

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140118.D
 Acq On : 29 Oct 2024 18:11
 Operator : RC/JU
 Sample : P4594-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17MSD

Manual Integrations APPROVED

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

Quant Time: Oct 30 01:02:56 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	6.886	152	136471	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	534539	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	298449	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	515265	20.000	ng	0.00
76) Chrysene-d12	14.062	240	259907	20.000	ng	0.01
86) Perylene-d12	15.574	264	284229	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	715216	82.044	ng	0.02
7) Phenol-d6	6.516	99	945395	83.733	ng	0.00
23) Nitrobenzene-d5	7.451	82	606029	62.836	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	274309	98.262	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1105890	61.240	ng	0.00
79) Terphenyl-d14	12.998	244	984383	61.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	140476	34.562	ng	99
3) Pyridine	3.522	79	364607	36.190	ng	99
4) n-Nitrosodimethylamine	3.481	42	207548	38.344	ng	# 98
6) Aniline	6.551	93	371389	35.295	ng	100
8) 2-Chlorophenol	6.675	128	379130	42.542	ng	99
9) Benzaldehyde	6.439	77	70817	11.150	ng	99
10) Phenol	6.528	94	495306m	42.552	ng	
11) bis(2-Chloroethyl)ether	6.622	93	377671	41.978	ng	99
12) 1,3-Dichlorobenzene	6.833	146	408583	39.939	ng	99
13) 1,4-Dichlorobenzene	6.910	146	413765	40.484	ng	99
14) 1,2-Dichlorobenzene	7.057	146	397942	41.718	ng	99
15) Benzyl Alcohol	7.028	79	364956	44.066	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	643431	41.942	ng	98
17) 2-Methylphenol	7.139	107	323535	42.575	ng	98
18) Hexachloroethane	7.404	117	151888	41.674	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	288166	42.082	ng	98
20) 3+4-Methylphenols	7.286	107	398180	40.965	ng	# 89
22) Acetophenone	7.298	105	533665	40.761	ng	99
24) Nitrobenzene	7.469	77	436717	41.300	ng	100
25) Isophorone	7.710	82	797960	43.591	ng	100
26) 2-Nitrophenol	7.786	139	202951	50.875	ng	99
27) 2,4-Dimethylphenol	7.816	122	321852	48.386	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	470244	42.400	ng	99
29) 2,4-Dichlorophenol	8.028	162	325837	43.006	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	336882	40.184	ng	99
31) Naphthalene	8.192	128	1133323	41.110	ng	99
32) Benzoic acid	7.939	122	242108	41.731	ng	99
33) 4-Chloroaniline	8.233	127	148658	15.814	ng	99
34) Hexachlorobutadiene	8.310	225	223573	42.444	ng	99
35) Caprolactam	8.610	113	106390m	44.162	ng	
36) 4-Chloro-3-methylphenol	8.716	107	365252	43.537	ng	99
37) 2-Methylnaphthalene	8.880	142	713182	42.240	ng	100
38) 1-Methylnaphthalene	8.980	142	667061	40.269	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	341416	42.403	ng	99
41) Hexachlorocyclopentadiene	9.039	237	389354	138.976	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	251790	44.170	ng	99

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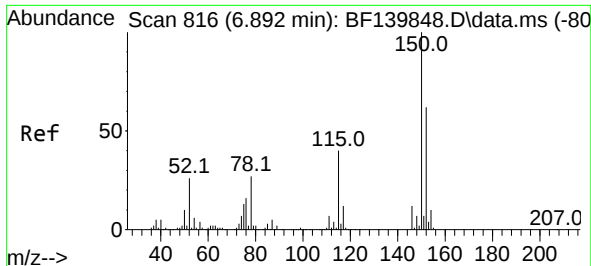
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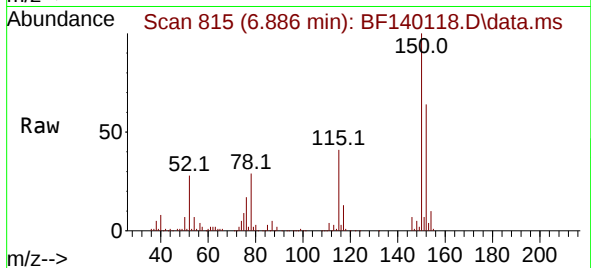
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	257198	43.731	ng	98
46) 1,1'-Biphenyl	9.351	154	878196	42.269	ng	99
47) 2-Chloronaphthalene	9.374	162	695826	41.583	ng	99
48) 2-Nitroaniline	9.469	65	245632	47.995	ng	95
49) Acenaphthylene	9.792	152	1082787	44.758	ng	99
50) Dimethylphthalate	9.651	163	826787	44.475	ng	100
51) 2,6-Dinitrotoluene	9.710	165	184892	45.935	ng	99
52) Acenaphthene	9.963	154	761393	48.653	ng	100
53) 3-Nitroaniline	9.874	138	111215	26.794	ng	100
54) 2,4-Dinitrophenol	9.986	184	206930	120.169	ng	# 1
55) Dibenzofuran	10.133	168	950682	42.340	ng	99
56) 4-Nitrophenol	10.039	139	280111	87.714	ng	98
57) 2,4-Dinitrotoluene	10.116	165	248556	50.216	ng	98
58) Fluorene	10.480	166	731520	42.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	210924	45.748	ng	98
60) Diethylphthalate	10.351	149	810344	44.396	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	370614	42.913	ng	100
62) 4-Nitroaniline	10.498	138	173342	44.217	ng	97
63) Azobenzene	10.627	77	921250	47.609	ng	98
65) 4,6-Dinitro-2-methylph...	10.521	198	136580	64.984	ng	97
66) n-Nitrosodiphenylamine	10.586	169	678223	43.978	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	237663	44.773	ng	99
68) Hexachlorobenzene	11.027	284	260568	43.647	ng	97
69) Atrazine	11.116	200	218415	52.283	ng	99
70) Pentachlorophenol	11.216	266	304322	83.993	ng	99
71) Phenanthrene	11.439	178	1038531	42.670	ng	100
72) Anthracene	11.492	178	1054254	44.395	ng	100
73) Carbazole	11.645	167	890122	40.304	ng	100
74) Di-n-butylphthalate	11.974	149	1155910	45.301	ng	100
75) Fluoranthene	12.627	202	960290	39.029	ng	99
77) Benzidine	12.745	184	285892	66.895	ng	99
78) Pyrene	12.857	202	953914	41.929	ng	100
80) Butylbenzylphthalate	13.474	149	367560	53.889	ng	99
81) Benzo(a)anthracene	14.057	228	745720	44.076	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	162112	32.863	ng	99
83) Chrysene	14.092	228	684921	44.152	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	458318	59.892	ng	99
85) Di-n-octyl phthalate	14.680	149	769095	55.256	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	826334	45.191	ng	98
88) Benzo(b)fluoranthene	15.133	252	737939	42.621	ng	99
89) Benzo(k)fluoranthene	15.168	252	643033	43.064	ng	100
90) Benzo(a)pyrene	15.509	252	671660	47.146	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	673094	44.126	ng	98
92) Benzo(g,h,i)perylene	17.539	276	613365	40.256	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

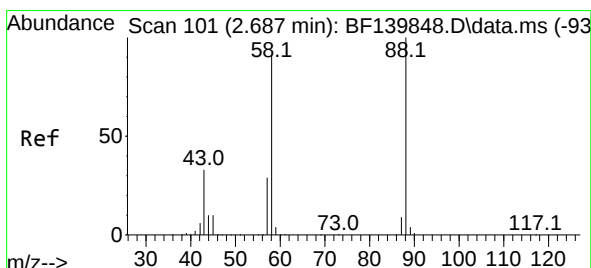
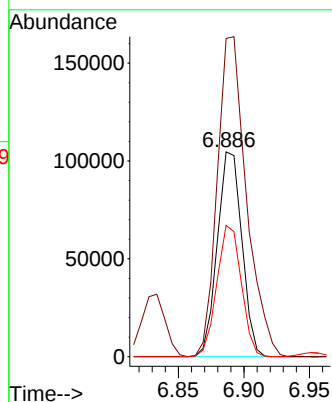
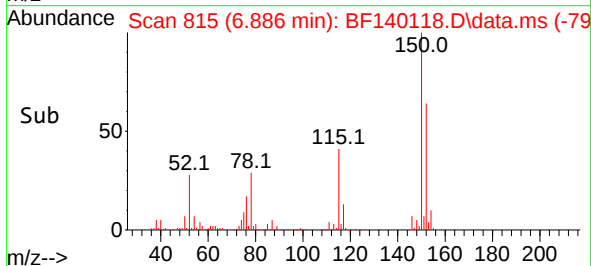
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:152 Resp: 13647
Ion Ratio Lower Upper
152 100
150 155.4 130.2 195.2
115 64.1 51.4 77.2

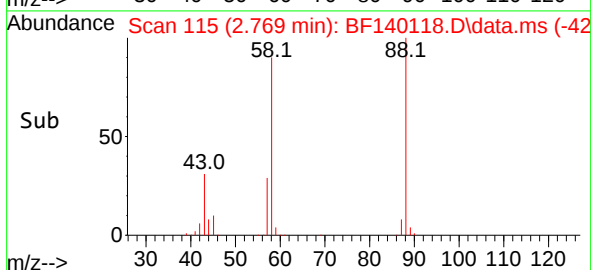
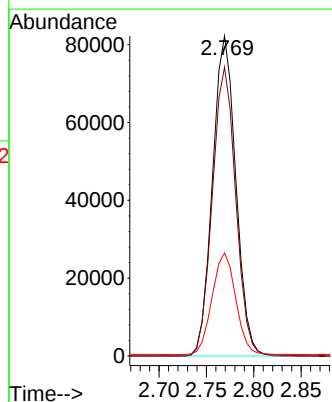
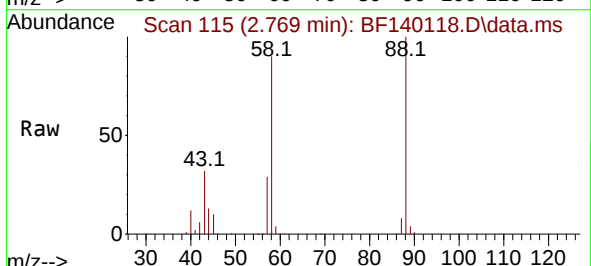
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#2
1,4-Dioxane
Concen: 34.562 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.082 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion: 88 Resp: 140476
Ion Ratio Lower Upper
88 100
58 90.8 73.3 109.9
43 32.3 27.1 40.7





#3

Pyridine

Concen: 36.190 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.076 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

Tgt Ion: 79 Resp: 36460

Ion Ratio Lower Upper

79 100

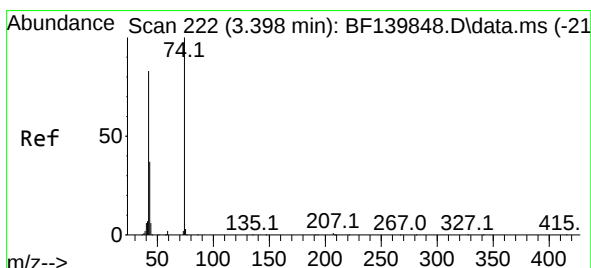
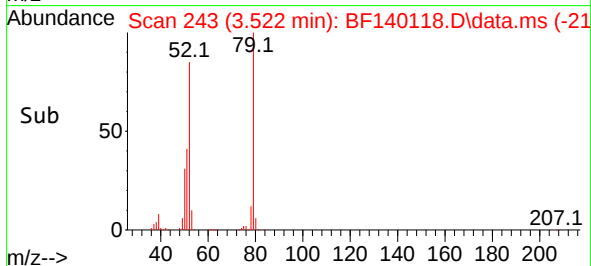
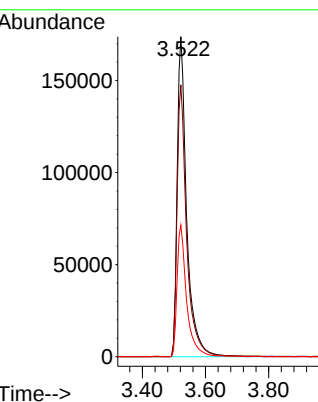
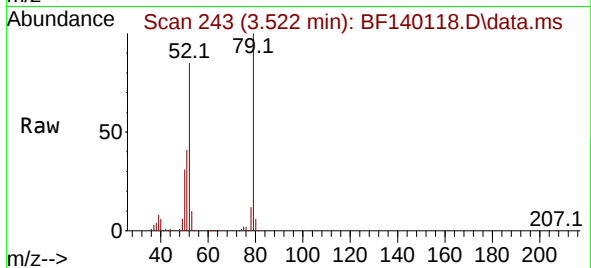
52 84.9 68.5 102.7

51 41.1 32.3 48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.344 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.082 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

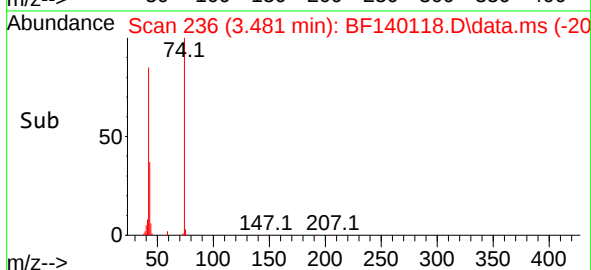
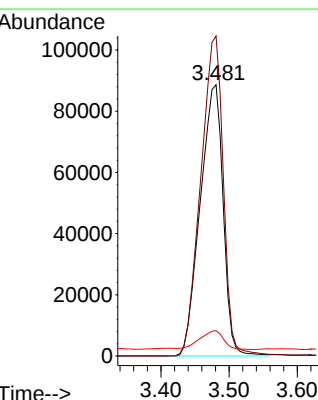
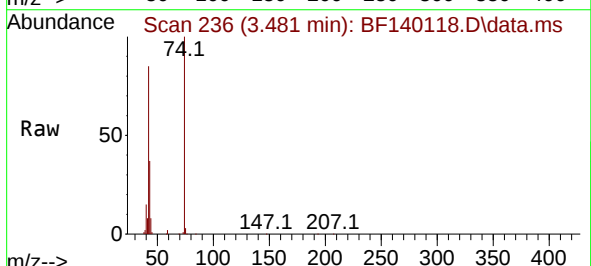
Tgt Ion: 42 Resp: 207548

Ion Ratio Lower Upper

42 100

74 118.0 96.2 144.4

44 9.3 6.2 9.2#





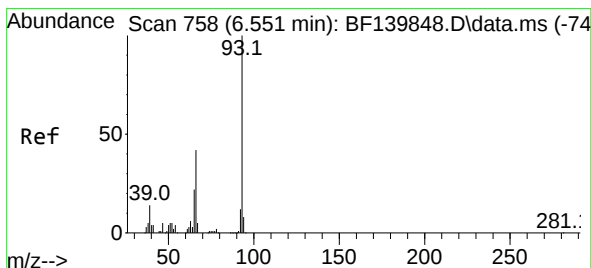
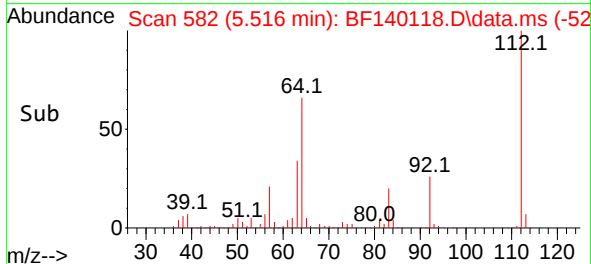
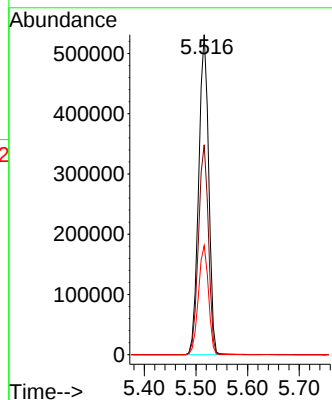
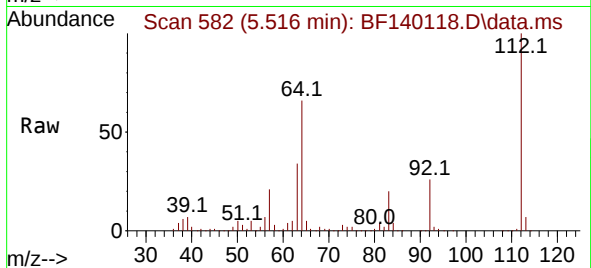
#5
2-Fluorophenol
Concen: 82.044 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
BP-F17MSD

Tgt Ion:112 Resp: 715210
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 34.1 27.0 40.4

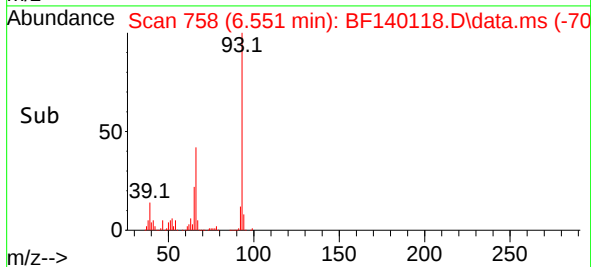
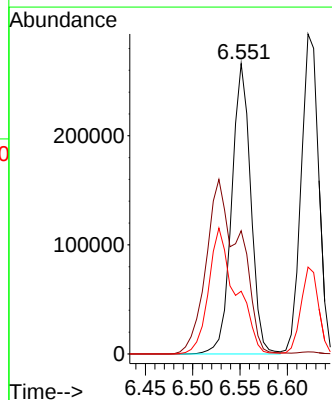
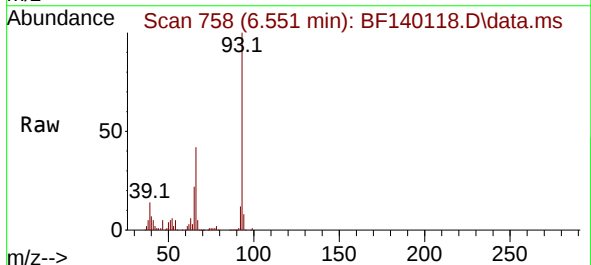
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#6
Aniline
Concen: 35.295 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

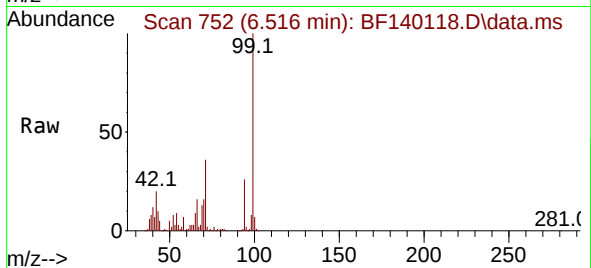
Tgt Ion: 93 Resp: 371389
Ion Ratio Lower Upper
93 100
66 42.4 34.0 51.0
65 21.6 17.4 26.0





#7
Phenol-d6
Concen: 83.733 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

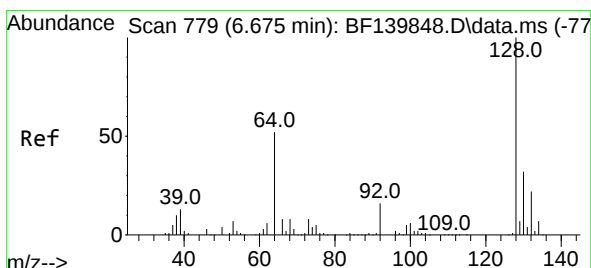
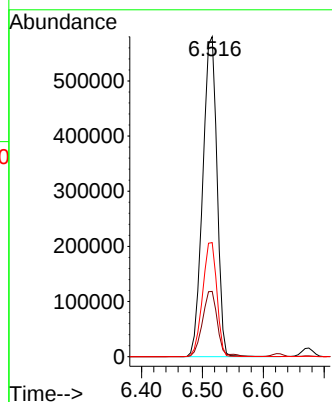
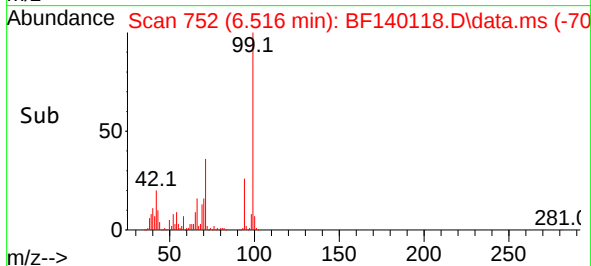
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 94539
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 35.7 27.7 41.5

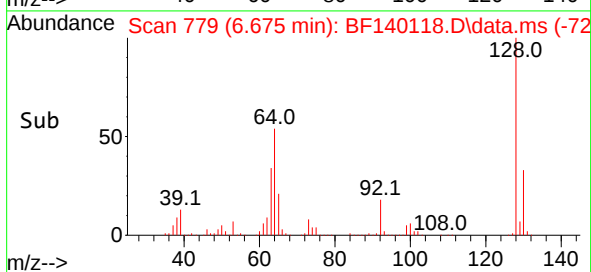
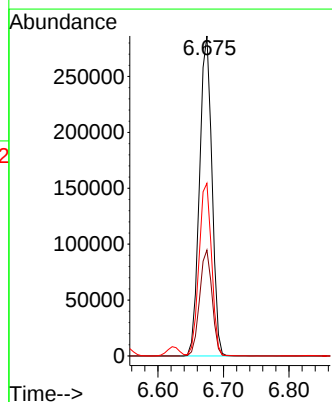
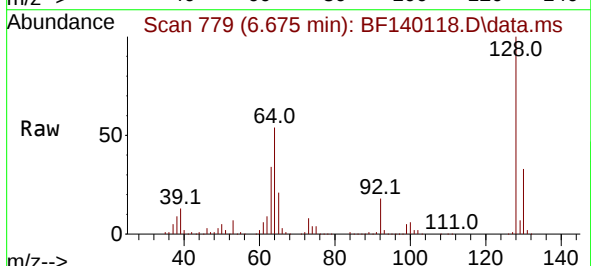
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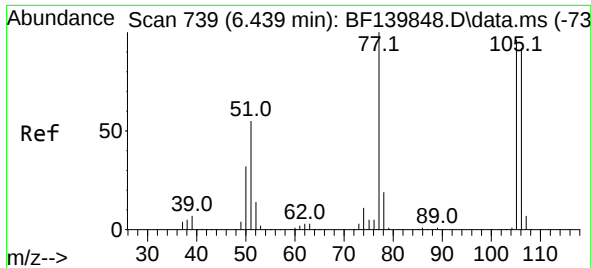
Reviewed By :Jagrut Upadhyay 10/30/2024
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#8
2-Chlorophenol
Concen: 42.542 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:128 Resp: 379130
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 53.9 34.6 74.6





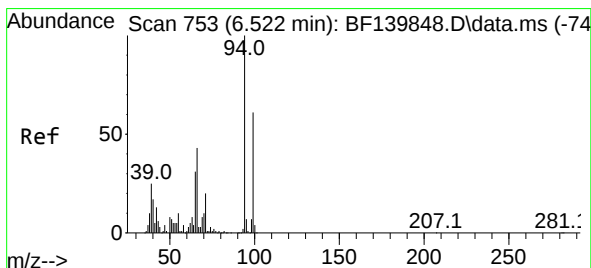
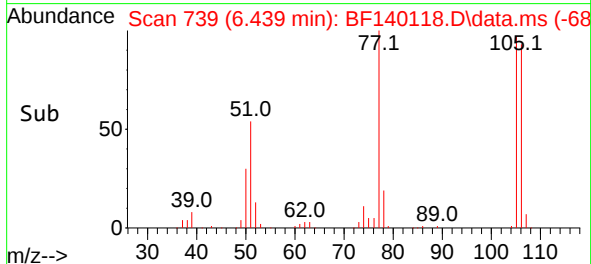
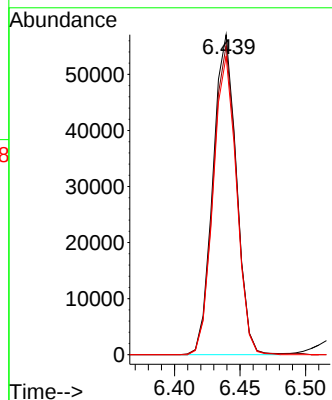
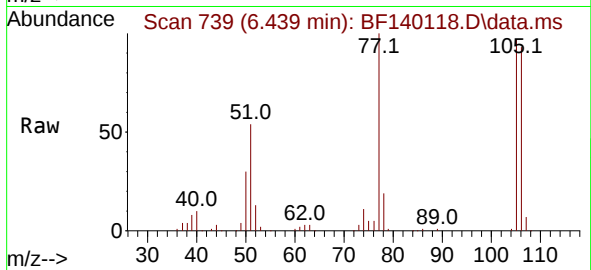
#9
Benzaldehyde
Concen: 11.150 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
BP-F17MSD

Tgt Ion: 77 Resp: 7081
Ion Ratio Lower Upper
77 100
105 96.6 75.5 115.5
106 93.2 71.7 111.7

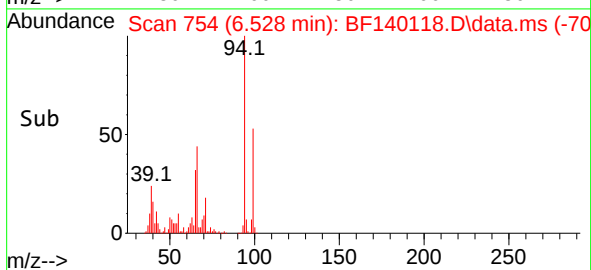
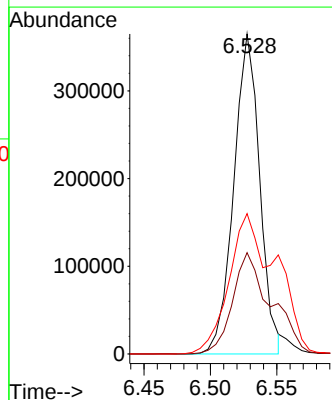
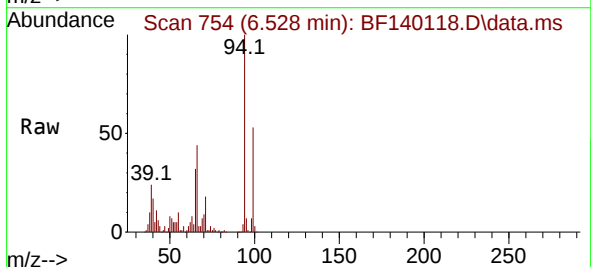
Manual Integrations
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Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 42.552 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

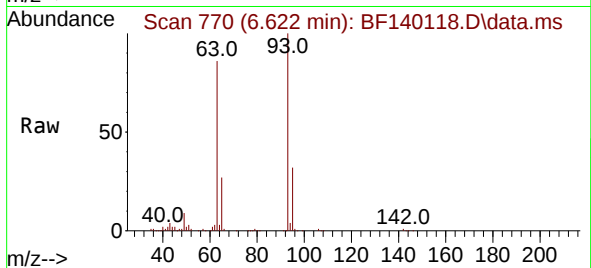
Tgt Ion: 94 Resp: 495306
Ion Ratio Lower Upper
94 100
65 31.6 11.1 51.1
66 43.9 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 41.978 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

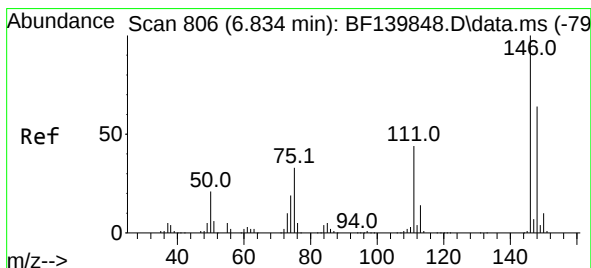
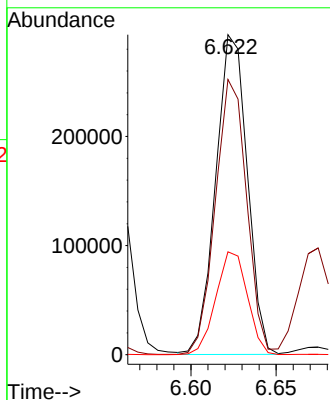
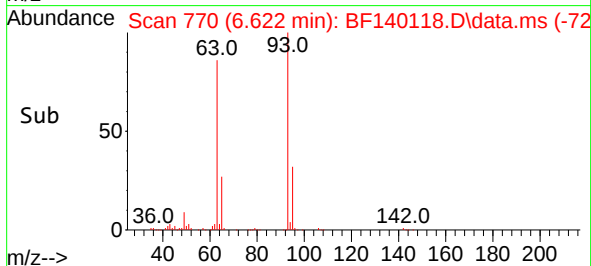
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion: 93 Resp: 37767
Ion Ratio Lower Upper
93 100
63 86.0 65.0 105.0
95 32.2 12.4 52.4

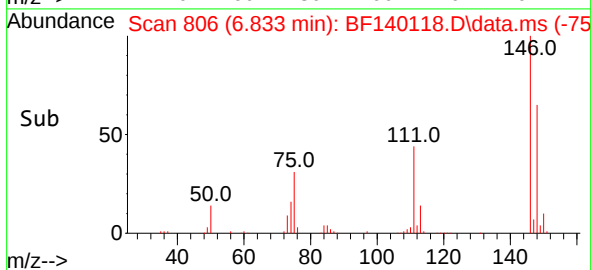
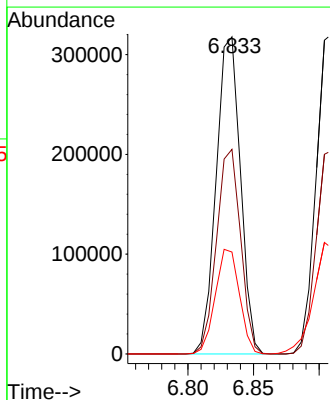
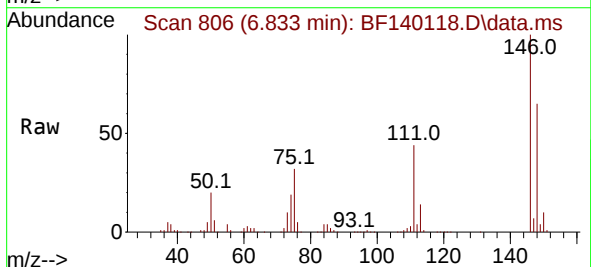
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 39.939 ng
RT: 6.833 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:146 Resp: 408583
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 32.1 26.4 39.6





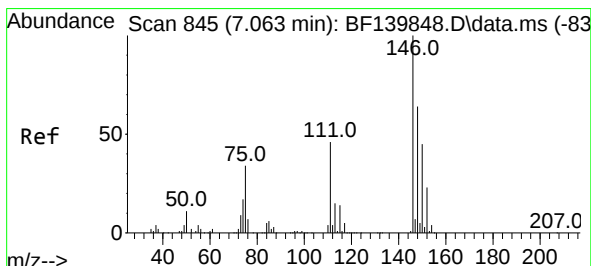
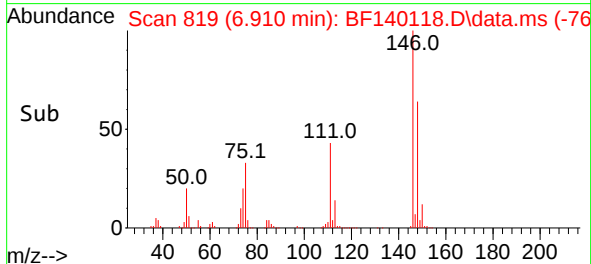
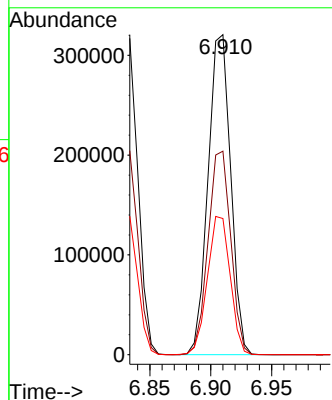
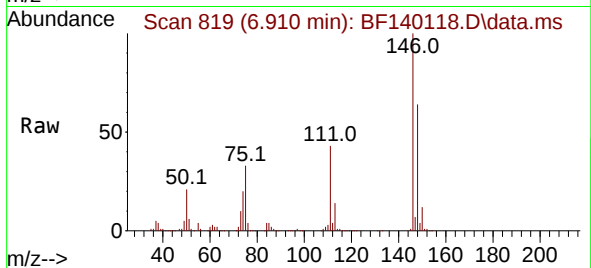
#13
1,4-Dichlorobenzene
Concen: 40.484 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :
BNA_F
ClientSampleId :
BP-F17MSD

Tgt Ion:146 Resp: 41376
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 42.6 34.6 51.8

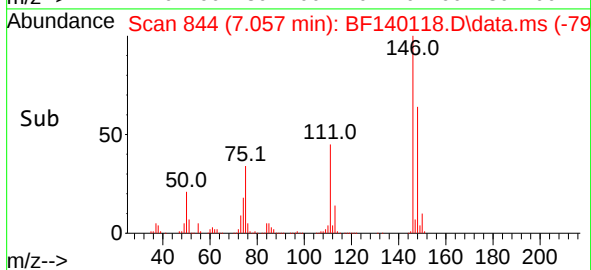
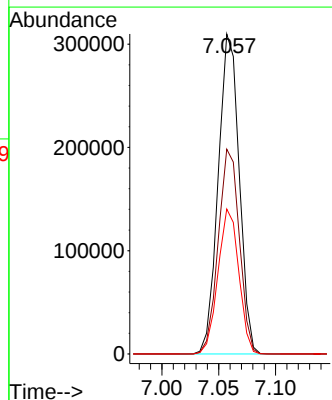
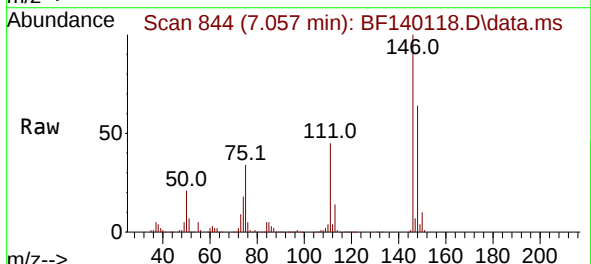
Manual Integrations
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Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 41.718 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:146 Resp: 397942
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 45.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 44.066 ng

RT: 7.028 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

Tgt Ion: 79 Resp: 364950

Ion Ratio Lower Upper

79 100

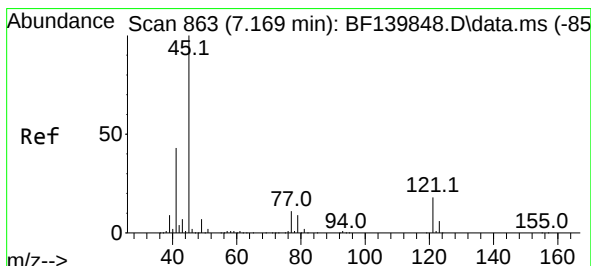
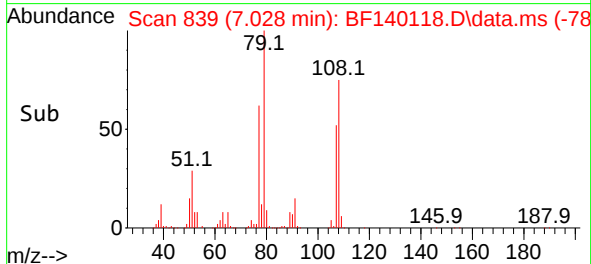
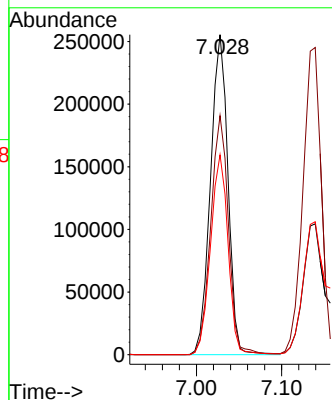
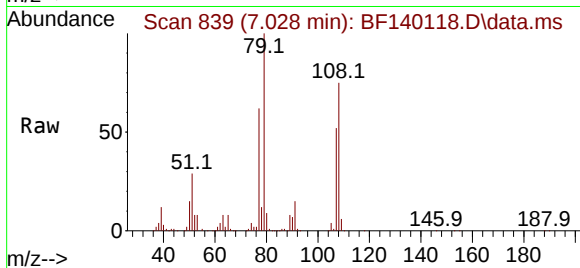
108 74.7 61.4 92.0

77 62.4 49.9 74.9

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2024



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.942 ng

RT: 7.163 min Scan# 862

Delta R.T. -0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

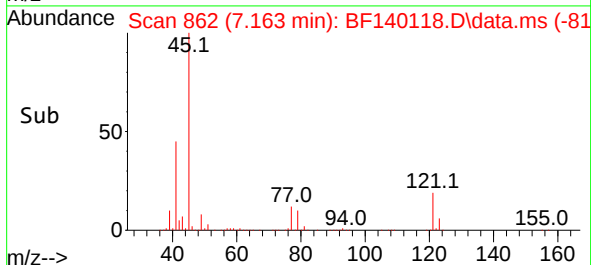
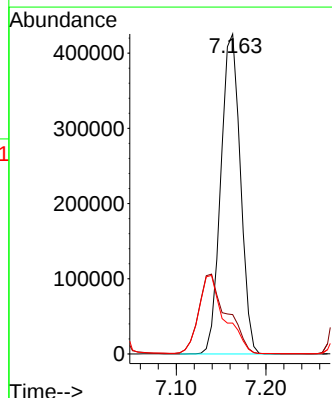
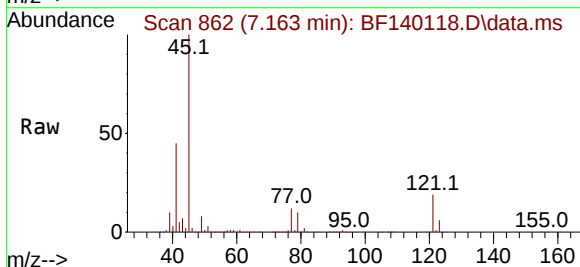
Tgt Ion: 45 Resp: 643431

Ion Ratio Lower Upper

45 100

77 12.3 0.0 31.5

79 9.6 0.0 29.1





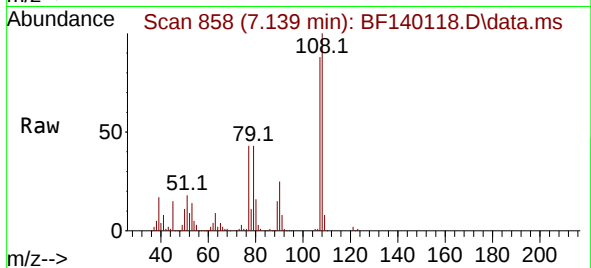
#17
2-Methylphenol
Concen: 42.575 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

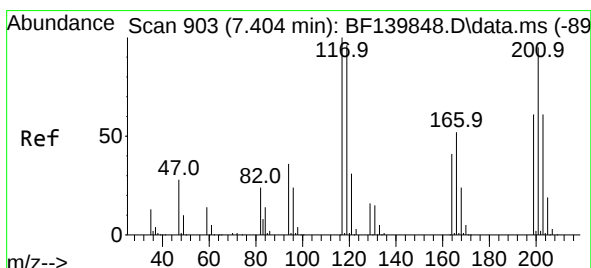
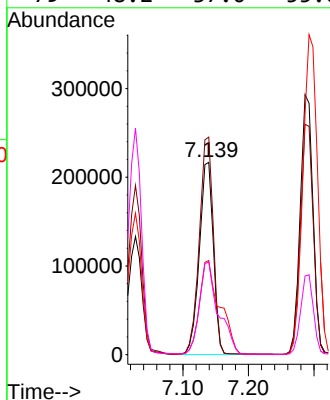
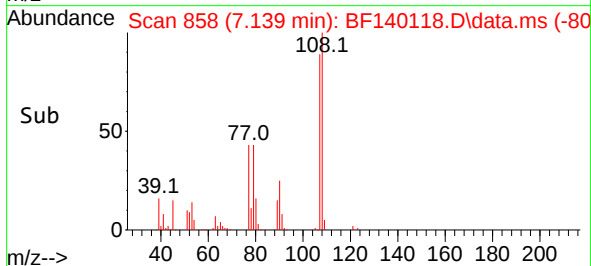


Tgt Ion:107 Resp: 32353
Ion Ratio Lower Upper
107 100
108 113.1 91.3 136.9
77 48.9 37.1 55.7
79 48.2 37.0 55.6

Manual Integrations

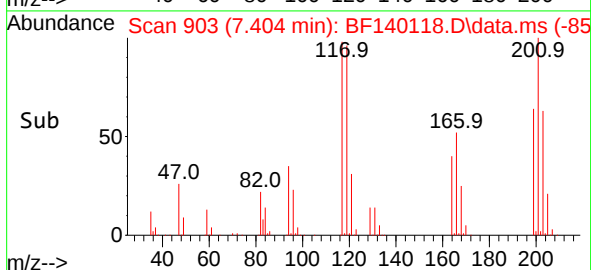
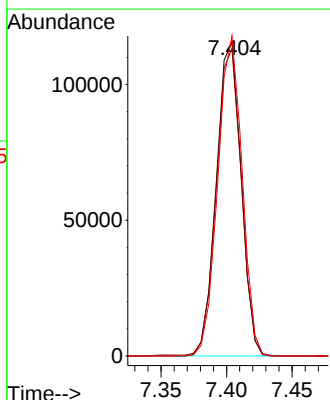
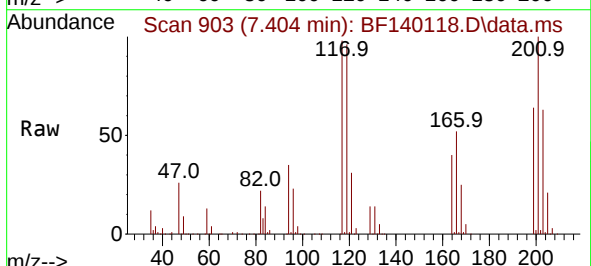
APPROVED

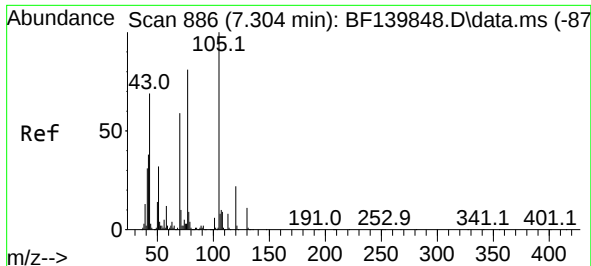
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 41.674 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:117 Resp: 151888
Ion Ratio Lower Upper
117 100
119 97.8 77.0 115.4
201 101.8 76.2 114.4





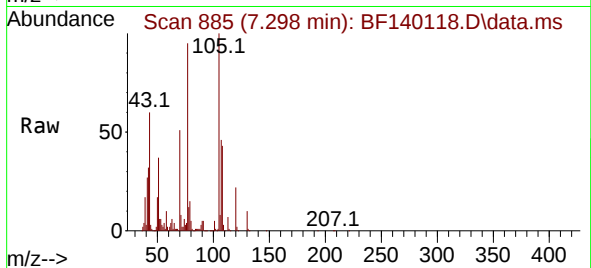
#19
n-Nitroso-di-n-propylamine
Concen: 42.082 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

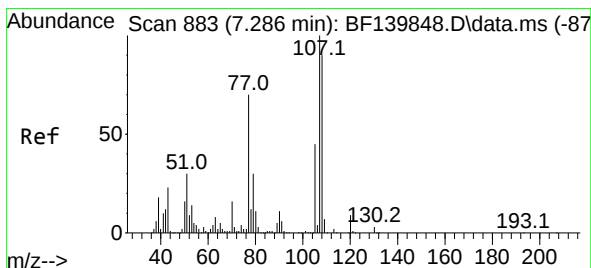
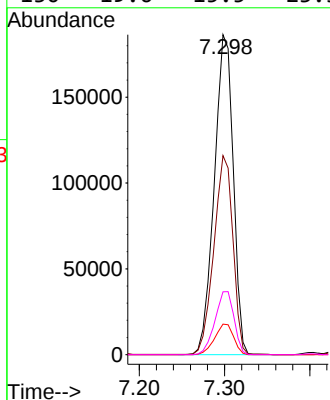
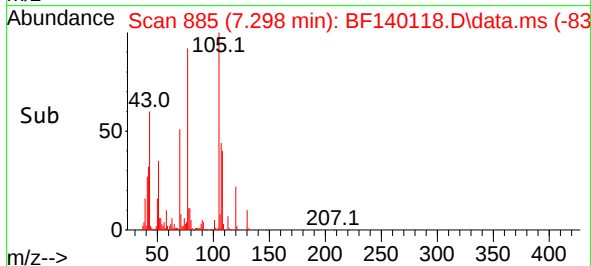


Tgt Ion:	70	Resp:	288160
Ion	Ratio	Lower	Upper
70	100		
42	62.2	51.5	77.3
101	9.6	7.5	11.3
130	19.6	15.5	23.3

Manual Integrations

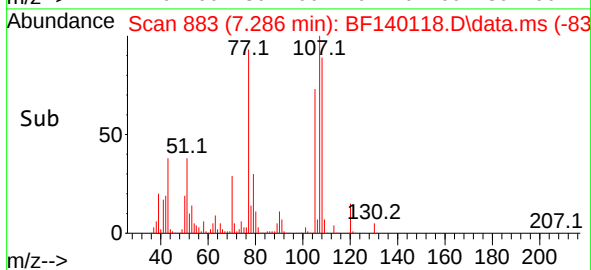
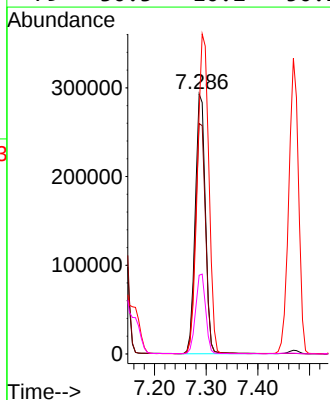
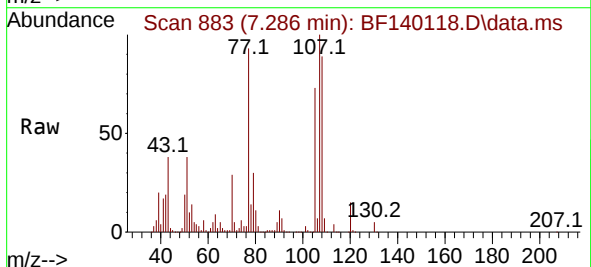
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#20
3+4-Methylphenols
Concen: 40.965 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

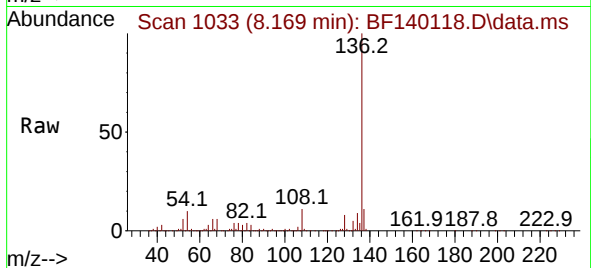
Tgt Ion:	107	Resp:	398180
Ion	Ratio	Lower	Upper
107	100		
108	88.6	69.8	109.8
77	92.9	50.5	90.5#
79	30.3	10.2	50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

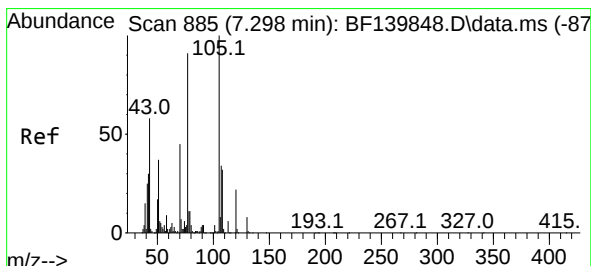
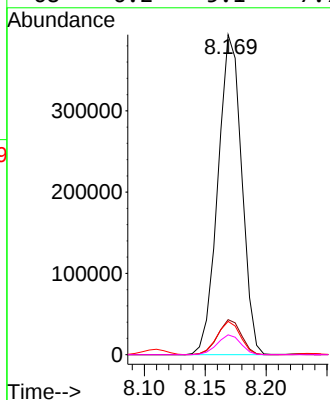
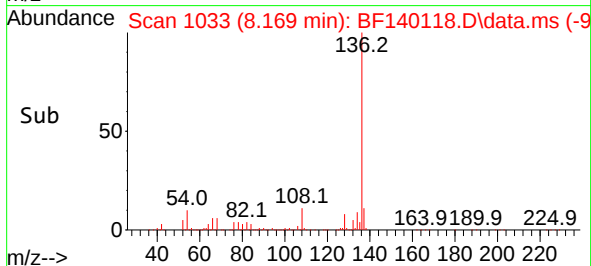
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:136 Resp: 534539
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.4 8.4 12.6
68 6.2 5.1 7.7

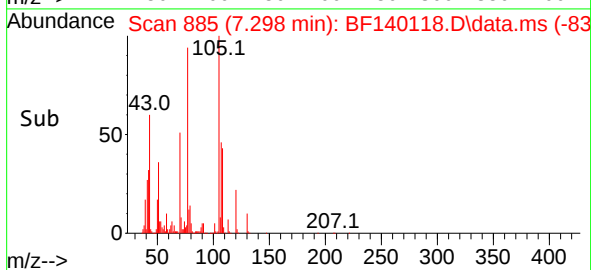
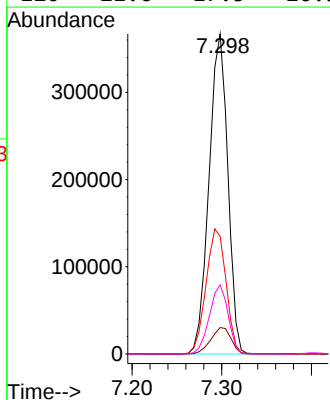
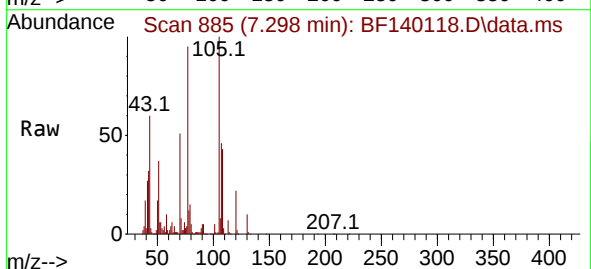
Manual Integrations
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Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 40.761 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:105 Resp: 533665
Ion Ratio Lower Upper
105 100
71 8.3 5.9 8.9
51 36.8 29.4 44.2
120 21.6 17.5 26.3





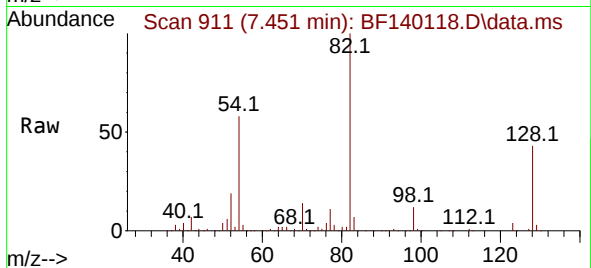
#23
Nitrobenzene-d5
Concen: 62.836 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

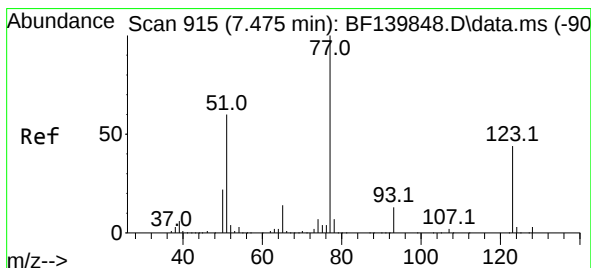
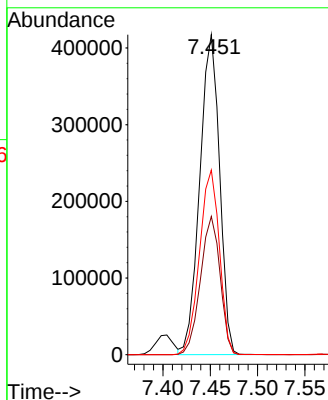
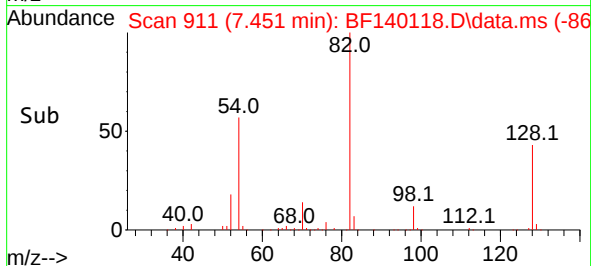


Tgt Ion: 82 Resp: 606029
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.0
54 57.7 47.8 71.8

Manual Integrations

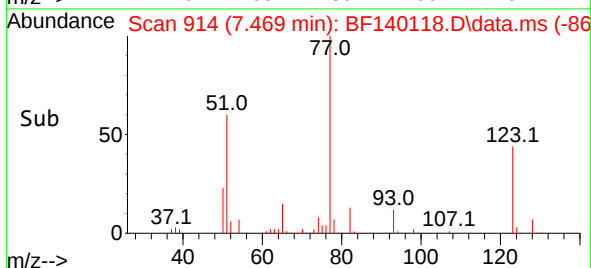
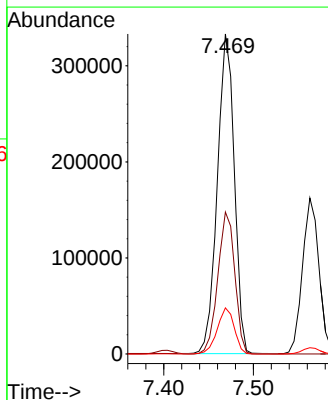
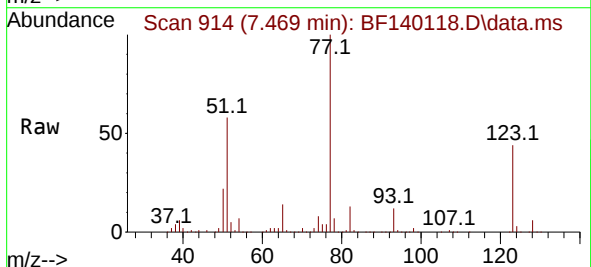
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Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 41.300 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

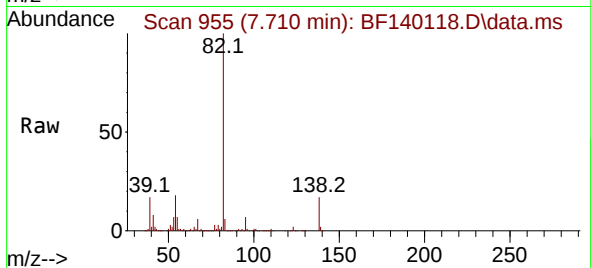
Tgt Ion: 77 Resp: 436717
Ion Ratio Lower Upper
77 100
123 44.4 35.7 53.5
65 14.4 11.5 17.3





#25
Isophorone
Concen: 43.591 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

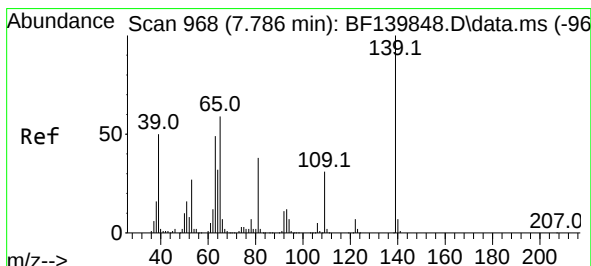
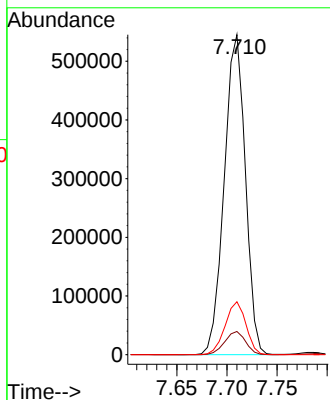
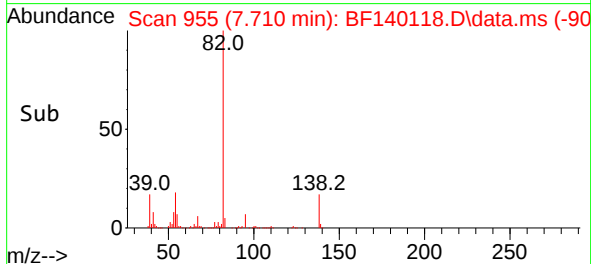
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion: 82 Resp: 797960
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.5 13.2 19.8

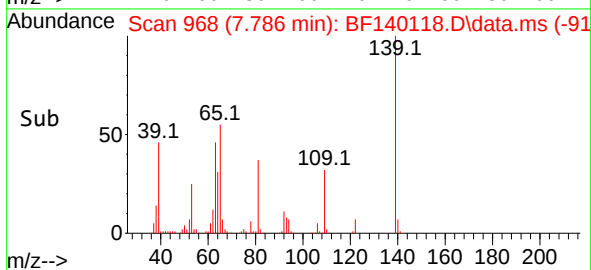
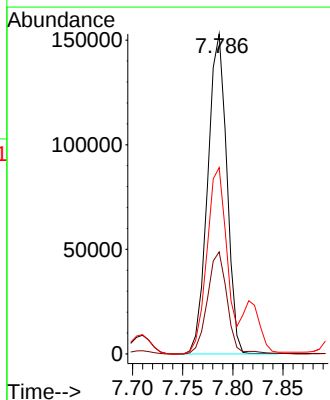
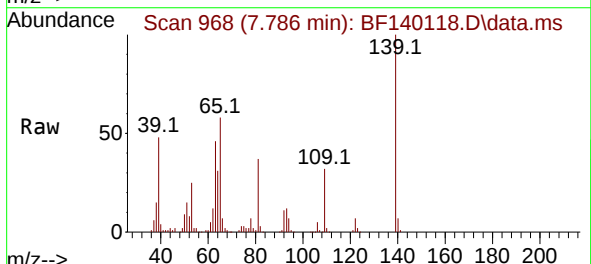
Manual Integrations
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Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 50.875 ng
RT: 7.786 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

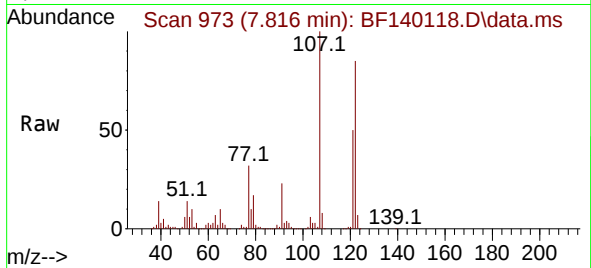
Tgt Ion:139 Resp: 202951
Ion Ratio Lower Upper
139 100
109 31.9 25.1 37.7
65 58.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 48.386 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

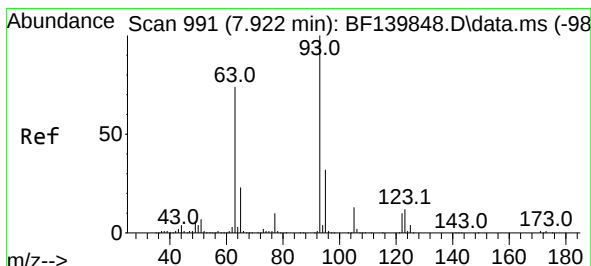
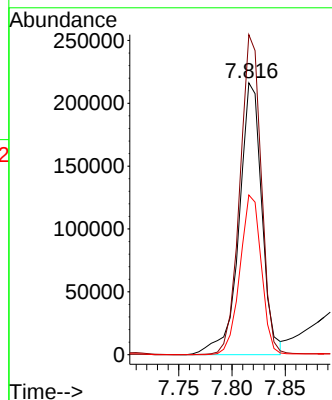
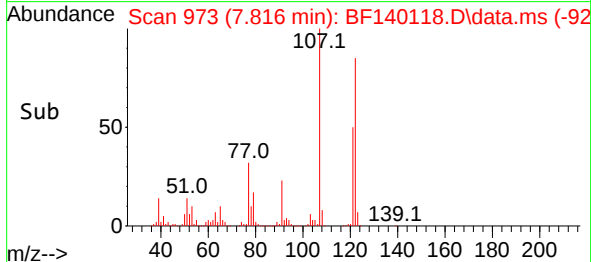
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:122 Resp: 321852
Ion Ratio Lower Upper
122 100
107 117.7 91.9 137.9
121 58.8 46.2 69.4

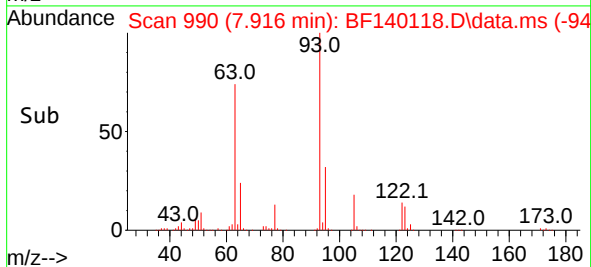
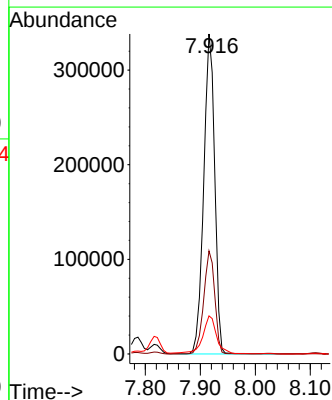
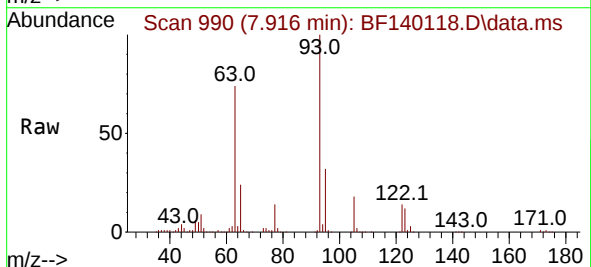
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 42.400 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion: 93 Resp: 470244
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 11.9 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 43.006 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

Tgt Ion:162 Resp: 32583

Ion Ratio Lower Upper

162 100

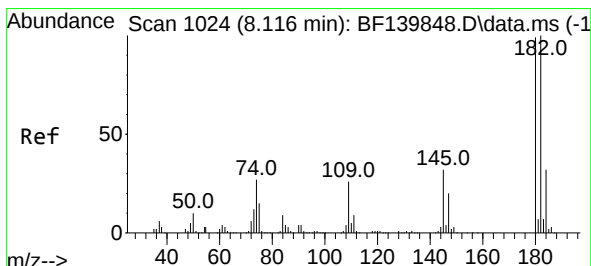
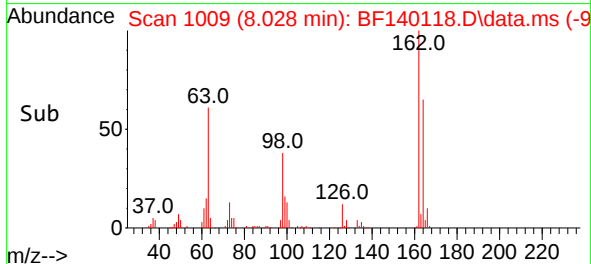
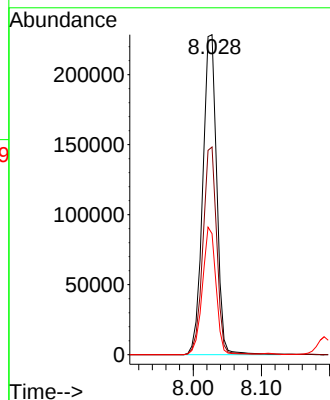
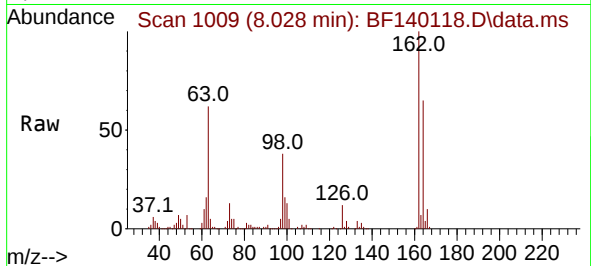
164 64.9 43.9 83.9

98 37.8 19.9 59.9

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 40.184 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

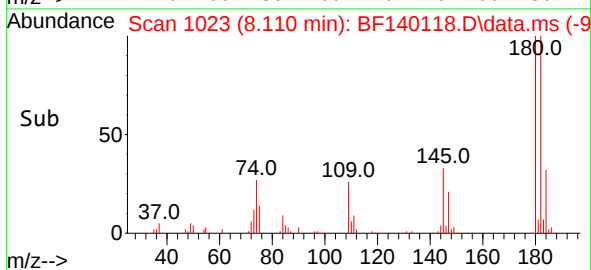
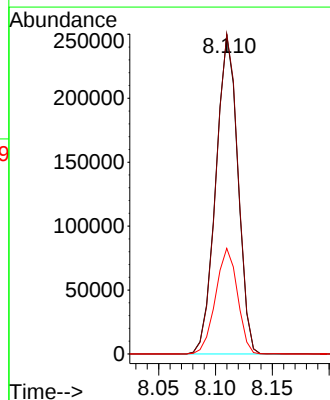
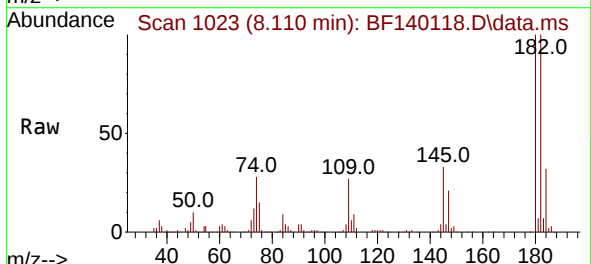
Tgt Ion:180 Resp: 336882

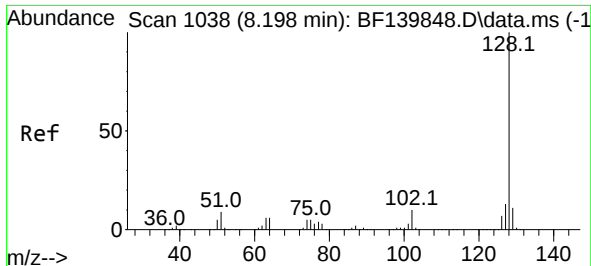
Ion Ratio Lower Upper

180 100

182 100.3 80.5 120.7

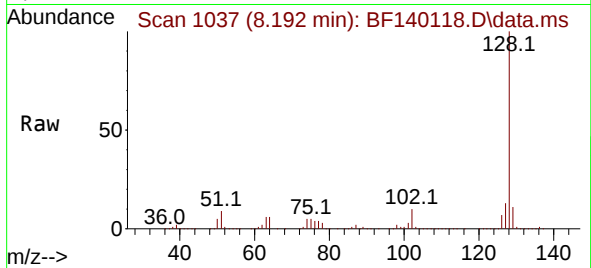
145 33.1 25.4 38.0





#31
Naphthalene
Concen: 41.110 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

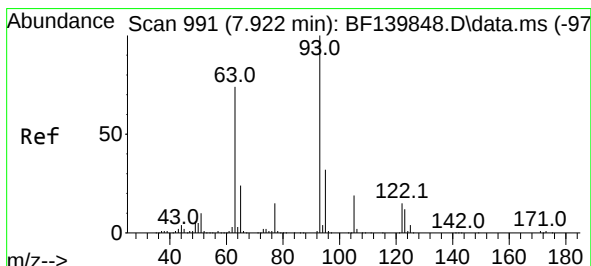
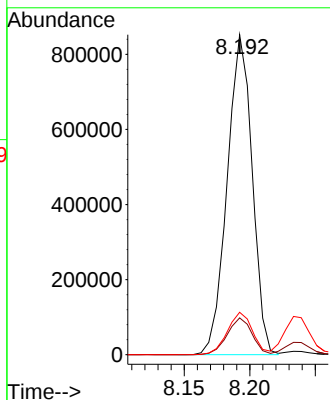
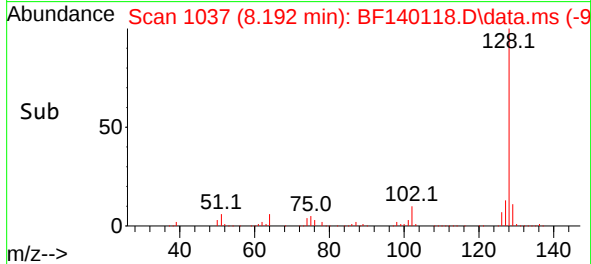
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:128 Resp: 113332
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.6 16.0

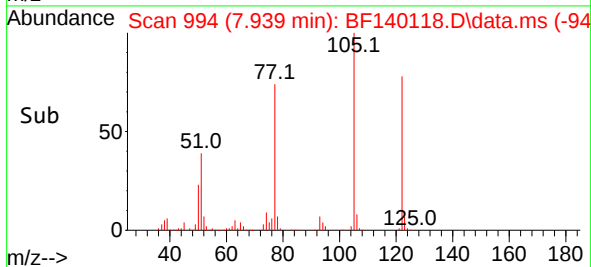
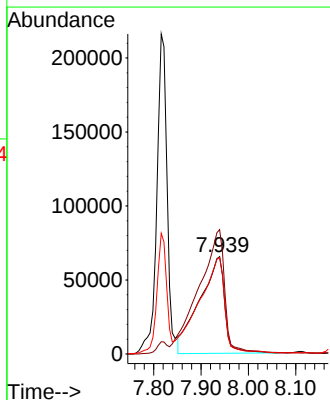
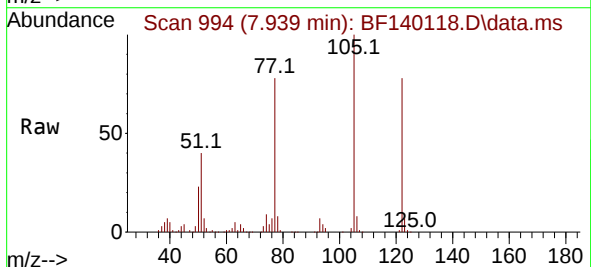
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 41.731 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

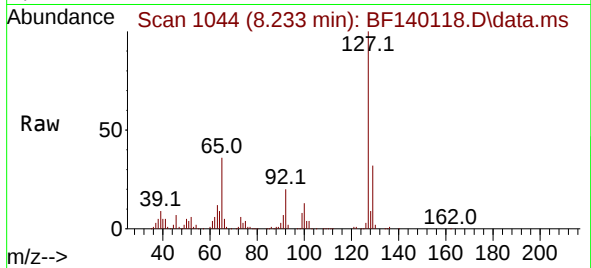
Tgt Ion:122 Resp: 242108
Ion Ratio Lower Upper
122 100
105 127.8 107.6 147.6
77 99.2 80.2 120.2





#33
4-Chloroaniline
Concen: 15.814 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

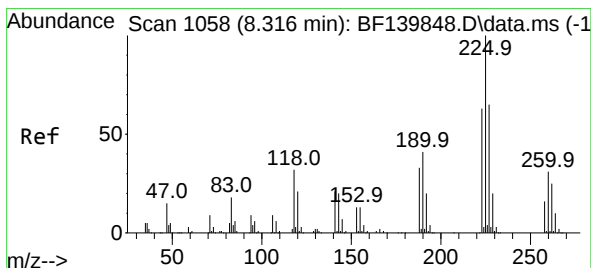
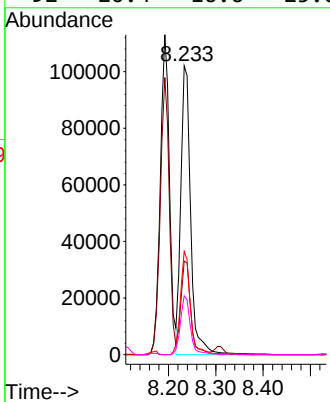
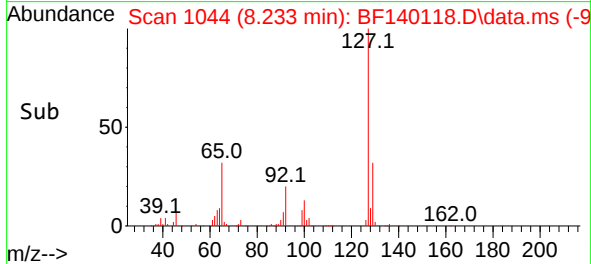
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:127 Resp: 148658
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2
65 35.7 28.4 42.6
92 20.4 16.6 25.0

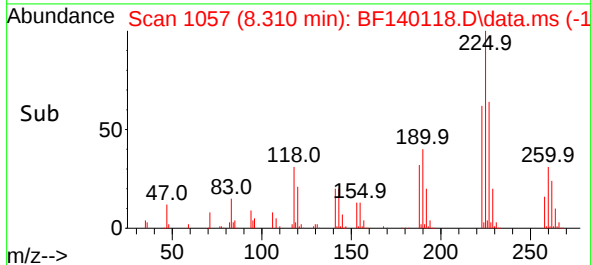
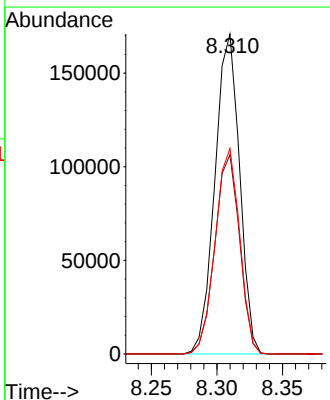
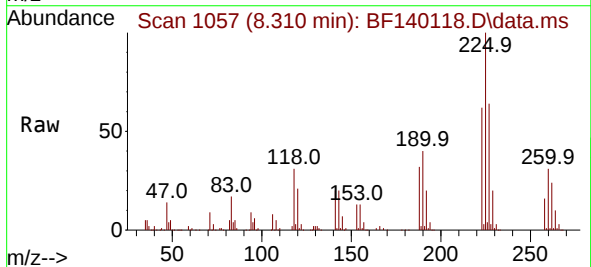
Manual Integrations
APPROVED

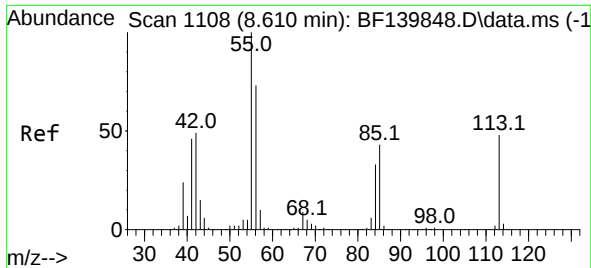
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 42.444 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

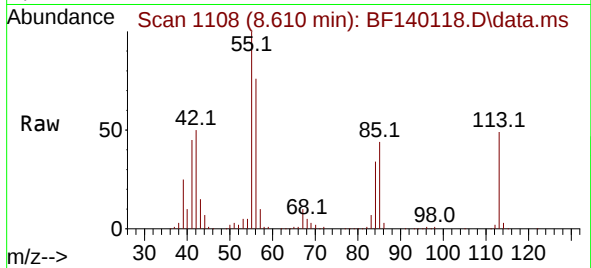
Tgt Ion:225 Resp: 223573
Ion Ratio Lower Upper
225 100
223 62.3 50.6 76.0
227 64.2 51.8 77.8





#35
Caprolactam
Concen: 44.162 ng m
RT: 8.610 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

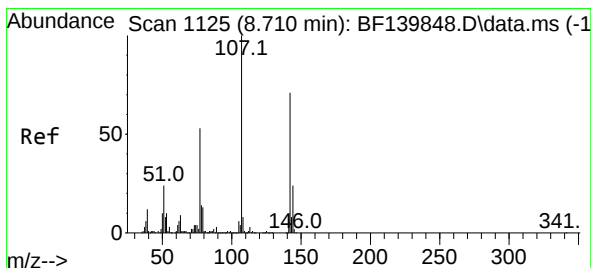
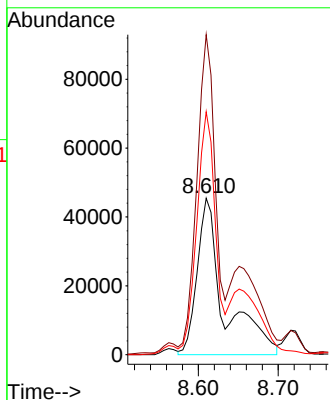
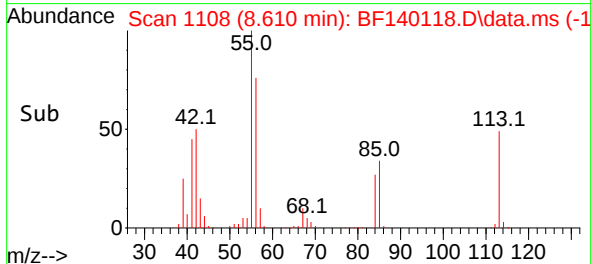
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:113 Resp: 106390
Ion Ratio Lower Upper
113 100
55 204.5 189.2 229.2
56 155.2 132.5 172.5

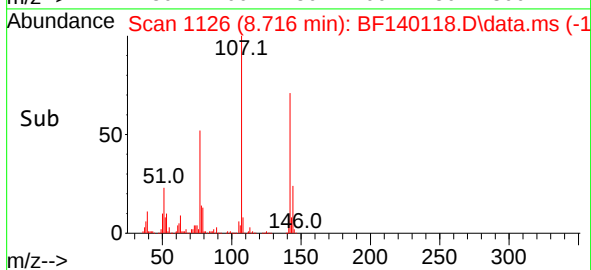
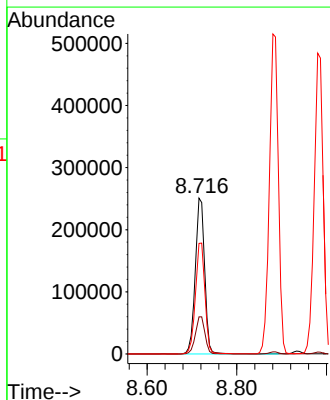
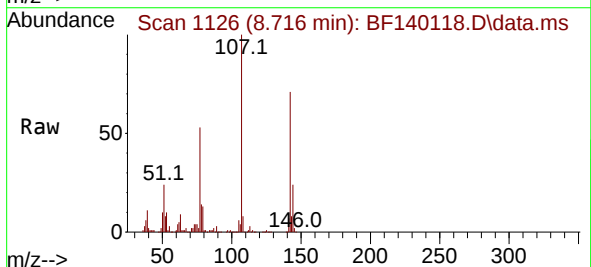
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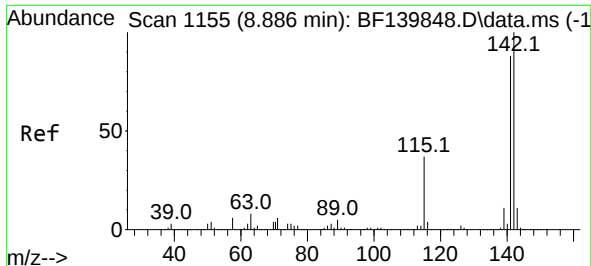
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 43.537 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:107 Resp: 365252
Ion Ratio Lower Upper
107 100
144 23.8 19.1 28.7
142 70.9 57.2 85.8





#37

2-Methylnaphthalene

Concen: 42.240 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

Tgt Ion:142 Resp: 71318

Ion Ratio Lower Upper

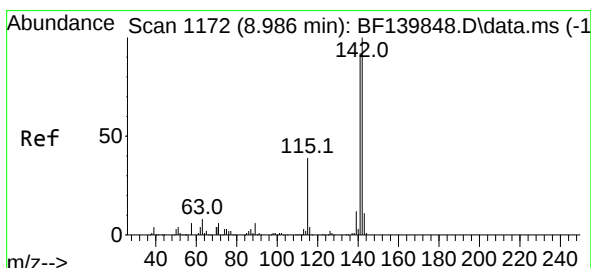
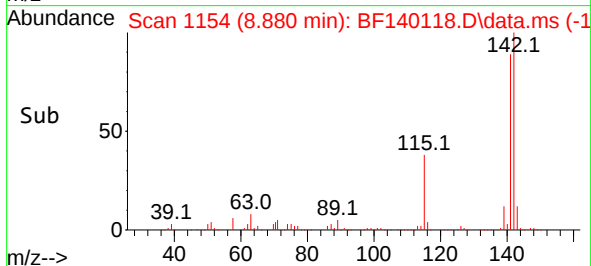
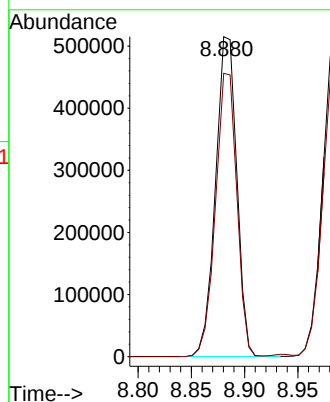
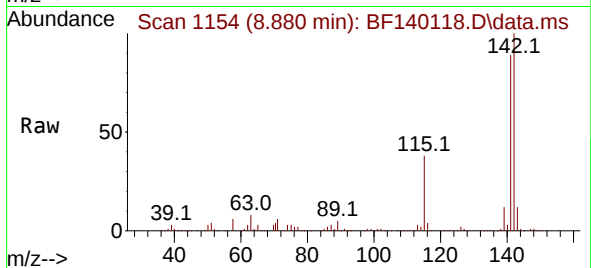
142 100

141 88.5 70.8 106.2

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 40.269 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140118.D

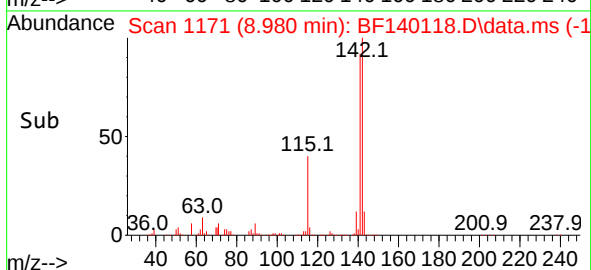
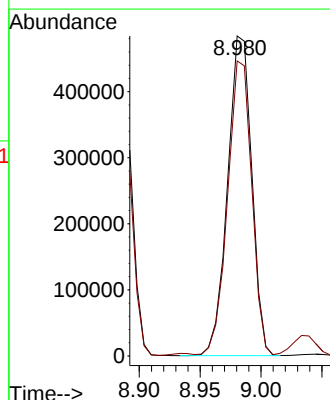
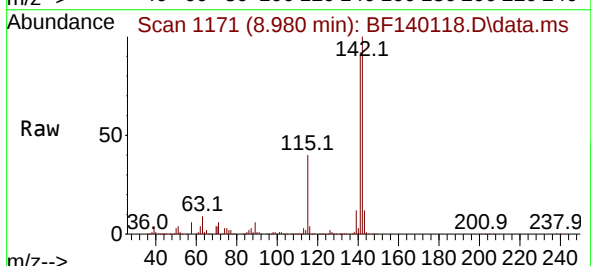
Acq: 29 Oct 2024 18:11

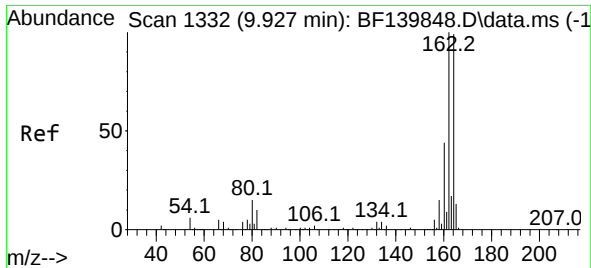
Tgt Ion:142 Resp: 667061

Ion Ratio Lower Upper

142 100

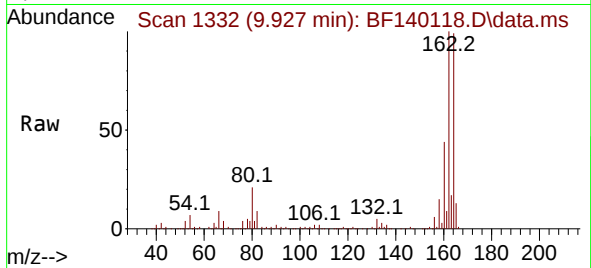
141 92.2 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

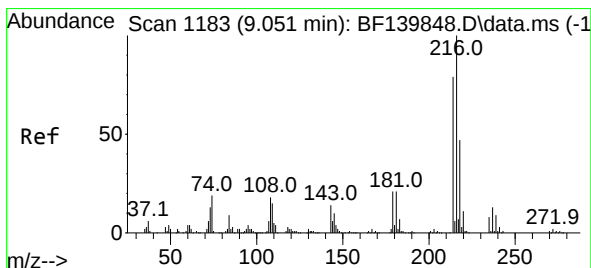
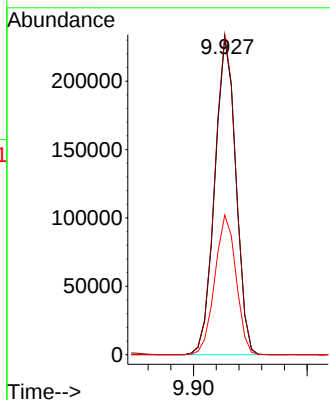
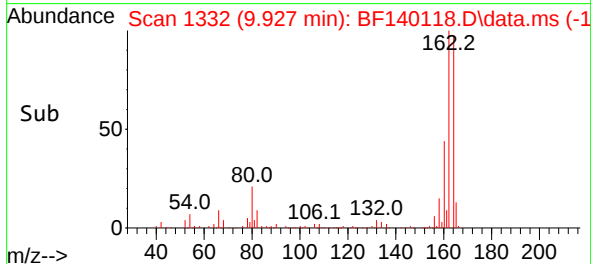
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:164 Resp: 298449
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.1 35.4 53.0

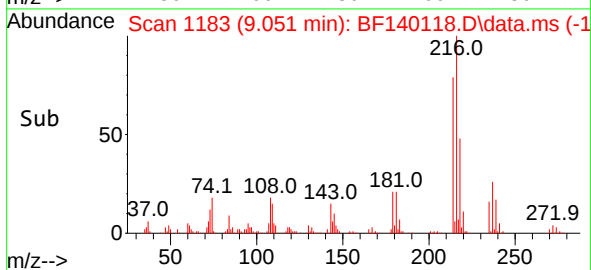
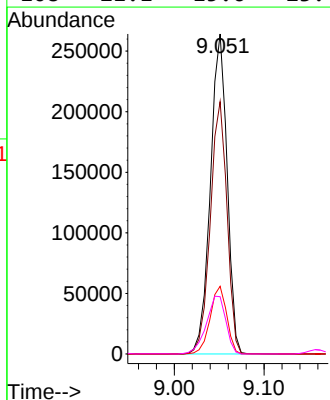
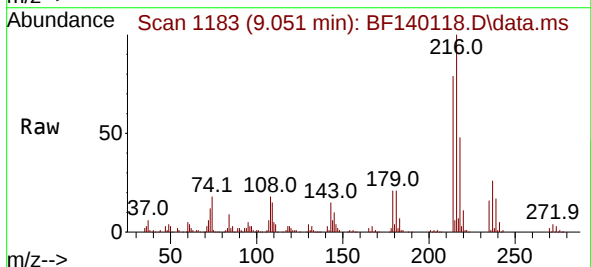
Manual Integrations
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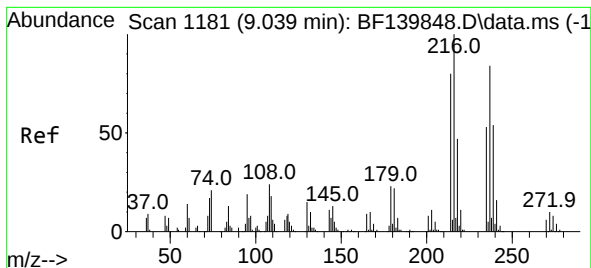
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.403 ng
RT: 9.051 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

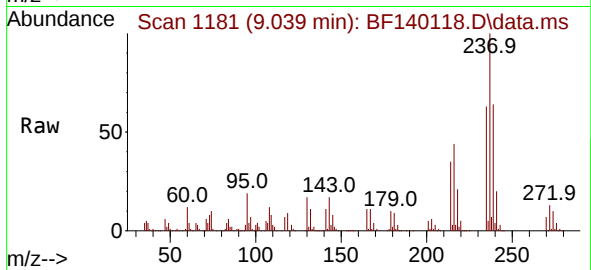
Tgt Ion:216 Resp: 341416
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 21.0 17.2 25.8
108 21.1 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 138.976 ng
RT: 9.039 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

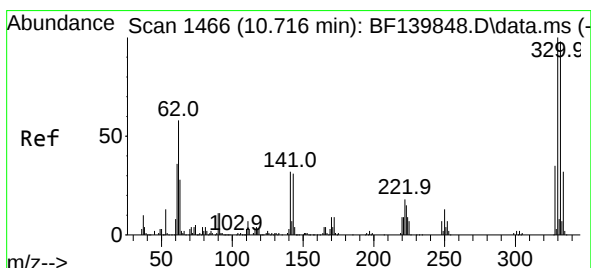
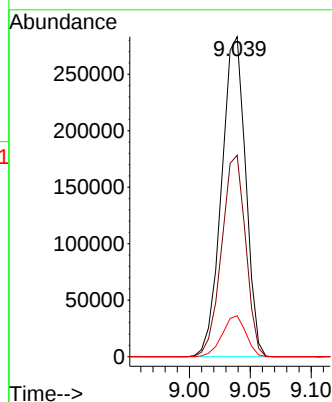
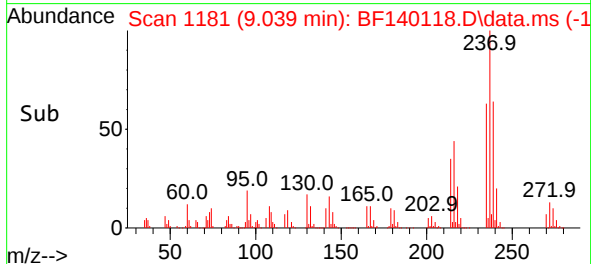
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



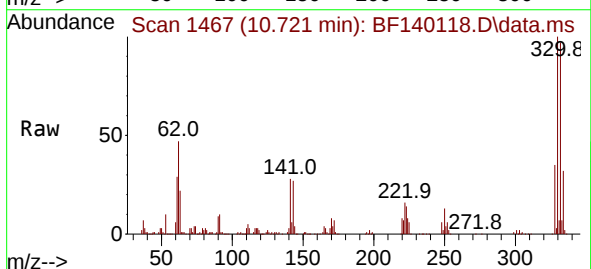
Tgt Ion:237 Resp: 389354
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.8 0.0 32.3

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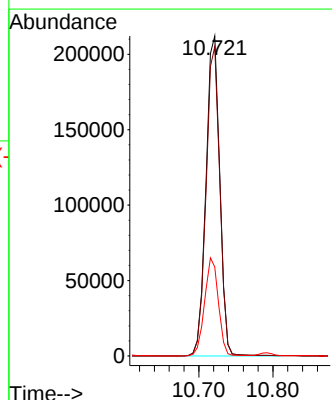
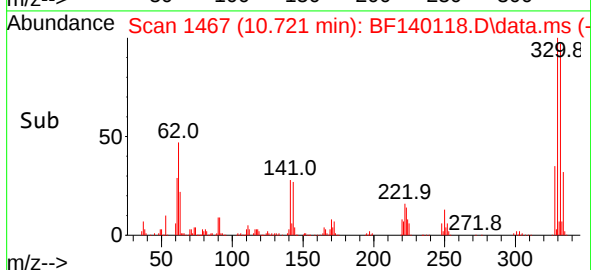
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 98.262 ng
RT: 10.721 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



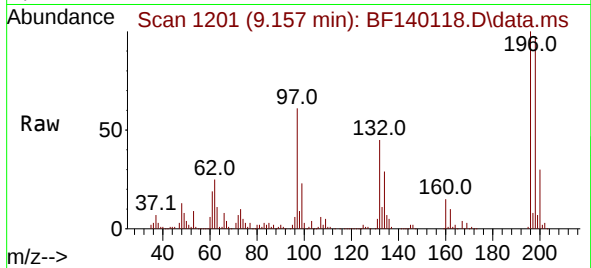
Tgt Ion:330 Resp: 274309
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 30.7 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 44.170 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

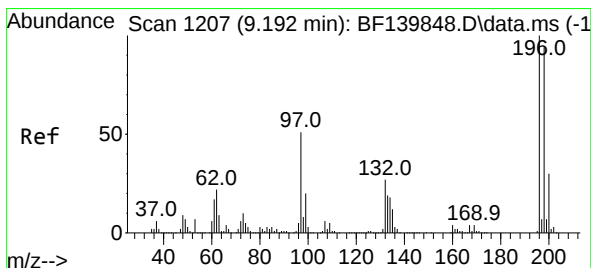
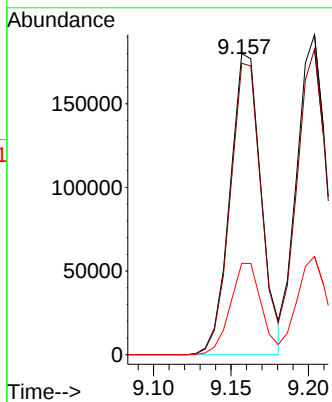
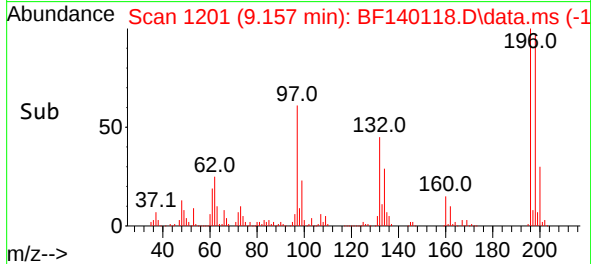
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:196 Resp: 251790
Ion Ratio Lower Upper
196 100
198 96.8 76.2 114.2
200 30.4 24.0 36.0

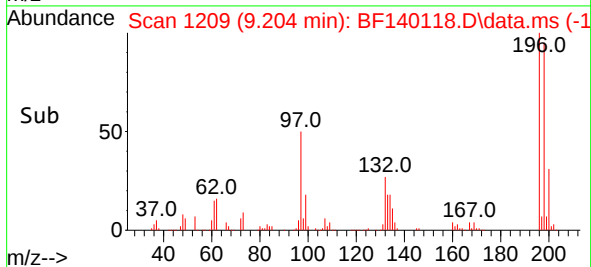
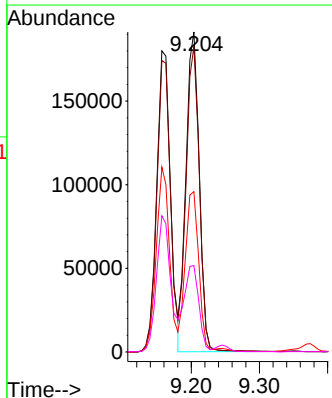
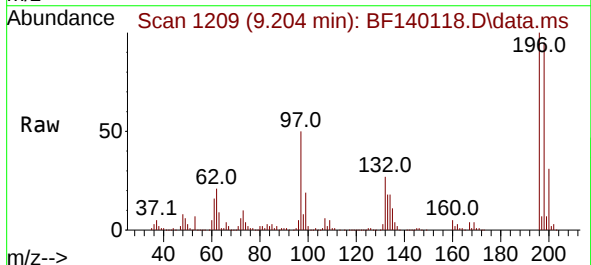
Manual Integrations
APPROVED

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



#44
2,4,5-Trichlorophenol
Concen: 43.731 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

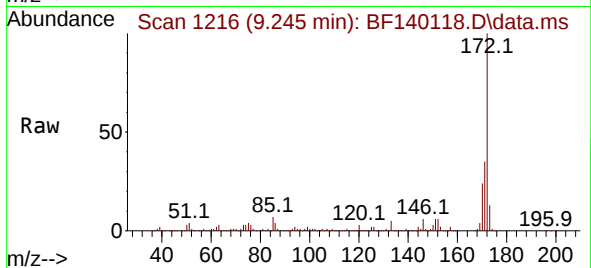
Tgt Ion:196 Resp: 257198
Ion Ratio Lower Upper
196 100
198 95.5 75.8 113.6
97 50.1 41.8 62.6
132 27.0 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 61.240 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

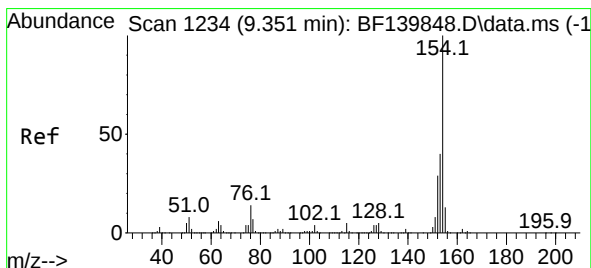
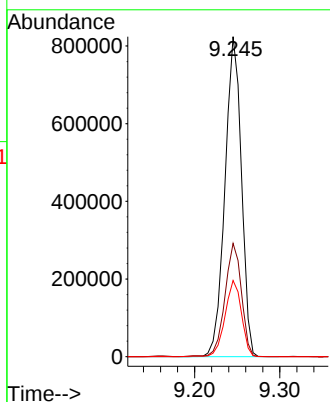
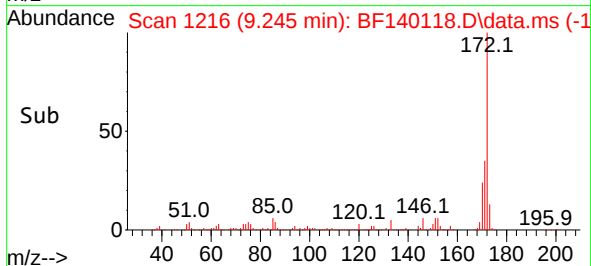
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:172 Resp: 1105890
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.1 28.7

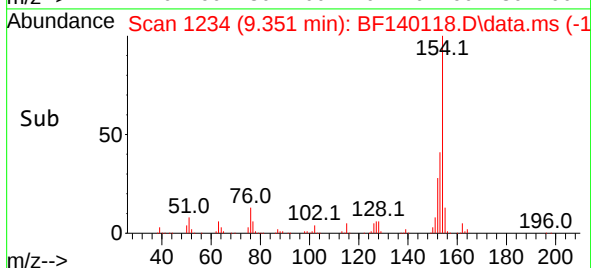
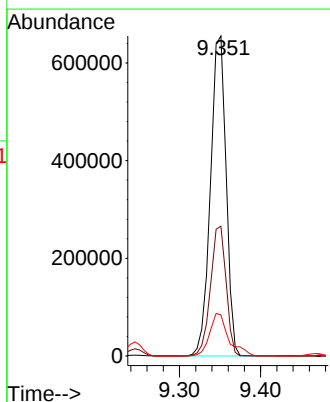
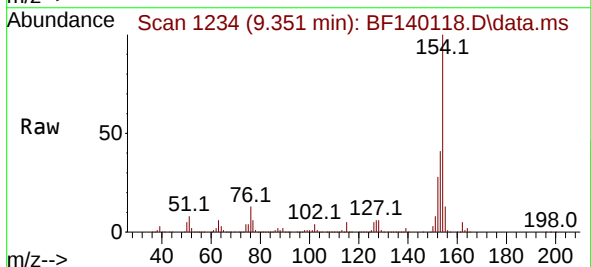
Manual Integrations
APPROVED

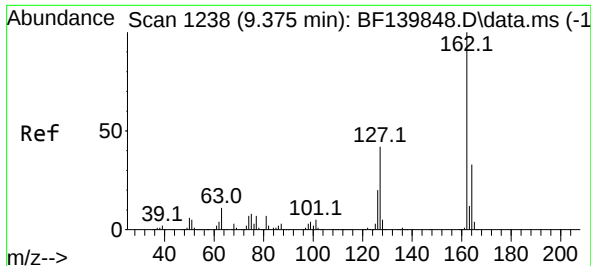
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#46
1,1'-Biphenyl
Concen: 42.269 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:154 Resp: 878196
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 12.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 41.583 ng

RT: 9.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

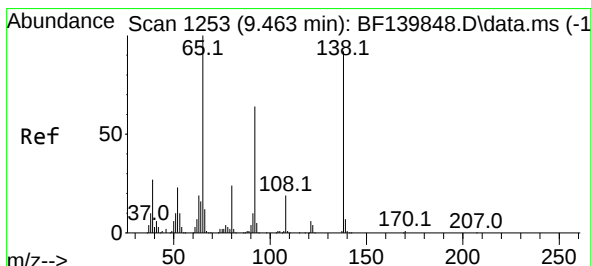
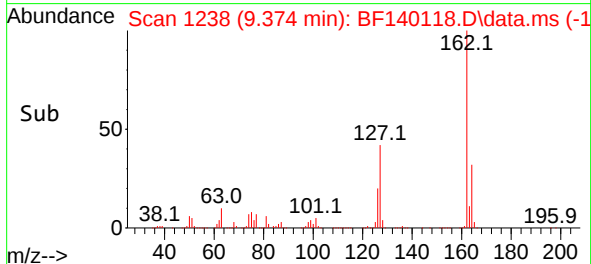
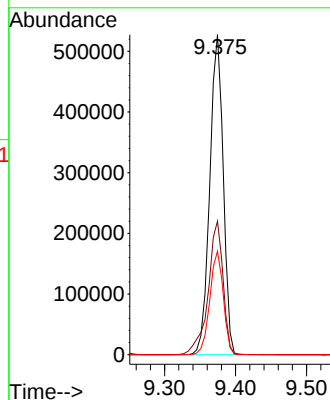
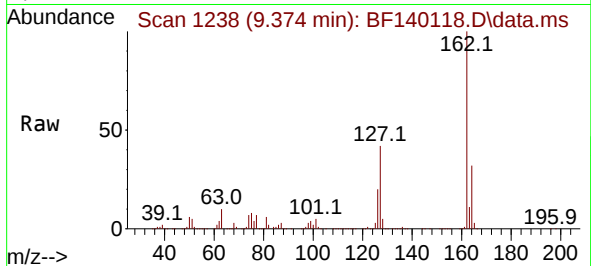
BP-F17MSD

Tgt Ion:162 Resp: 695820
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.8 50.6
 164 32.4 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: 47.995 ng

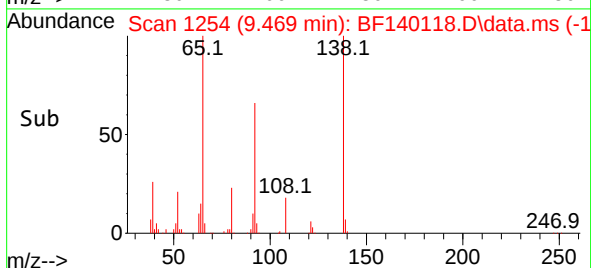
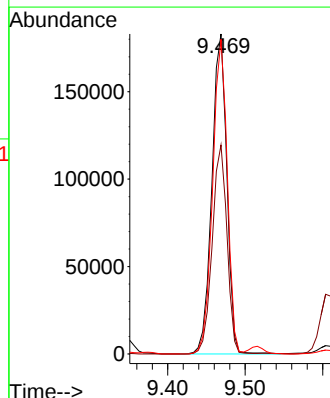
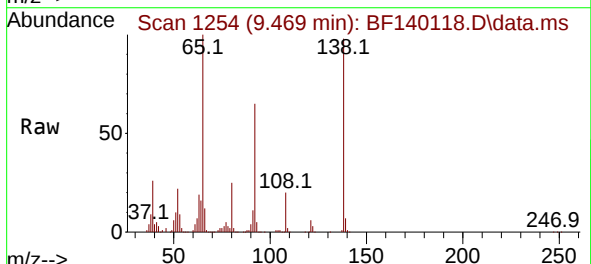
RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

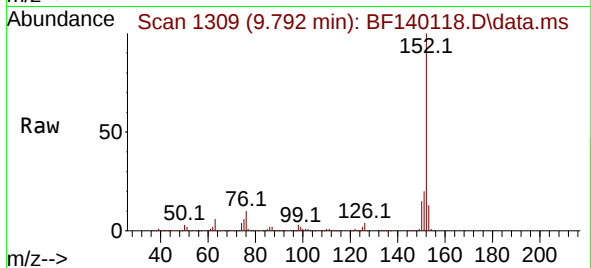
Tgt Ion: 65 Resp: 245632
 Ion Ratio Lower Upper
 65 100
 92 65.3 50.9 76.3
 138 98.4 73.4 110.0





#49
Acenaphthylene
Concen: 44.758 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

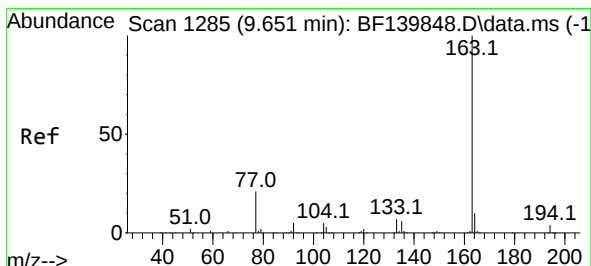
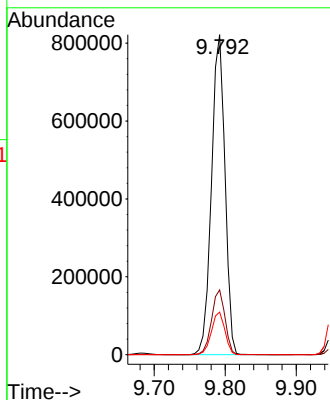
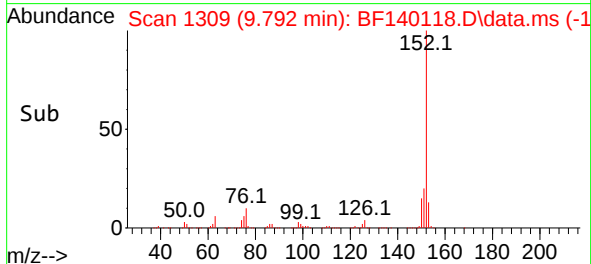
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:152 Resp: 108278
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 10.7 16.1

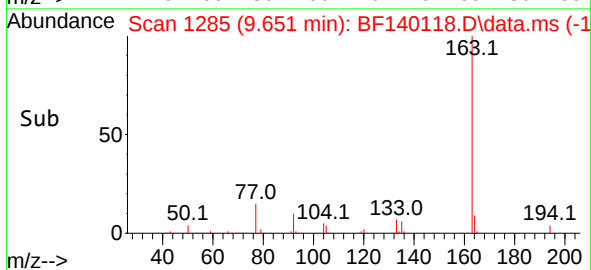
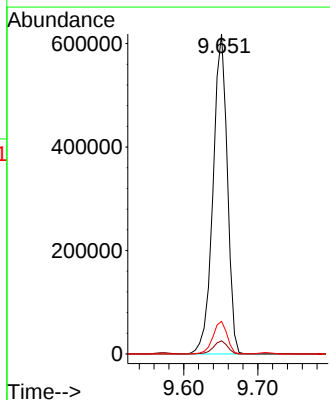
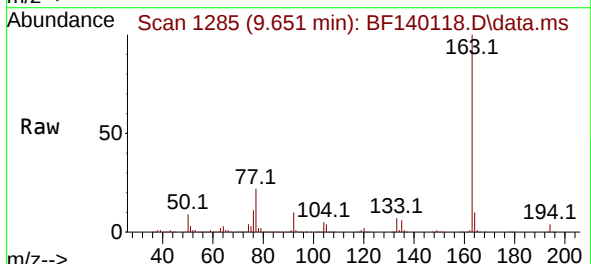
Manual Integrations
APPROVED

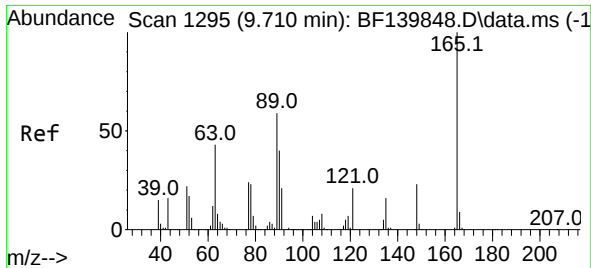
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 44.475 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

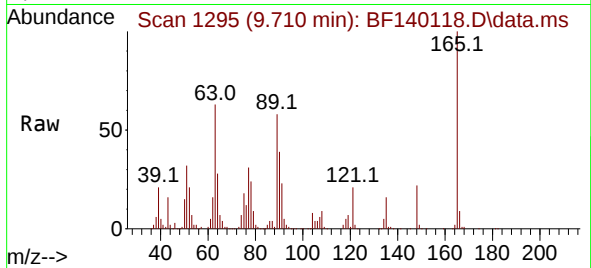
Tgt Ion:163 Resp: 826787
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.935 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

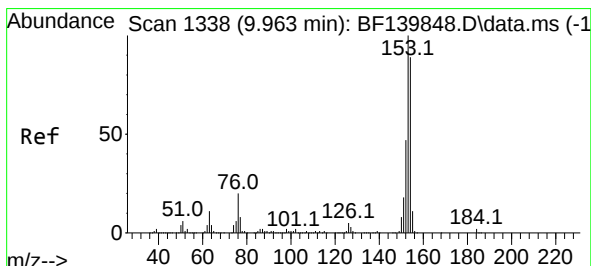
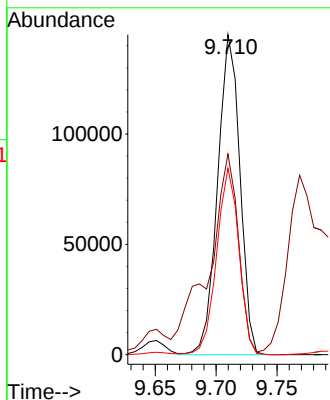
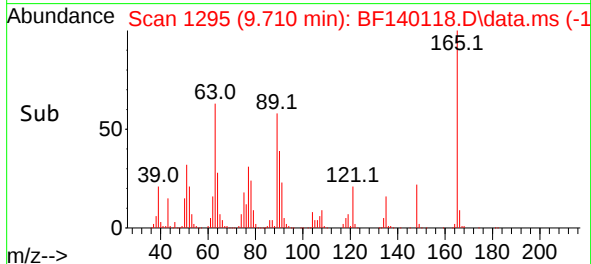
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:165 Resp: 184892
Ion Ratio Lower Upper
165 100
63 62.7 50.6 75.8
89 58.3 47.5 71.3

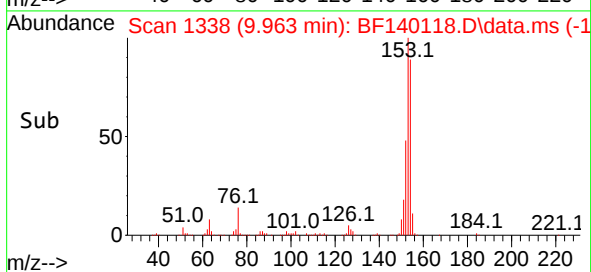
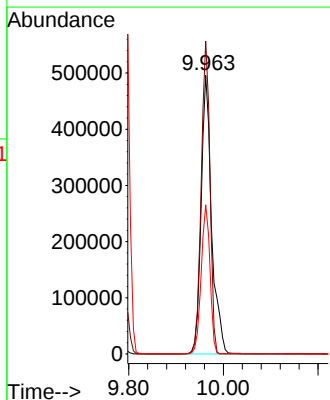
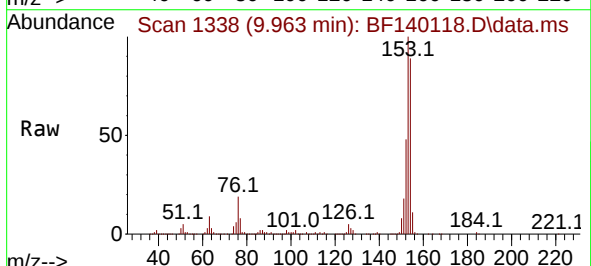
Manual Integrations
APPROVED

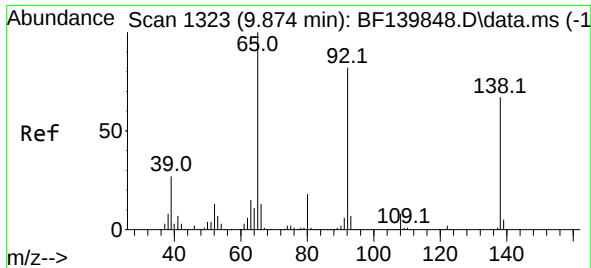
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 48.653 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:154 Resp: 761393
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.6
152 53.5 42.4 63.6





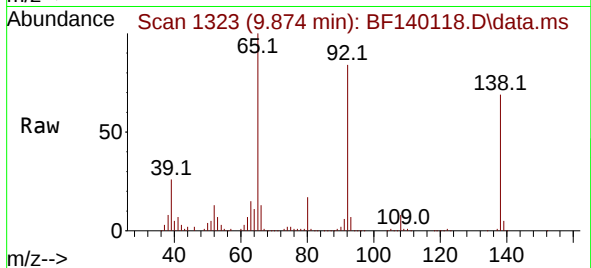
#53
3-Nitroaniline
Concen: 26.794 ng
RT: 9.874 min Scan# 11121
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

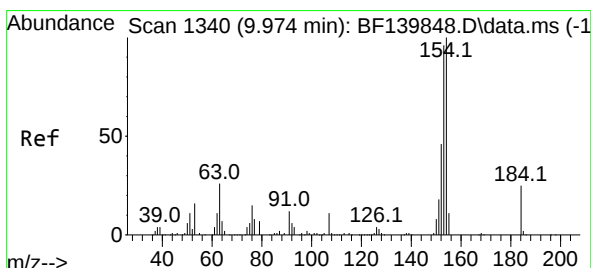
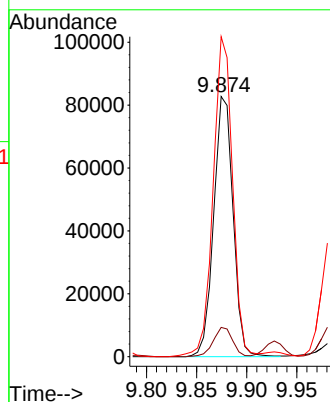
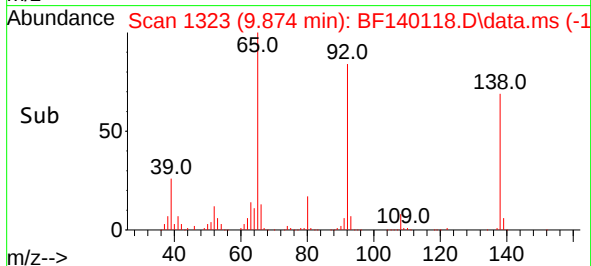


Tgt Ion:138 Resp: 11121
Ion Ratio Lower Upper
138 100
108 11.3 10.2 15.2
92 123.0 98.3 147.5

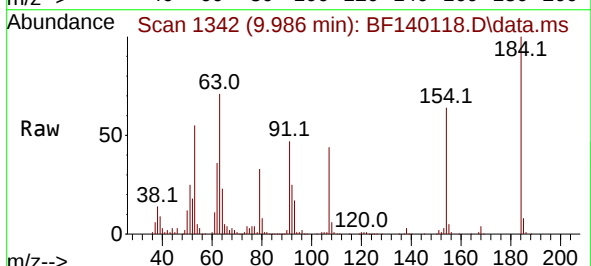
Manual Integrations

APPROVED

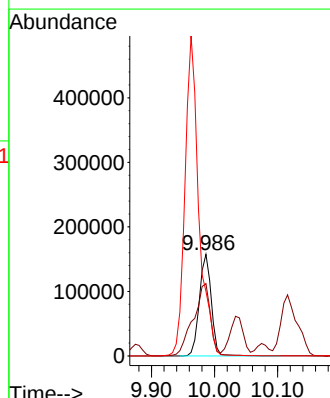
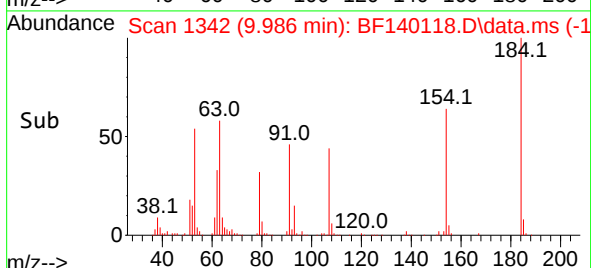
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

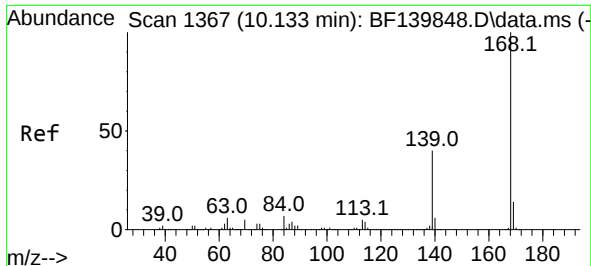


#54
2,4-Dinitrophenol
Concen: 120.169 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



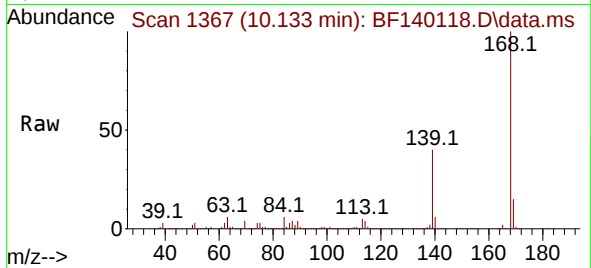
Tgt Ion:184 Resp: 206930
Ion Ratio Lower Upper
184 100
63 71.2 84.7 127.1#
154 63.6 338.2 507.2#





#55
Dibenzenofuran
Concen: 42.340 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

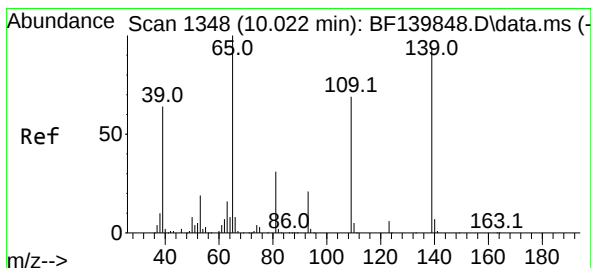
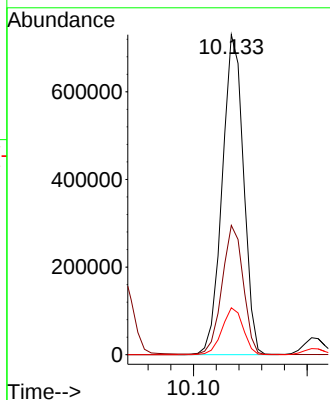
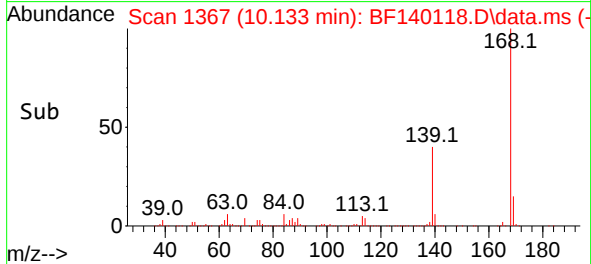
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:168 Resp: 95068
Ion Ratio Lower Upper
168 100
139 40.4 31.8 47.6
169 14.6 11.6 17.4

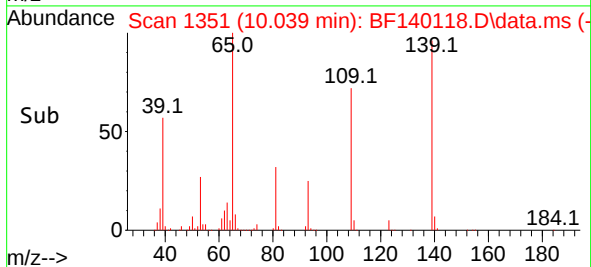
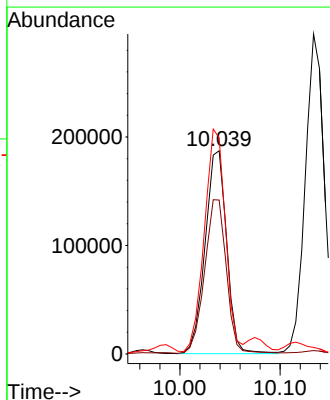
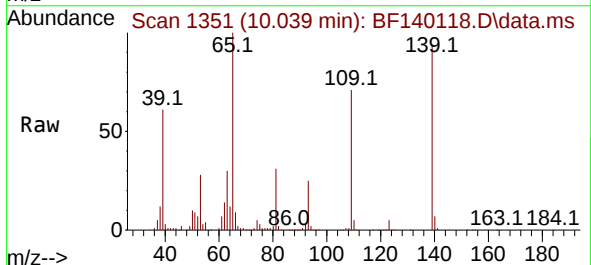
Manual Integrations
APPROVED

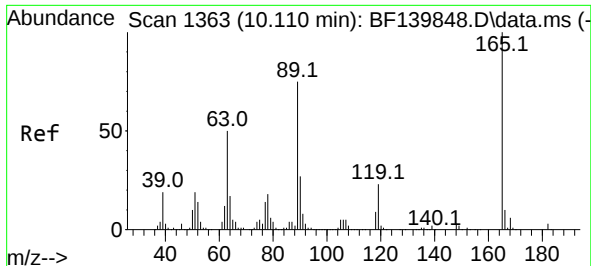
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 87.714 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Tgt Ion:139 Resp: 280111
Ion Ratio Lower Upper
139 100
109 75.7 53.6 93.6
65 106.4 87.8 127.8





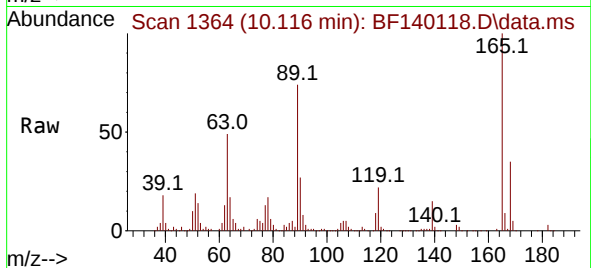
#57
2,4-Dinitrotoluene
Concen: 50.216 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

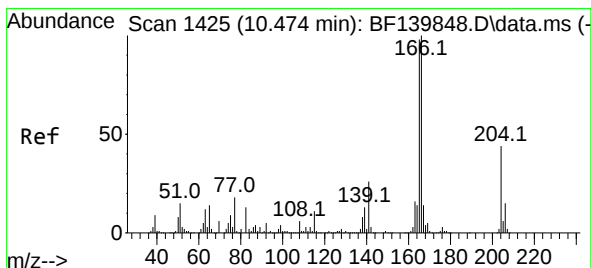
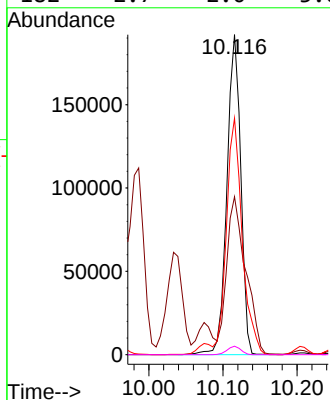
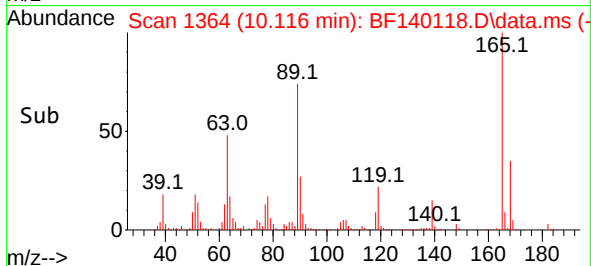


Tgt Ion:165 Resp: 248550
Ion Ratio Lower Upper
165 100
63 49.4 40.1 60.1
89 73.9 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

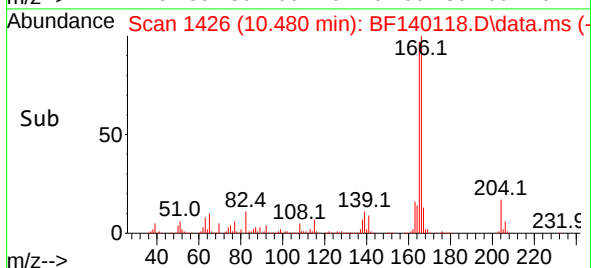
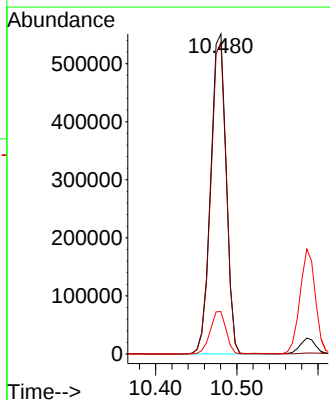
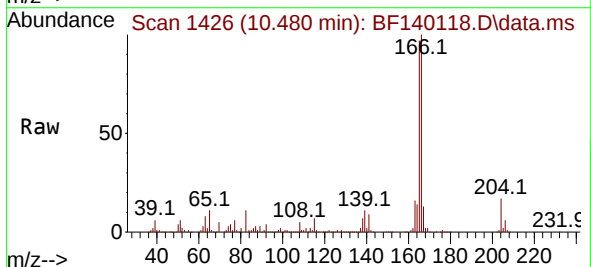
APPROVED

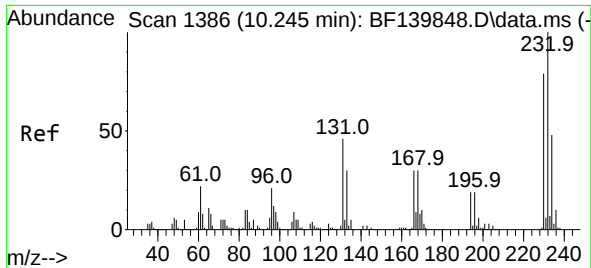
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 42.774 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

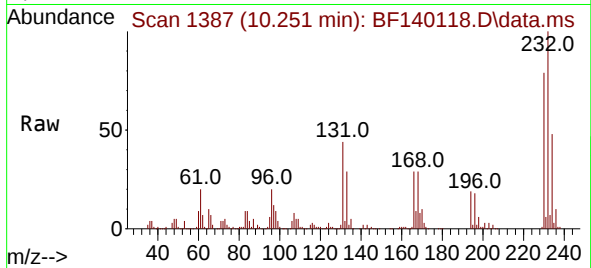
Tgt Ion:166 Resp: 731520
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.748 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

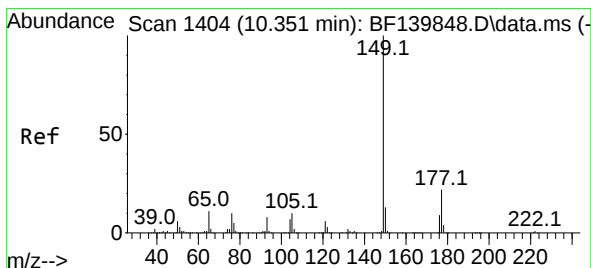
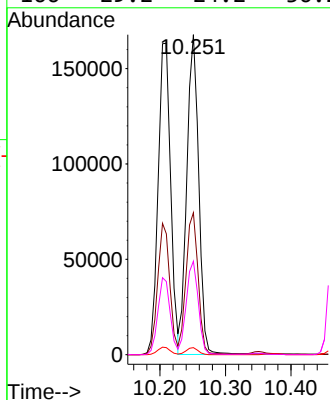
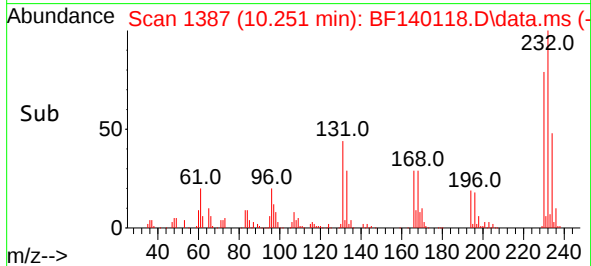
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:232 Resp: 210924
Ion Ratio Lower Upper
232 100
131 44.8 37.0 55.6
130 2.2 1.9 2.9
166 29.2 24.2 36.2

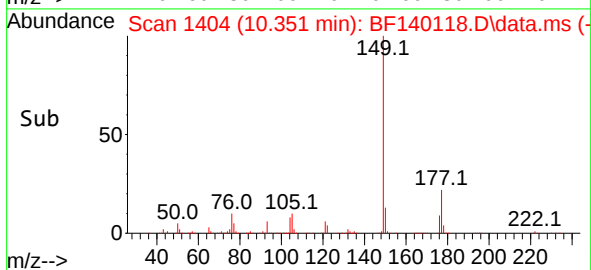
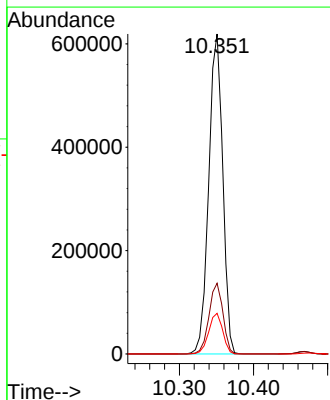
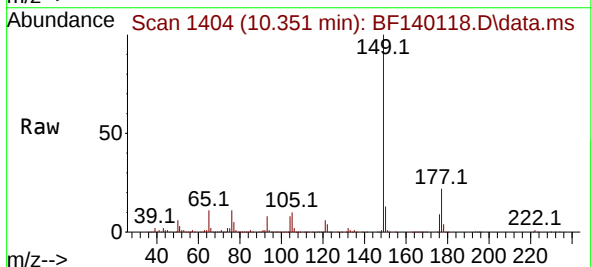
Manual Integrations
APPROVED

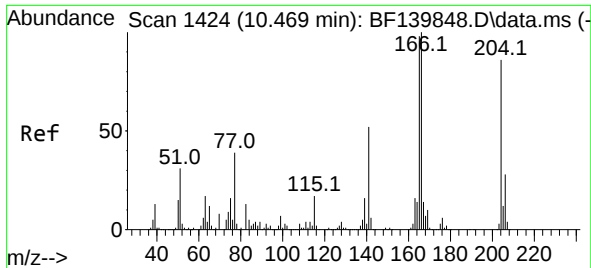
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 44.396 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

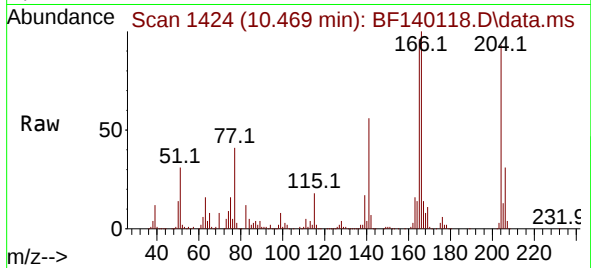
Tgt Ion:149 Resp: 810344
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.913 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

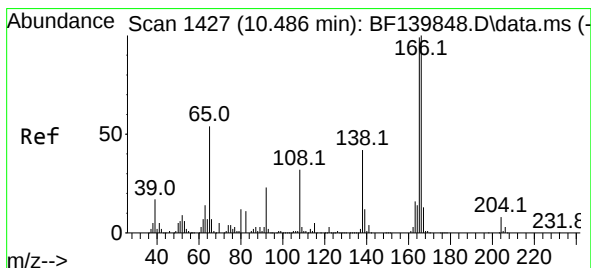
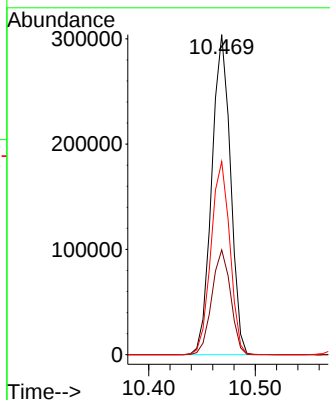
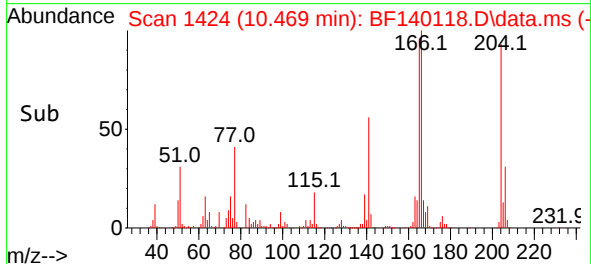
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



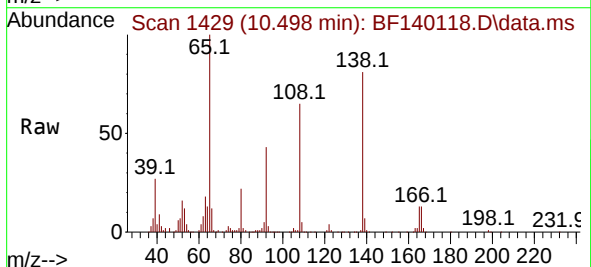
Tgt Ion:204 Resp: 370614
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 60.3 48.6 73.0

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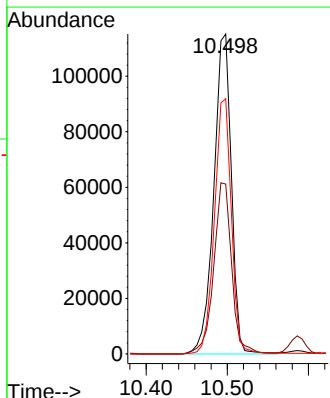
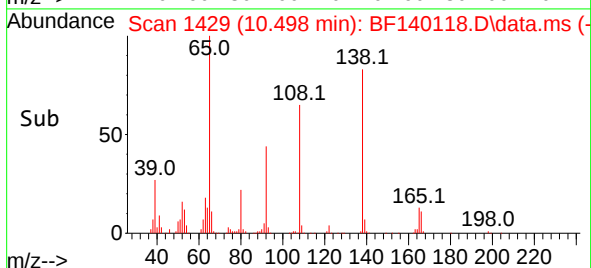
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

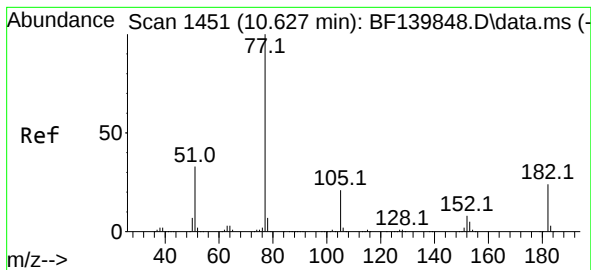


#62
4-Nitroaniline
Concen: 44.217 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



Tgt Ion:138 Resp: 173342
Ion Ratio Lower Upper
138 100
92 53.1 35.7 75.7
108 79.7 57.5 97.5





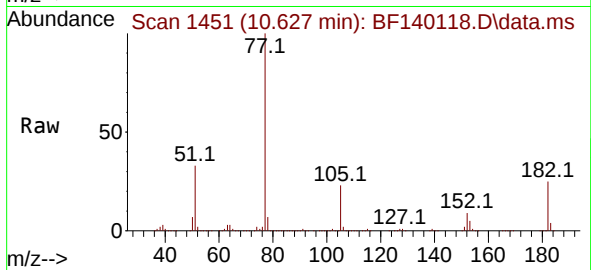
#63
Azobenzene
Concen: 47.609 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

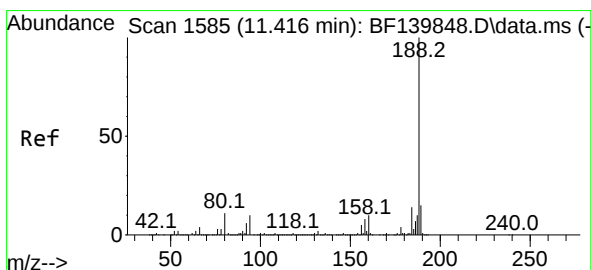
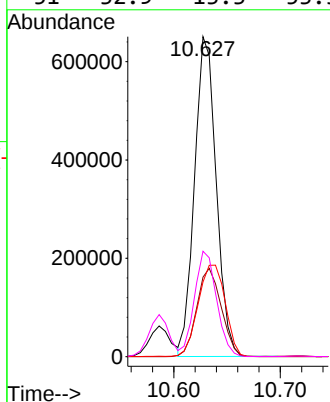
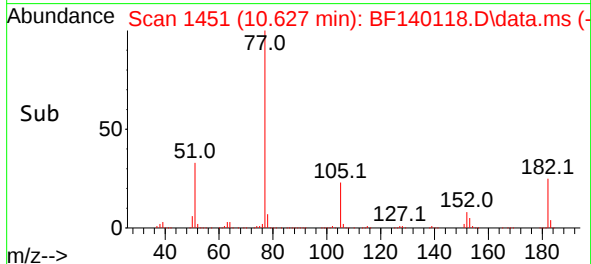


Tgt Ion: 77 Resp: 921250
Ion Ratio Lower Upper
77 100
182 24.9 3.3 43.3
105 23.4 1.2 41.2
51 32.9 13.3 53.3

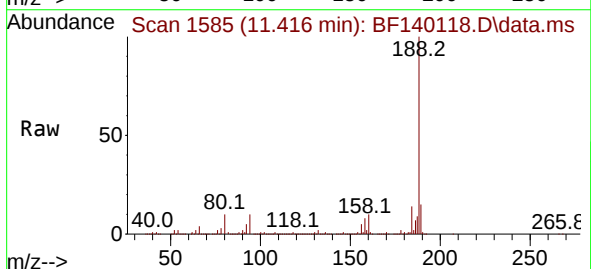
Manual Integrations

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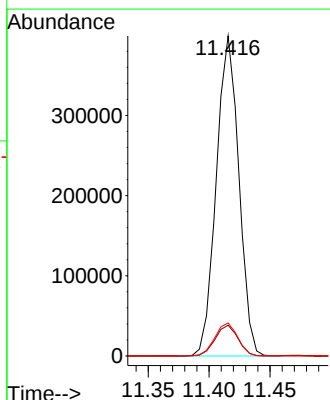
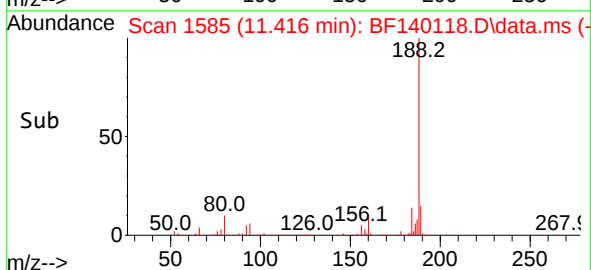
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



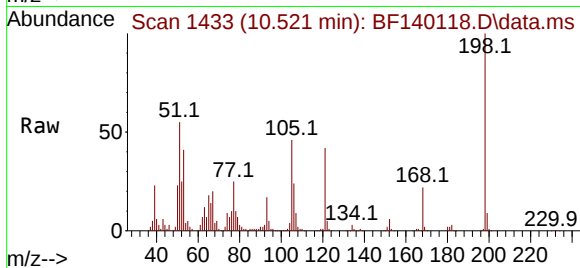
Tgt Ion:188 Resp: 515265
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 64.984 ng
RT: 10.521 min Scan# 1432
Delta R.T. 0.005 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

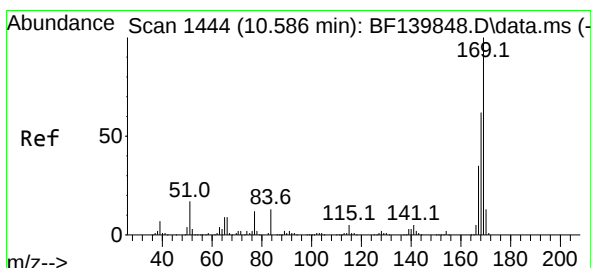
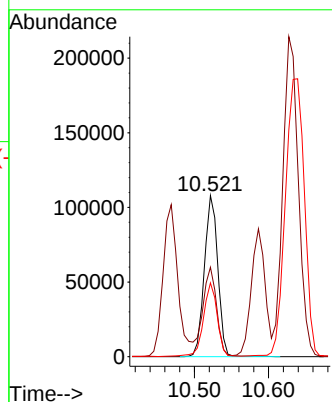
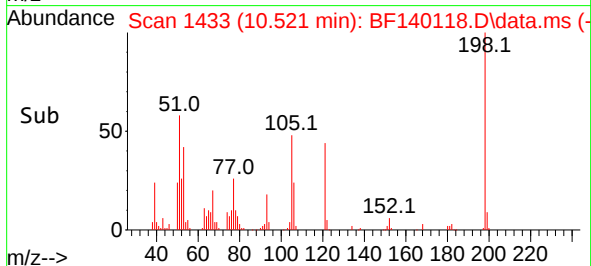
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:198 Resp: 136580
Ion Ratio Lower Upper
198 100
51 55.5 38.2 78.2
105 45.8 27.9 67.9

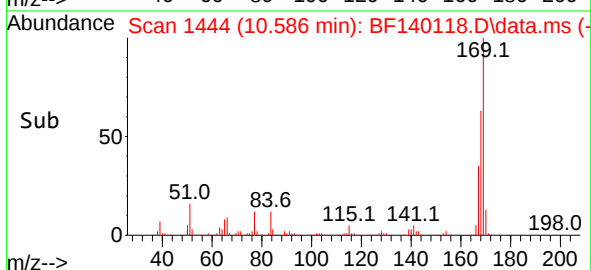
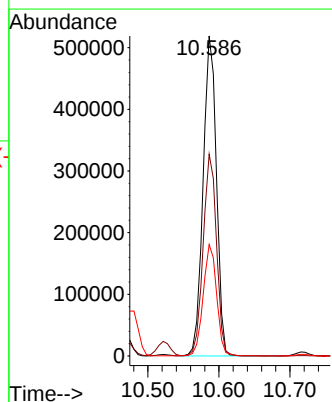
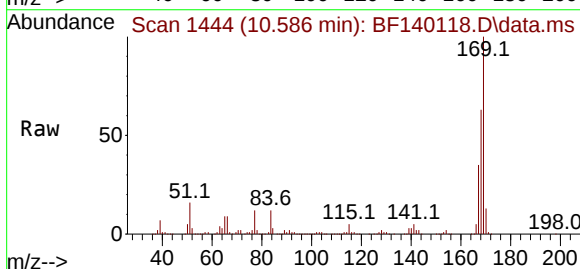
Manual Integrations
APPROVED

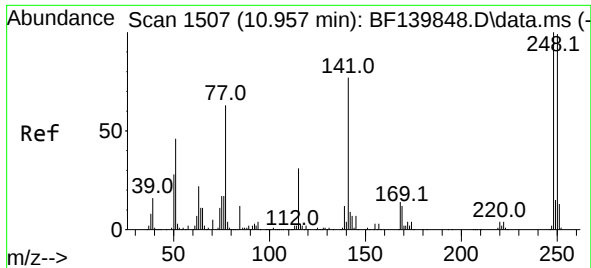
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 43.978 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

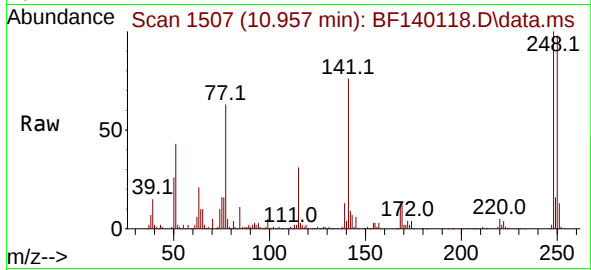
Tgt Ion:169 Resp: 678223
Ion Ratio Lower Upper
169 100
168 63.1 49.8 74.6
167 34.8 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 44.773 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

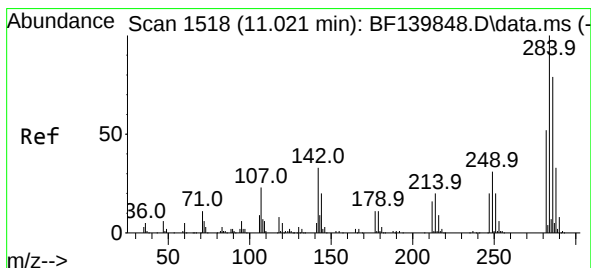
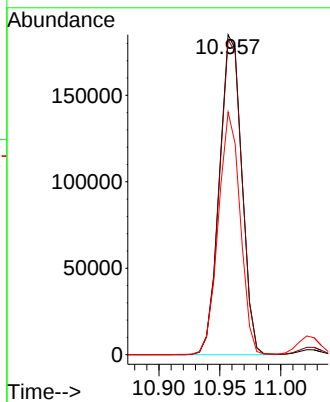
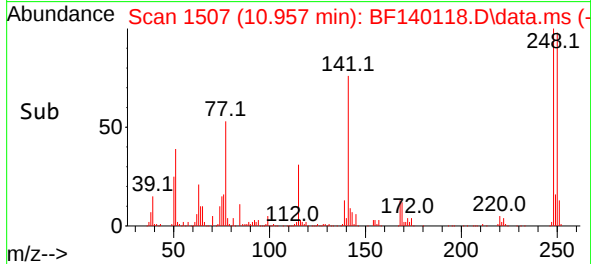
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



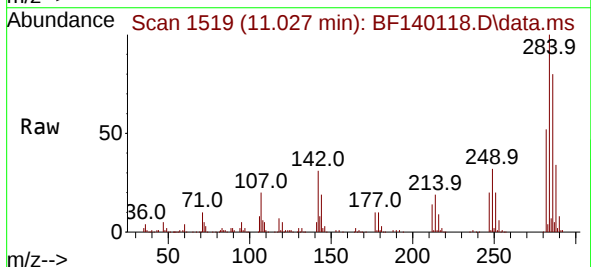
Tgt Ion:248 Resp: 23766
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.6
141 75.8 61.7 92.5

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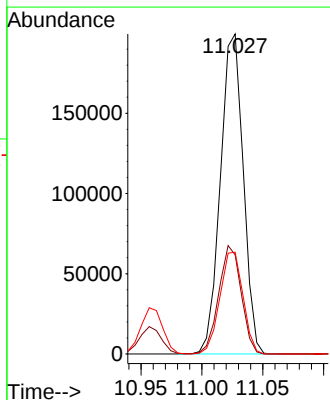
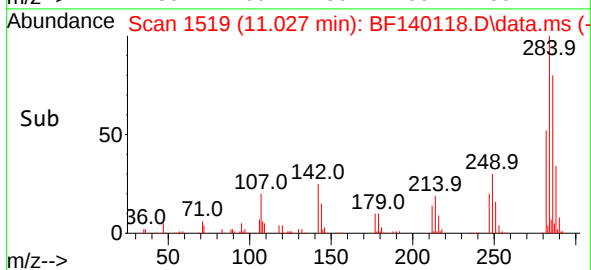
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 43.647 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



Tgt Ion:284 Resp: 260568
Ion Ratio Lower Upper
284 100
142 31.0 26.9 40.3
249 31.8 25.3 37.9





#69

Atrazine

Concen: 52.283 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

Tgt Ion:200 Resp: 21841

Ion Ratio Lower Upper

200 100

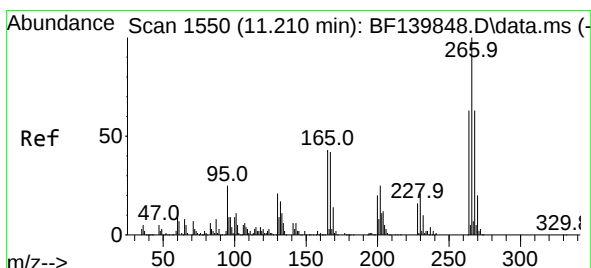
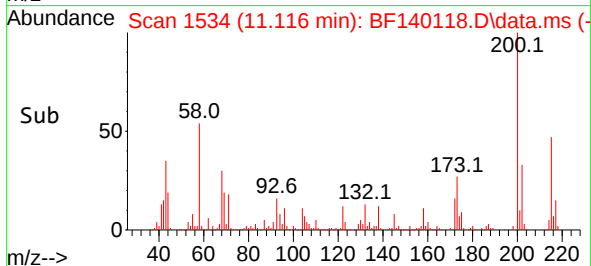
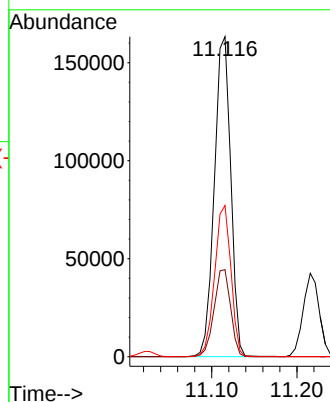
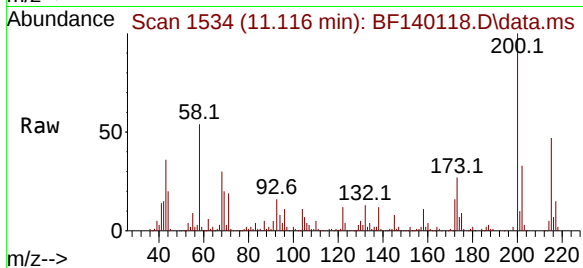
173 27.2 7.7 47.7

215 47.2 27.7 67.7

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 83.993 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

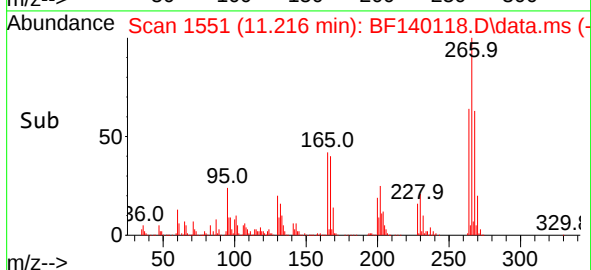
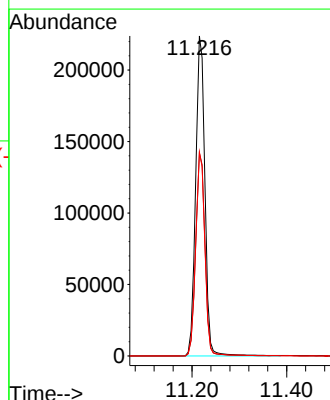
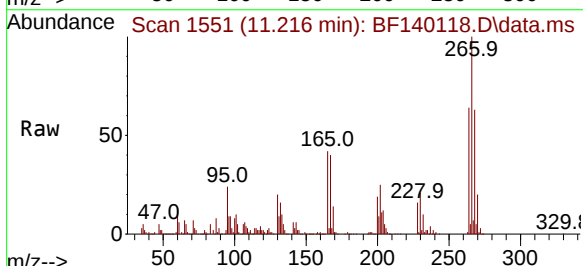
Tgt Ion:266 Resp: 304322

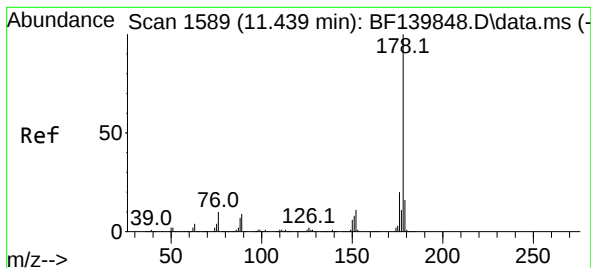
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

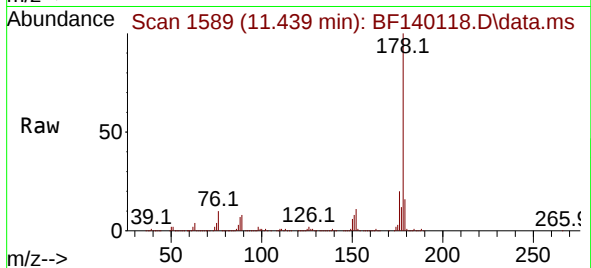
264 63.7 50.6 75.8





#71
Phenanthrene
Concen: 42.670 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

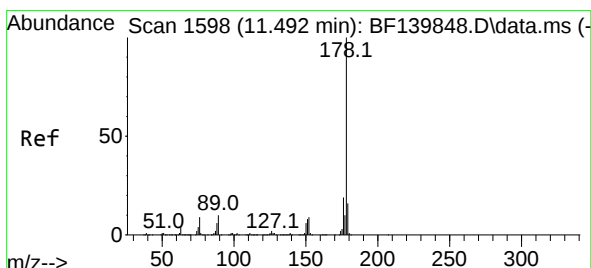
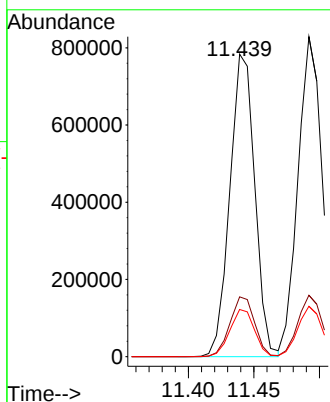
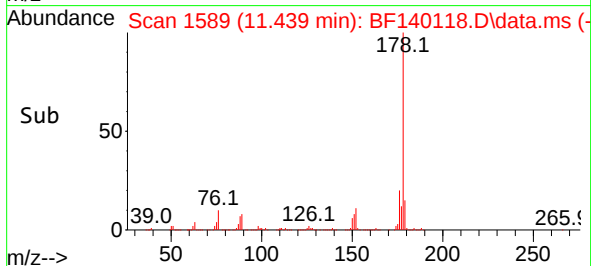
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:178 Resp: 103853
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.6 12.6 18.8

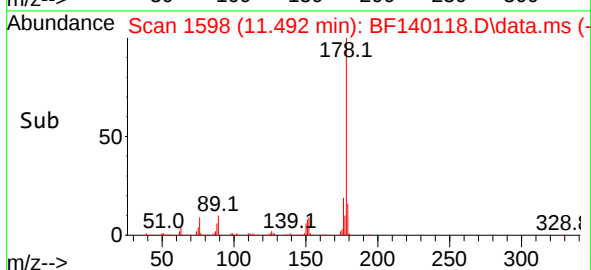
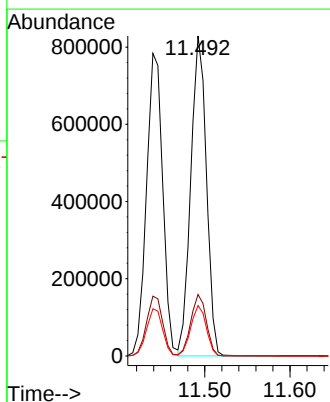
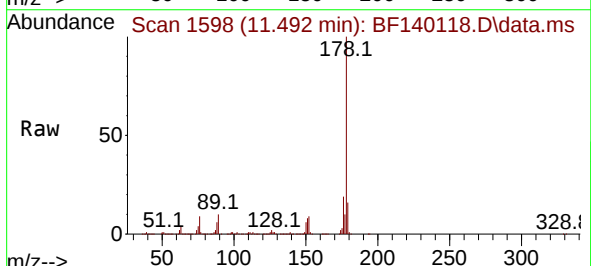
Manual Integrations
APPROVED

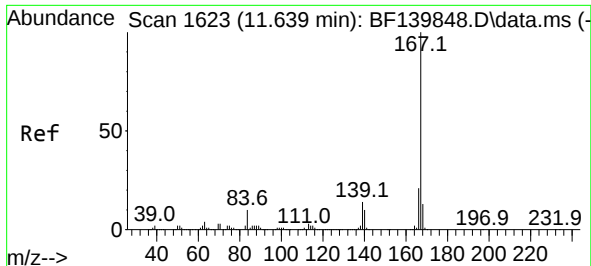
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 44.395 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

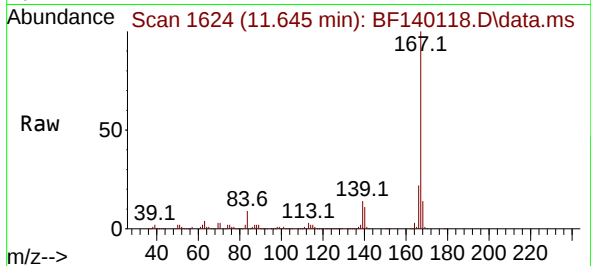
Tgt Ion:178 Resp: 1054254
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 40.304 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF140118.D
 Acq: 29 Oct 2024 18:11

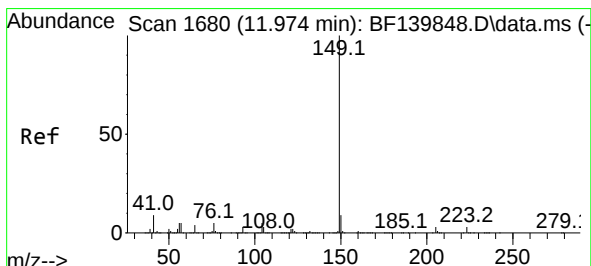
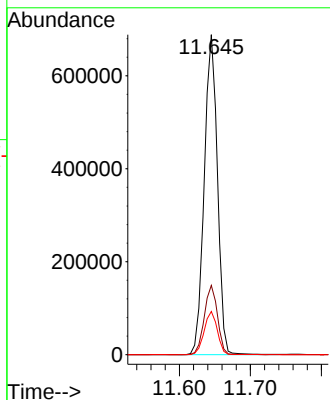
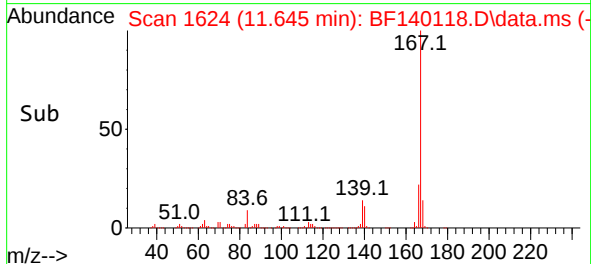
Instrument :
 BNA_F
 ClientSampleId :
 BP-F17MSD



Tgt Ion:167 Resp: 89012
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.5 10.8 16.2

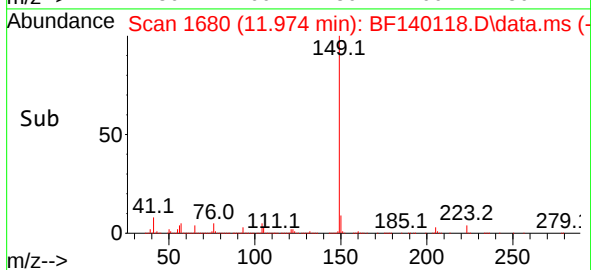
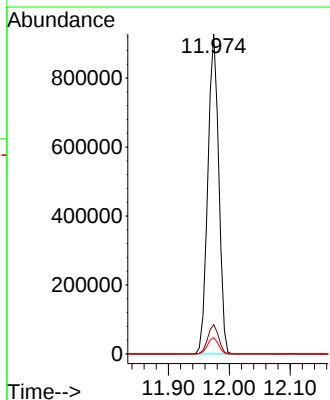
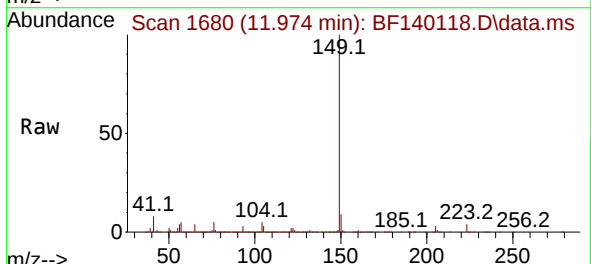
Manual Integrations
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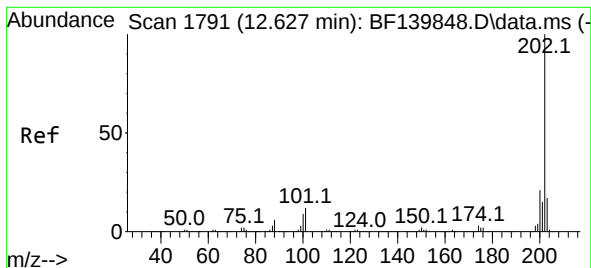
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#74
 Di-n-butylphthalate
 Concen: 45.301 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF140118.D
 Acq: 29 Oct 2024 18:11

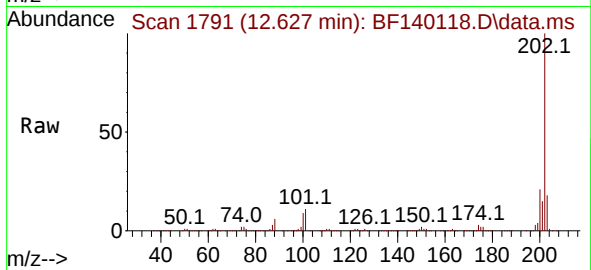
Tgt Ion:149 Resp: 1155910
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 39.029 ng
RT: 12.627 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

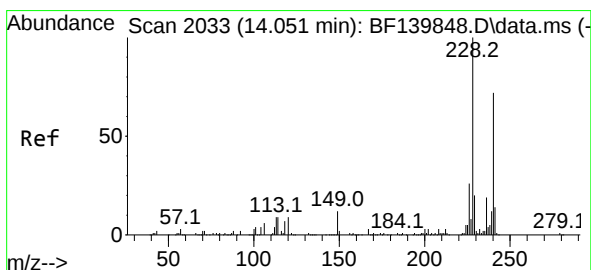
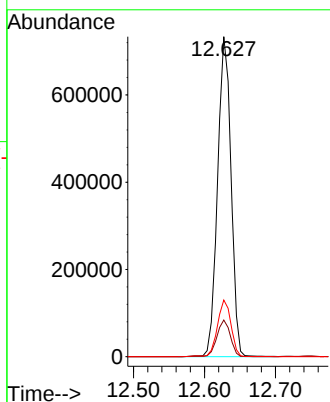
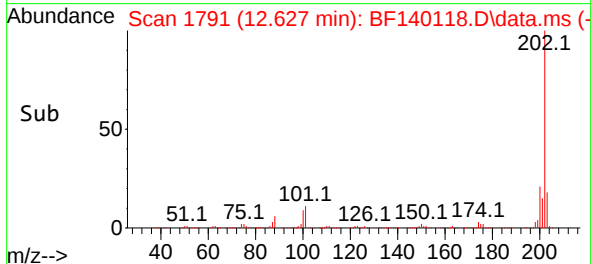
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



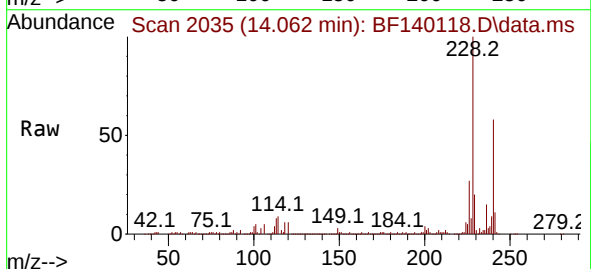
Tgt Ion:202 Resp: 960290
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.9
203 17.7 0.0 37.5

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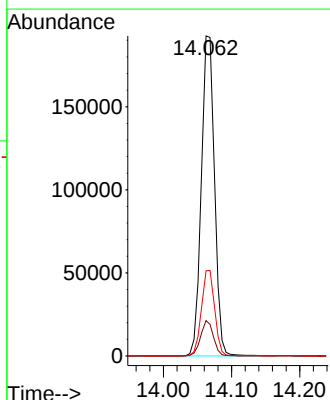
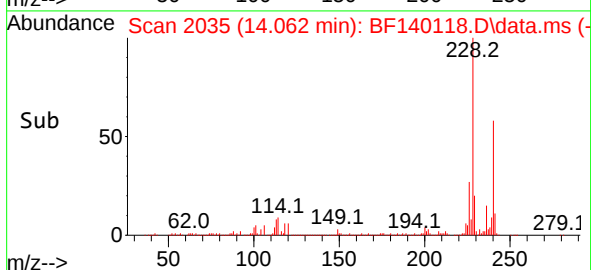
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

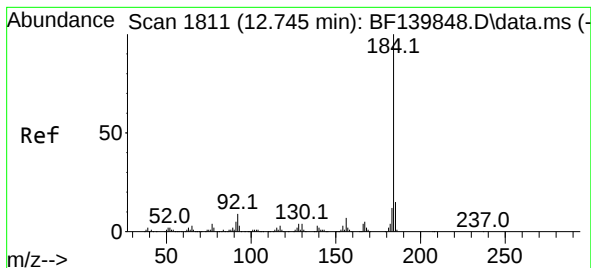


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



Tgt Ion:240 Resp: 259907
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 26.6 20.9 31.3





#77

Benzidine

Concen: 66.895 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

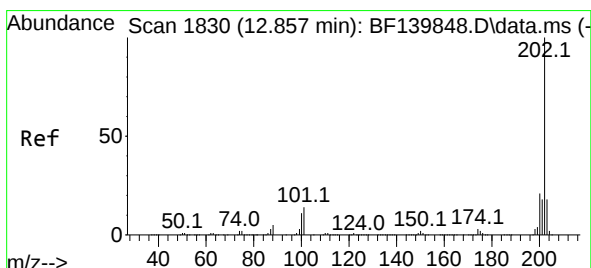
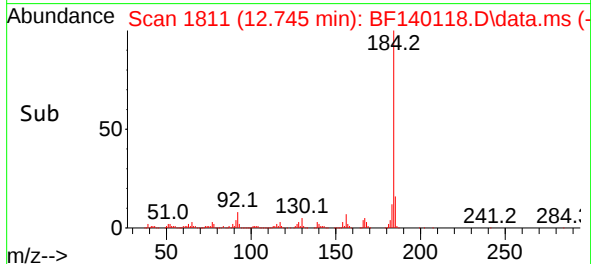
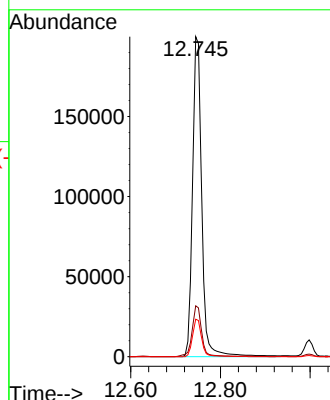
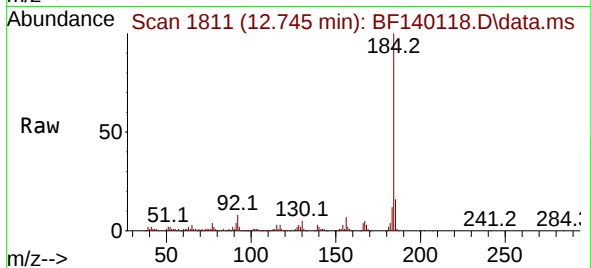
BP-F17MSD

Tgt Ion:	184	Resp:	285892
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.0	18.0
183	11.7	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: 41.929 ng

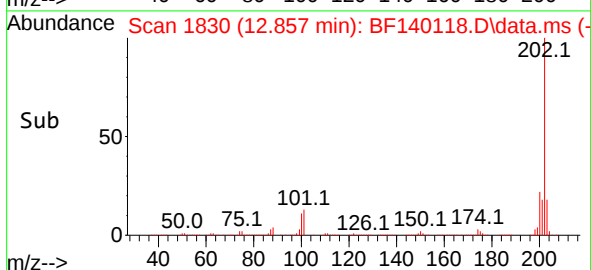
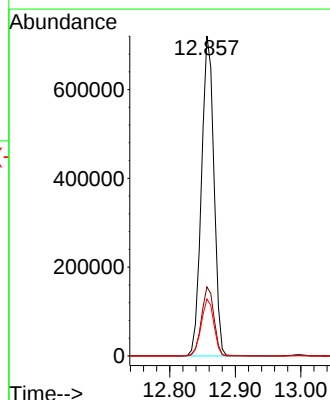
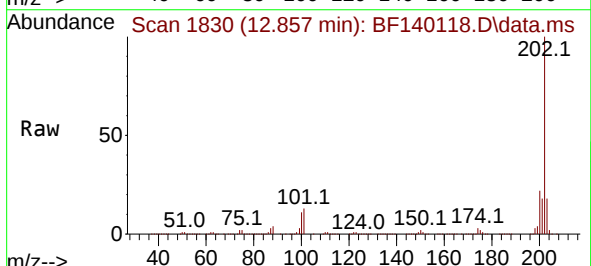
RT: 12.857 min Scan# 1830

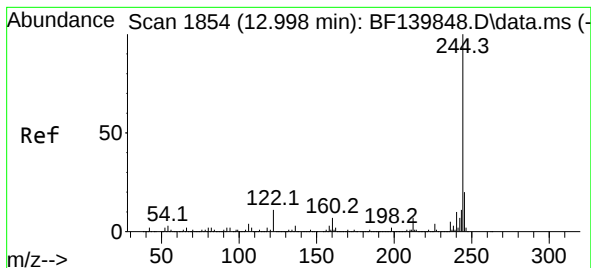
Delta R.T. -0.000 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Tgt Ion:	202	Resp:	953914
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.2	25.8
203	17.8	14.2	21.4





#79

Terphenyl-d14

Concen: 61.716 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

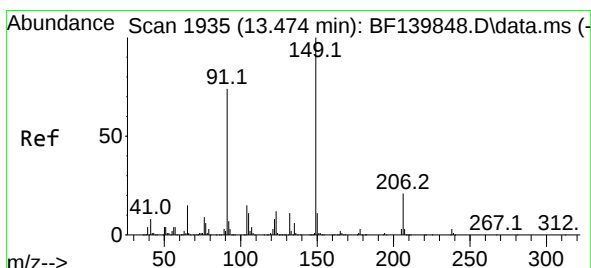
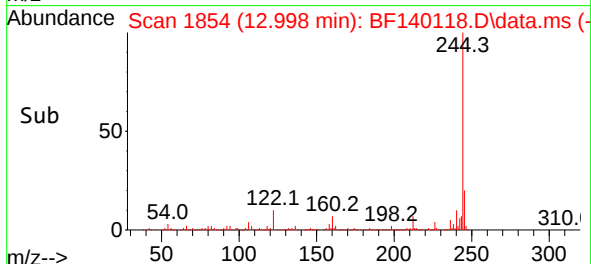
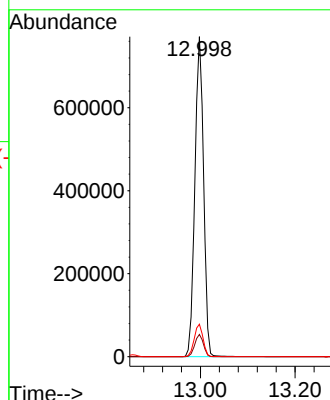
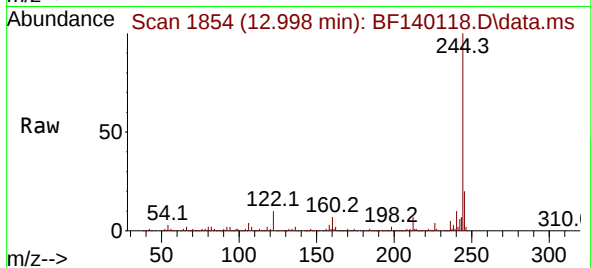
BP-F17MSD

Tgt Ion:244 Resp: 98438
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.1 8.6 13.0

Manual Integrations

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



#80

Butylbenzylphthalate

Concen: 53.889 ng

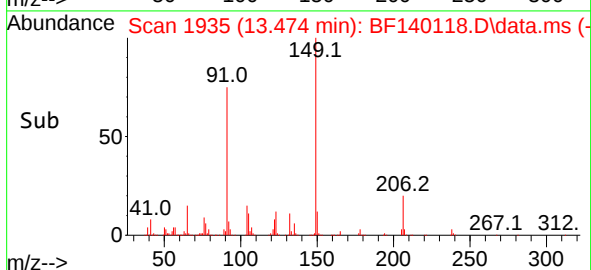
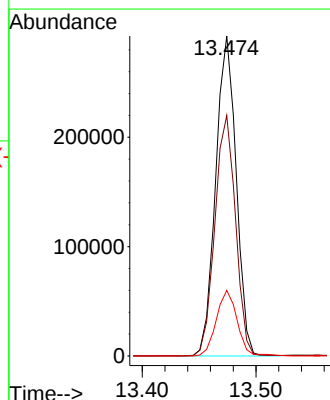
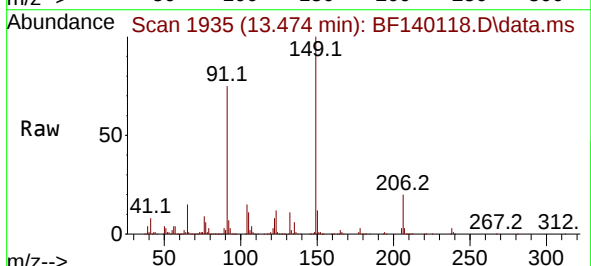
RT: 13.474 min Scan# 1935

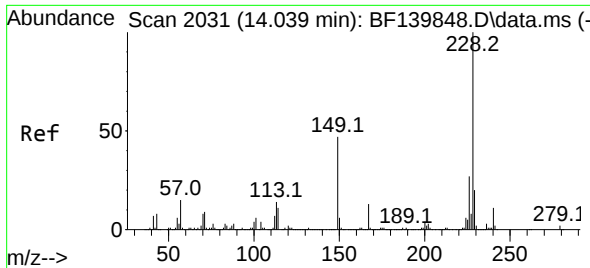
Delta R.T. -0.000 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

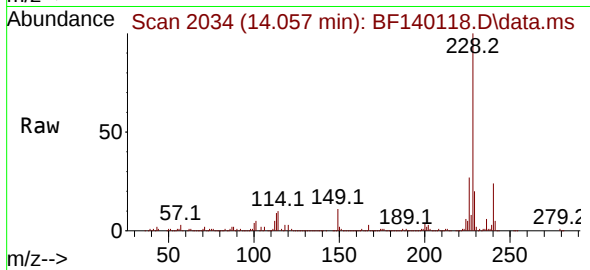
Tgt Ion:149 Resp: 367560
 Ion Ratio Lower Upper
 149 100
 91 75.2 59.4 89.2
 206 20.5 16.4 24.6





#81
Benzo(a)anthracene
Concen: 44.076 ng
RT: 14.057 min Scan# 2031
Delta R.T. 0.018 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

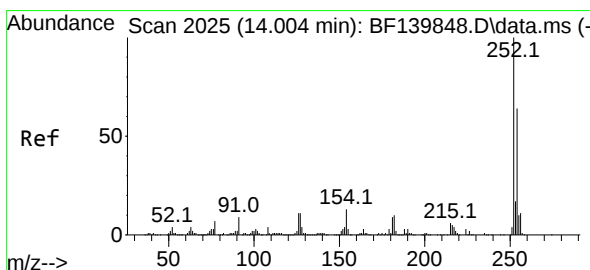
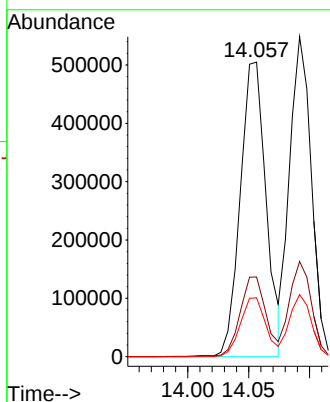
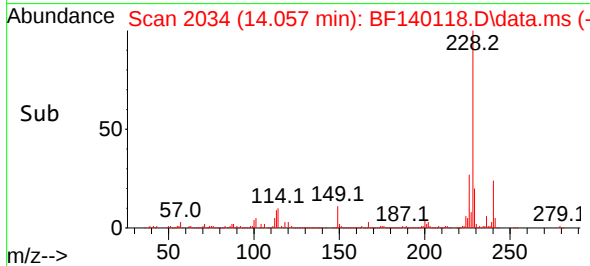
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



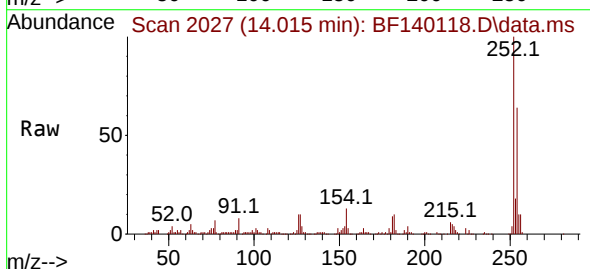
Tgt Ion:228 Resp: 745720
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.0 16.1 24.1

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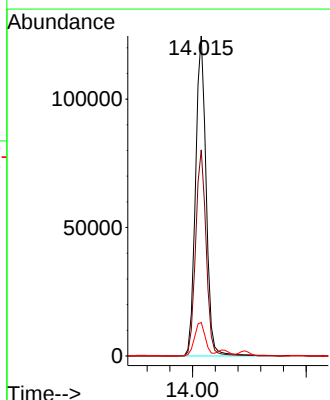
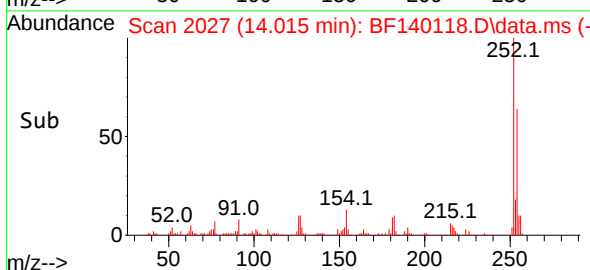
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.863 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.012 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



Tgt Ion:252 Resp: 162112
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 10.5 8.9 13.3





#83

Chrysene

Concen: 44.152 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.012 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

Tgt Ion:228 Resp: 68492

Ion Ratio Lower Upper

228 100

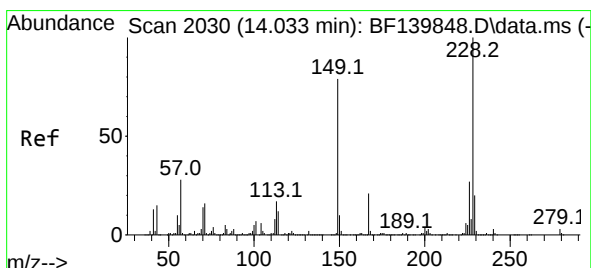
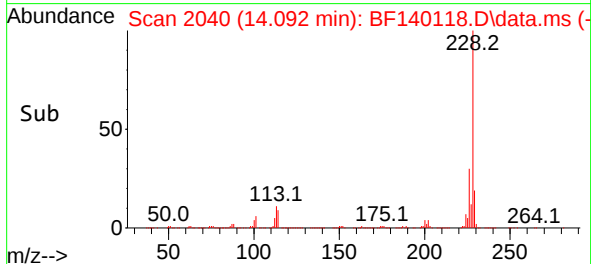
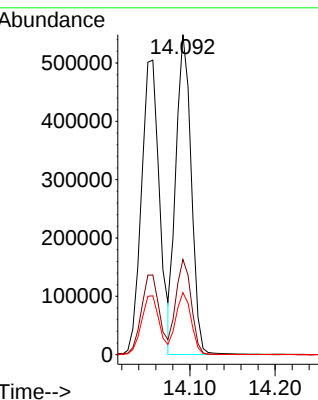
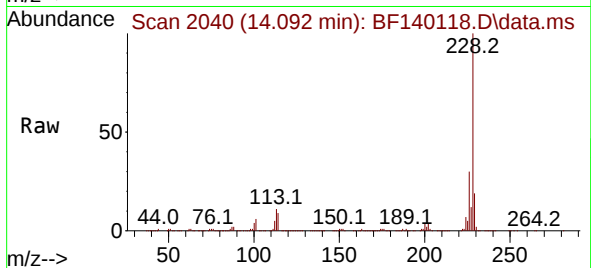
226 29.8 24.1 36.1

229 19.4 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: 59.892 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140118.D

Acq: 29 Oct 2024 18:11

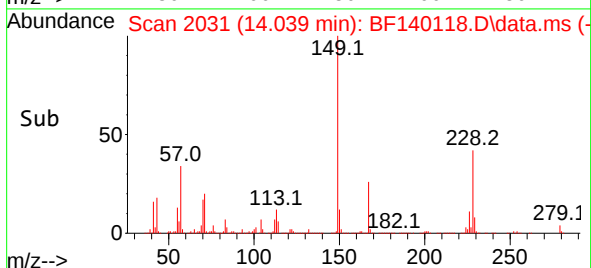
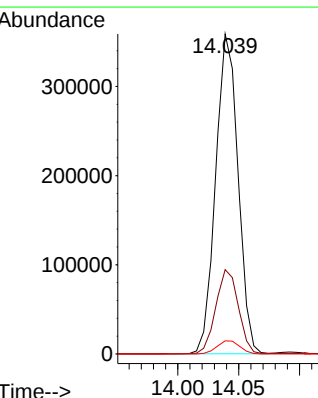
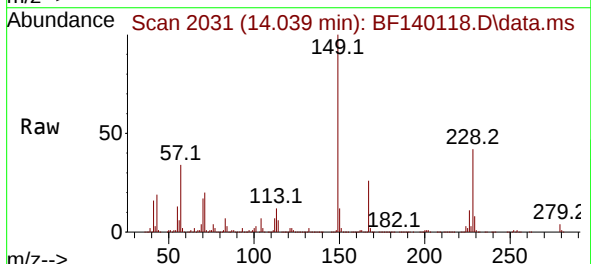
Tgt Ion:149 Resp: 458318

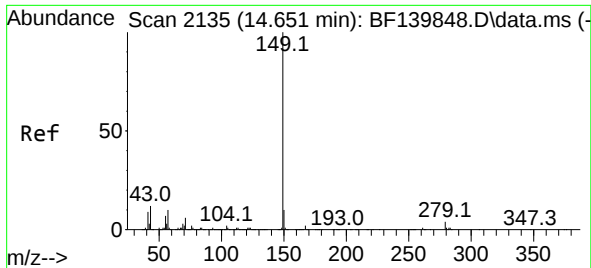
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.1 3.0 4.4





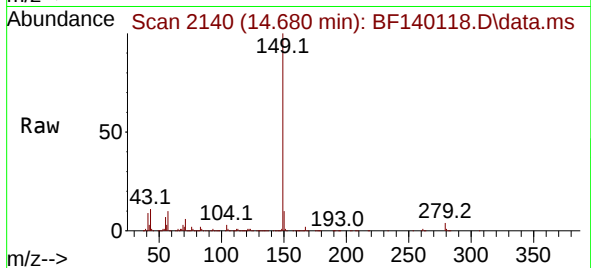
#85
Di-n-octyl phthalate
Concen: 55.256 ng
RT: 14.680 min Scan# 2135
Delta R.T. 0.029 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

Instrument :

BNA_F

ClientSampleId :

BP-F17MSD

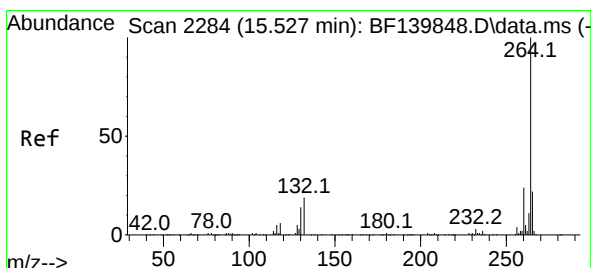
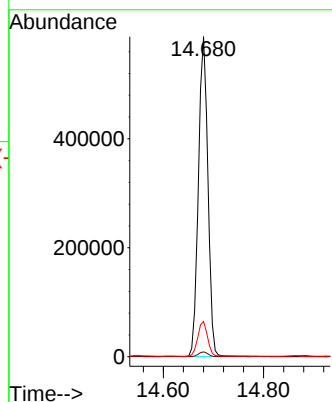
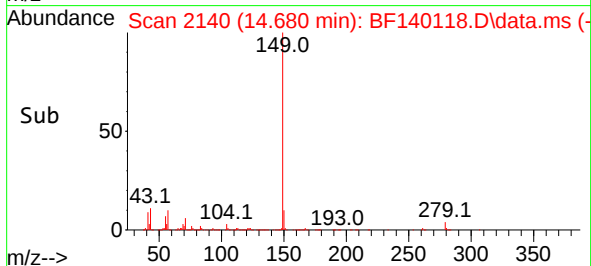


Tgt Ion:149 Resp: 769099
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.8 14.6

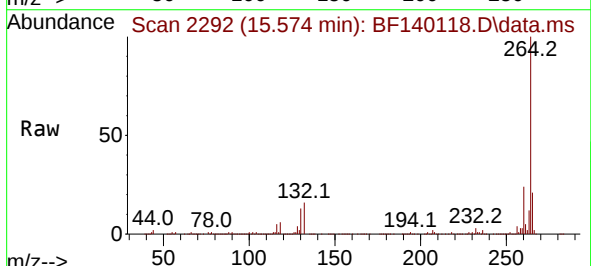
Manual Integrations

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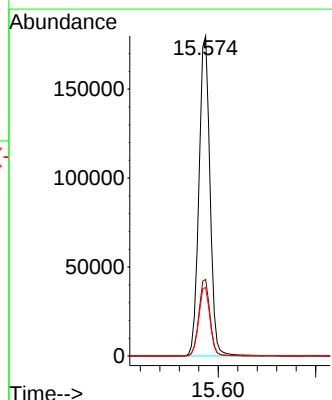
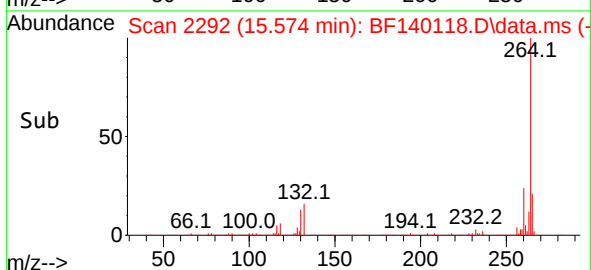
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

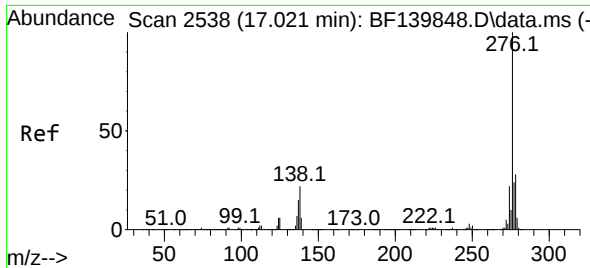


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2292
Delta R.T. 0.047 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



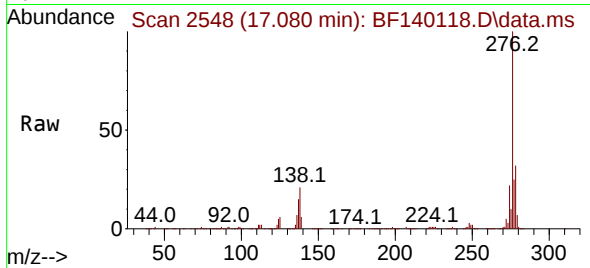
Tgt Ion:264 Resp: 284229
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.191 ng
RT: 17.080 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

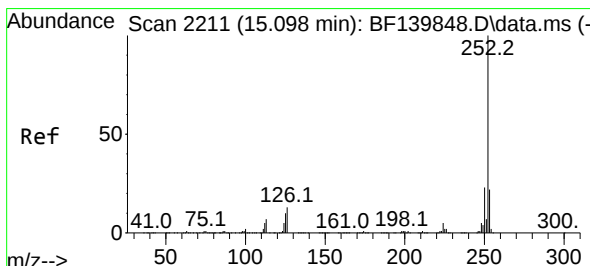
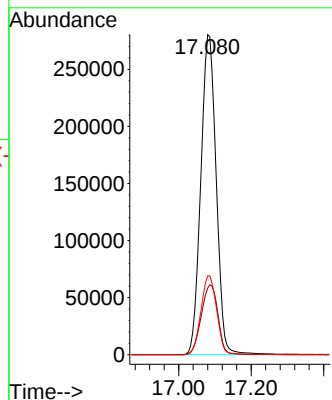
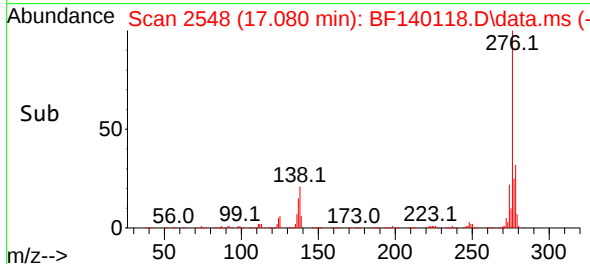
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



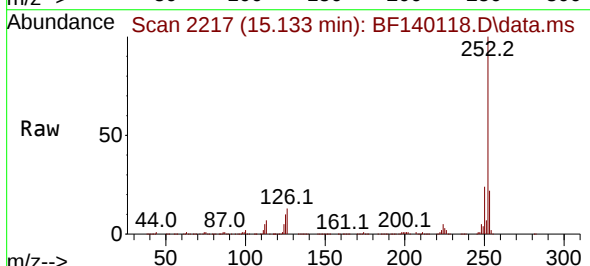
Tgt Ion:276 Resp: 826334
Ion Ratio Lower Upper
276 100
138 23.6 20.4 30.6
277 25.2 20.2 30.4

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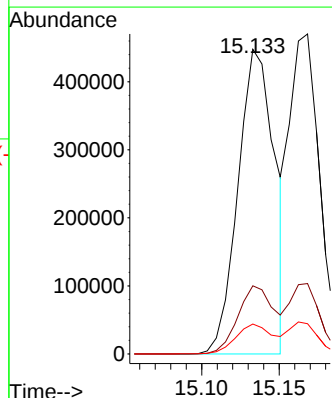
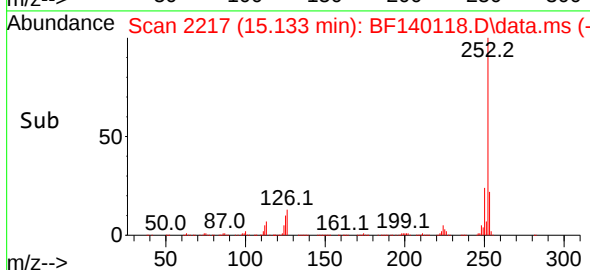
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

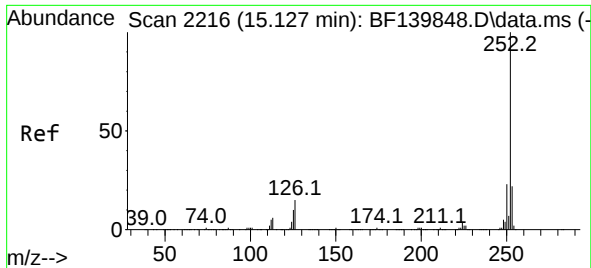


#88
Benzo(b)fluoranthene
Concen: 42.621 ng
RT: 15.133 min Scan# 2217
Delta R.T. 0.035 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



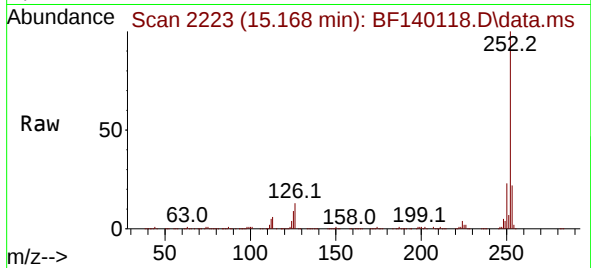
Tgt Ion:252 Resp: 737939
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 43.064 ng
RT: 15.168 min Scan# 2216
Delta R.T. 0.041 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

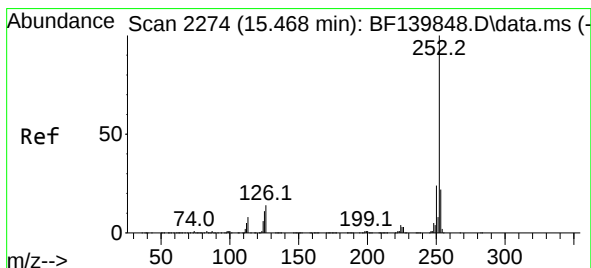
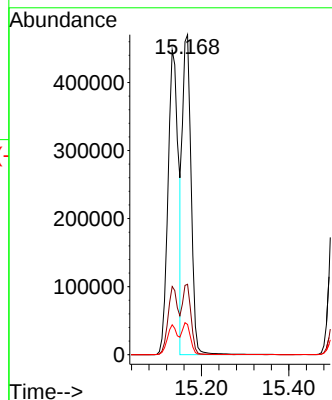
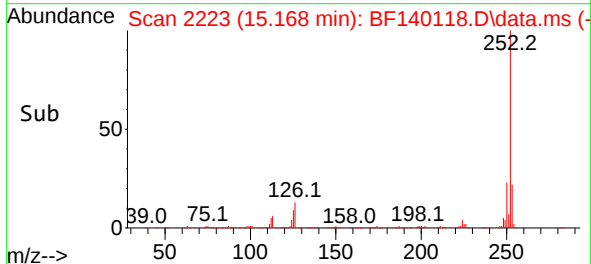
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



Tgt Ion:252 Resp: 64303
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.4 7.9 11.9

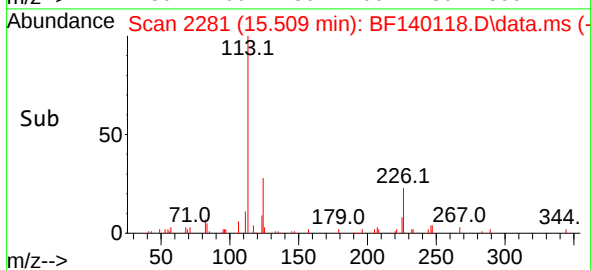
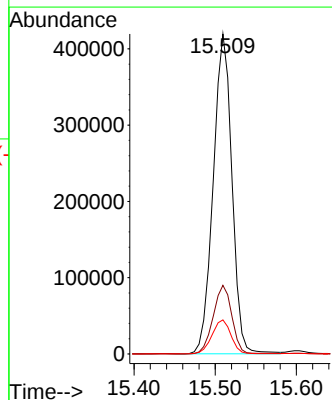
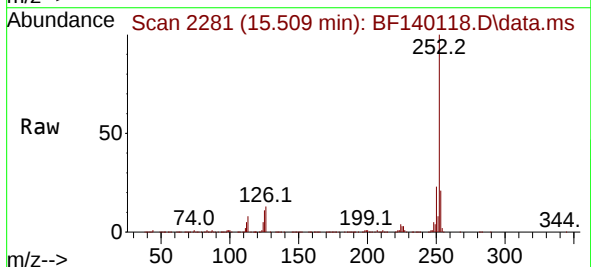
Manual Integrations
APPROVED

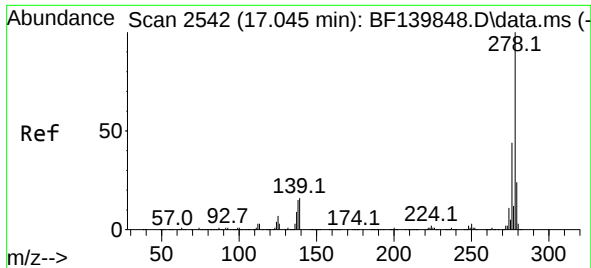
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 47.146 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.041 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

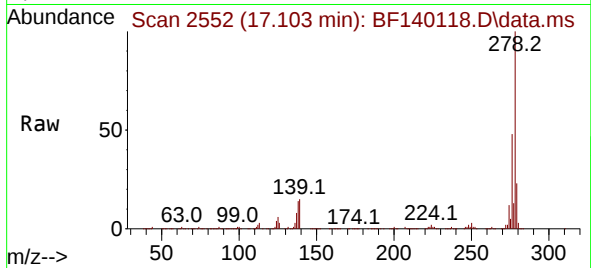
Tgt Ion:252 Resp: 671660
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.6 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 44.126 ng
RT: 17.103 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11

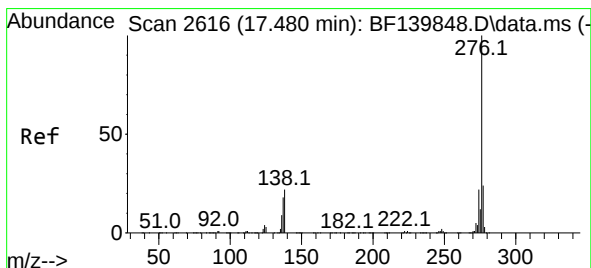
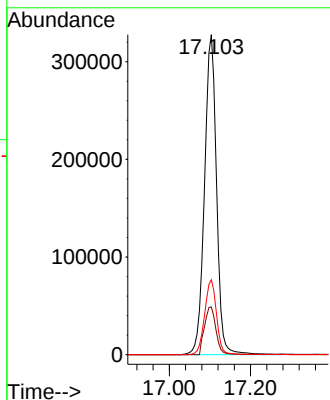
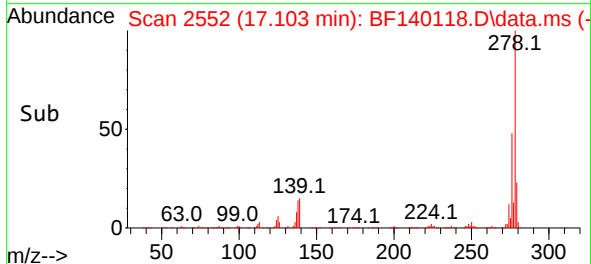
Instrument :
BNA_F
ClientSampleId :
BP-F17MSD



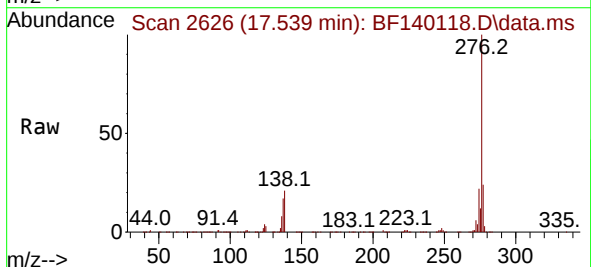
Tgt Ion:278 Resp: 673094
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 23.4 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.256 ng
RT: 17.539 min Scan# 2626
Delta R.T. 0.059 min
Lab File: BF140118.D
Acq: 29 Oct 2024 18:11



Tgt Ion:276 Resp: 613365
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 20.5 17.4 26.0

