

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140140.D
 Acq On : 30 Oct 2024 04:40
 Operator : RC/JU
 Sample : P4594-04MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 05:05:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	127559	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	485788	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	254836	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	363078	20.000	ng	0.00
76) Chrysene-d12	14.057	240	244508	20.000	ng	0.00
86) Perylene-d12	15.539	264	212975	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	882879	108.353	ng	0.02
7) Phenol-d6	6.516	99	1097346	103.982	ng	0.00
23) Nitrobenzene-d5	7.451	82	803332	91.652	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	269158	112.918	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1386246	89.903	ng	0.00
79) Terphenyl-d14	12.998	244	1147158	76.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	101885	26.818	ng	# 82
3) Pyridine	3.563	79	210206	22.323	ng	99
4) n-Nitrosodimethylamine	3.504	42	167287	33.065	ng	# 96
6) Aniline	6.557	93	187434	19.057	ng	99
8) 2-Chlorophenol	6.675	128	323528	38.839	ng	99
9) Benzaldehyde	6.439	77	39687	6.685	ng	98
10) Phenol	6.534	94	391403m	35.975	ng	
11) bis(2-Chloroethyl)ether	6.628	93	310085	36.874	ng	100
12) 1,3-Dichlorobenzene	6.834	146	266424	27.863	ng	99
13) 1,4-Dichlorobenzene	6.910	146	275448	28.833	ng	99
14) 1,2-Dichlorobenzene	7.057	146	270017	30.285	ng	99
15) Benzyl Alcohol	7.028	79	316139	40.839	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	522711	36.454	ng	98
17) 2-Methylphenol	7.139	107	289564	40.767	ng	98
18) Hexachloroethane	7.404	117	95972	28.172	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	255995	39.996	ng	98
20) 3+4-Methylphenols	7.292	107	356808	39.274	ng	# 78
22) Acetophenone	7.298	105	457849	38.479	ng	98
24) Nitrobenzene	7.469	77	367123	38.203	ng	99
25) Isophorone	7.710	82	716397	43.063	ng	99
26) 2-Nitrophenol	7.786	139	169715	46.813	ng	99
27) 2,4-Dimethylphenol	7.816	122	292914	48.454	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	418171	41.489	ng	99
29) 2,4-Dichlorophenol	8.028	162	292723	42.513	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	263628	34.602	ng	99
31) Naphthalene	8.192	128	917917	36.637	ng	100
32) Benzoic acid	7.922	122	154195	29.245	ng	95
33) 4-Chloroaniline	8.239	127	98228	11.498	ng	99
34) Hexachlorobutadiene	8.310	225	165671	34.608	ng	98
35) Caprolactam	8.604	113	74037m	33.817	ng	
36) 4-Chloro-3-methylphenol	8.716	107	326234	42.789	ng	99
37) 2-Methylnaphthalene	8.881	142	620377	40.431	ng	99
38) 1-Methylnaphthalene	8.980	142	576708	38.308	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	303331	44.120	ng	99
41) Hexachlorocyclopentadiene	9.033	237	247853	103.609	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	218580	44.906	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	216046	43.021	ng	100
46) 1,1'-Biphenyl	9.345	154	779524	43.941	ng	99
47) 2-Chloronaphthalene	9.375	162	607141	42.492	ng	99
48) 2-Nitroaniline	9.469	65	215798	49.382	ng	96
49) Acenaphthylene	9.792	152	947283	45.859	ng	99
50) Dimethylphthalate	9.651	163	771766	48.621	ng	100
51) 2,6-Dinitrotoluene	9.710	165	159242	46.333	ng	100
52) Acenaphthene	9.963	154	600386	44.930	ng	99
53) 3-Nitroaniline	9.875	138	95567	26.964	ng	100
54) 2,4-Dinitrophenol	9.980	184	65873	48.895	ng	# 1
55) Dibenzofuran	10.133	168	838838	43.753	ng	99
56) 4-Nitrophenol	10.033	139	182783	67.033	ng	98
57) 2,4-Dinitrotoluene	10.110	165	204963	48.496	ng	99
58) Fluorene	10.475	166	612009	41.911	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	162418	41.256	ng	98
60) Diethylphthalate	10.345	149	735308	47.180	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	331321	44.929	ng	99
62) 4-Nitroaniline	10.486	138	125371	37.453	ng	97
63) Azobenzene	10.627	77	709028	42.912	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	52396	35.379	ng	99
66) n-Nitrosodiphenylamine	10.586	169	569552	52.412	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	198468	53.061	ng	99
68) Hexachlorobenzene	11.022	284	206343	49.051	ng	99
69) Atrazine	11.110	200	145397	49.393	ng	99
70) Pentachlorophenol	11.216	266	187167	73.311	ng	99
71) Phenanthrene	11.439	178	802558	46.796	ng	99
72) Anthracene	11.492	178	809069	48.351	ng	100
73) Carbazole	11.645	167	666663	42.838	ng	100
74) Di-n-butylphthalate	11.974	149	939848	52.273	ng	100
75) Fluoranthene	12.627	202	757838	43.711	ng	99
77) Benzidine	12.751	184	22787	5.668	ng	95
78) Pyrene	12.857	202	778531	36.376	ng	99
80) Butylbenzylphthalate	13.474	149	333588	51.989	ng	98
81) Benzo(a)anthracene	14.045	228	754093	47.378	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	124885	26.910	ng	99
83) Chrysene	14.080	228	711043	48.723	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	464640	64.542	ng	99
85) Di-n-octyl phthalate	14.645	149	843408	64.411	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	533381	38.929	ng	98
88) Benzo(b)fluoranthene	15.104	252	642470	49.522	ng	99
89) Benzo(k)fluoranthene	15.133	252	632065	56.492	ng	99
90) Benzo(a)pyrene	15.474	252	555616	52.048	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	442087	38.678	ng	99
92) Benzo(g,h,i)perylene	17.492	276	388777	34.053	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

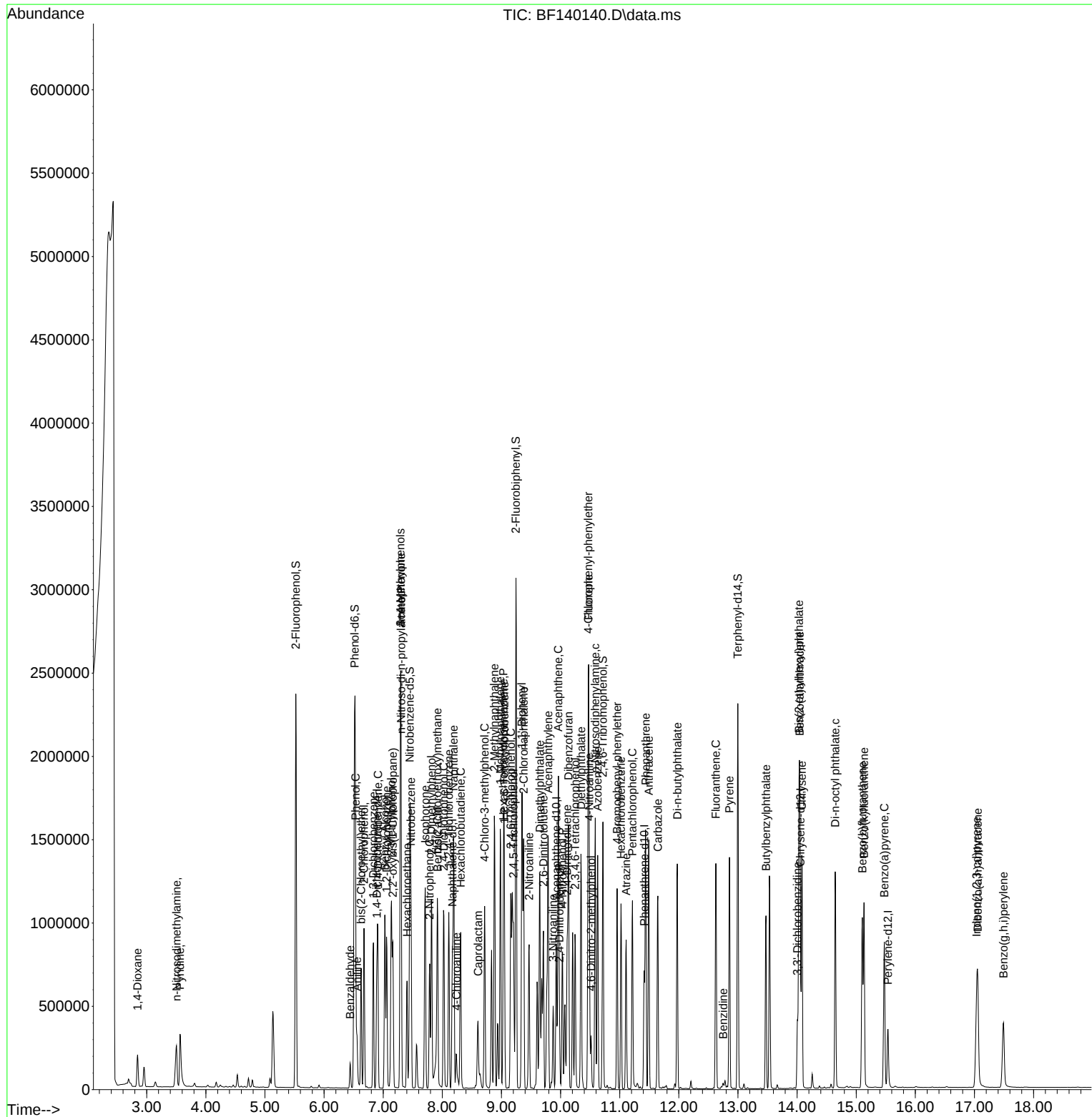
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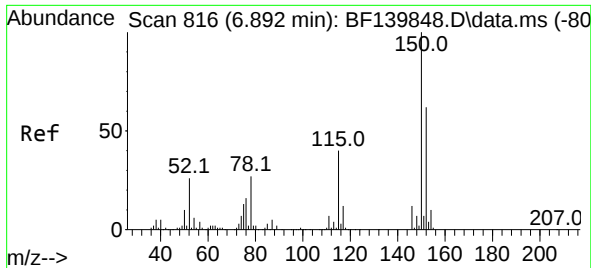
Response via : Initial Calibration

Manual Integrations

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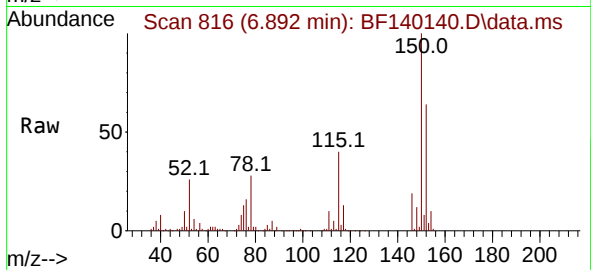
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

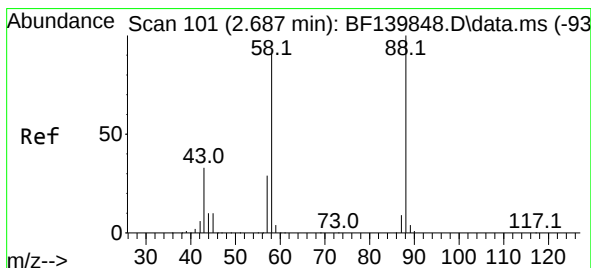
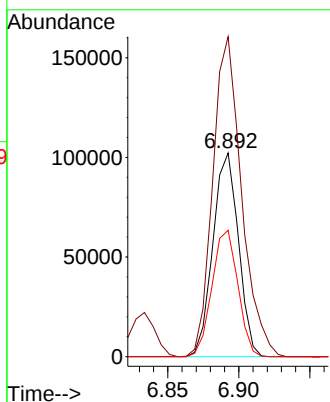
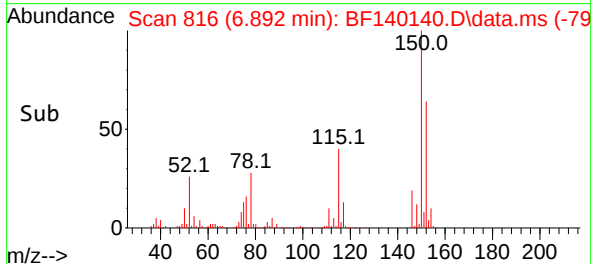
Instrument :
BNA_F
ClientSampleId :
TP-4MS



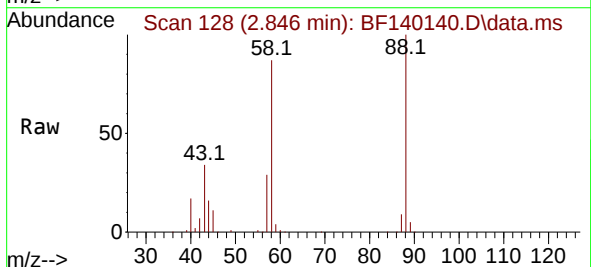
Tgt Ion:152 Resp: 127559
Ion Ratio Lower Upper
152 100
150 157.0 130.2 195.2
115 62.1 51.4 77.2

Manual Integrations
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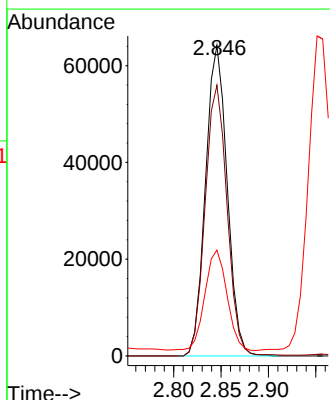
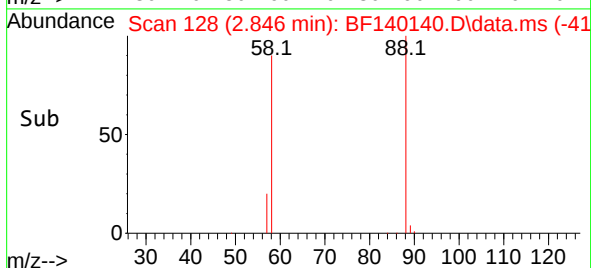
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Supervised By :mohammad ahmed 11/04/2024

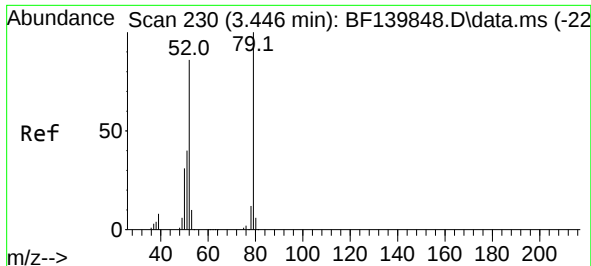


#2
1,4-Dioxane
Concen: 26.818 ng
RT: 2.846 min Scan# 128
Delta R.T. 0.159 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



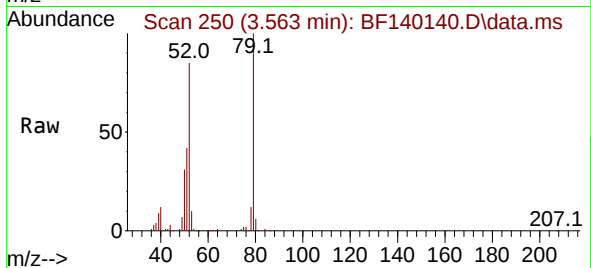
Tgt Ion: 88 Resp: 101885
Ion Ratio Lower Upper
88 100
58 88.5 73.3 109.9
43 0.0 27.1 40.7#





#3
Pyridine
Concen: 22.323 ng
RT: 3.563 min Scan# 210
Delta R.T. 0.118 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

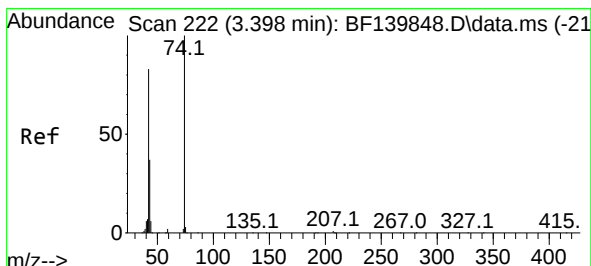
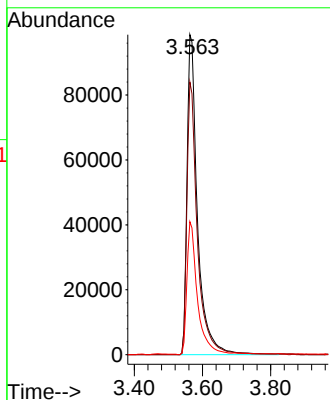
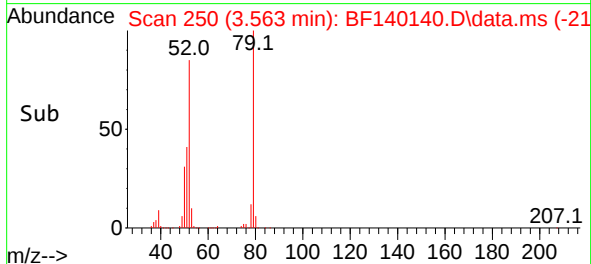
Instrument :
BNA_F
ClientSampleId :
TP-4MS



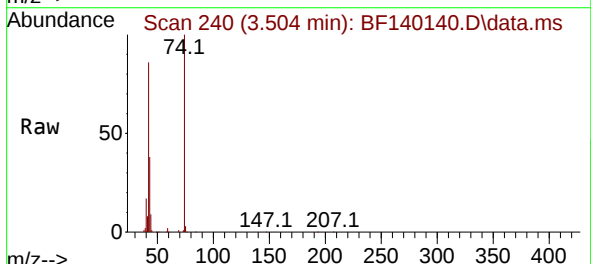
Tgt Ion: 79 Resp: 210200
Ion Ratio Lower Upper
79 100
52 85.2 68.5 102.7
51 41.6 32.3 48.5

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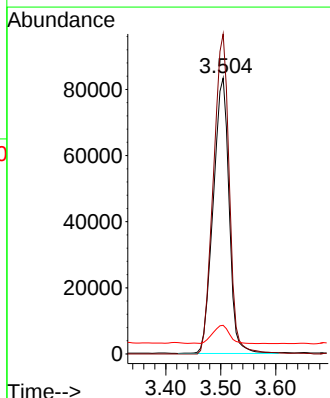
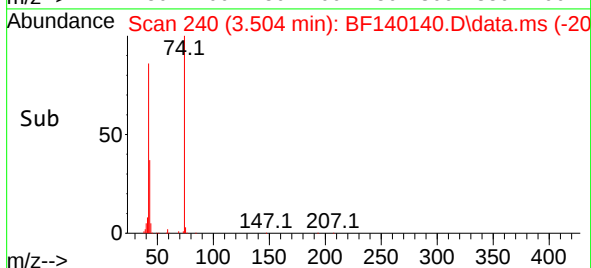
Reviewed By :Jagrut Upadhyay 10/30/2024
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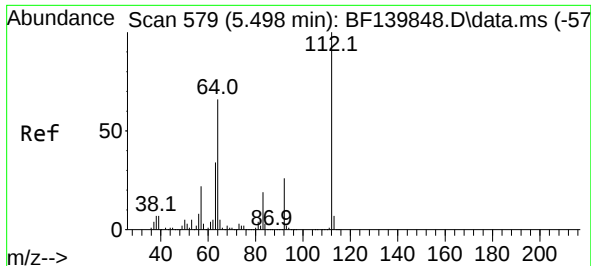


#4
n-Nitrosodimethylamine
Concen: 33.065 ng
RT: 3.504 min Scan# 240
Delta R.T. 0.106 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



Tgt Ion: 42 Resp: 167287
Ion Ratio Lower Upper
42 100
74 115.9 96.2 144.4
44 10.4 6.2 9.2#





#5
2-Fluorophenol
Concen: 108.353 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

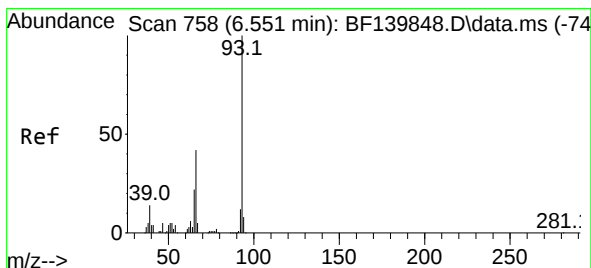
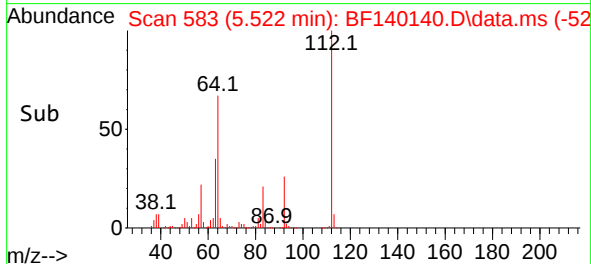
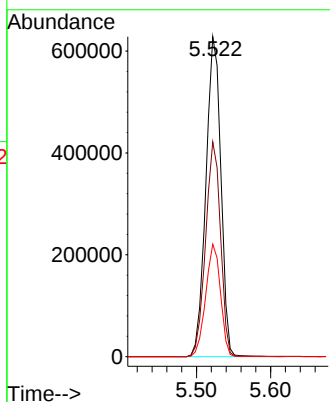
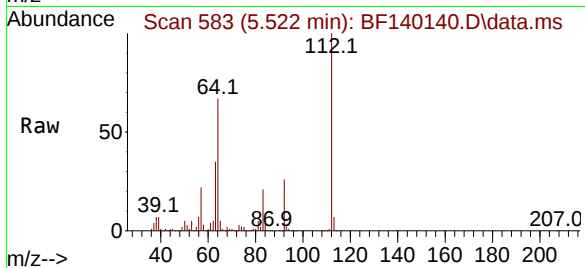
TP-4MS

Tgt Ion: 112 Resp: 882879
Ion Ratio Lower Upper
112 100
64 67.1 53.0 79.6
63 35.1 27.0 40.4

Manual Integrations

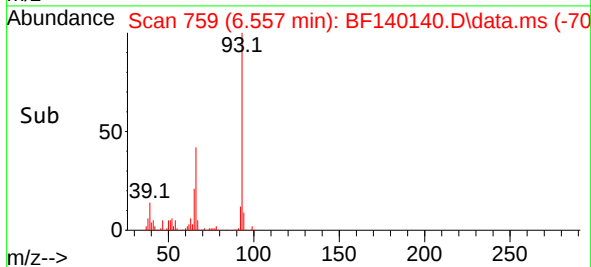
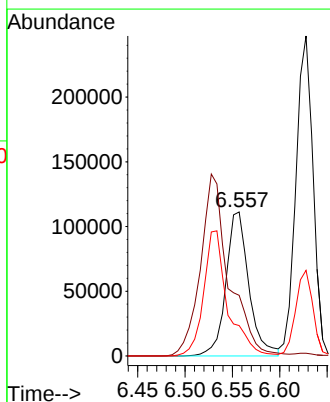
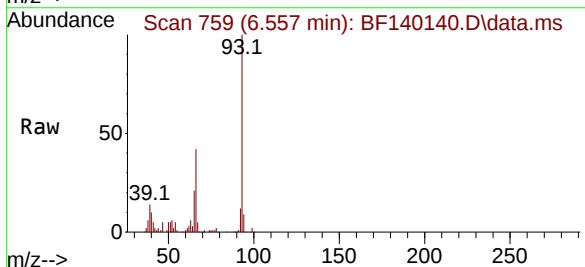
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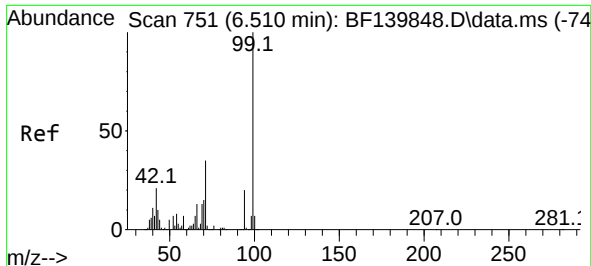
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#6
Aniline
Concen: 19.057 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

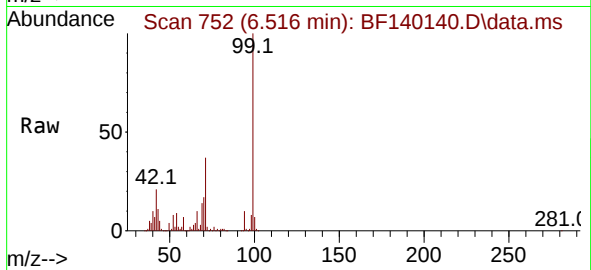
Tgt Ion: 93 Resp: 187434
Ion Ratio Lower Upper
93 100
66 42.1 34.0 51.0
65 21.1 17.4 26.0





#7
Phenol-d6
Concen: 103.982 ng
RT: 6.516 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

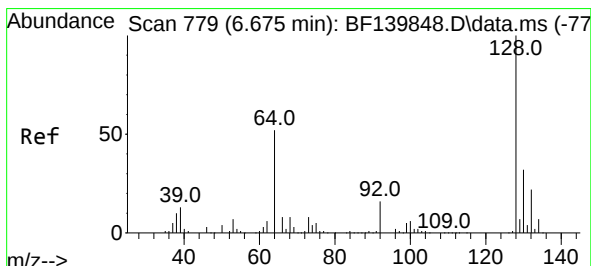
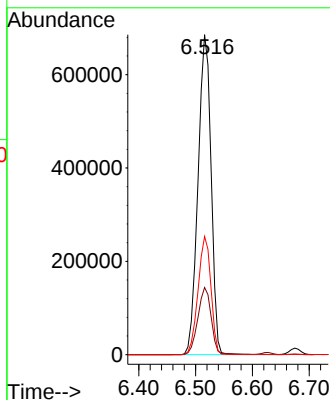
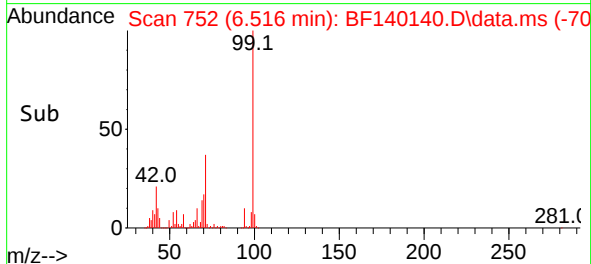
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Tgt Ion: 99 Resp: 1097340
Ion Ratio Lower Upper
99 100
42 21.0 16.7 25.1
71 37.0 27.7 41.5

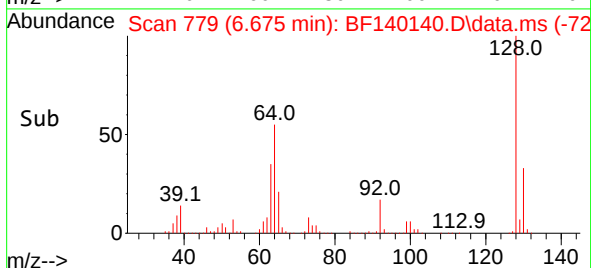
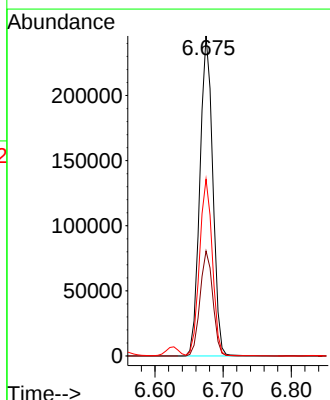
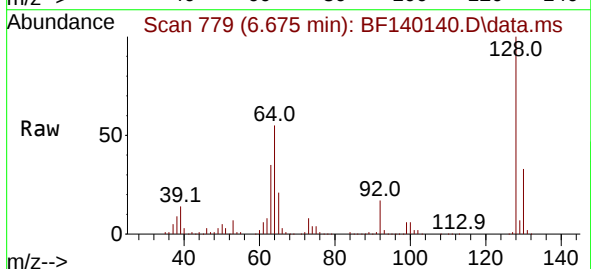
Manual Integrations
APPROVED

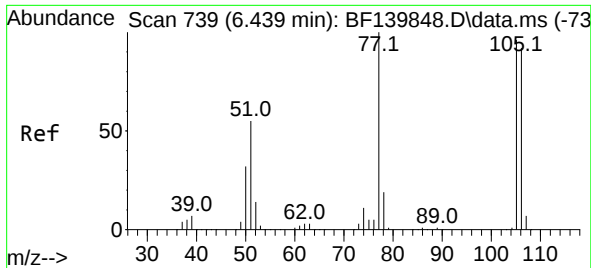
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 38.839 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Tgt Ion:128 Resp: 323528
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 55.2 34.6 74.6





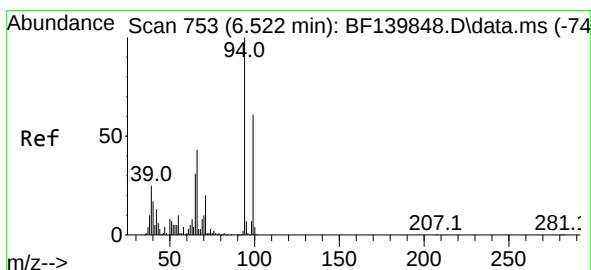
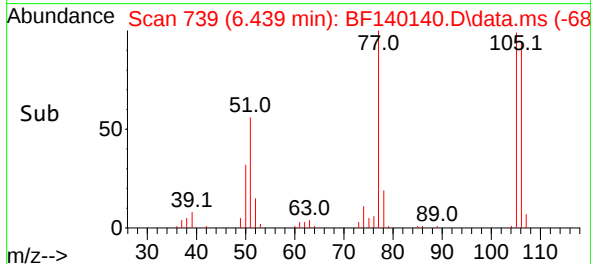
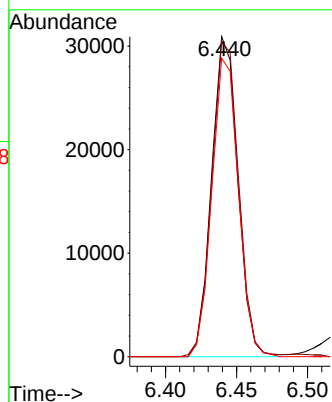
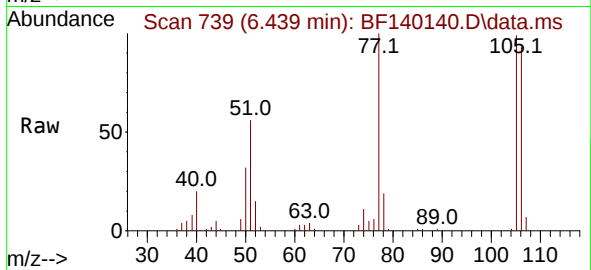
#9
Benzaldehyde
Concen: 6.685 ng
RT: 6.439 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

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Tgt Ion: 77 Resp: 3968
Ion Ratio Lower Upper
77 100
105 98.5 75.5 115.5
106 93.3 71.7 111.7

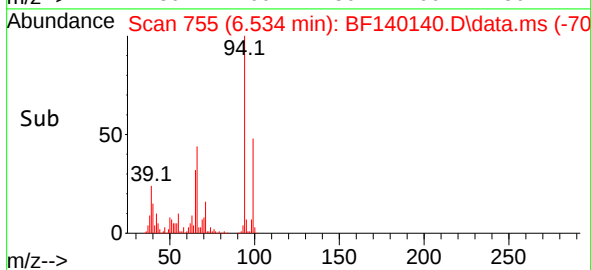
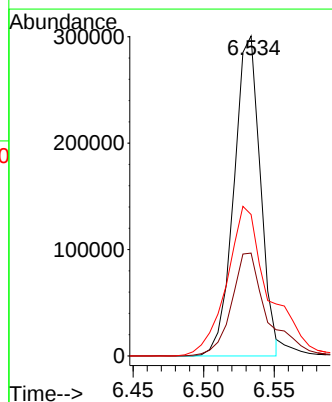
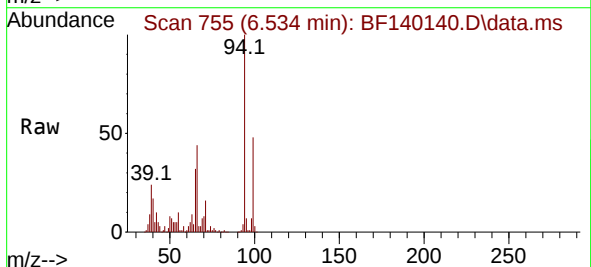
Manual Integrations
APPROVED

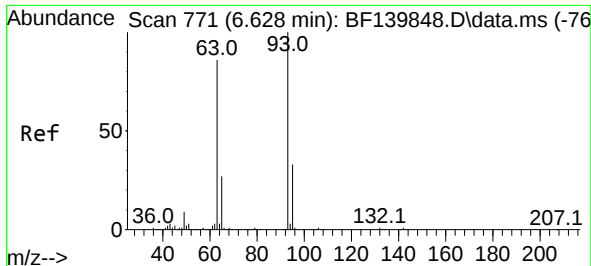
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 35.975 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

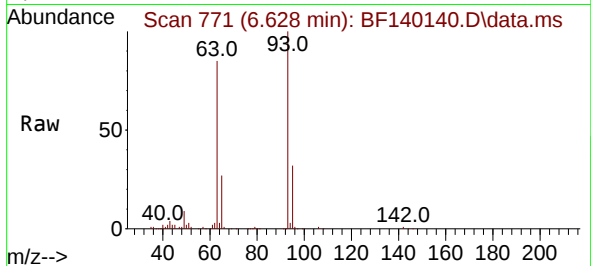
Tgt Ion: 94 Resp: 391403
Ion Ratio Lower Upper
94 100
65 32.2 11.1 51.1
66 44.2 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 36.874 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

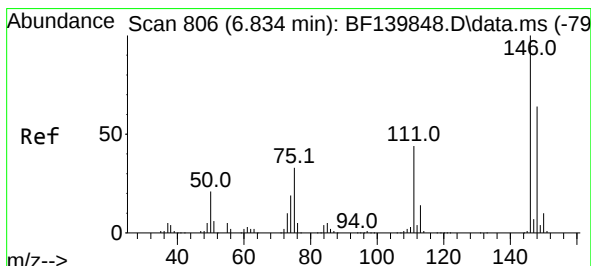
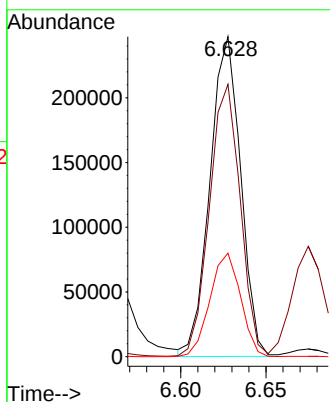
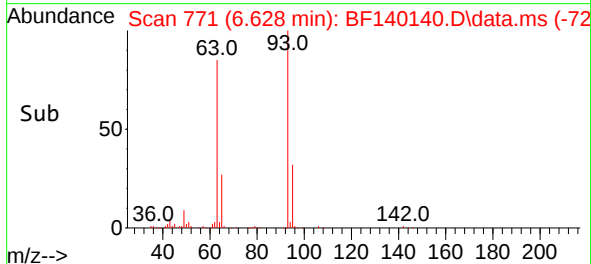
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 93 Resp: 31085
Ion Ratio Lower Upper
93 100
63 85.1 65.0 105.0
95 32.3 12.4 52.4

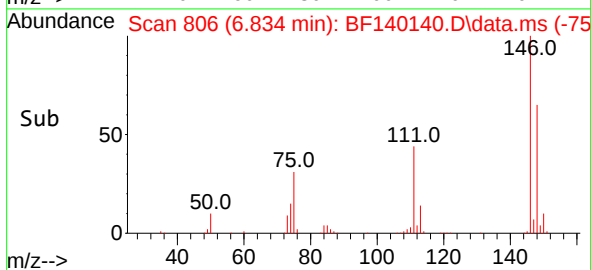
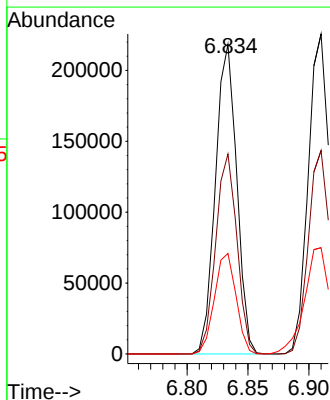
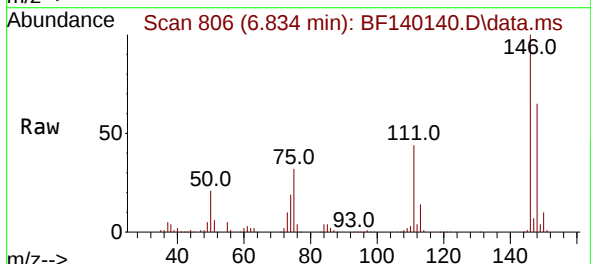
Manual Integrations
APPROVED

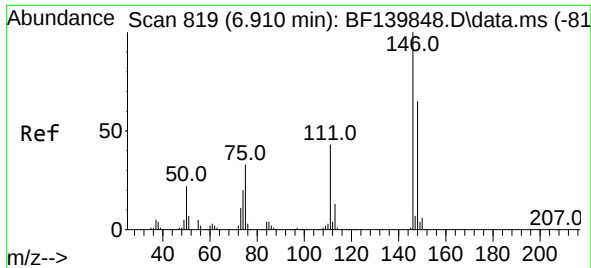
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 27.863 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Tgt Ion:146 Resp: 266424
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 32.5 26.4 39.6





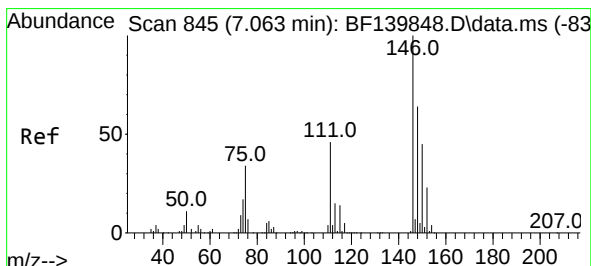
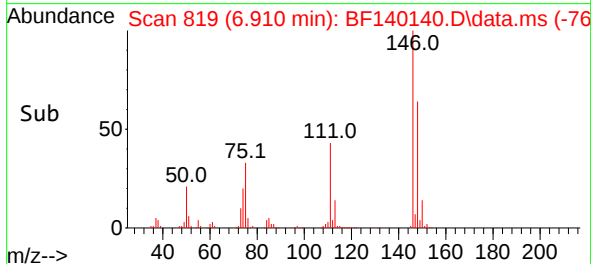
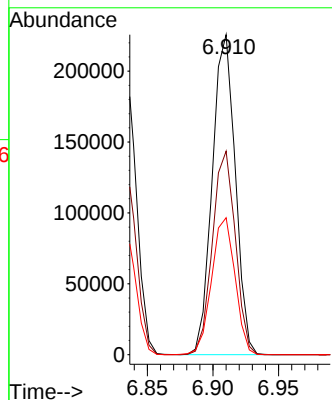
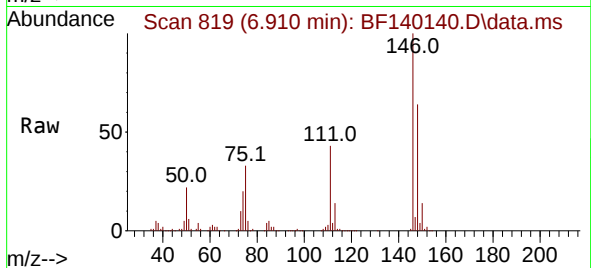
#13
1,4-Dichlorobenzene
Concen: 28.833 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:146 Resp: 275448
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 42.8 34.6 51.8

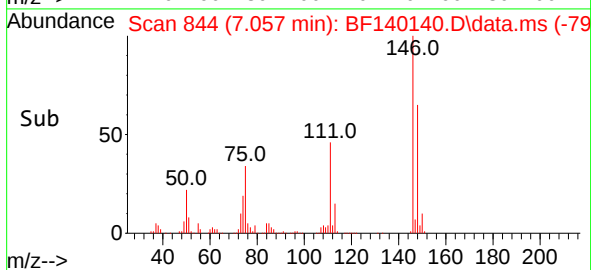
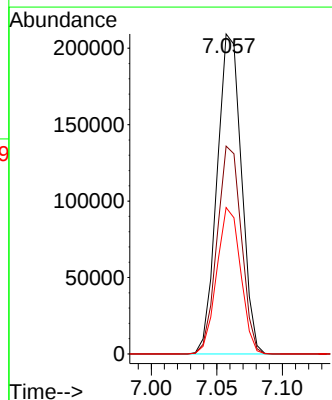
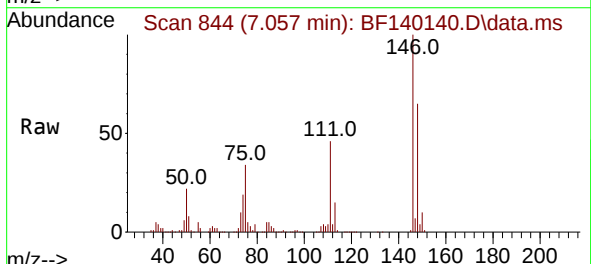
Manual Integrations
APPROVED

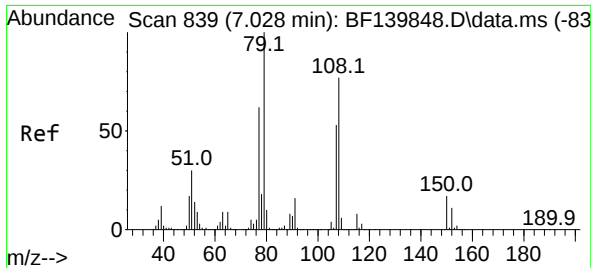
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 30.285 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

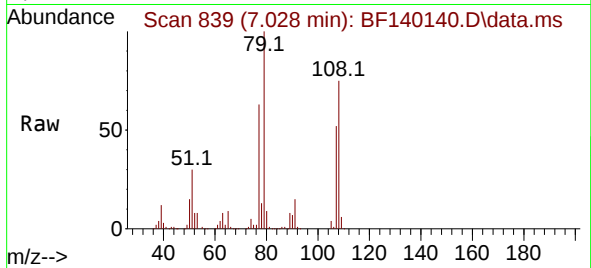
Tgt Ion:146 Resp: 270017
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
111 45.7 36.7 55.1





#15
Benzyl Alcohol
Concen: 40.839 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

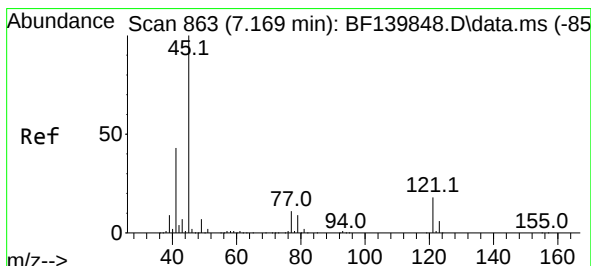
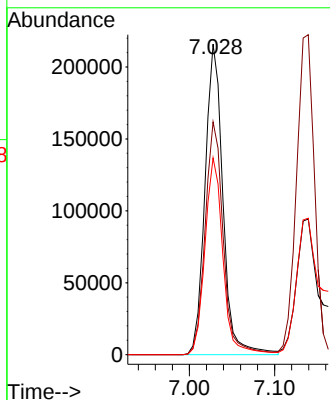
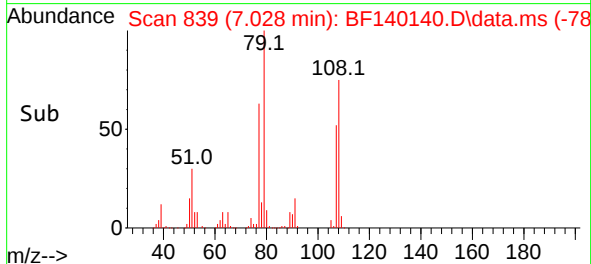
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 79 Resp: 316139
Ion Ratio Lower Upper
79 100
108 75.0 61.4 92.0
77 63.4 49.9 74.9

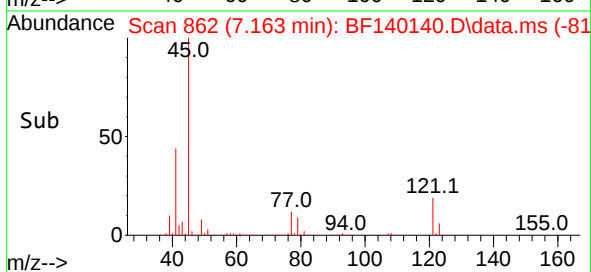
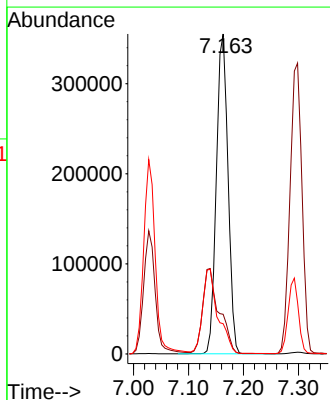
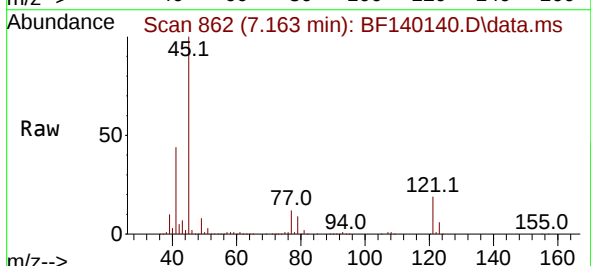
Manual Integrations
APPROVED

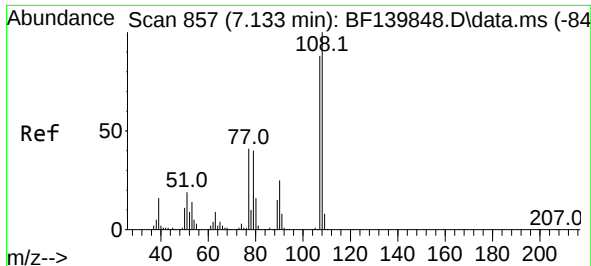
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.454 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

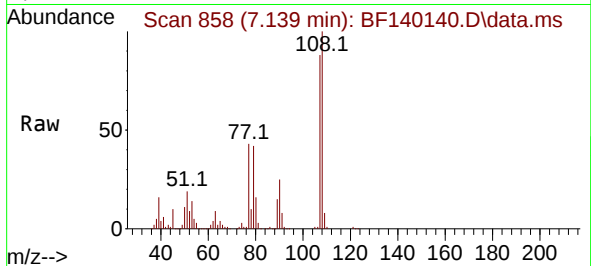
Tgt Ion: 45 Resp: 522711
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 9.4 0.0 29.1





#17
2-Methylphenol
Concen: 40.767 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

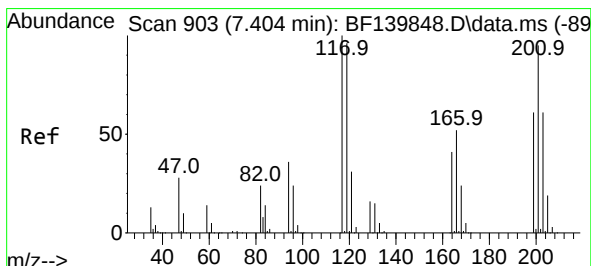
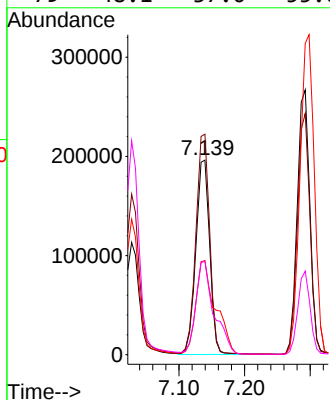
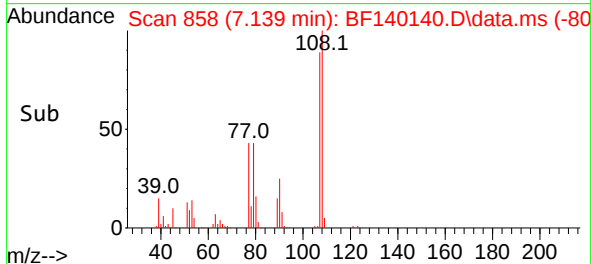
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:107 Resp: 289564
Ion Ratio Lower Upper
107 100
108 113.3 91.3 136.9
77 48.3 37.1 55.7
79 48.1 37.0 55.6

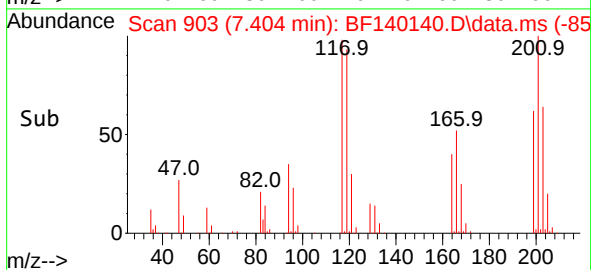
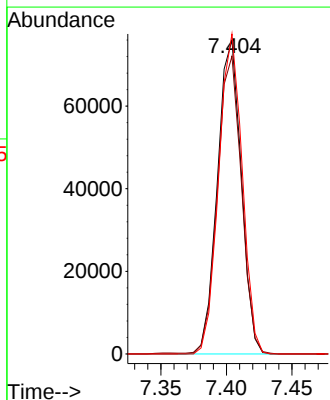
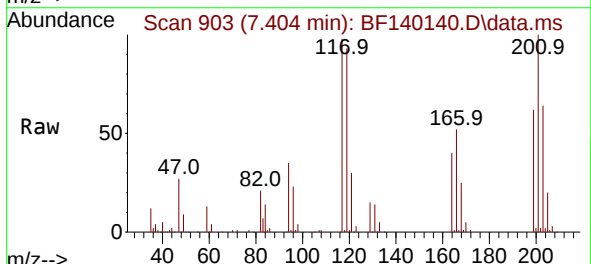
Manual Integrations
APPROVED

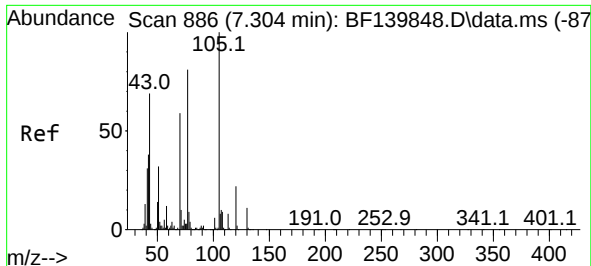
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 28.172 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

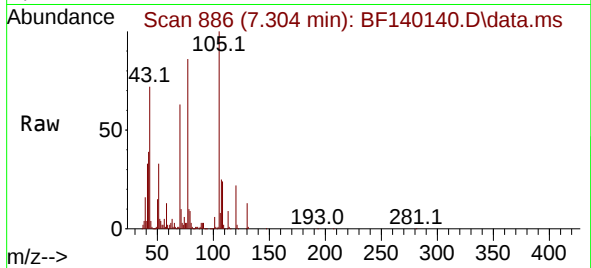
Tgt Ion:117 Resp: 95972
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4
201 102.0 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.996 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

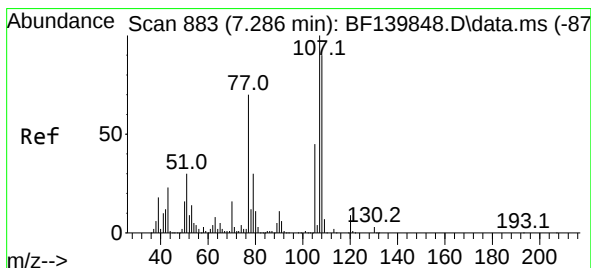
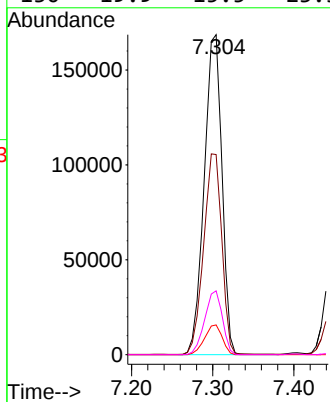
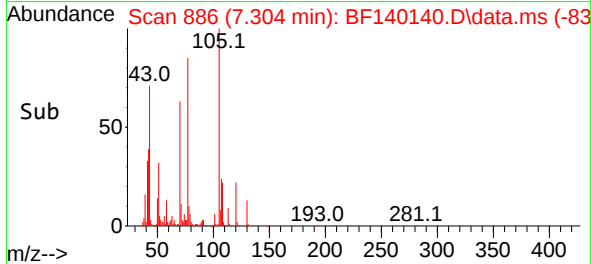
Instrument :
BNA_F
Client Sample Id :
TP-4MS



Tgt Ion:	70	Resp:	25599
Ion	Ratio	Lower	Upper
70	100		
42	62.5	51.5	77.3
101	9.3	7.5	11.3
130	19.9	15.5	23.3

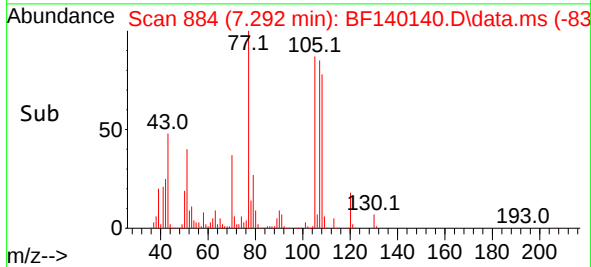
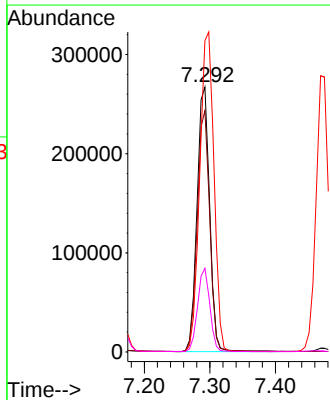
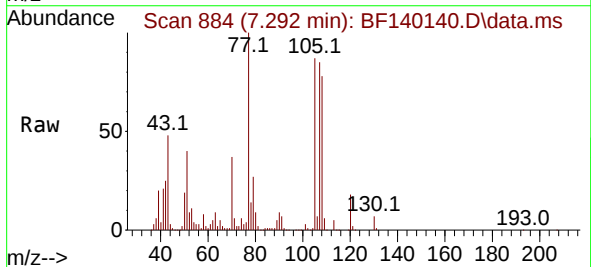
Manual Integrations
APPROVED

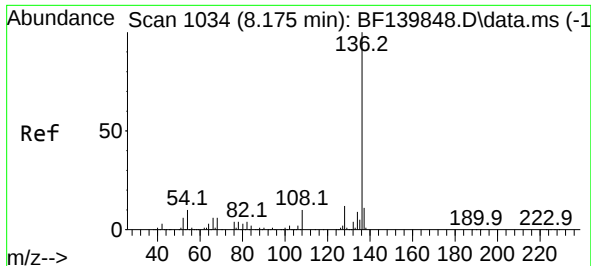
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 39.274 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

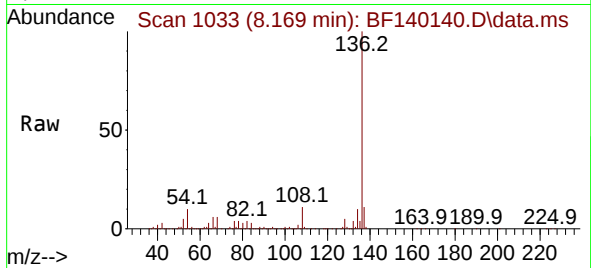
Tgt Ion:	107	Resp:	356808
Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.8	109.8
77	117.5	50.5	90.5#
79	31.5	10.2	50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

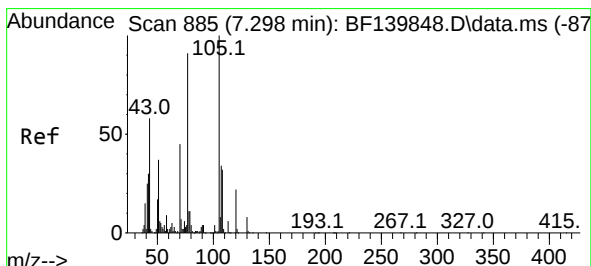
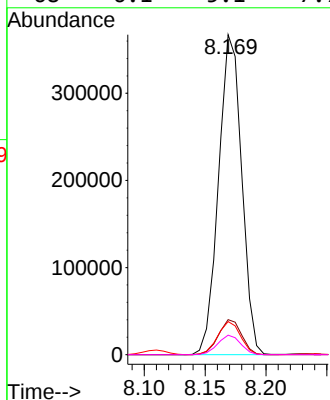
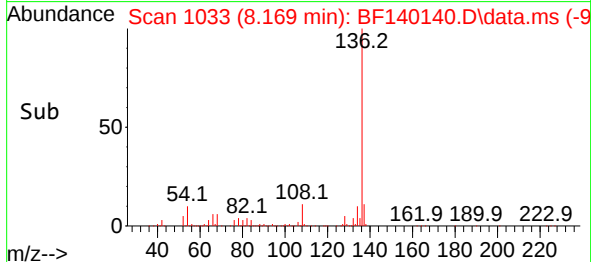
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:136 Resp: 485788
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.3 8.4 12.6
68 6.1 5.1 7.7

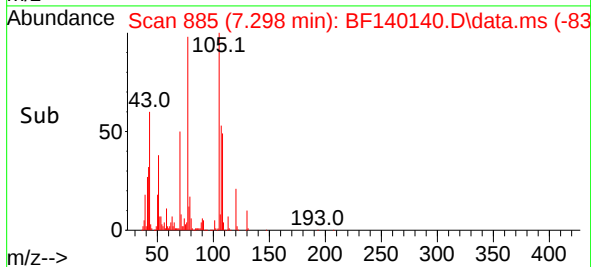
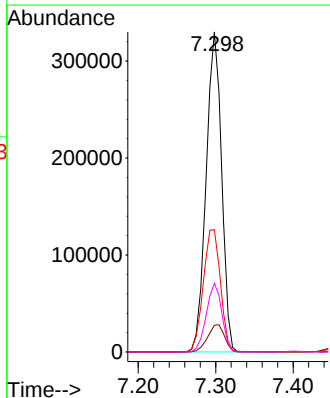
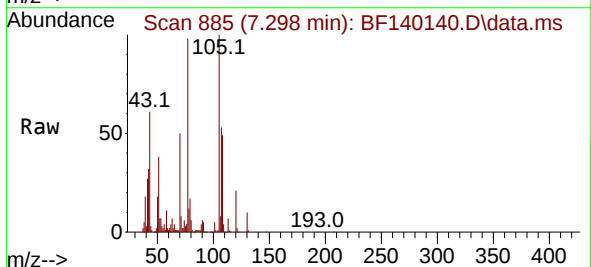
Manual Integrations
APPROVED

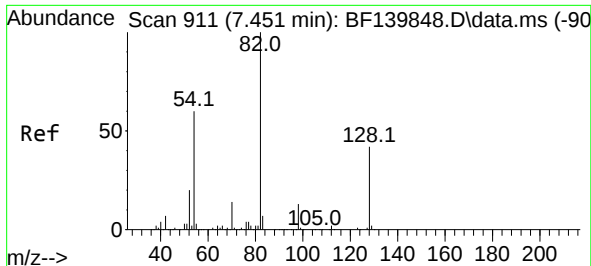
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 38.479 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Tgt Ion:105 Resp: 457849
Ion Ratio Lower Upper
105 100
71 8.4 5.9 8.9
51 38.2 29.4 44.2
120 21.4 17.5 26.3





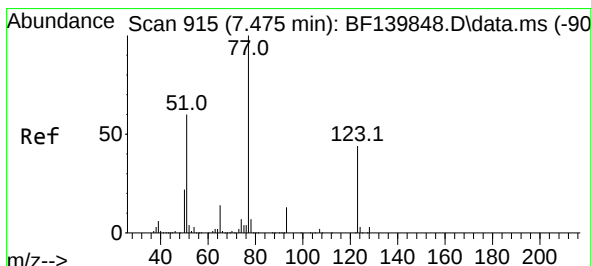
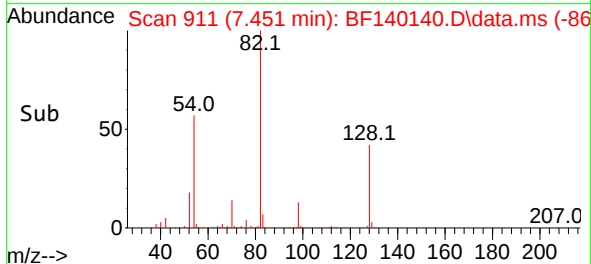
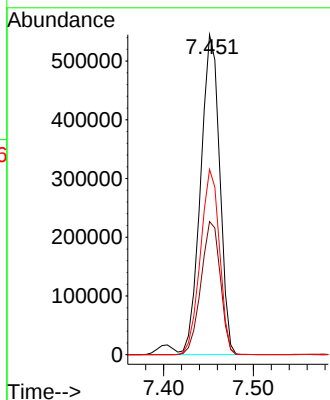
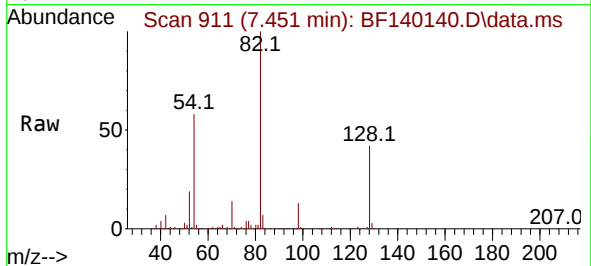
#23
Nitrobenzene-d5
Concen: 91.652 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion: 82 Resp: 80333
Ion Ratio Lower Upper
82 100
128 41.6 33.4 50.0
54 57.9 47.8 71.8

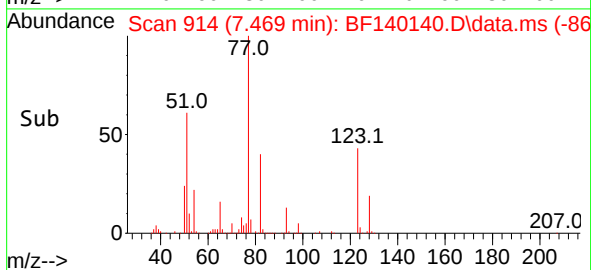
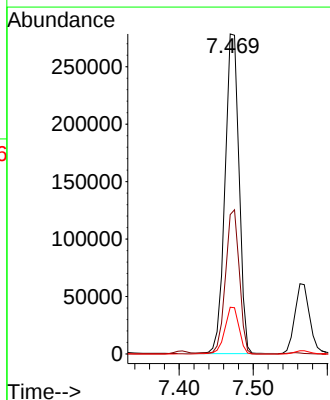
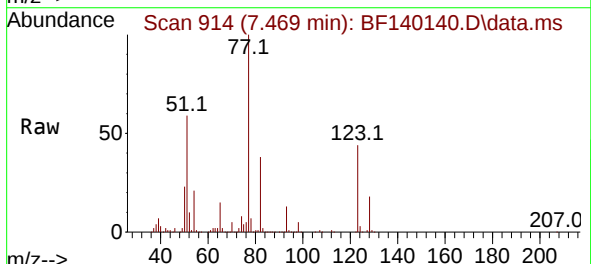
Manual Integrations
APPROVED

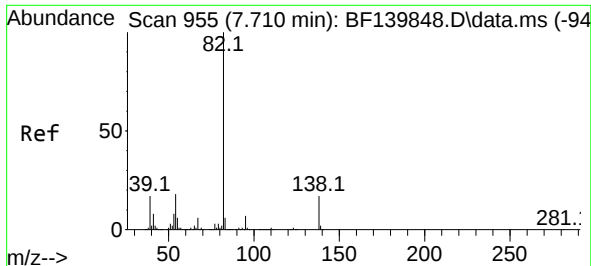
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 38.203 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

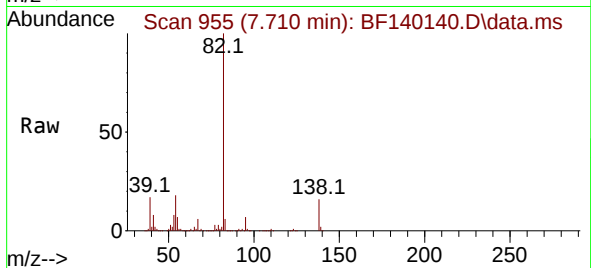
Tgt Ion: 77 Resp: 367123
Ion Ratio Lower Upper
77 100
123 43.6 35.7 53.5
65 14.6 11.5 17.3





#25
Isophorone
Concen: 43.063 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

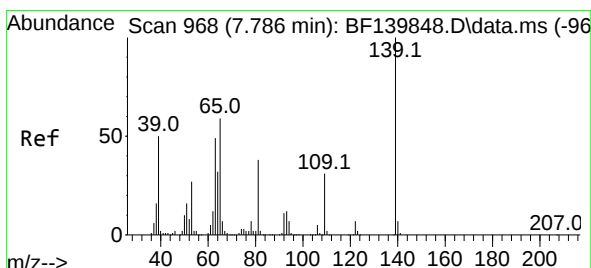
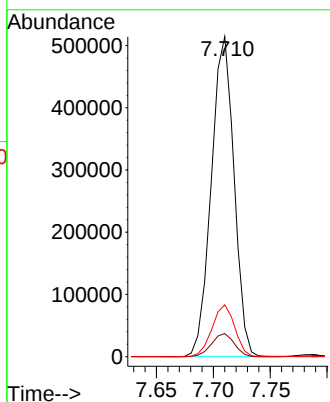
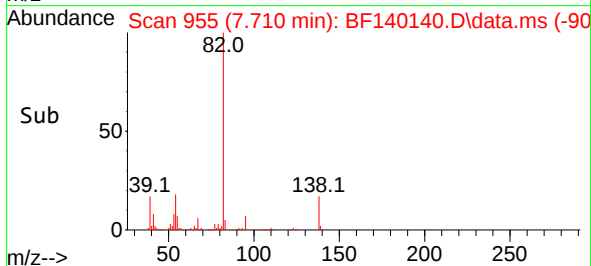
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion: 82 Resp: 71639
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.2 13.2 19.8

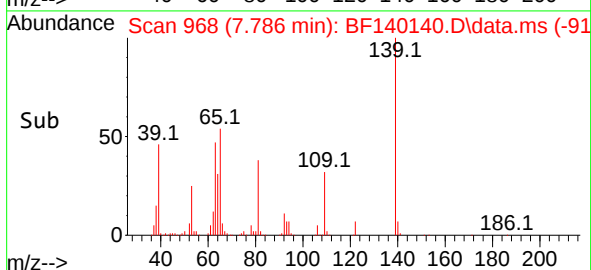
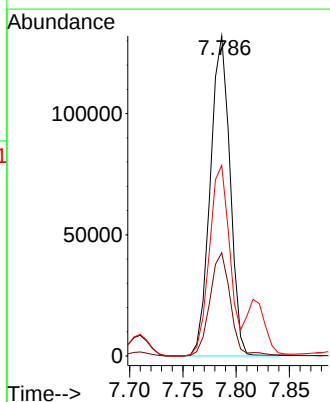
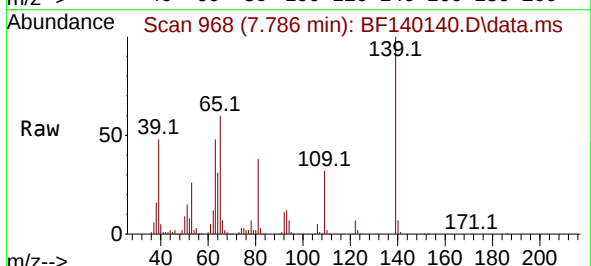
Manual Integrations
APPROVED

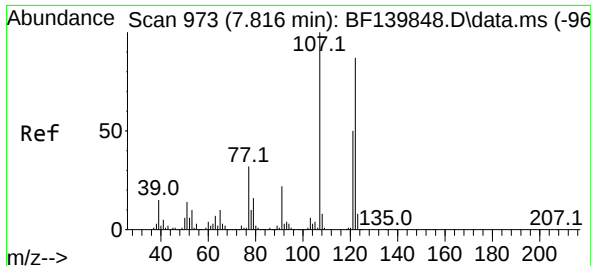
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 46.813 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

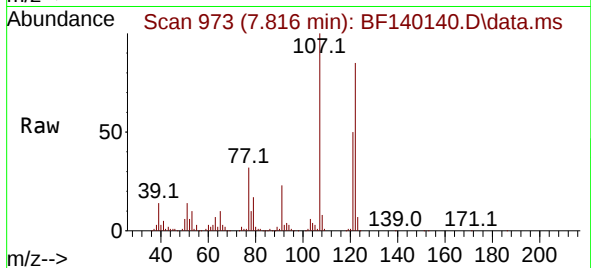
Tgt Ion:139 Resp: 169715
Ion Ratio Lower Upper
139 100
109 32.3 25.1 37.7
65 59.6 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 48.454 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

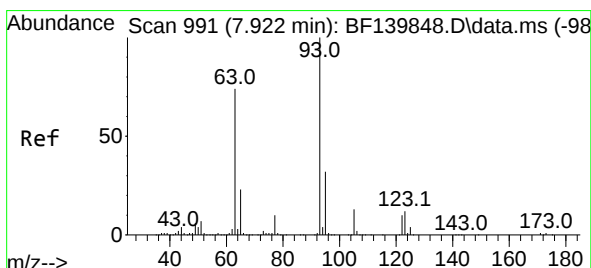
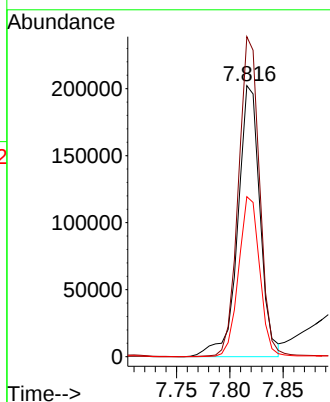
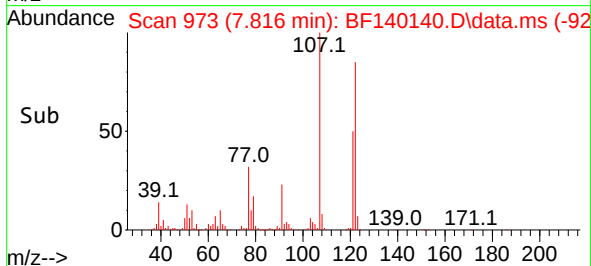
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:122 Resp: 292914
Ion Ratio Lower Upper
122 100
107 118.1 91.9 137.9
121 59.0 46.2 69.4

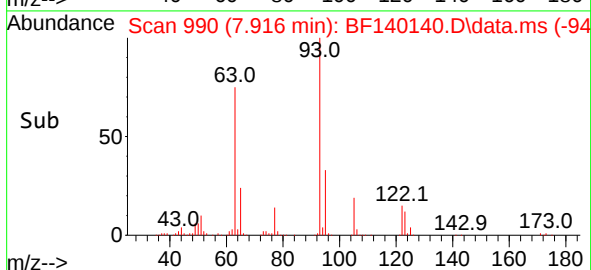
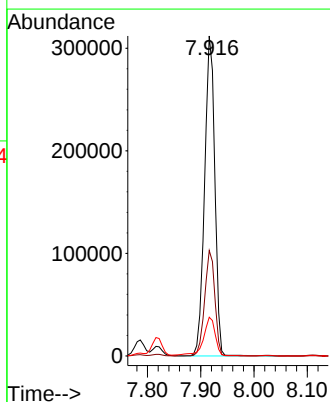
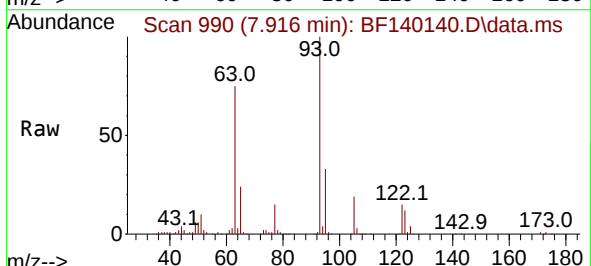
Manual Integrations
APPROVED

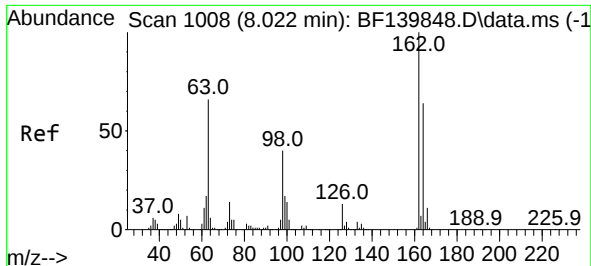
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.489 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Tgt Ion: 93 Resp: 418171
Ion Ratio Lower Upper
93 100
95 33.0 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 42.513 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

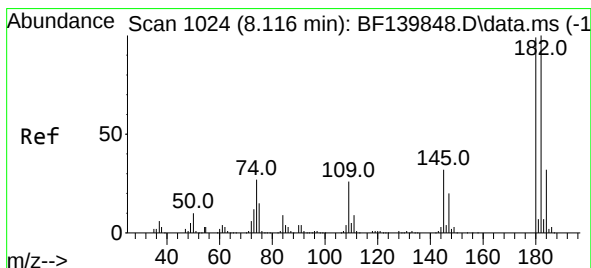
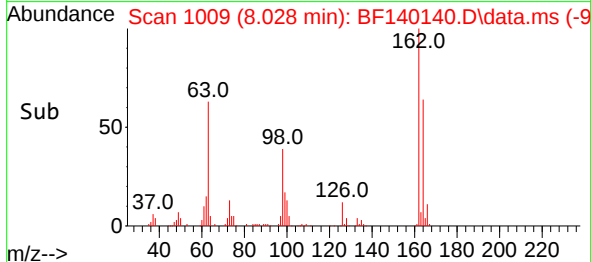
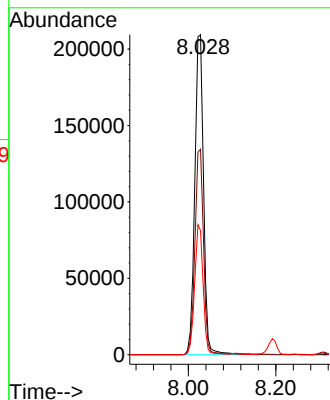
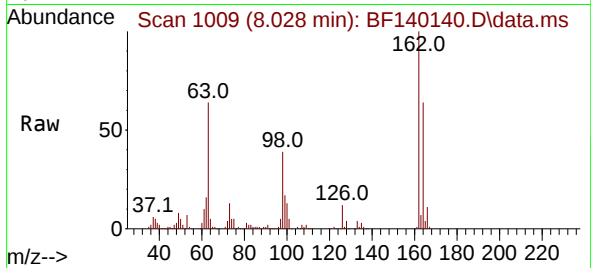
Tgt Ion:162 Resp: 29272

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.9	83.9
98	38.7	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 34.602 ng

RT: 8.110 min Scan# 1023

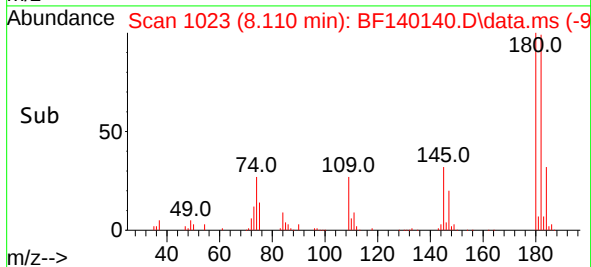
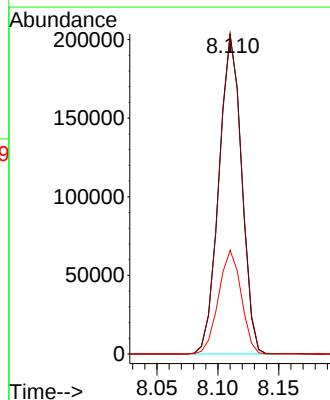
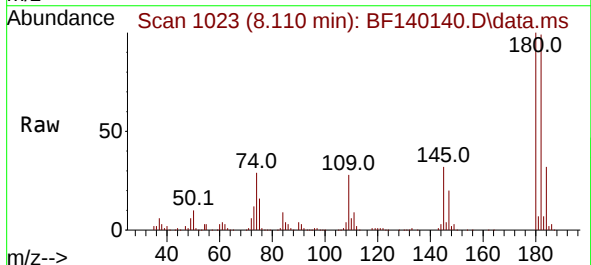
Delta R.T. -0.006 min

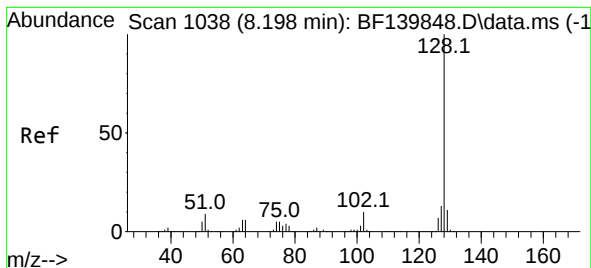
Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Tgt Ion:180 Resp: 263628

Ion	Ratio	Lower	Upper
180	100		
182	99.5	80.5	120.7
145	32.4	25.4	38.0





#31

Naphthalene

Concen: 36.637 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

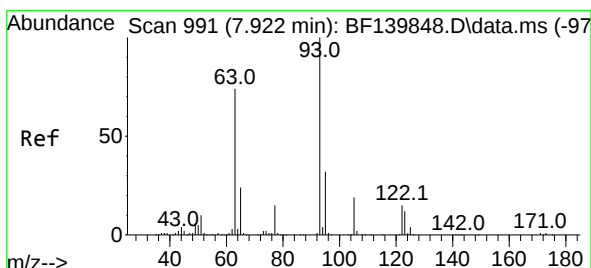
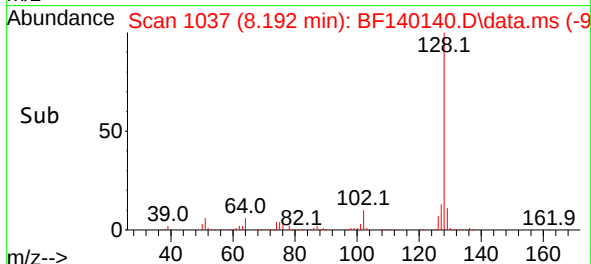
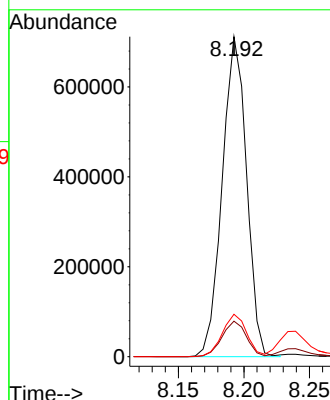
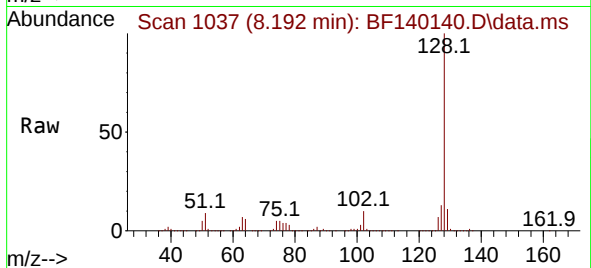
TP-4MS

Tgt Ion:128 Resp: 91791
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.9 13.3
 127 13.2 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#32

Benzoic acid

Concen: 29.245 ng

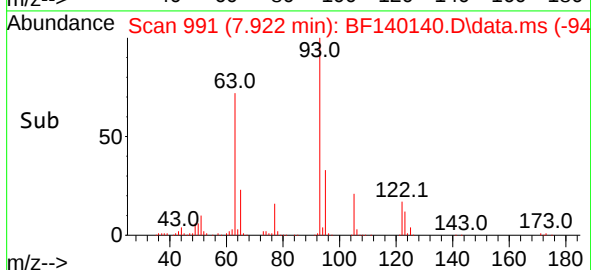
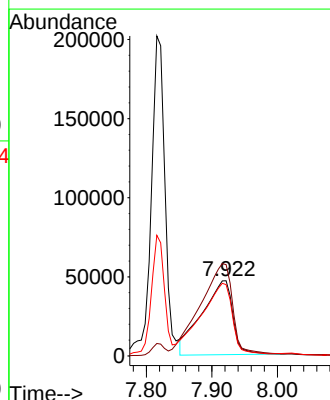
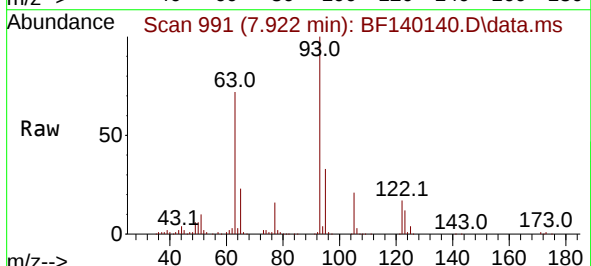
RT: 7.922 min Scan# 991

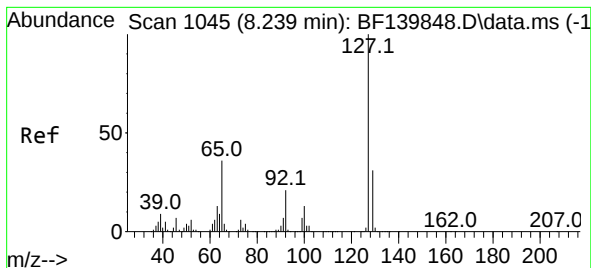
Delta R.T. -0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Tgt Ion:122 Resp: 154195
 Ion Ratio Lower Upper
 122 100
 105 121.5 107.6 147.6
 77 95.0 80.2 120.2





#33

4-Chloroaniline

Concen: 11.498 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

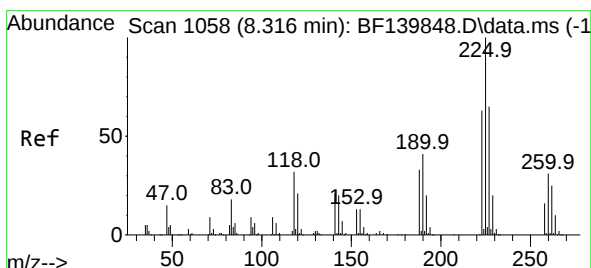
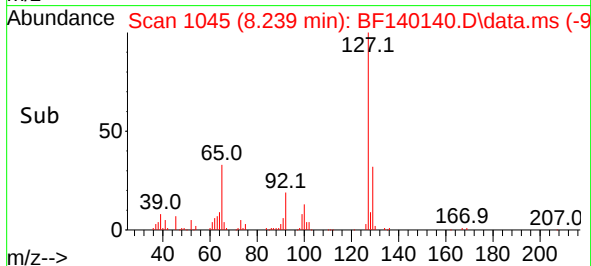
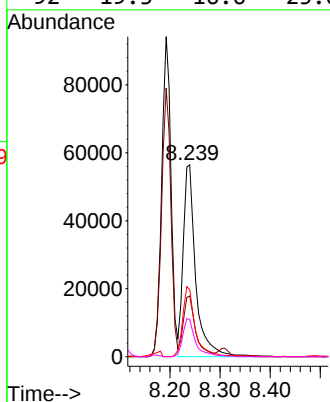
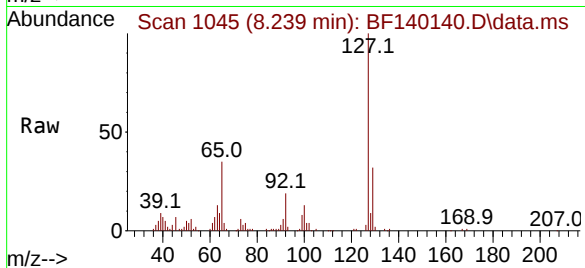
Tgt Ion:127 Resp: 98228

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	35.1	28.4	42.6
92	19.3	16.6	25.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34

Hexachlorobutadiene

Concen: 34.608 ng

RT: 8.310 min Scan# 1057

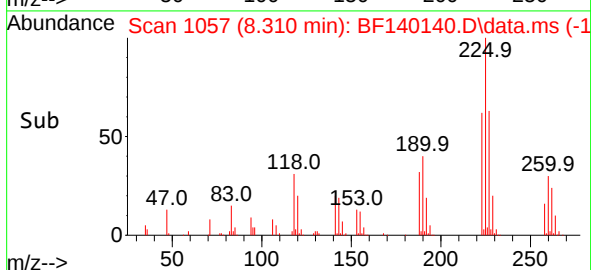
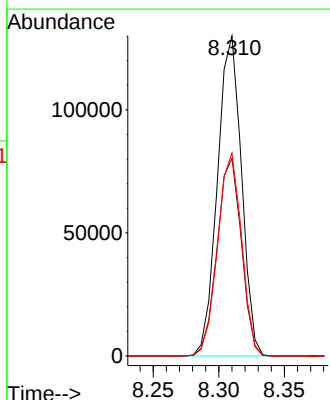
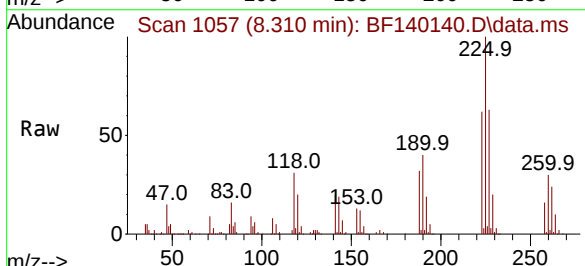
Delta R.T. -0.006 min

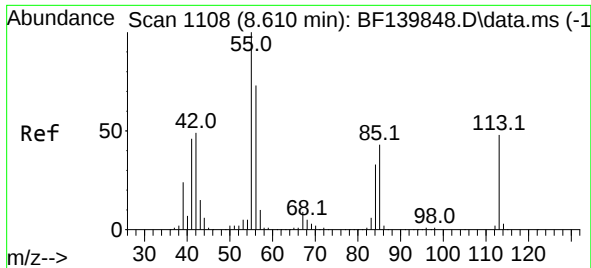
Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Tgt Ion:225 Resp: 165671

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	63.5	51.8	77.8





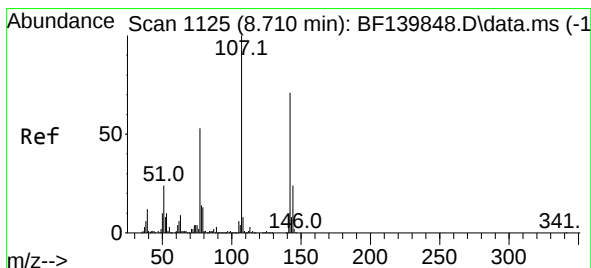
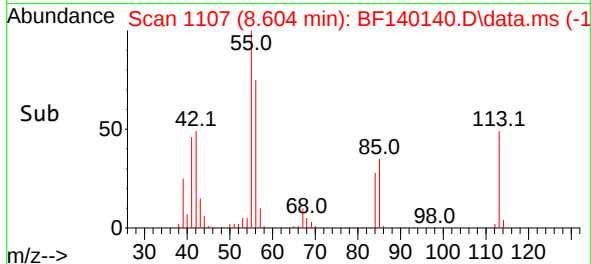
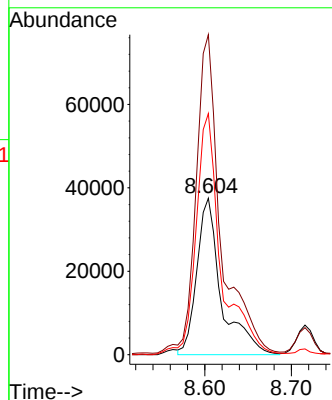
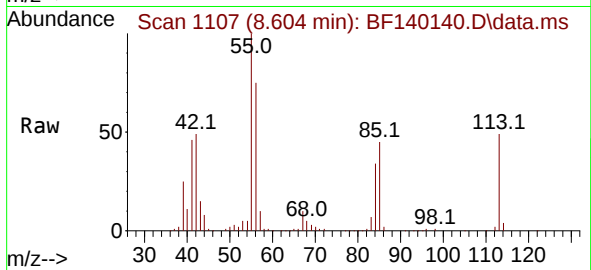
#35
 Caprolactam
 Concen: 33.817 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF140140.D
 Acq: 30 Oct 2024 04:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Tgt Ion:113 Resp: 7403
 Ion Ratio Lower Upper
 113 100
 55 204.5 189.2 229.2
 56 154.2 132.5 172.5

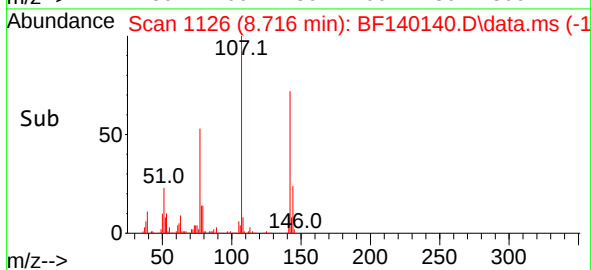
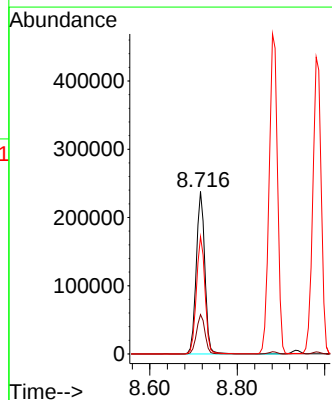
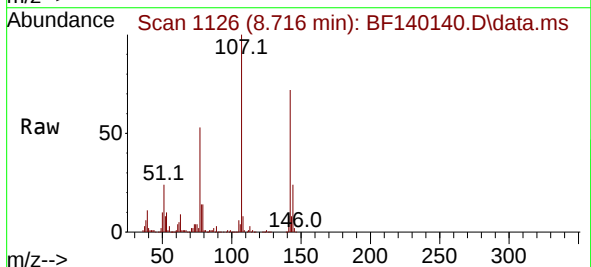
Manual Integrations
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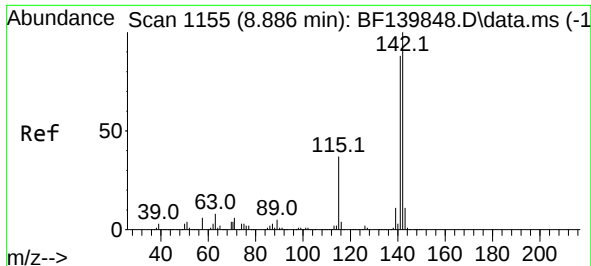
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#36
 4-Chloro-3-methylphenol
 Concen: 42.789 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140140.D
 Acq: 30 Oct 2024 04:40

Tgt Ion:107 Resp: 326234
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.1 28.7
 142 72.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 40.431 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:142 Resp: 62037

Ion Ratio Lower Upper

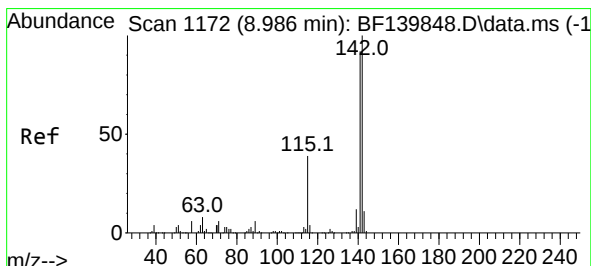
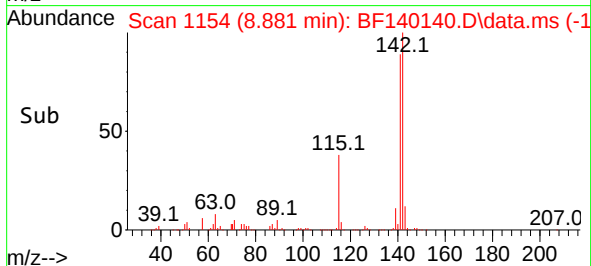
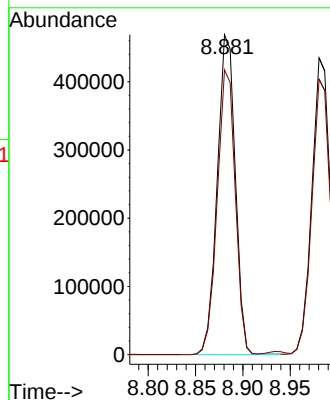
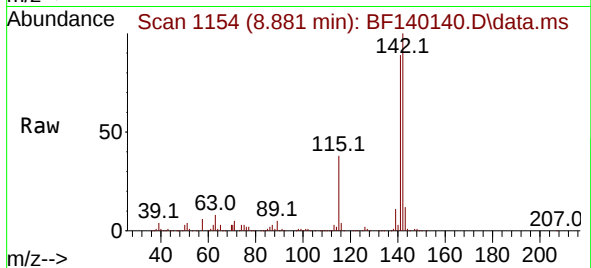
142 100

141 89.0 70.8 106.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#38

1-Methylnaphthalene

Concen: 38.308 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140140.D

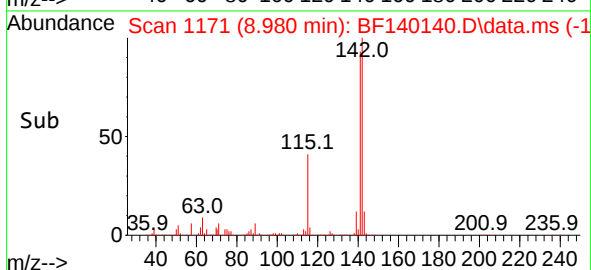
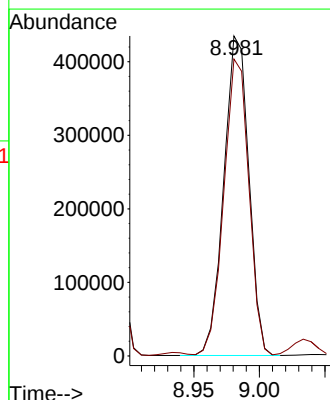
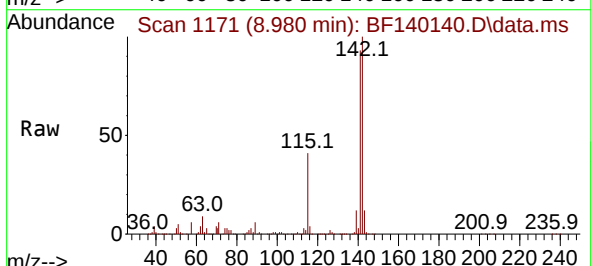
Acq: 30 Oct 2024 04:40

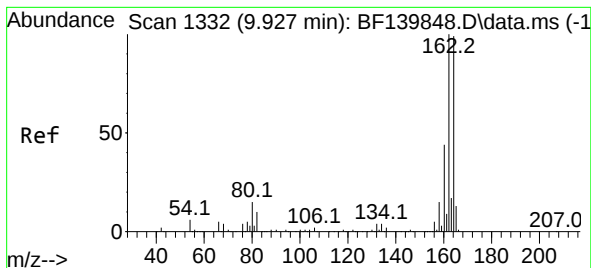
Tgt Ion:142 Resp: 576708

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF140140.D

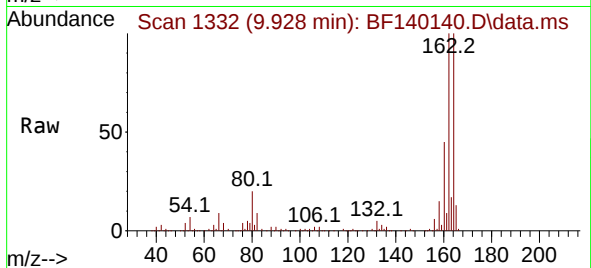
Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS



Tgt Ion:164 Resp: 254830

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

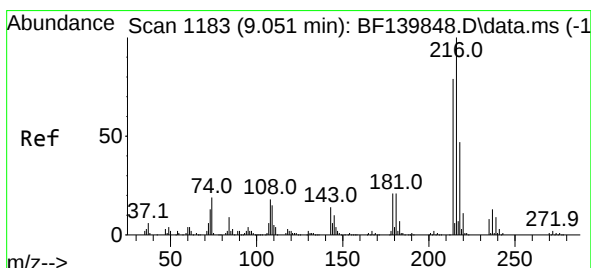
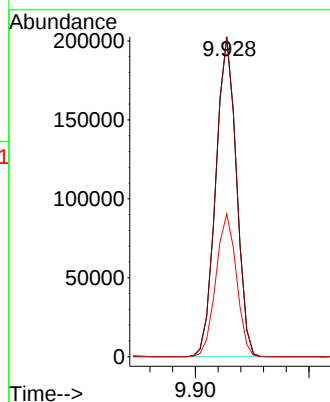
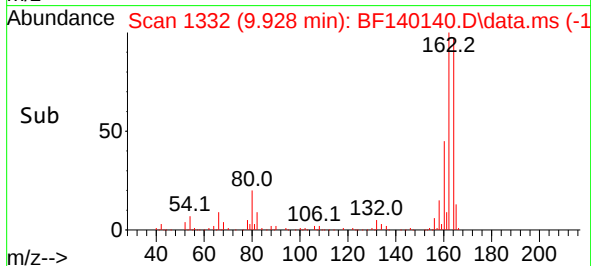
160 44.7 35.4 53.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.120 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Tgt Ion:216 Resp: 303331

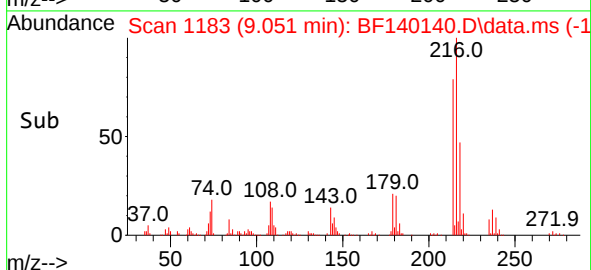
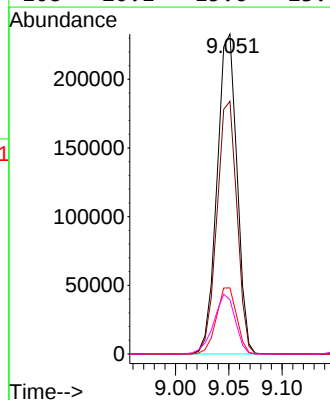
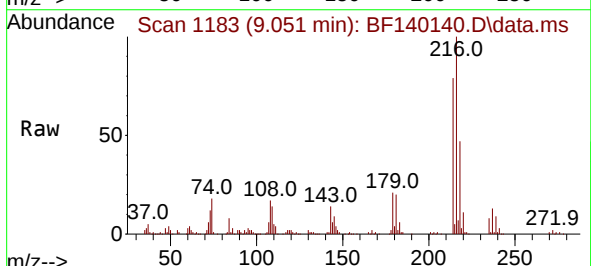
Ion Ratio Lower Upper

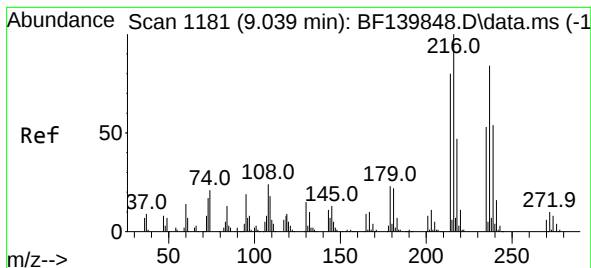
216 100

214 79.3 63.4 95.0

179 21.0 17.2 25.8

108 20.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 103.609 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:237 Resp: 24785

Ion Ratio Lower Upper

237 100

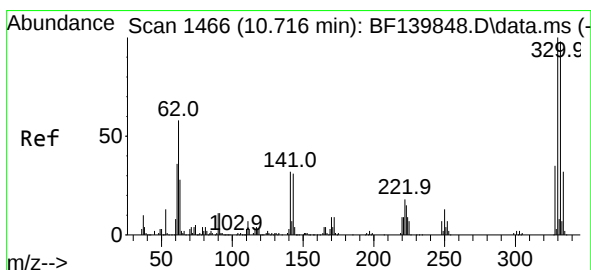
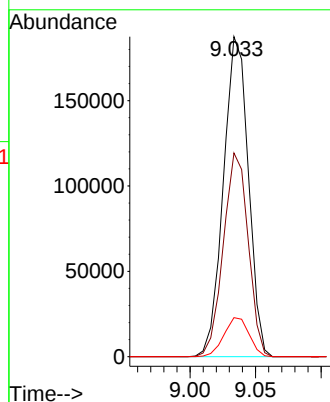
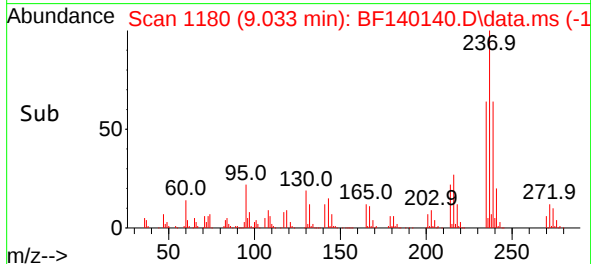
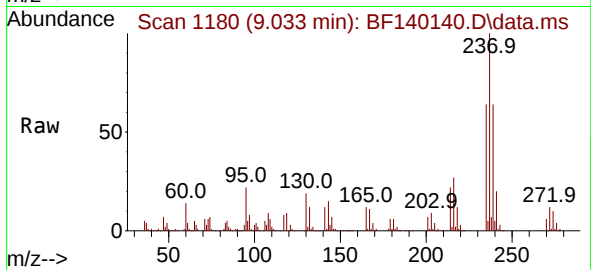
235 63.6 42.9 82.9

272 12.2 0.0 32.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#42

2,4,6-Tribromophenol

Concen: 112.918 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

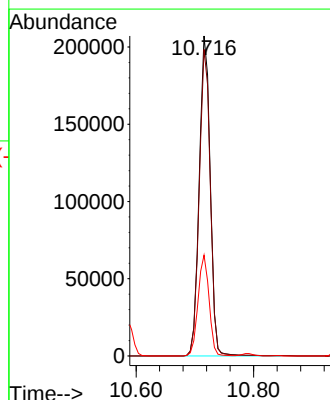
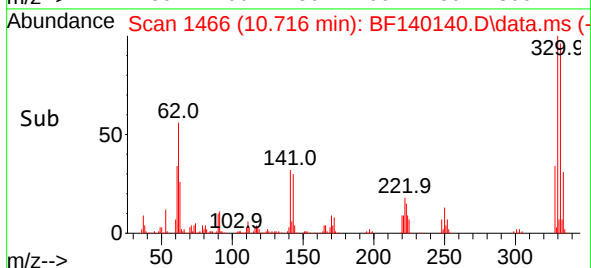
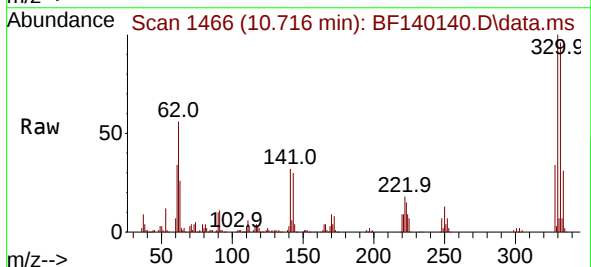
Tgt Ion:330 Resp: 269158

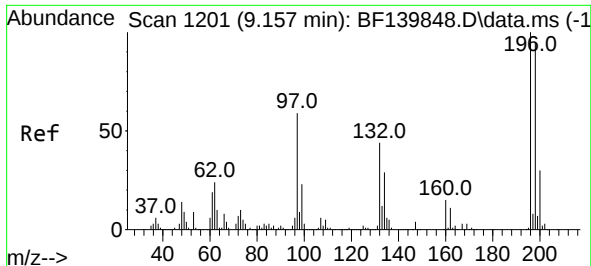
Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

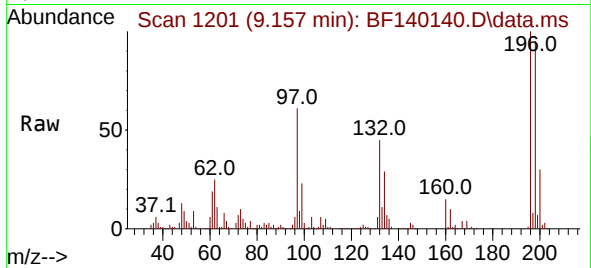
141 31.6 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 44.906 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

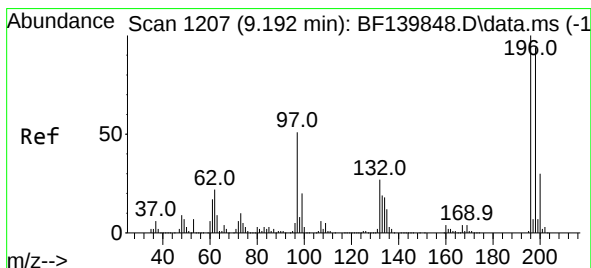
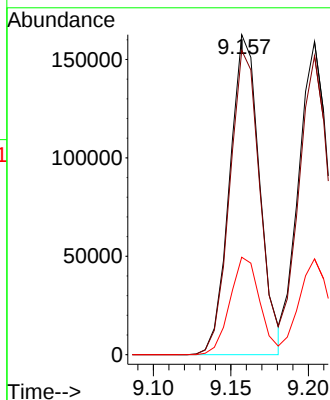
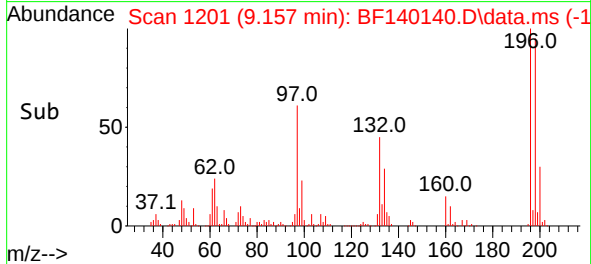
Instrument :
BNA_F
ClientSampleId :
TP-4MS



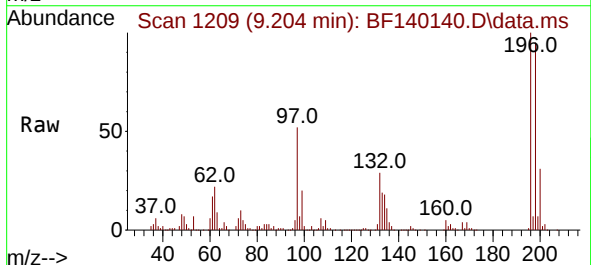
Tgt Ion:196 Resp: 218580
Ion Ratio Lower Upper
196 100
198 95.1 76.2 114.2
200 30.5 24.0 36.0

Manual Integrations
APPROVED

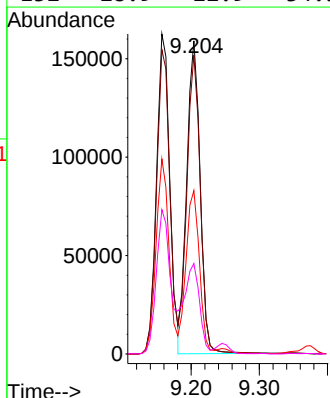
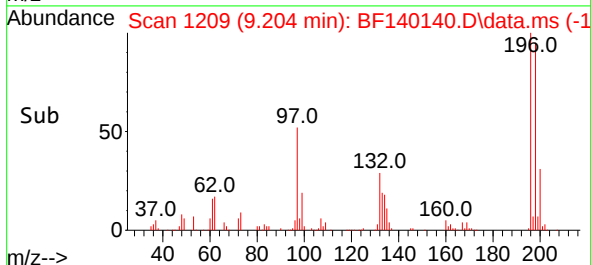
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

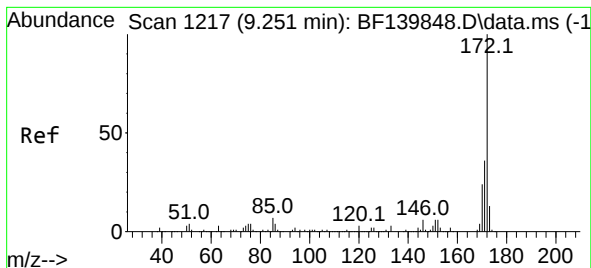


#44
2,4,5-Trichlorophenol
Concen: 43.021 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



Tgt Ion:196 Resp: 216046
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
97 52.2 41.8 62.6
132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 89.903 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:172 Resp: 1386240

Ion Ratio Lower Upper

172 100

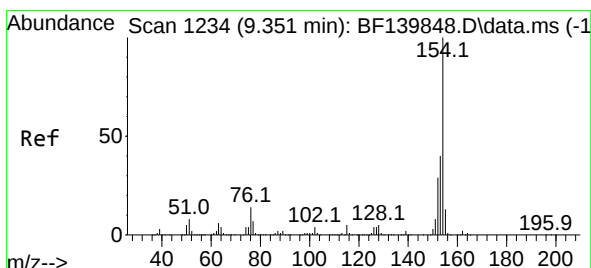
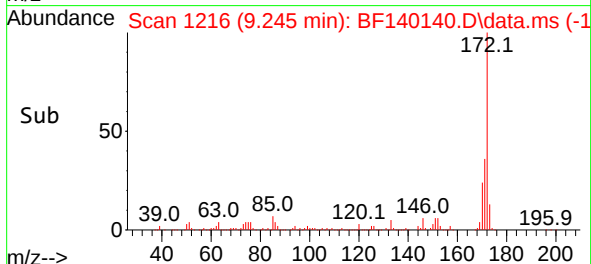
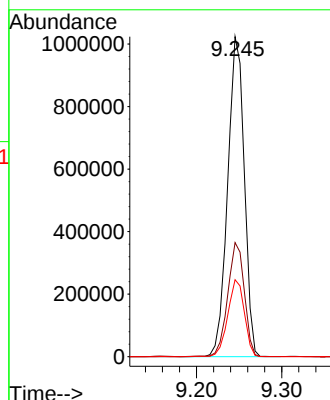
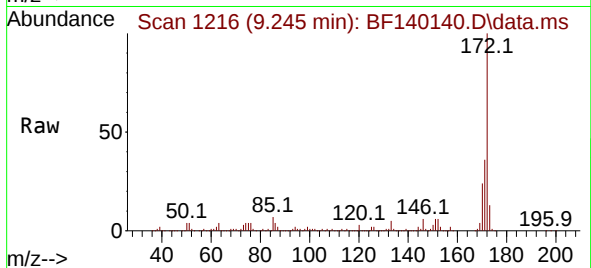
171 35.7 28.6 43.0

170 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 43.941 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

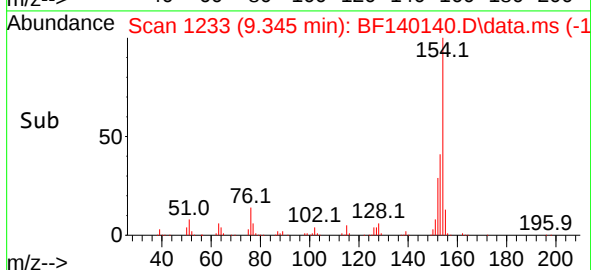
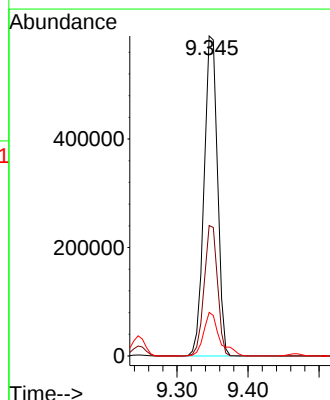
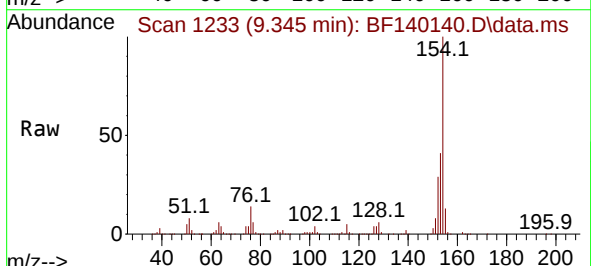
Tgt Ion:154 Resp: 779524

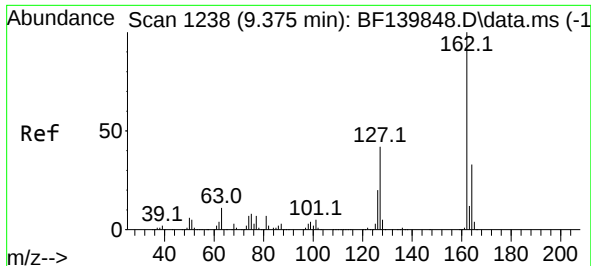
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.492 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:162 Resp: 60714

Ion Ratio Lower Upper

162 100

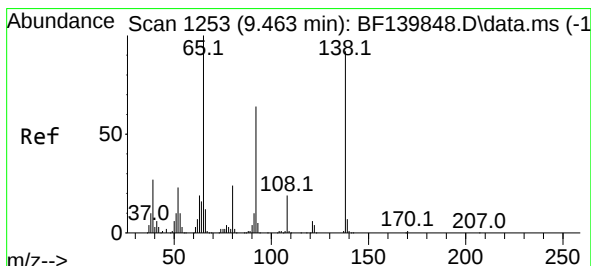
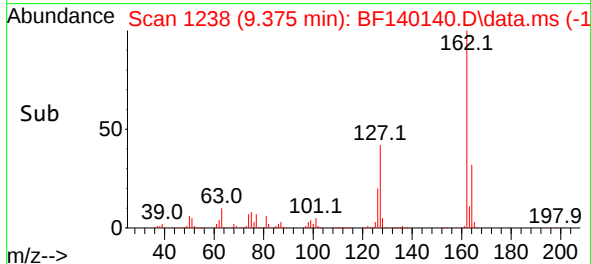
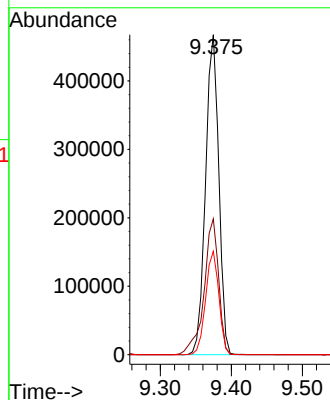
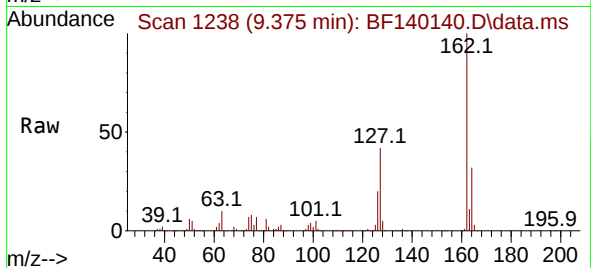
127 42.5 33.8 50.6

164 32.3 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#48

2-Nitroaniline

Concen: 49.382 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

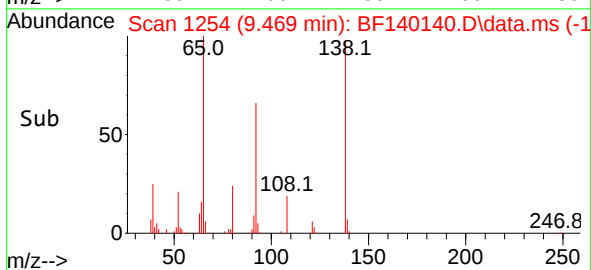
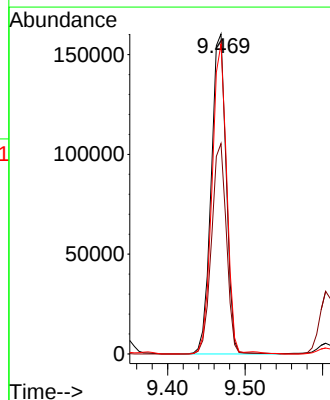
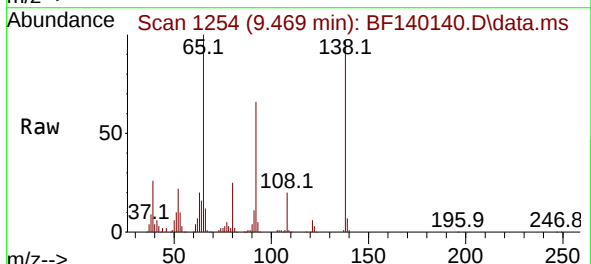
Tgt Ion: 65 Resp: 215798

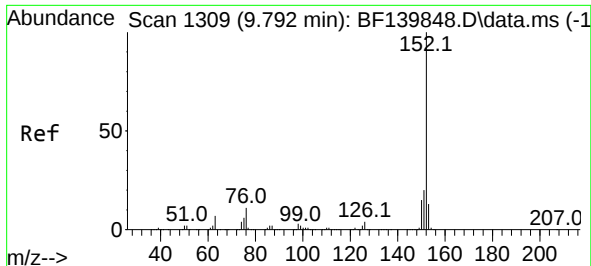
Ion Ratio Lower Upper

65 100

92 65.8 50.9 76.3

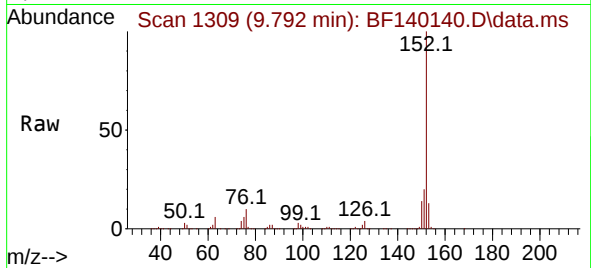
138 96.9 73.4 110.0





#49
Acenaphthylene
Concen: 45.859 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

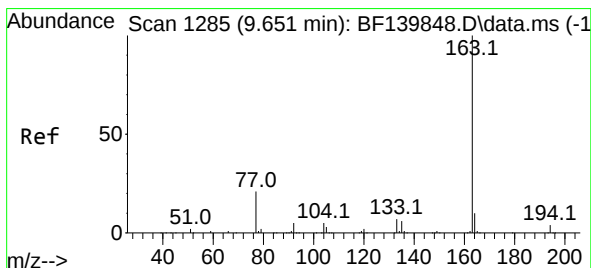
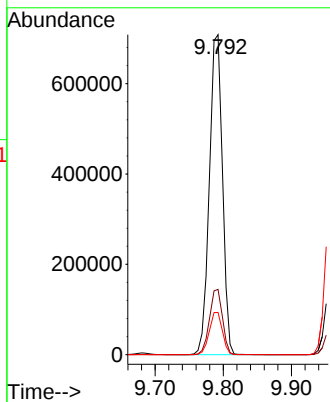
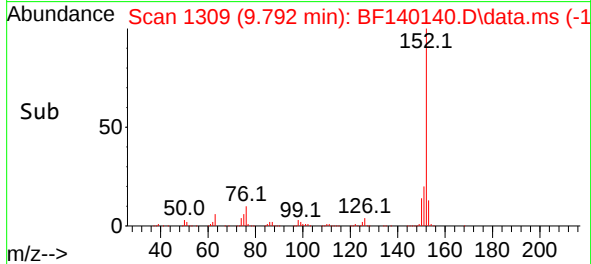
Instrument :
BNA_F
Client SampleId :
TP-4MS



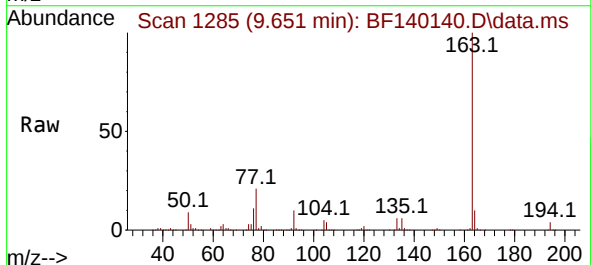
Tgt Ion:152 Resp: 94728
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.2 10.7 16.1

Manual Integrations
APPROVED

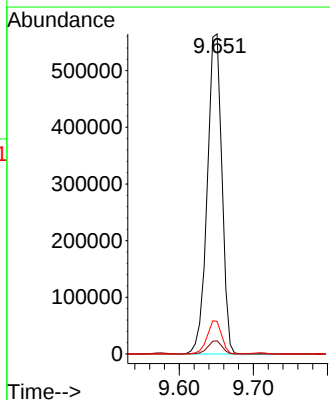
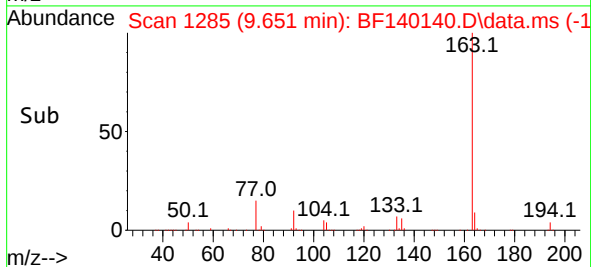
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

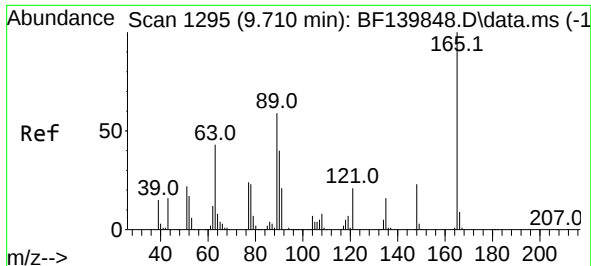


#50
Dimethylphthalate
Concen: 48.621 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



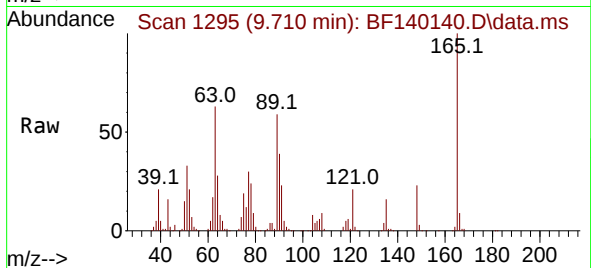
Tgt Ion:163 Resp: 771766
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.333 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

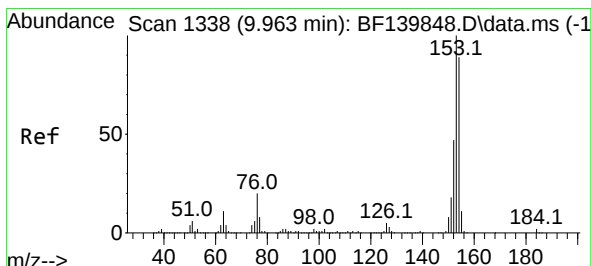
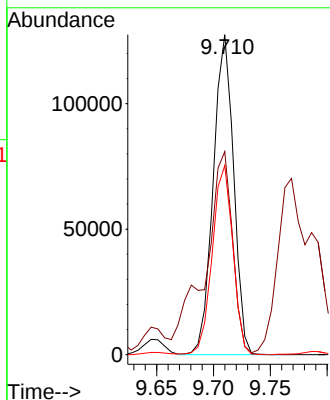
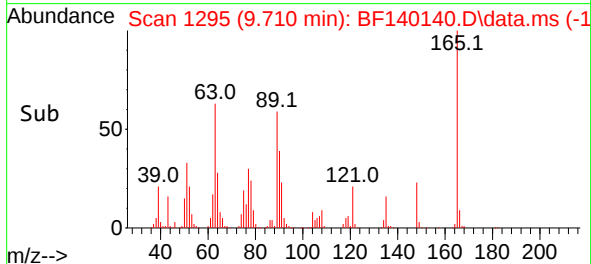
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:165 Resp: 15924
Ion Ratio Lower Upper
165 100
63 63.4 50.6 75.8
89 59.1 47.5 71.3

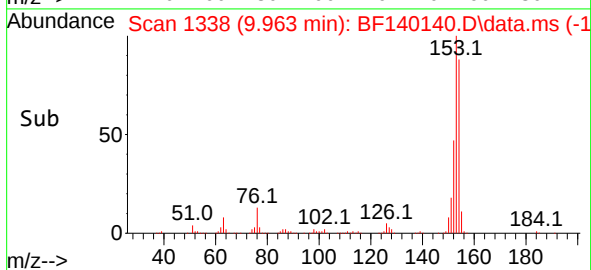
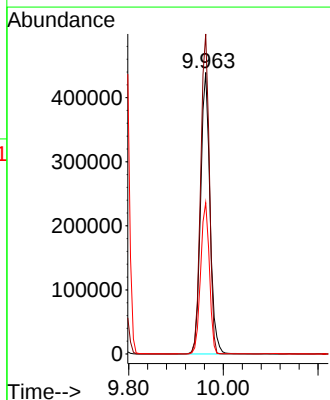
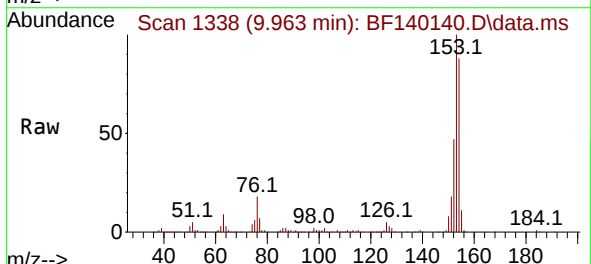
Manual Integrations
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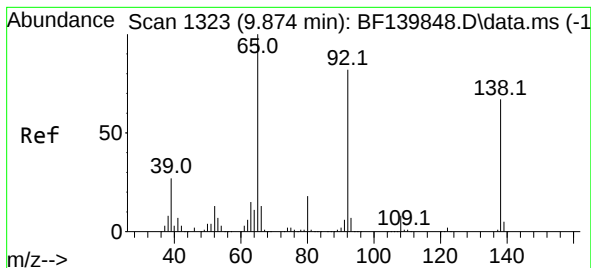
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 44.930 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Tgt Ion:154 Resp: 600386
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.6
152 53.7 42.4 63.6





#53

3-Nitroaniline

Concen: 26.964 ng

RT: 9.875 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

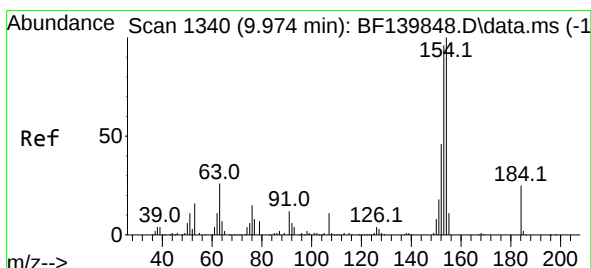
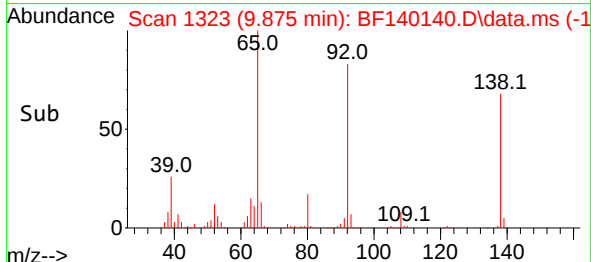
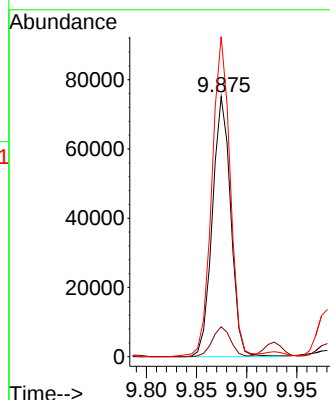
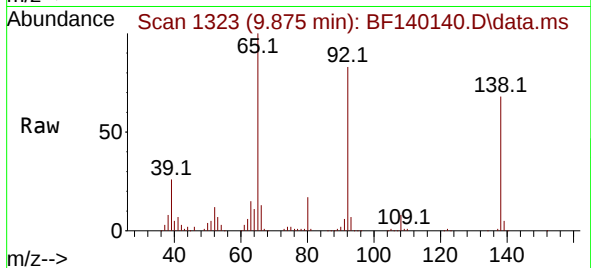
Tgt Ion:138 Resp: 9556

Ion	Ratio	Lower	Upper
138	100		
108	11.5	10.2	15.2
92	123.1	98.3	147.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#54

2,4-Dinitrophenol

Concen: 48.895 ng

RT: 9.980 min Scan# 1341

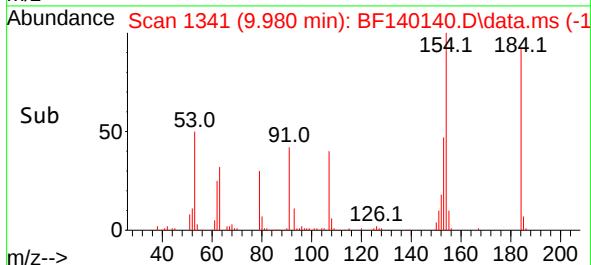
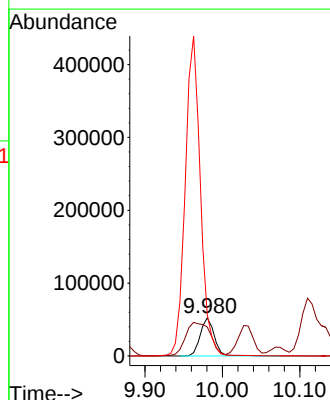
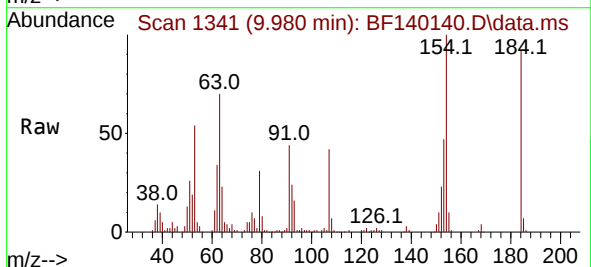
Delta R.T. 0.006 min

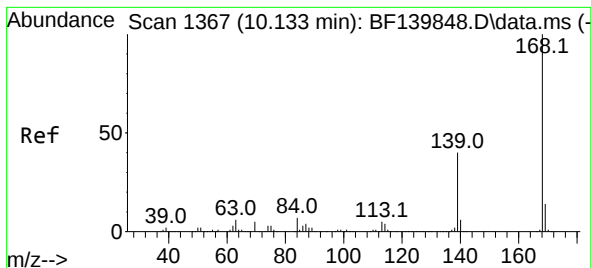
Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Tgt Ion:184 Resp: 65873

Ion	Ratio	Lower	Upper
184	100		
63	76.2	84.7	127.1#
154	108.9	338.2	507.2#





#55

Dibenzenofuran

Concen: 43.753 ng

RT: 10.133 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:168 Resp: 838838

Ion Ratio Lower Upper

168 100

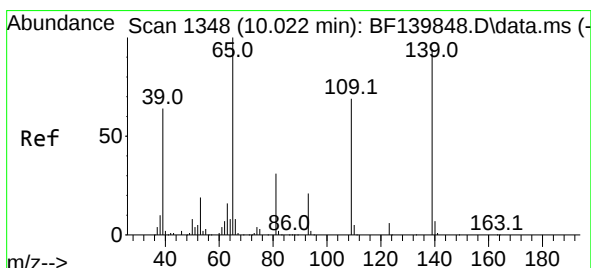
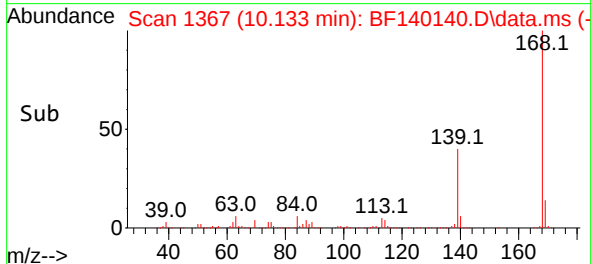
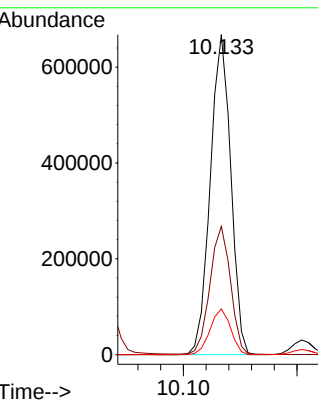
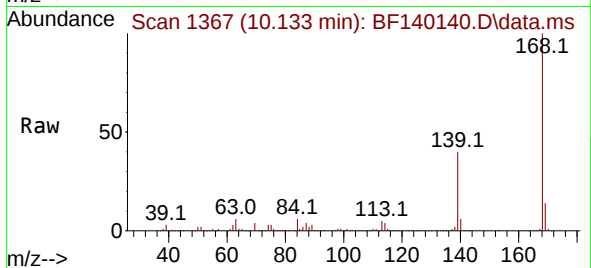
139 40.1 31.8 47.6

169 14.3 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56

4-Nitrophenol

Concen: 67.033 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

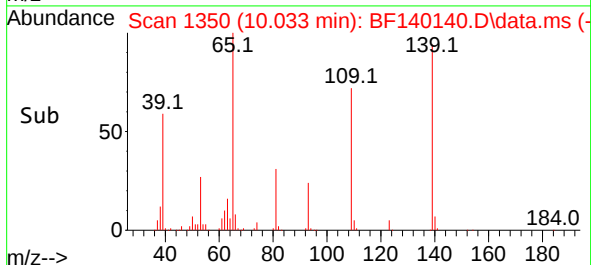
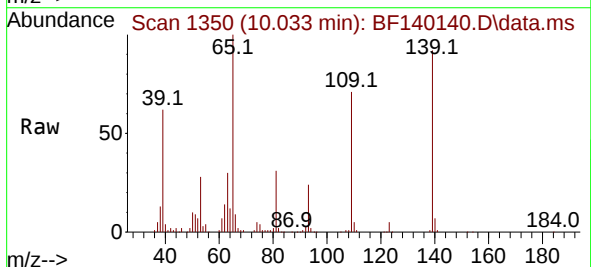
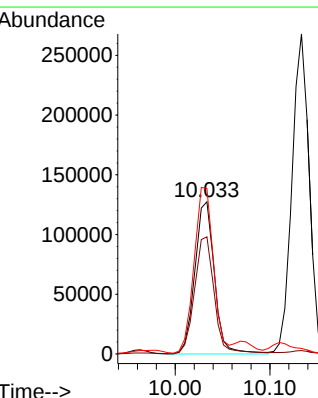
Tgt Ion:139 Resp: 182783

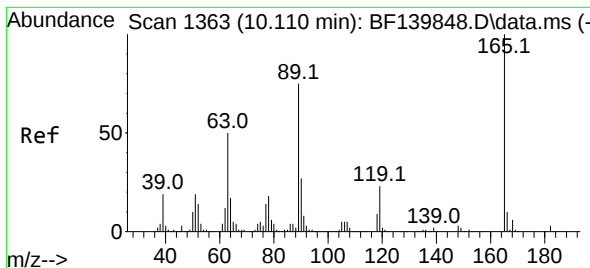
Ion Ratio Lower Upper

139 100

109 76.9 53.6 93.6

65 108.7 87.8 127.8





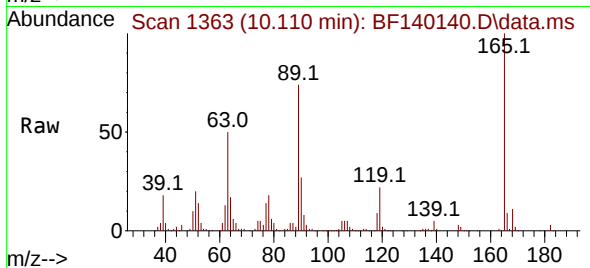
#57
2,4-Dinitrotoluene
Concen: 48.496 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

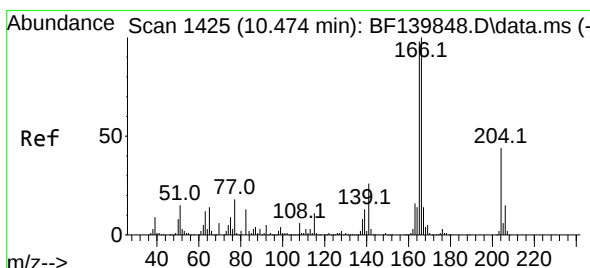
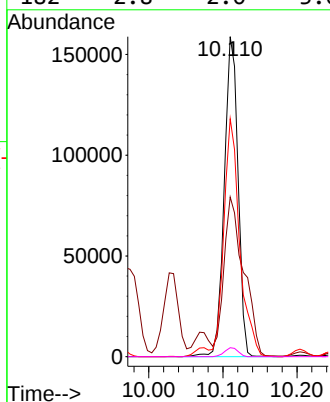
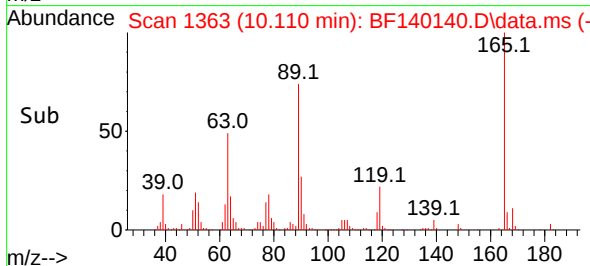


Tgt Ion:165 Resp: 204963
Ion Ratio Lower Upper
165 100
63 49.9 40.1 60.1
89 74.4 60.4 90.6
182 2.8 2.0 3.0

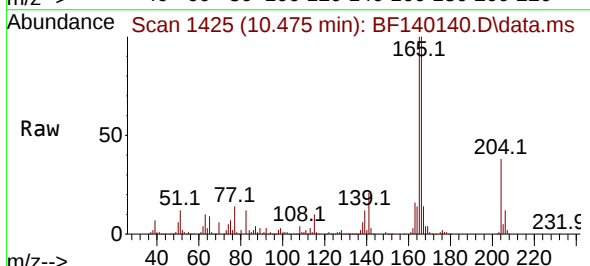
Manual Integrations

APPROVED

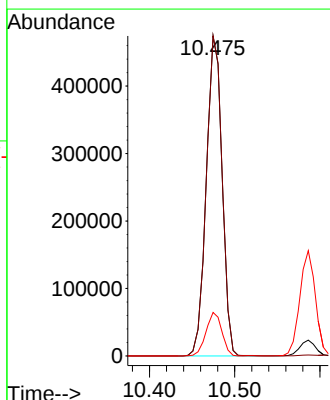
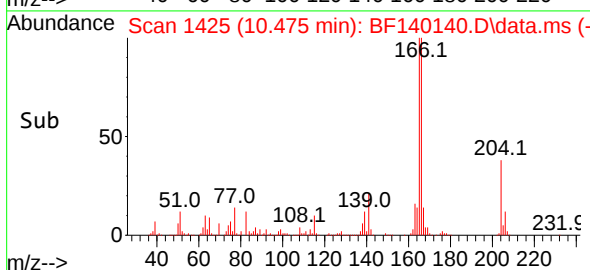
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

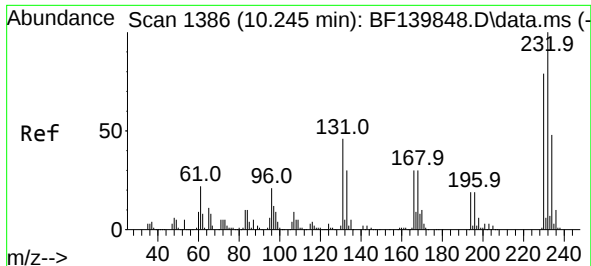


#58
Fluorene
Concen: 41.911 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



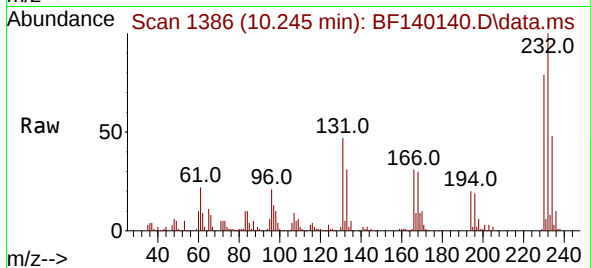
Tgt Ion:166 Resp: 612009
Ion Ratio Lower Upper
166 100
165 100.0 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.256 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

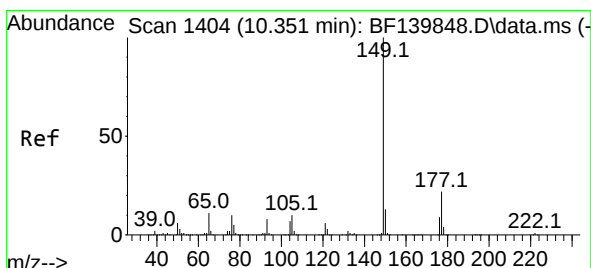
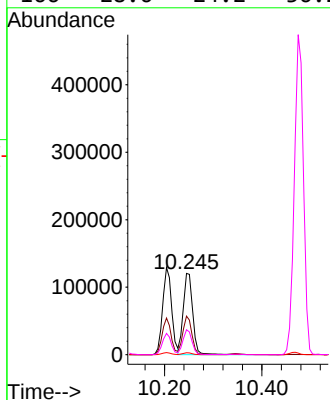
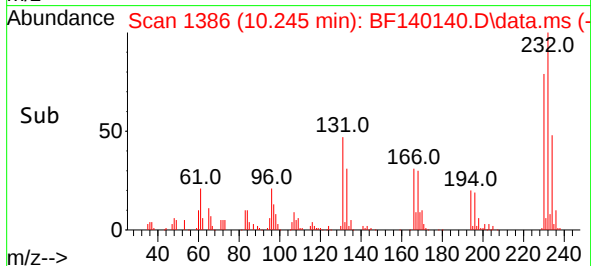
Instrument :
BNA_F
ClientSampleId :
TP-4MS



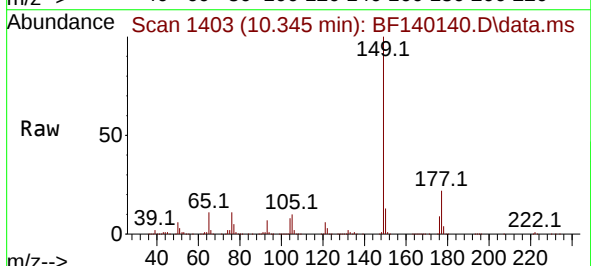
Tgt Ion:232 Resp: 162418
Ion Ratio Lower Upper
232 100
131 45.0 37.0 55.6
130 2.3 1.9 2.9
166 28.6 24.2 36.2

Manual Integrations
APPROVED

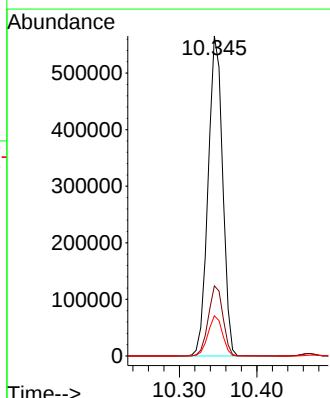
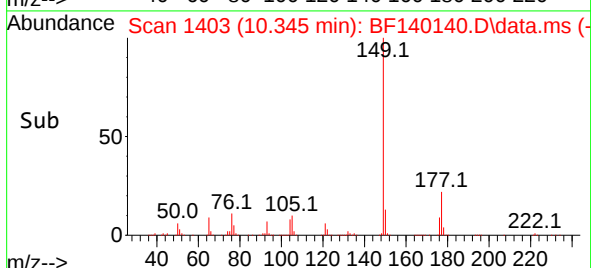
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

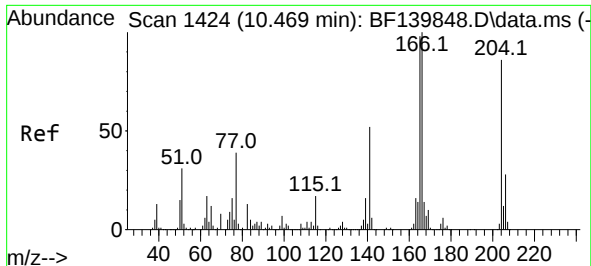


#60
Diethylphthalate
Concen: 47.180 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



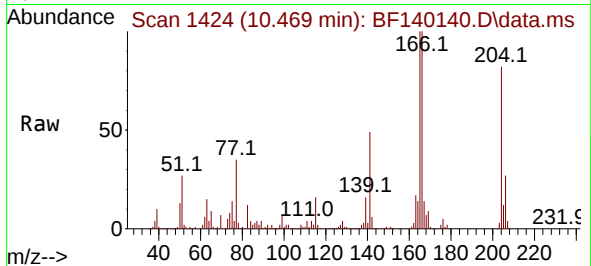
Tgt Ion:149 Resp: 735308
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.929 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

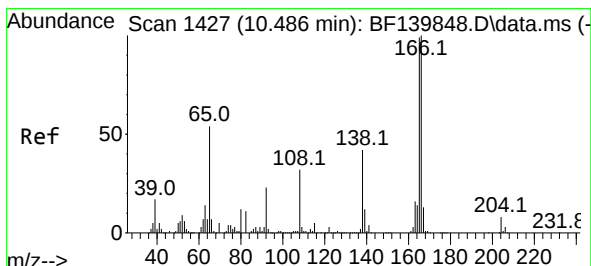
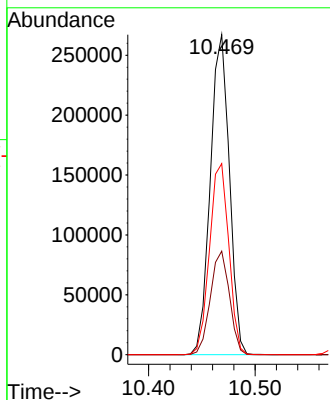
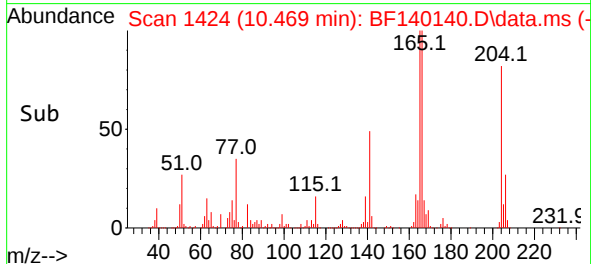
Instrument :
BNA_F
ClientSampleId :
TP-4MS



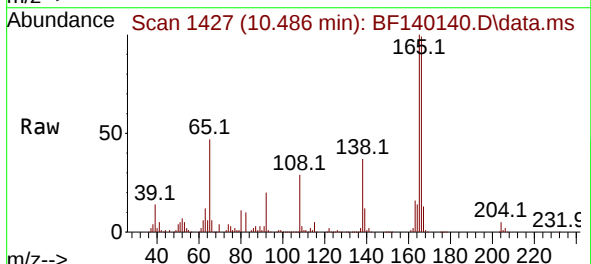
Tgt Ion:204 Resp: 33132
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 59.7 48.6 73.0

Manual Integrations
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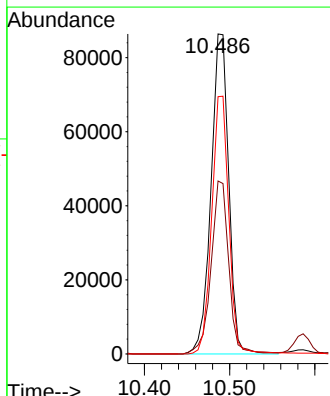
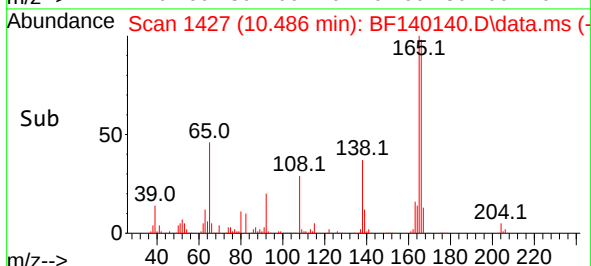
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

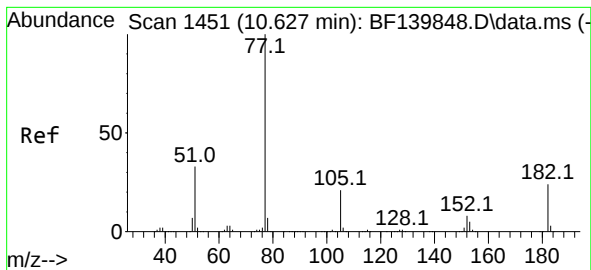


#62
4-Nitroaniline
Concen: 37.453 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



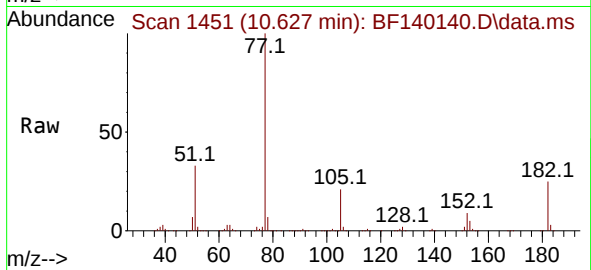
Tgt Ion:138 Resp: 125371
Ion Ratio Lower Upper
138 100
92 54.0 35.7 75.7
108 80.4 57.5 97.5





#63
Azobenzene
Concen: 42.912 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

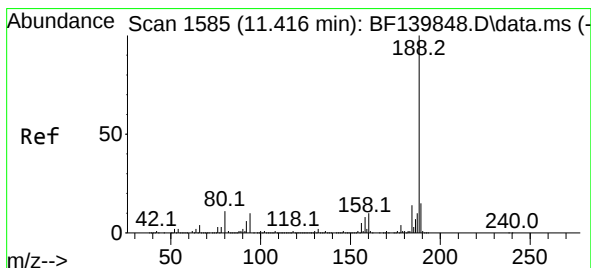
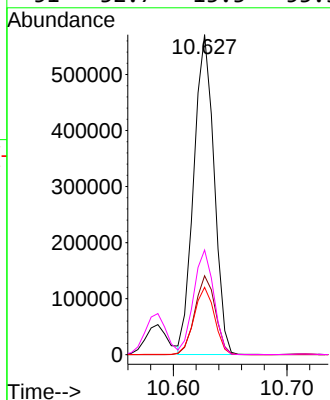
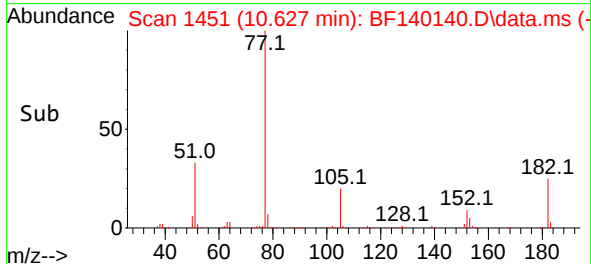
Instrument :
BNA_F
ClientSampleId :
TP-4MS



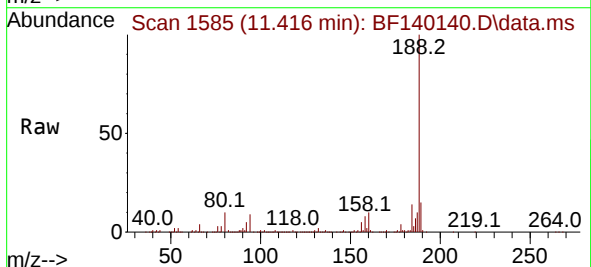
Tgt Ion: 77 Resp: 709028
Ion Ratio Lower Upper
77 100
182 24.6 3.3 43.3
105 21.1 1.2 41.2
51 32.7 13.3 53.3

Manual Integrations
APPROVED

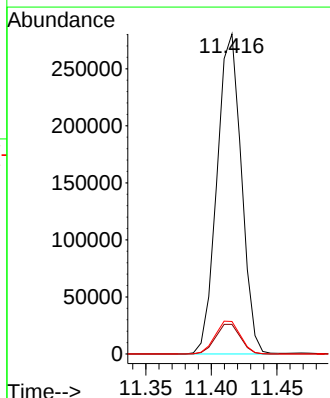
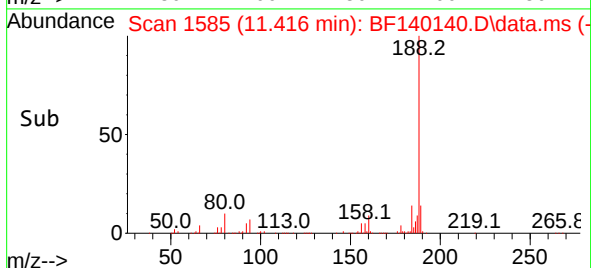
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

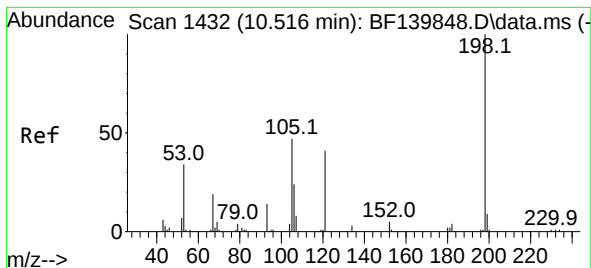


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



Tgt Ion:188 Resp: 363078
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.2 9.0 13.4





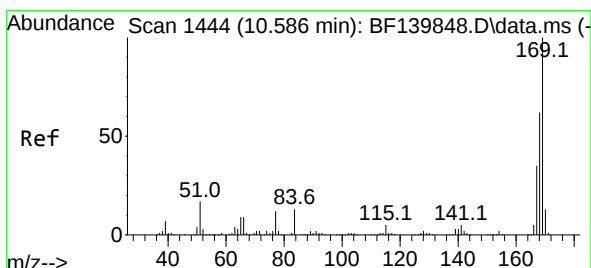
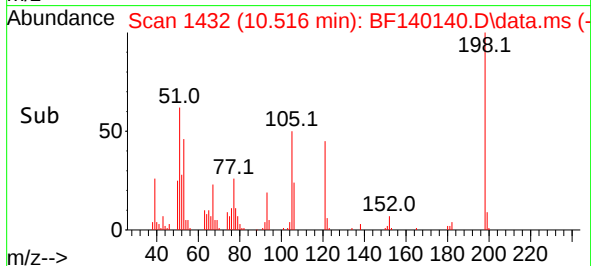
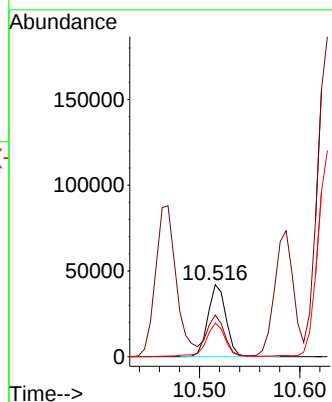
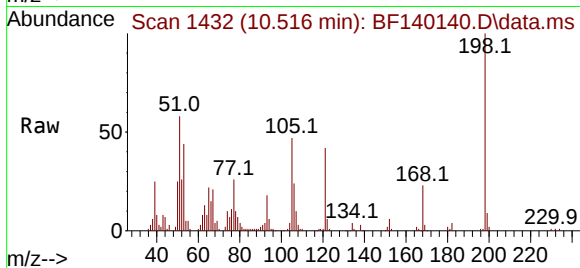
#65
4,6-Dinitro-2-methylphenol
Concen: 35.379 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:198 Resp: 52390
Ion Ratio Lower Upper
198 100
51 57.9 38.2 78.2
105 46.7 27.9 67.9

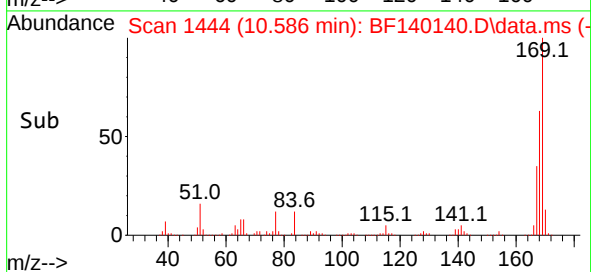
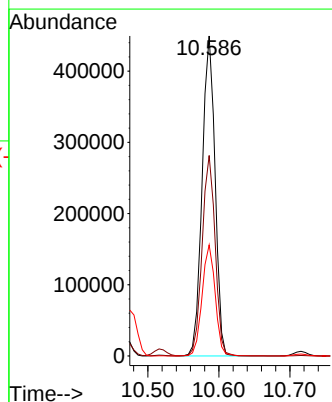
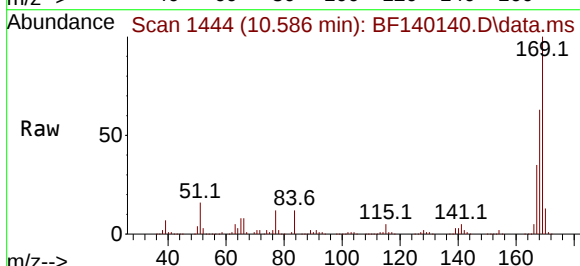
Manual Integrations
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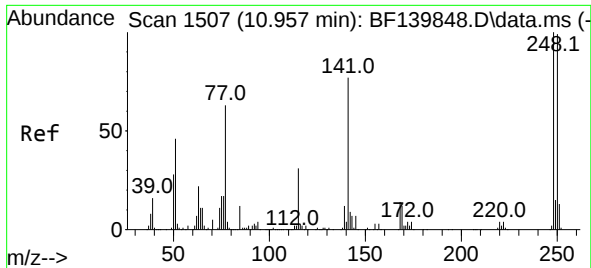
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 52.412 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

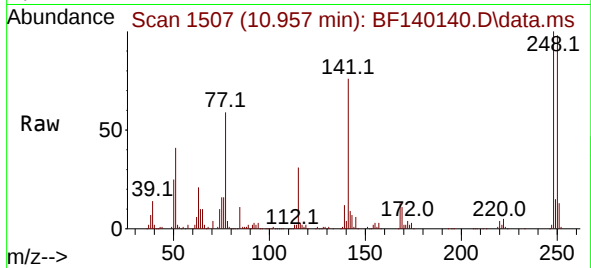
Tgt Ion:169 Resp: 569552
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.7 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 53.061 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

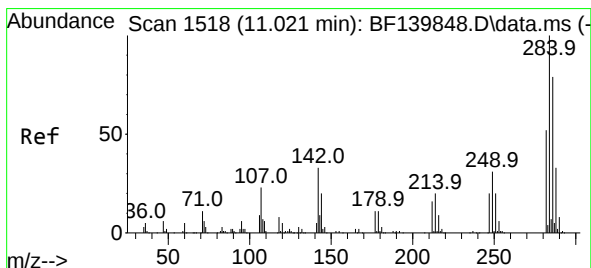
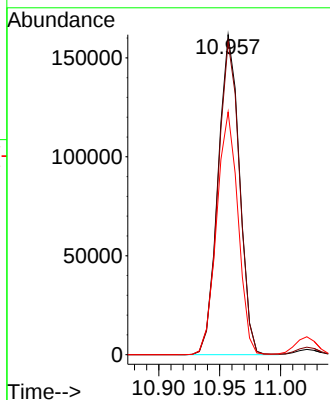
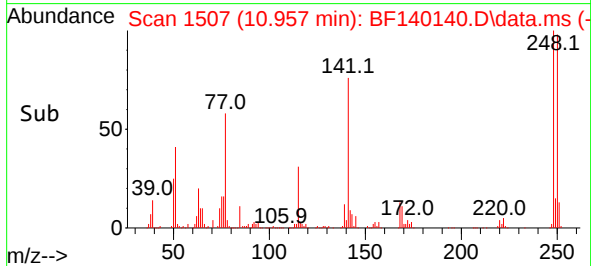
Instrument :
BNA_F
ClientSampleId :
TP-4MS



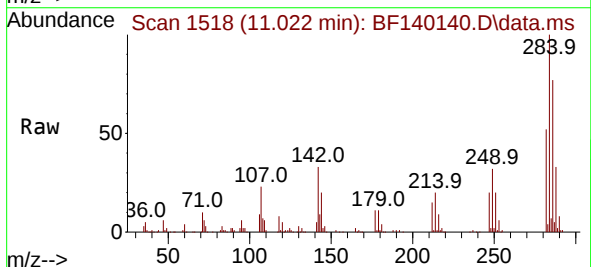
Tgt Ion:248 Resp: 198468
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.6
141 75.8 61.7 92.5

Manual Integrations
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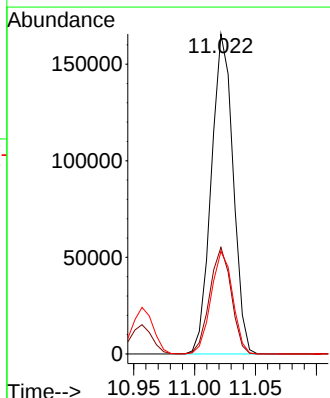
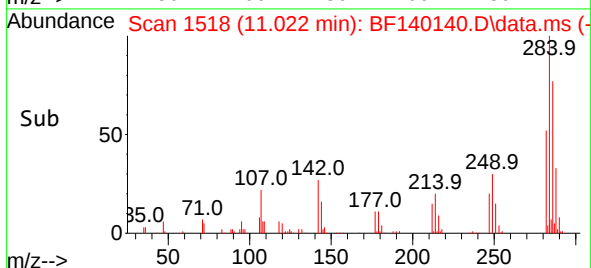
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

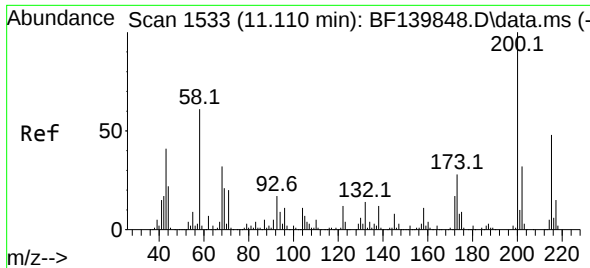


#68
Hexachlorobenzene
Concen: 49.051 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



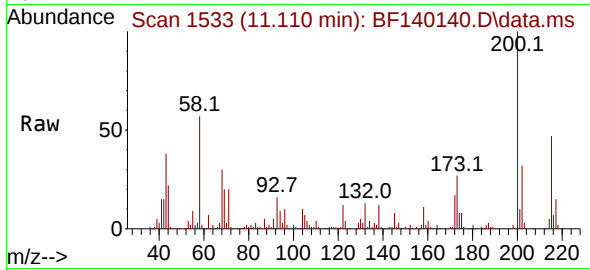
Tgt Ion:284 Resp: 206343
Ion Ratio Lower Upper
284 100
142 33.3 26.9 40.3
249 32.0 25.3 37.9





#69
Atrazine
Concen: 49.393 ng
RT: 11.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

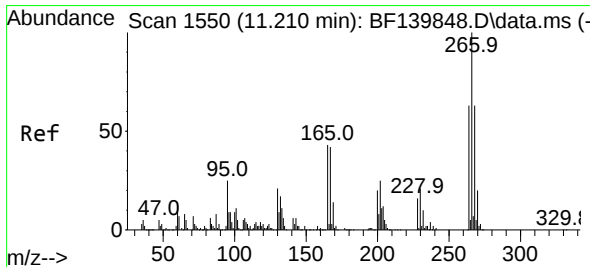
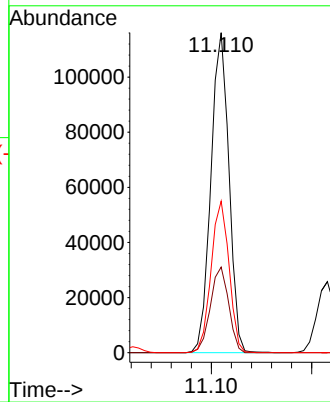
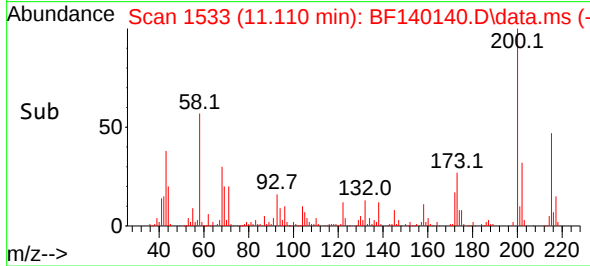
Instrument :
BNA_F
ClientSampleId :
TP-4MS



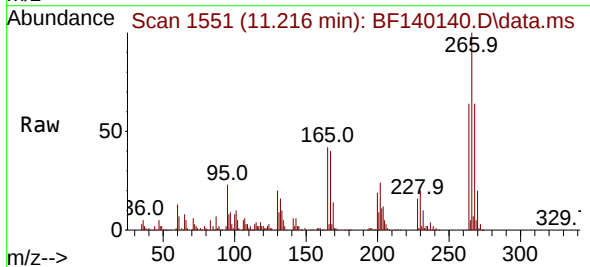
Tgt Ion:200 Resp: 145397
Ion Ratio Lower Upper
200 100
173 26.8 7.7 47.7
215 47.4 27.7 67.7

Manual Integrations
APPROVED

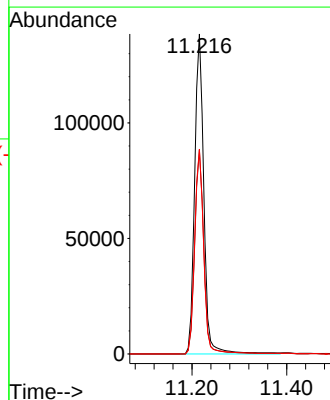
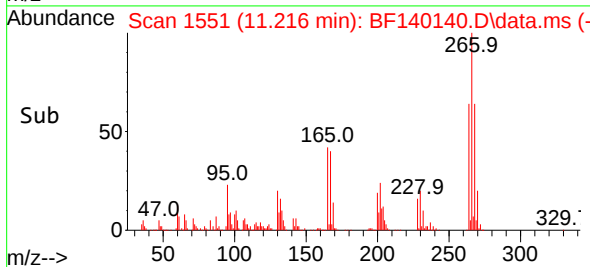
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

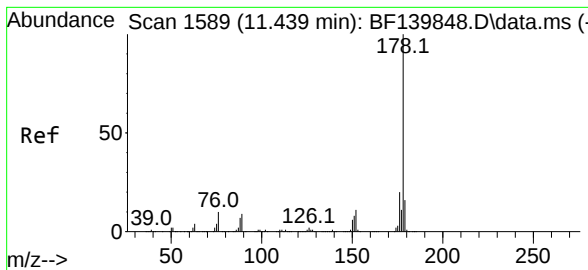


#70
Pentachlorophenol
Concen: 73.311 ng
RT: 11.216 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



Tgt Ion:266 Resp: 187167
Ion Ratio Lower Upper
266 100
268 63.7 50.4 75.6
264 64.0 50.6 75.8





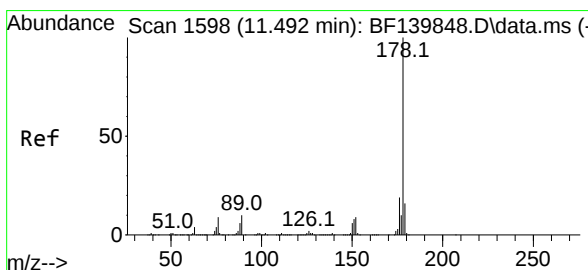
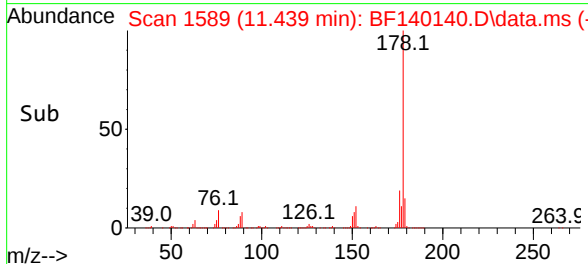
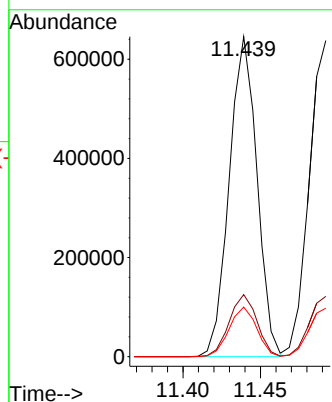
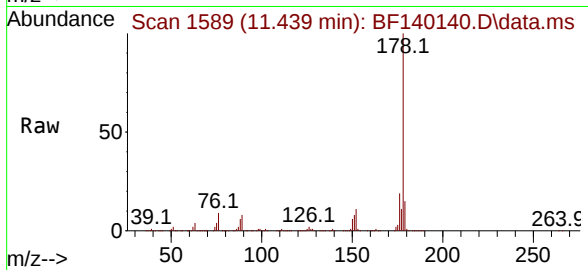
#71
Phenanthrene
Concen: 46.796 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:178 Resp: 802558
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.6 18.8

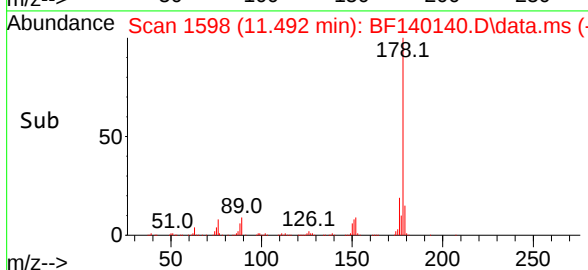
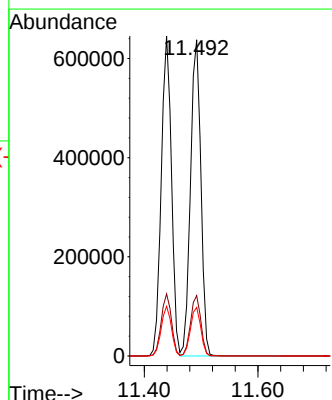
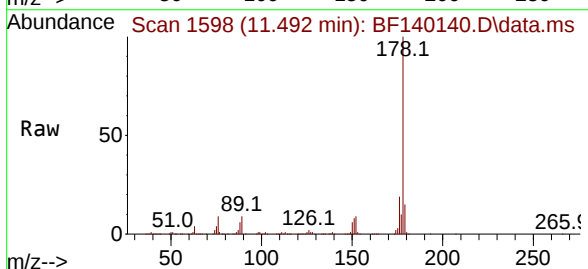
Manual Integrations
APPROVED

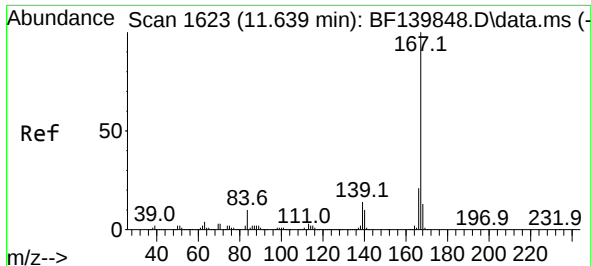
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 48.351 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

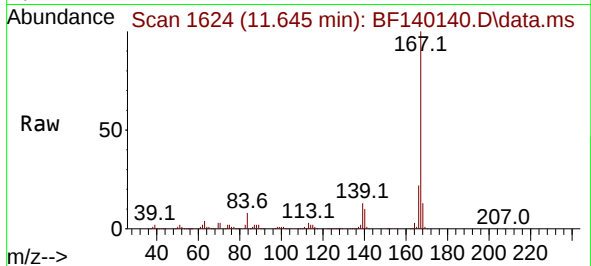
Tgt Ion:178 Resp: 809069
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.4 18.6





#73
Carbazole
Concen: 42.838 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

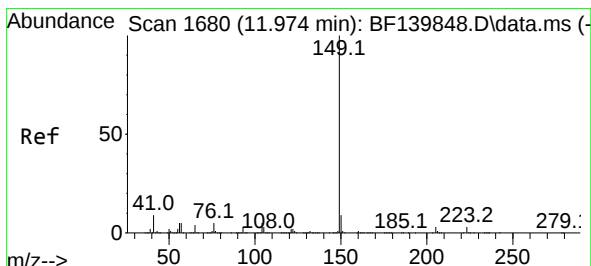
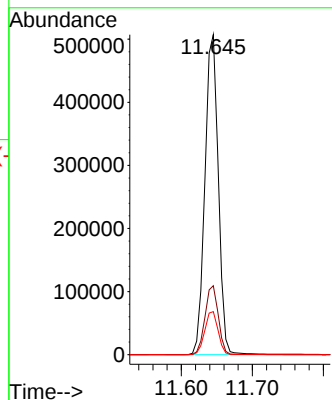
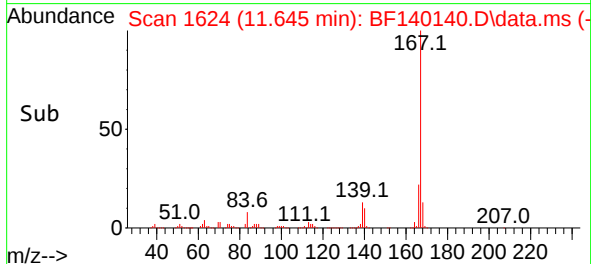
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:167 Resp: 66666
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.4 10.8 16.2

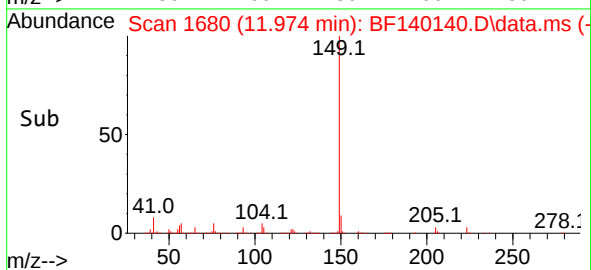
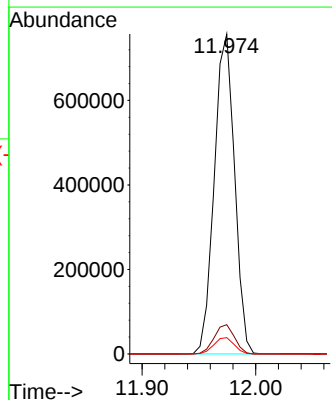
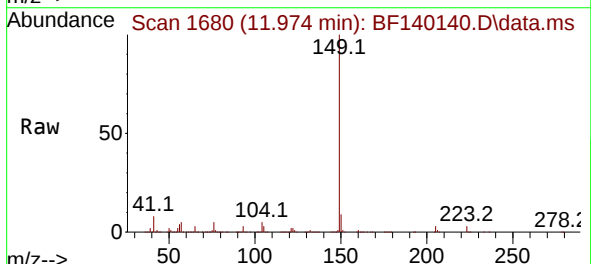
Manual Integrations
APPROVED

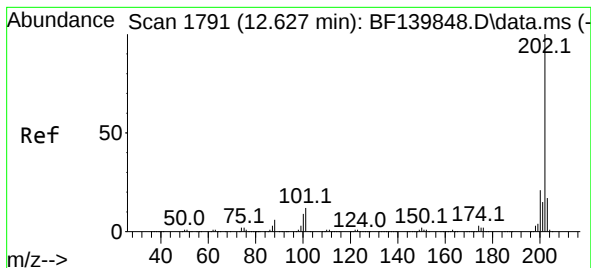
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#74
Di-n-butylphthalate
Concen: 52.273 ng
RT: 11.974 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Tgt Ion:149 Resp: 939848
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 43.711 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:202 Resp: 757838

Ion Ratio Lower Upper

202 100

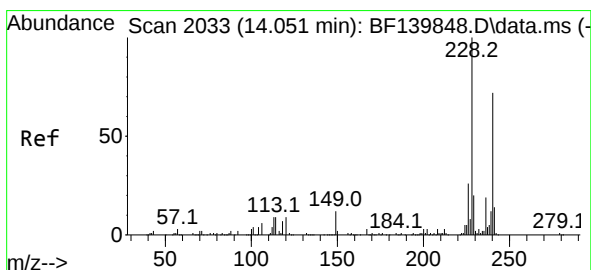
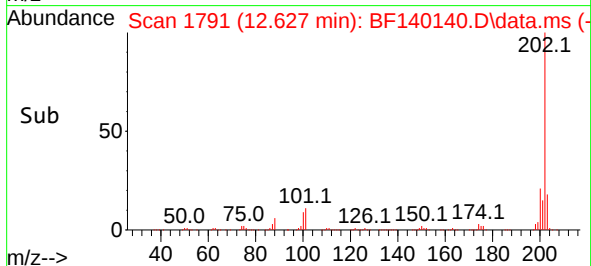
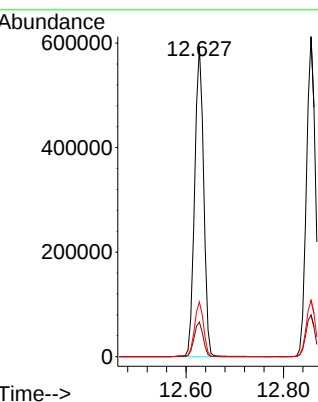
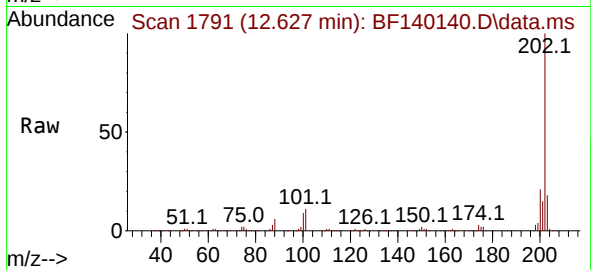
101 11.2 0.0 31.9

203 17.6 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

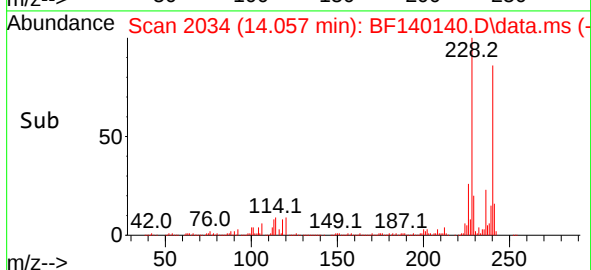
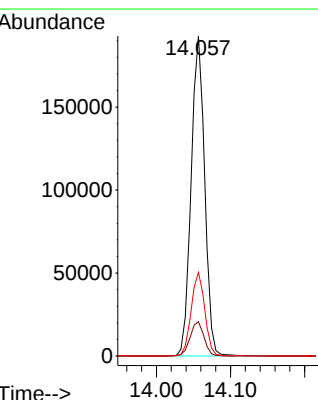
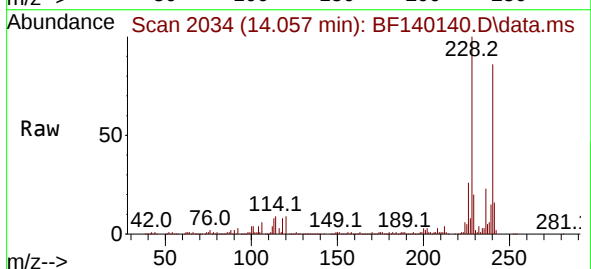
Tgt Ion:240 Resp: 244508

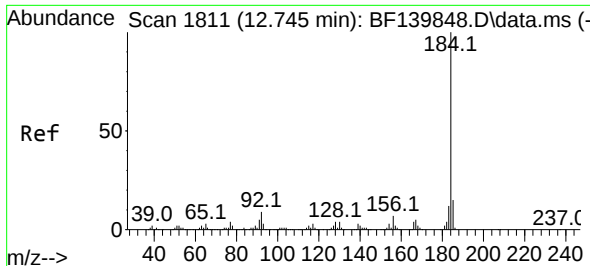
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

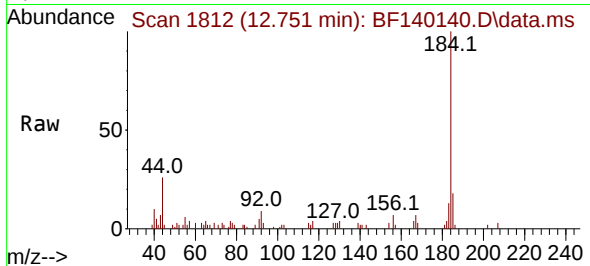
236 26.2 20.9 31.3





#77
Benzidine
Concen: 5.668 ng
RT: 12.751 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

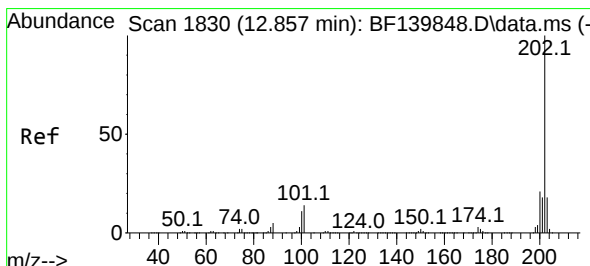
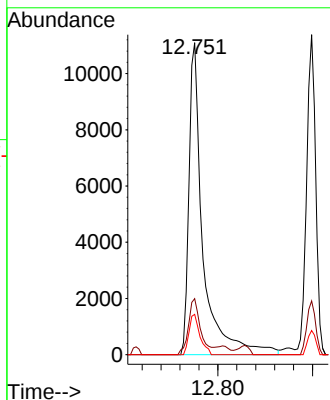
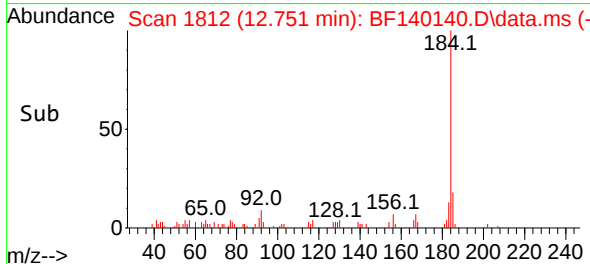
Instrument :
BNA_F
ClientSampleId :
TP-4MS



Tgt Ion:184 Resp: 2278
Ion Ratio Lower Upper
184 100
185 18.0 12.0 18.0
183 12.9 9.4 14.2

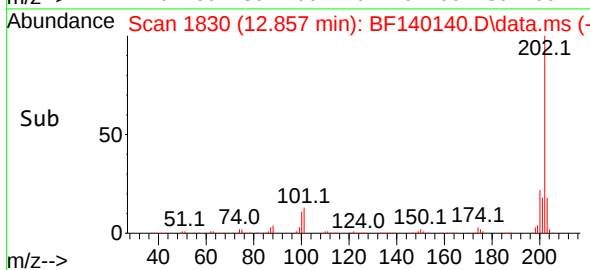
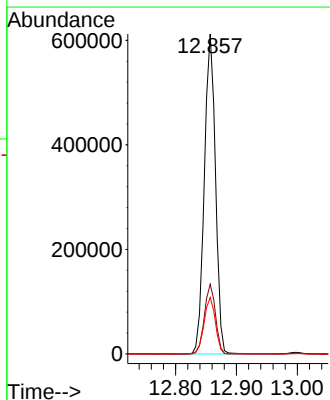
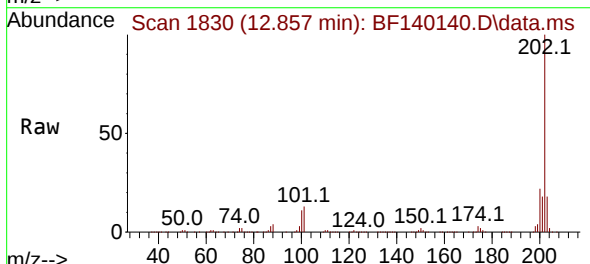
Manual Integrations
APPROVED

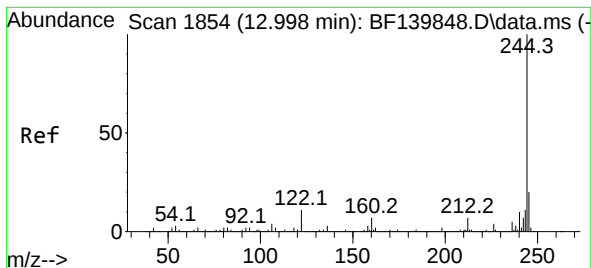
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 36.376 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

Tgt Ion:202 Resp: 778531
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 76.450 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:244 Resp: 1147158

Ion Ratio Lower Upper

244 100

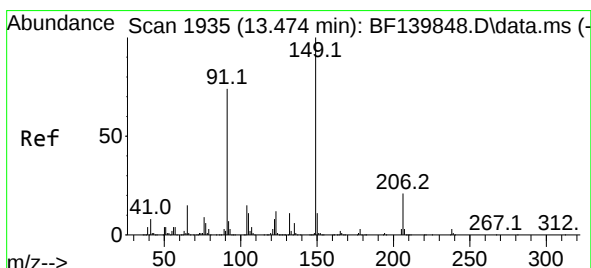
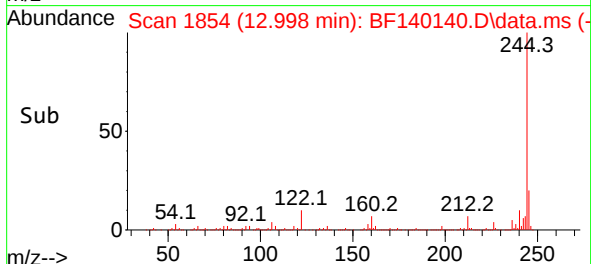
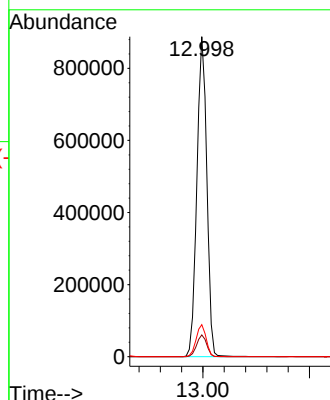
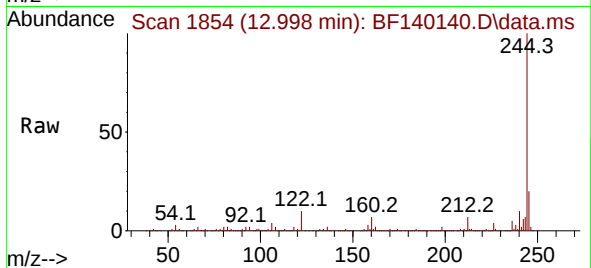
212 6.8 5.7 8.5

122 10.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 51.989 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

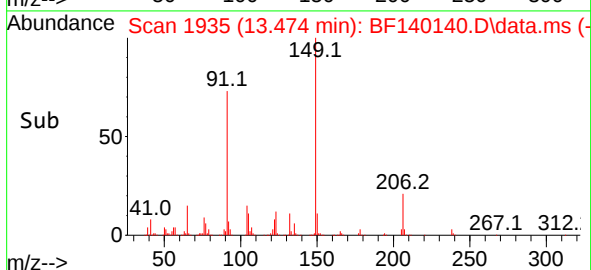
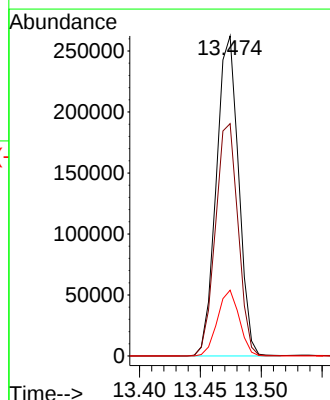
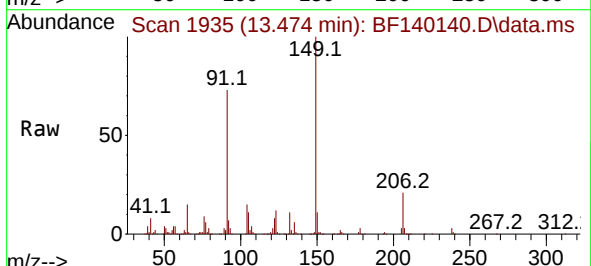
Tgt Ion:149 Resp: 333588

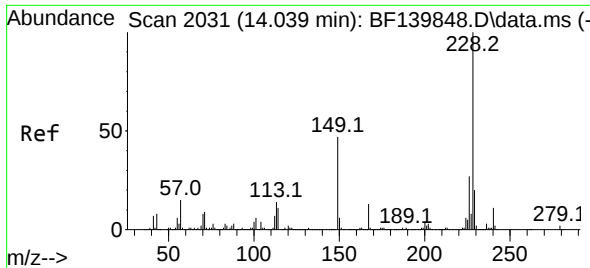
Ion Ratio Lower Upper

149 100

91 72.6 59.4 89.2

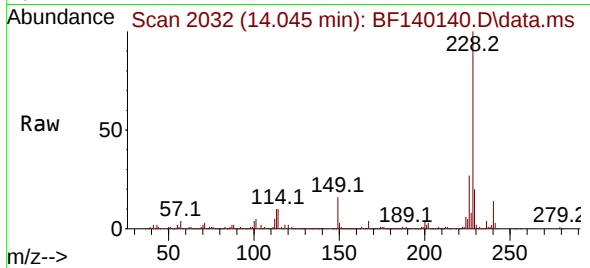
206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 47.378 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

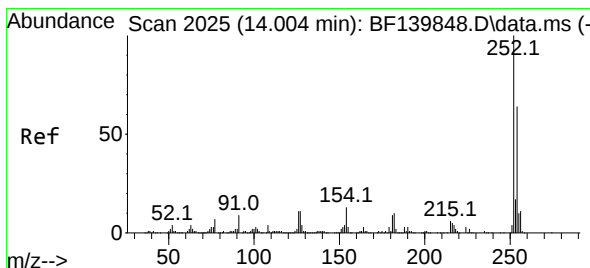
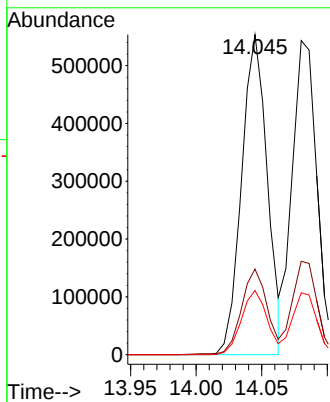
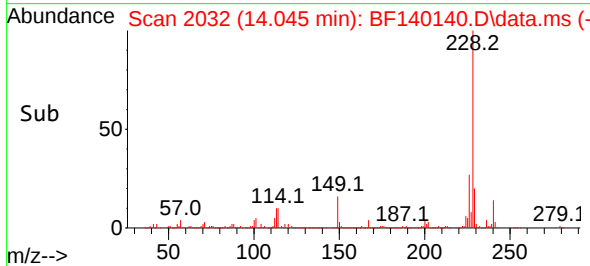
Instrument :
BNA_F
ClientSampleId :
TP-4MS



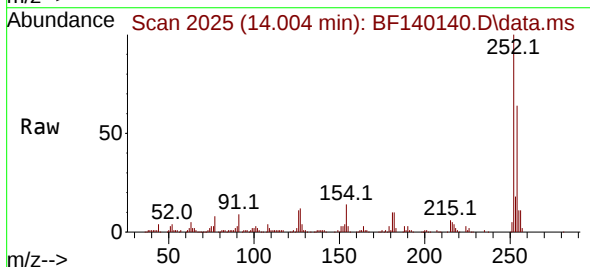
Tgt Ion:228 Resp: 75409
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 20.0 16.1 24.1

Manual Integrations
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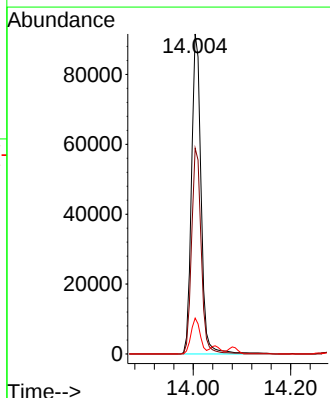
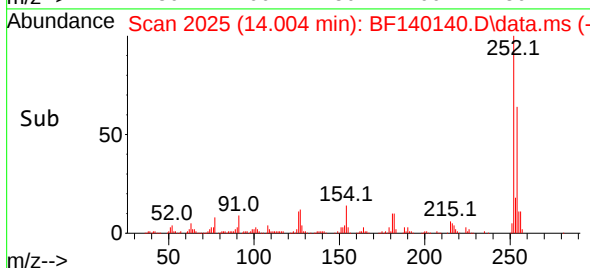
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

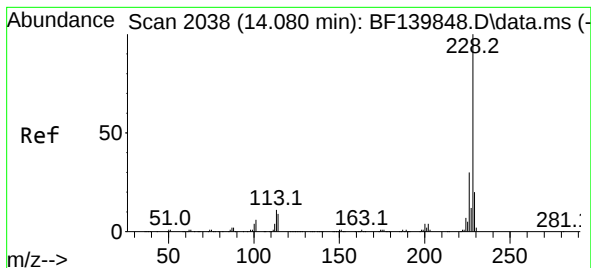


#82
3,3'-Dichlorobenzidine
Concen: 26.910 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



Tgt Ion:252 Resp: 124885
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 11.2 8.9 13.3





#83

Chrysene

Concen: 48.723 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

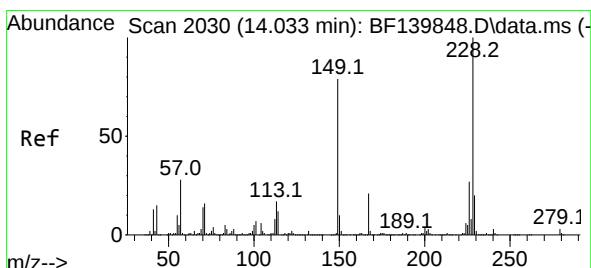
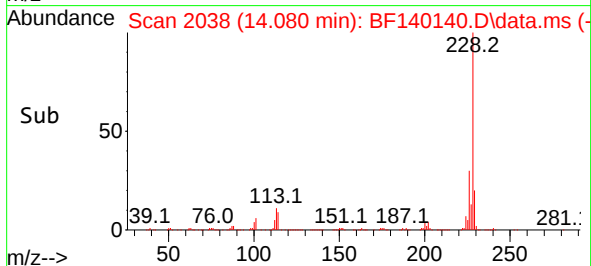
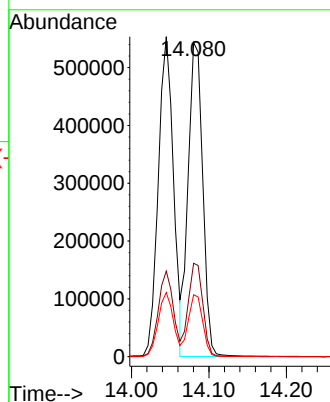
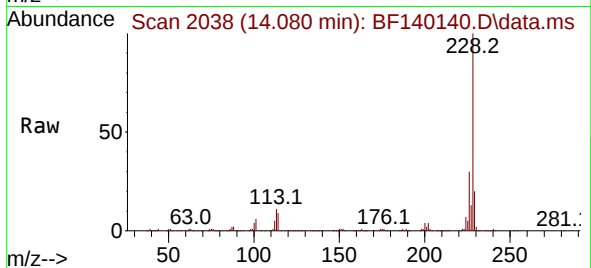
Tgt Ion:228 Resp: 71104

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.542 ng

RT: 14.033 min Scan# 2030

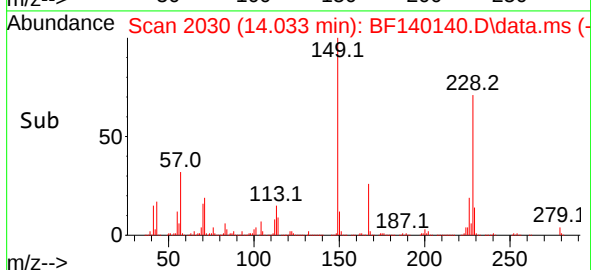
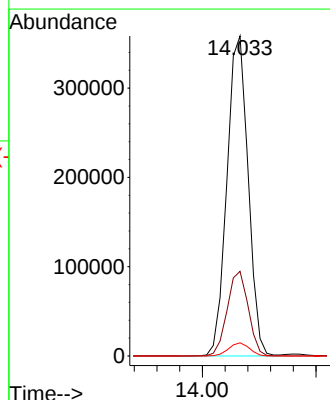
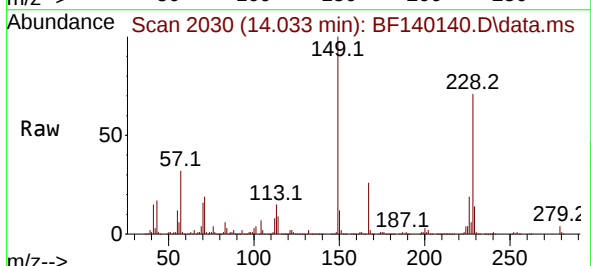
Delta R.T. 0.000 min

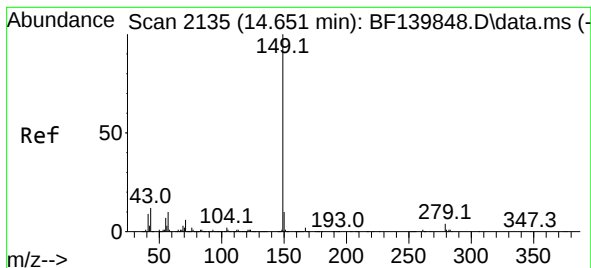
Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Tgt Ion:149 Resp: 464640

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	4.1	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 64.411 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:149 Resp: 843408

Ion Ratio Lower Upper

149 100

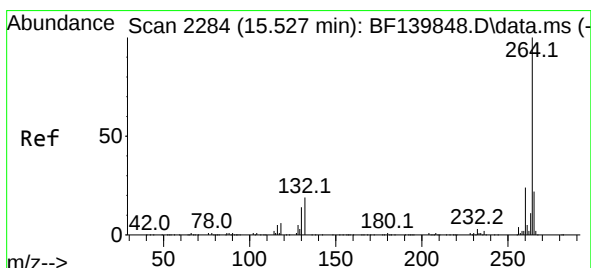
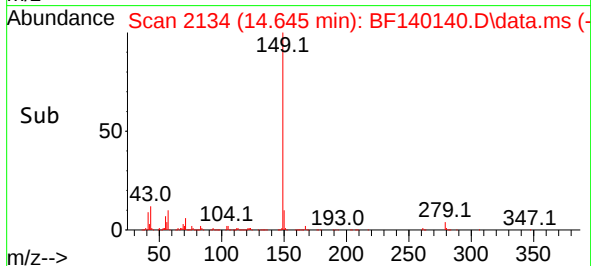
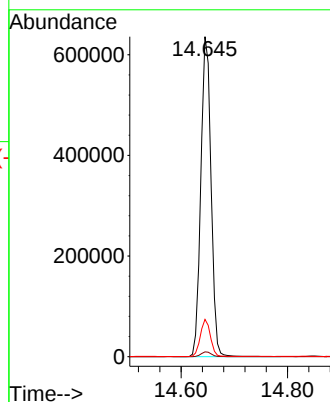
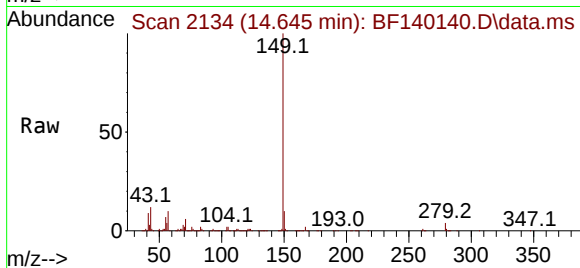
167 1.5 1.2 1.8

43 11.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.012 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

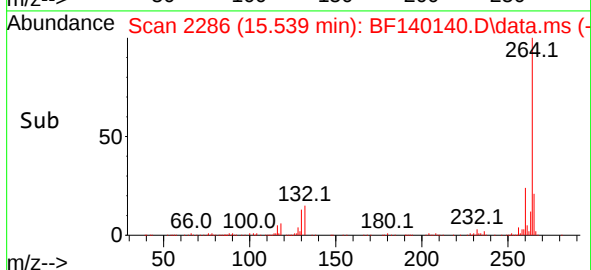
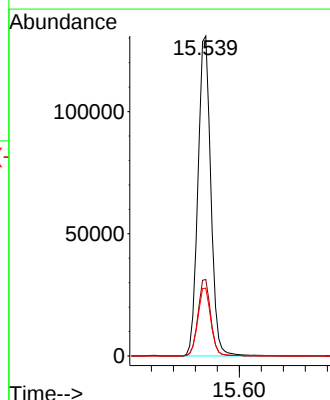
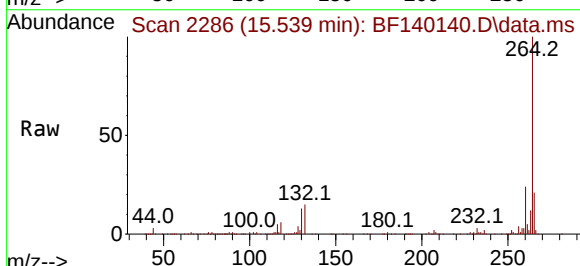
Tgt Ion:264 Resp: 212975

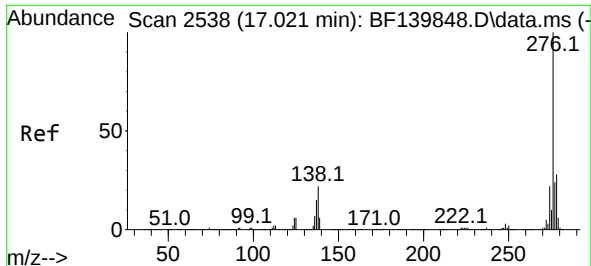
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

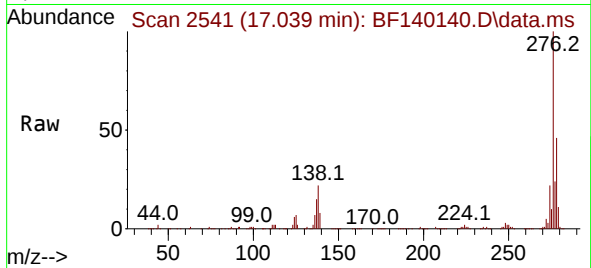
265 21.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.929 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

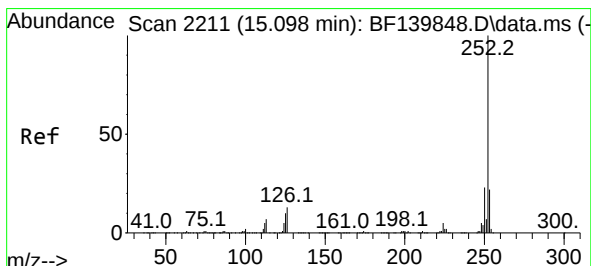
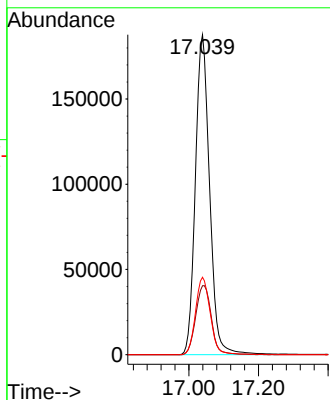
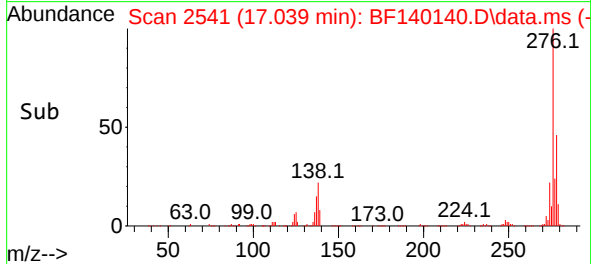
Instrument :
BNA_F
ClientSampleId :
TP-4MS



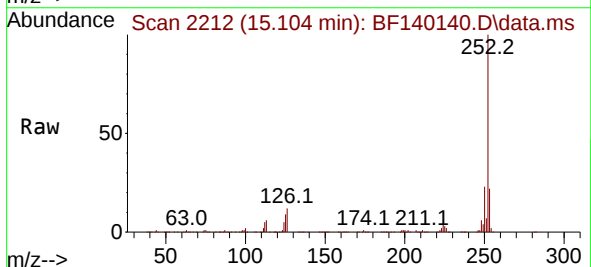
Tgt Ion:276 Resp: 53338
Ion Ratio Lower Upper
276 100
138 23.7 20.4 30.6
277 25.0 20.2 30.4

Manual Integrations
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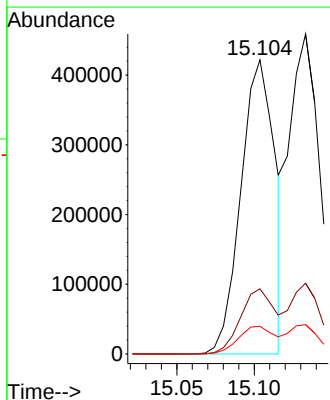
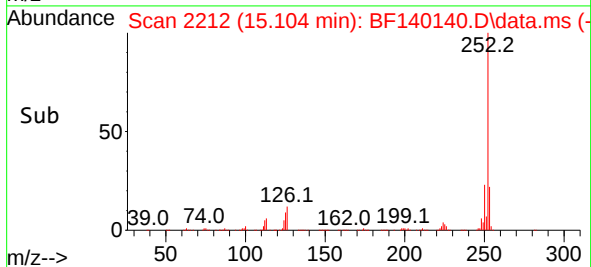
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

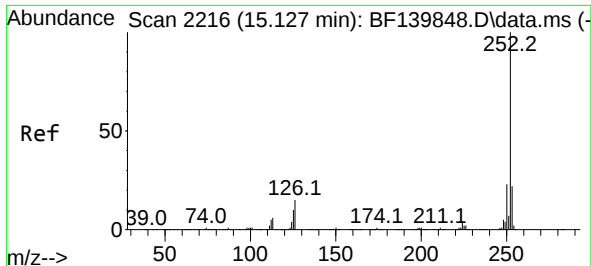


#88
Benzo(b)fluoranthene
Concen: 49.522 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



Tgt Ion:252 Resp: 642470
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 56.492 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:252 Resp: 63206

Ion Ratio Lower Upper

252 100

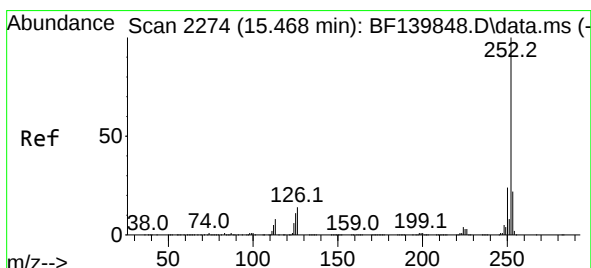
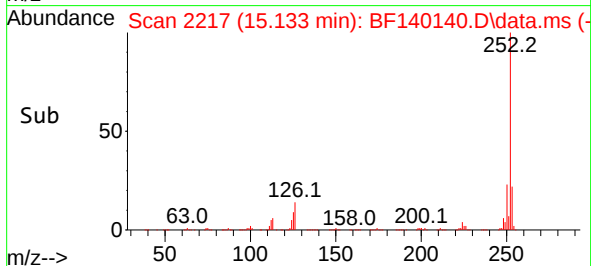
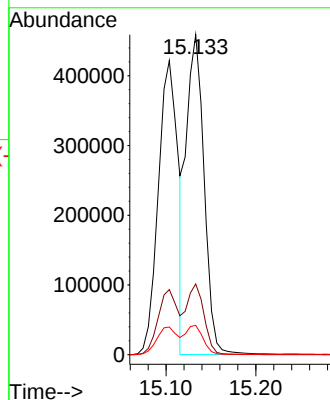
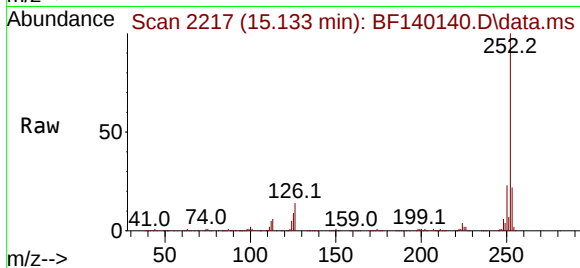
253 22.1 17.6 26.4

125 9.2 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 52.048 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF140140.D

Acq: 30 Oct 2024 04:40

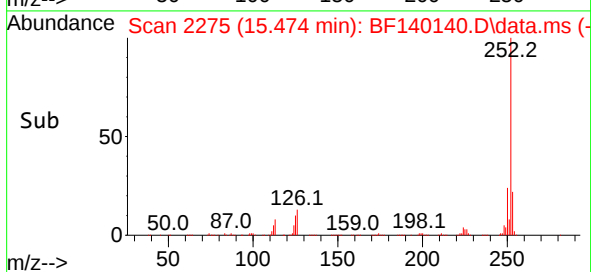
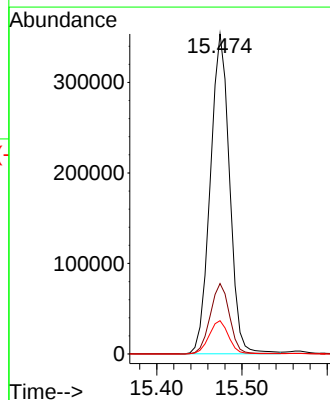
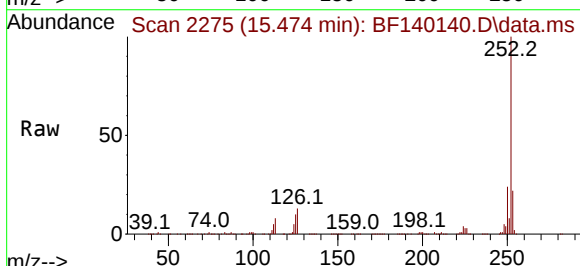
Tgt Ion:252 Resp: 555616

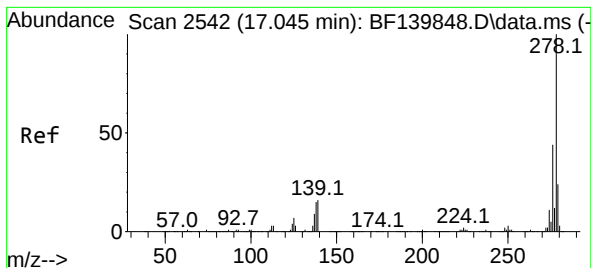
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

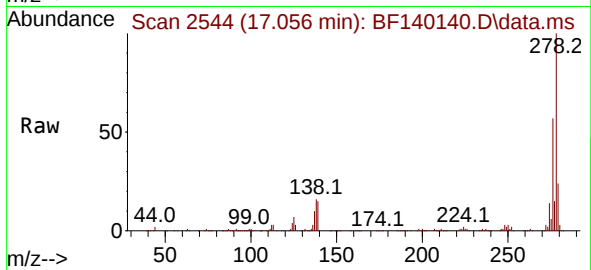
125 10.4 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 38.678 ng
RT: 17.056 min Scan# 2544
Delta R.T. 0.012 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40

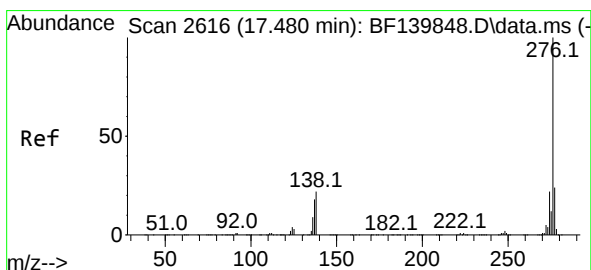
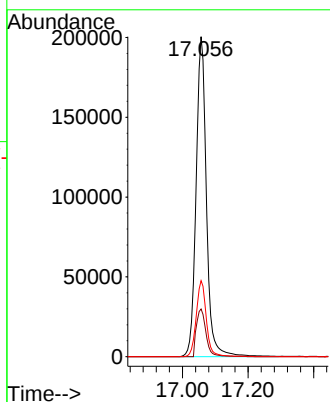
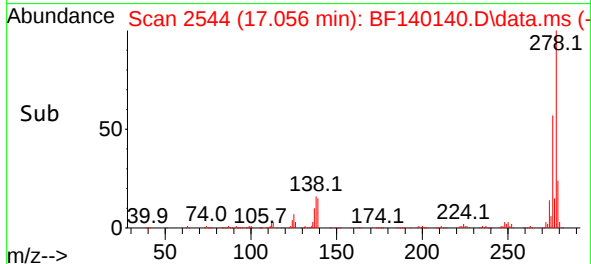
Instrument :
BNA_F
ClientSampleId :
TP-4MS



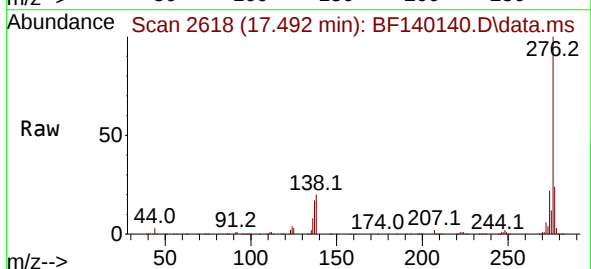
Tgt Ion:278 Resp: 44208
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#92
Benzo(g,h,i)perylene
Concen: 34.053 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF140140.D
Acq: 30 Oct 2024 04:40



Tgt Ion:276 Resp: 388777
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 19.8 17.4 26.0

