

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140102.D
 Acq On : 29 Oct 2024 10:33
 Operator : RC/JU
 Sample : PB164461BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164461BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 11:35:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	127430	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	500801	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	278385	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	513541	20.000	ng	0.00
76) Chrysene-d12	14.051	240	266065	20.000	ng	0.00
86) Perylene-d12	15.527	264	256361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	993671	122.073	ng	0.02
7) Phenol-d6	6.516	99	1259140	119.434	ng	0.00
23) Nitrobenzene-d5	7.451	82	832307	92.111	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	375298	144.128	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1475257	87.582	ng	0.00
79) Terphenyl-d14	12.998	244	1640280	100.457	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	129062	34.006	ng	97
3) Pyridine	3.528	79	345549	36.732	ng	99
4) n-Nitrosodimethylamine	3.475	42	200636	39.696	ng	99
6) Aniline	6.551	93	373487	38.012	ng	100
8) 2-Chlorophenol	6.675	128	380367	45.709	ng	98
9) Benzaldehyde	6.440	77	75532	12.736	ng	97
10) Phenol	6.528	94	485856m	44.702	ng	
11) bis(2-Chloroethyl)ether	6.622	93	374078	44.529	ng	99
12) 1,3-Dichlorobenzene	6.828	146	411835	43.113	ng	99
13) 1,4-Dichlorobenzene	6.904	146	412401	43.213	ng	99
14) 1,2-Dichlorobenzene	7.057	146	399868	44.894	ng	99
15) Benzyl Alcohol	7.028	79	357866	46.276	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	631415	44.079	ng	98
17) 2-Methylphenol	7.140	107	318963	44.951	ng	98
18) Hexachloroethane	7.404	117	150509	44.226	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	279877	43.772	ng	96
20) 3+4-Methylphenols	7.293	107	390148	42.987	ng	# 76
22) Acetophenone	7.298	105	528314	43.071	ng	99
24) Nitrobenzene	7.469	77	428354	43.238	ng	99
25) Isophorone	7.710	82	767951	44.778	ng	99
26) 2-Nitrophenol	7.787	139	200360	53.609	ng	97
27) 2,4-Dimethylphenol	7.822	122	321436	51.579	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	456565	43.940	ng	100
29) 2,4-Dichlorophenol	8.028	162	320640	45.171	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	333493	42.459	ng	99
31) Naphthalene	8.192	128	1112457	43.071	ng	99
32) Benzoic acid	7.934	122	240344	44.218	ng	98
33) 4-Chloroaniline	8.234	127	146520	16.637	ng	99
34) Hexachlorobutadiene	8.310	225	217159	44.004	ng	99
35) Caprolactam	8.610	113	106047m	46.985	ng	
36) 4-Chloro-3-methylphenol	8.716	107	360311	45.842	ng	99
37) 2-Methylnaphthalene	8.886	142	710773	44.934	ng	100
38) 1-Methylnaphthalene	8.986	142	654008	42.141	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	336224	44.768	ng	99
41) Hexachlorocyclopentadiene	9.039	237	437928	167.579	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	248514	46.737	ng	99

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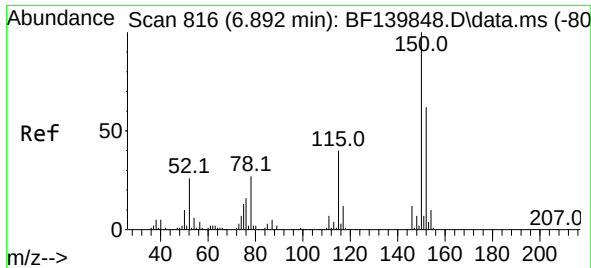
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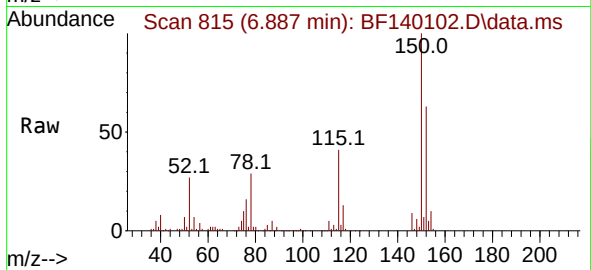
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	253928	46.287	ng	98
46) 1,1'-Biphenyl	9.351	154	857279	44.236	ng	99
47) 2-Chloronaphthalene	9.375	162	685431	43.914	ng	100
48) 2-Nitroaniline	9.469	65	242126	50.720	ng	94
49) Acenaphthylene	9.792	152	1071550	47.486	ng	100
50) Dimethylphthalate	9.651	163	796125	45.913	ng	100
51) 2,6-Dinitrotoluene	9.710	165	177248	47.210	ng	98
52) Acenaphthene	9.963	154	750474	51.411	ng	100
53) 3-Nitroaniline	9.875	138	112113	28.957	ng	99
54) 2,4-Dinitrophenol	9.986	184	205710	127.641	ng	# 1
55) Dibenzofuran	10.133	168	949974	45.358	ng	100
56) 4-Nitrophenol	10.034	139	297830	99.985	ng	96
57) 2,4-Dinitrotoluene	10.116	165	245903	53.260	ng	98
58) Fluorene	10.475	166	725048	45.452	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	214271	49.823	ng	98
60) Diethylphthalate	10.351	149	779453	45.782	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	371429	46.107	ng	99
62) 4-Nitroaniline	10.492	138	183008	50.047	ng	98
63) Azobenzene	10.628	77	805434	44.623	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	141178	67.397	ng	93
66) n-Nitrosodiphenylamine	10.586	169	677802	44.099	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	235997	44.608	ng	97
68) Hexachlorobenzene	11.022	284	264678	44.484	ng	100
69) Atrazine	11.110	200	227268	54.585	ng	98
70) Pentachlorophenol	11.216	266	333392	92.325	ng	99
71) Phenanthrene	11.439	178	1081706	44.593	ng	100
72) Anthracene	11.492	178	1118559	47.261	ng	100
73) Carbazole	11.645	167	980816	44.559	ng	100
74) Di-n-butylphthalate	11.975	149	1192125	46.878	ng	99
75) Fluoranthene	12.627	202	1132991	46.202	ng	99
77) Benzidine	12.745	184	179073	40.931	ng	99
78) Pyrene	12.857	202	1137589	48.846	ng	100
80) Butylbenzylphthalate	13.469	149	402746	57.681	ng	100
81) Benzo(a)anthracene	14.039	228	841427	48.581	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	157179	31.125	ng	98
83) Chrysene	14.080	228	734528	46.254	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	461897	58.963	ng	100
85) Di-n-octyl phthalate	14.639	149	650652	45.664	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	815498	49.447	ng	98
88) Benzo(b)fluoranthene	15.098	252	697670	44.675	ng	100
89) Benzo(k)fluoranthene	15.127	252	656050	48.712	ng	100
90) Benzo(a)pyrene	15.468	252	648512	50.469	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	662425	48.147	ng	99
92) Benzo(g,h,i)perylene	17.486	276	627022	45.626	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

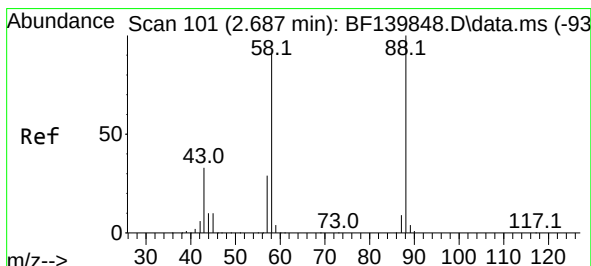
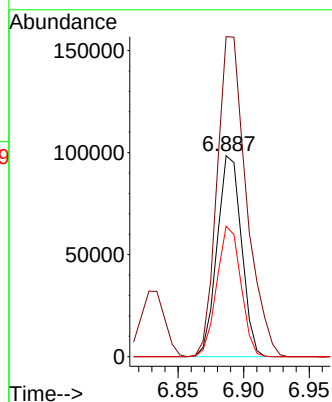
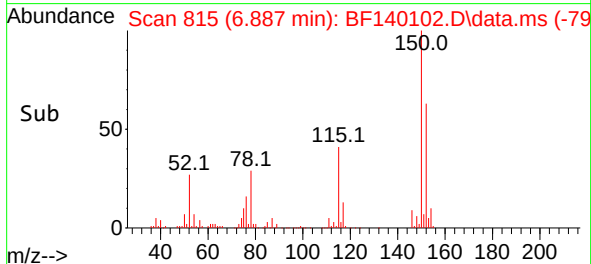
Instrument :
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PB164461BS



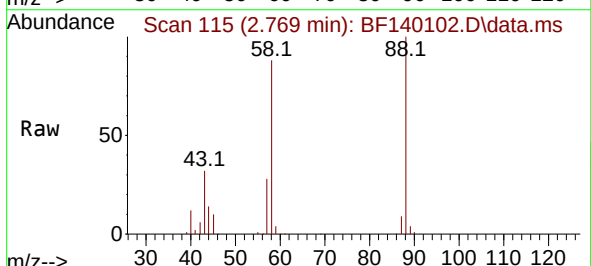
Tgt Ion:152 Resp: 127430
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.2
115 64.9 51.4 77.2

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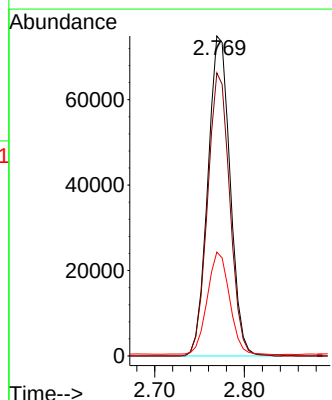
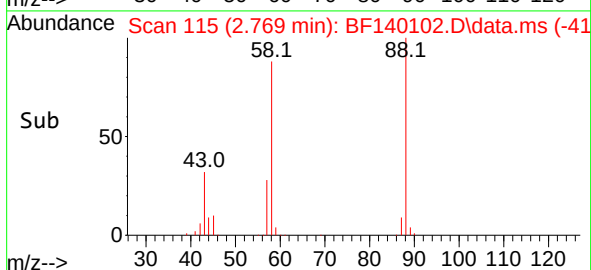
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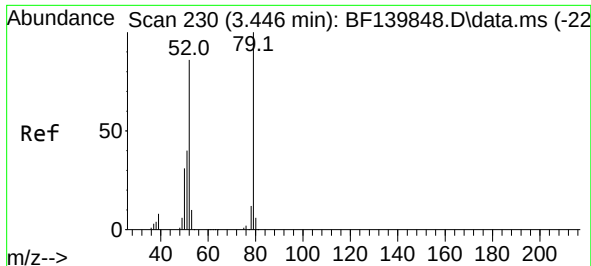


#2
1,4-Dioxane
Concen: 34.006 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion: 88 Resp: 129062
Ion Ratio Lower Upper
88 100
58 88.2 73.3 109.9
43 32.1 27.1 40.7





#3

Pyridine

Concen: 36.732 ng

RT: 3.528 min Scan# 244

Delta R.T. 0.083 min

Lab File: BF140102.D

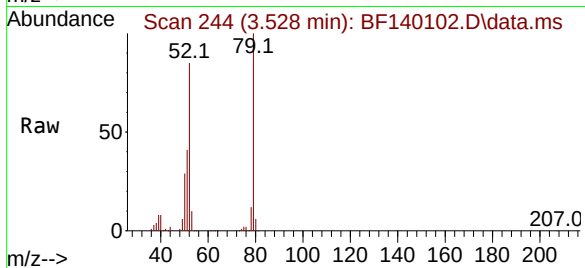
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

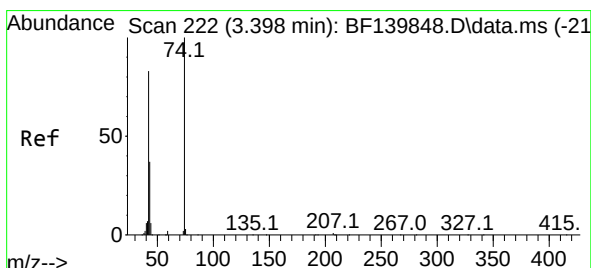
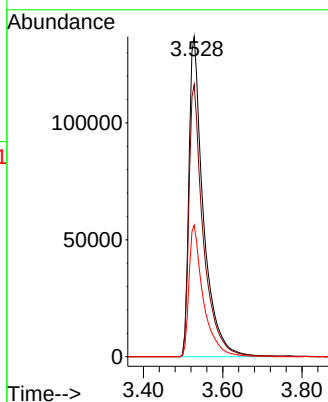
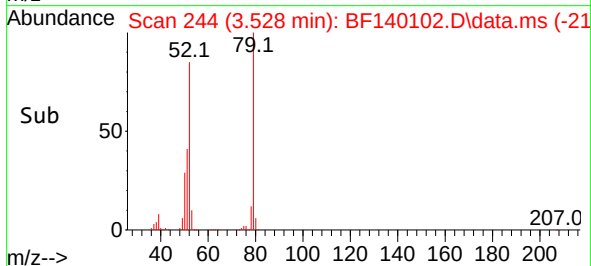


Tgt Ion:	79	Resp:	345549
Ion Ratio	Lower	Upper	
79	100		
52	85.0	68.5	102.7
51	41.1	32.3	48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 39.696 ng

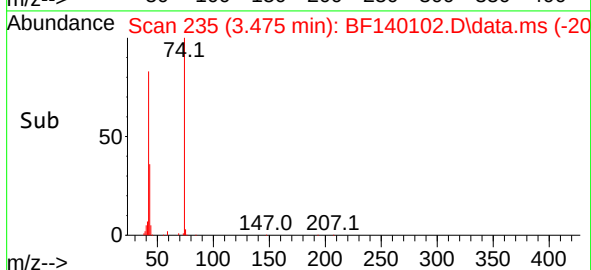
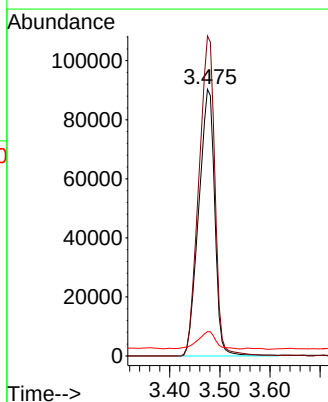
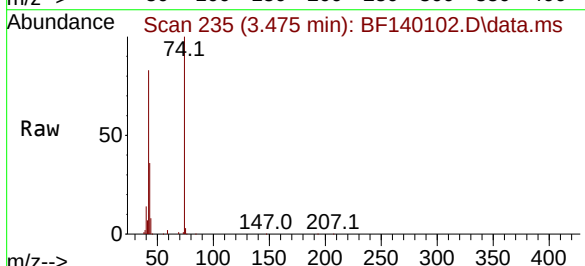
RT: 3.475 min Scan# 235

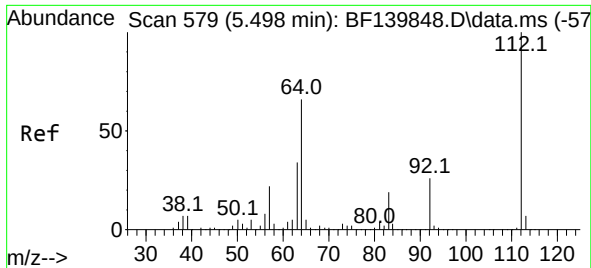
Delta R.T. 0.077 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Tgt Ion:	42	Resp:	200636
Ion Ratio	Lower	Upper	
42	100		
74	119.9	96.2	144.4
44	9.1	6.2	9.2





#5
2-Fluorophenol
Concen: 122.073 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

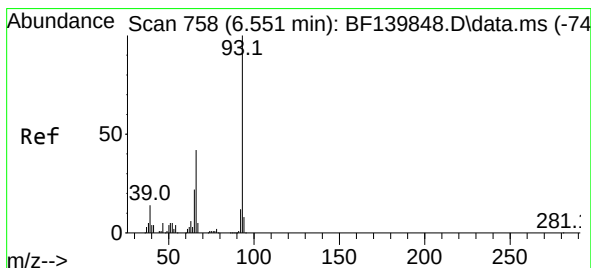
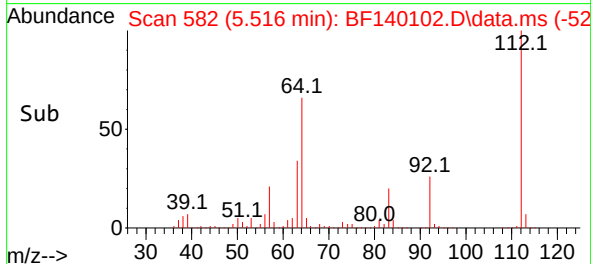
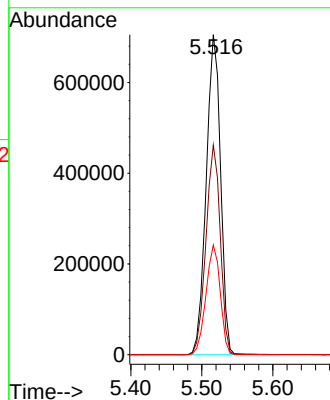
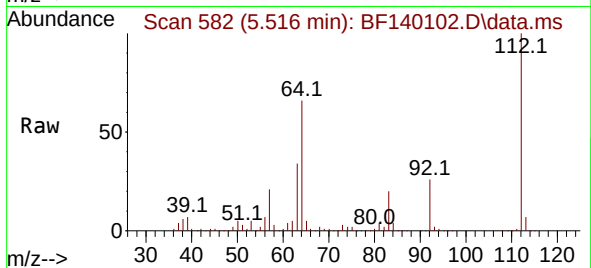
PB164461BS

Tgt Ion:112 Resp: 99367
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 34.3 27.0 40.4

Manual Integrations

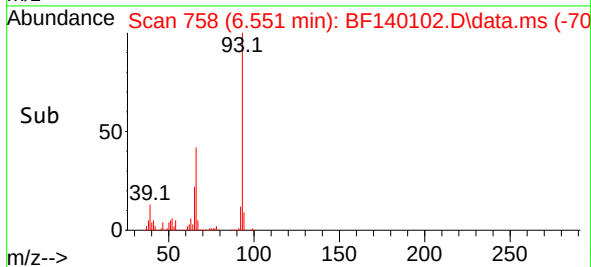
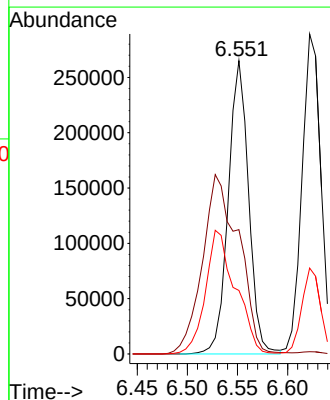
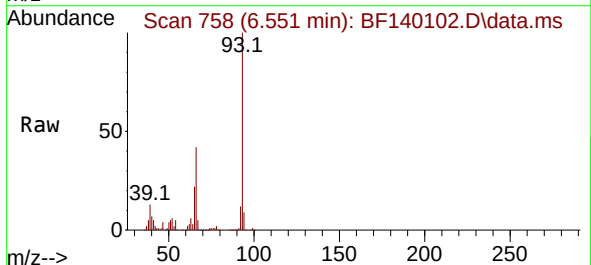
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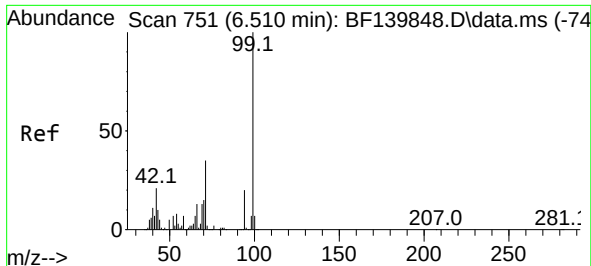
Reviewed By :Jagrut Upadhyay 10/30/2024
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#6
Aniline
Concen: 38.012 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

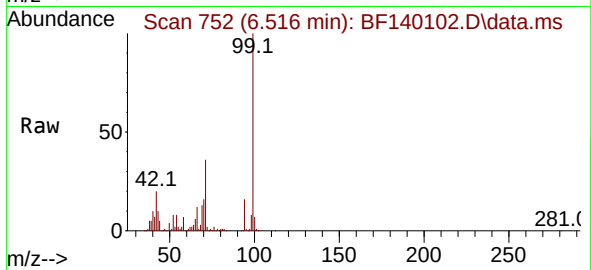
Tgt Ion: 93 Resp: 373487
Ion Ratio Lower Upper
93 100
66 42.4 34.0 51.0
65 21.7 17.4 26.0





#7
Phenol-d6
Concen: 119.434 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

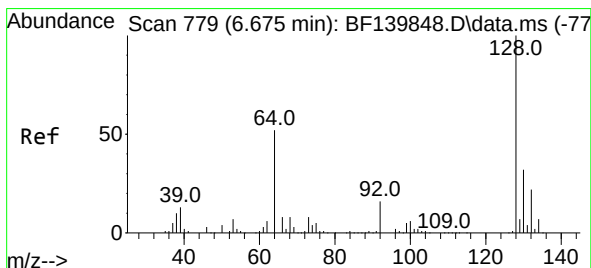
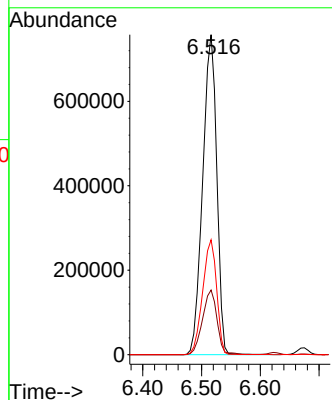
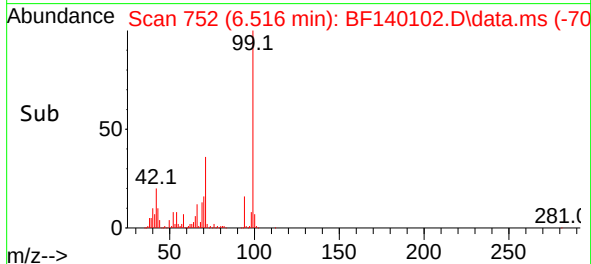
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1259140
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 35.9 27.7 41.5

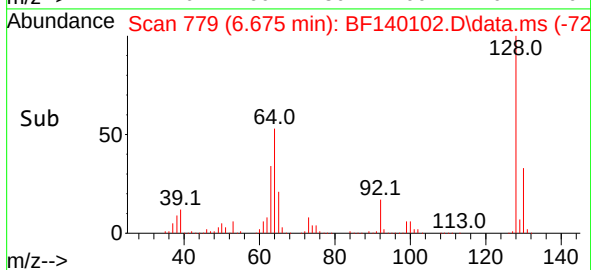
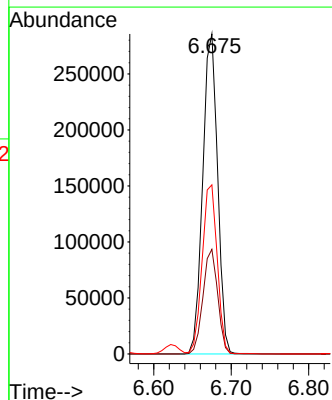
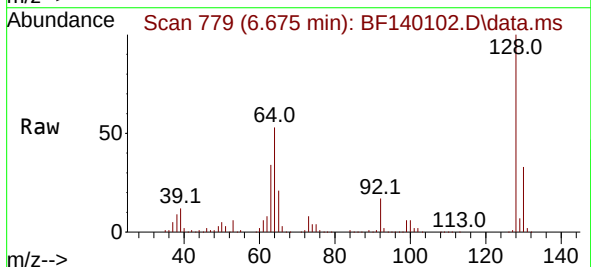
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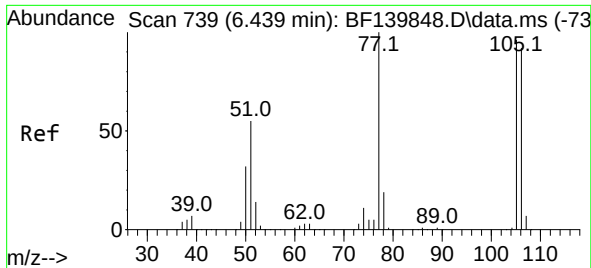
Reviewed By :Jagrut Upadhyay 10/30/2024
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#8
2-Chlorophenol
Concen: 45.709 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Tgt Ion:128 Resp: 380367
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 52.9 34.6 74.6





#9
Benzaldehyde
Concen: 12.736 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

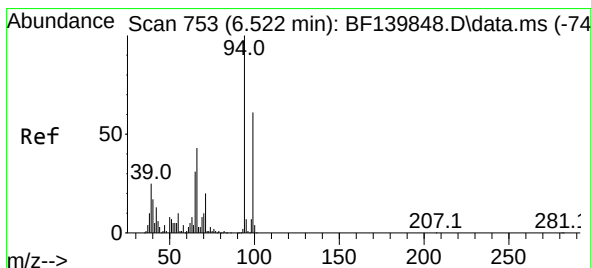
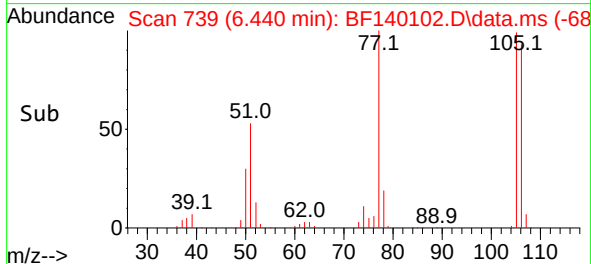
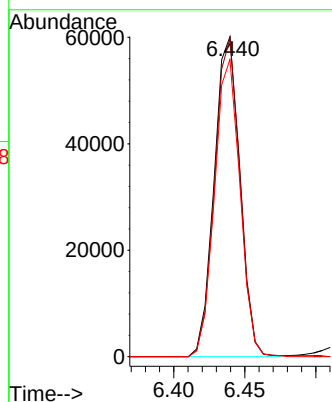
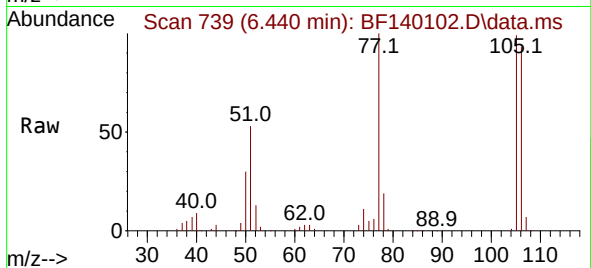
PB164461BS

Tgt Ion: 77 Resp: 7553
Ion Ratio Lower Upper
77 100
105 99.4 75.5 115.5
106 92.9 71.7 111.7

Manual Integrations

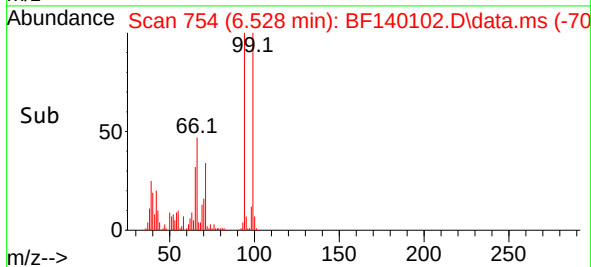
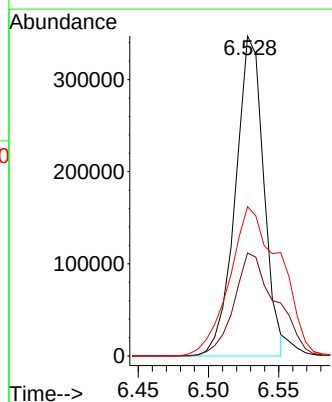
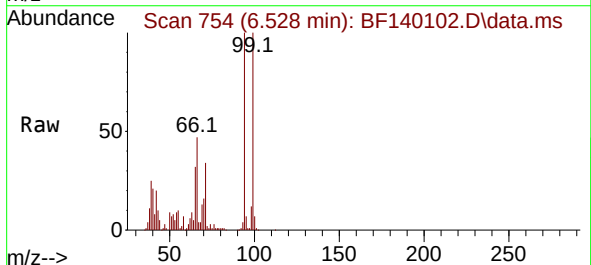
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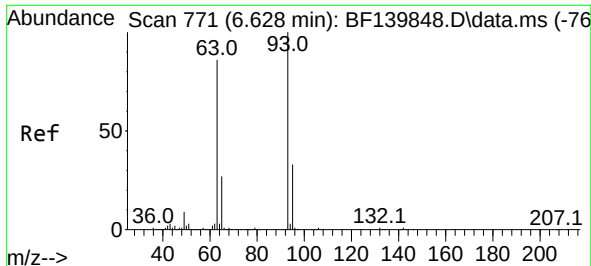
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 44.702 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Tgt Ion: 94 Resp: 485856
Ion Ratio Lower Upper
94 100
65 32.2 11.1 51.1
66 46.7 22.7 62.7





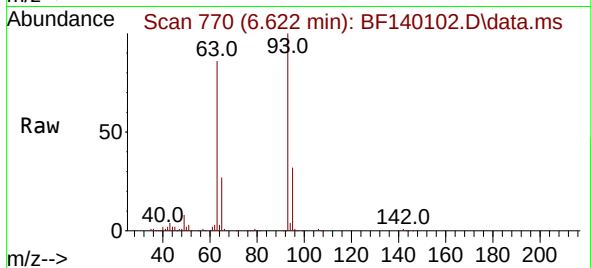
#11
bis(2-Chloroethyl)ether
Concen: 44.529 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

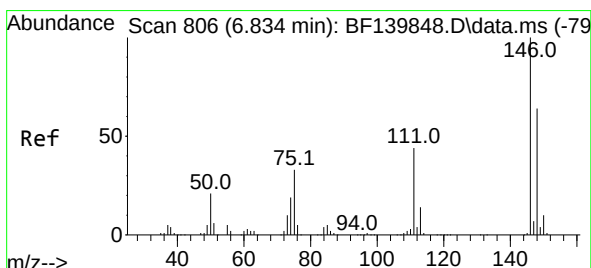
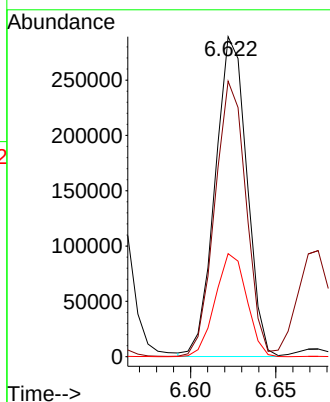
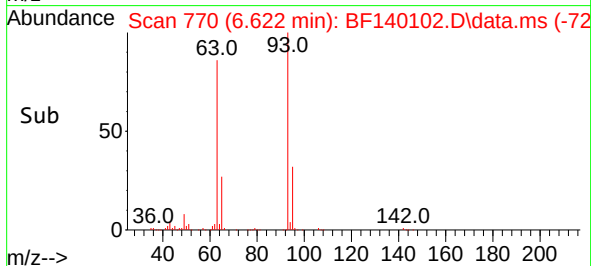
PB164461BS



Tgt Ion: 93 Resp: 374078
Ion Ratio Lower Upper
93 100
63 86.1 65.0 105.0
95 32.2 12.4 52.4

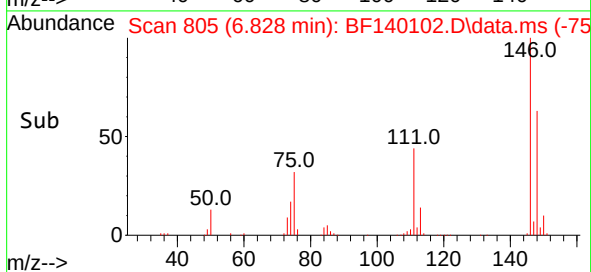
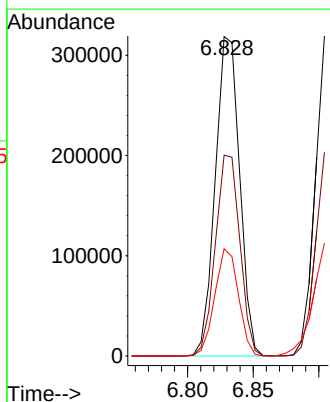
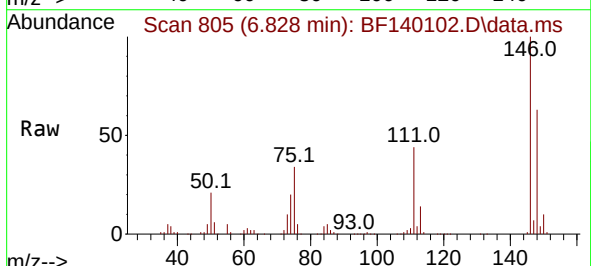
Manual Integrations
APPROVED

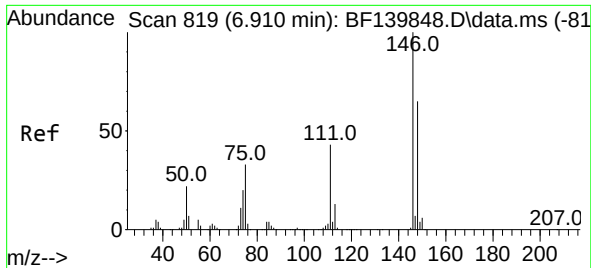
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 43.113 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Tgt Ion:146 Resp: 411835
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 33.6 26.4 39.6





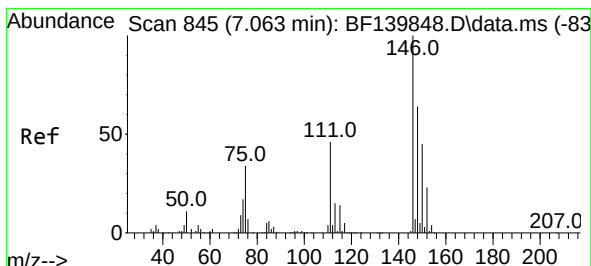
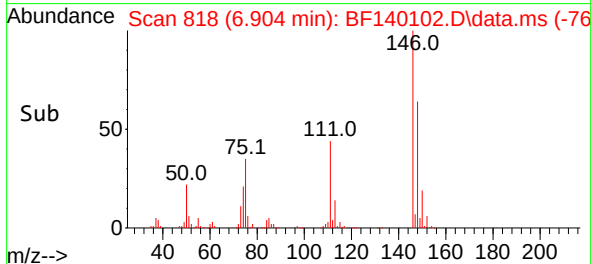
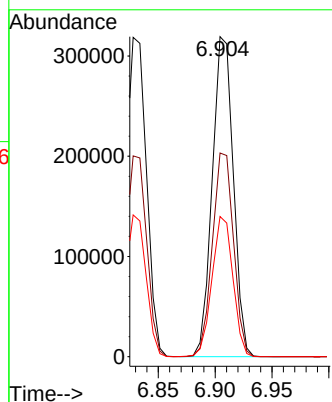
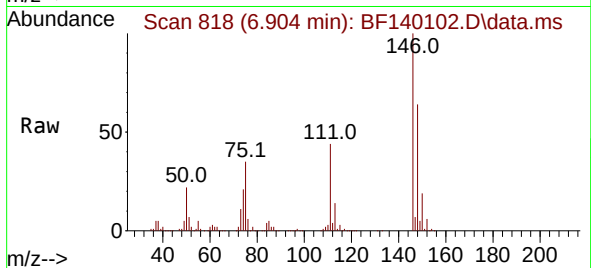
#13
1,4-Dichlorobenzene
Concen: 43.213 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :
BNA_F
ClientSampleId :
PB164461BS

Tgt Ion:146 Resp: 41240
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 43.8 34.6 51.8

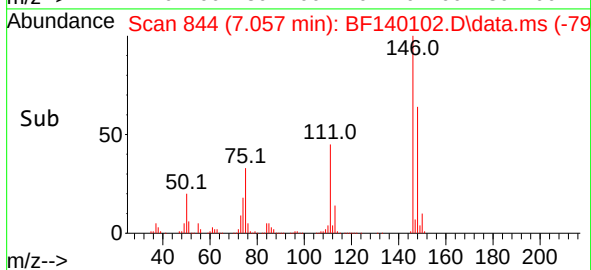
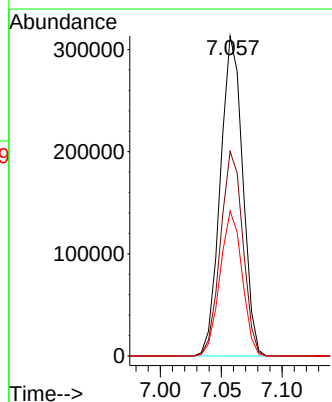
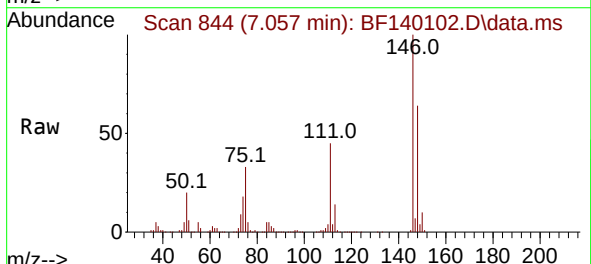
Manual Integrations
APPROVED

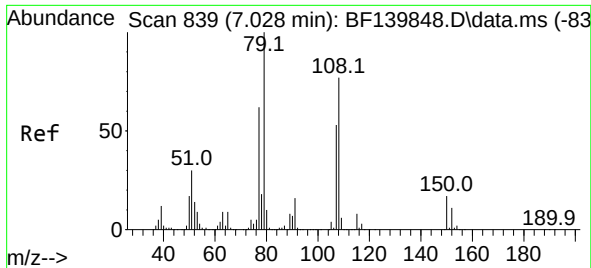
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 44.894 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

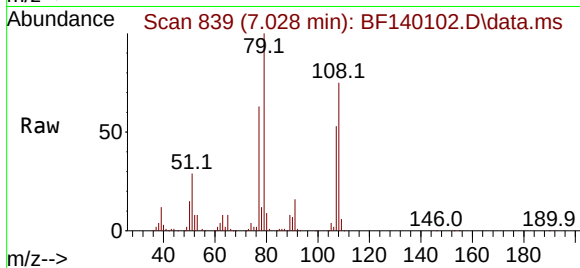
Tgt Ion:146 Resp: 399868
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 45.3 36.7 55.1





#15
Benzyl Alcohol
Concen: 46.276 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

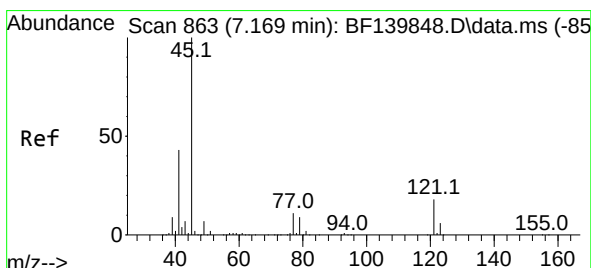
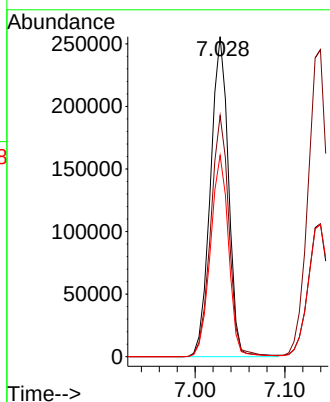
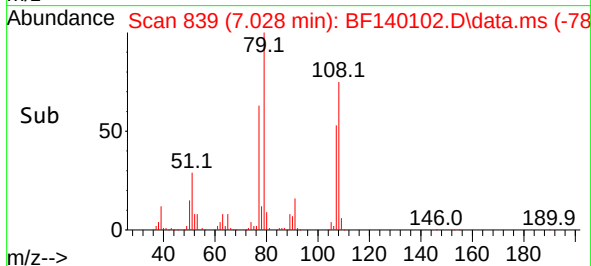
Instrument :
BNA_F
ClientSampleId :
PB164461BS



Tgt Ion: 79 Resp: 357860
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 62.9 49.9 74.9

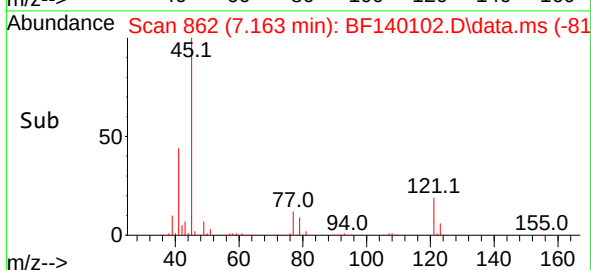
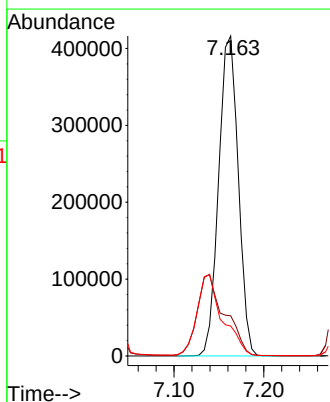
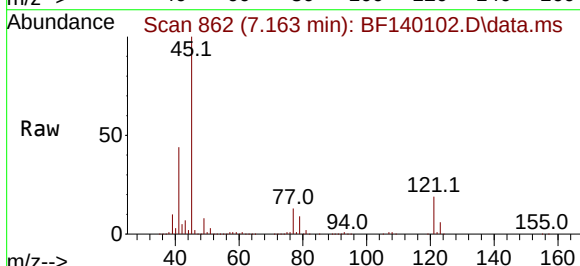
Manual Integrations
APPROVED

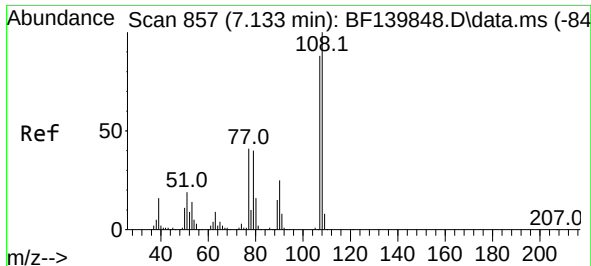
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.079 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

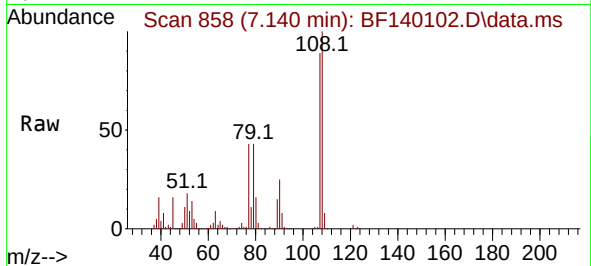
Tgt Ion: 45 Resp: 631415
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.4 0.0 29.1





#17
2-Methylphenol
Concen: 44.951 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

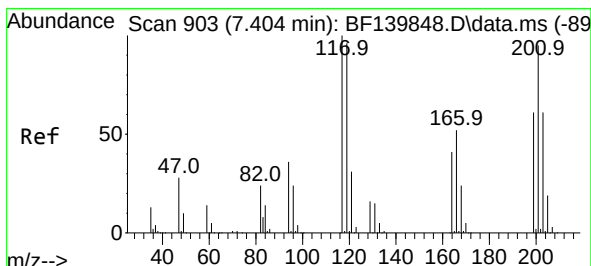
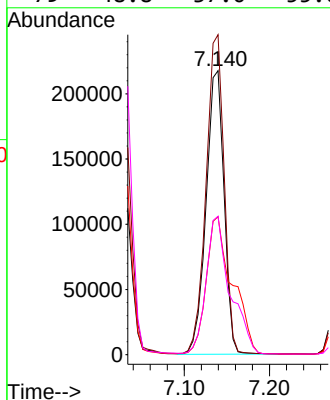
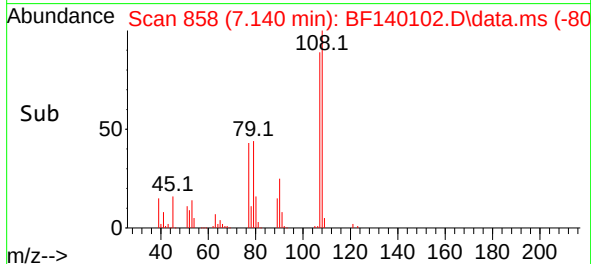
Instrument :
BNA_F
ClientSampleId :
PB164461BS



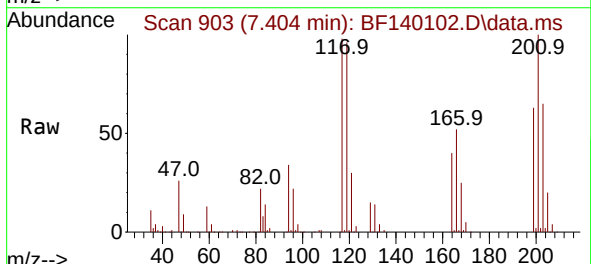
Tgt Ion:107 Resp: 31896
Ion Ratio Lower Upper
107 100
108 112.7 91.3 136.9
77 48.7 37.1 55.7
79 48.8 37.0 55.6

Manual Integrations
APPROVED

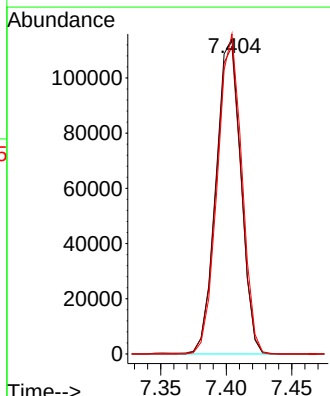
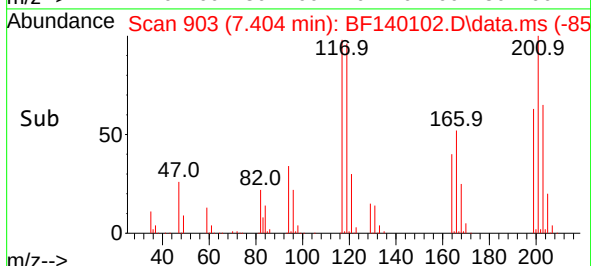
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

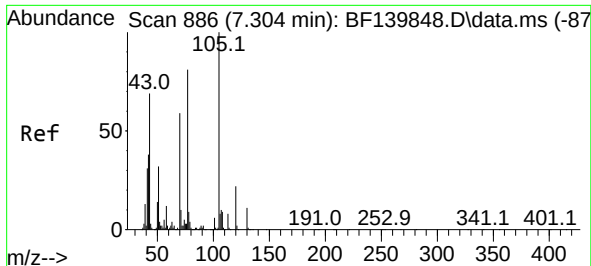


#18
Hexachloroethane
Concen: 44.226 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:117 Resp: 150509
Ion Ratio Lower Upper
117 100
119 97.6 77.0 115.4
201 101.6 76.2 114.4





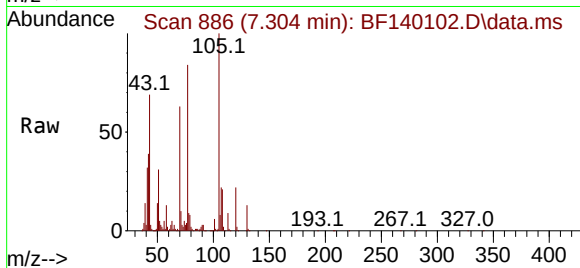
#19
n-Nitroso-di-n-propylamine
Concen: 43.772 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

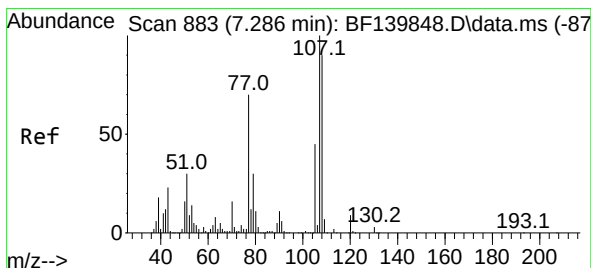
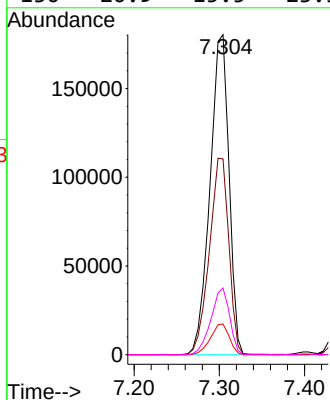
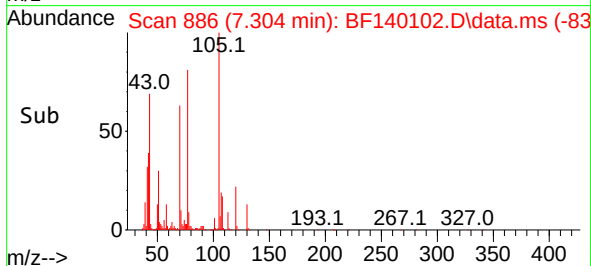


Tgt Ion:	70	Resp:	27987
Ion	Ratio	Lower	Upper
70	100		
42	61.2	51.5	77.3
101	9.6	7.5	11.3
130	20.9	15.5	23.3

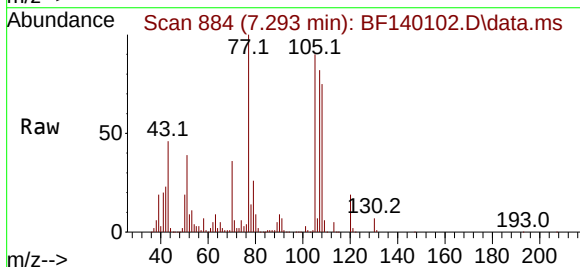
Manual Integrations

APPROVED

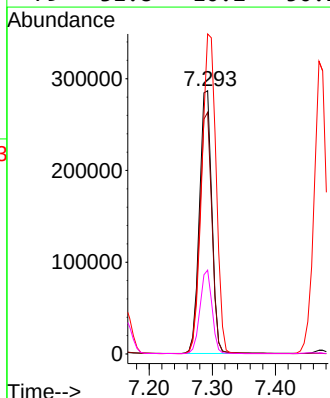
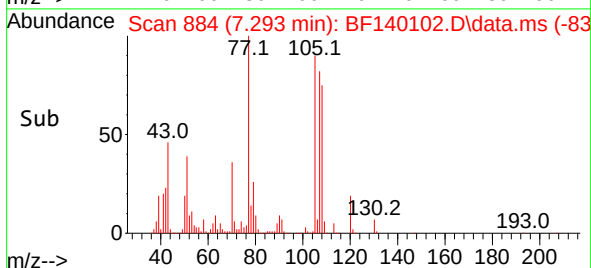
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

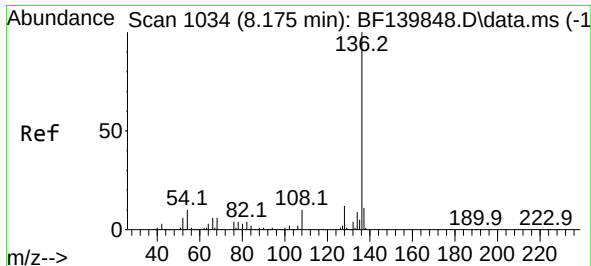


#20
3+4-Methylphenols
Concen: 42.987 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:	107	Resp:	390148
Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.8	109.8
77	121.5	50.5	90.5#
79	31.8	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: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

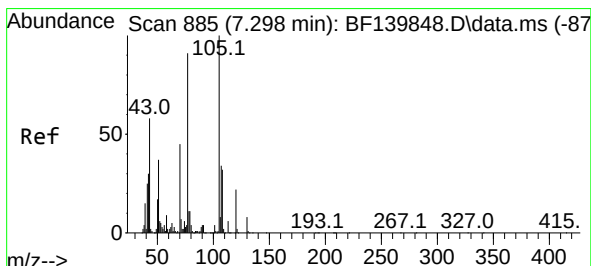
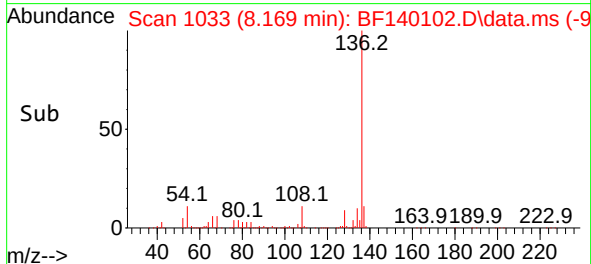
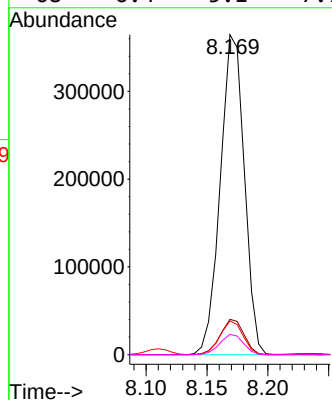
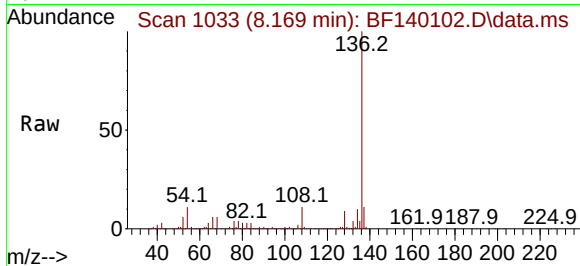
ClientSampleId :

PB164461BS

Tgt Ion:136 Resp: 50080
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.5 8.4 12.6
68 6.4 5.1 7.7

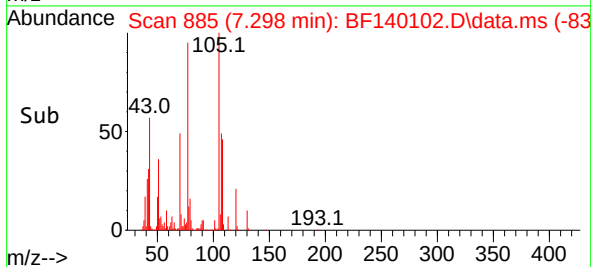
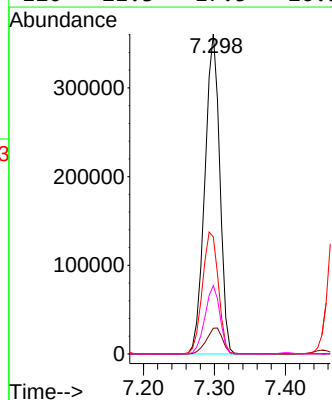
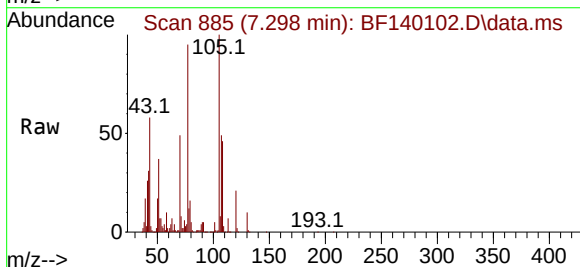
Manual Integrations
APPROVED

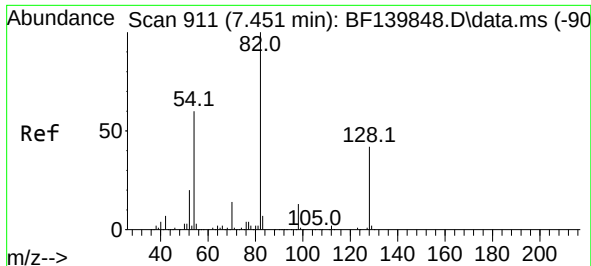
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 43.071 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Tgt Ion:105 Resp: 528314
Ion Ratio Lower Upper
105 100
71 8.1 5.9 8.9
51 36.5 29.4 44.2
120 21.3 17.5 26.3





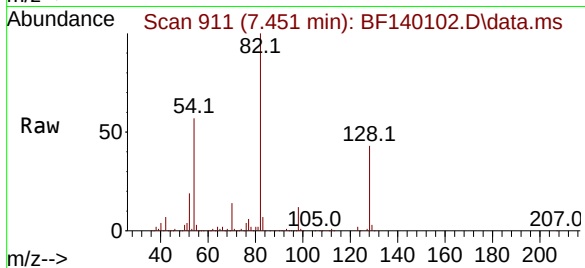
#23
Nitrobenzene-d5
Concen: 92.111 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

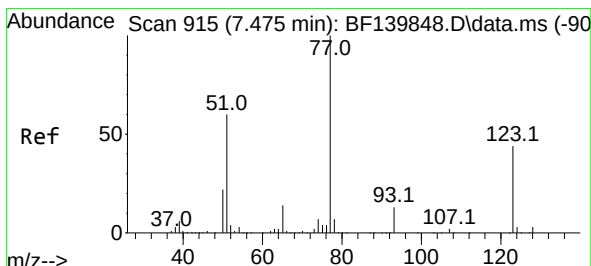
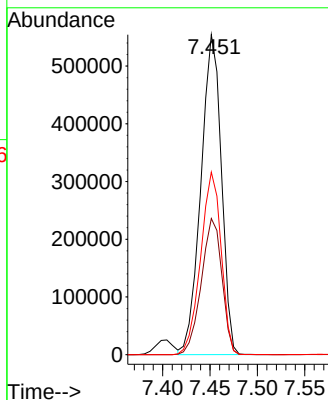
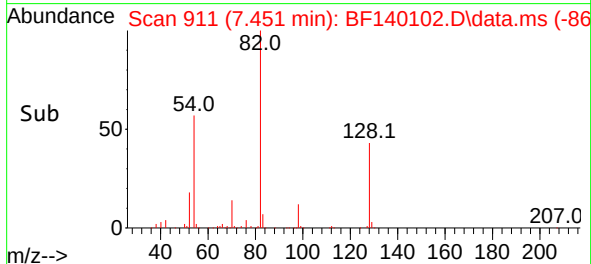


Tgt Ion: 82 Resp: 83230
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.0
54 57.0 47.8 71.8

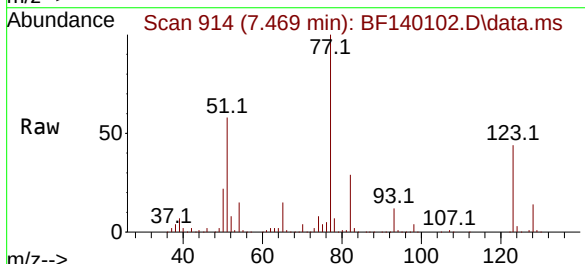
Manual Integrations

APPROVED

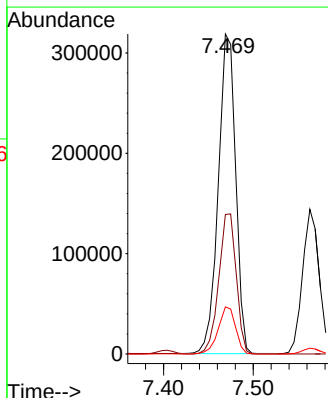
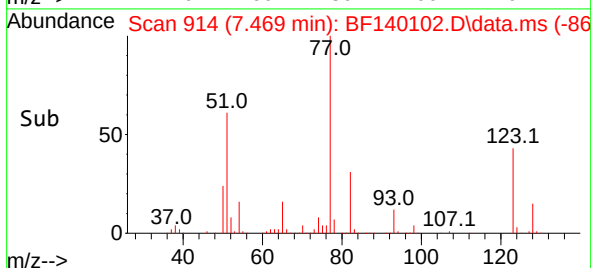
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

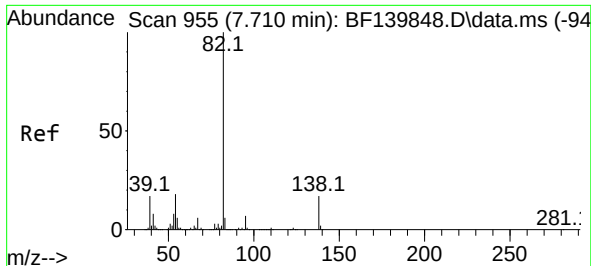


#24
Nitrobenzene
Concen: 43.238 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



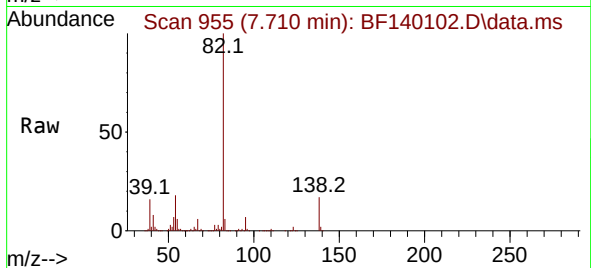
Tgt Ion: 77 Resp: 428354
Ion Ratio Lower Upper
77 100
123 43.6 35.7 53.5
65 14.7 11.5 17.3





#25
Isophorone
Concen: 44.778 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

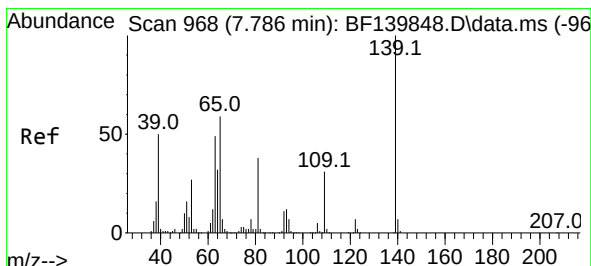
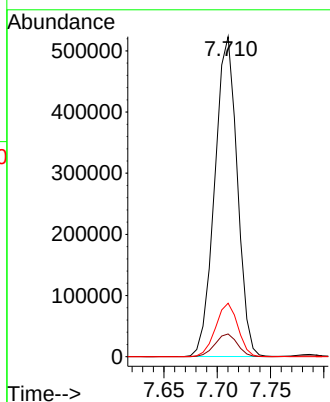
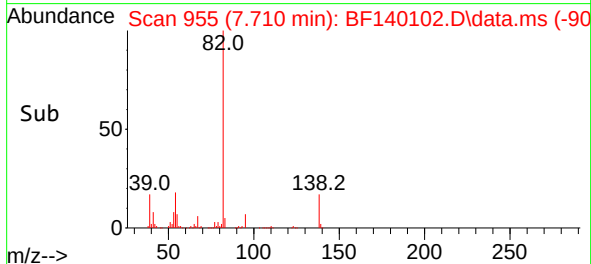
Instrument :
BNA_F
ClientSampleId :
PB164461BS



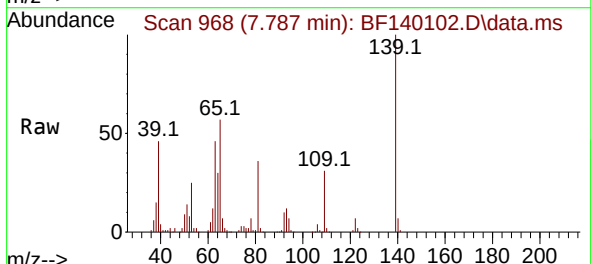
Tgt Ion: 82 Resp: 76795
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.7 13.2 19.8

Manual Integrations
APPROVED

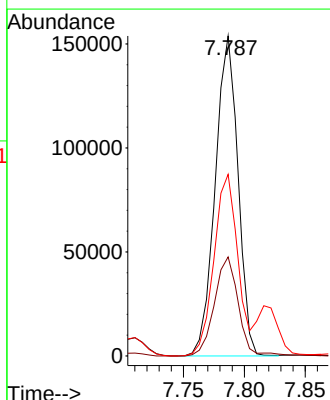
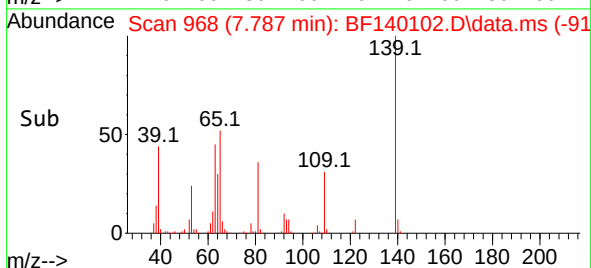
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

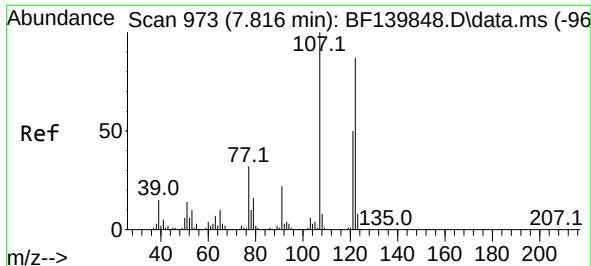


#26
2-Nitrophenol
Concen: 53.609 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



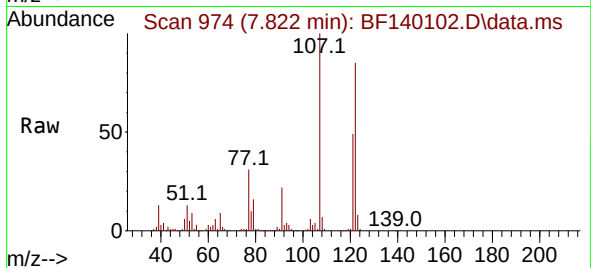
Tgt Ion:139 Resp: 200360
Ion Ratio Lower Upper
139 100
109 30.9 25.1 37.7
65 56.8 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 51.579 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

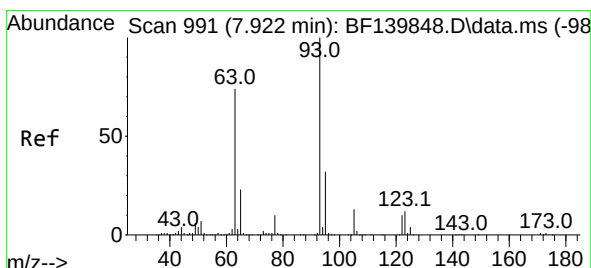
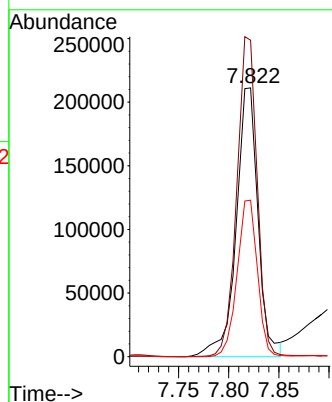
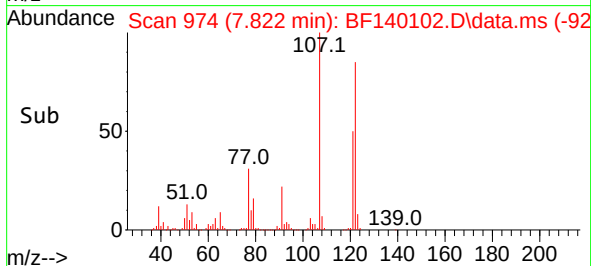
Instrument :
BNA_F
ClientSampleId :
PB164461BS



Tgt Ion:122 Resp: 321430
Ion Ratio Lower Upper
122 100
107 117.7 91.9 137.9
121 58.2 46.2 69.4

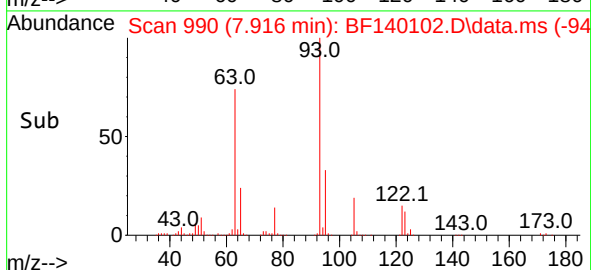
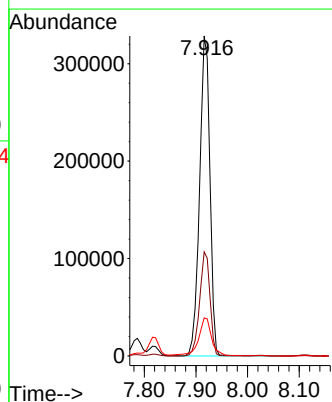
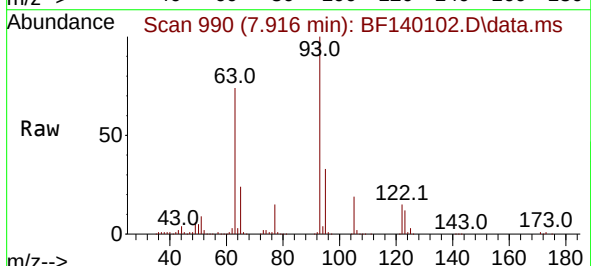
Manual Integrations
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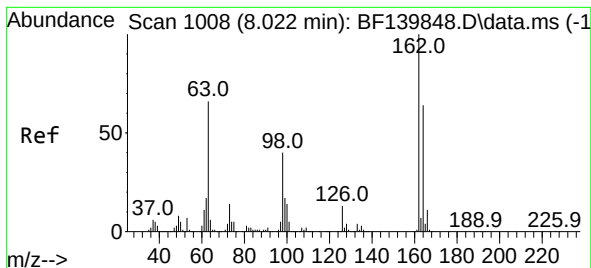
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.940 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Tgt Ion: 93 Resp: 456565
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 11.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 45.171 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

Tgt Ion:162 Resp: 320640

Ion Ratio Lower Upper

162 100

164 64.1 43.9 83.9

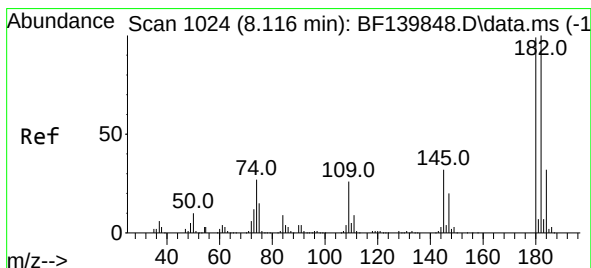
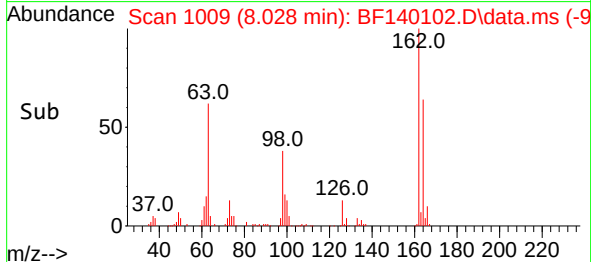
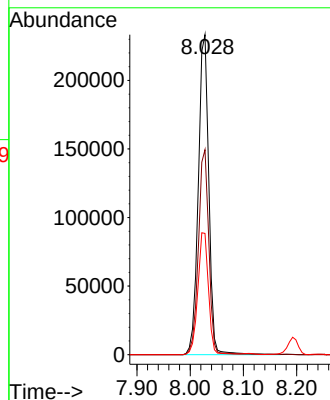
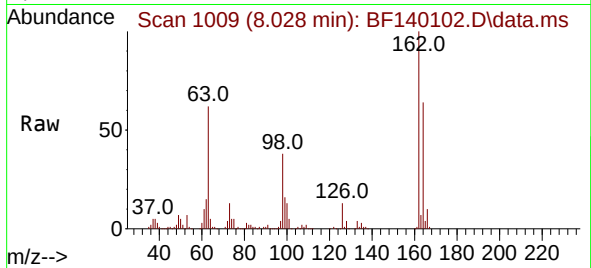
98 37.9 19.9 59.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.459 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

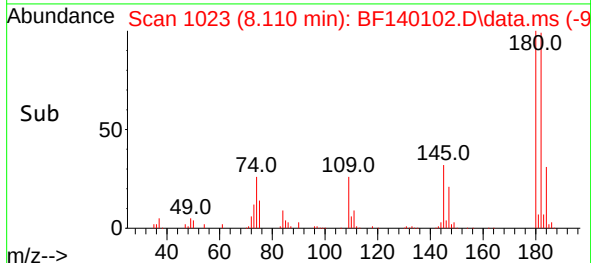
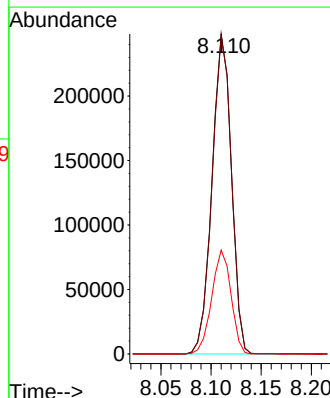
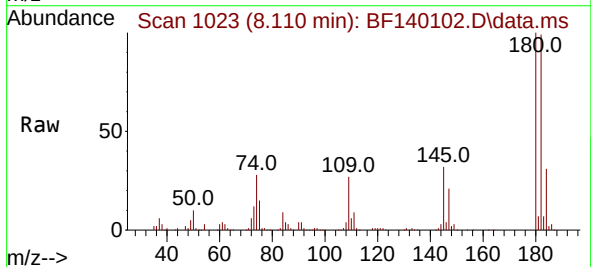
Tgt Ion:180 Resp: 333493

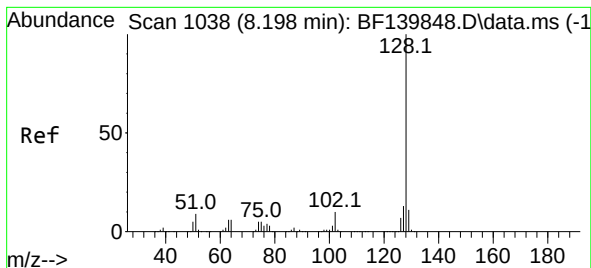
Ion Ratio Lower Upper

180 100

182 99.3 80.5 120.7

145 32.4 25.4 38.0





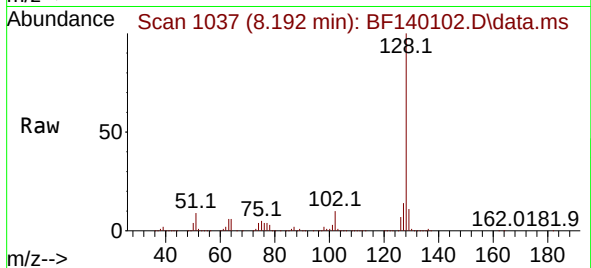
#31
Naphthalene
Concen: 43.071 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

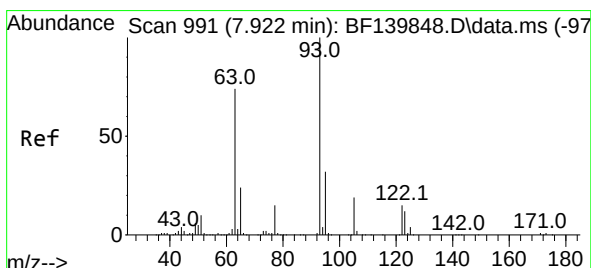
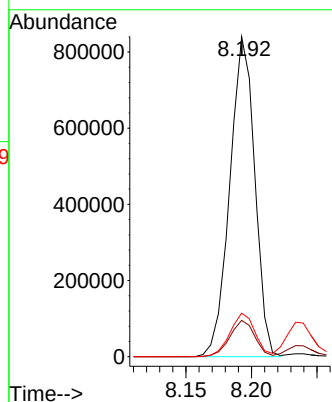
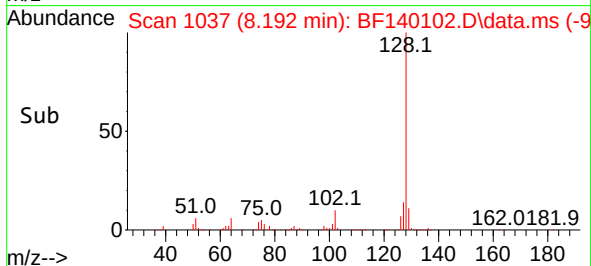


Tgt Ion:128 Resp: 111245
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.6 10.6 16.0

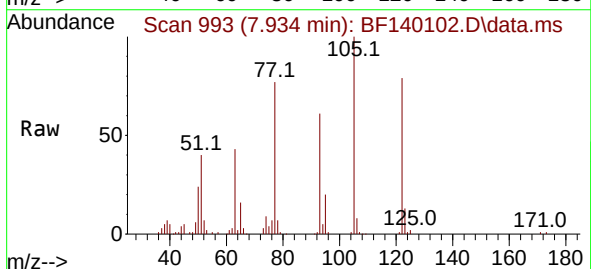
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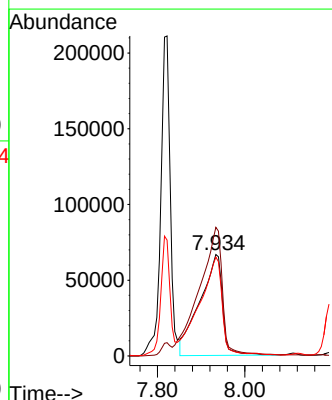
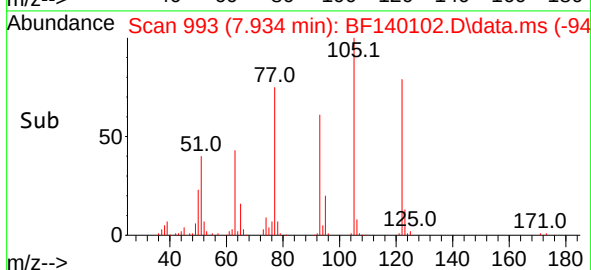
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

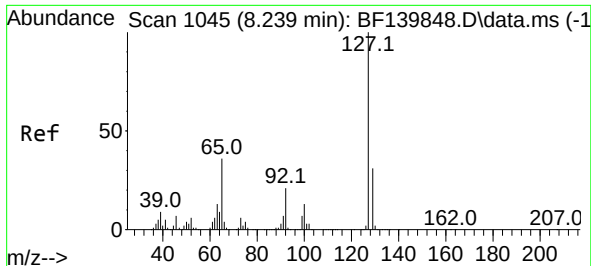


#32
Benzoic acid
Concen: 44.218 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



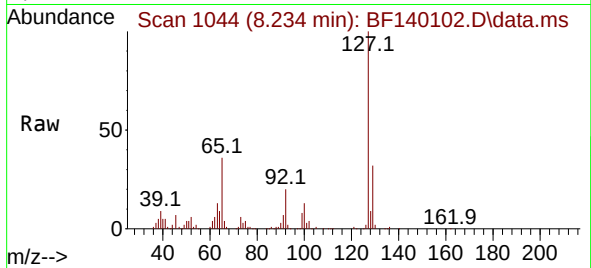
Tgt Ion:122 Resp: 240344
Ion Ratio Lower Upper
122 100
105 126.9 107.6 147.6
77 97.5 80.2 120.2





#33
4-Chloroaniline
Concen: 16.637 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

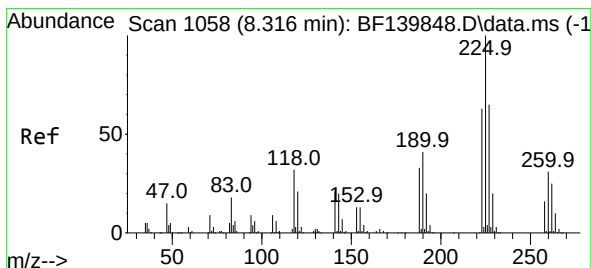
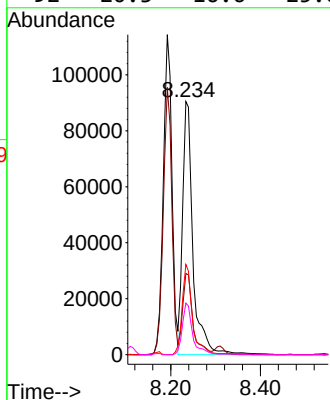
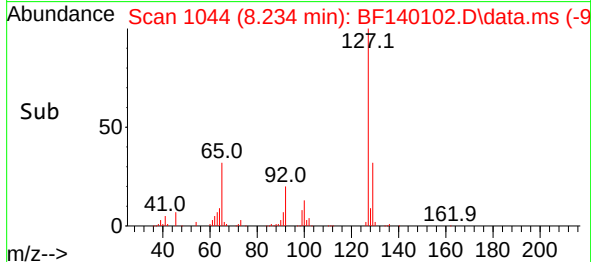
Instrument :
BNA_F
ClientSampleId :
PB164461BS



Tgt Ion:127 Resp: 146520
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 35.7 28.4 42.6
92 20.3 16.6 25.0

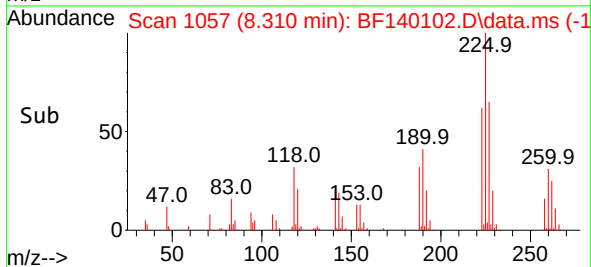
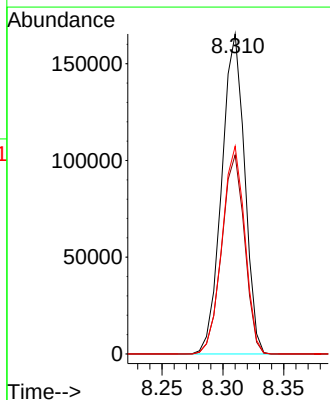
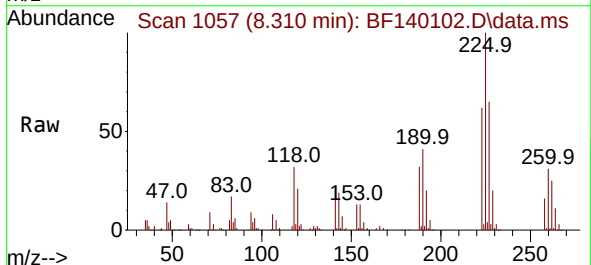
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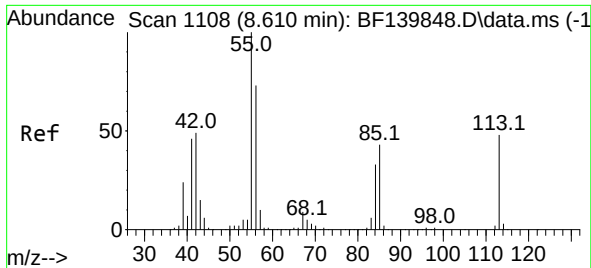
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 44.004 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

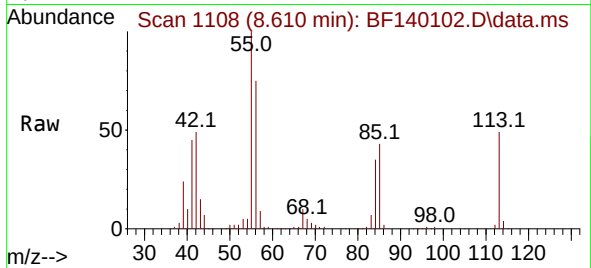
Tgt Ion:225 Resp: 217159
Ion Ratio Lower Upper
225 100
223 62.2 50.6 76.0
227 64.9 51.8 77.8





#35
 Caprolactam
 Concen: 46.985 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140102.D
 Acq: 29 Oct 2024 10:33

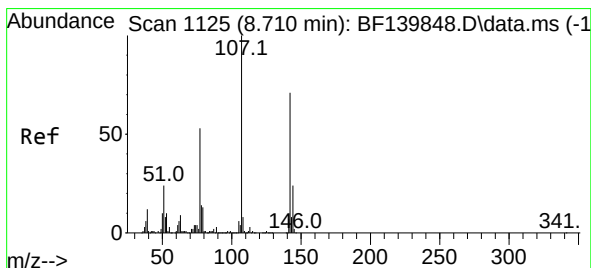
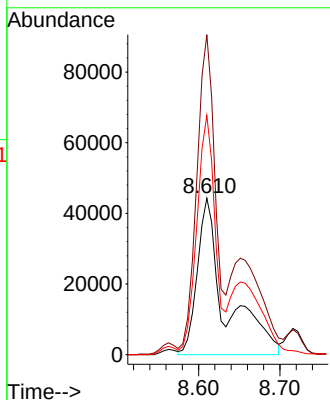
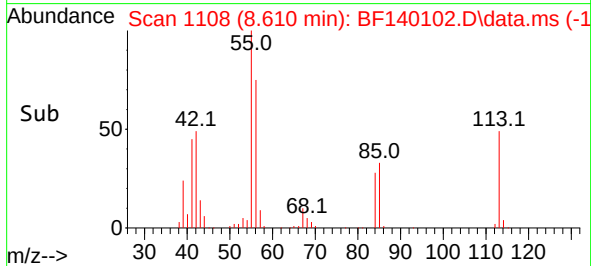
Instrument :
 BNA_F
 ClientSampleId :
 PB164461BS



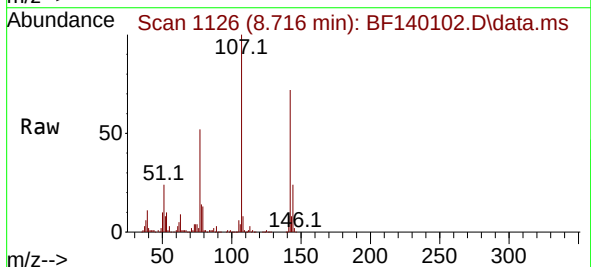
Tgt Ion:113 Resp: 10604
 Ion Ratio Lower Upper
 113 100
 55 204.6 189.2 229.2
 56 152.9 132.5 172.5

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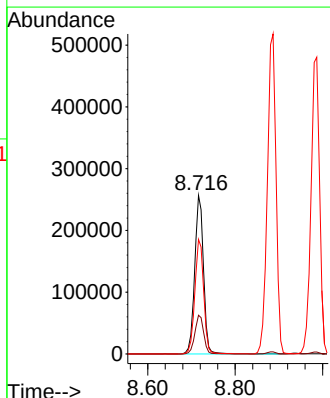
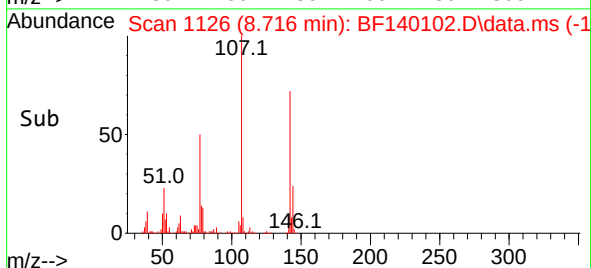
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

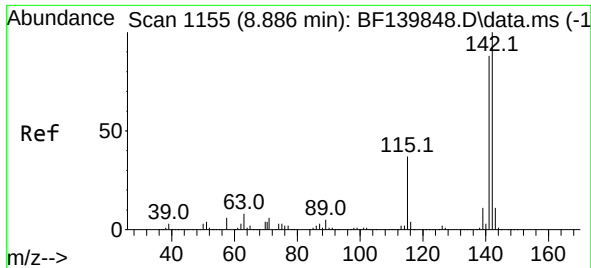


#36
 4-Chloro-3-methylphenol
 Concen: 45.842 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140102.D
 Acq: 29 Oct 2024 10:33



Tgt Ion:107 Resp: 360311
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 72.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 44.934 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

Tgt Ion:142 Resp: 71077

Ion Ratio Lower Upper

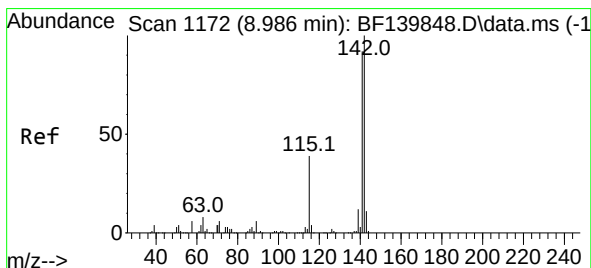
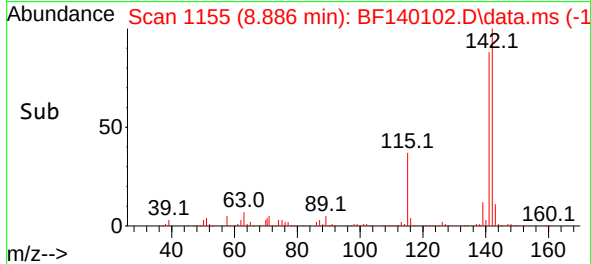
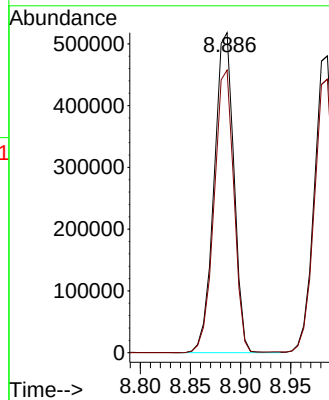
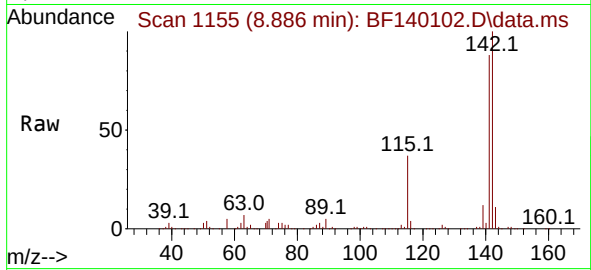
142 100

141 88.3 70.8 106.2

Manual Integrations

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



#38

1-Methylnaphthalene

Concen: 42.141 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140102.D

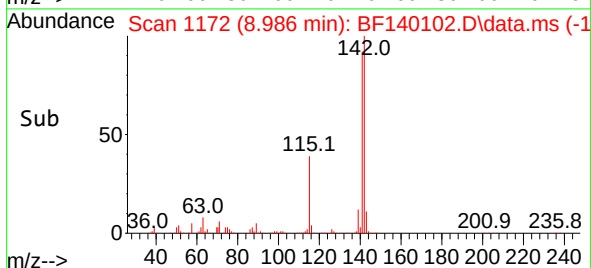
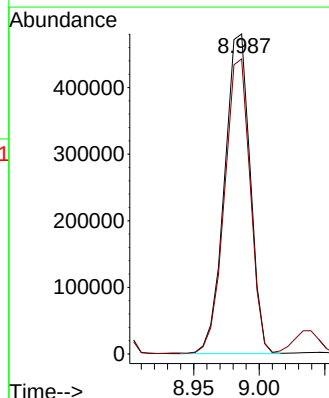
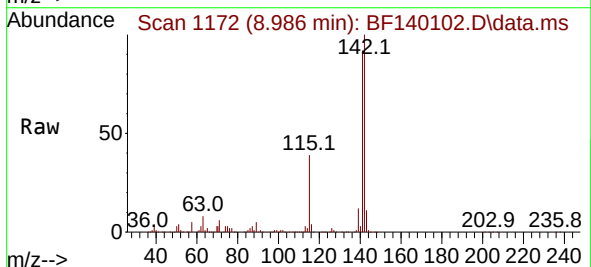
Acq: 29 Oct 2024 10:33

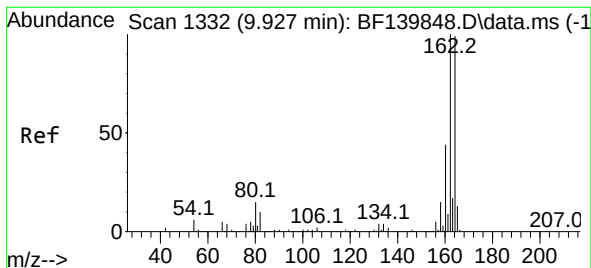
Tgt Ion:142 Resp: 654008

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140102.D

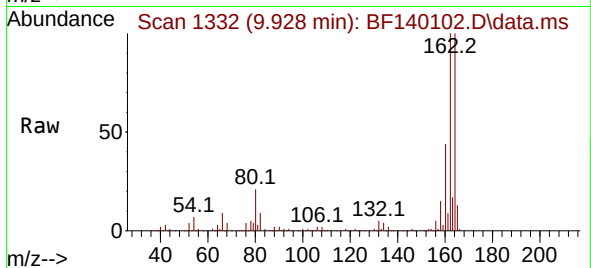
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS



Tgt Ion:164 Resp: 27838

Ion Ratio Lower Upper

164 100

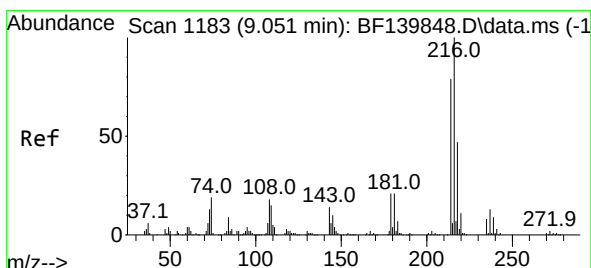
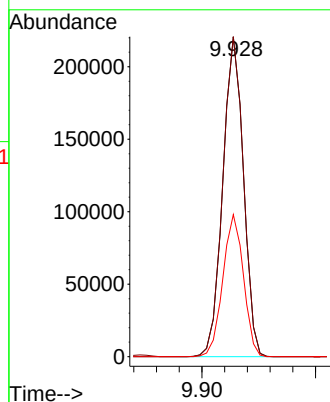
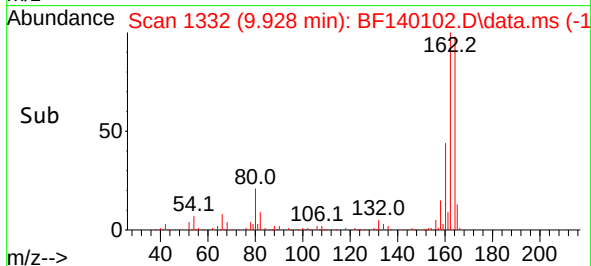
162 100.1 81.0 121.4

160 44.4 35.4 53.0

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.768 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Tgt Ion:216 Resp: 336224

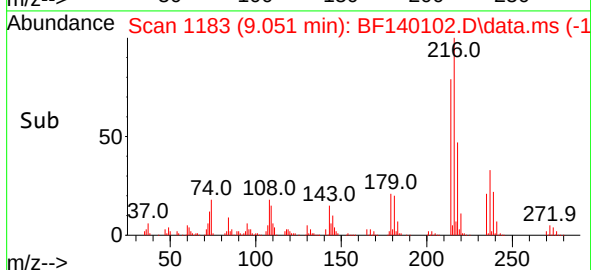
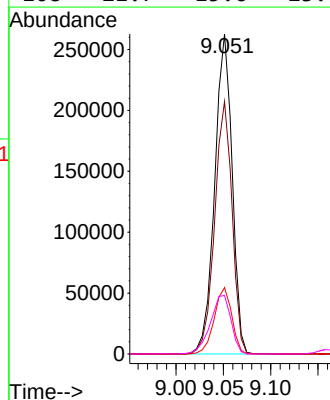
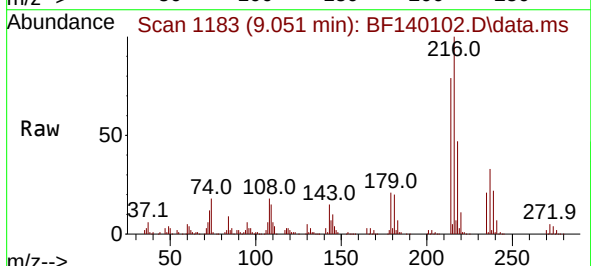
Ion Ratio Lower Upper

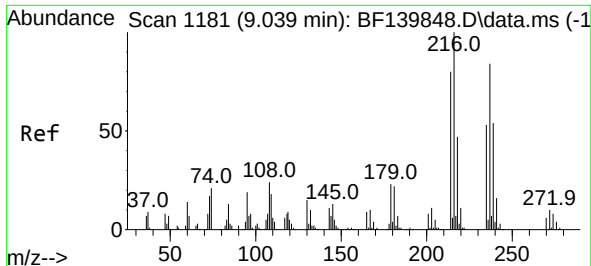
216 100

214 78.8 63.4 95.0

179 20.9 17.2 25.8

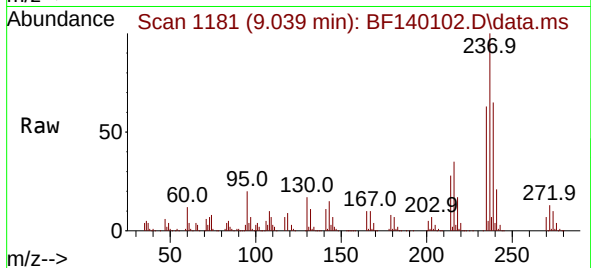
108 21.7 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 167.579 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

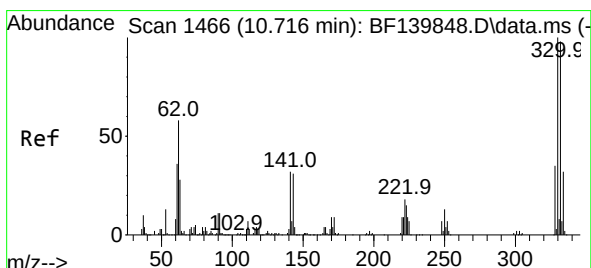
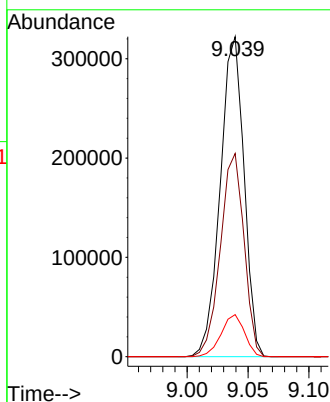
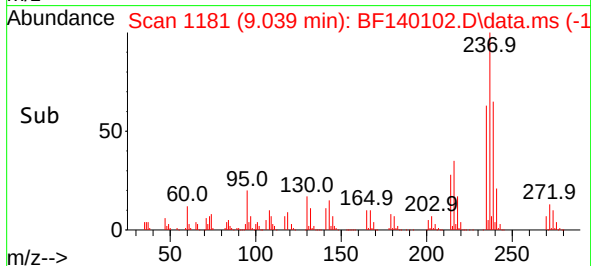
Instrument :
BNA_F
ClientSampleId :
PB164461BS



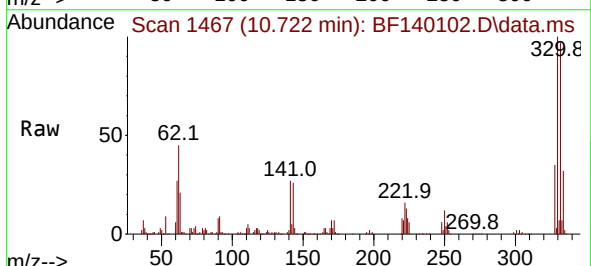
Tgt Ion:237 Resp: 437928
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 13.2 0.0 32.3

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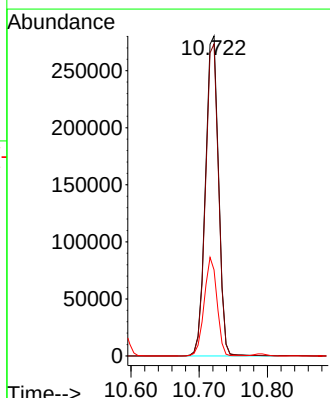
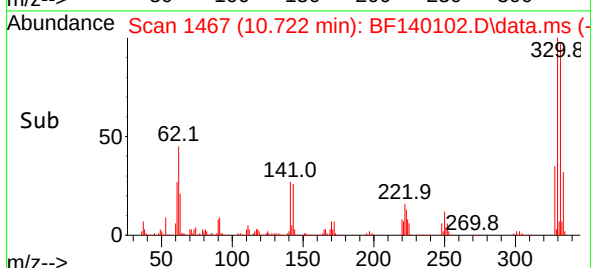
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

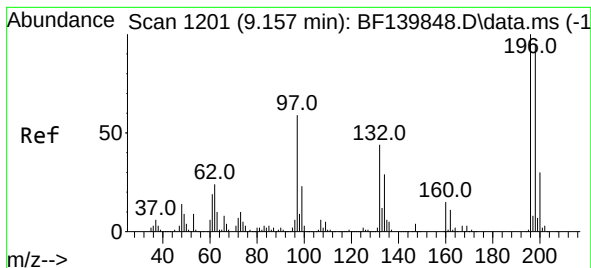


#42
2,4,6-Tribromophenol
Concen: 144.128 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:330 Resp: 375298
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 30.1 26.6 39.8





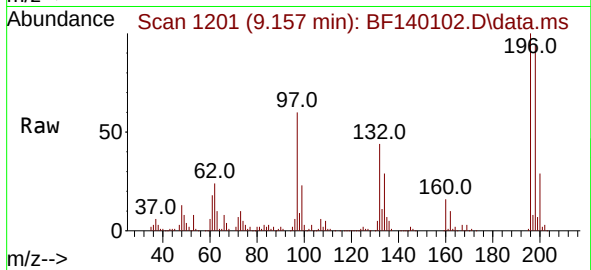
#43
2,4,6-Trichlorophenol
Concen: 46.737 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

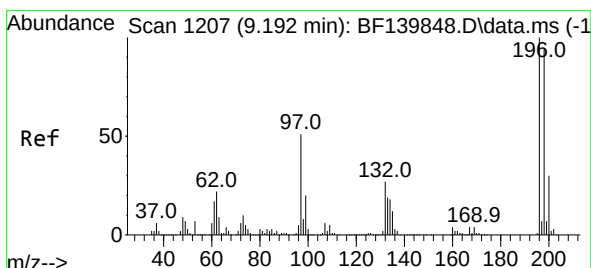
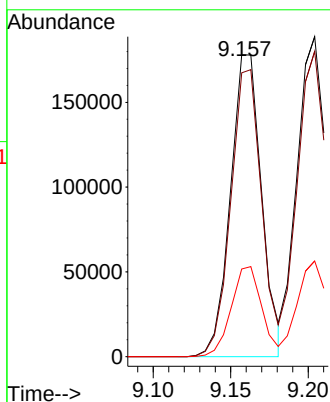
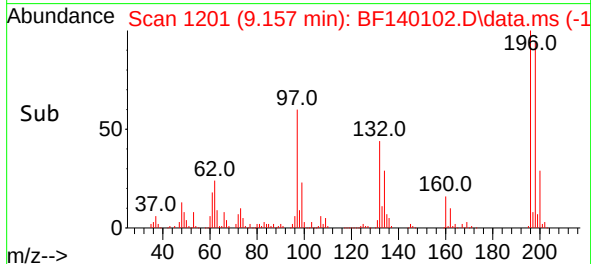


Tgt Ion:196 Resp: 248514
Ion Ratio Lower Upper
196 100
198 94.0 76.2 114.2
200 29.0 24.0 36.0

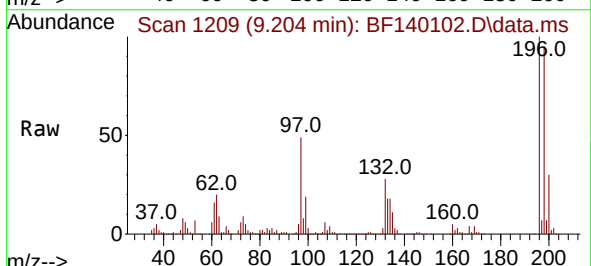
Manual Integrations

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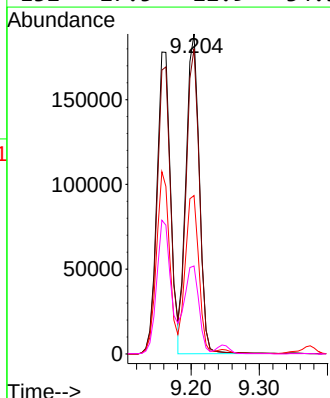
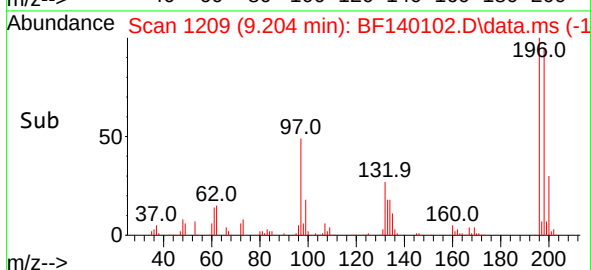
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

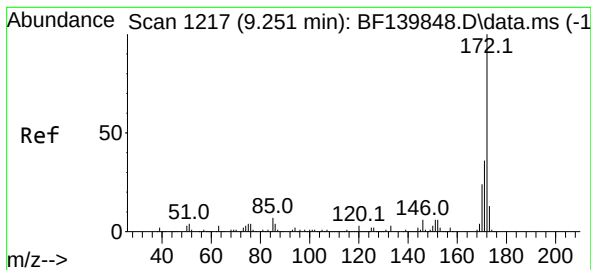


#44
2,4,5-Trichlorophenol
Concen: 46.287 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



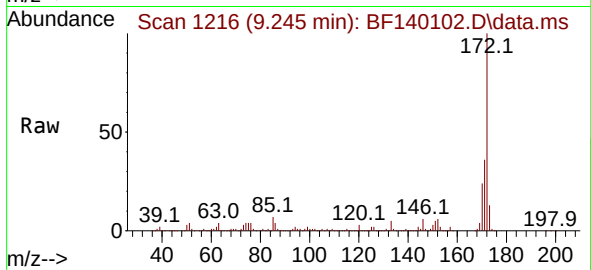
Tgt Ion:196 Resp: 253928
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.6
97 49.5 41.8 62.6
132 27.5 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 87.582 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

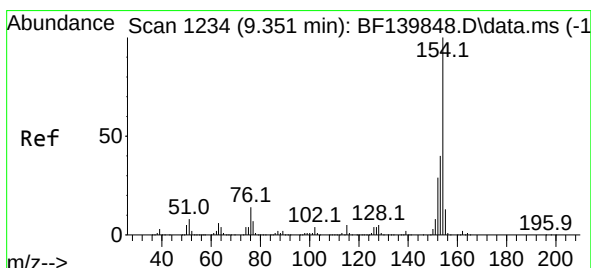
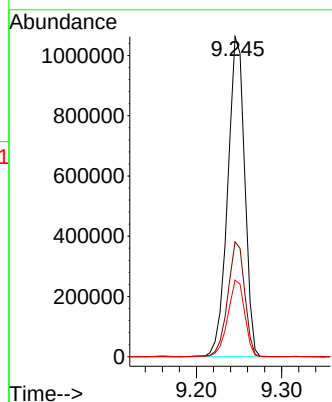
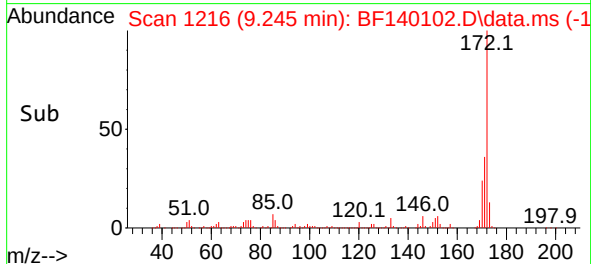
Instrument :
BNA_F
ClientSampleId :
PB164461BS



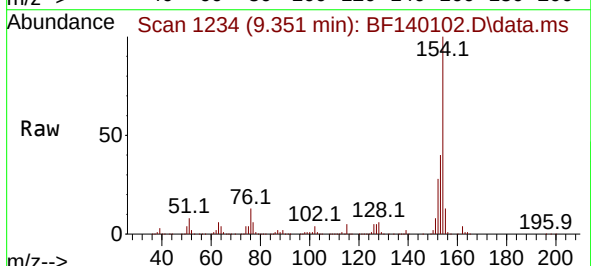
Tgt Ion:172 Resp: 147525
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7

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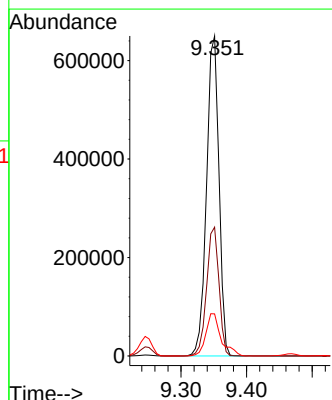
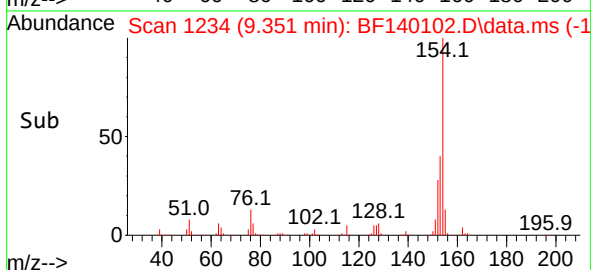
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

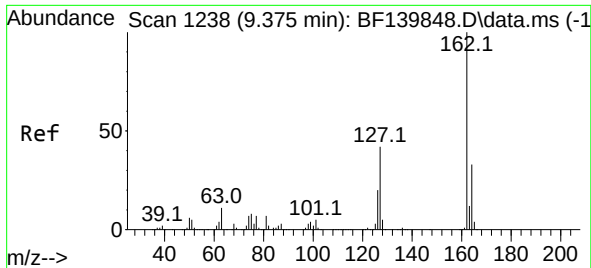


#46
1,1'-Biphenyl
Concen: 44.236 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:154 Resp: 857279
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.914 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

Tgt Ion:162 Resp: 68543

Ion Ratio Lower Upper

162 100

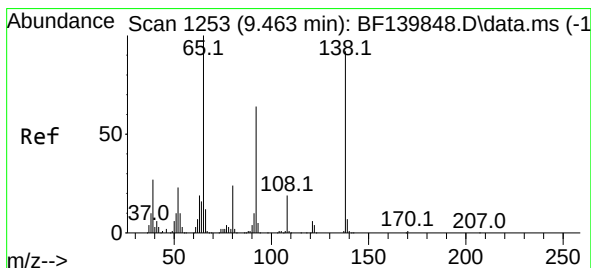
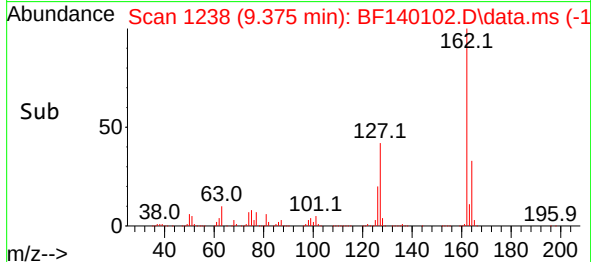
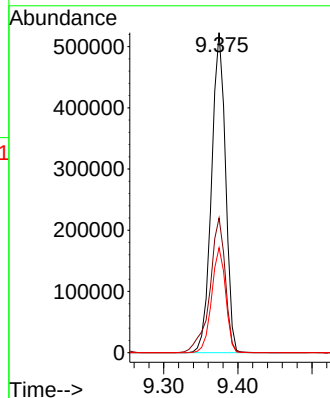
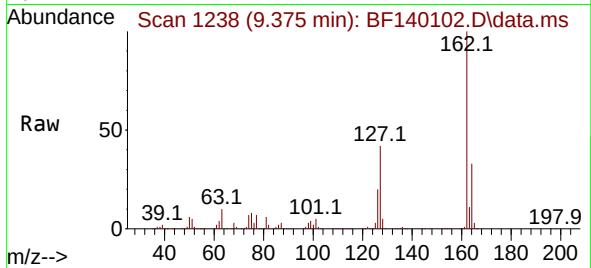
127 42.1 33.8 50.6

164 32.8 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: 50.720 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

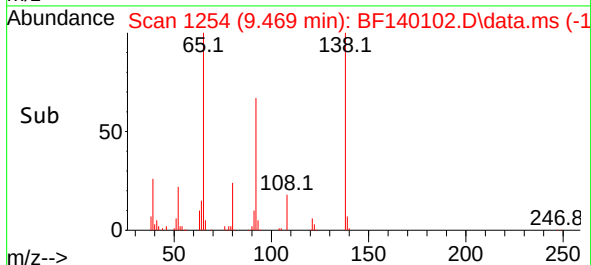
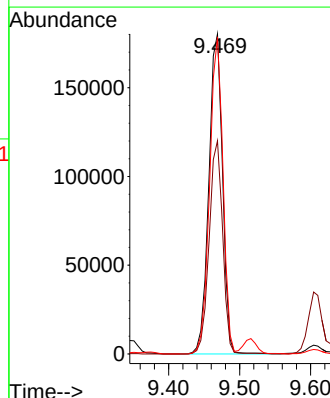
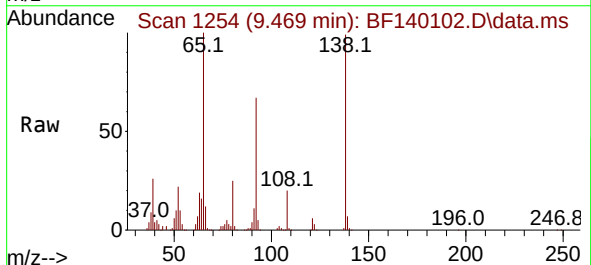
Tgt Ion: 65 Resp: 242126

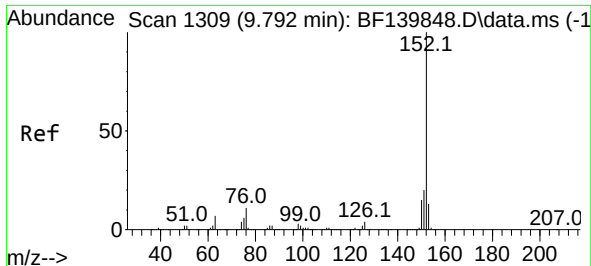
Ion Ratio Lower Upper

65 100

92 66.6 50.9 76.3

138 99.1 73.4 110.0





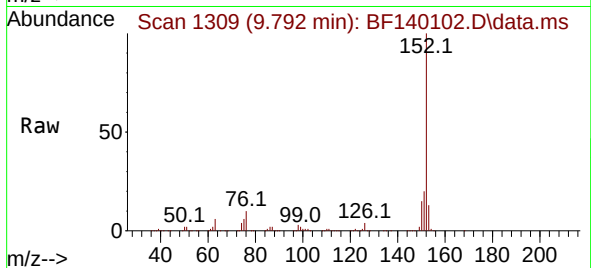
#49
Acenaphthylene
Concen: 47.486 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

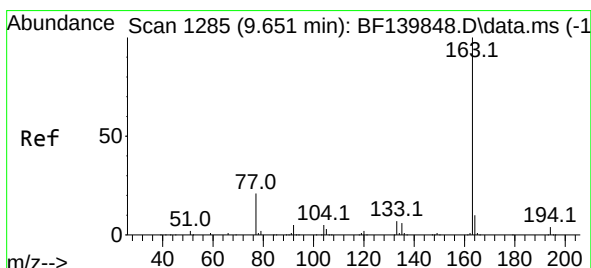
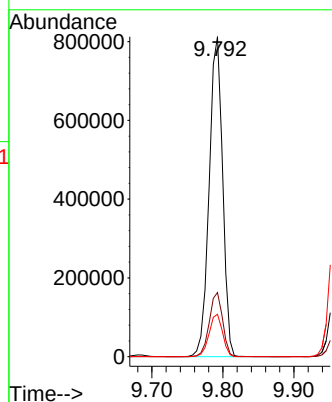
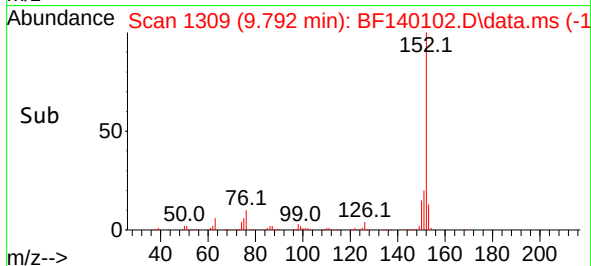


Tgt Ion:152 Resp: 1071550
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.7 16.1

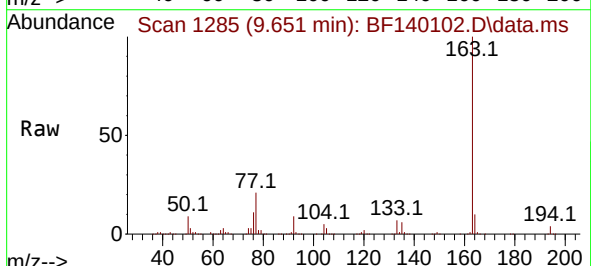
Manual Integrations

APPROVED

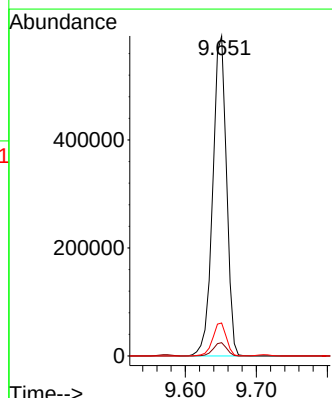
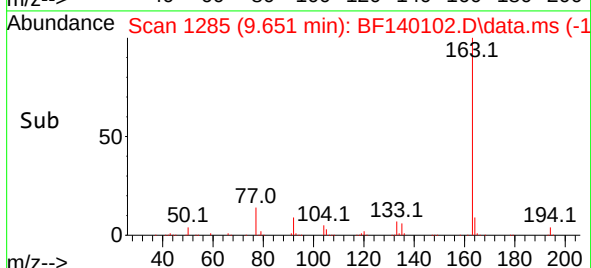
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

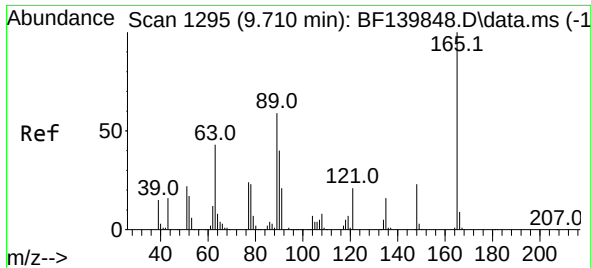


#50
Dimethylphthalate
Concen: 45.913 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



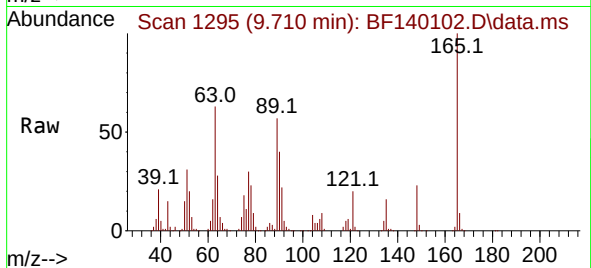
Tgt Ion:163 Resp: 796125
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.210 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

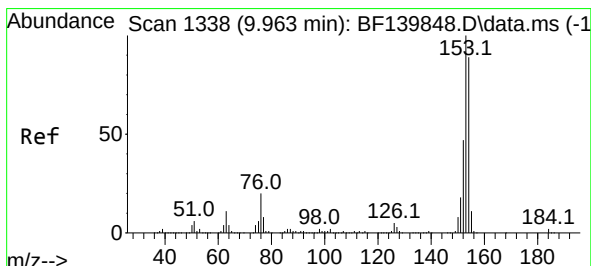
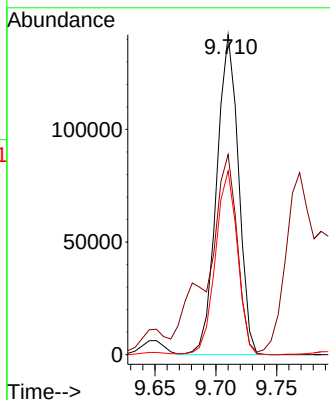
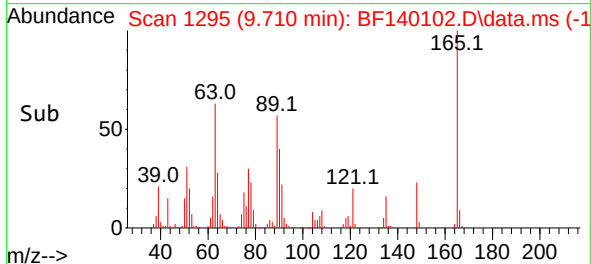
Instrument :
BNA_F
ClientSampleId :
PB164461BS



Tgt Ion:165 Resp: 177248
Ion Ratio Lower Upper
165 100
63 62.6 50.6 75.8
89 57.4 47.5 71.3

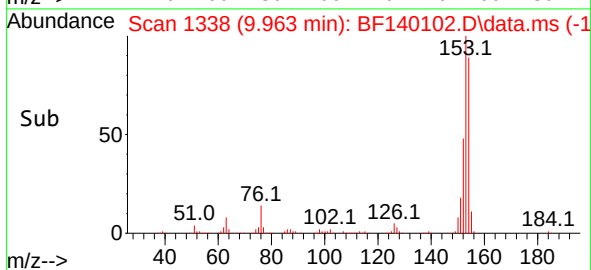
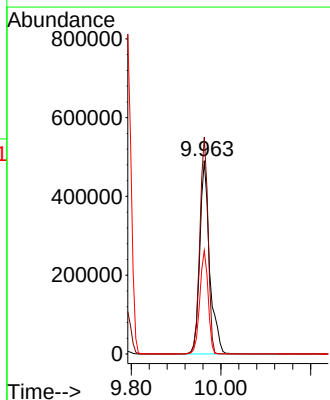
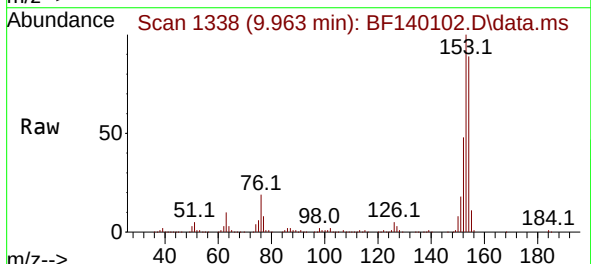
Manual Integrations
APPROVED

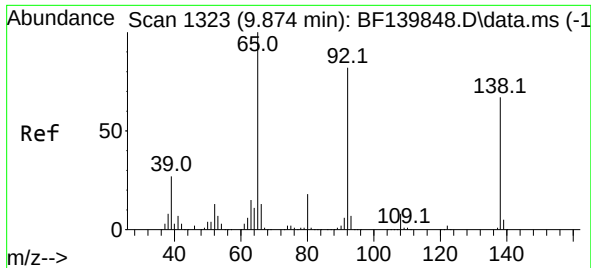
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 51.411 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Tgt Ion:154 Resp: 750474
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.6
152 53.5 42.4 63.6





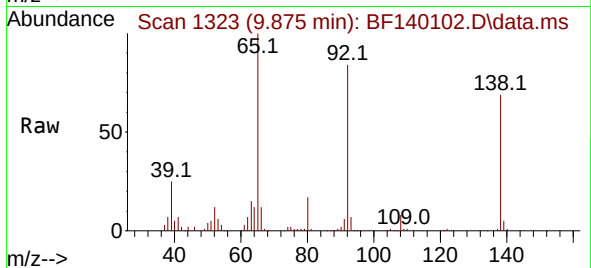
#53
3-Nitroaniline
Concen: 28.957 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

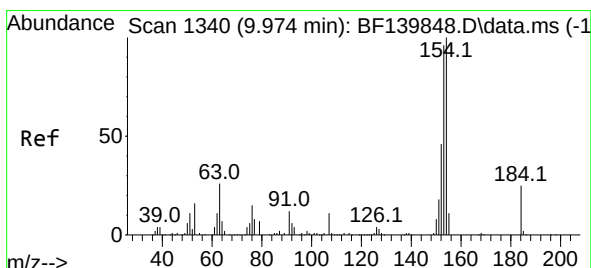
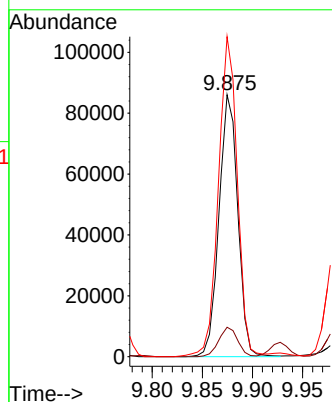
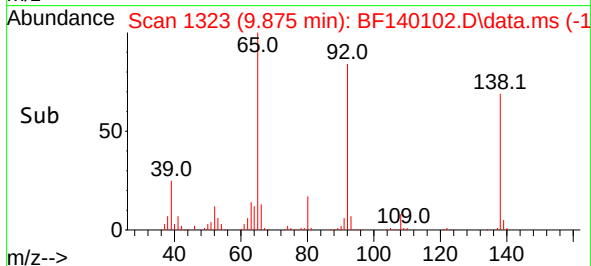


Tgt Ion:138 Resp: 11211
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 122.2 98.3 147.5

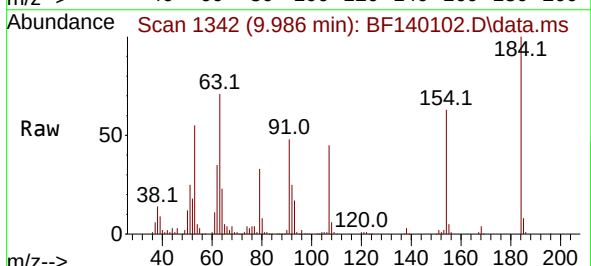
Manual Integrations

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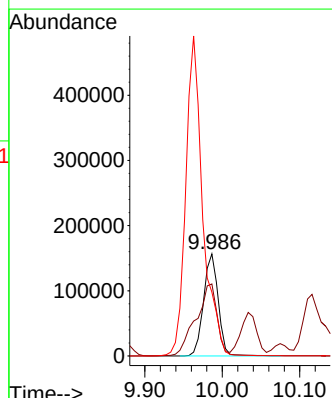
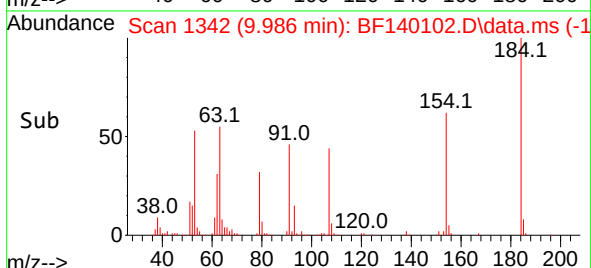
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

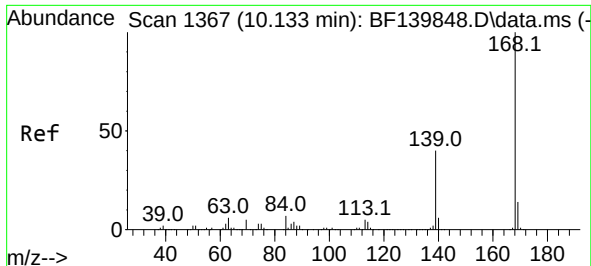


#54
2,4-Dinitrophenol
Concen: 127.641 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



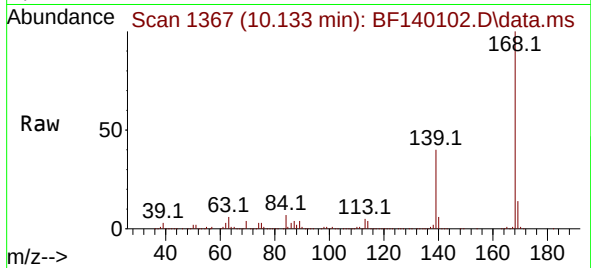
Tgt Ion:184 Resp: 205710
Ion Ratio Lower Upper
184 100
63 70.5 84.7 127.1#
154 62.6 338.2 507.2#





#55
Dibenzofuran
Concen: 45.358 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

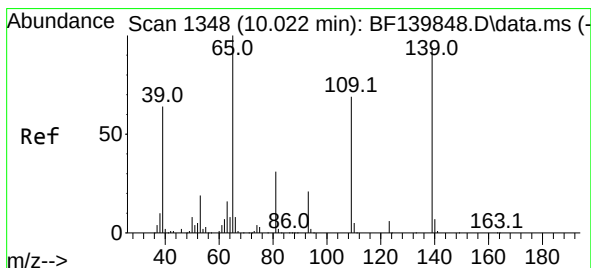
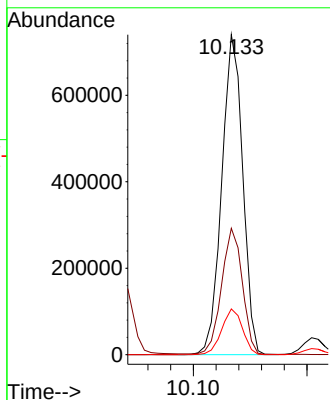
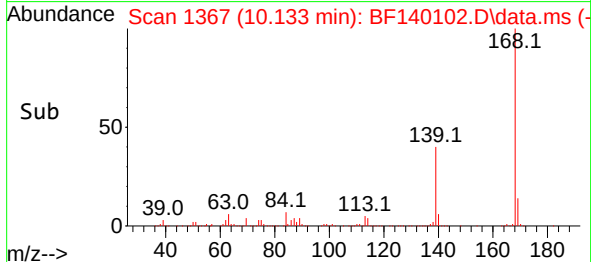
Instrument :
BNA_F
ClientSampleId :
PB164461BS



Tgt Ion:168 Resp: 949974
Ion Ratio Lower Upper
168 100
139 39.5 31.8 47.6
169 14.3 11.6 17.4

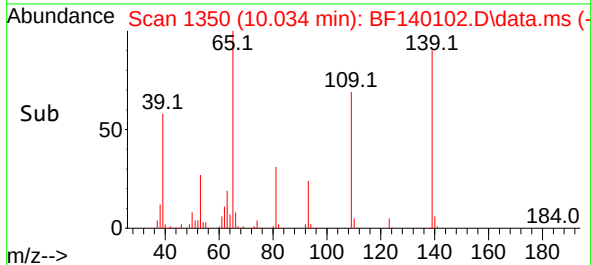
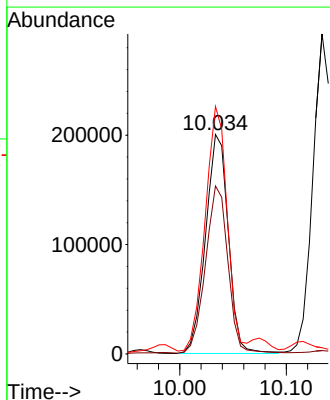
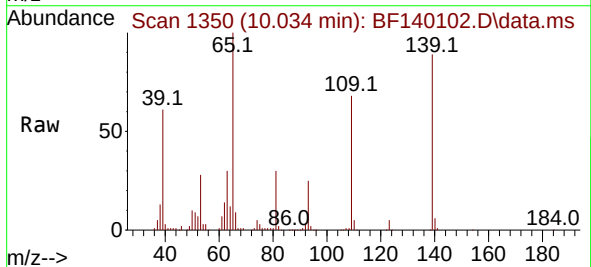
Manual Integrations
APPROVED

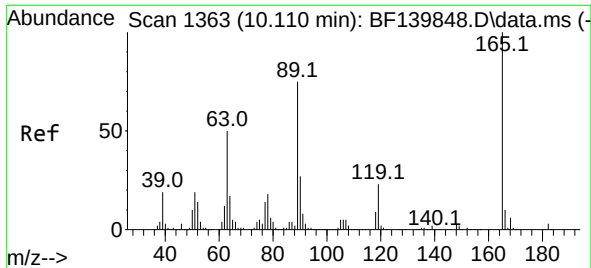
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 99.985 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Tgt Ion:139 Resp: 297830
Ion Ratio Lower Upper
139 100
109 76.6 53.6 93.6
65 112.8 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 53.260 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

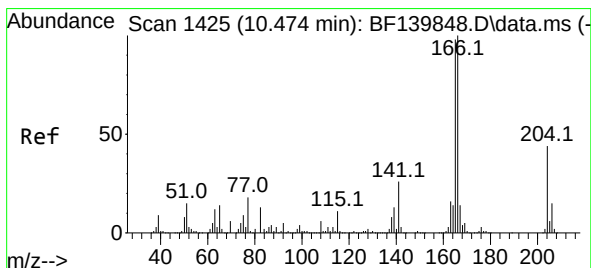
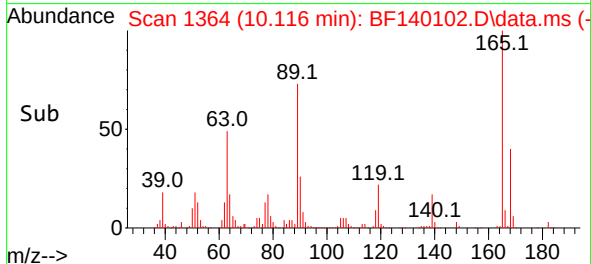
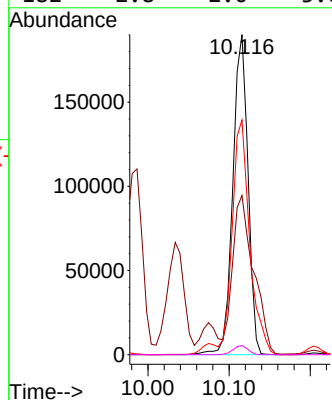
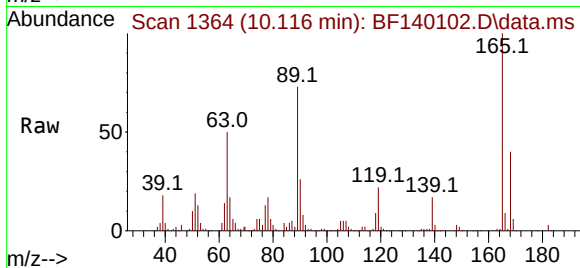
PB164461BS

Tgt Ion:165 Resp: 24590
Ion Ratio Lower Upper
165 100
63 49.7 40.1 60.1
89 73.3 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations

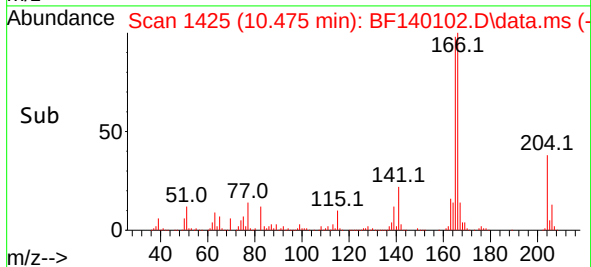
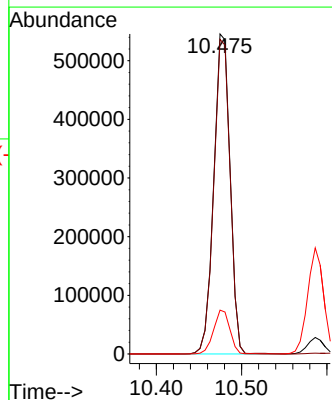
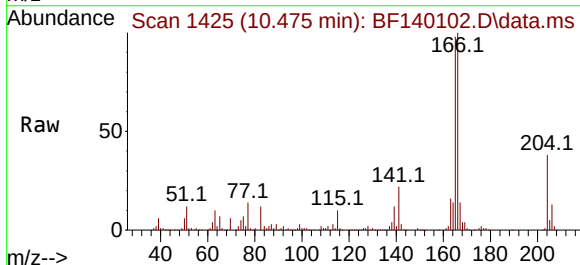
APPROVED

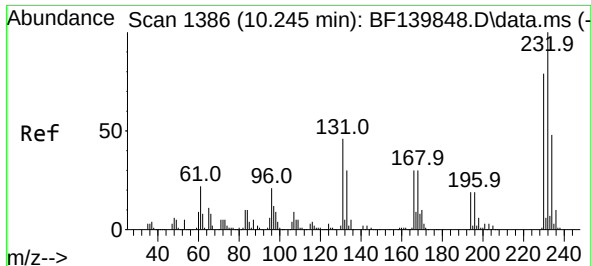
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 45.452 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

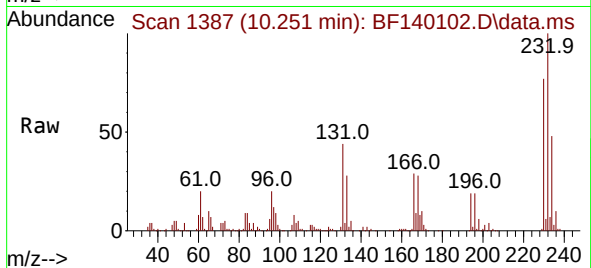
Tgt Ion:166 Resp: 725048
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.823 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

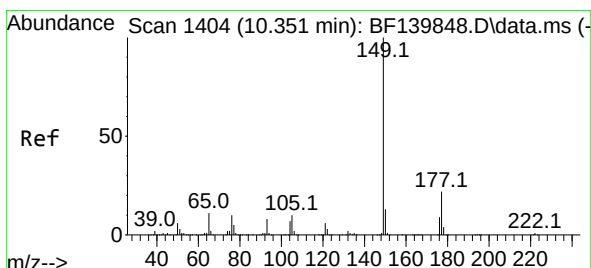
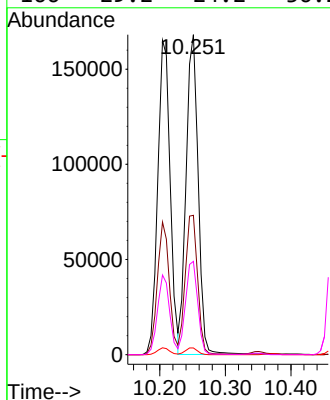
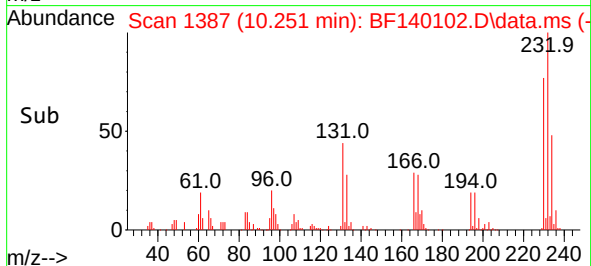
Instrument :
BNA_F
ClientSampleId :
PB164461BS



Tgt Ion:232 Resp: 21427
Ion Ratio Lower Upper
232 100
131 44.7 37.0 55.6
130 2.2 1.9 2.9
166 29.2 24.2 36.2

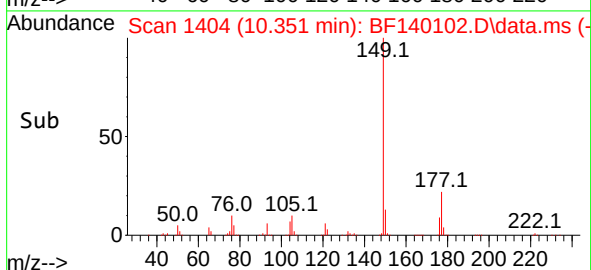
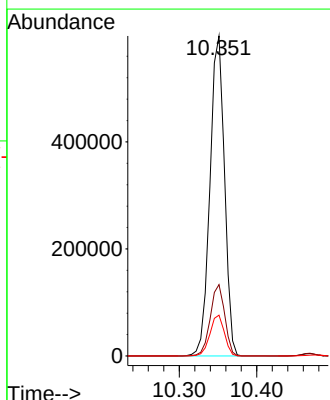
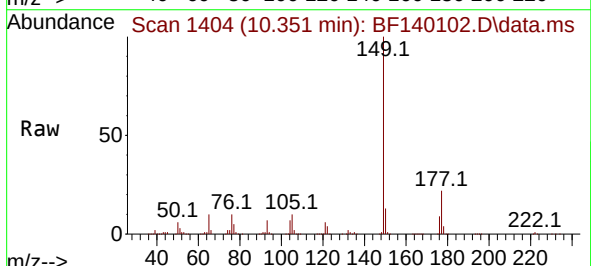
Manual Integrations
APPROVED

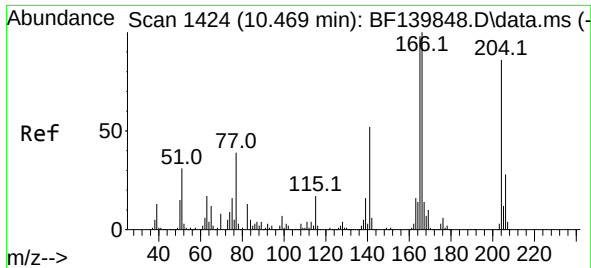
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 45.782 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

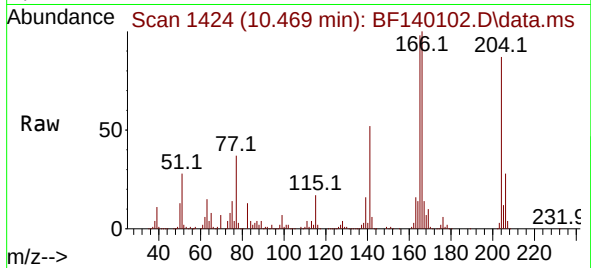
Tgt Ion:149 Resp: 779453
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.107 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

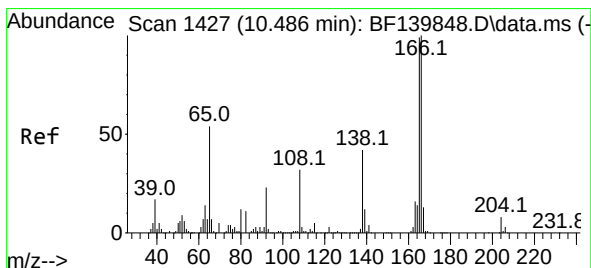
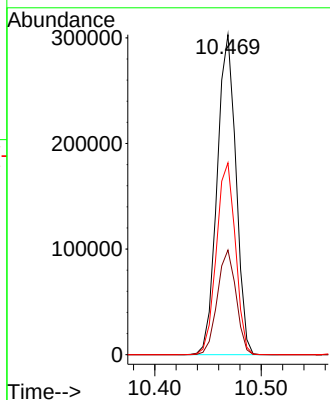
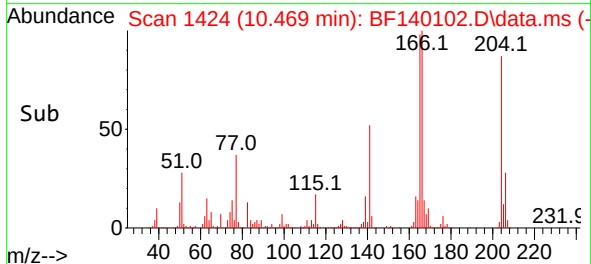
Instrument :
BNA_F
ClientSampleId :
PB164461BS



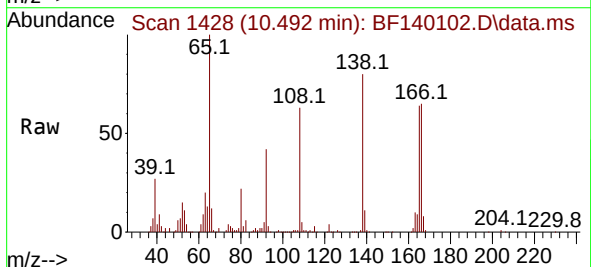
Tgt Ion:204 Resp: 371429
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.9 48.6 73.0

Manual Integrations
APPROVED

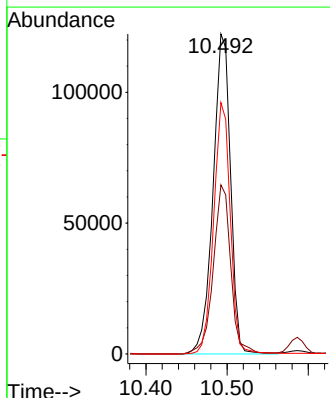
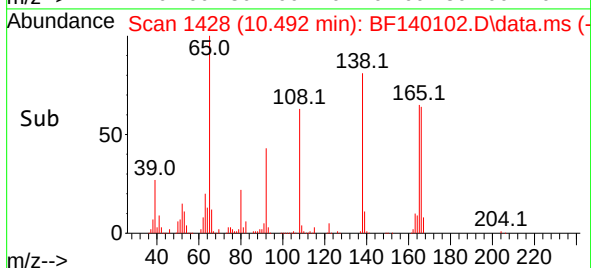
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

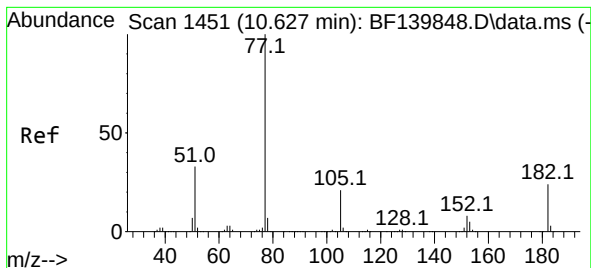


#62
4-Nitroaniline
Concen: 50.047 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:138 Resp: 183008
Ion Ratio Lower Upper
138 100
92 52.9 35.7 75.7
108 78.6 57.5 97.5





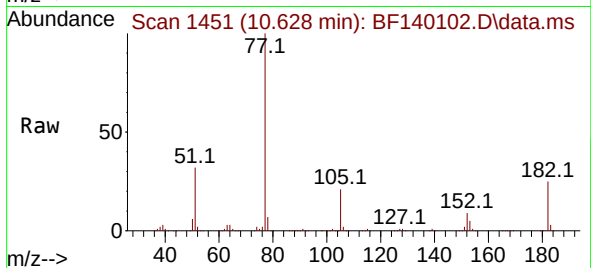
#63
Azobenzene
Concen: 44.623 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

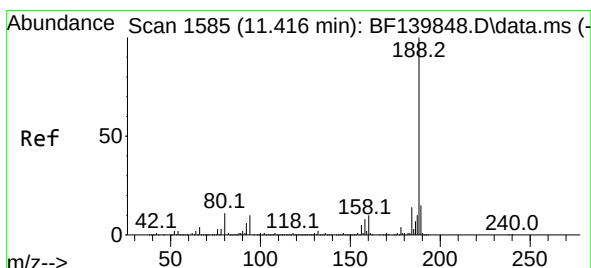
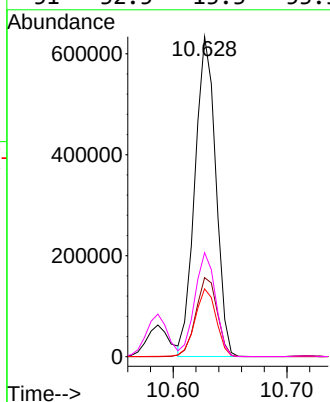
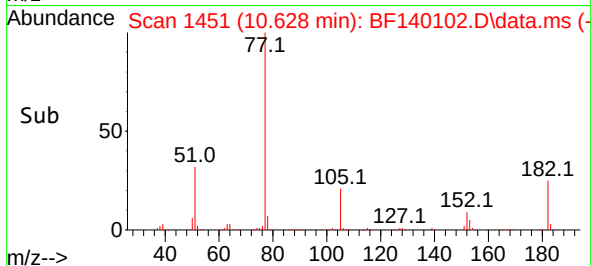


Tgt Ion: 77 Resp: 805434
Ion Ratio Lower Upper
77 100
182 24.7 3.3 43.3
105 21.2 1.2 41.2
51 32.5 13.3 53.3

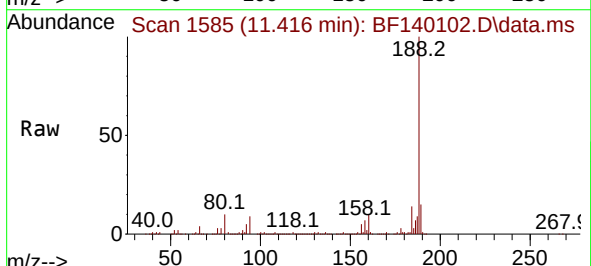
Manual Integrations

APPROVED

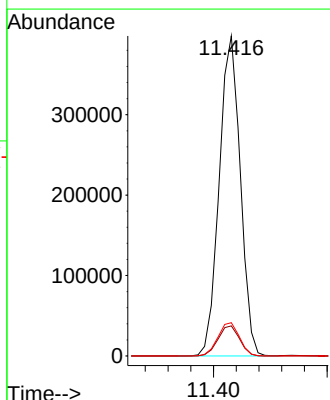
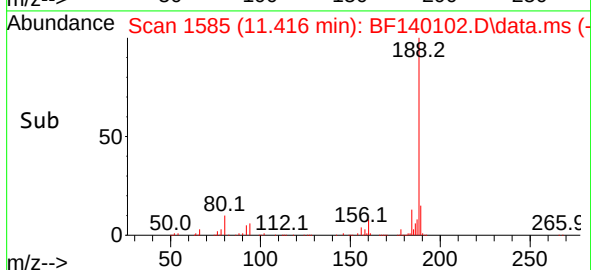
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

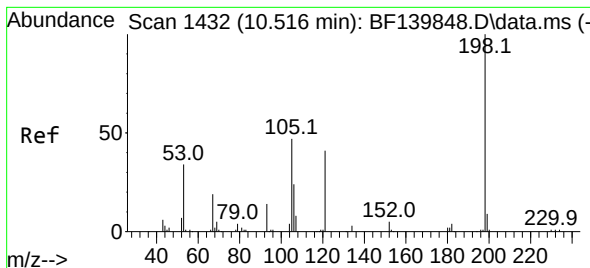


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



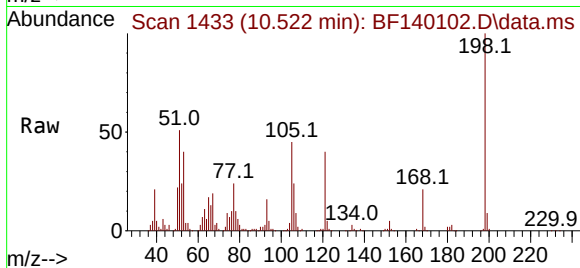
Tgt Ion:188 Resp: 513541
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.4 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 67.397 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

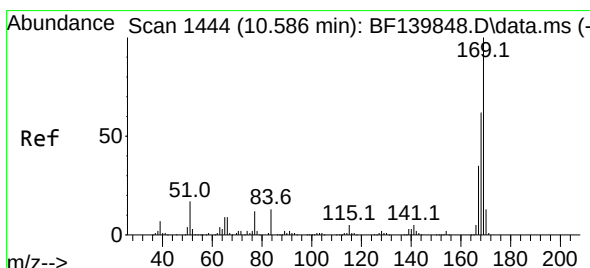
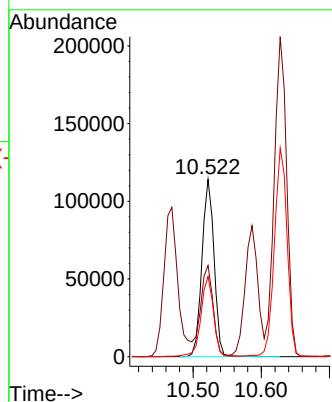
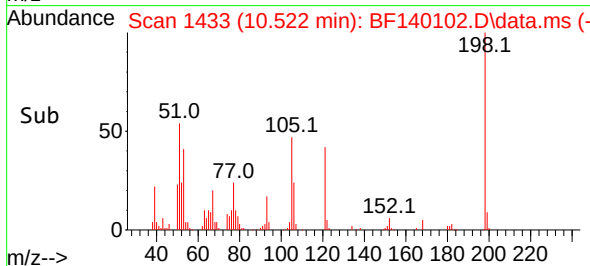
Instrument :
BNA_F
ClientSampleId :
PB164461BS



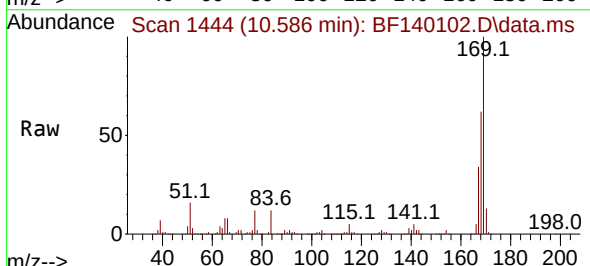
Tgt Ion:198 Resp: 141178
Ion Ratio Lower Upper
198 100
51 51.5 38.2 78.2
105 45.2 27.9 67.9

Manual Integrations
APPROVED

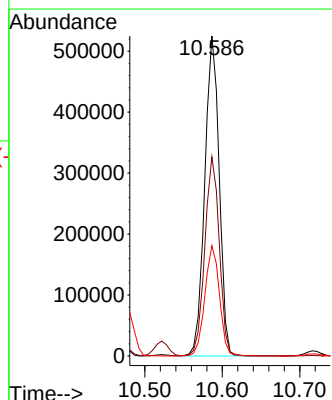
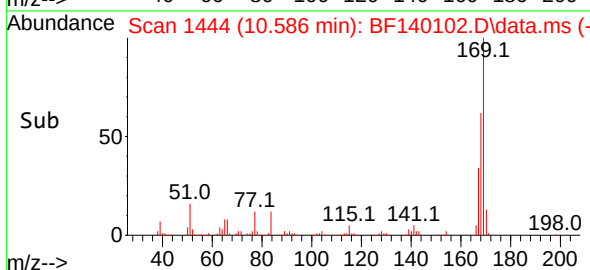
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

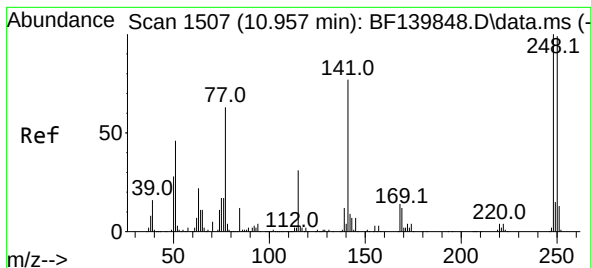


#66
n-Nitrosodiphenylamine
Concen: 44.099 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



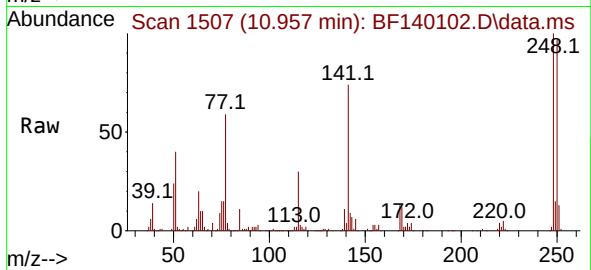
Tgt Ion:169 Resp: 677802
Ion Ratio Lower Upper
169 100
168 62.2 49.8 74.6
167 34.5 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 44.608 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

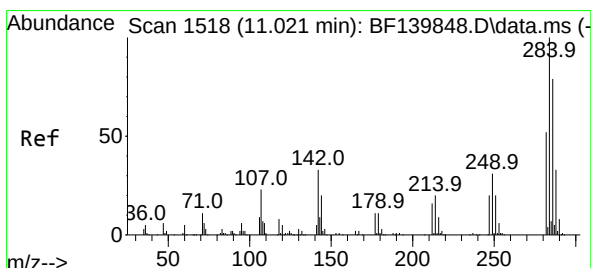
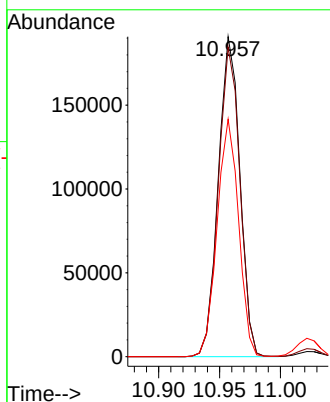
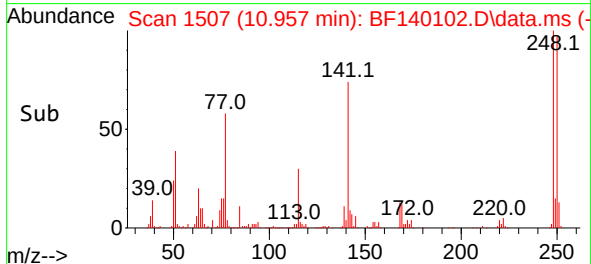
Instrument :
BNA_F
ClientSampleId :
PB164461BS



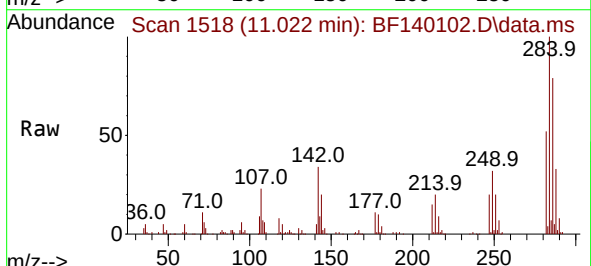
Tgt Ion:248 Resp: 235997
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.6
141 74.2 61.7 92.5

Manual Integrations
APPROVED

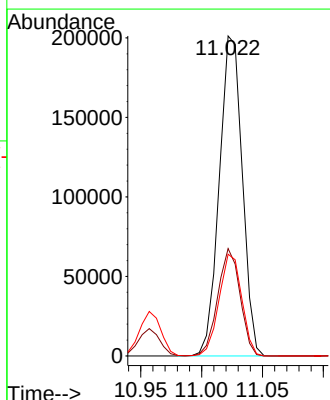
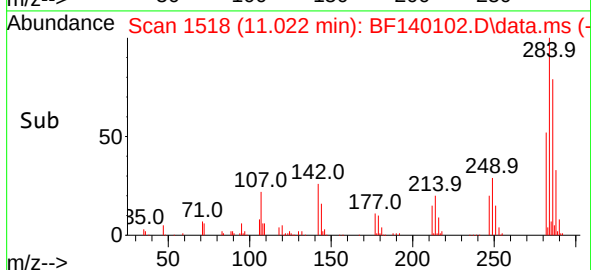
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

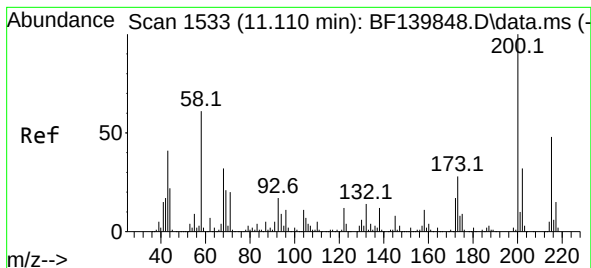


#68
Hexachlorobenzene
Concen: 44.484 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:284 Resp: 264678
Ion Ratio Lower Upper
284 100
142 33.6 26.9 40.3
249 31.8 25.3 37.9





#69

Atrazine

Concen: 54.585 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

Tgt Ion:200 Resp: 22726

Ion Ratio Lower Upper

200 100

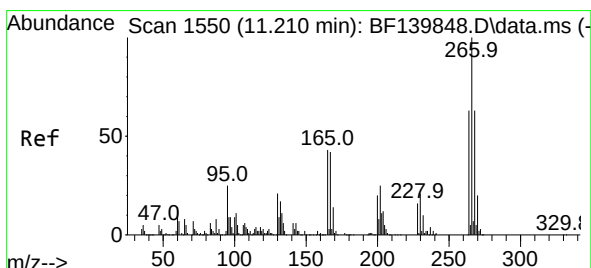
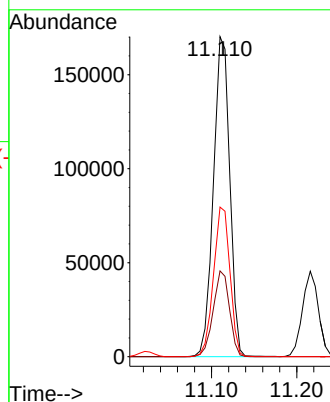
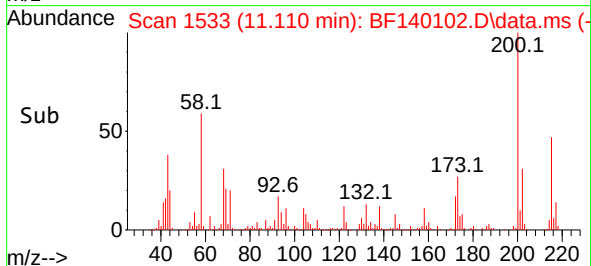
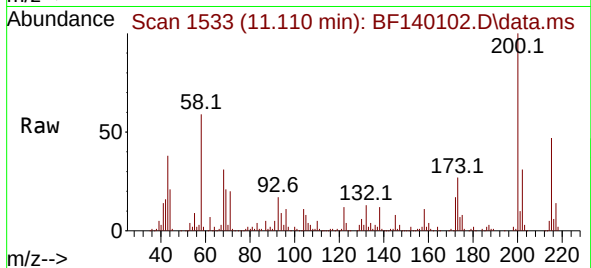
173 26.8 7.7 47.7

215 46.8 27.7 67.7

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 92.325 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

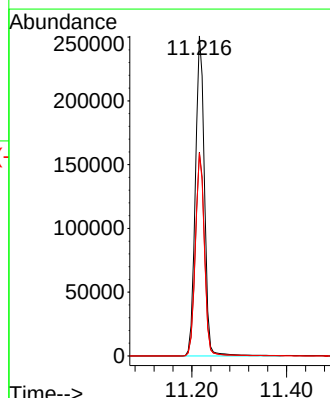
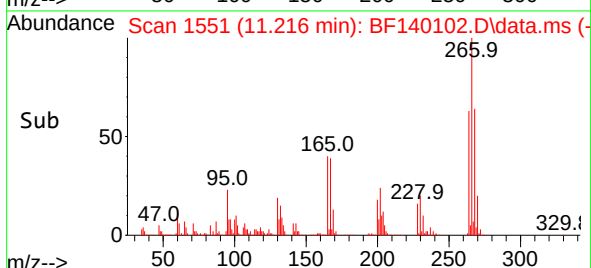
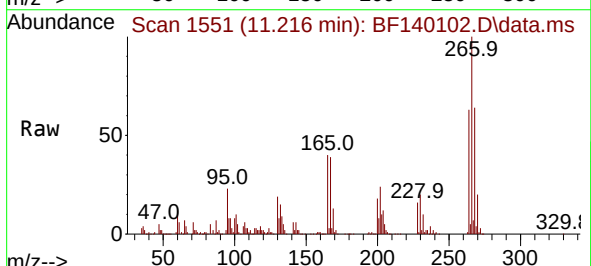
Tgt Ion:266 Resp: 333392

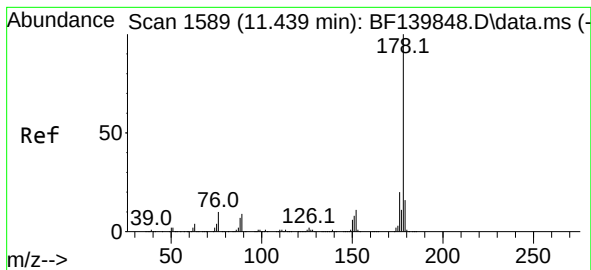
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

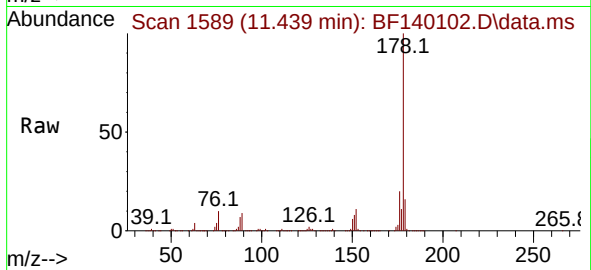
264 63.3 50.6 75.8





#71
Phenanthrene
Concen: 44.593 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

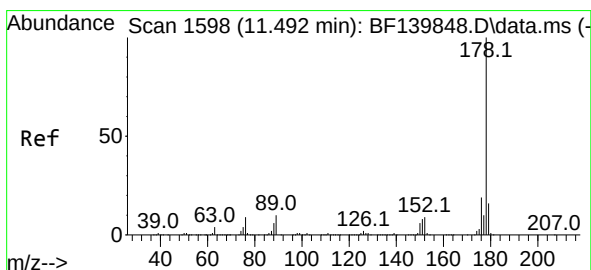
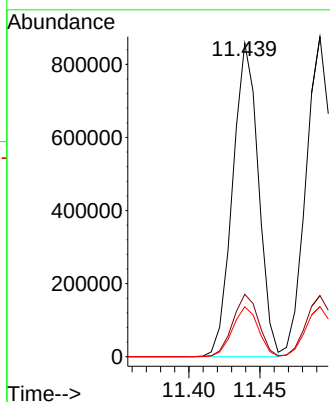
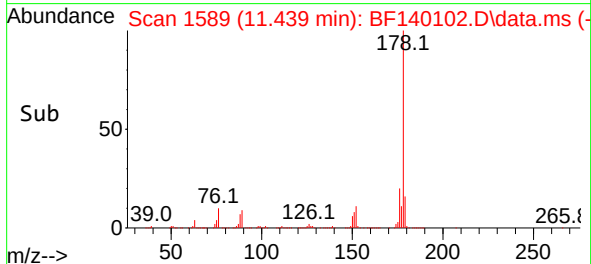
Instrument :
BNA_F
ClientSampleId :
PB164461BS



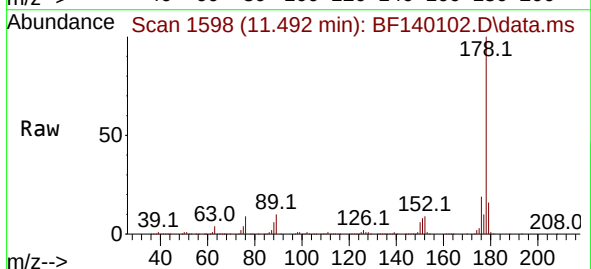
Tgt Ion:178 Resp: 1081700
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.9 12.6 18.8

Manual Integrations
APPROVED

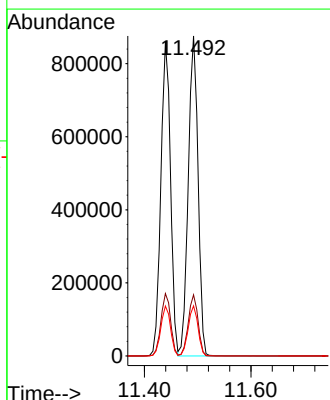
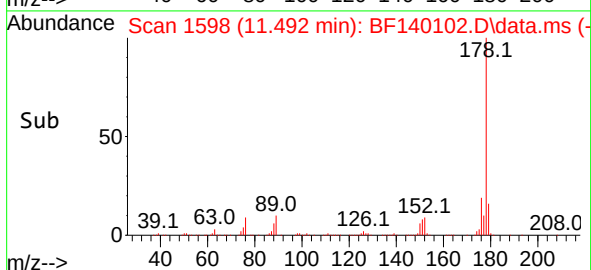
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

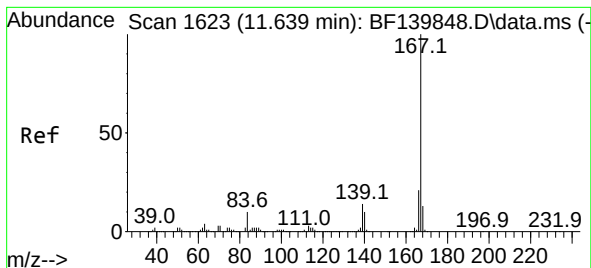


#72
Anthracene
Concen: 47.261 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:178 Resp: 1118559
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.4 18.6





#73

Carbazole

Concen: 44.559 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF140102.D

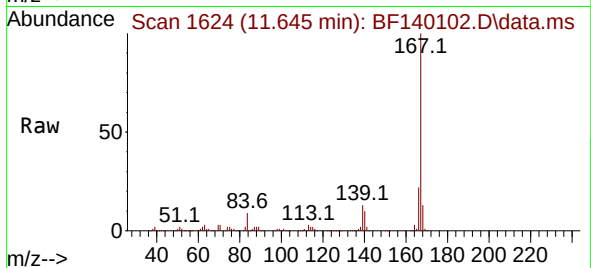
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS



Tgt Ion:167 Resp: 980810

Ion Ratio Lower Upper

167 100

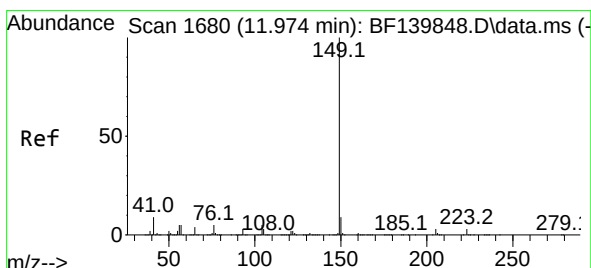
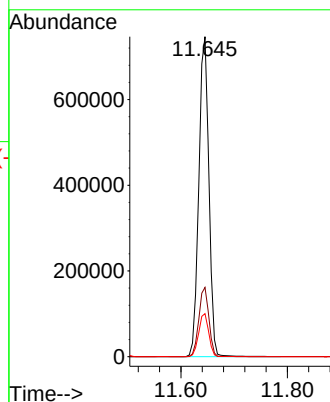
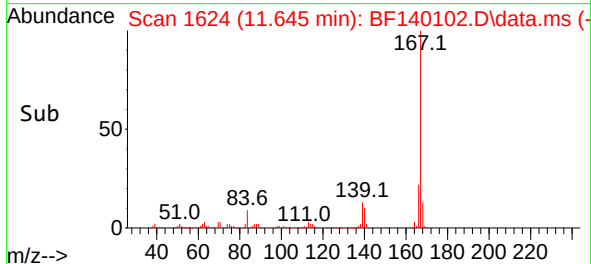
166 21.6 17.0 25.6

139 13.4 10.8 16.2

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 46.878 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

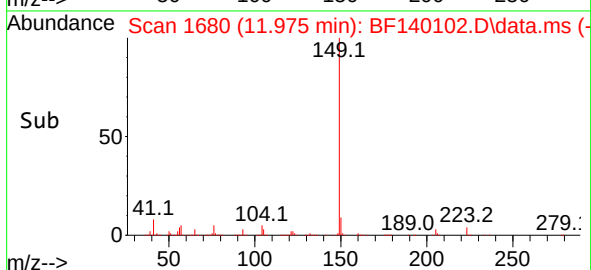
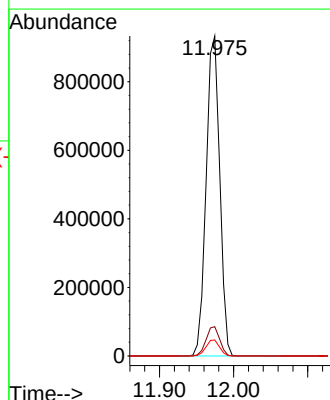
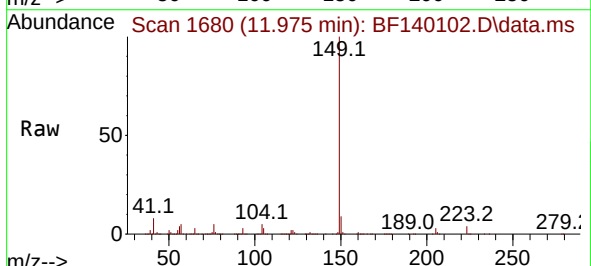
Tgt Ion:149 Resp: 1192125

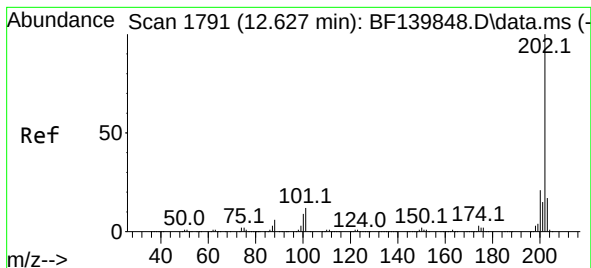
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

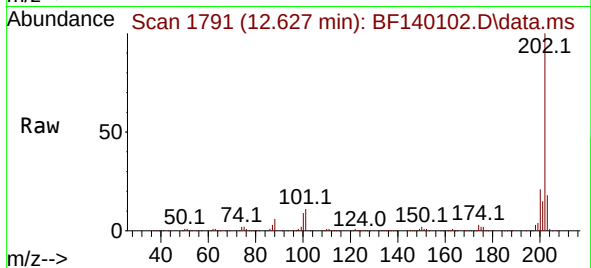
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 46.202 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

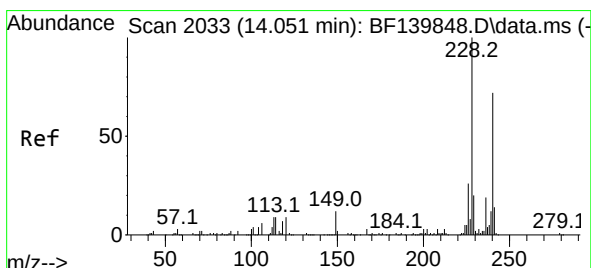
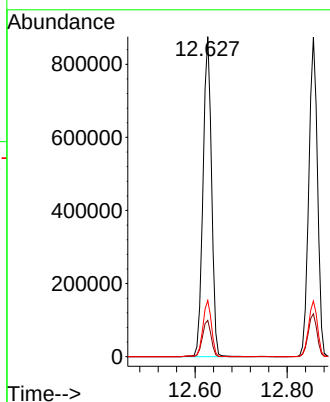
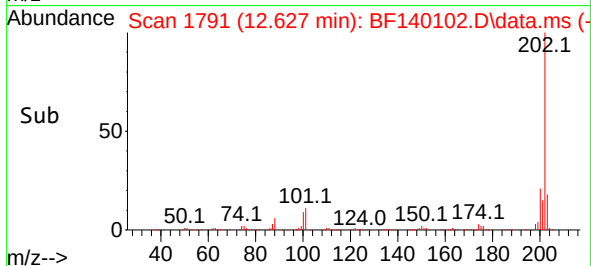
Instrument :
BNA_F
ClientSampleId :
PB164461BS



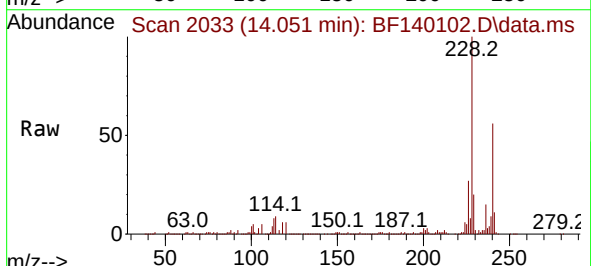
Tgt Ion:202 Resp: 113299
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.6 0.0 37.5

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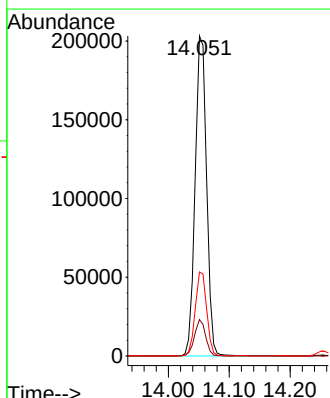
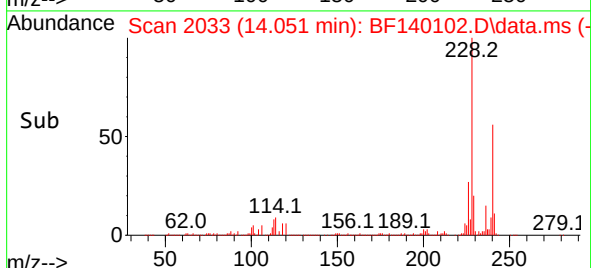
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

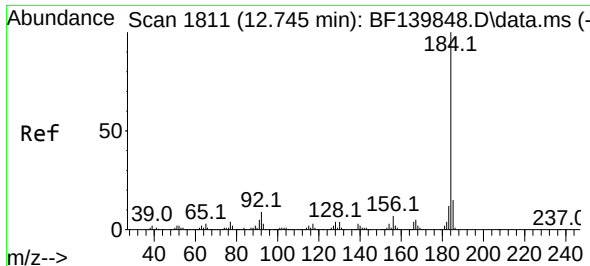


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



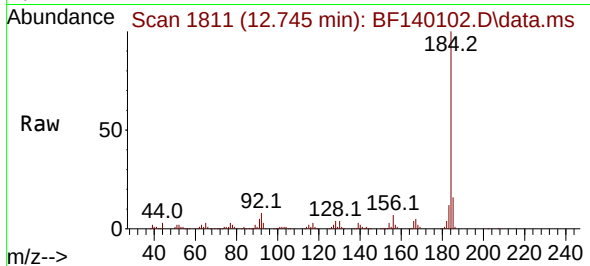
Tgt Ion:240 Resp: 266065
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.3 20.9 31.3





#77
Benzidine
Concen: 40.931 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

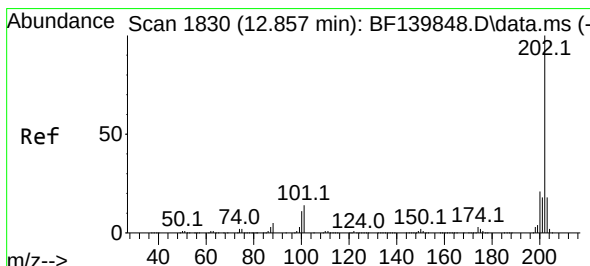
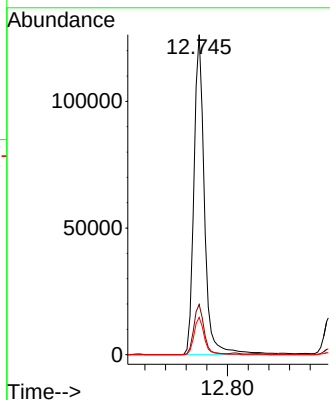
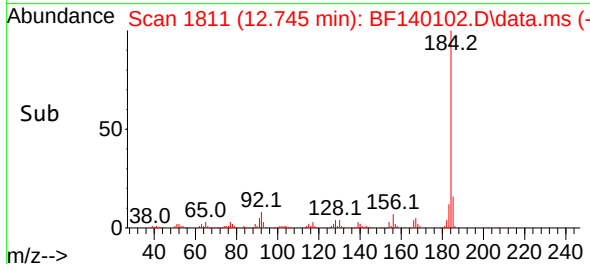
Instrument :
BNA_F
ClientSampleId :
PB164461BS



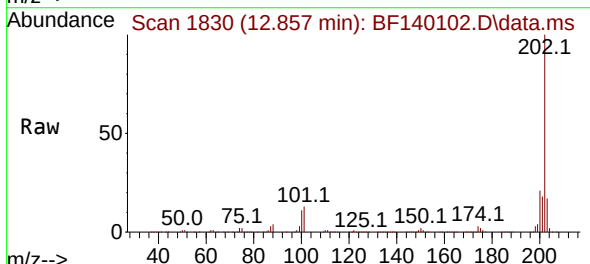
Tgt Ion:184 Resp: 17907
Ion Ratio Lower Upper
184 100
185 15.7 12.0 18.0
183 11.6 9.4 14.2

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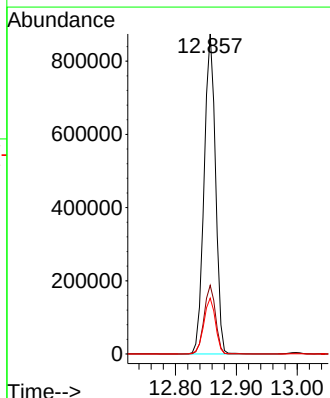
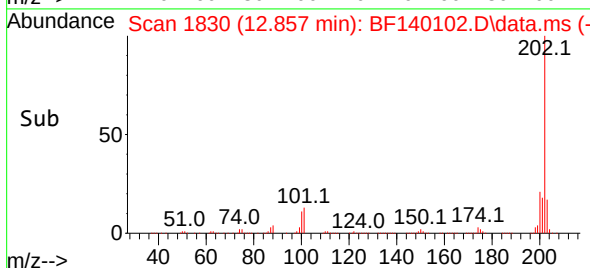
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

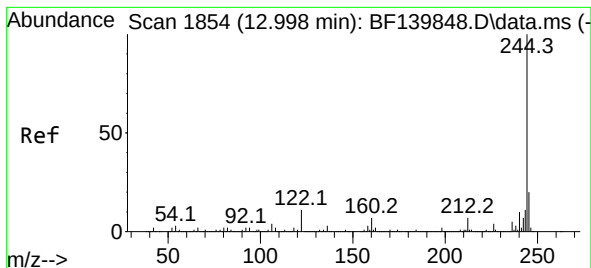


#78
Pyrene
Concen: 48.846 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:202 Resp: 1137589
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 100.457 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140102.D

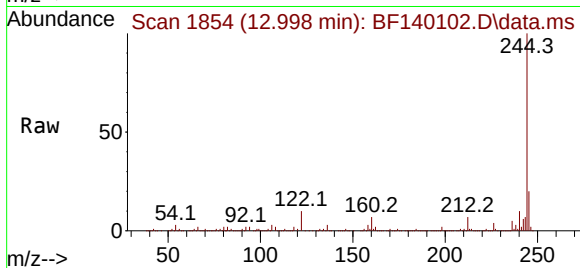
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS



Tgt Ion:244 Resp: 1640280

Ion Ratio Lower Upper

244 100

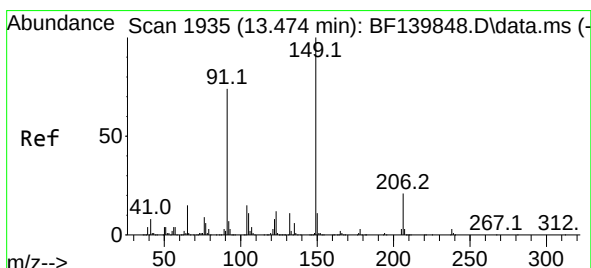
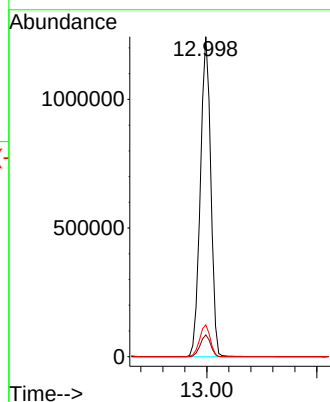
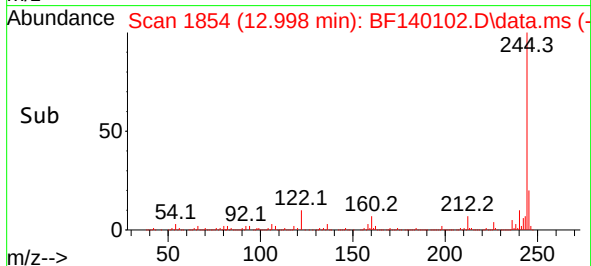
212 6.8 5.7 8.5

122 10.0 8.6 13.0

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 57.681 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

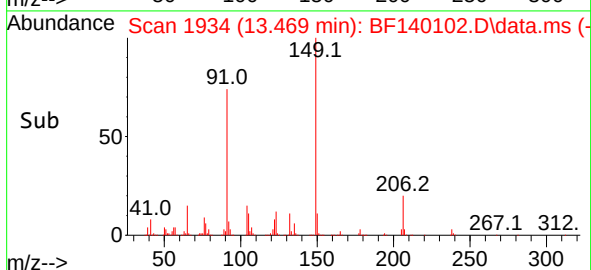
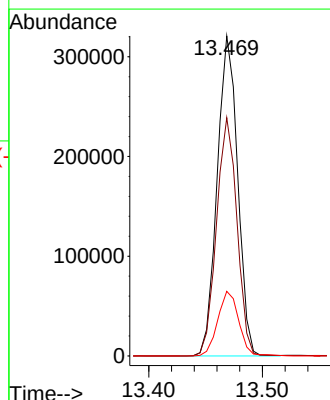
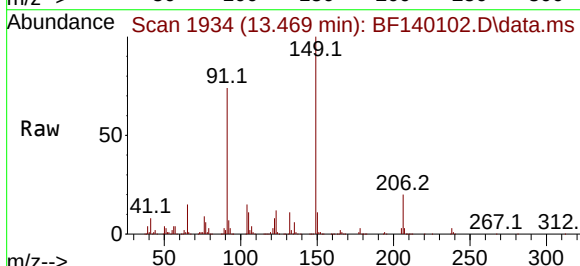
Tgt Ion:149 Resp: 402746

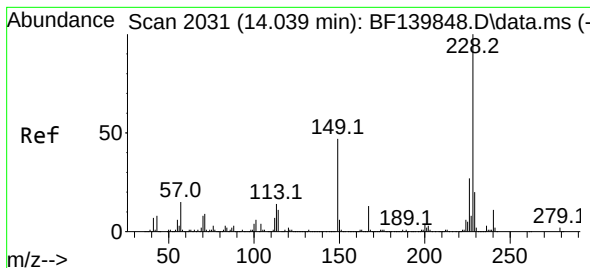
Ion Ratio Lower Upper

149 100

91 74.4 59.4 89.2

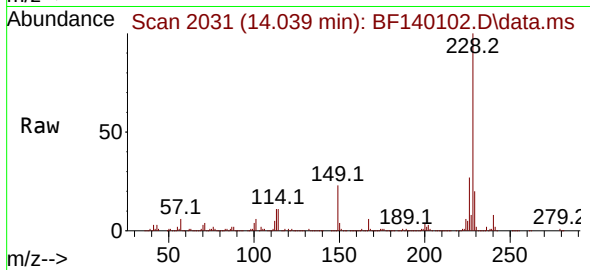
206 20.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 48.581 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

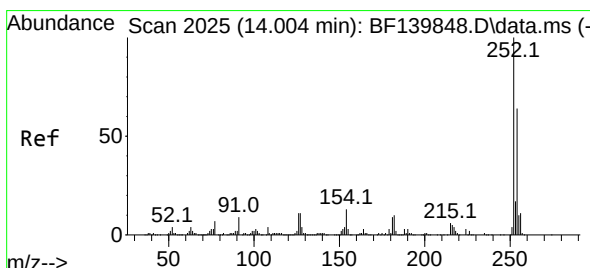
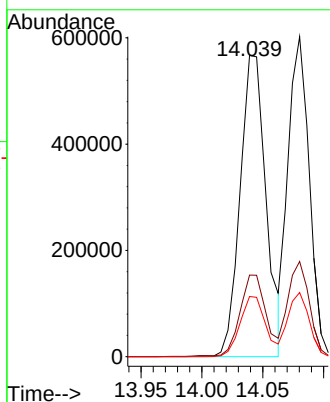
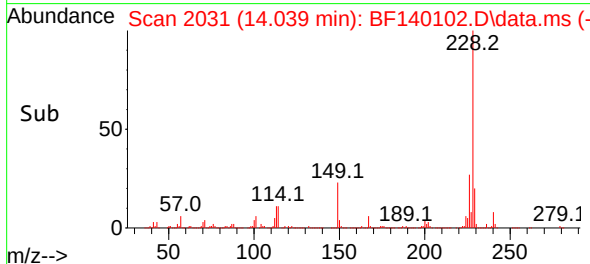
Instrument :
BNA_F
ClientSampleId :
PB164461BS



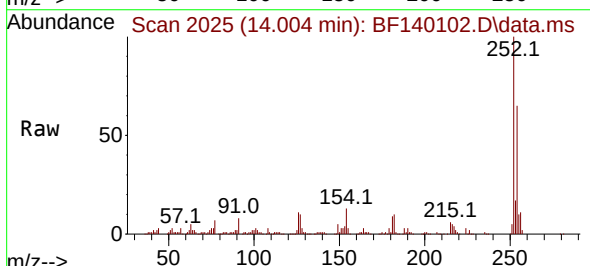
Tgt Ion:228 Resp: 841427
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.0 16.1 24.1

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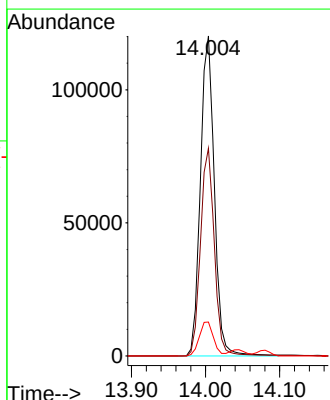
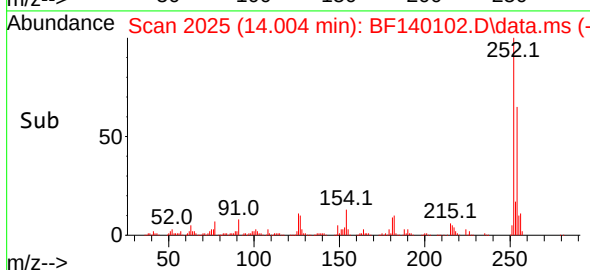
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

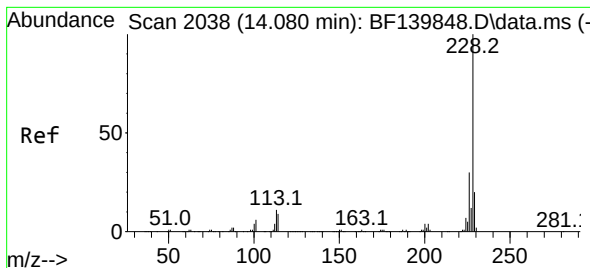


#82
3,3'-Dichlorobenzidine
Concen: 31.125 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:252 Resp: 157179
Ion Ratio Lower Upper
252 100
254 64.9 50.8 76.2
126 10.6 8.9 13.3





#83

Chrysene

Concen: 46.254 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140102.D

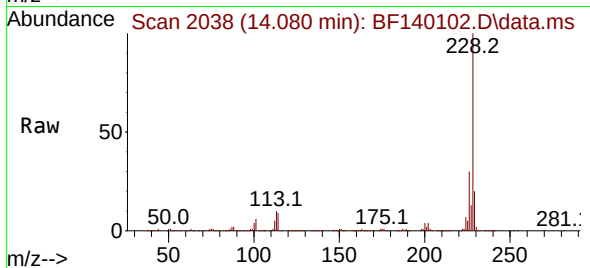
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS



Tgt Ion:228 Resp: 734528

Ion Ratio Lower Upper

228 100

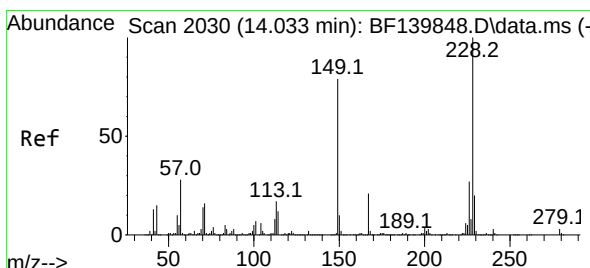
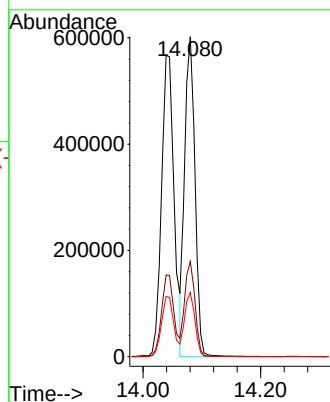
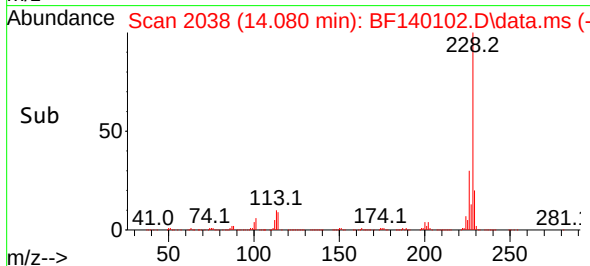
226 29.8 24.1 36.1

229 20.0 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: 58.963 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

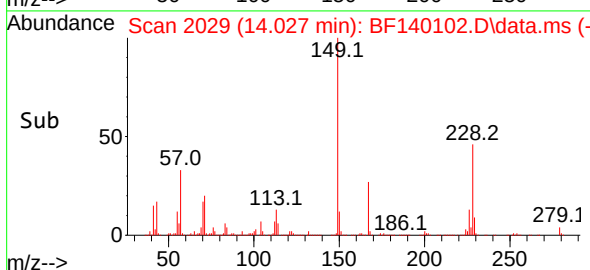
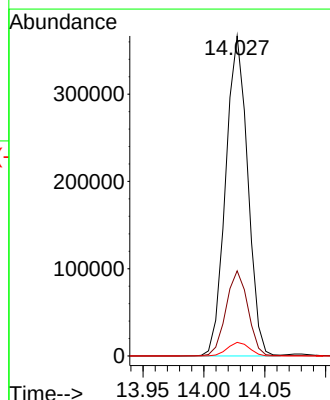
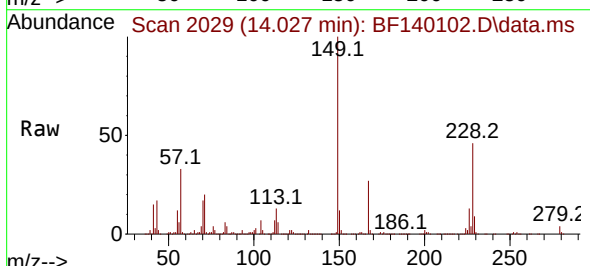
Tgt Ion:149 Resp: 461897

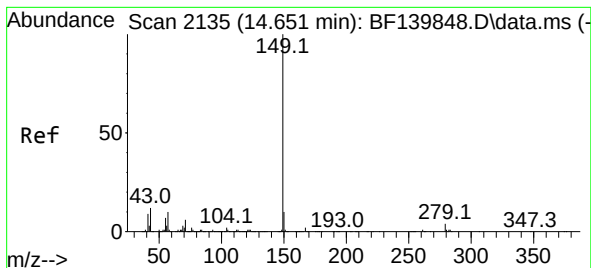
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 45.664 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

PB164461BS

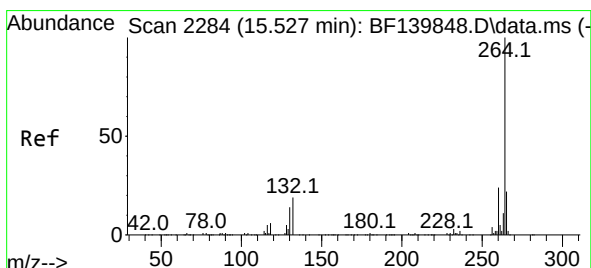
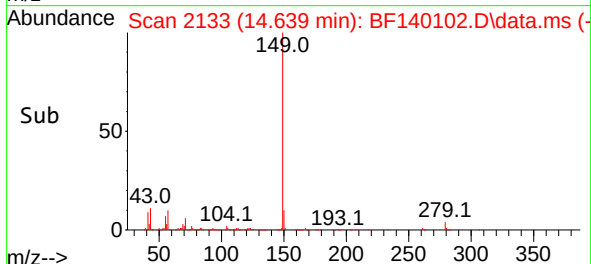
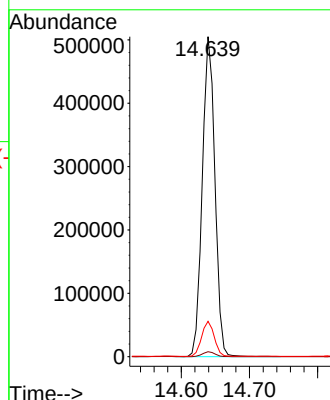
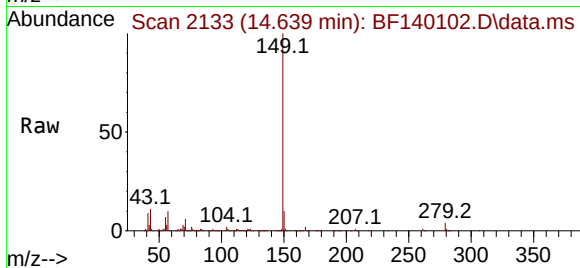
Tgt Ion:149 Resp: 650652

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	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: 15.527 min Scan# 2284

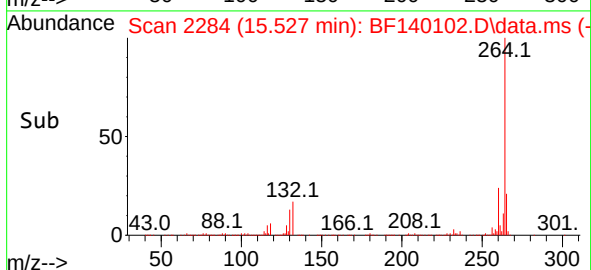
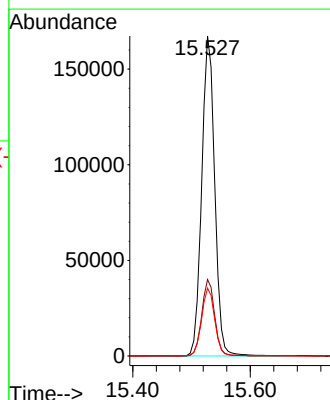
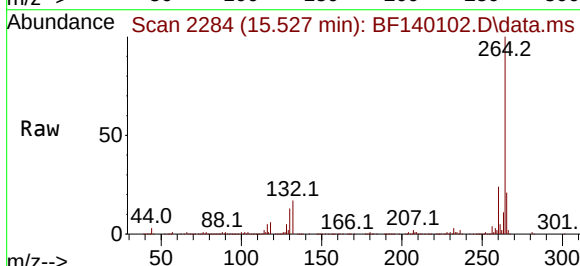
Delta R.T. 0.000 min

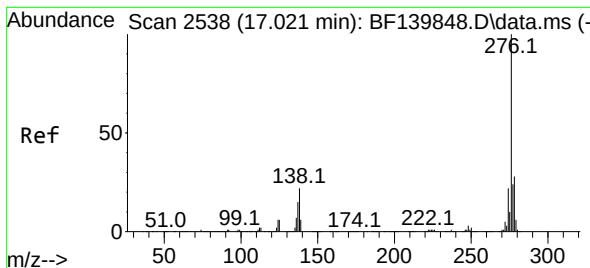
Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Tgt Ion:264 Resp: 256361

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.4	26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.447 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

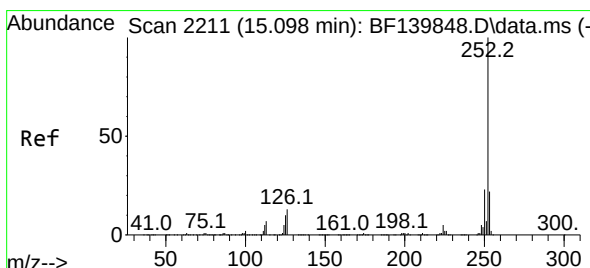
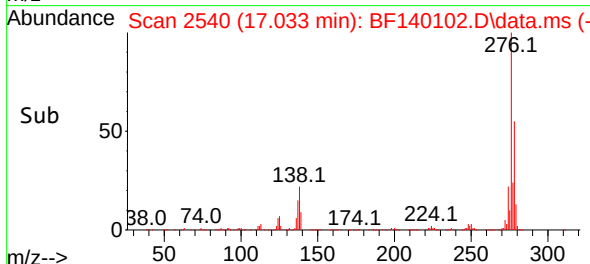
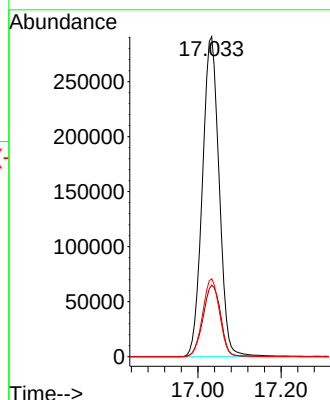
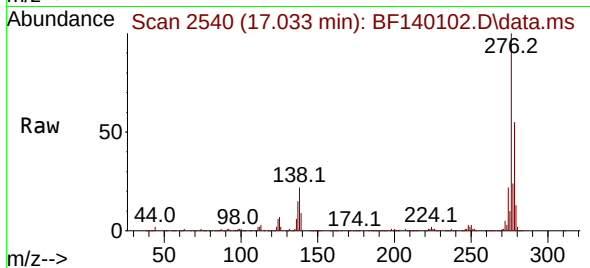
PB164461BS

Tgt Ion:276 Resp: 815498
 Ion Ratio Lower Upper
 276 100
 138 23.7 20.4 30.6
 277 24.8 20.2 30.4

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 44.675 ng

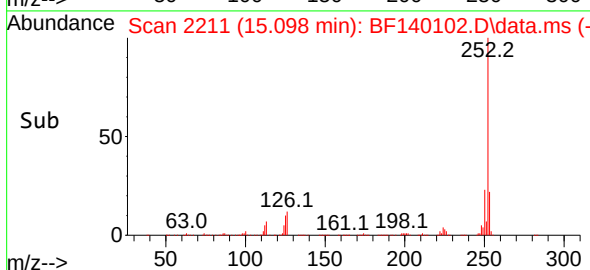
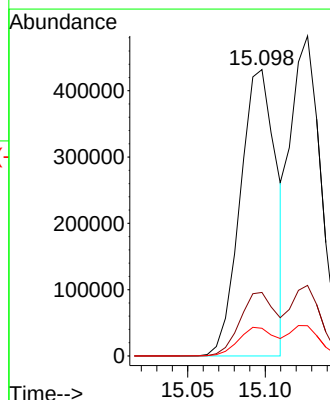
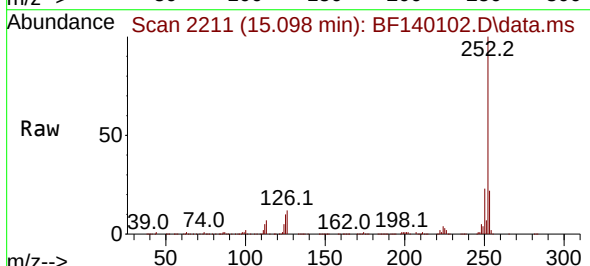
RT: 15.098 min Scan# 2211

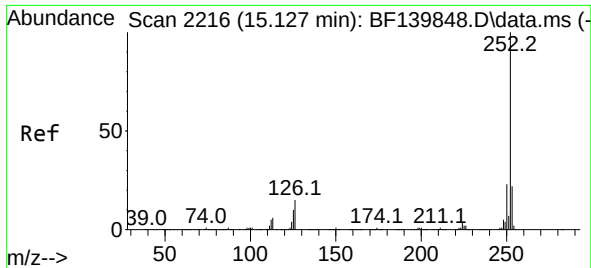
Delta R.T. 0.000 min

Lab File: BF140102.D

Acq: 29 Oct 2024 10:33

Tgt Ion:252 Resp: 697670
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 9.7 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 48.712 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

Instrument :

BNA_F

ClientSampleId :

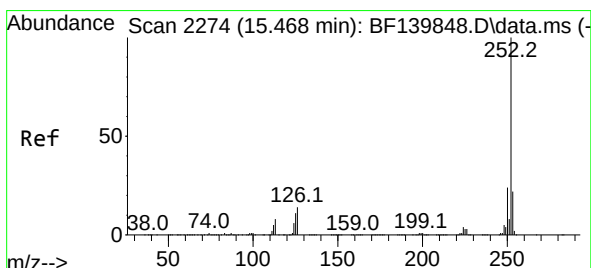
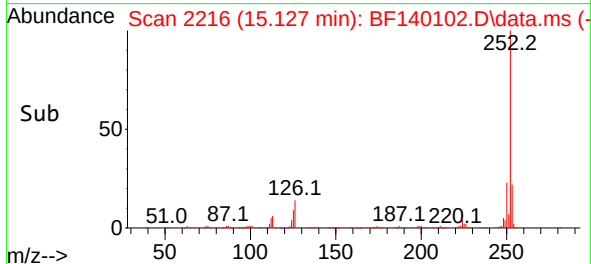
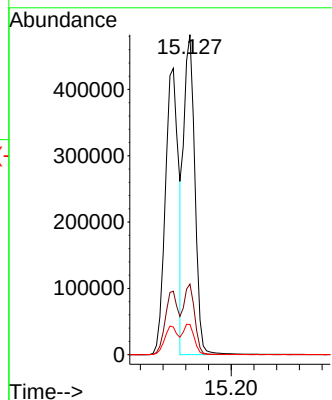
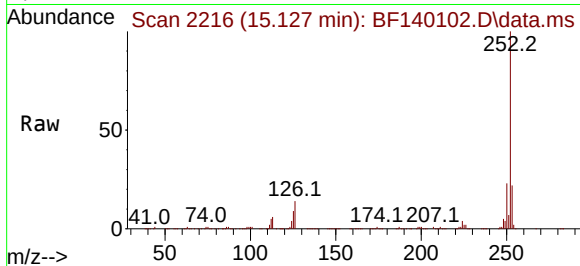
PB164461BS

Tgt Ion:252 Resp: 656050
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.5 7.9 11.9

Manual Integrations

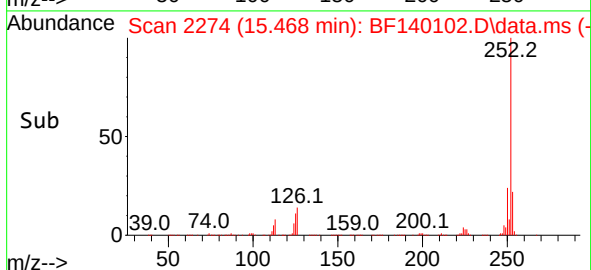
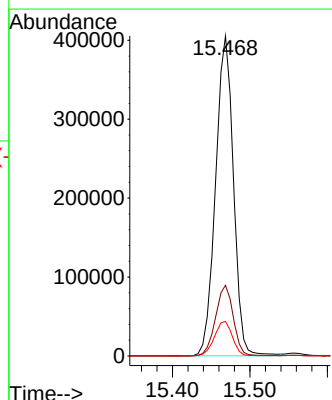
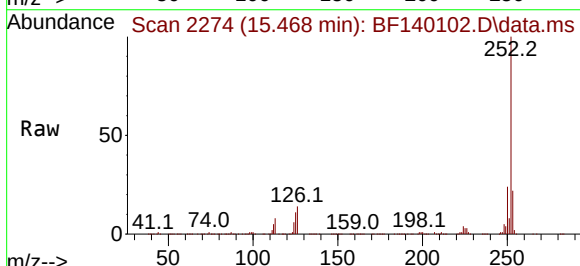
APPROVED

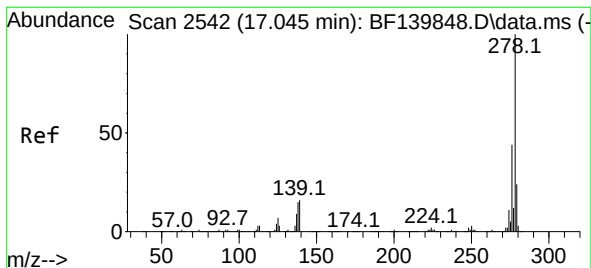
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 50.469 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

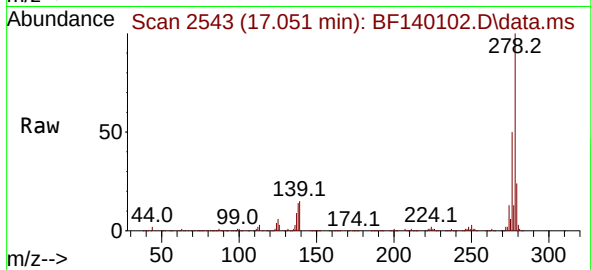
Tgt Ion:252 Resp: 648512
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.8 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 48.147 ng
RT: 17.051 min Scan# 2542
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33

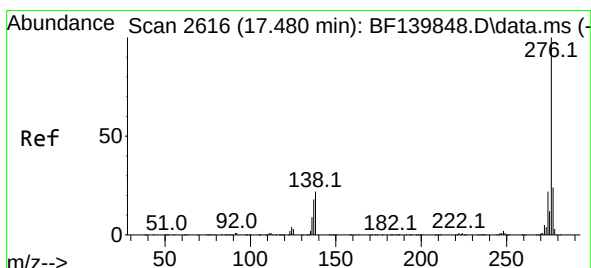
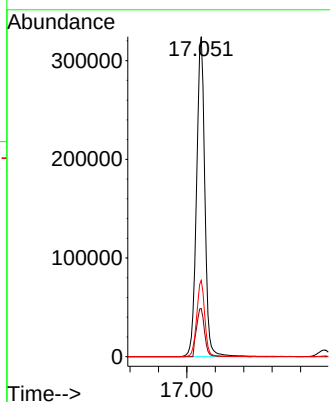
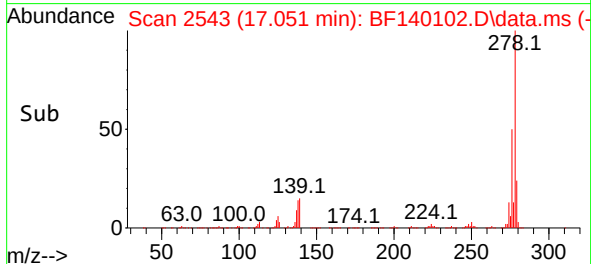
Instrument :
BNA_F
ClientSampleId :
PB164461BS



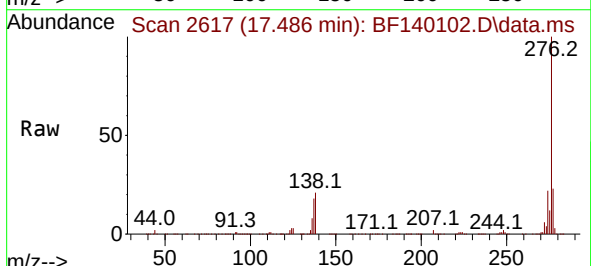
Tgt Ion:278 Resp: 662425
Ion Ratio Lower Upper
278 100
139 15.1 13.1 19.7
279 23.8 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.626 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140102.D
Acq: 29 Oct 2024 10:33



Tgt Ion:276 Resp: 627022
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 20.7 17.4 26.0

