

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140141.D
 Acq On : 30 Oct 2024 05:06
 Operator : RC/JU
 Sample : P4594-04MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MSD

Quant Time: Oct 30 05:32:39 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	136316	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524655	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	282930	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	439248	20.000	ng	0.00
76) Chrysene-d12	14.057	240	246770	20.000	ng	0.00
86) Perylene-d12	15.539	264	211296	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	975554	112.035	ng	0.03
7) Phenol-d6	6.516	99	1222155	108.369	ng	0.00
23) Nitrobenzene-d5	7.451	82	881611	93.132	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	324738	122.708	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1547325	90.385	ng	0.00
79) Terphenyl-d14	12.998	244	1316406	86.925	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	107167	26.397	ng	# 84
3) Pyridine	3.587	79	261465	25.982	ng	99
4) n-Nitrosodimethylamine	3.522	42	184230	34.074	ng	# 95
6) Aniline	6.557	93	233419	22.208	ng	99
8) 2-Chlorophenol	6.675	128	362408	40.712	ng	99
9) Benzaldehyde	6.440	77	42705	6.731	ng	99
10) Phenol	6.534	94	435706m	37.474	ng	
11) bis(2-Chloroethyl)ether	6.628	93	343965	38.275	ng	100
12) 1,3-Dichlorobenzene	6.834	146	291879	28.564	ng	98
13) 1,4-Dichlorobenzene	6.910	146	299278	29.315	ng	98
14) 1,2-Dichlorobenzene	7.057	146	296808	31.151	ng	99
15) Benzyl Alcohol	7.028	79	351451	42.484	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	569835	37.187	ng	98
17) 2-Methylphenol	7.140	107	322350	42.467	ng	97
18) Hexachloroethane	7.404	117	104882	28.810	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	285253	41.704	ng	98
20) 3+4-Methylphenols	7.293	107	399051	41.102	ng	# 80
22) Acetophenone	7.298	105	506534	39.417	ng	98
24) Nitrobenzene	7.475	77	404653	38.989	ng	100
25) Isophorone	7.710	82	794122	44.199	ng	99
26) 2-Nitrophenol	7.787	139	190778	48.725	ng	97
27) 2,4-Dimethylphenol	7.816	122	326856	50.064	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	457633	42.040	ng	99
29) 2,4-Dichlorophenol	8.028	162	330074	44.386	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	289939	35.236	ng	99
31) Naphthalene	8.192	128	1014405	37.489	ng	100
32) Benzoic acid	7.928	122	193683	34.013	ng	99
33) 4-Chloroaniline	8.234	127	105645	11.450	ng	99
34) Hexachlorobutadiene	8.310	225	179389	34.697	ng	99
35) Caprolactam	8.610	113	90091m	38.101	ng	
36) 4-Chloro-3-methylphenol	8.716	107	371343	45.097	ng	99
37) 2-Methylnaphthalene	8.881	142	691965	41.756	ng	100
38) 1-Methylnaphthalene	8.981	142	646525	39.765	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	332934	43.618	ng	99
41) Hexachlorocyclopentadiene	9.034	237	299415	112.735	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	250321	46.321	ng	100

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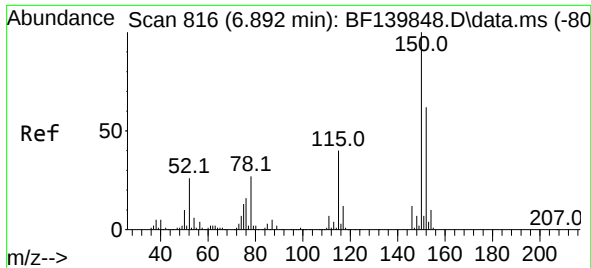
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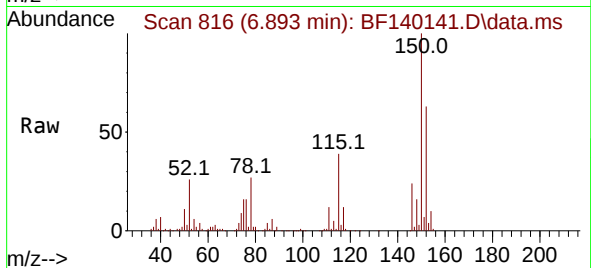
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	249986	44.836	ng	100
46) 1,1'-Biphenyl	9.351	154	872433	44.295	ng	99
47) 2-Chloronaphthalene	9.375	162	683215	43.068	ng	100
48) 2-Nitroaniline	9.469	65	249181	51.359	ng	96
49) Acenaphthylene	9.792	152	1081279	47.148	ng	99
50) Dimethylphthalate	9.651	163	873475	49.564	ng	100
51) 2,6-Dinitrotoluene	9.710	165	187127	49.041	ng	100
52) Acenaphthene	9.963	154	702965	47.383	ng	100
53) 3-Nitroaniline	9.875	138	99014	25.163	ng	99
54) 2,4-Dinitrophenol	9.981	184	109042	69.696	ng	# 1
55) Dibenzofuran	10.134	168	959890	45.095	ng	99
56) 4-Nitrophenol	10.034	139	220254	72.754	ng	95
57) 2,4-Dinitrotoluene	10.116	165	242877	51.760	ng	99
58) Fluorene	10.475	166	715367	44.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	193707	44.318	ng	98
60) Diethylphthalate	10.351	149	841030	48.605	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	375452	45.857	ng	99
62) 4-Nitroaniline	10.492	138	155164	41.751	ng	96
63) Azobenzene	10.628	77	828251	45.150	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	78994	44.089	ng	93
66) n-Nitrosodiphenylamine	10.586	169	667704	50.789	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	235773	52.104	ng	99
68) Hexachlorobenzene	11.022	284	249144	48.955	ng	99
69) Atrazine	11.110	200	164995	46.331	ng	100
70) Pentachlorophenol	11.216	266	236977	76.725	ng	99
71) Phenanthrene	11.439	178	965897	46.553	ng	100
72) Anthracene	11.492	178	981252	48.472	ng	99
73) Carbazole	11.645	167	790430	41.984	ng	99
74) Di-n-butylphthalate	11.975	149	1152532	52.986	ng	100
75) Fluoranthene	12.627	202	874925	41.713	ng	99
77) Benzidine	12.751	184	20722	5.107	ng	# 94
78) Pyrene	12.857	202	888037	41.112	ng	100
80) Butylbenzylphthalate	13.474	149	371435	57.356	ng	100
81) Benzo(a)anthracene	14.045	228	779895	48.550	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	113916	24.322	ng	99
83) Chrysene	14.080	228	747112	50.725	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	500283	68.856	ng	100
85) Di-n-octyl phthalate	14.645	149	854222	64.639	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	541452	39.833	ng	98
88) Benzo(b)fluoranthene	15.104	252	639479	49.683	ng	99
89) Benzo(k)fluoranthene	15.133	252	649612	58.522	ng	99
90) Benzo(a)pyrene	15.474	252	561361	53.004	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	451303	39.798	ng	99
92) Benzo(g,h,i)perylene	17.492	276	392906	34.688	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

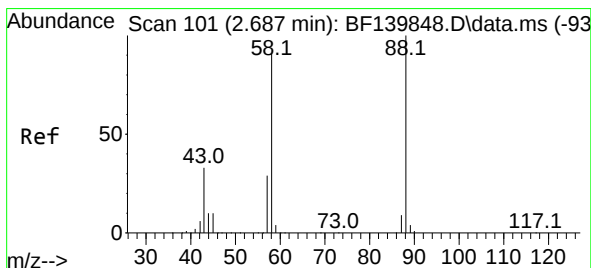
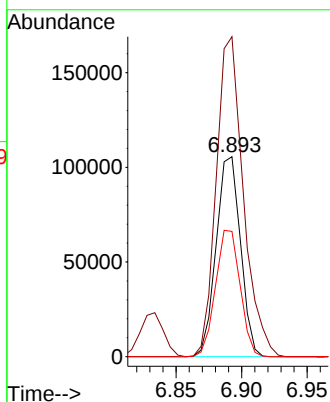
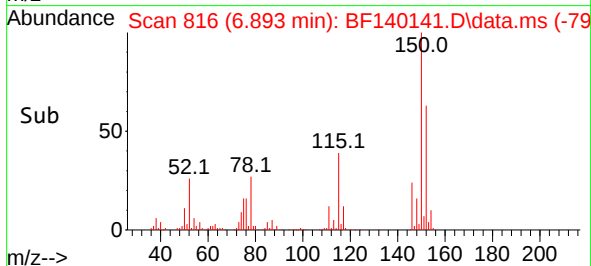
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:152 Resp: 136310
Ion Ratio Lower Upper
152 100
150 160.0 130.2 195.2
115 62.6 51.4 77.2

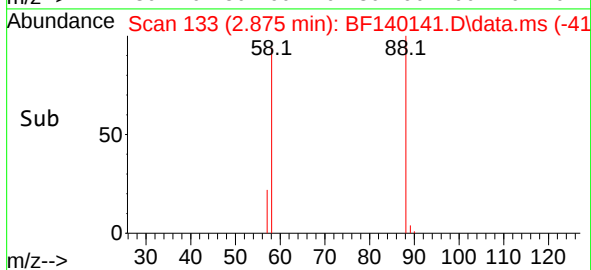
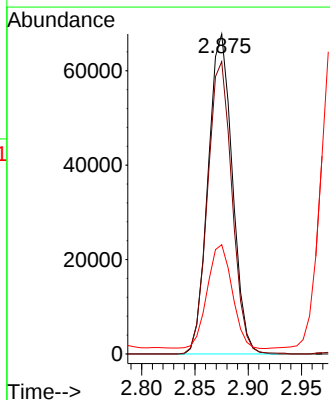
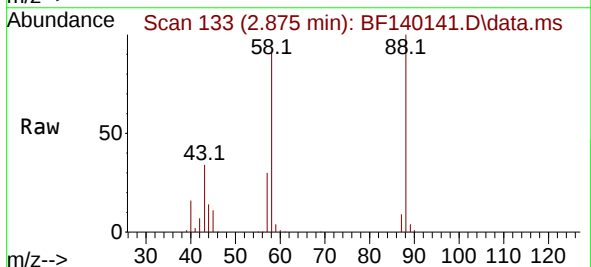
Manual Integrations
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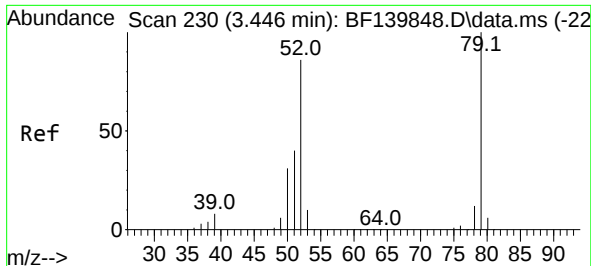
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#2
1,4-Dioxane
Concen: 26.397 ng
RT: 2.875 min Scan# 133
Delta R.T. 0.188 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion: 88 Resp: 107167
Ion Ratio Lower Upper
88 100
58 91.9 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 25.982 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.141 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion: 79 Resp: 26146

Ion Ratio Lower Upper

79 100

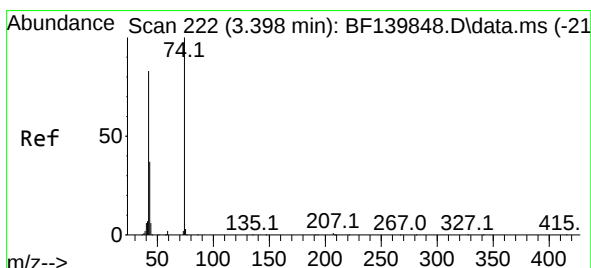
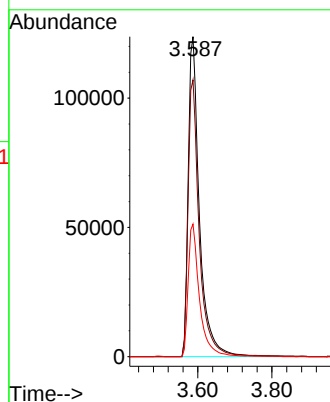
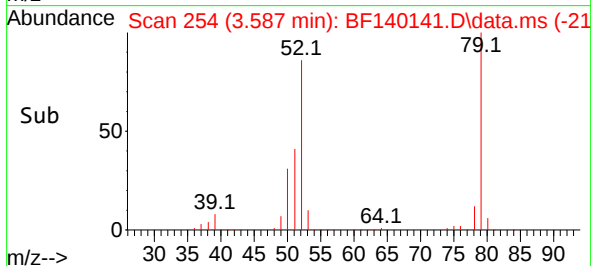
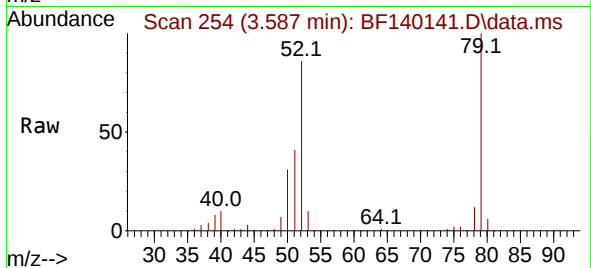
52 86.5 68.5 102.7

51 41.4 32.3 48.5

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2024



#4

n-Nitrosodimethylamine

Concen: 34.074 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.124 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

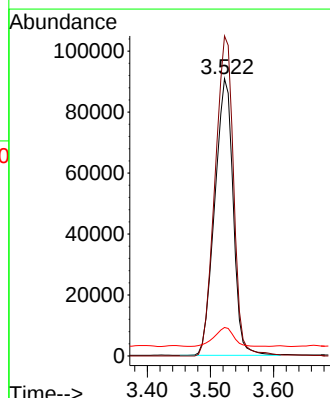
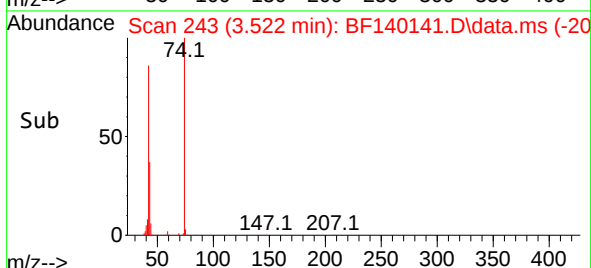
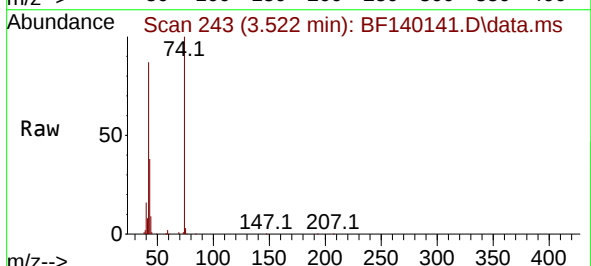
Tgt Ion: 42 Resp: 184230

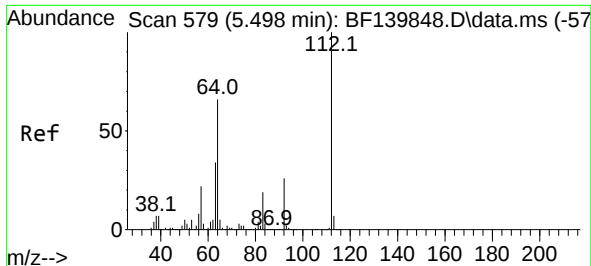
Ion Ratio Lower Upper

42 100

74 115.4 96.2 144.4

44 10.3 6.2 9.2#





#5
2-Fluorophenol
Concen: 112.035 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.030 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

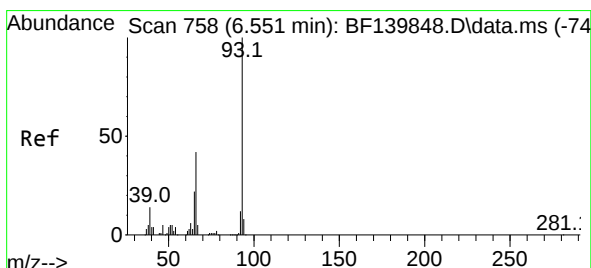
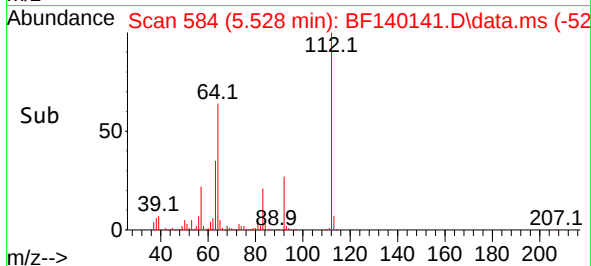
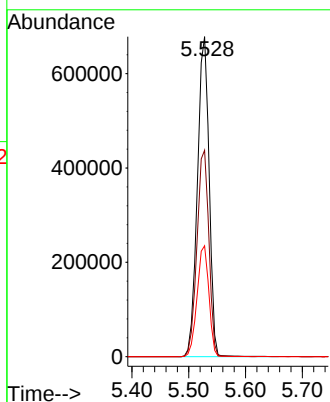
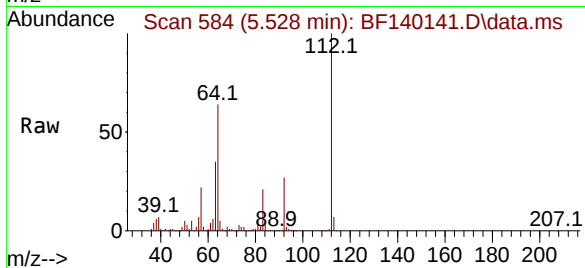
TP-4MSD

Tgt Ion:112 Resp: 975554
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 34.7 27.0 40.4

Manual Integrations

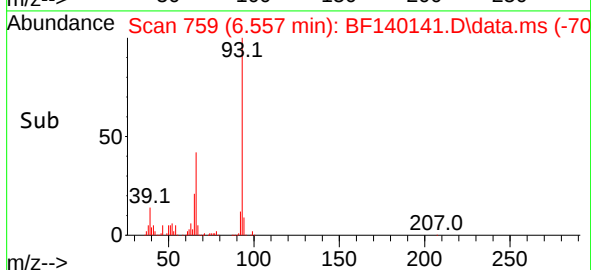
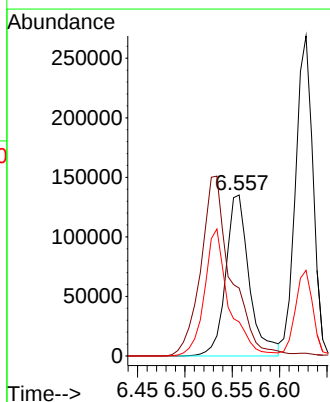
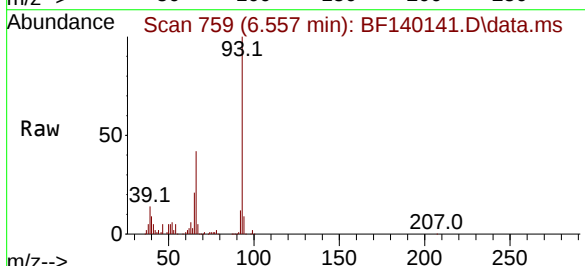
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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#6
Aniline
Concen: 22.208 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

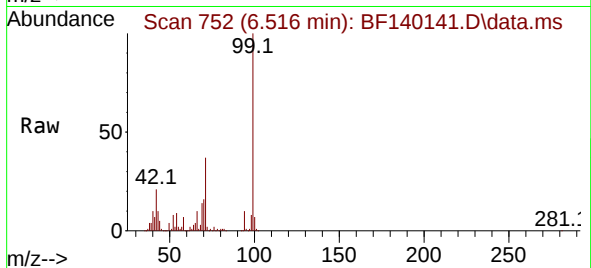
Tgt Ion: 93 Resp: 233419
Ion Ratio Lower Upper
93 100
66 42.1 34.0 51.0
65 21.2 17.4 26.0





#7
Phenol-d6
Concen: 108.369 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

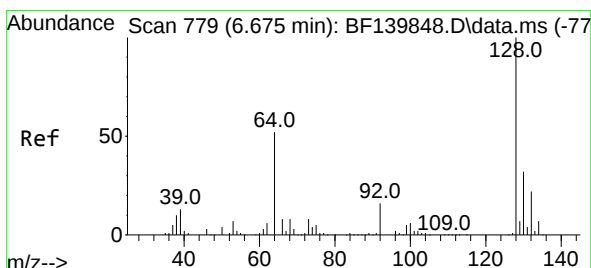
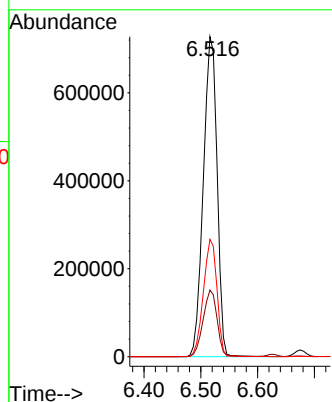
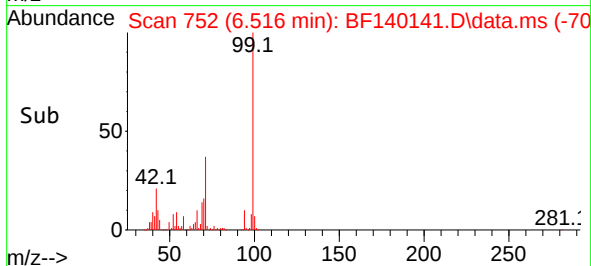
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion: 99 Resp: 122215
Ion Ratio Lower Upper
99 100
42 20.8 16.7 25.1
71 36.6 27.7 41.5

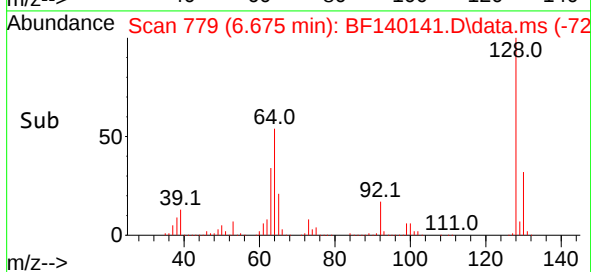
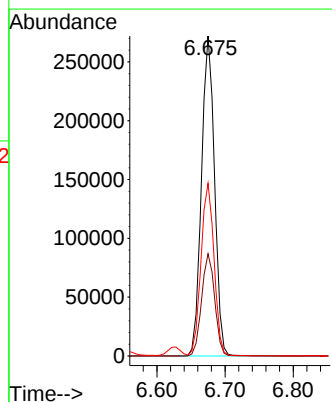
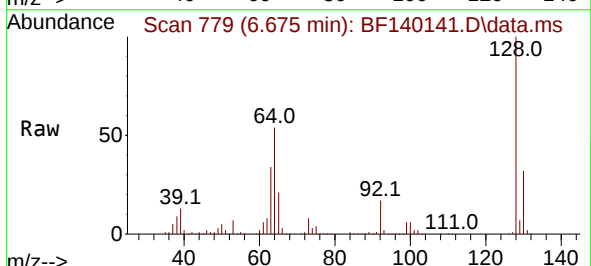
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Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 40.712 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:128 Resp: 362408
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 53.9 34.6 74.6





#9
Benzaldehyde
Concen: 6.731 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

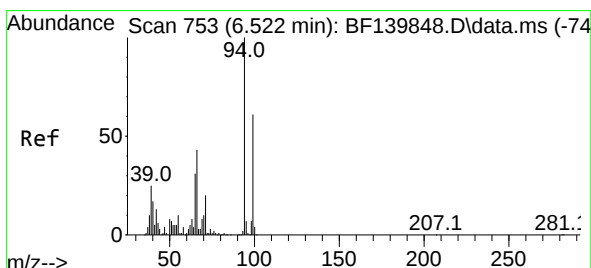
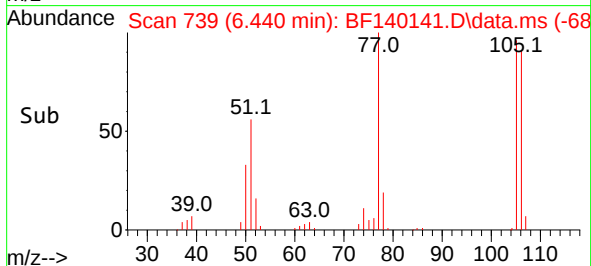
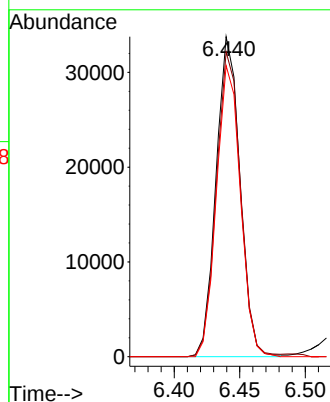
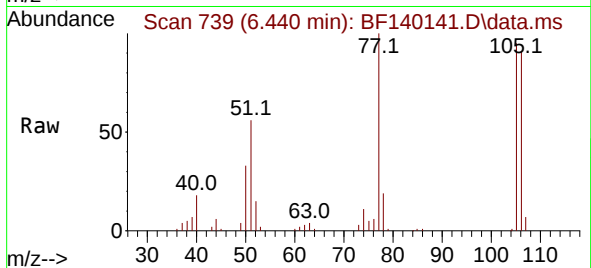
Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion: 77 Resp: 4270

Ion	Ratio	Lower	Upper
77	100		
105	95.3	75.5	115.5
106	91.0	71.7	111.7

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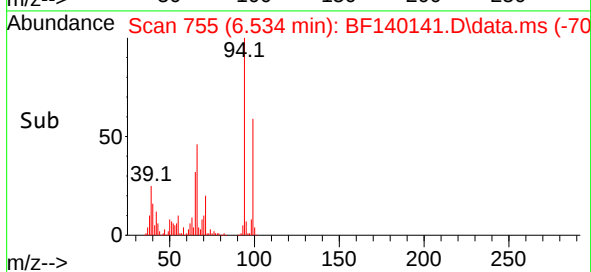
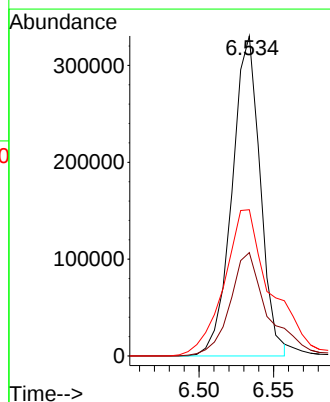
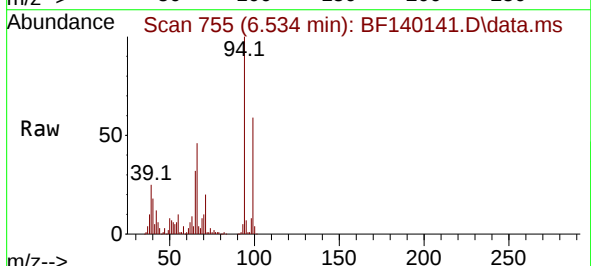
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 37.474 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion: 94 Resp: 435706

Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.1	51.1
66	45.7	22.7	62.7





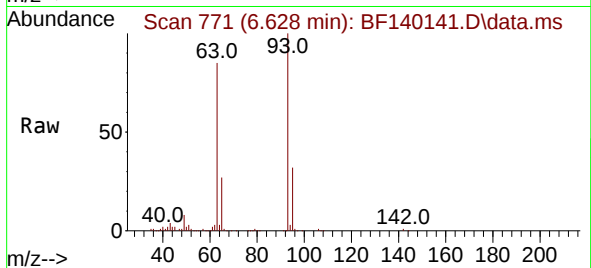
#11
bis(2-Chloroethyl)ether
Concen: 38.275 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

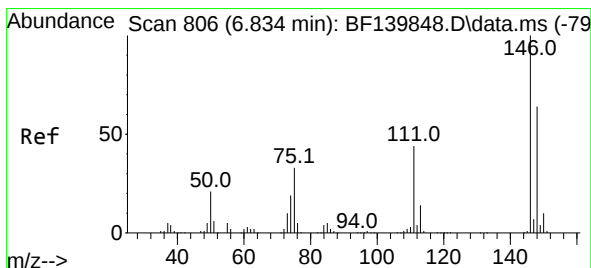
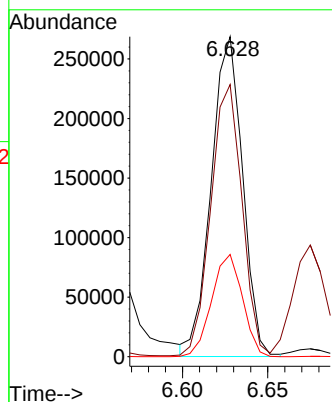
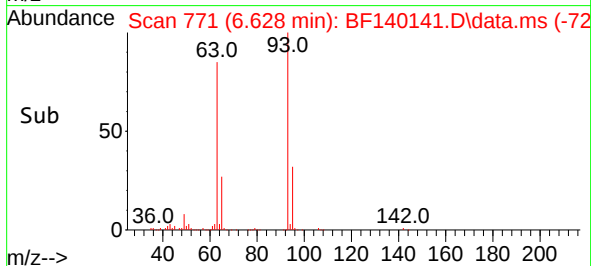


Tgt Ion: 93 Resp: 34396
Ion Ratio Lower Upper
93 100
63 85.0 65.0 105.0
95 31.9 12.4 52.4

Manual Integrations

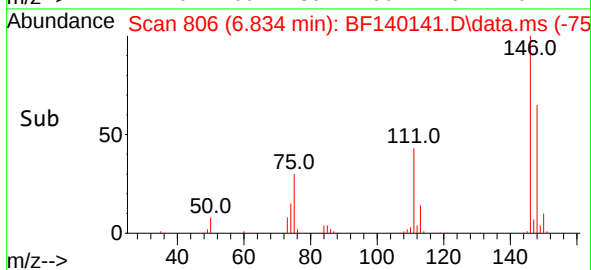
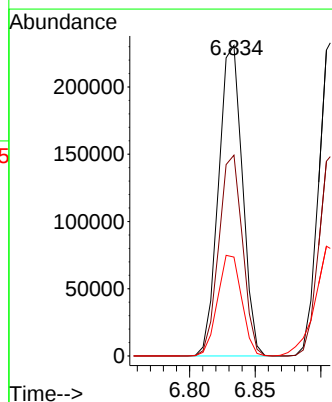
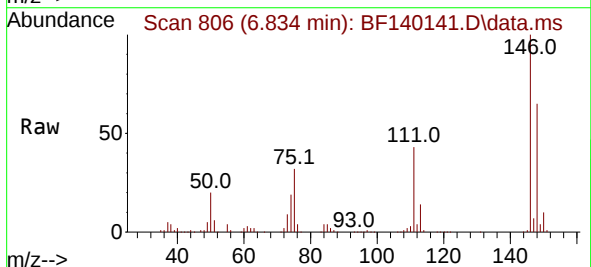
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 28.564 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:146 Resp: 291879
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 31.9 26.4 39.6





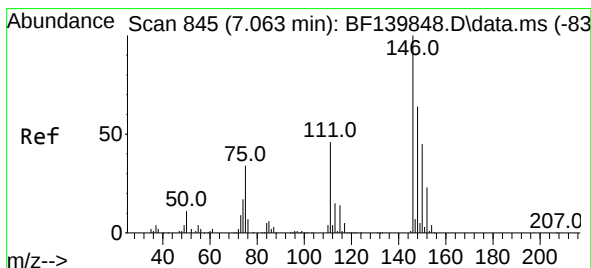
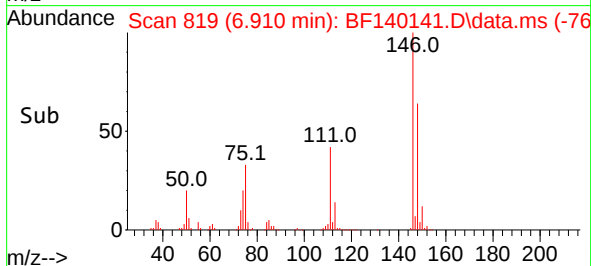
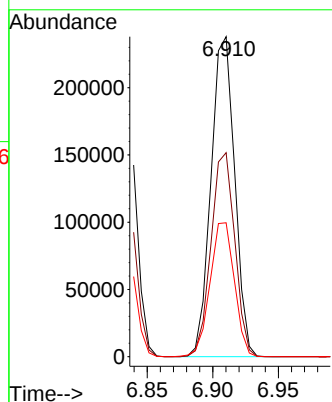
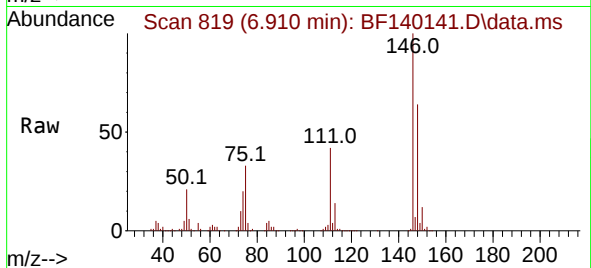
#13
1,4-Dichlorobenzene
Concen: 29.315 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:146 Resp: 299278
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 41.8 34.6 51.8

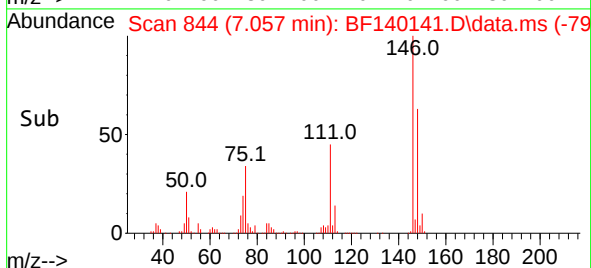
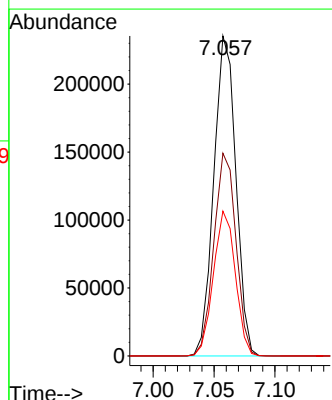
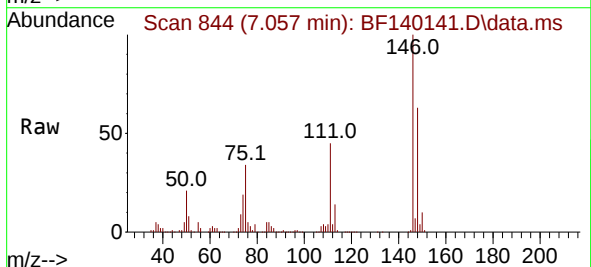
Manual Integrations
APPROVED

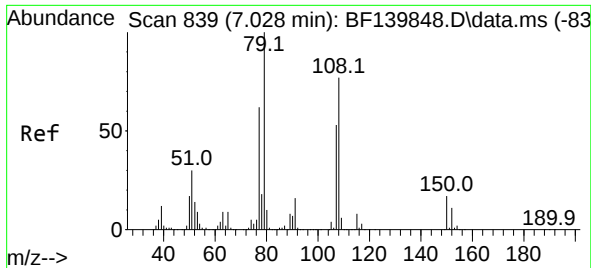
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 31.151 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

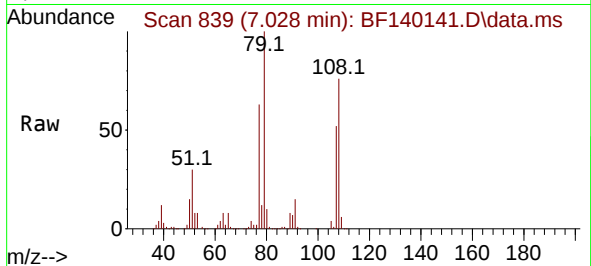
Tgt Ion:146 Resp: 296808
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 45.2 36.7 55.1





#15
Benzyl Alcohol
Concen: 42.484 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

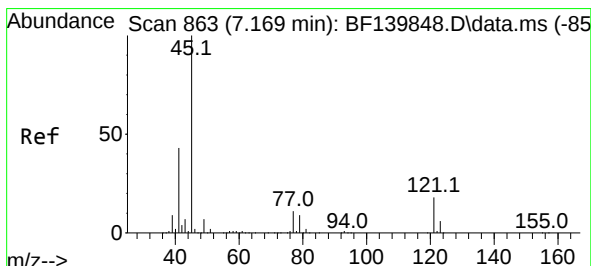
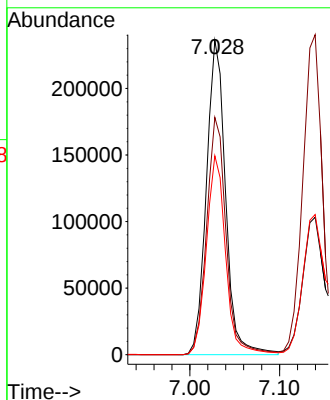
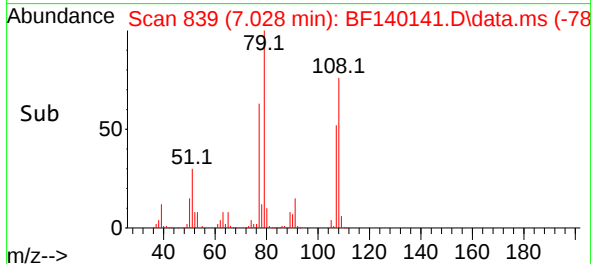
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion: 79 Resp: 35145
Ion Ratio Lower Upper
79 100
108 75.5 61.4 92.0
77 63.3 49.9 74.9

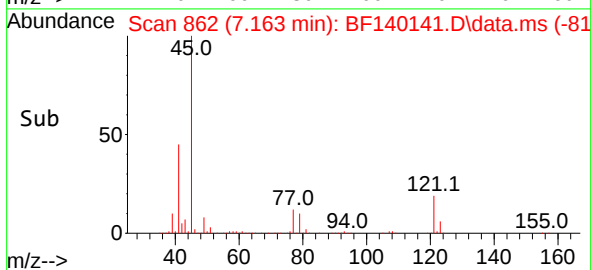
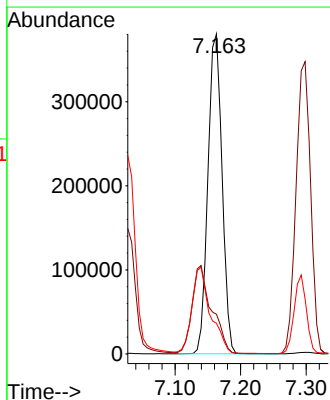
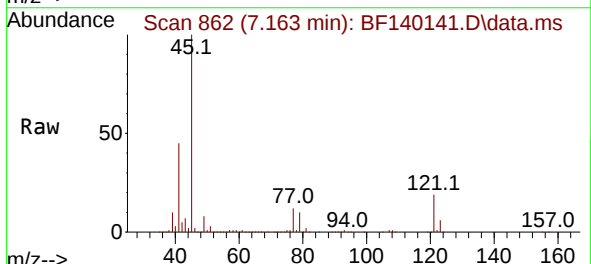
Manual Integrations
APPROVED

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



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.187 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion: 45 Resp: 569835
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 9.6 0.0 29.1





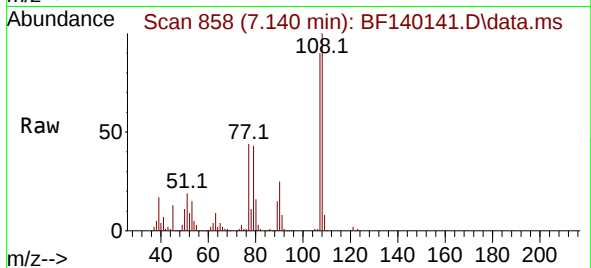
#17
2-Methylphenol
Concen: 42.467 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

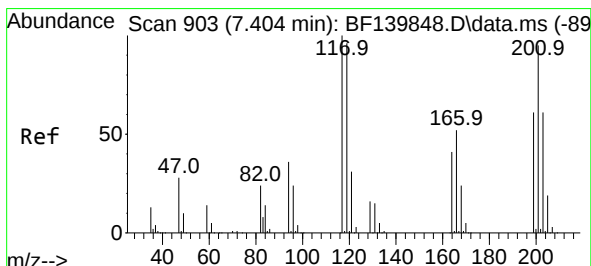
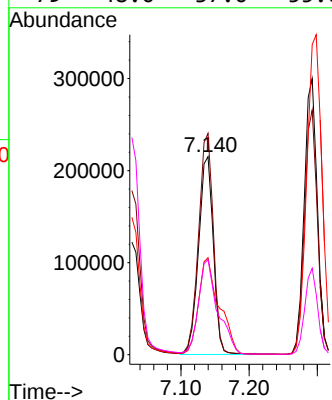


Tgt Ion:107 Resp: 322350
Ion Ratio Lower Upper
107 100
108 111.7 91.3 136.9
77 48.9 37.1 55.7
79 48.0 37.0 55.6

Manual Integrations

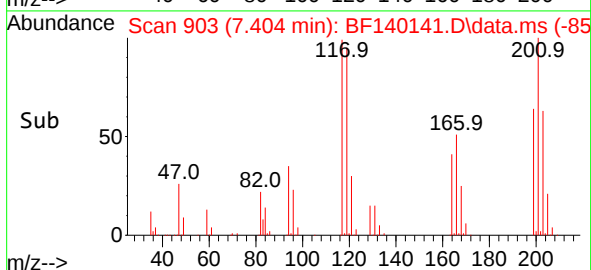
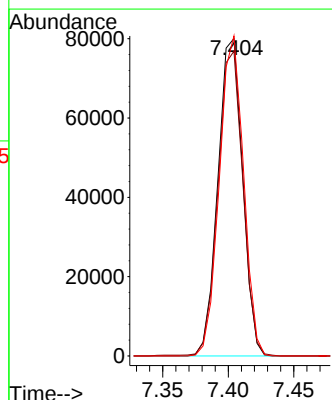
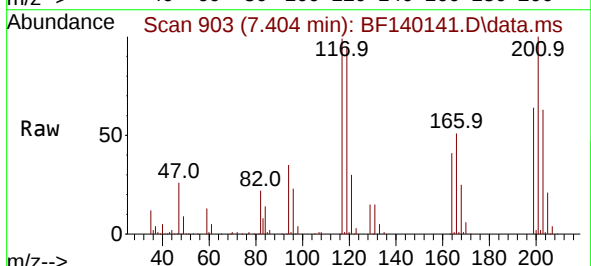
APPROVED

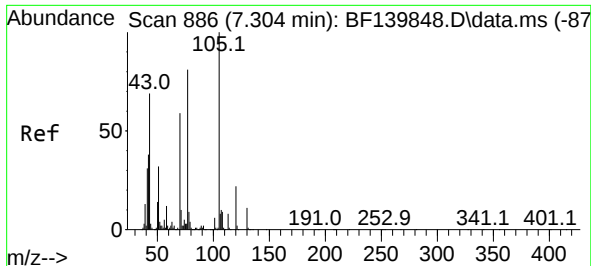
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 28.810 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:117 Resp: 104882
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4
201 100.8 76.2 114.4





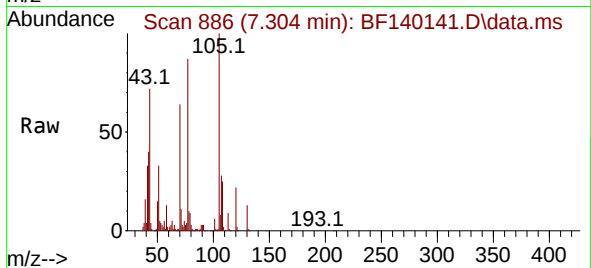
#19
n-Nitroso-di-n-propylamine
Concen: 41.704 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

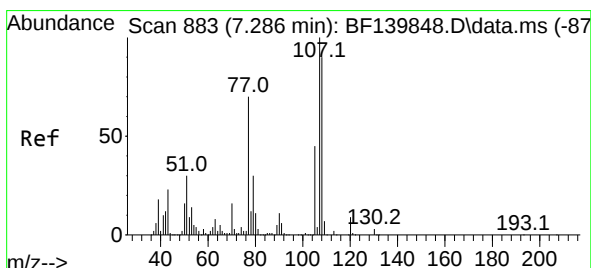
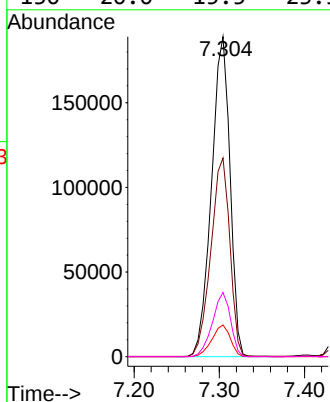
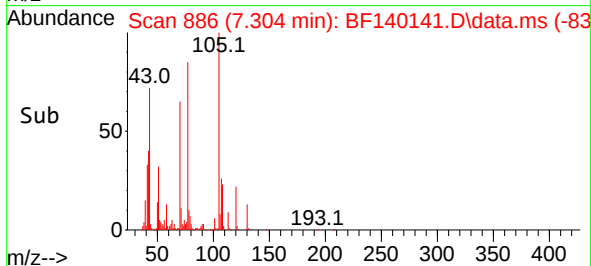
TP-4MSD



Tgt Ion:	70	Resp:	28525
Ion	Ratio	Lower	Upper
70	100		
42	62.1	51.5	77.3
101	9.9	7.5	11.3
130	20.0	15.5	23.3

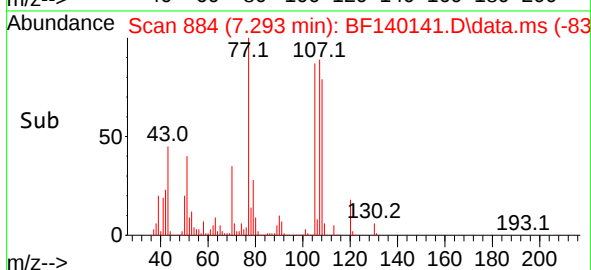
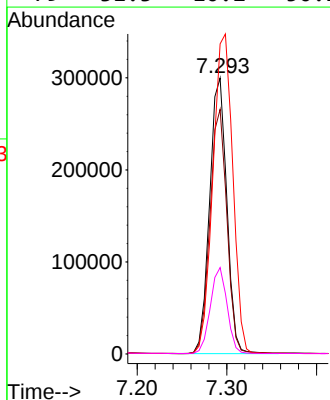
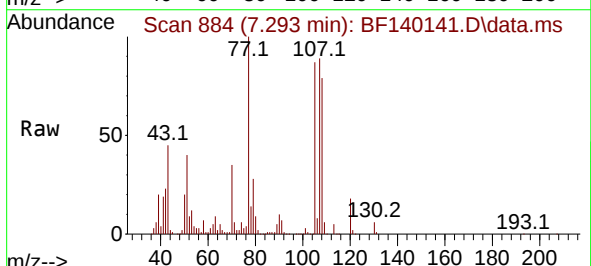
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 41.102 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:	107	Resp:	399051
Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.8	109.8
77	112.3	50.5	90.5#
79	31.3	10.2	50.2





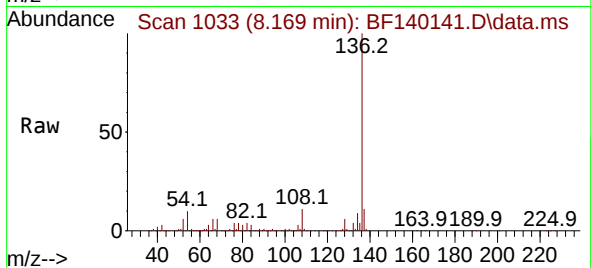
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

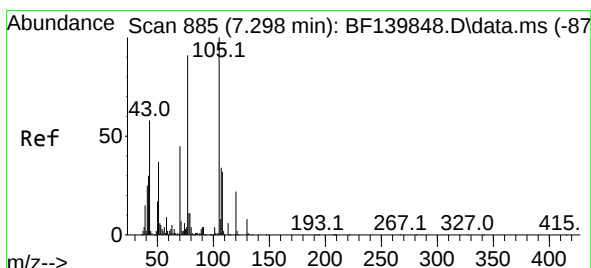
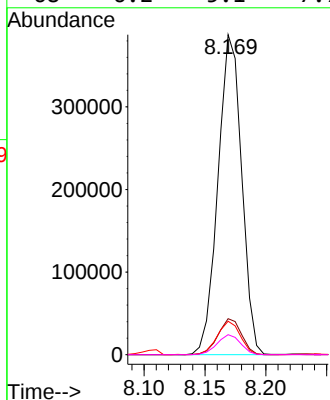
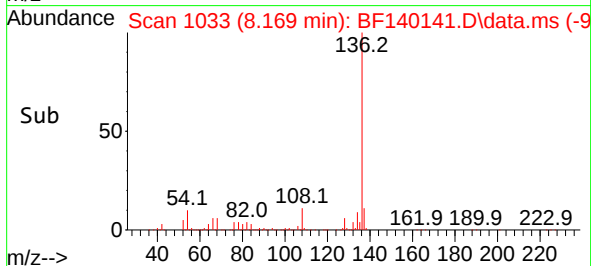


Tgt Ion:136 Resp: 52465
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.4 8.4 12.6
68 6.2 5.1 7.7

Manual Integrations

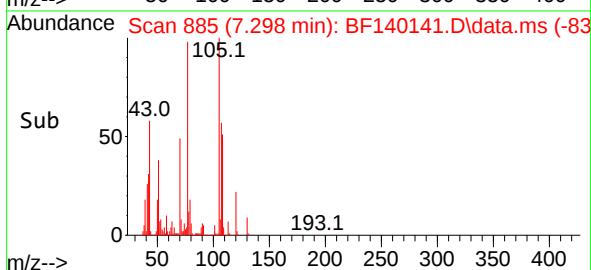
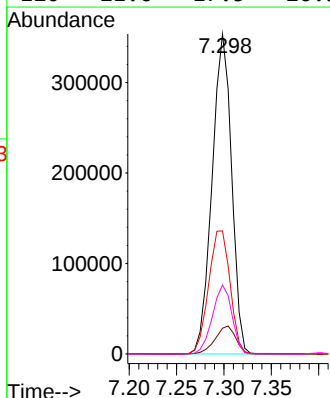
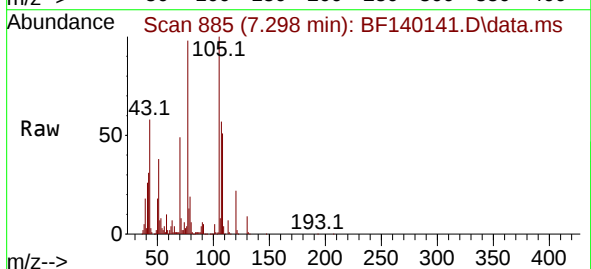
APPROVED

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



#22
Acetophenone
Concen: 39.417 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:105 Resp: 506534
Ion Ratio Lower Upper
105 100
71 8.0 5.9 8.9
51 38.5 29.4 44.2
120 21.6 17.5 26.3





#23
Nitrobenzene-d5
Concen: 93.132 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

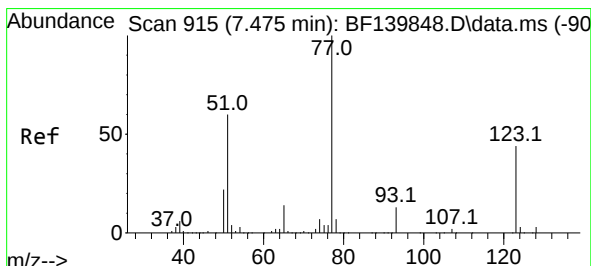
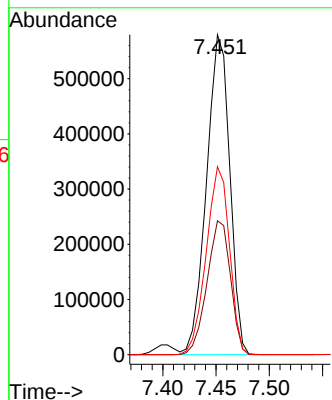
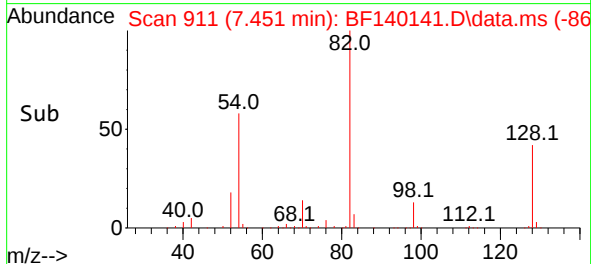
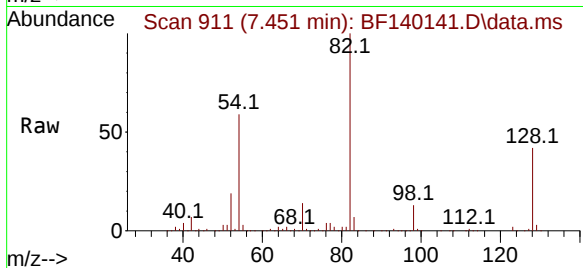
TP-4MSD

Tgt Ion: 82 Resp: 88161
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.0
54 58.7 47.8 71.8

Manual Integrations

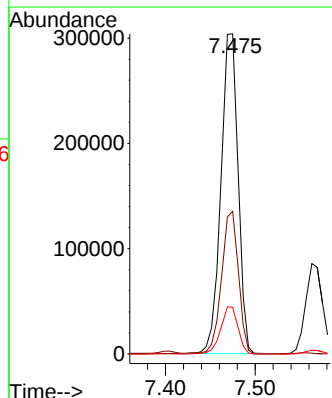
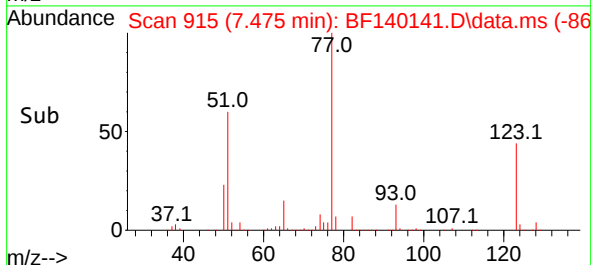
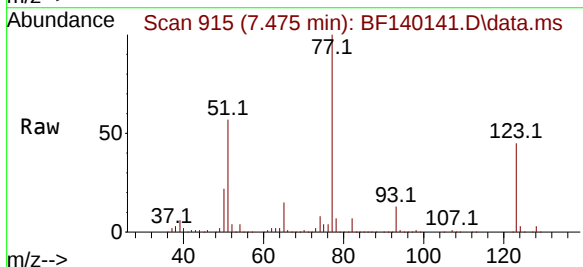
APPROVED

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



#24
Nitrobenzene
Concen: 38.989 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

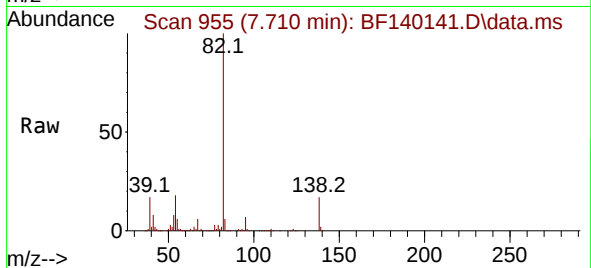
Tgt Ion: 77 Resp: 404653
Ion Ratio Lower Upper
77 100
123 44.6 35.7 53.5
65 14.6 11.5 17.3





#25
Isophorone
Concen: 44.199 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

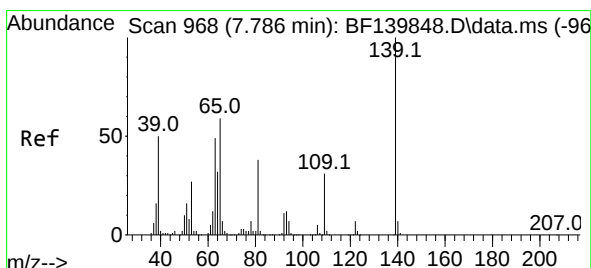
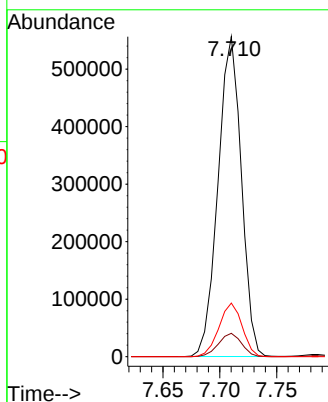
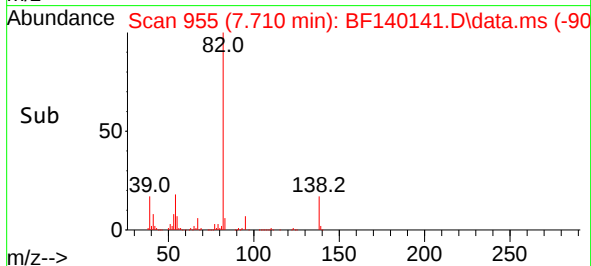
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



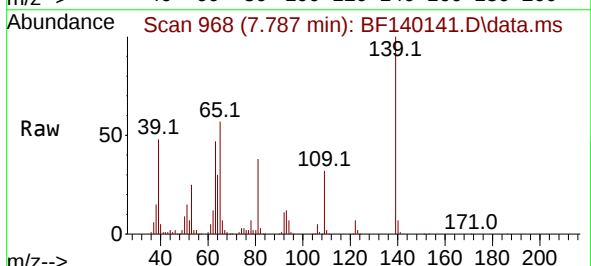
Tgt Ion: 82 Resp: 79412
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.8 13.2 19.8

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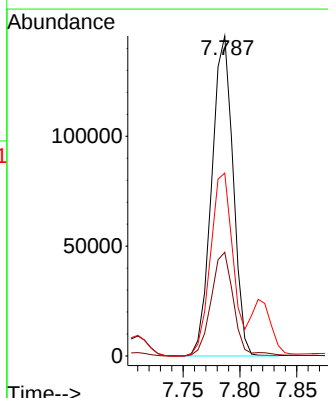
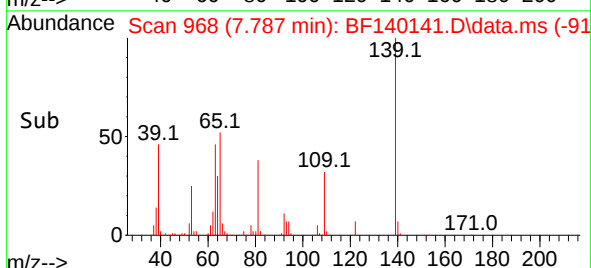
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 48.725 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



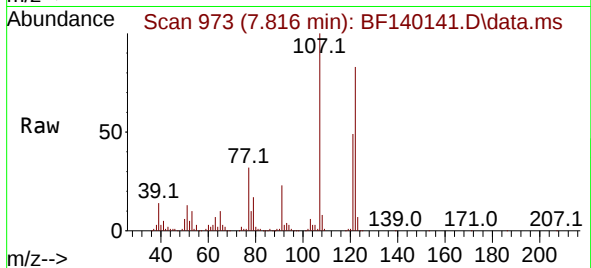
Tgt Ion:139 Resp: 190778
Ion Ratio Lower Upper
139 100
109 32.4 25.1 37.7
65 57.2 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 50.064 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

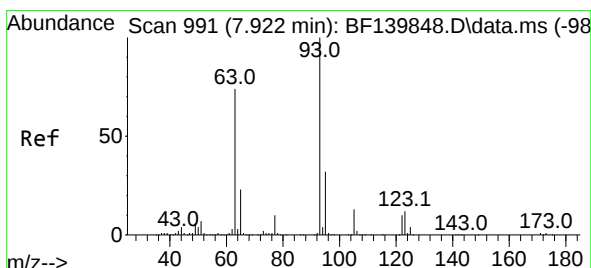
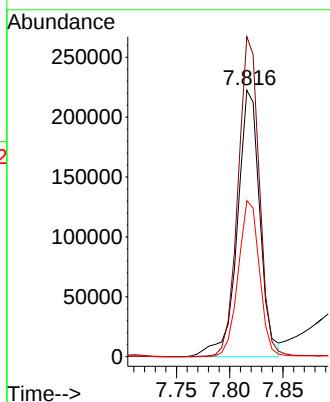
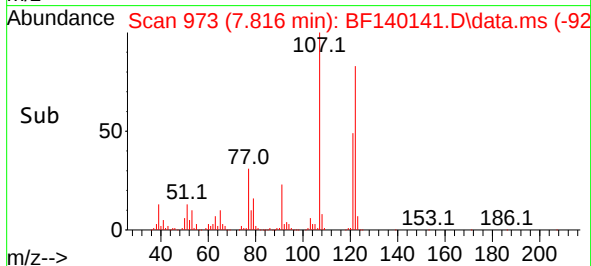
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:122 Resp: 326850
Ion Ratio Lower Upper
122 100
107 120.1 91.9 137.9
121 58.5 46.2 69.4

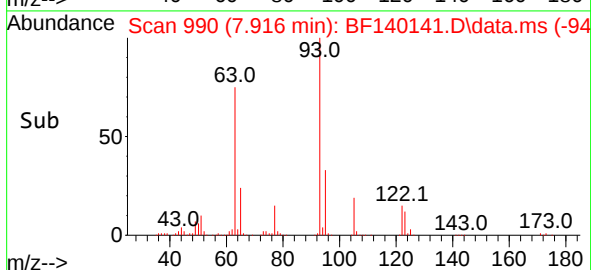
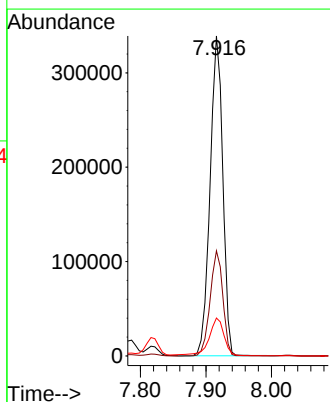
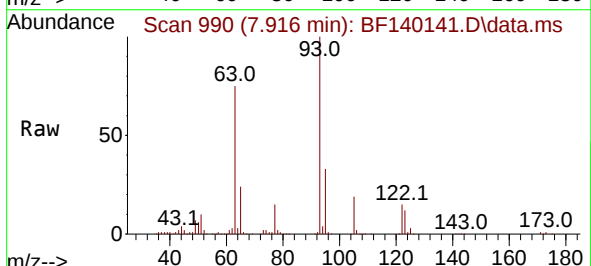
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 42.040 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion: 93 Resp: 457633
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 44.386 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

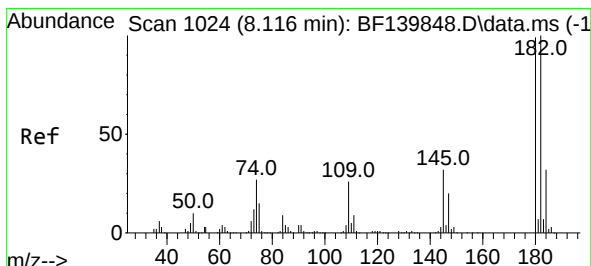
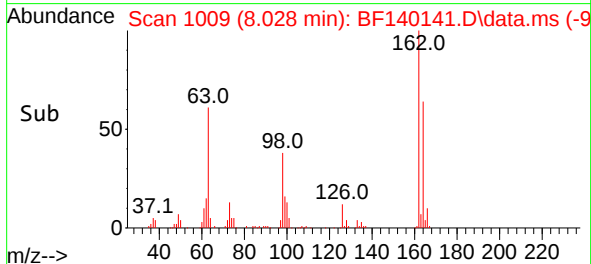
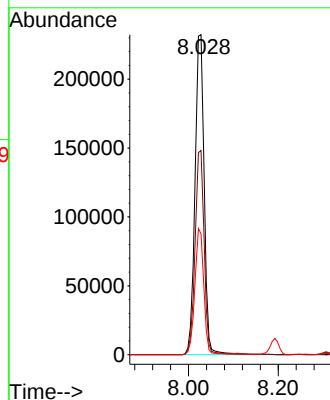
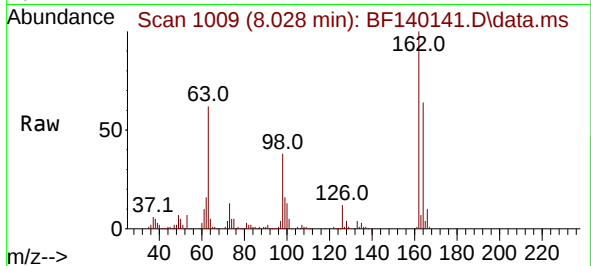
Tgt Ion:162 Resp: 330074

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.9	83.9
98	37.8	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: 35.236 ng

RT: 8.110 min Scan# 1023

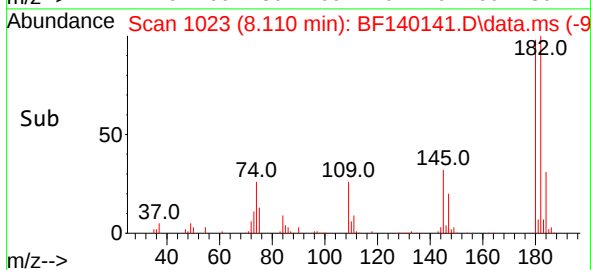
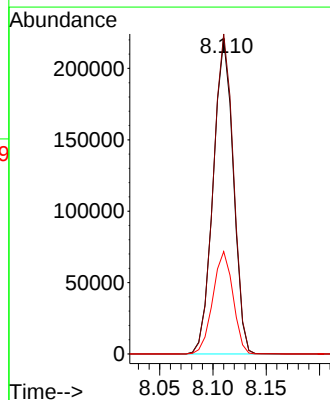
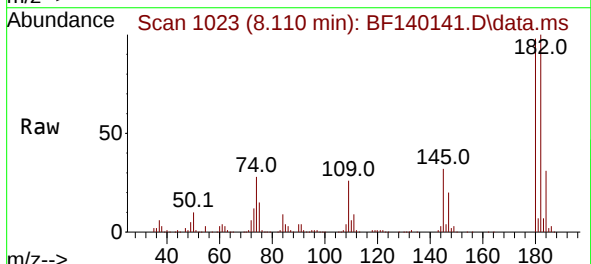
Delta R.T. -0.006 min

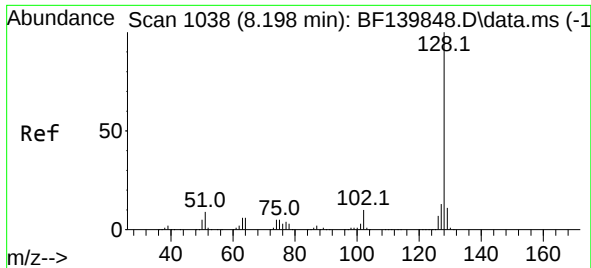
Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Tgt Ion:180 Resp: 289939

Ion	Ratio	Lower	Upper
180	100		
182	101.7	80.5	120.7
145	32.6	25.4	38.0





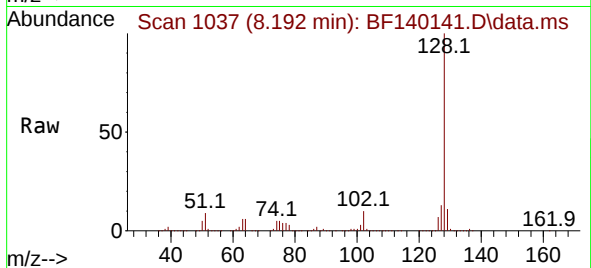
#31
Naphthalene
Concen: 37.489 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

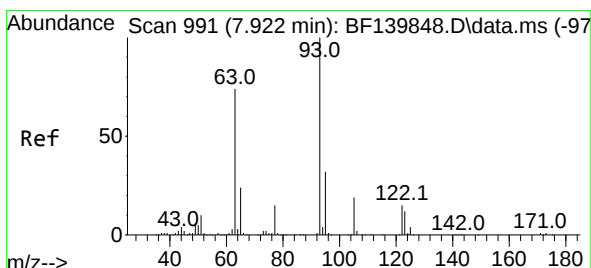
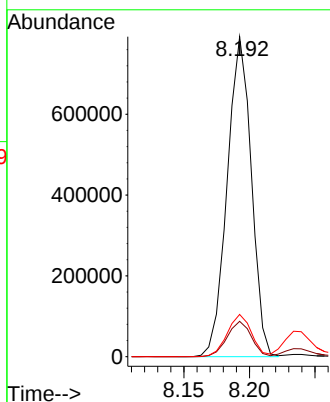
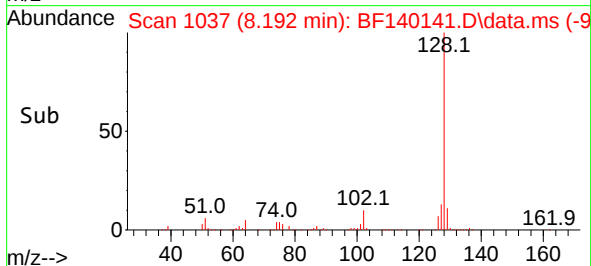


Tgt Ion:128 Resp: 101440
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations

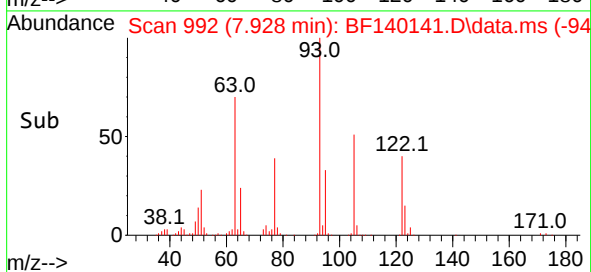
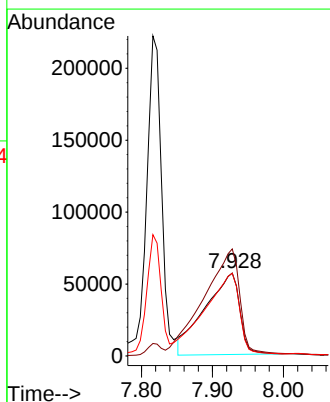
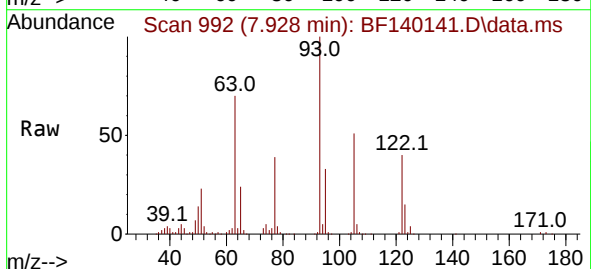
APPROVED

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



#32
Benzoic acid
Concen: 34.013 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

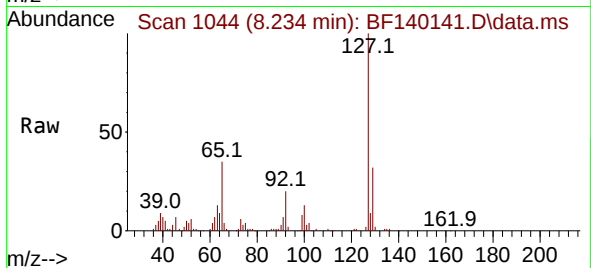
Tgt Ion:122 Resp: 193683
Ion Ratio Lower Upper
122 100
105 129.1 107.6 147.6
77 99.8 80.2 120.2





#33
4-Chloroaniline
Concen: 11.450 ng
RT: 8.234 min Scan# 10564
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

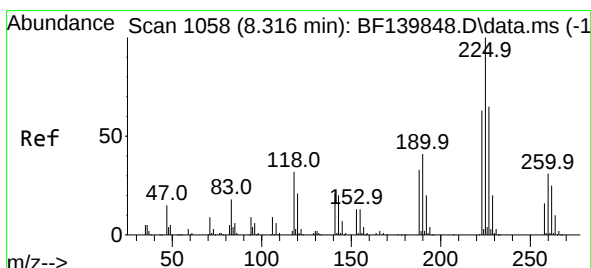
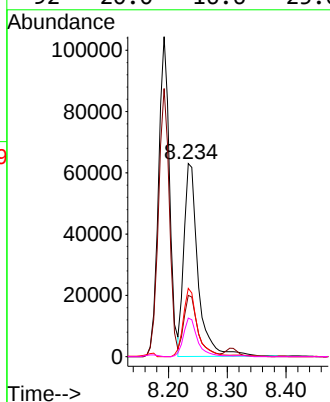
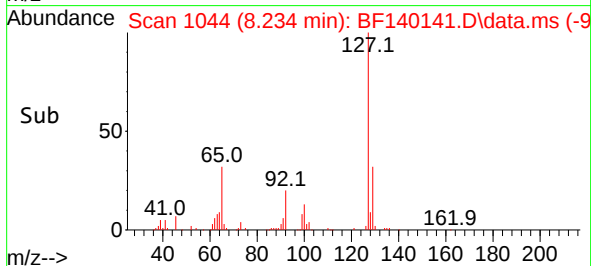
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	35.4	28.4	42.6
92	20.0	16.6	25.0

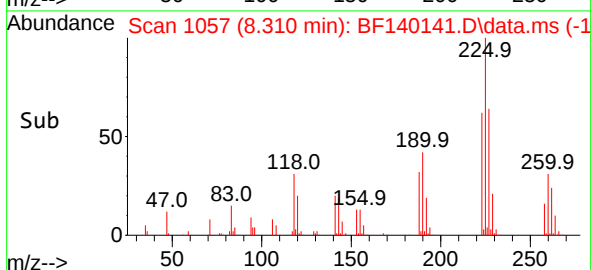
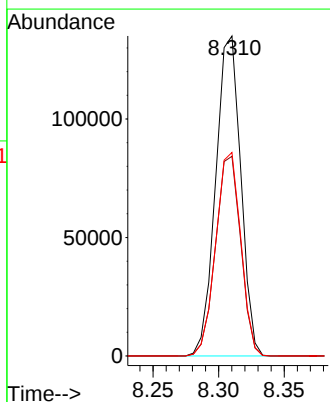
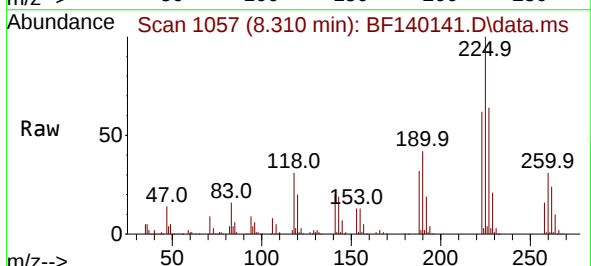
Manual Integrations
APPROVED

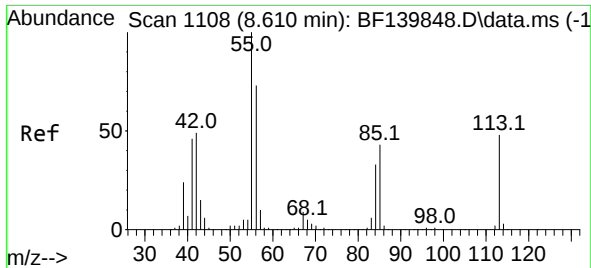
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 34.697 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

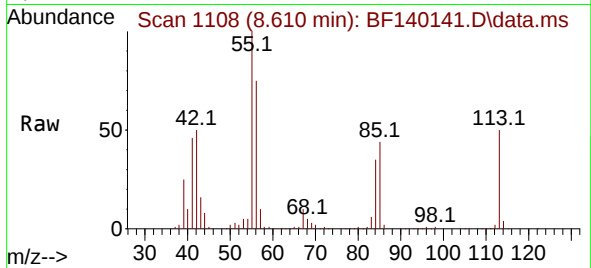
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.6	51.8	77.8





#35
Caprolactam
Concen: 38.101 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

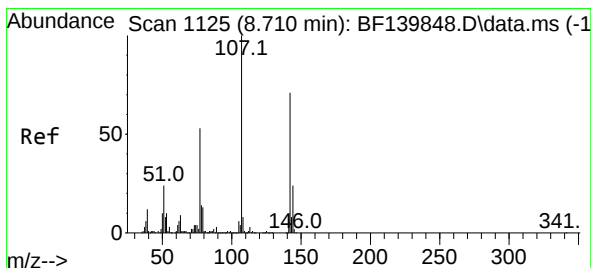
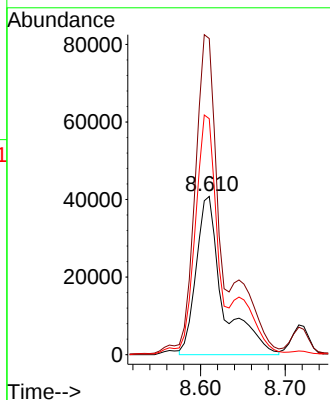
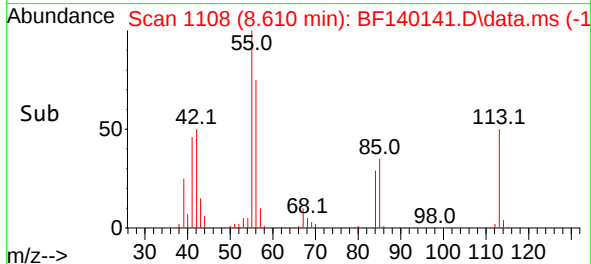
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:113 Resp: 9009
Ion Ratio Lower Upper
113 100
55 199.7 189.2 229.2
56 149.1 132.5 172.5

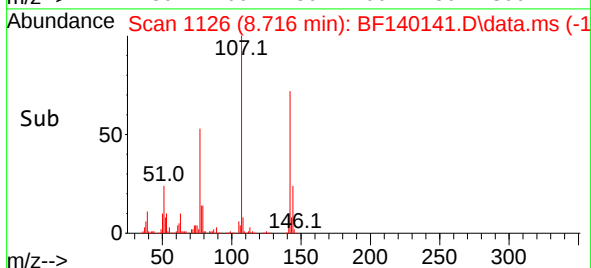
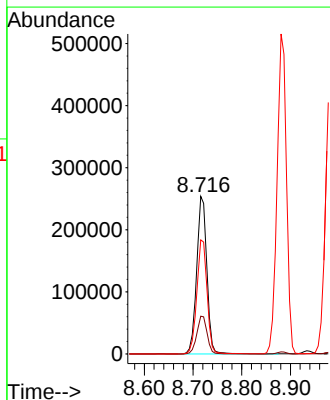
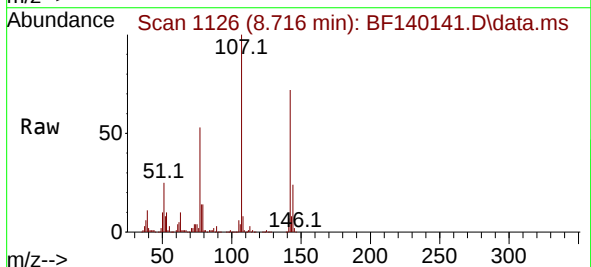
Manual Integrations
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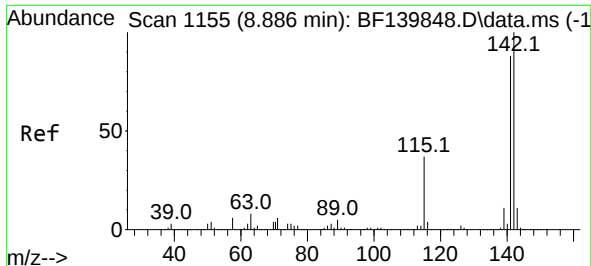
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 45.097 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:107 Resp: 371343
Ion Ratio Lower Upper
107 100
144 24.0 19.1 28.7
142 72.4 57.2 85.8





#37

2-Methylnaphthalene

Concen: 41.756 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:142 Resp: 69196

Ion Ratio Lower Upper

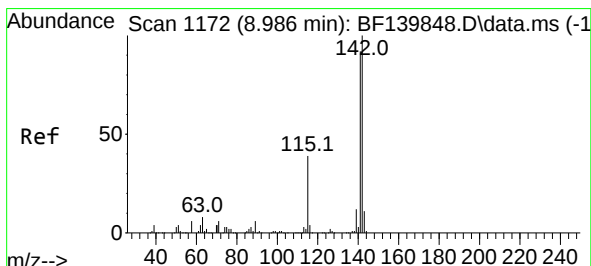
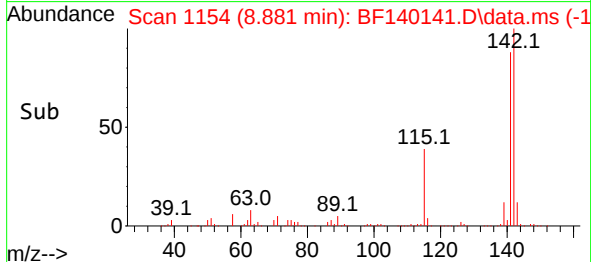
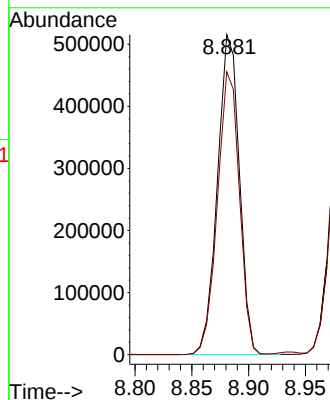
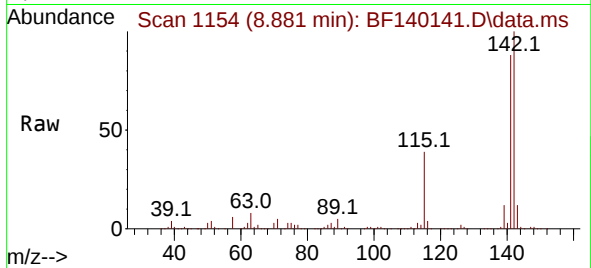
142 100

141 88.4 70.8 106.2

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 39.765 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140141.D

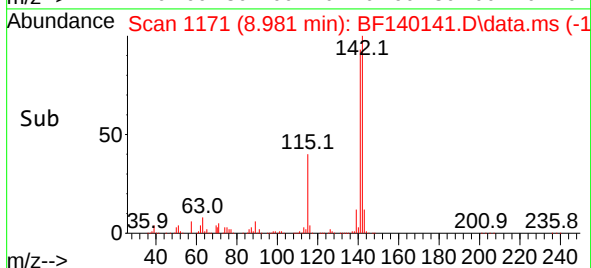
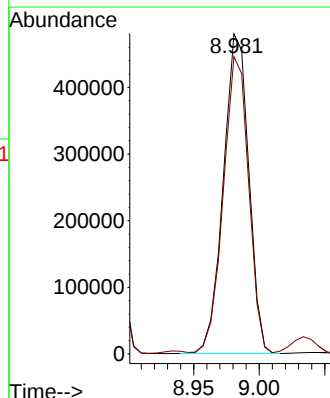
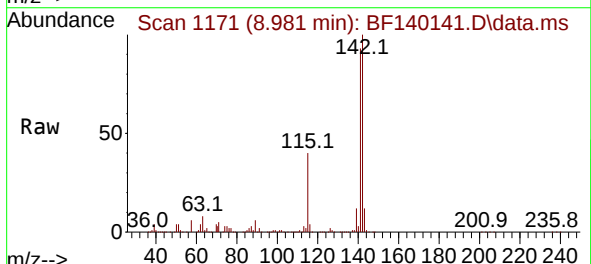
Acq: 30 Oct 2024 05:06

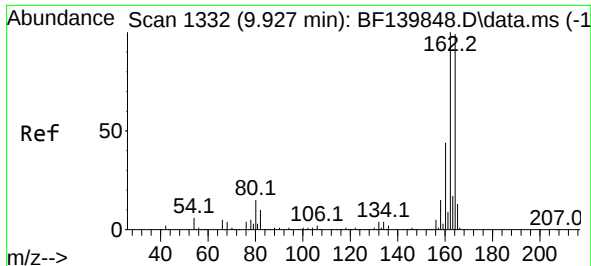
Tgt Ion:142 Resp: 646525

Ion Ratio Lower Upper

142 100

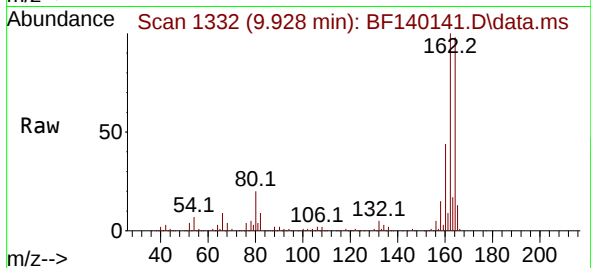
141 92.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1132
Delta R.T. 0.001 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

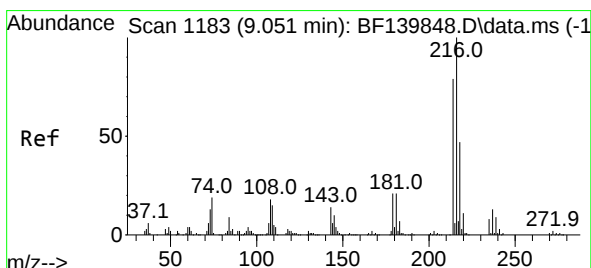
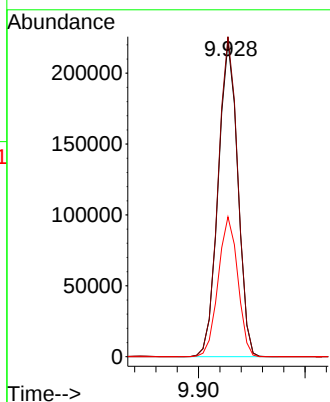
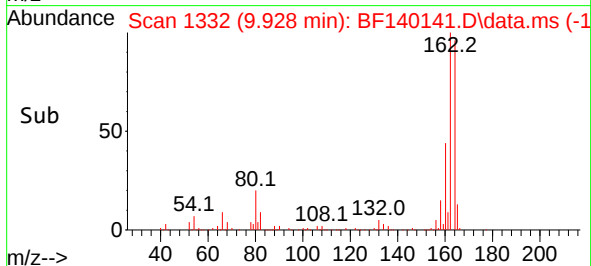
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:164 Resp: 282930
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.5 35.4 53.0

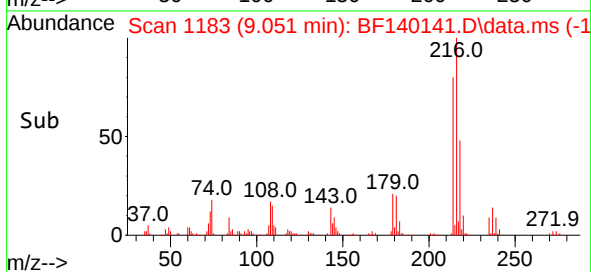
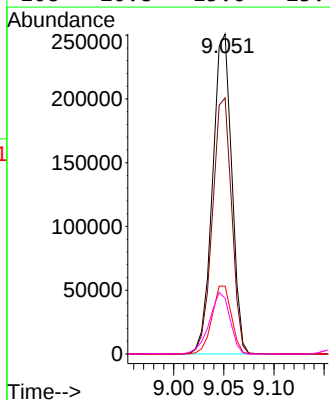
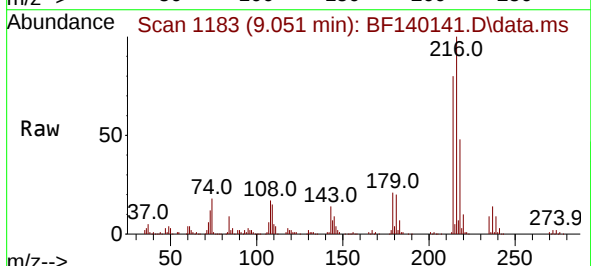
Manual Integrations
APPROVED

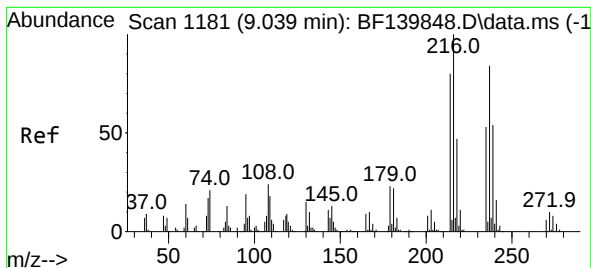
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.618 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:216 Resp: 332934
Ion Ratio Lower Upper
216 100
214 80.3 63.4 95.0
179 21.5 17.2 25.8
108 20.8 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 112.735 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:237 Resp: 29941

Ion Ratio Lower Upper

237 100

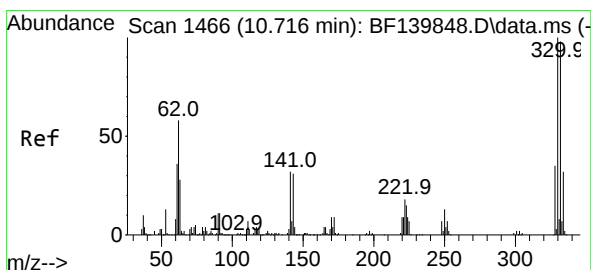
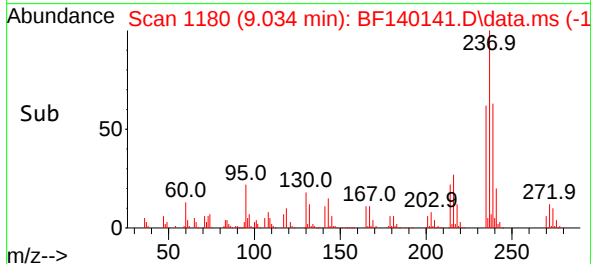
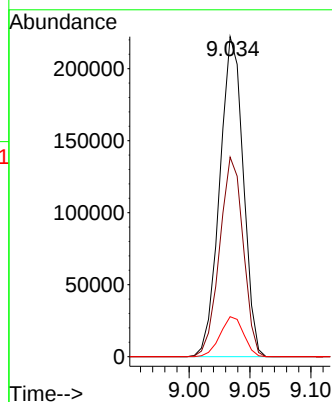
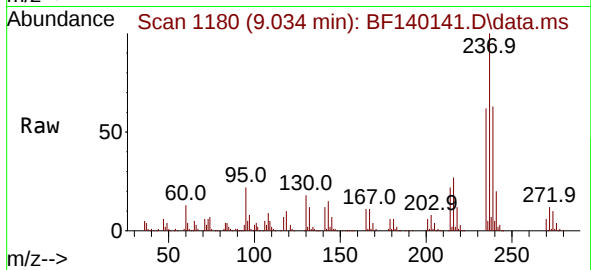
235 62.4 42.9 82.9

272 12.5 0.0 32.3

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 122.708 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

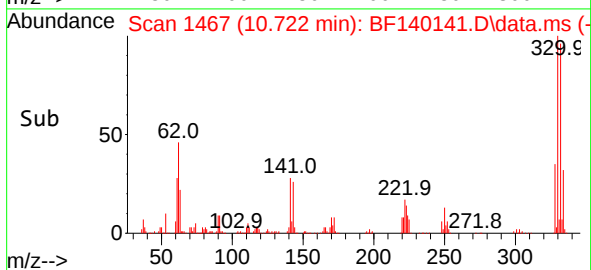
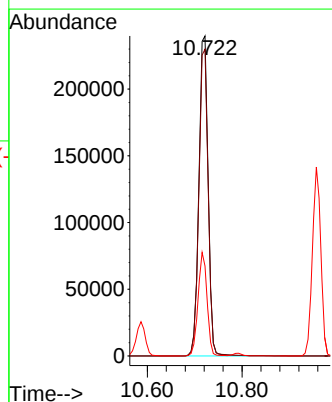
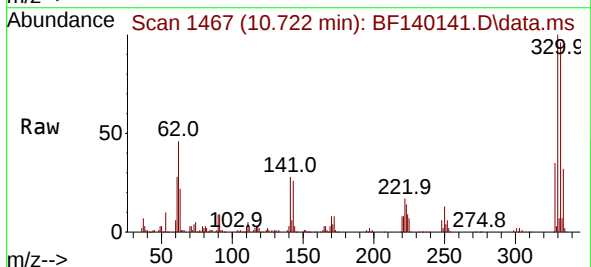
Tgt Ion:330 Resp: 324738

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

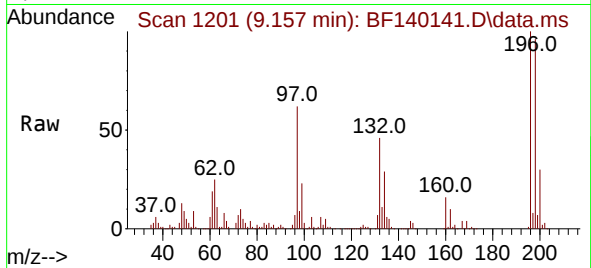
141 31.6 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 46.321 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

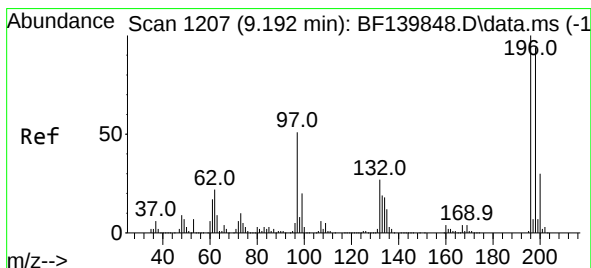
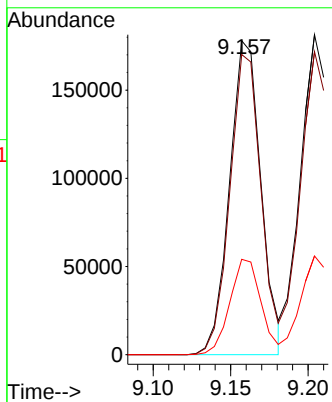
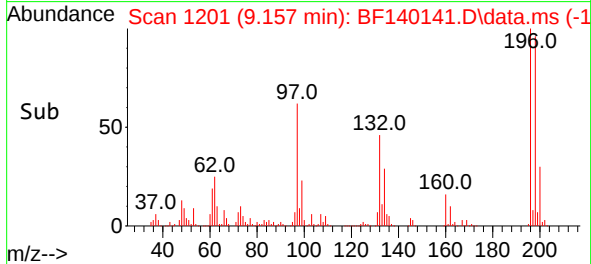
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



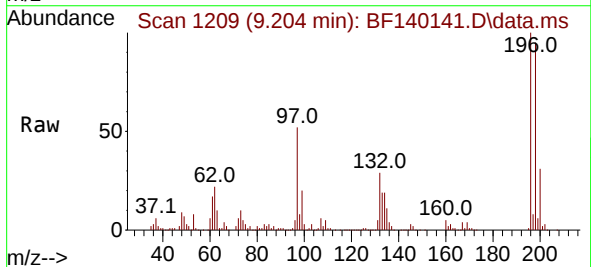
Tgt Ion:196 Resp: 25032
Ion Ratio Lower Upper
196 100
198 95.6 76.2 114.2
200 30.4 24.0 36.0

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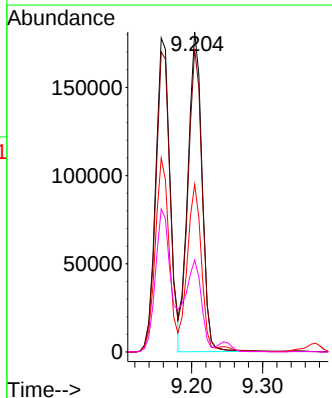
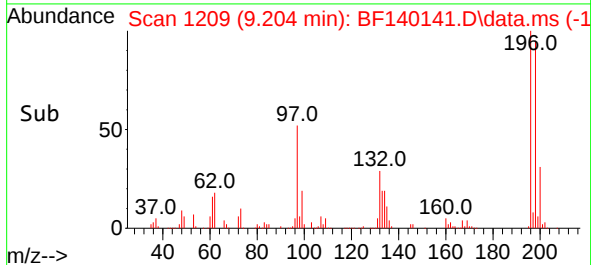
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

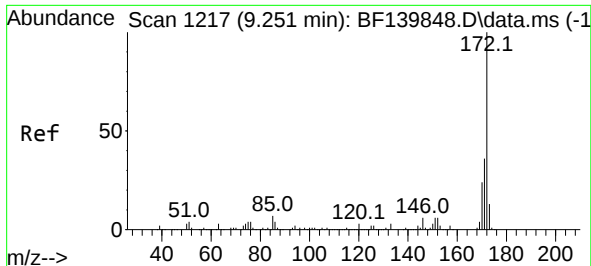


#44
2,4,5-Trichlorophenol
Concen: 44.836 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



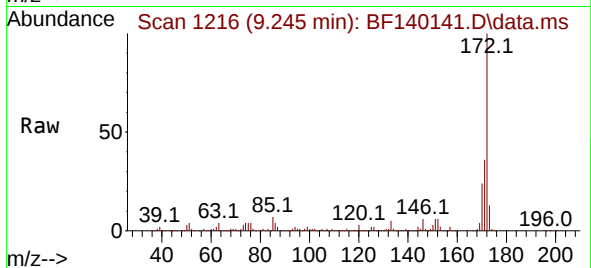
Tgt Ion:196 Resp: 249986
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
97 52.4 41.8 62.6
132 28.7 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 90.385 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

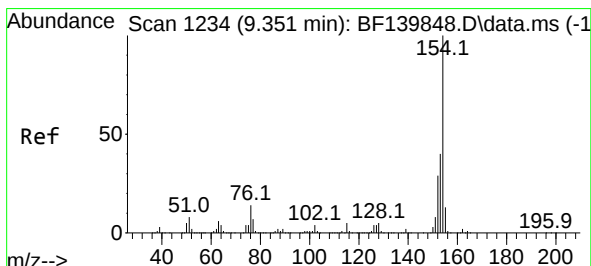
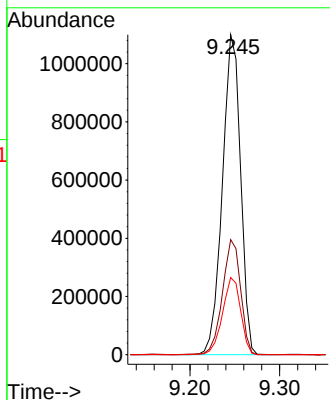
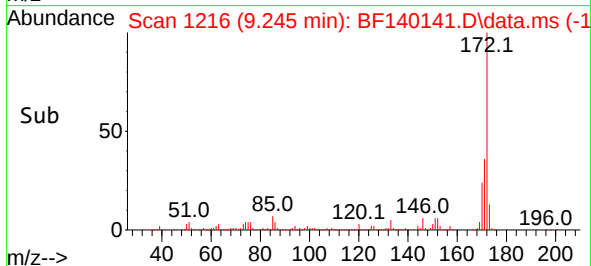
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



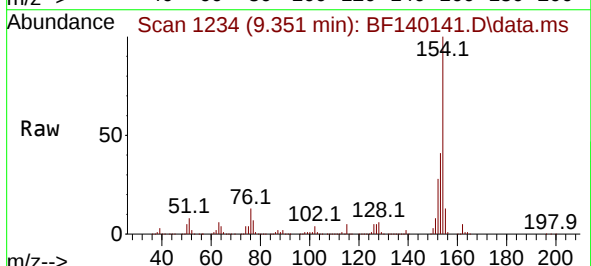
Tgt Ion:172 Resp: 1547329
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.1 28.7

Manual Integrations
APPROVED

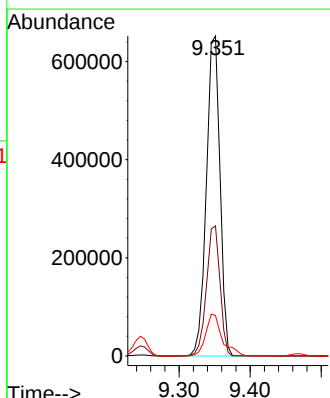
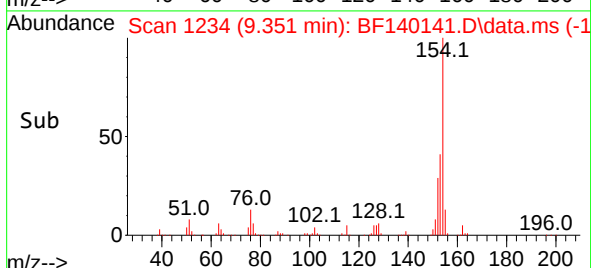
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

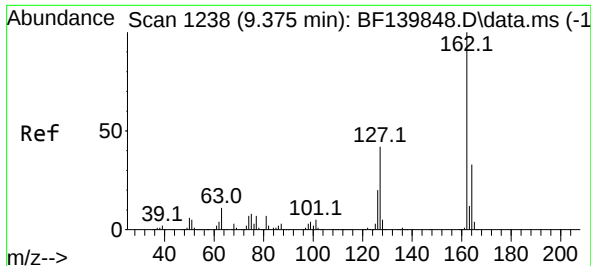


#46
1,1'-Biphenyl
Concen: 44.295 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



Tgt Ion:154 Resp: 872433
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.068 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

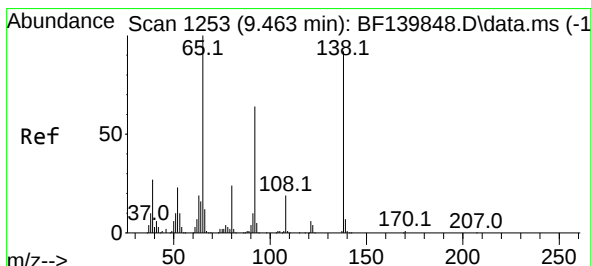
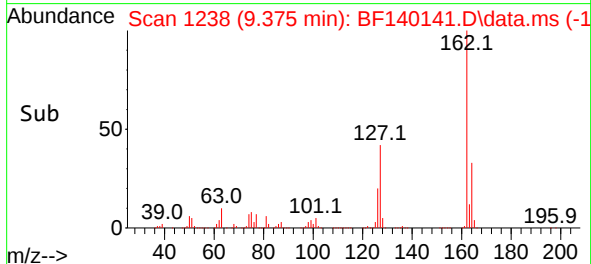
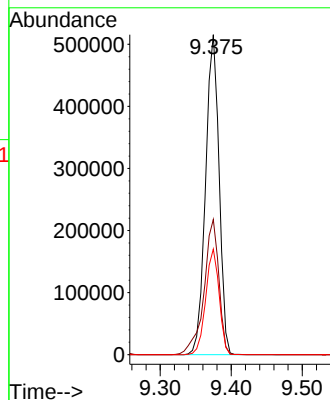
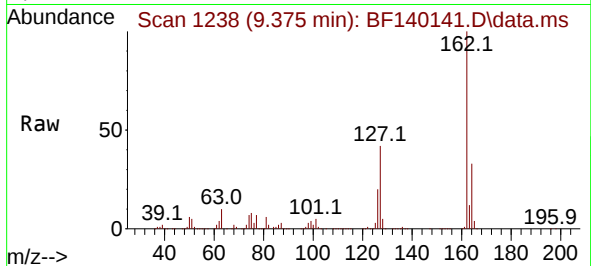
TP-4MSD

Tgt Ion:162 Resp: 683215
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.8 50.6
 164 33.0 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: 51.359 ng

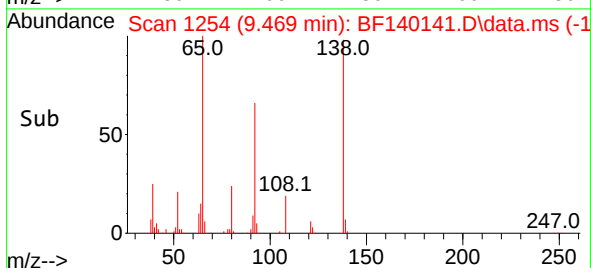
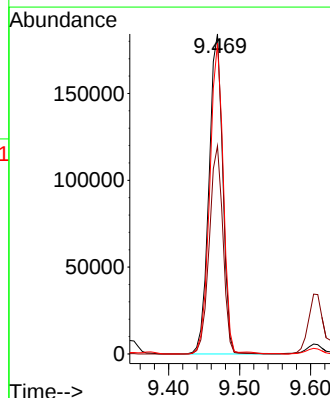
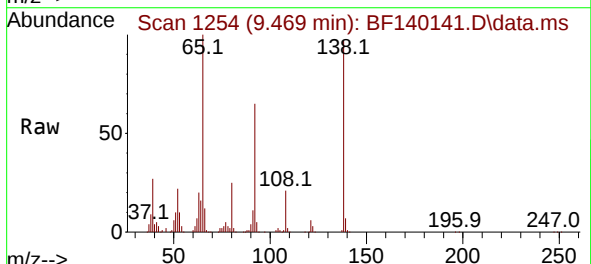
RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Tgt Ion: 65 Resp: 249181
 Ion Ratio Lower Upper
 65 100
 92 65.0 50.9 76.3
 138 97.1 73.4 110.0





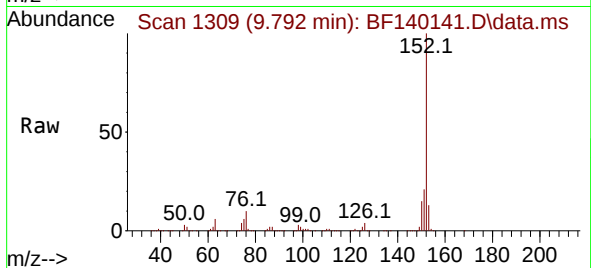
#49
Acenaphthylene
Concen: 47.148 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

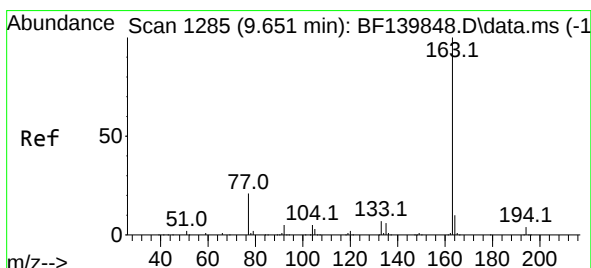
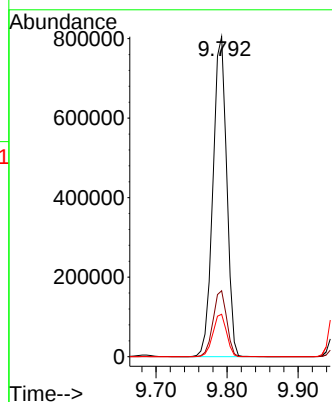
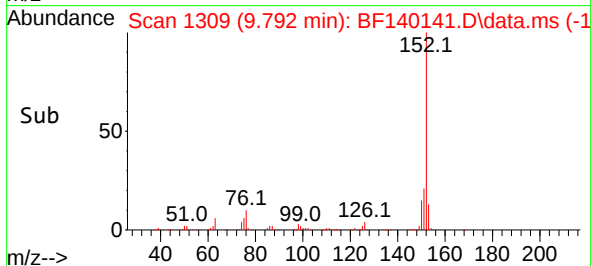


Tgt Ion:152 Resp: 1081279
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.3 10.7 16.1

Manual Integrations

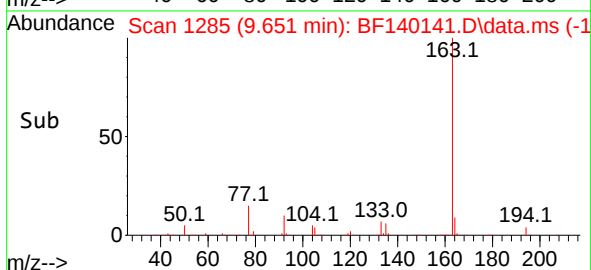
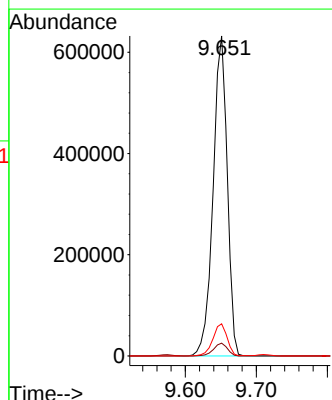
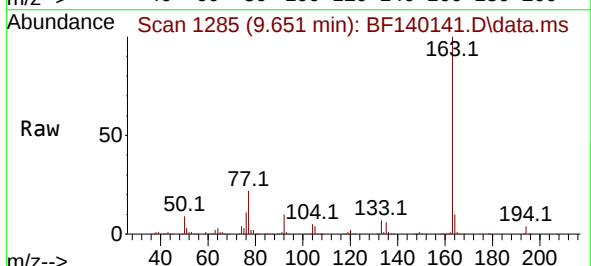
APPROVED

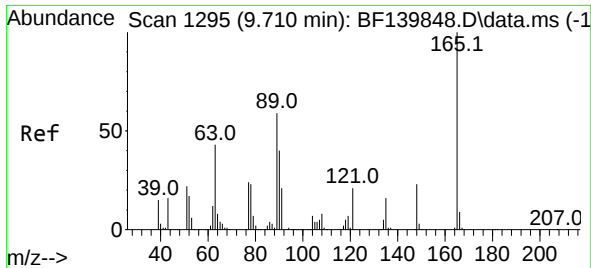
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 49.564 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

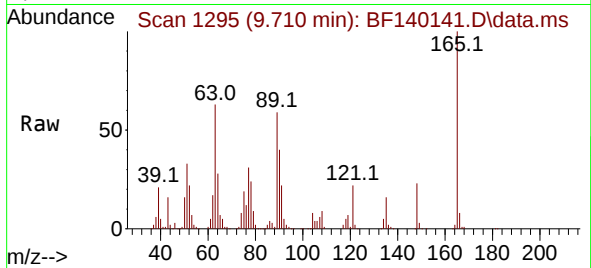
Tgt Ion:163 Resp: 873475
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.041 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

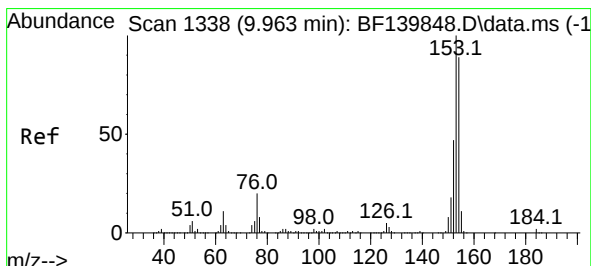
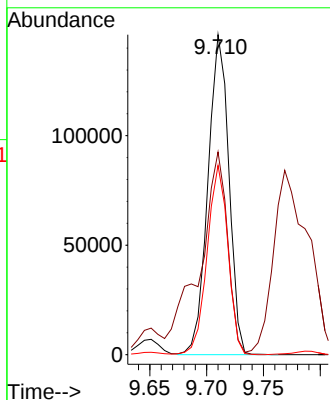
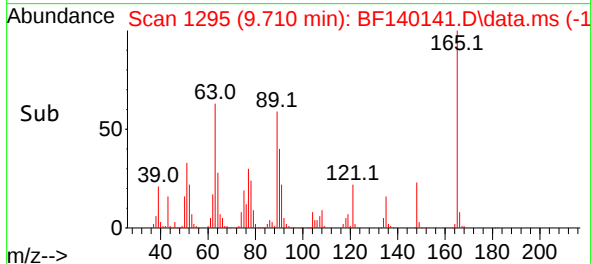
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:165 Resp: 18712
Ion Ratio Lower Upper
165 100
63 63.4 50.6 75.8
89 59.1 47.5 71.3

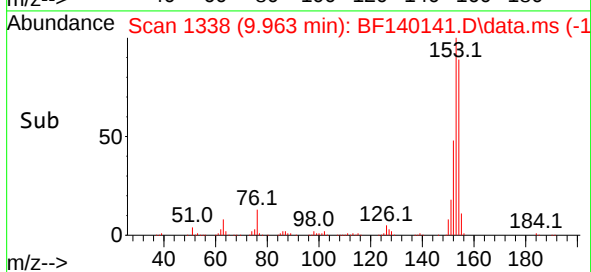
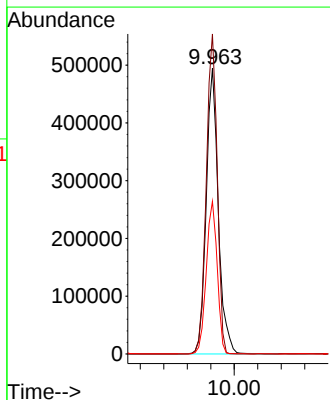
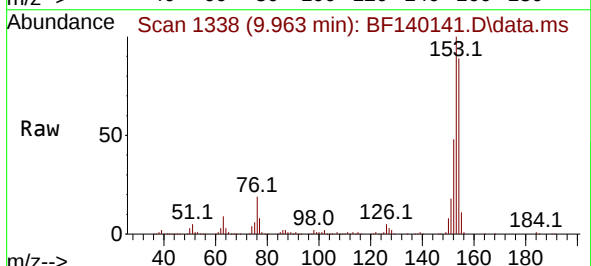
Manual Integrations
APPROVED

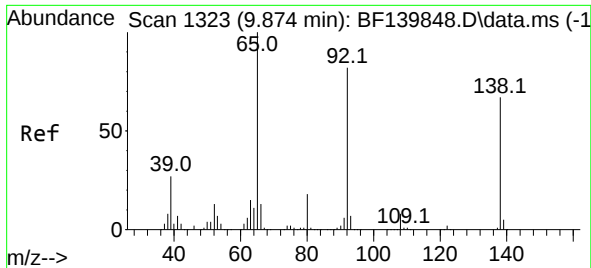
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 47.383 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

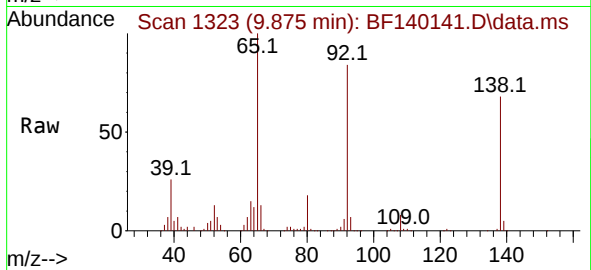
Tgt Ion:154 Resp: 702965
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.6
152 53.5 42.4 63.6





#53
3-Nitroaniline
Concen: 25.163 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

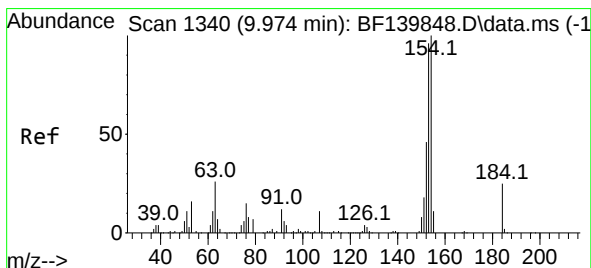
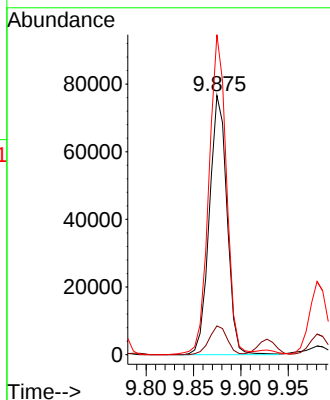
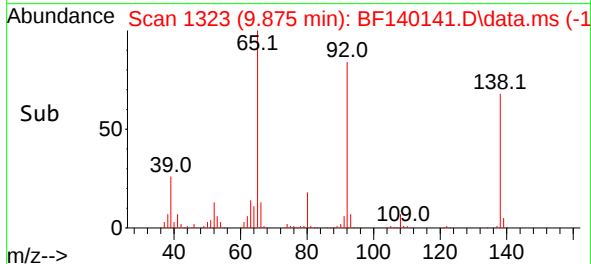
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:138 Resp: 99014
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 123.5 98.3 147.5

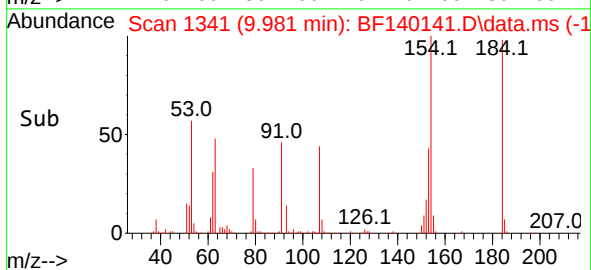
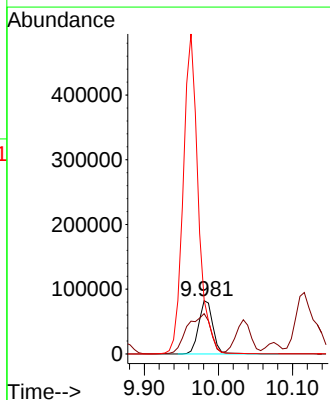
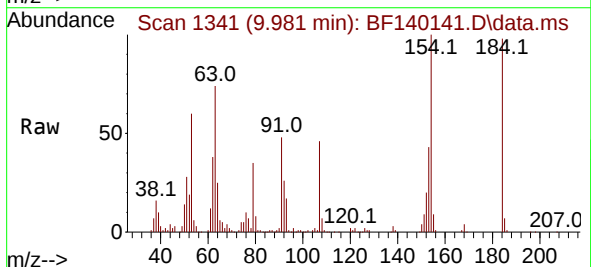
Manual Integrations
APPROVED

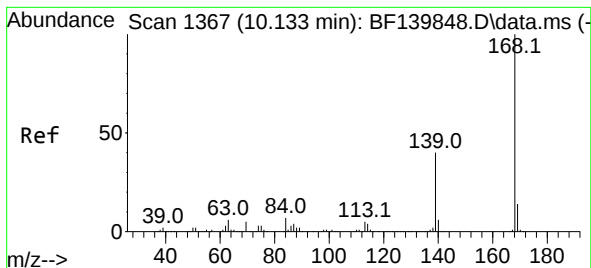
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 69.696 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

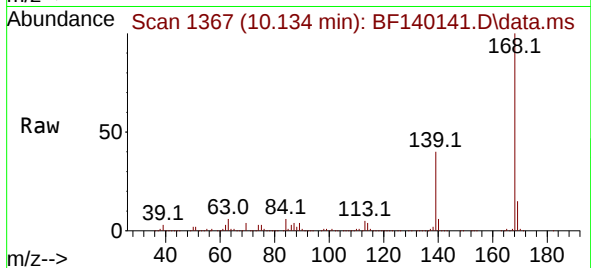
Tgt Ion:184 Resp: 109042
Ion Ratio Lower Upper
184 100
63 75.7 84.7 127.1#
154 101.9 338.2 507.2#





#55
Dibenzenofuran
Concen: 45.095 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

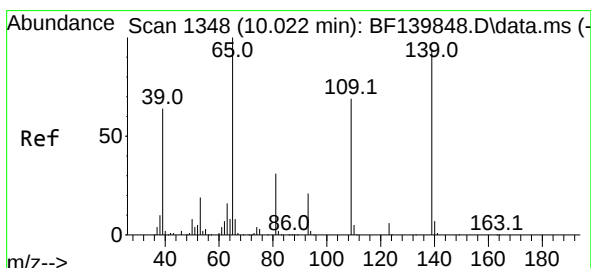
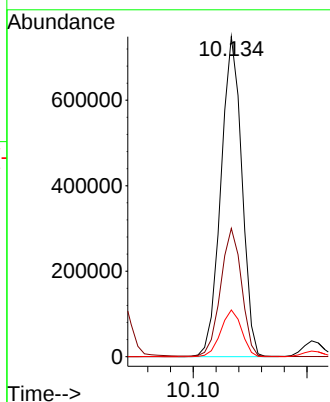
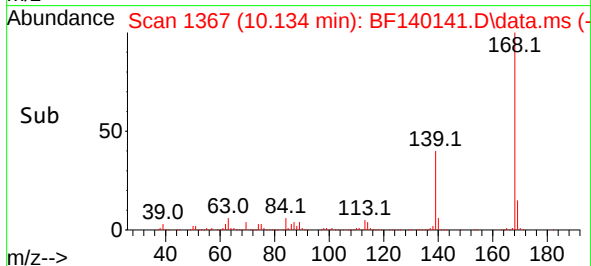
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:168 Resp: 959890
Ion Ratio Lower Upper
168 100
139 40.1 31.8 47.6
169 14.6 11.6 17.4

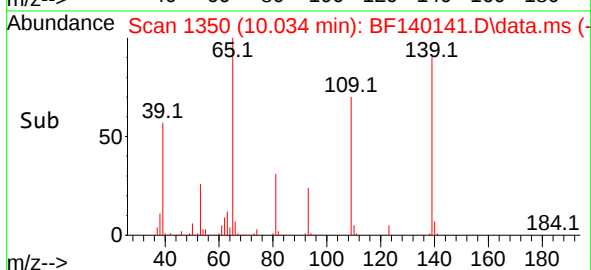
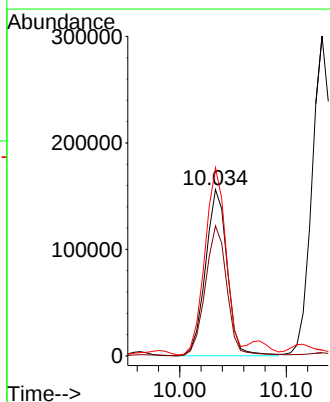
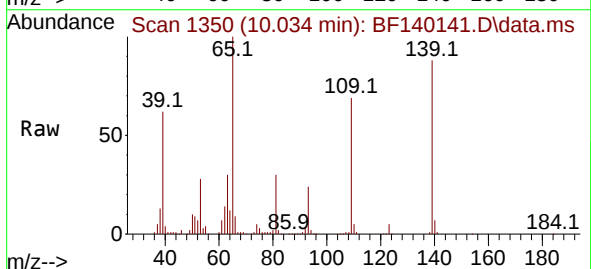
Manual Integrations
APPROVED

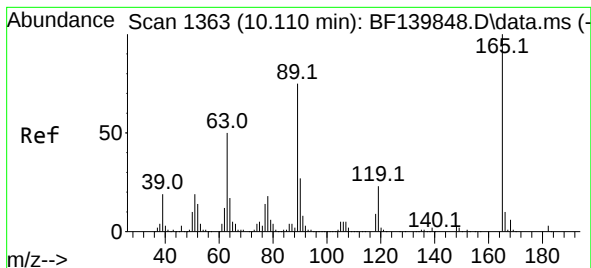
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 72.754 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:139 Resp: 220254
Ion Ratio Lower Upper
139 100
109 78.3 53.6 93.6
65 113.2 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 51.760 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

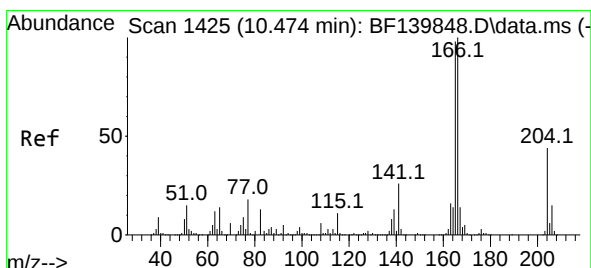
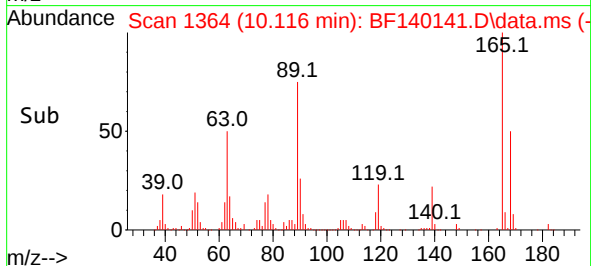
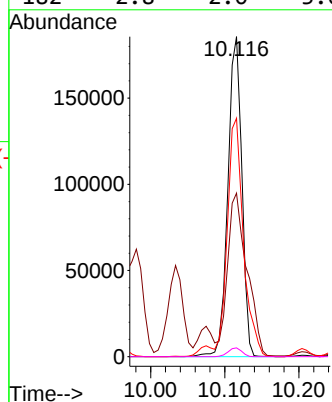
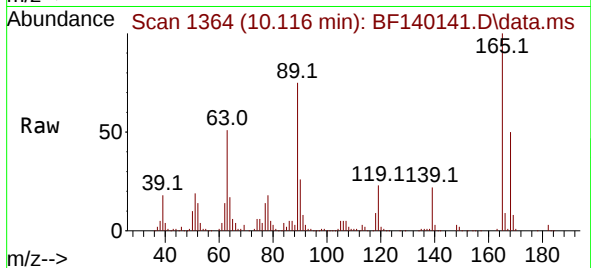
TP-4MSD

Tgt Ion:165 Resp: 24287
Ion Ratio Lower Upper
165 100
63 51.1 40.1 60.1
89 74.5 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations

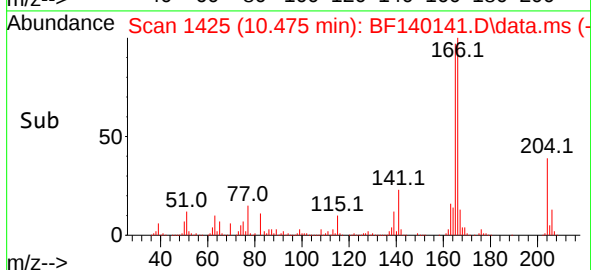
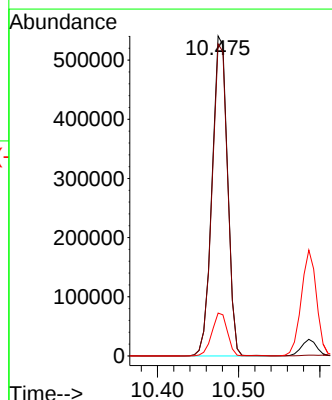
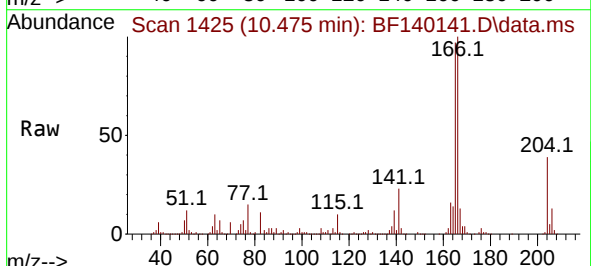
APPROVED

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



#58
Fluorene
Concen: 44.124 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

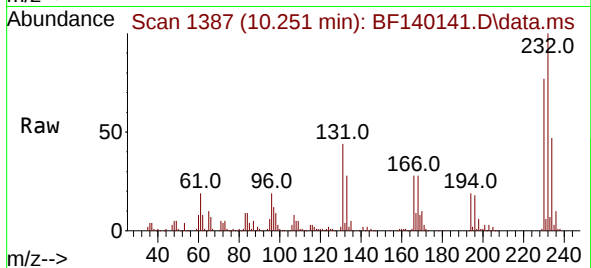
Tgt Ion:166 Resp: 715367
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.318 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

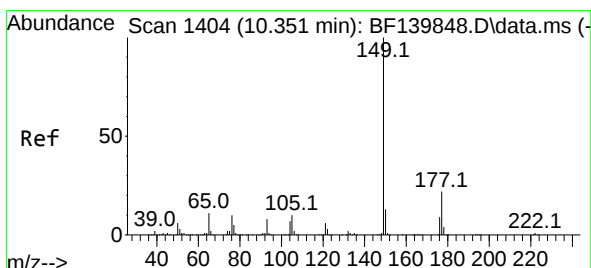
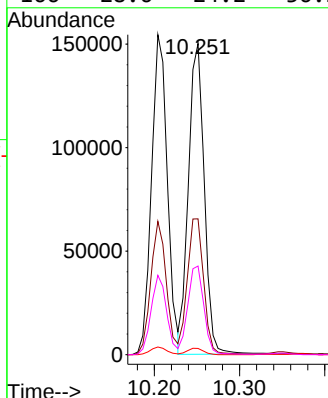
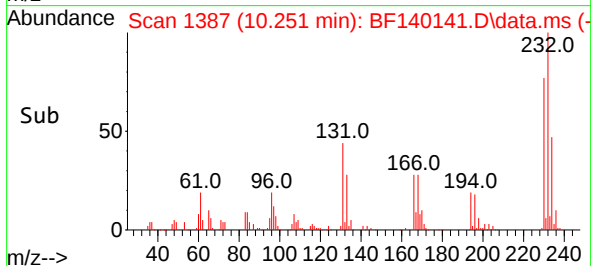
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:232 Resp: 193701
Ion Ratio Lower Upper
232 100
131 45.3 37.0 55.6
130 2.2 1.9 2.9
166 28.6 24.2 36.2

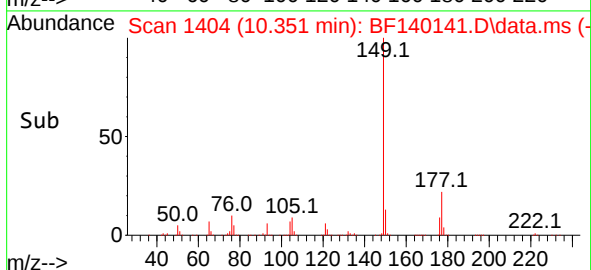
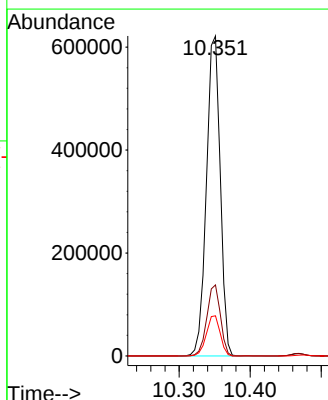
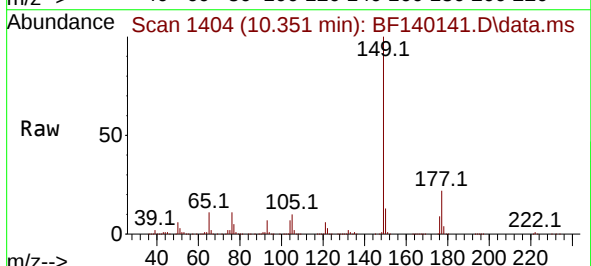
Manual Integrations
APPROVED

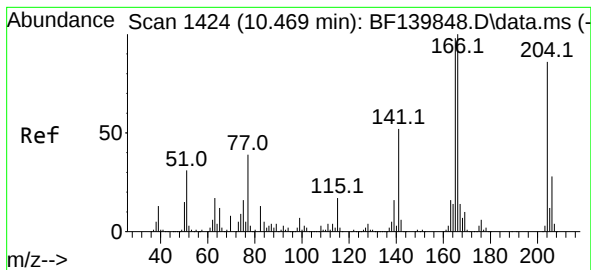
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 48.605 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

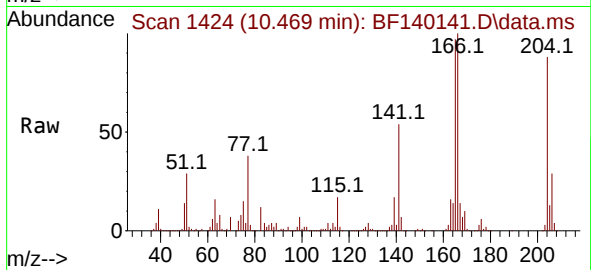
Tgt Ion:149 Resp: 841030
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.857 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

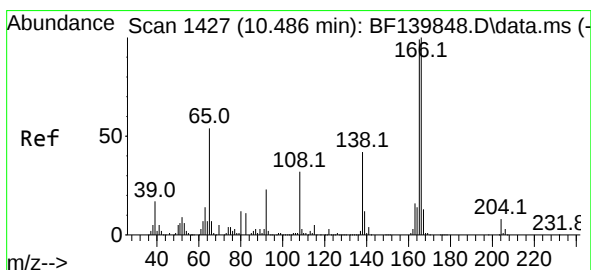
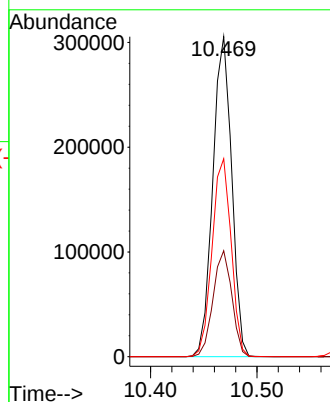
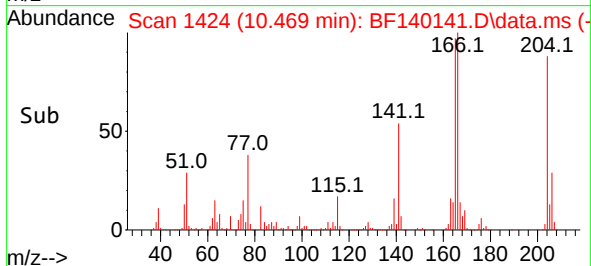
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



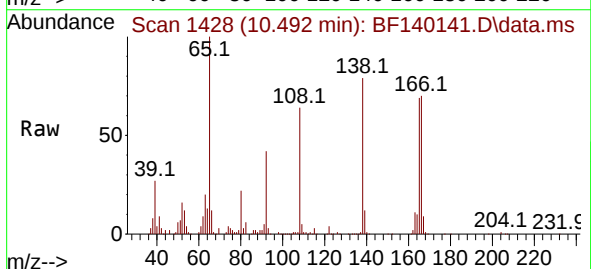
Tgt Ion:204 Resp: 375452
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 61.9 48.6 73.0

Manual Integrations
APPROVED

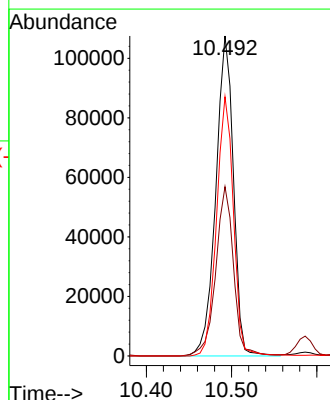
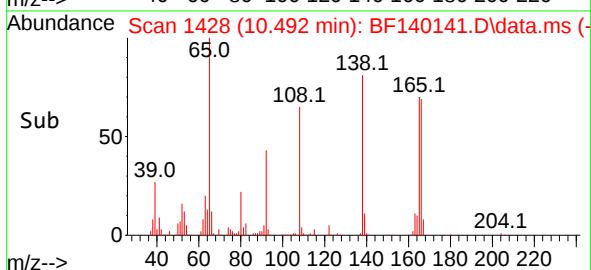
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

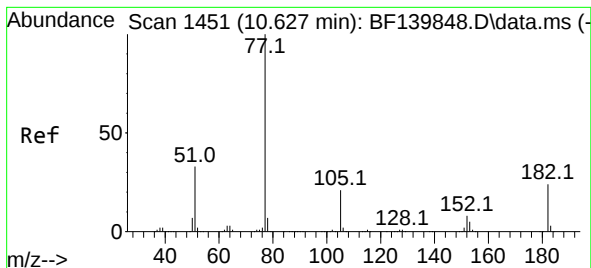


#62
4-Nitroaniline
Concen: 41.751 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



Tgt Ion:138 Resp: 155164
Ion Ratio Lower Upper
138 100
92 52.9 35.7 75.7
108 81.0 57.5 97.5





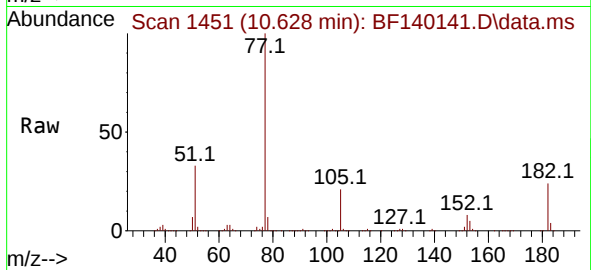
#63
Azobenzene
Concen: 45.150 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

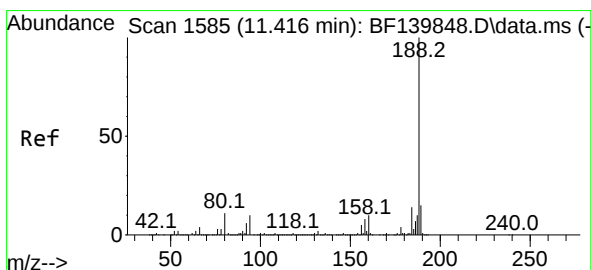
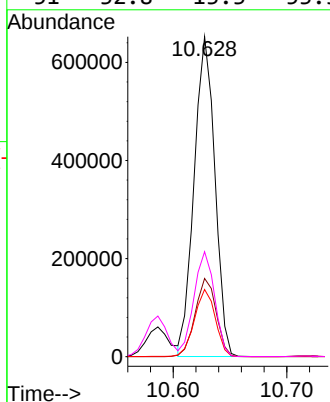
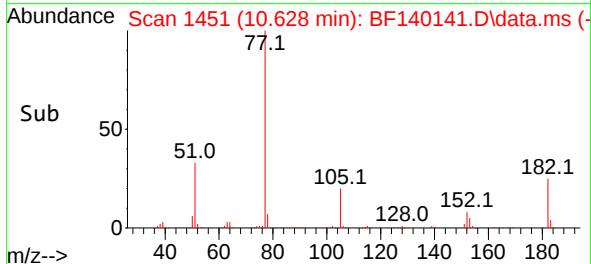


Tgt Ion: 77 Resp: 82825
Ion Ratio Lower Upper
77 100
182 24.4 3.3 43.3
105 21.0 1.2 41.2
51 32.8 13.3 53.3

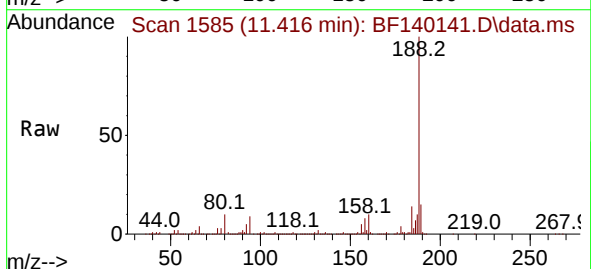
Manual Integrations

APPROVED

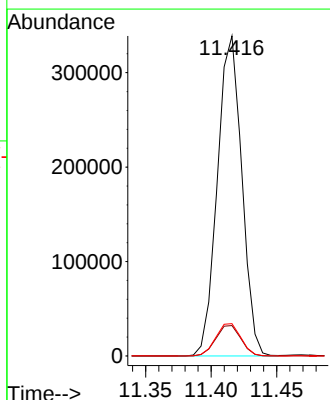
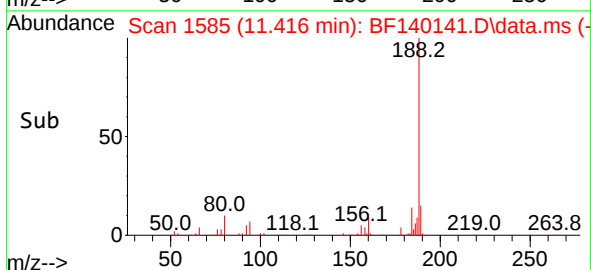
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

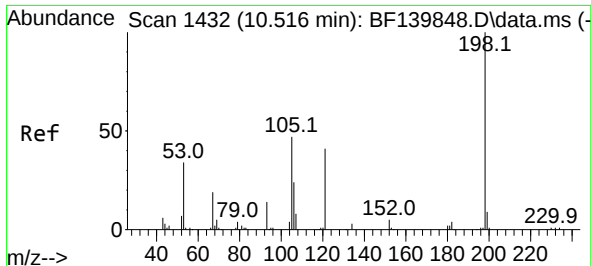


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



Tgt Ion:188 Resp: 439248
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.1 9.0 13.4





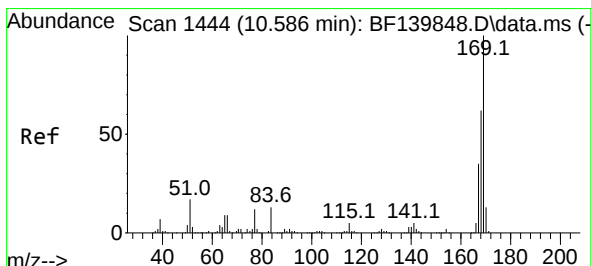
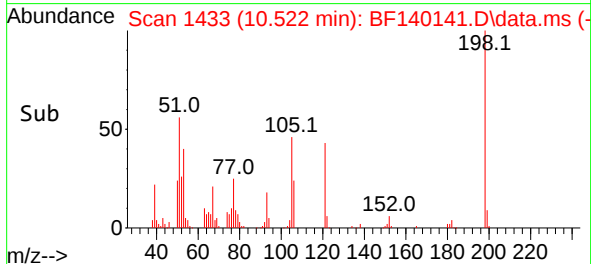
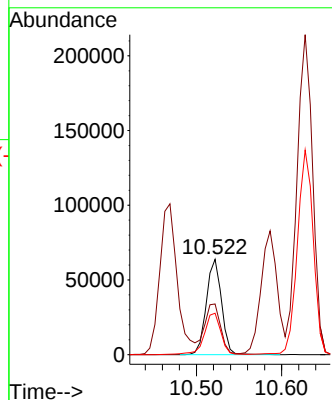
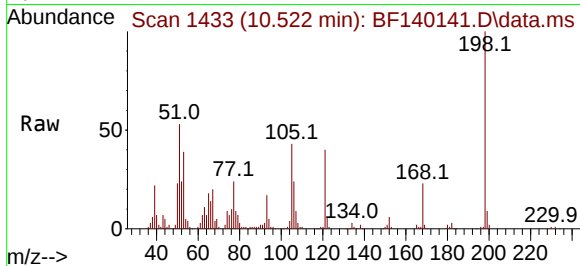
#65
4,6-Dinitro-2-methylphenol
Concen: 44.089 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:198 Resp: 78994
Ion Ratio Lower Upper
198 100
51 53.2 38.2 78.2
105 43.5 27.9 67.9

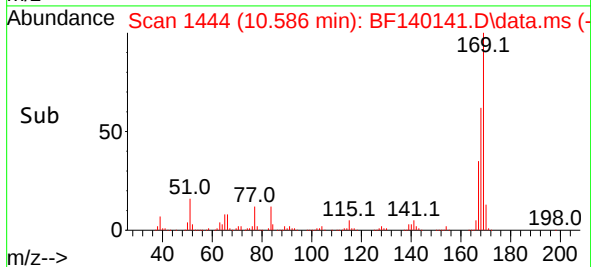
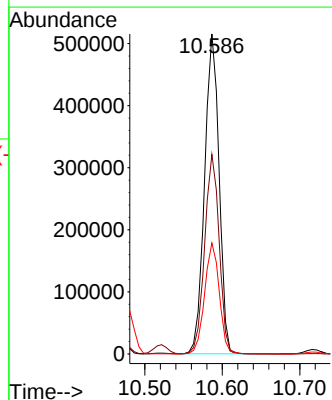
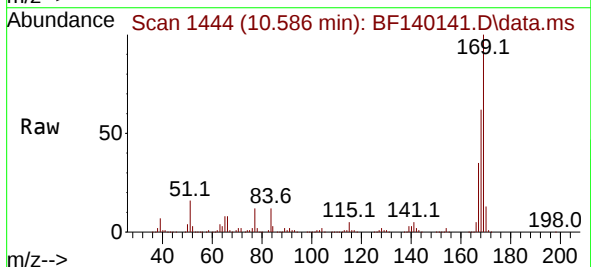
Manual Integrations
APPROVED

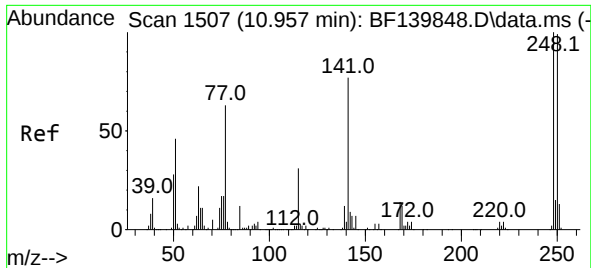
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 50.789 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

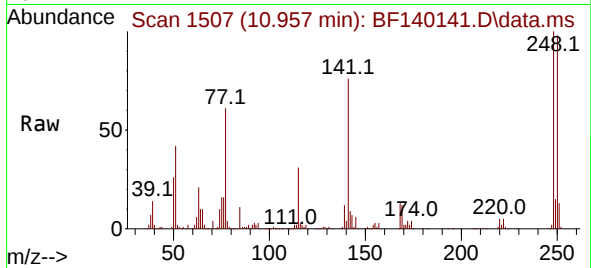
Tgt Ion:169 Resp: 667704
Ion Ratio Lower Upper
169 100
168 62.3 49.8 74.6
167 34.7 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 52.104 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

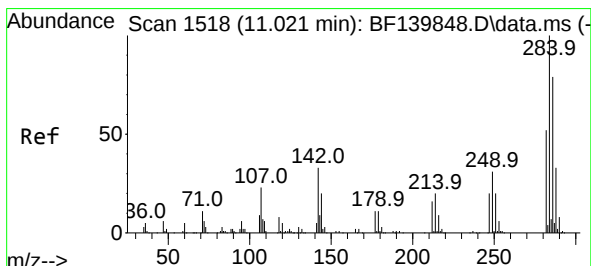
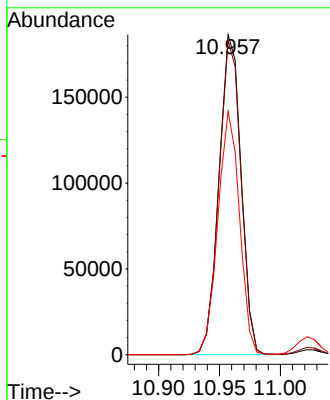
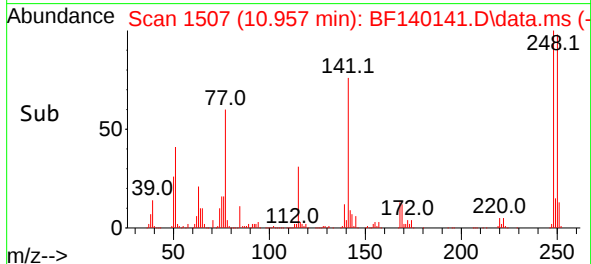
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



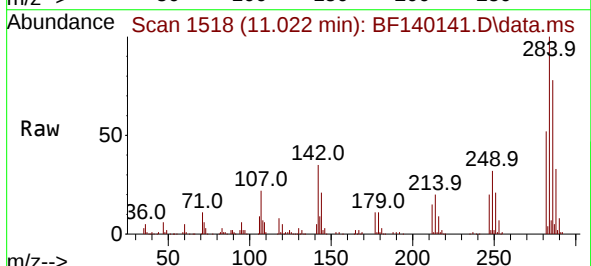
Tgt Ion:248 Resp: 23577
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.6
141 76.0 61.7 92.5

Manual Integrations
APPROVED

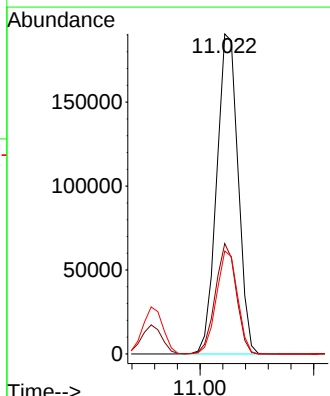
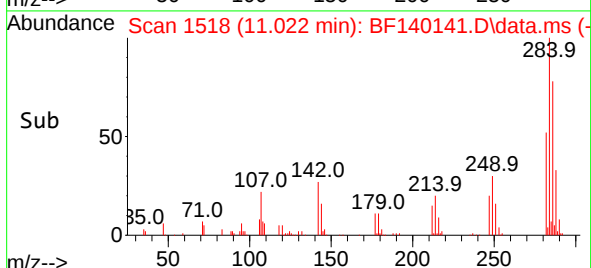
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 48.955 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



Tgt Ion:284 Resp: 249144
Ion Ratio Lower Upper
284 100
142 34.5 26.9 40.3
249 32.2 25.3 37.9





#69

Atrazine

Concen: 46.331 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:200 Resp: 16499

Ion Ratio Lower Upper

200 100

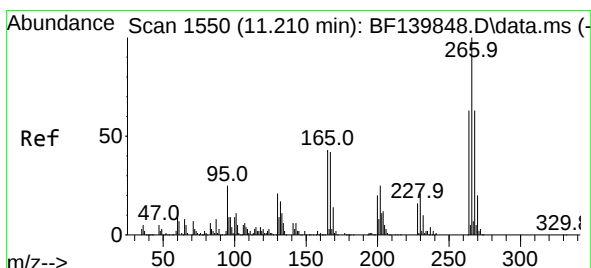
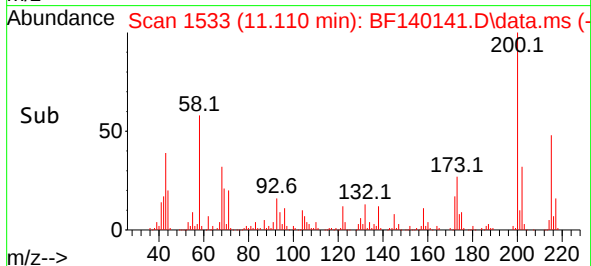
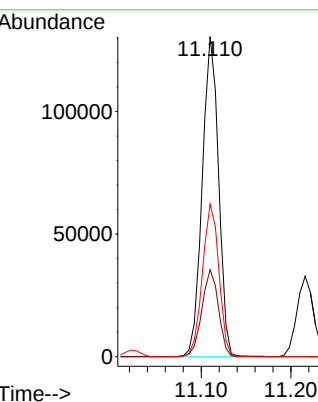
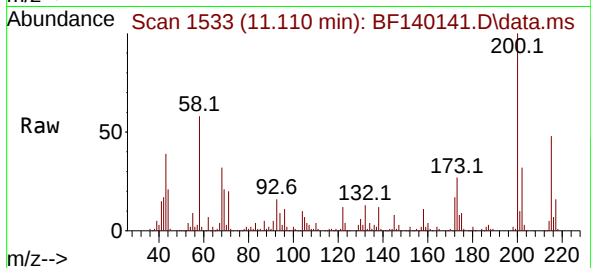
173 27.2 7.7 47.7

215 47.7 27.7 67.7

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 76.725 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

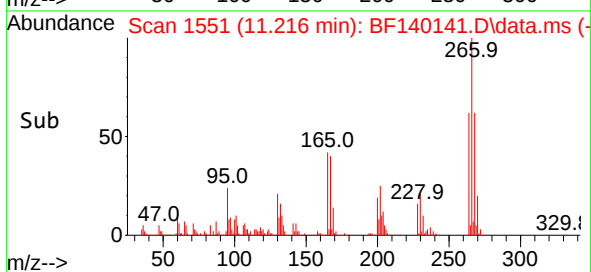
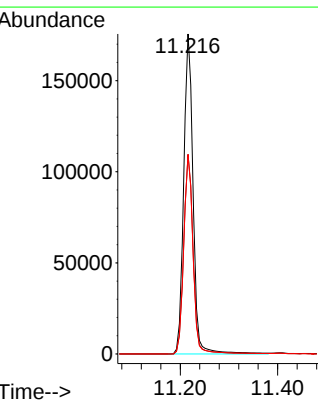
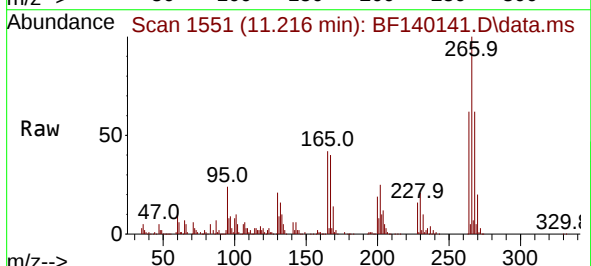
Tgt Ion:266 Resp: 236977

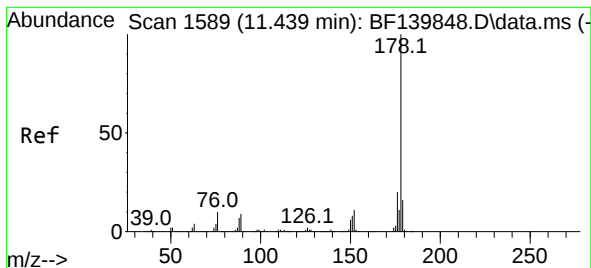
Ion Ratio Lower Upper

266 100

268 62.4 50.4 75.6

264 62.3 50.6 75.8





#71

Phenanthrene

Concen: 46.553 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

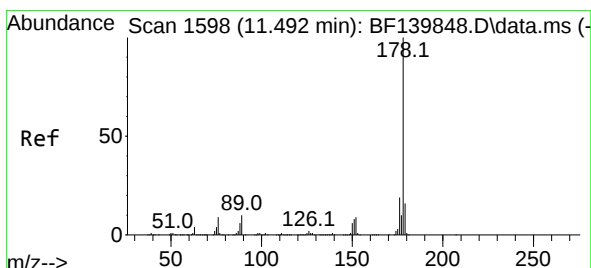
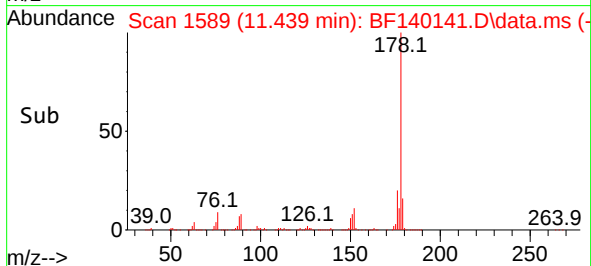
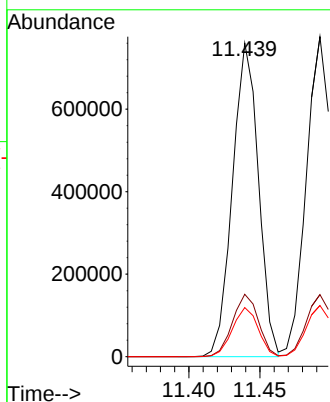
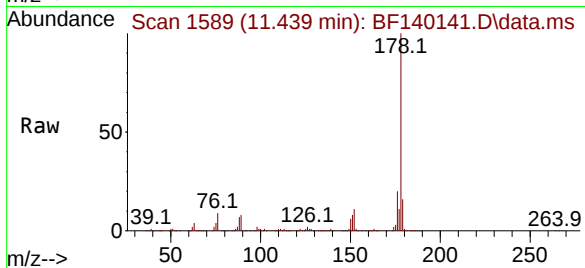
TP-4MSD

Tgt Ion:	178	Resp:	96589
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.6
179	15.7	12.6	18.8

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 48.472 ng

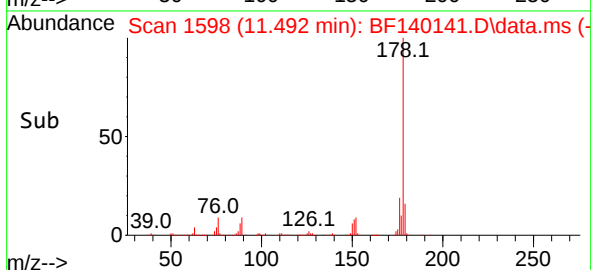
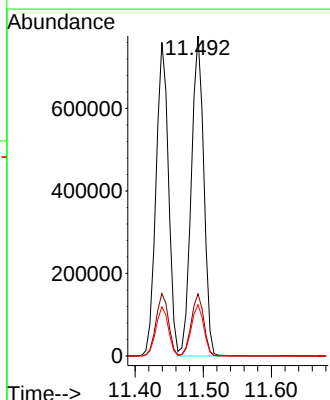
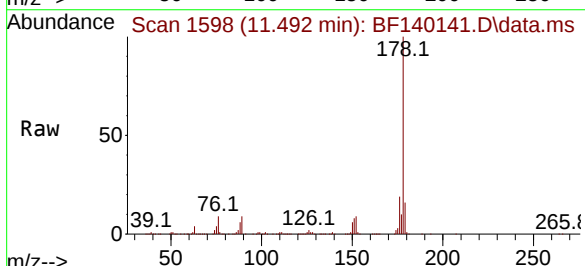
RT: 11.492 min Scan# 1598

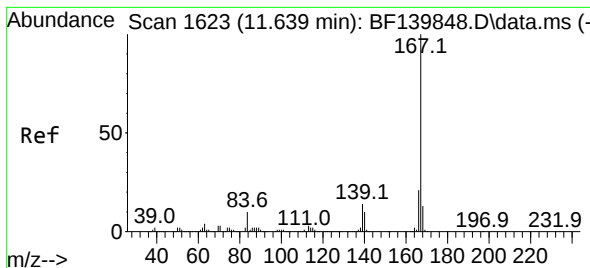
Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Tgt Ion:	178	Resp:	981252
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.3	22.9
179	16.0	12.4	18.6





#73

Carbazole

Concen: 41.984 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF140141.D

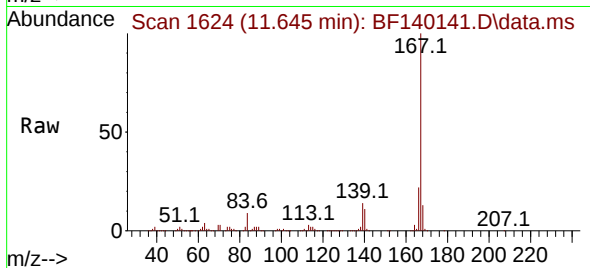
Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD



Tgt Ion:167 Resp: 790430

Ion Ratio Lower Upper

167 100

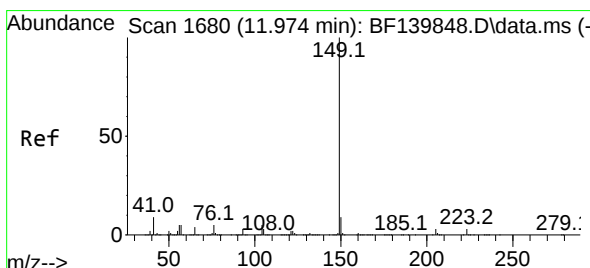
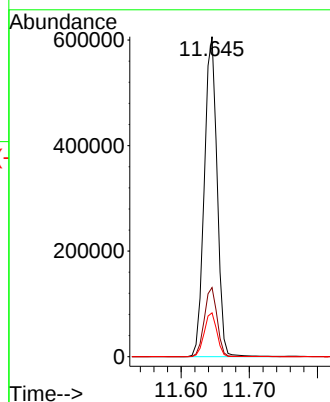
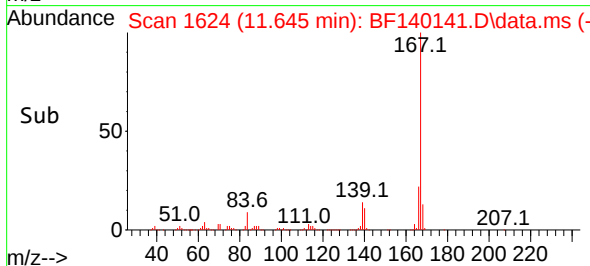
166 21.6 17.0 25.6

139 13.7 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: 52.986 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

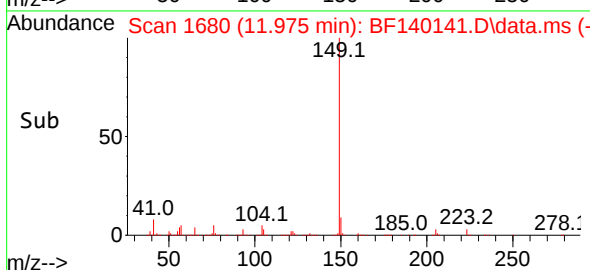
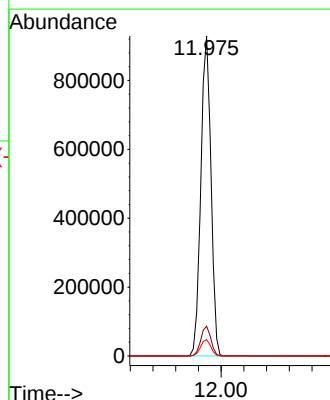
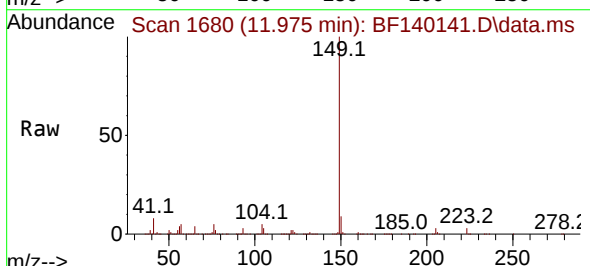
Tgt Ion:149 Resp: 1152532

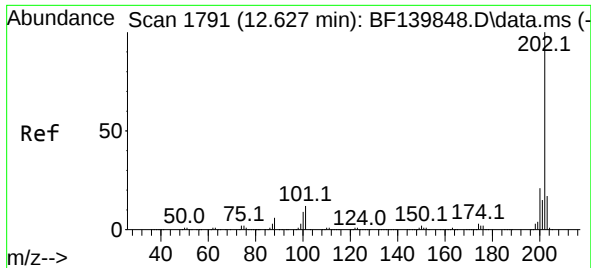
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

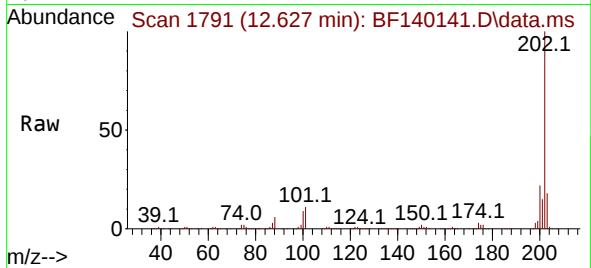
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 41.713 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

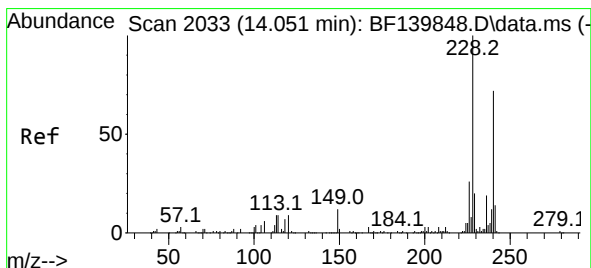
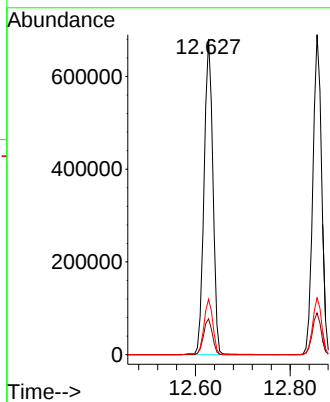
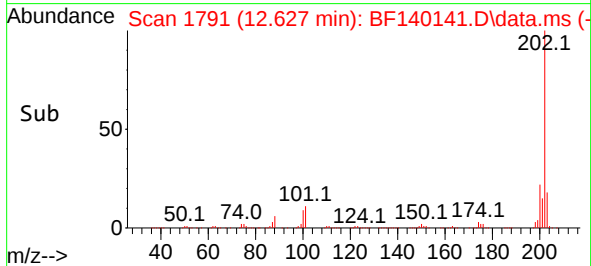
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



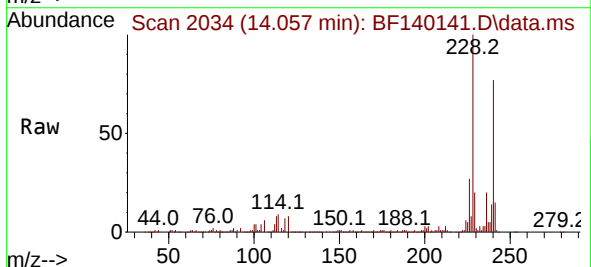
Tgt Ion:202 Resp: 874925
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.9
203 17.6 0.0 37.5

Manual Integrations
APPROVED

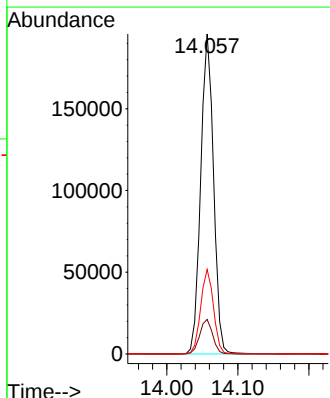
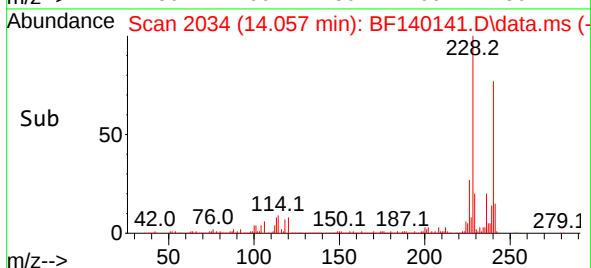
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

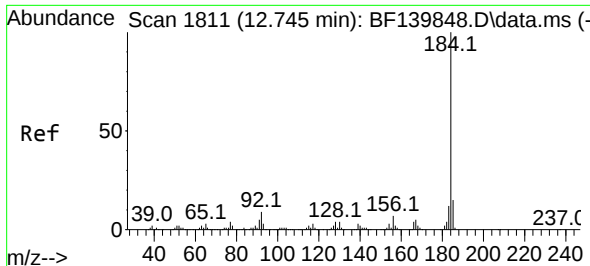


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



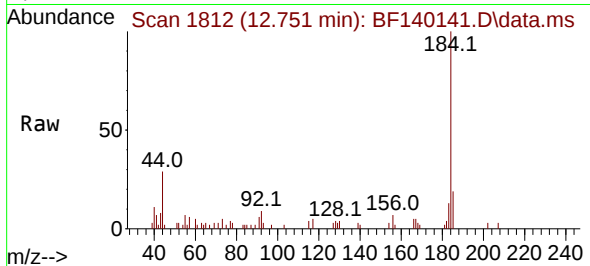
Tgt Ion:240 Resp: 246770
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.4 20.9 31.3





#77
Benzidine
Concen: 5.107 ng
RT: 12.751 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

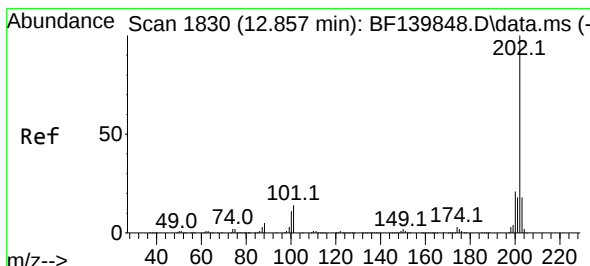
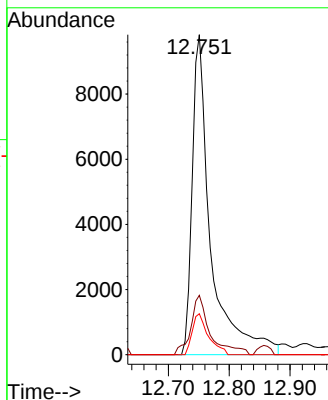
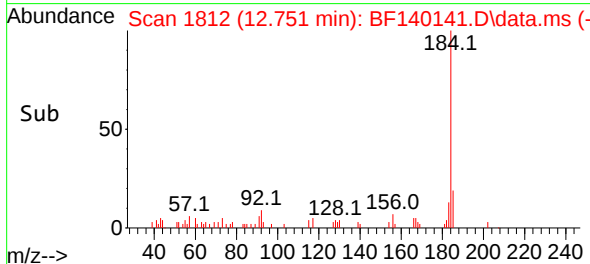
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:184 Resp: 2072
Ion Ratio Lower Upper
184 100
185 18.5 12.0 18.0
183 12.8 9.4 14.2

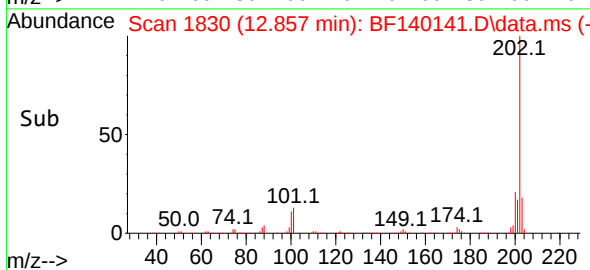
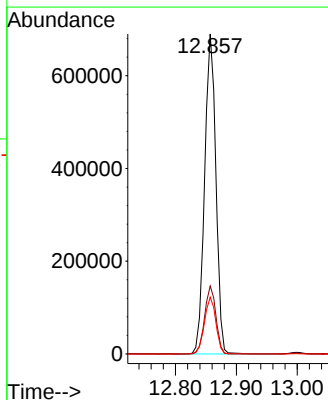
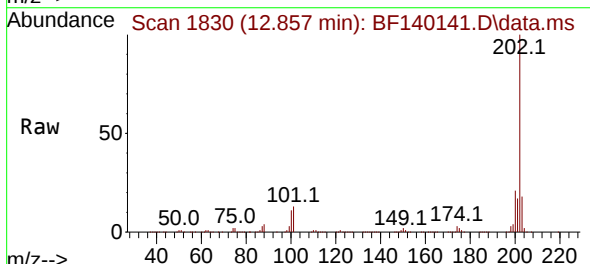
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 41.112 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:202 Resp: 888037
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 86.925 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:244 Resp: 1316400

Ion Ratio Lower Upper

244 100

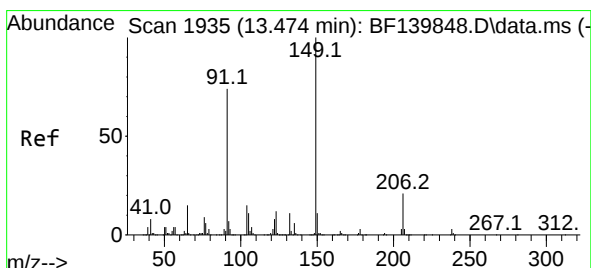
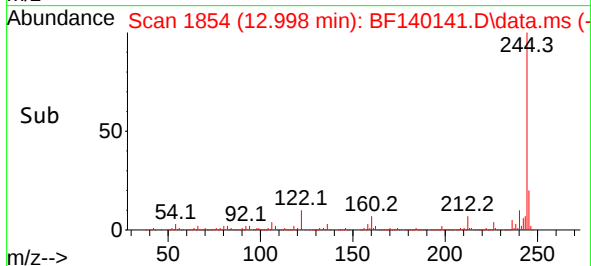
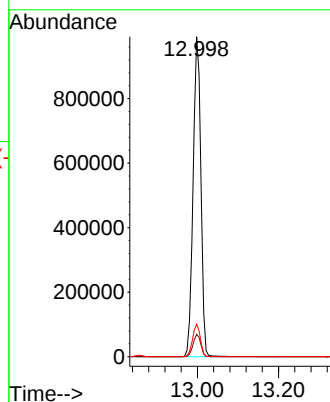
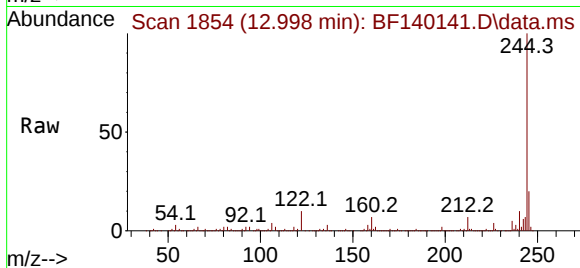
212 7.0 5.7 8.5

122 10.2 8.6 13.0

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 57.356 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

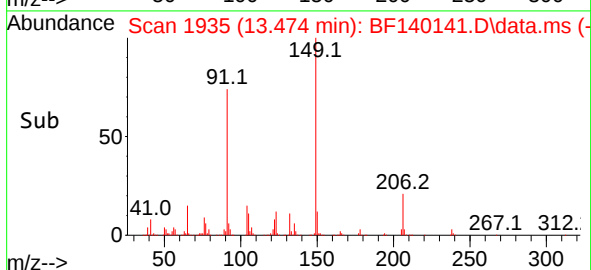
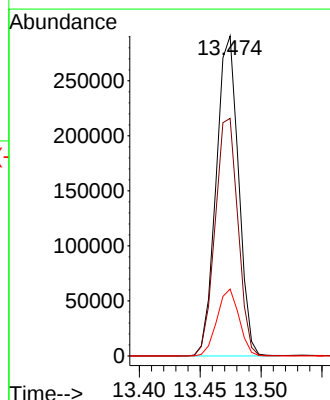
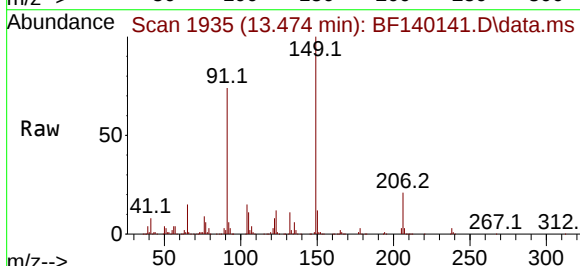
Tgt Ion:149 Resp: 371435

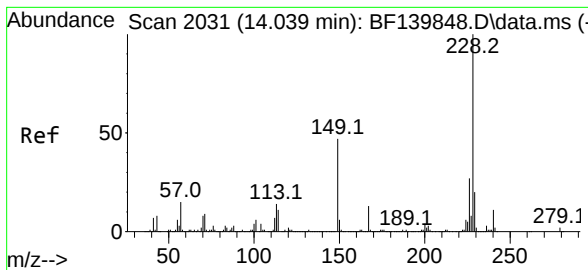
Ion Ratio Lower Upper

149 100

91 74.3 59.4 89.2

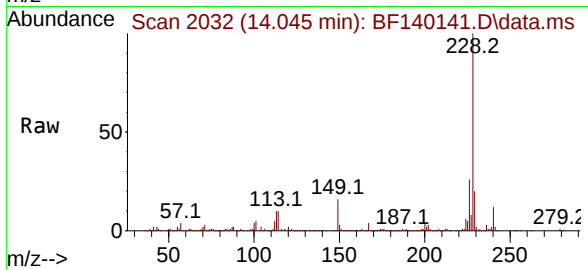
206 20.9 16.4 24.6





#81
Benzo(a)anthracene
Concen: 48.550 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

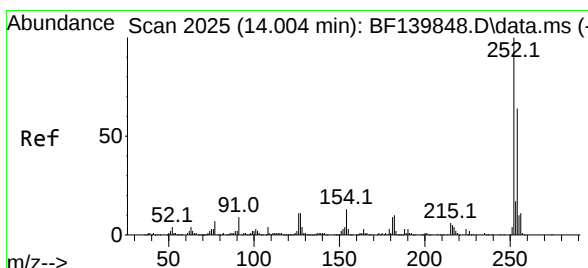
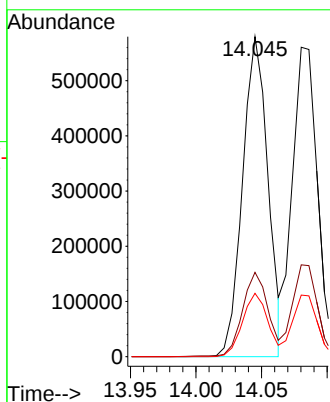
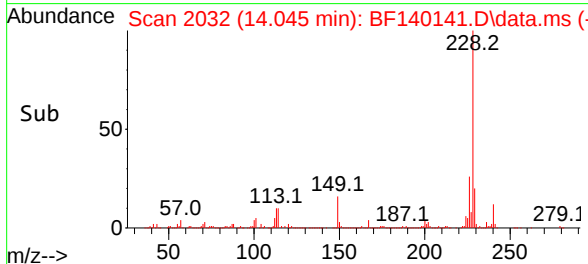
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



Tgt Ion:228 Resp: 77989
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.8 16.1 24.1

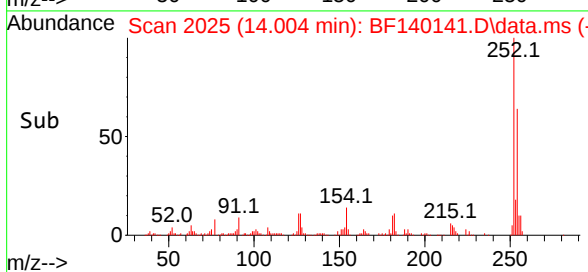
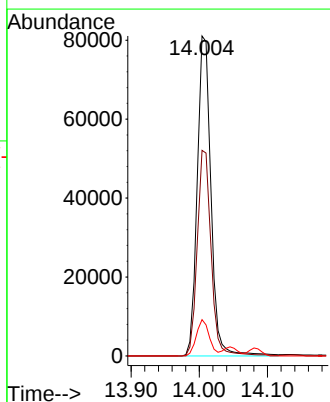
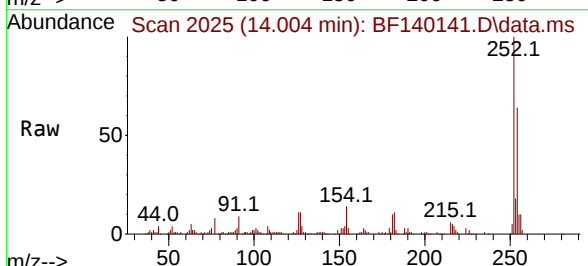
Manual Integrations
APPROVED

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



#82
3,3'-Dichlorobenzidine
Concen: 24.322 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Tgt Ion:252 Resp: 113916
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 11.3 8.9 13.3





#83

Chrysene

Concen: 50.725 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

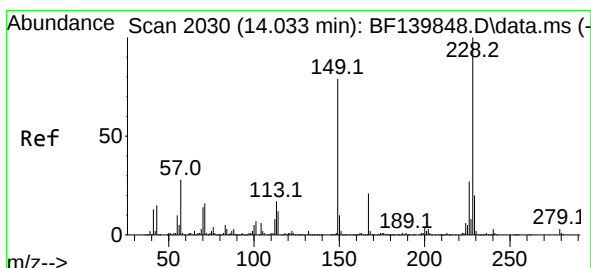
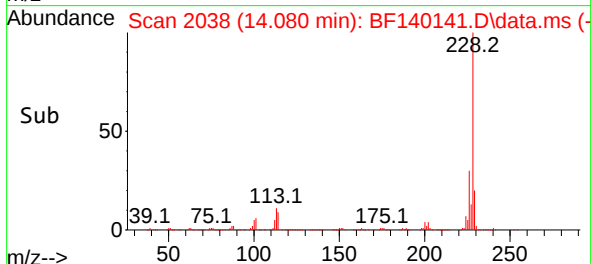
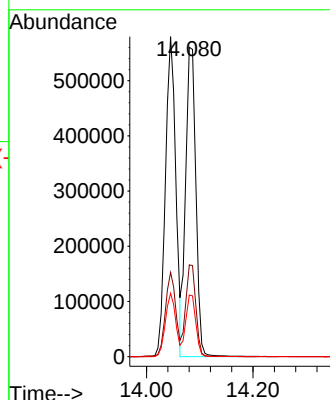
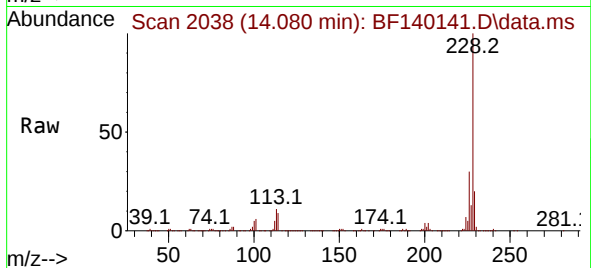
TP-4MSD

Tgt Ion:	228	Resp:	747112
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.1	36.1
229	19.9	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: 68.856 ng

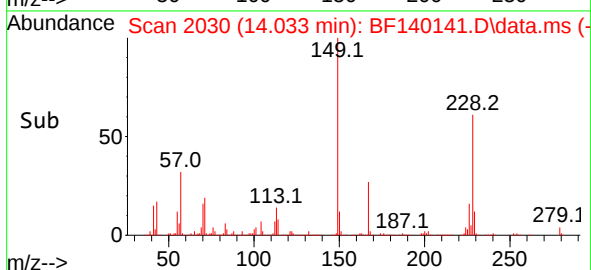
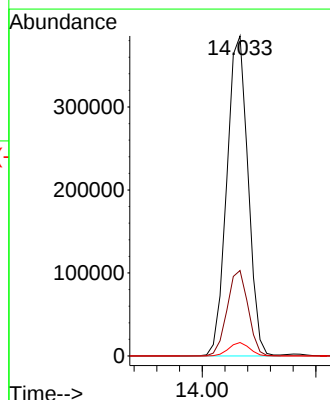
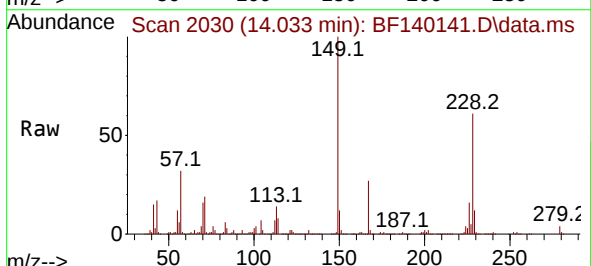
RT: 14.033 min Scan# 2030

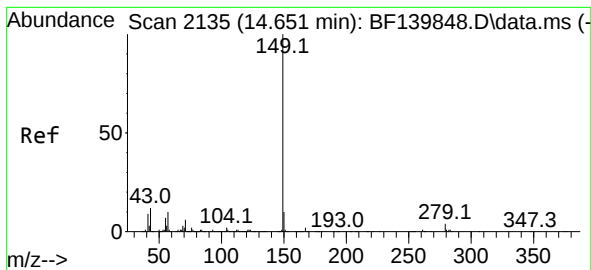
Delta R.T. 0.000 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Tgt Ion:	149	Resp:	500283
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	4.2	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 64.639 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140141.D

Acq: 30 Oct 2024 05:06

Instrument :

BNA_F

ClientSampleId :

TP-4MSD

Tgt Ion:149 Resp: 85422

Ion Ratio Lower Upper

149 100

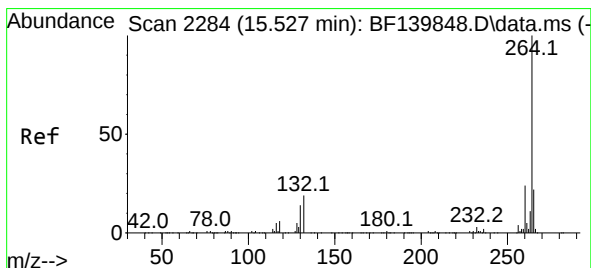
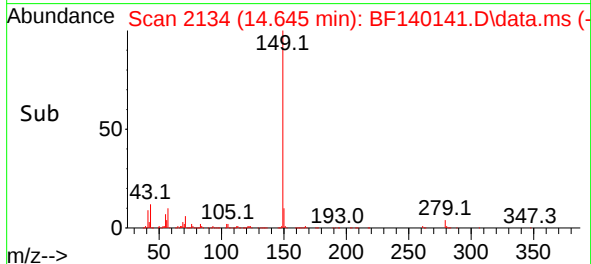
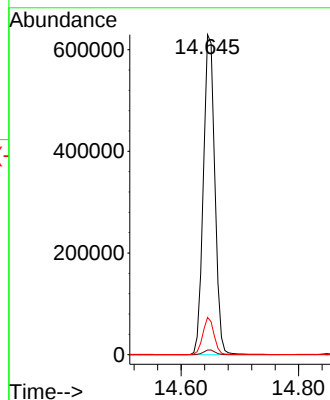
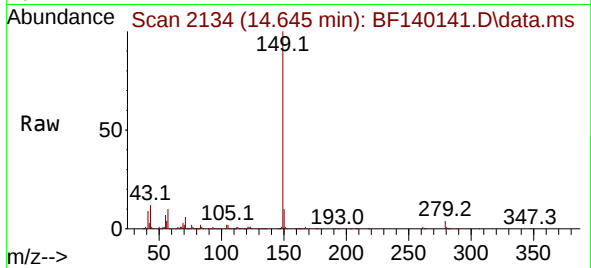
167 1.5 1.2 1.8

43 11.2 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: BF140141.D

Acq: 30 Oct 2024 05:06

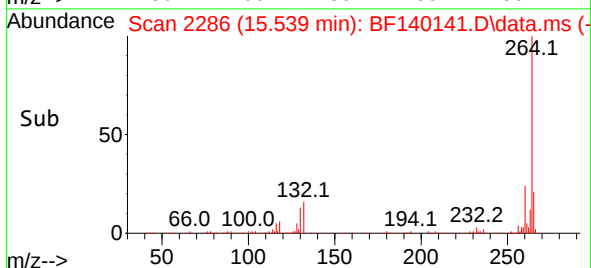
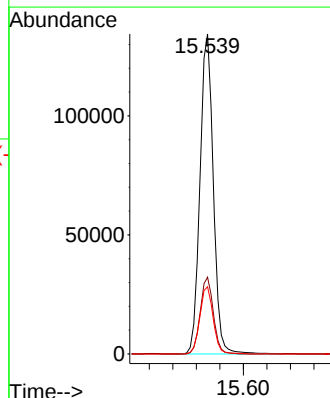
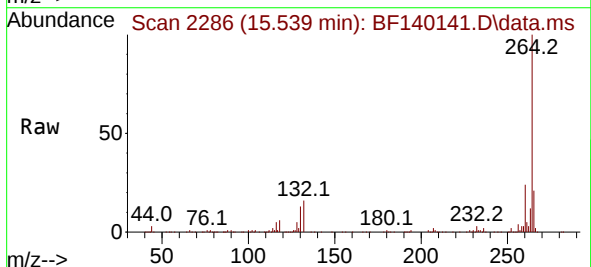
Tgt Ion:264 Resp: 211296

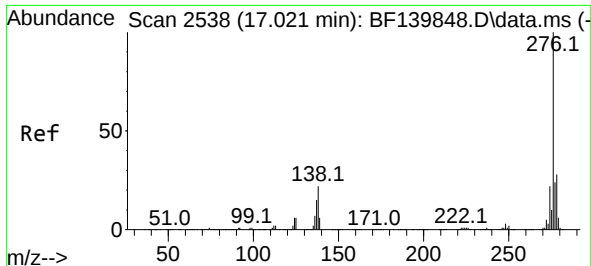
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

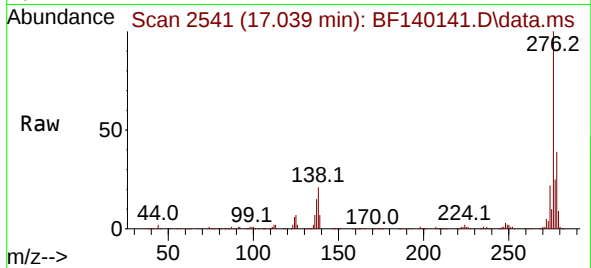
265 21.0 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.833 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

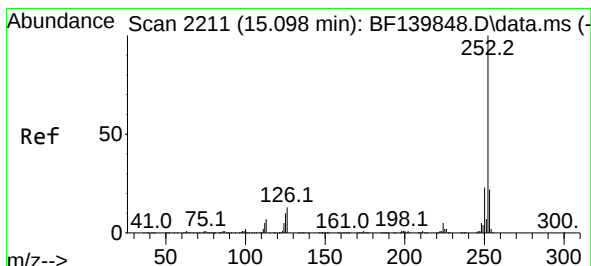
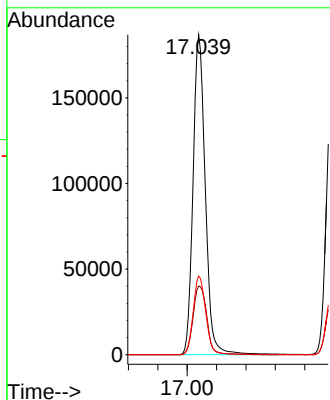
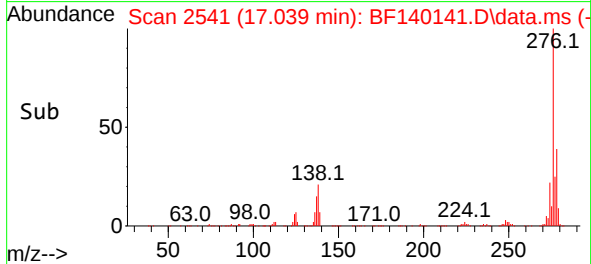
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



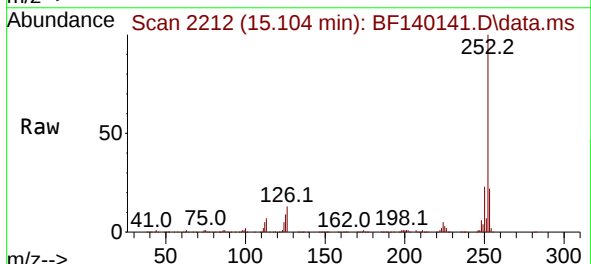
Tgt Ion:276 Resp: 541452
Ion Ratio Lower Upper
276 100
138 23.9 20.4 30.6
277 25.2 20.2 30.4

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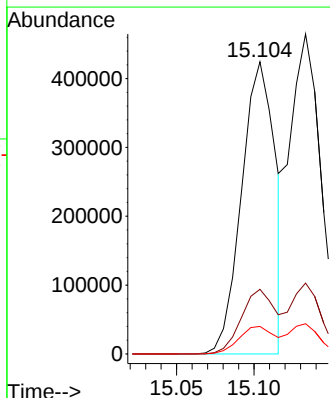
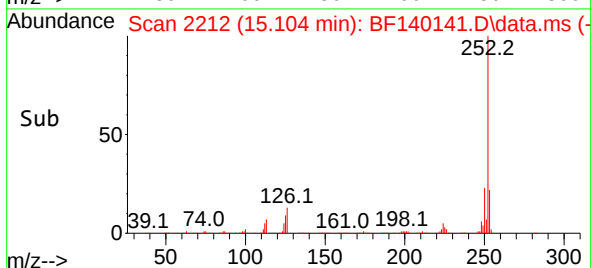
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

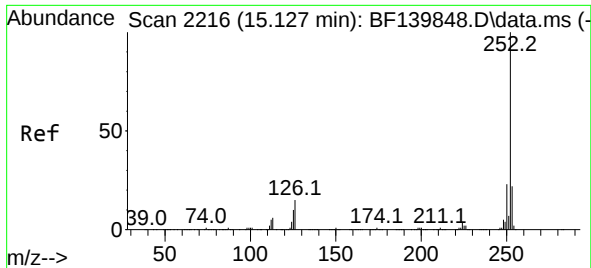


#88
Benzo(b)fluoranthene
Concen: 49.683 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



Tgt Ion:252 Resp: 639479
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.4 7.9 11.9





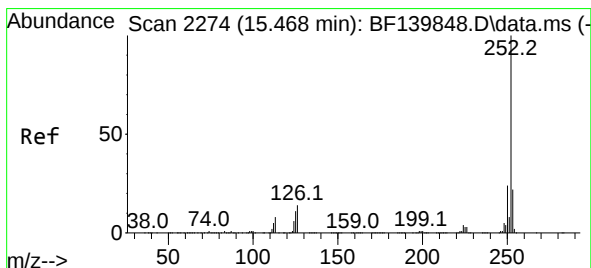
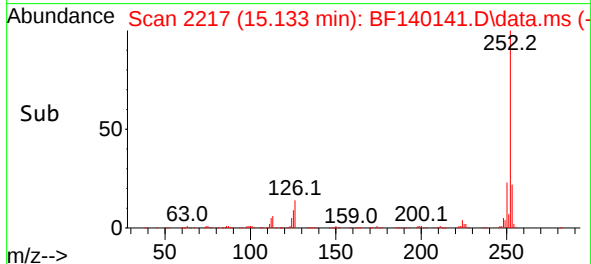
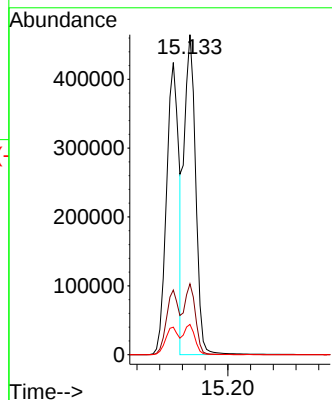
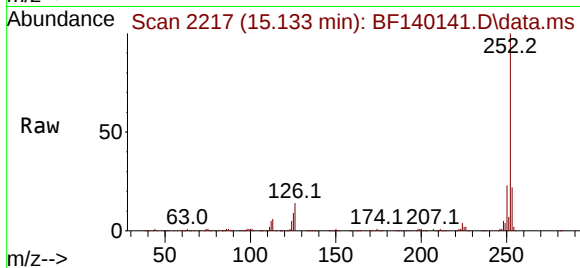
#89
Benzo(k)fluoranthene
Concen: 58.522 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

Instrument :
BNA_F
ClientSampleId :
TP-4MSD

Tgt Ion:252 Resp: 649612
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.5 7.9 11.9

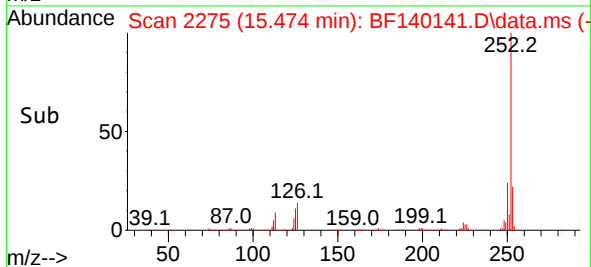
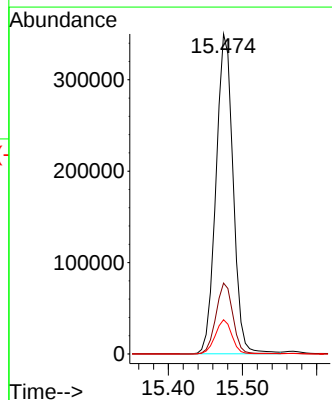
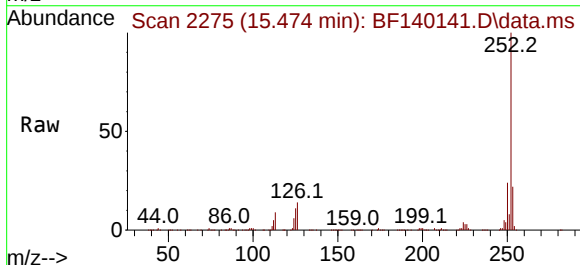
Manual Integrations
APPROVED

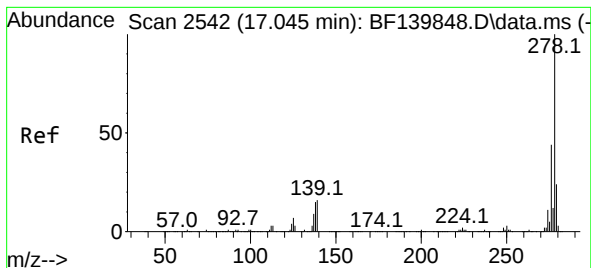
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 53.004 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

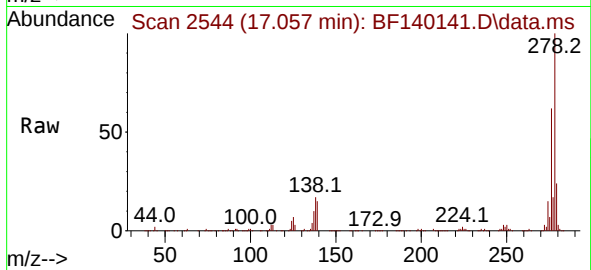
Tgt Ion:252 Resp: 561361
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 39.798 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.012 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06

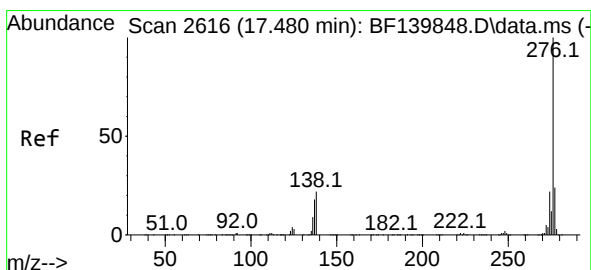
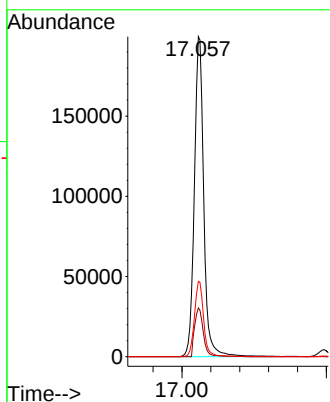
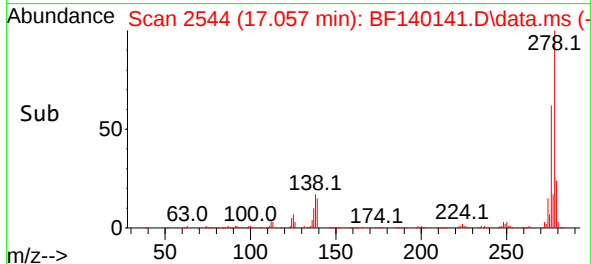
Instrument :
BNA_F
ClientSampleId :
TP-4MSD



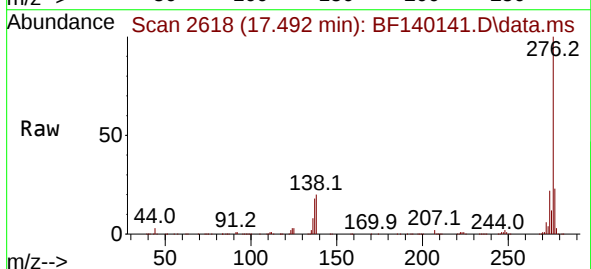
Tgt Ion:278 Resp: 45130
Ion Ratio Lower Upper
278 100
139 15.2 13.1 19.7
279 23.5 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 34.688 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF140141.D
Acq: 30 Oct 2024 05:06



Tgt Ion:276 Resp: 392906
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 19.9 17.4 26.0

