

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140092.D
 Acq On : 28 Oct 2024 17:35
 Operator : RC/JU
 Sample : P4545-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215MS

Quant Time: Oct 28 18:05:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	113612	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	441889	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	241647	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	409717	20.000	ng	0.00
76) Chrysene-d12	14.051	240	203129	20.000	ng	0.00
86) Perylene-d12	15.527	264	263019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	977769	134.729	ng	0.02
7) Phenol-d6	6.516	99	1208635	128.587	ng	0.00
23) Nitrobenzene-d5	7.451	82	821761	103.069	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	358712	158.702	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1444688	98.807	ng	0.00
79) Terphenyl-d14	12.998	244	1306207	104.783	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	126476	37.378	ng	# 82
3) Pyridine	3.587	79	189602	22.606	ng	98
4) n-Nitrosodimethylamine	3.516	42	187502	41.610	ng	# 97
6) Aniline	6.557	93	172468	19.688	ng	99
8) 2-Chlorophenol	6.675	128	370207	49.899	ng	99
9) Benzaldehyde	6.440	77	47671	9.016	ng	99
10) Phenol	6.528	94	455016	46.956	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	351685	46.955	ng	99
12) 1,3-Dichlorobenzene	6.834	146	361312	42.425	ng	99
13) 1,4-Dichlorobenzene	6.910	146	367844	43.232	ng	99
14) 1,2-Dichlorobenzene	7.057	146	355662	44.788	ng	99
15) Benzyl Alcohol	7.028	79	347790	50.442	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	584140	45.739	ng	97
17) 2-Methylphenol	7.134	107	310465	49.075	ng	99
18) Hexachloroethane	7.404	117	128123	42.227	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	276089	48.431	ng	95
20) 3+4-Methylphenols	7.287	107	391991	48.443	ng	94
22) Acetophenone	7.298	105	508513	46.983	ng	98
24) Nitrobenzene	7.469	77	408928	46.780	ng	100
25) Isophorone	7.710	82	765851	50.609	ng	99
26) 2-Nitrophenol	7.787	139	189690	57.521	ng	97
27) 2,4-Dimethylphenol	7.816	122	314864	57.260	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	447113	48.767	ng	99
29) 2,4-Dichlorophenol	8.022	162	320220	51.126	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	316171	45.620	ng	100
31) Naphthalene	8.192	128	1066174	46.783	ng	100
32) Benzoic acid	7.898	122	84400	17.598	ng	95
33) 4-Chloroaniline	8.234	127	133599	17.192	ng	98
34) Hexachlorobutadiene	8.310	225	199456	45.805	ng	99
35) Caprolactam	8.604	113	61557	30.909	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	363875	52.467	ng	99
37) 2-Methylnaphthalene	8.881	142	696991	49.937	ng	100
38) 1-Methylnaphthalene	8.981	142	647449	47.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	331367	50.829	ng	99
41) Hexachlorocyclopentadiene	9.034	237	362304	159.719	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	253954	55.021	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	258939	54.376	ng	98
46) 1,1'-Biphenyl	9.345	154	856147	50.894	ng	100
47) 2-Chloronaphthalene	9.375	162	675337	49.845	ng	100
48) 2-Nitroaniline	9.463	65	241309	58.234	ng	97
49) Acenaphthylene	9.786	152	1080746	55.175	ng	99
50) Dimethylphthalate	9.645	163	822973	54.677	ng	99
51) 2,6-Dinitrotoluene	9.710	165	178715	54.837	ng	96
52) Acenaphthene	9.963	154	661593	52.213	ng	99
53) 3-Nitroaniline	9.875	138	131503	39.128	ng	98
54) 2,4-Dinitrophenol	9.980	184	60419	47.508	ng	# 1
55) Dibenzofuran	10.133	168	947629	52.125	ng	100
56) 4-Nitrophenol	10.033	139	254819	98.551	ng	98
57) 2,4-Dinitrotoluene	10.110	165	238568	59.527	ng	99
58) Fluorene	10.475	166	716535	51.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	201940	54.095	ng	98
60) Diethylphthalate	10.345	149	792061	53.595	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	368778	52.737	ng	98
62) 4-Nitroaniline	10.492	138	167633	52.812	ng	98
63) Azobenzene	10.628	77	807556	51.543	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	60965	36.479	ng	94
66) n-Nitrosodiphenylamine	10.586	169	670666	54.692	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	233236	55.258	ng	97
68) Hexachlorobenzene	11.022	284	255815	53.889	ng	98
69) Atrazine	11.110	200	212035	63.831	ng	99
70) Pentachlorophenol	11.216	266	224019	77.757	ng	99
71) Phenanthrene	11.439	178	1031591	53.303	ng	100
72) Anthracene	11.492	178	1041472	55.155	ng	100
73) Carbazole	11.639	167	882304	50.241	ng	100
74) Di-n-butylphthalate	11.969	149	1119955	55.199	ng	100
75) Fluoranthene	12.627	202	912791	46.655	ng	99
77) Benzidine	12.745	184	17706	5.301	ng	98
78) Pyrene	12.851	202	903442	50.811	ng	100
80) Butylbenzylphthalate	13.469	149	345144	64.747	ng	99
81) Benzo(a)anthracene	14.039	228	724089	54.760	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	185837	48.202	ng	100
83) Chrysene	14.080	228	701255	57.841	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	456891	76.394	ng	100
85) Di-n-octyl phthalate	14.639	149	793362	72.931	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	775966	45.859	ng	98
88) Benzo(b)fluoranthene	15.098	252	831851	51.919	ng	99
89) Benzo(k)fluoranthene	15.127	252	782283	56.615	ng	99
90) Benzo(a)pyrene	15.468	252	780503	59.203	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	651067	46.124	ng	99
92) Benzo(g,h,i)perylene	17.474	276	529084	37.525	ng	99

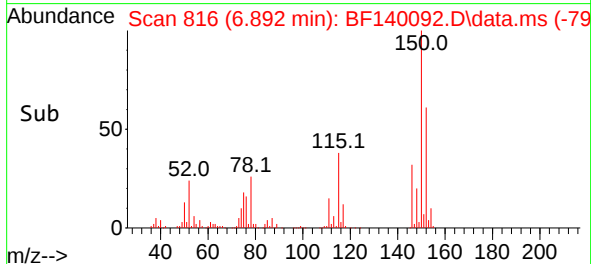
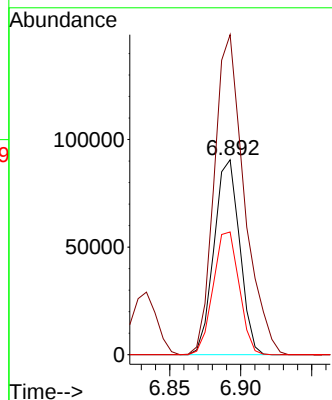
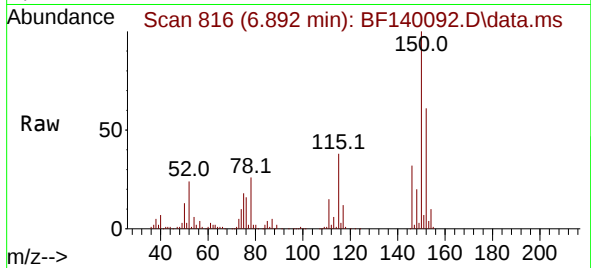
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF140092.D
 Acq: 28 Oct 2024 17:35

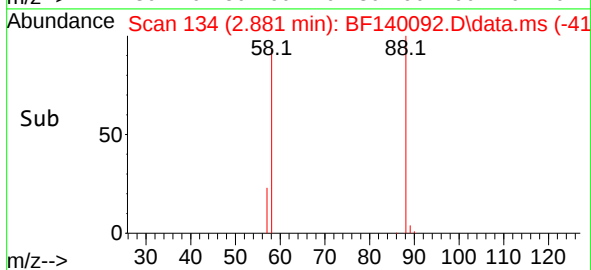
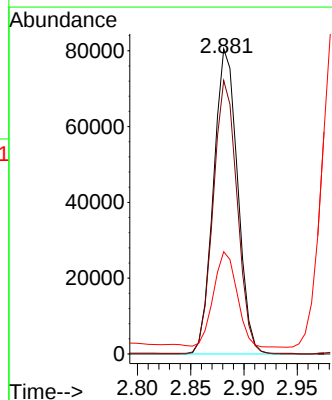
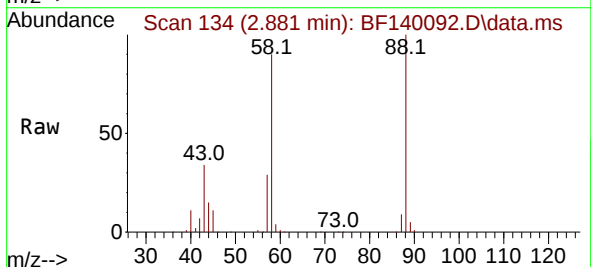
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215MS

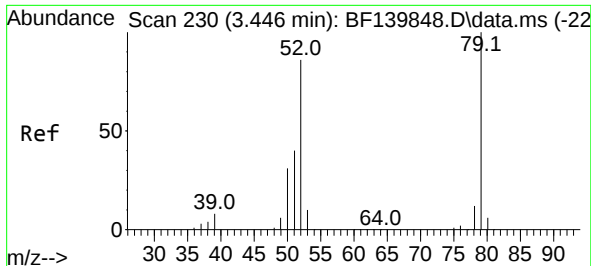
Tgt Ion:152 Resp: 113612
 Ion Ratio Lower Upper
 152 100
 150 164.2 130.2 195.2
 115 63.0 51.4 77.2



#2
 1,4-Dioxane
 Concen: 37.378 ng
 RT: 2.881 min Scan# 134
 Delta R.T. 0.194 min
 Lab File: BF140092.D
 Acq: 28 Oct 2024 17:35

Tgt Ion: 88 Resp: 126476
 Ion Ratio Lower Upper
 88 100
 58 89.6 73.3 109.9
 43 0.0 27.1 40.7#





#3

Pyridine

Concen: 22.606 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.141 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

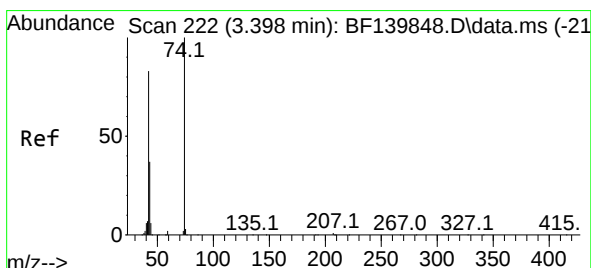
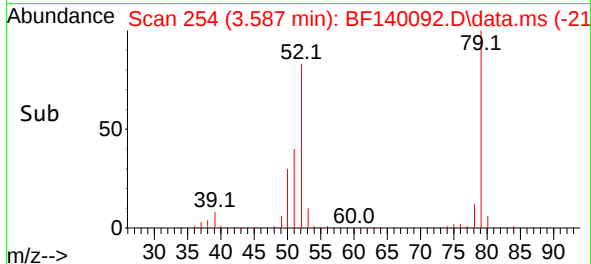
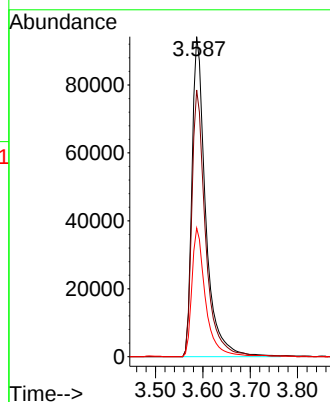
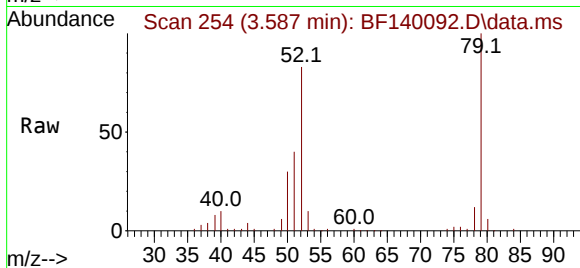
Tgt Ion: 79 Resp: 189602

Ion Ratio Lower Upper

79 100

52 83.4 68.5 102.7

51 40.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 41.610 ng

RT: 3.516 min Scan# 242

Delta R.T. 0.118 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

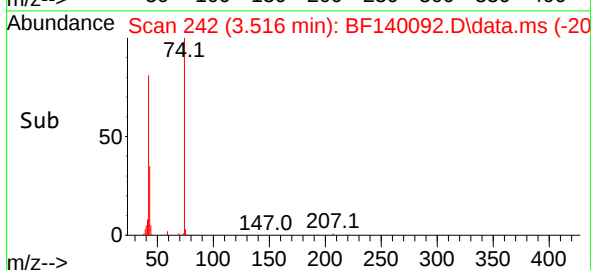
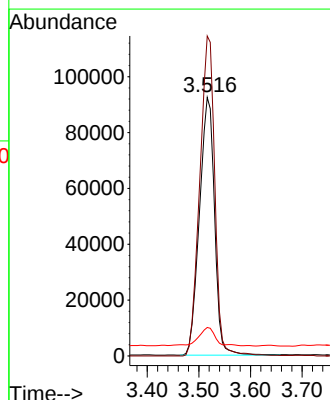
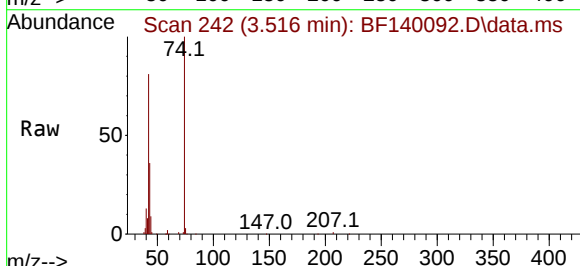
Tgt Ion: 42 Resp: 187502

Ion Ratio Lower Upper

42 100

74 123.8 96.2 144.4

44 11.0 6.2 9.2#

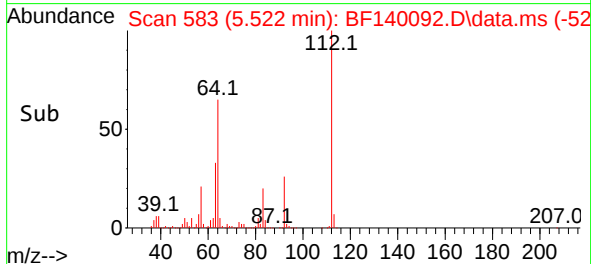
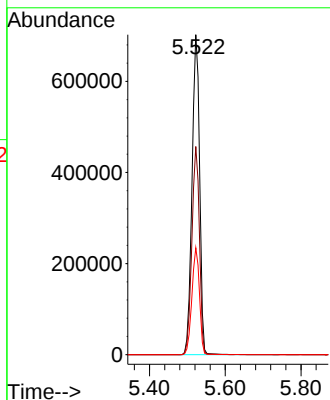
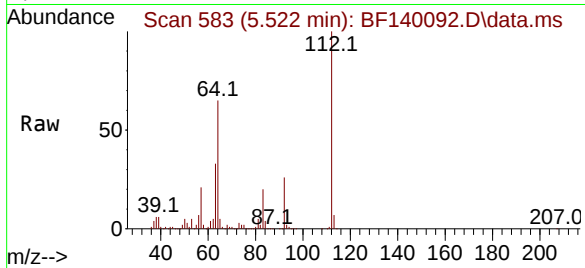




#5
2-Fluorophenol
Concen: 134.729 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

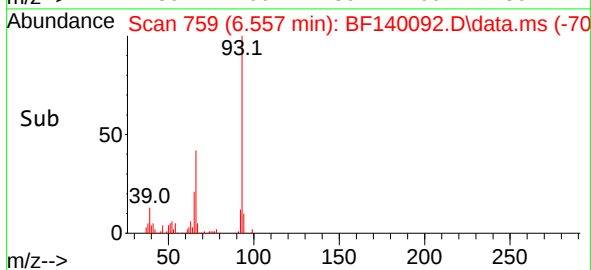
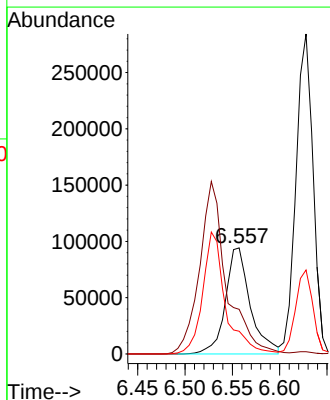
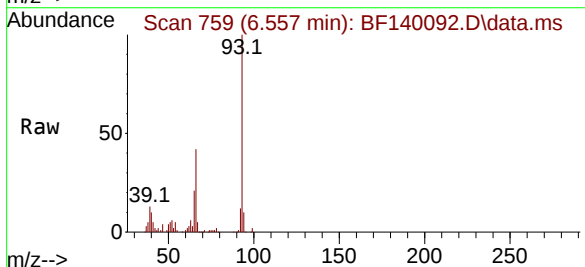
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:112 Resp: 977769
Ion Ratio Lower Upper
112 100
64 65.0 53.0 79.6
63 33.4 27.0 40.4



#6
Aniline
Concen: 19.688 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion: 93 Resp: 172468
Ion Ratio Lower Upper
93 100
66 42.0 34.0 51.0
65 21.4 17.4 26.0





#7

Phenol-d6

Concen: 128.587 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

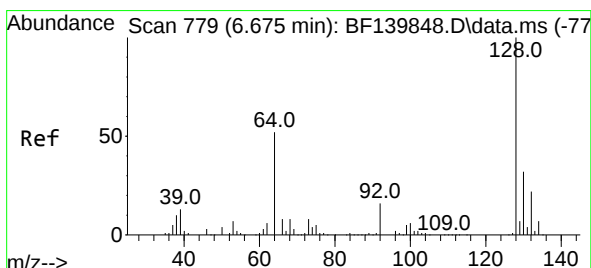
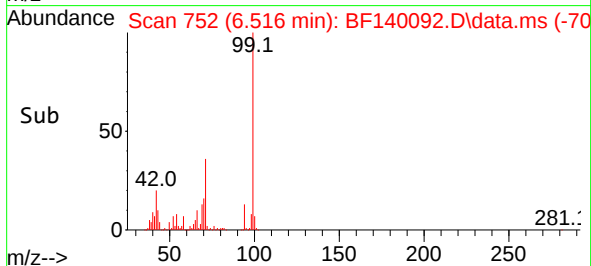
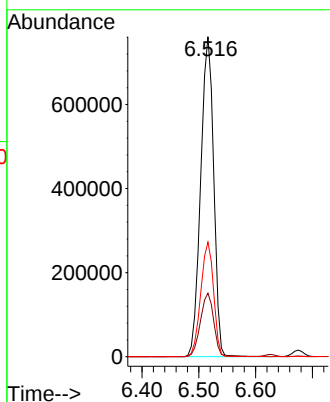
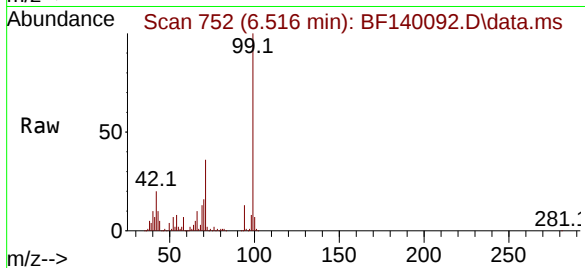
Tgt Ion: 99 Resp: 1208635

Ion Ratio Lower Upper

99 100

42 19.9 16.7 25.1

71 35.8 27.7 41.5



#8

2-Chlorophenol

Concen: 49.899 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

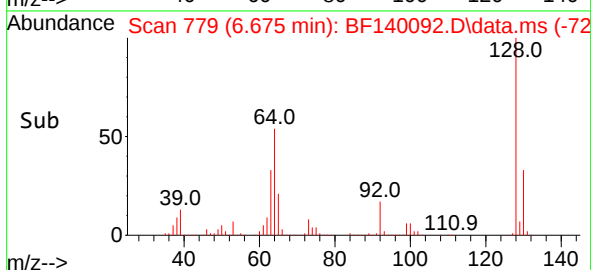
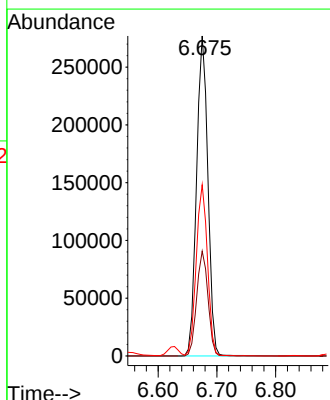
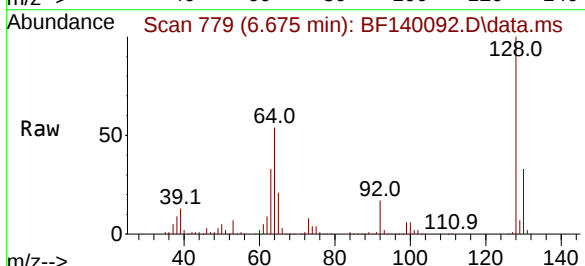
Tgt Ion:128 Resp: 370207

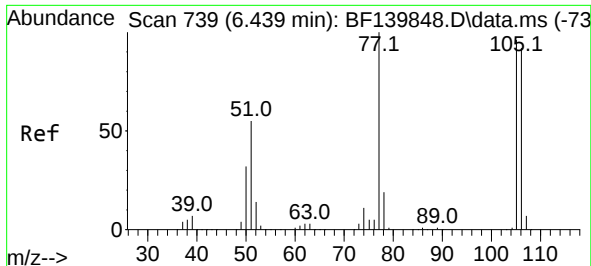
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 53.5 34.6 74.6



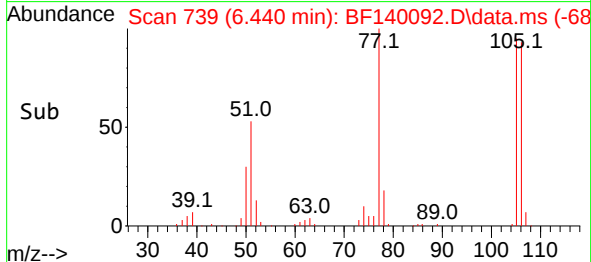
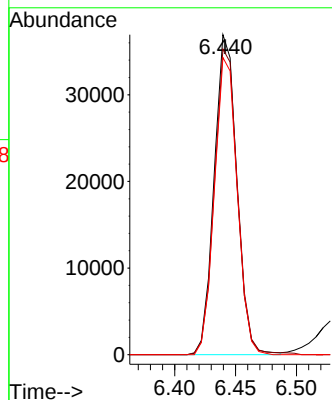
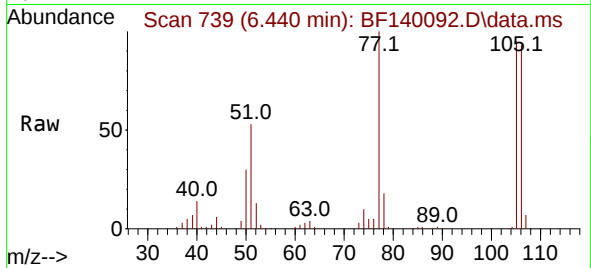


#9
Benzaldehyde
Concen: 9.016 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion: 77 Resp: 47671

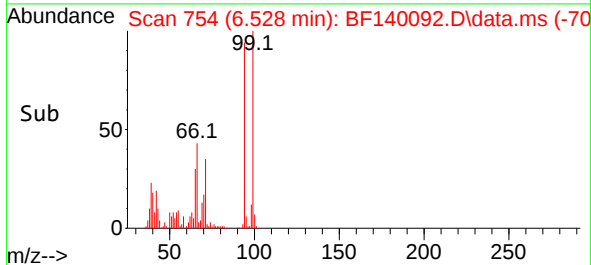
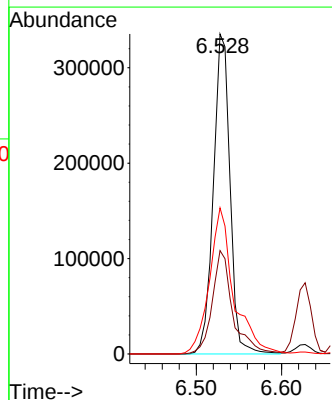
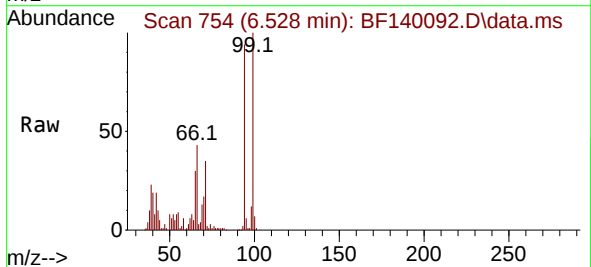
Ion	Ratio	Lower	Upper
77	100		
105	95.5	75.5	115.5
106	92.9	71.7	111.7



#10
Phenol
Concen: 46.956 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion: 94 Resp: 455016

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





#11

bis(2-Chloroethyl)ether

Concen: 46.955 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

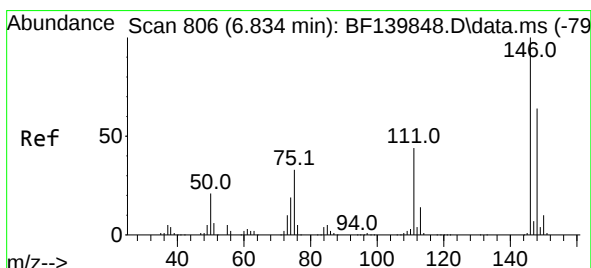
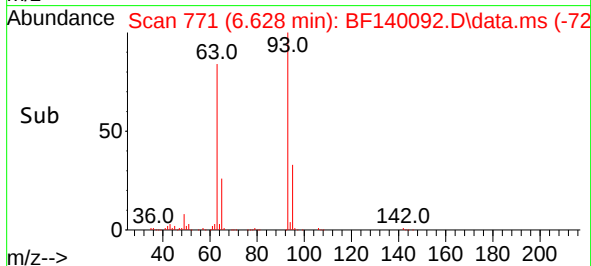
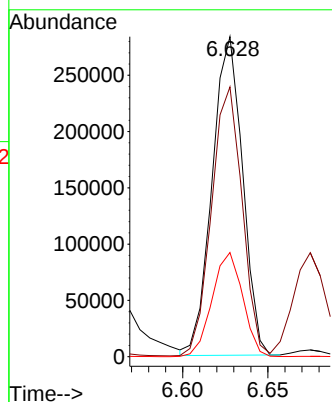
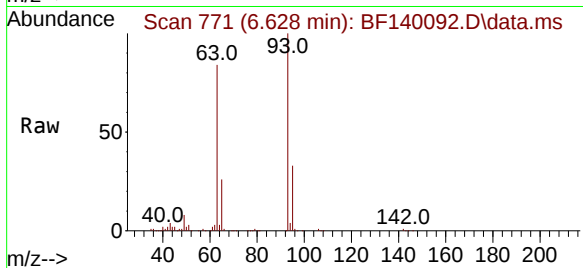
Tgt Ion: 93 Resp: 351685

Ion Ratio Lower Upper

93 100

63 84.3 65.0 105.0

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.425 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

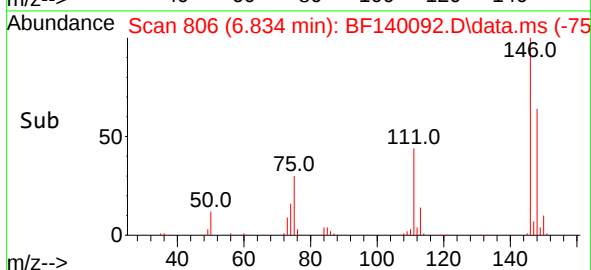
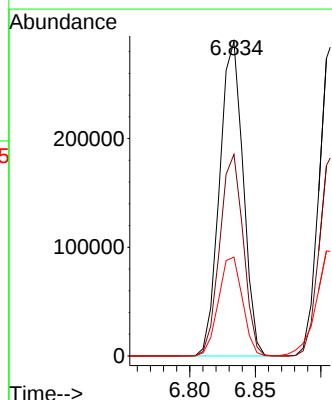
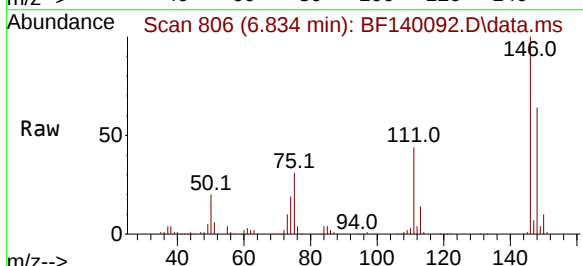
Tgt Ion:146 Resp: 361312

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

75 31.4 26.4 39.6

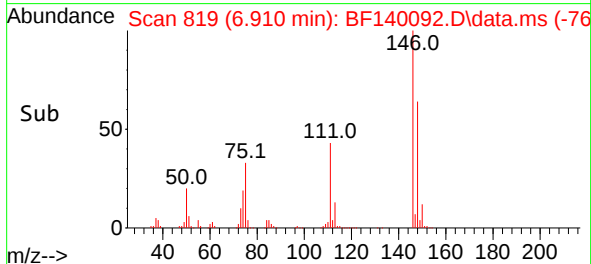
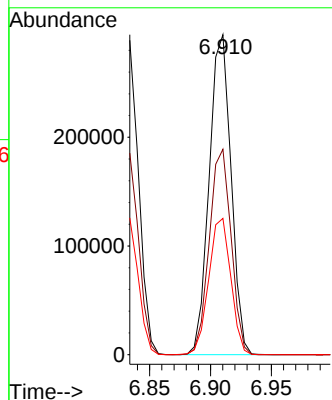
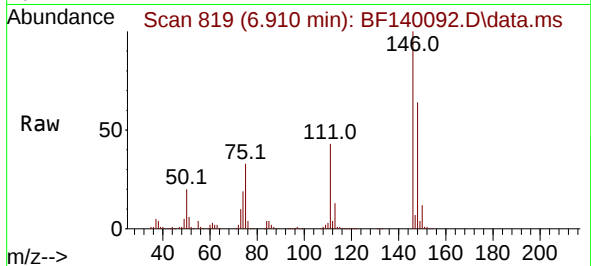




#13
1,4-Dichlorobenzene
Concen: 43.232 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

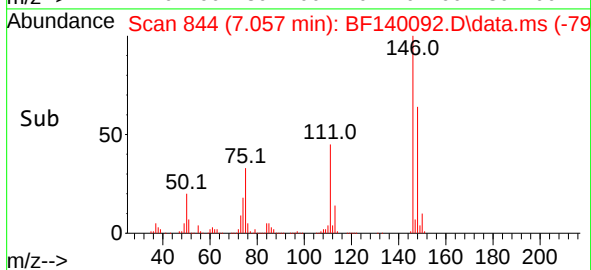
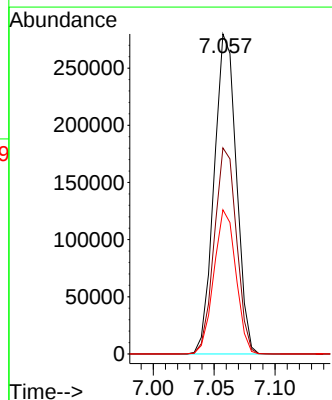
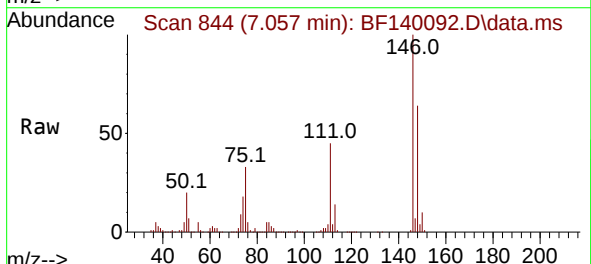
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:146 Resp: 367844
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.6 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 44.788 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:146 Resp: 355662
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 45.0 36.7 55.1

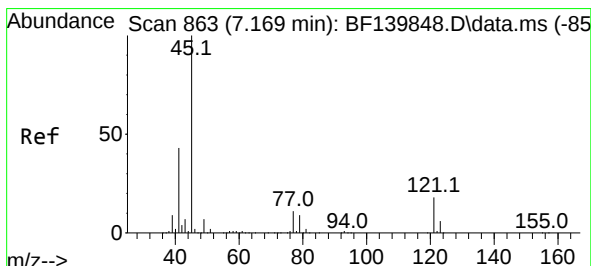
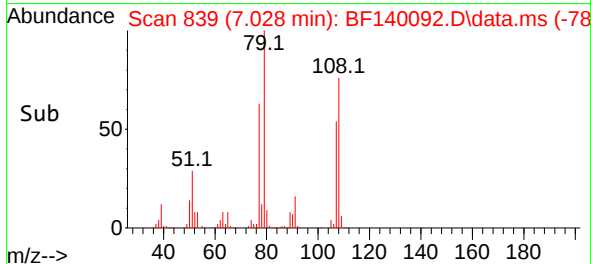
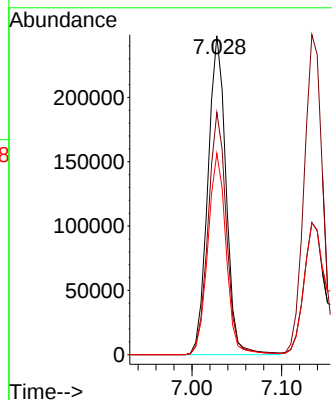
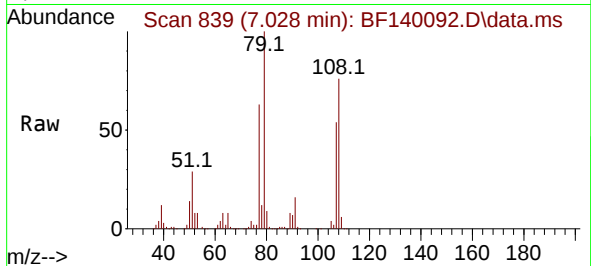




#15
Benzyl Alcohol
Concen: 50.442 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

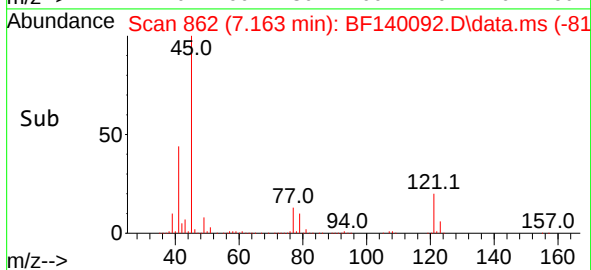
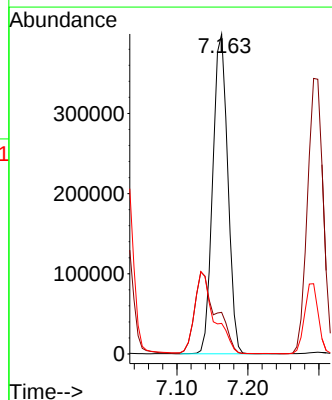
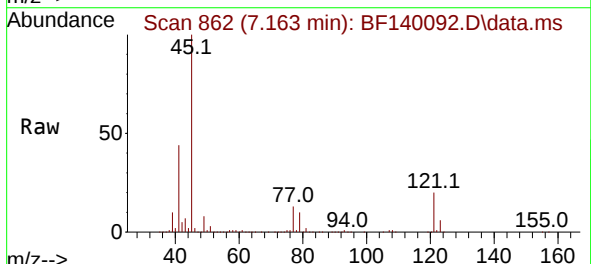
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

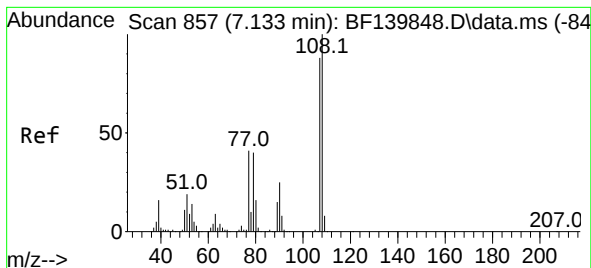
Tgt Ion: 79 Resp: 347790
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 63.1 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.739 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion: 45 Resp: 584140
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.5
79 9.6 0.0 29.1





#17

2-Methylphenol

Concen: 49.075 ng

RT: 7.134 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

Tgt Ion:107 Resp: 310465

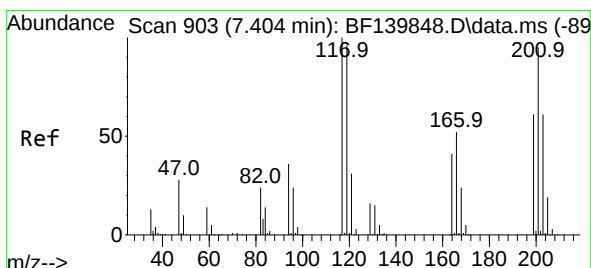
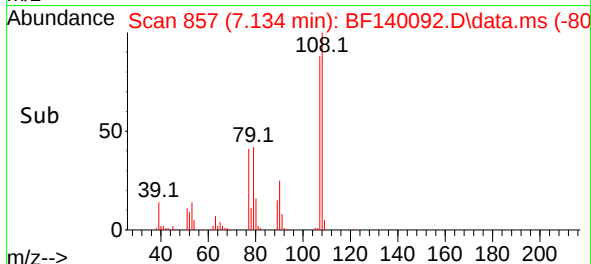
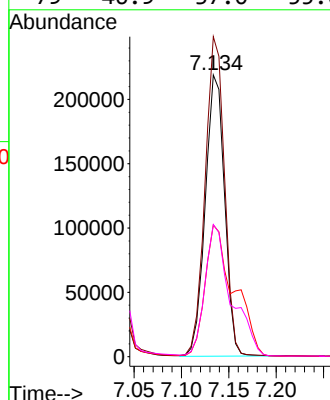
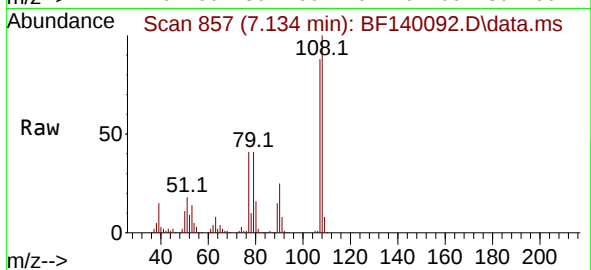
Ion Ratio Lower Upper

107 100

108 113.6 91.3 136.9

77 46.7 37.1 55.7

79 46.9 37.0 55.6



#18

Hexachloroethane

Concen: 42.227 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

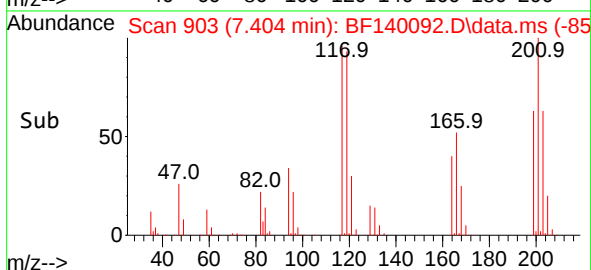
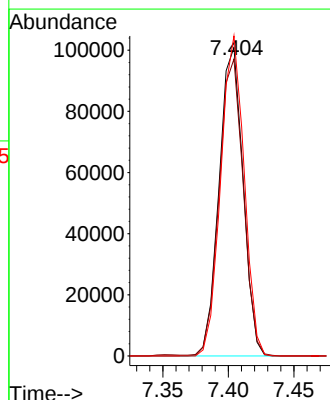
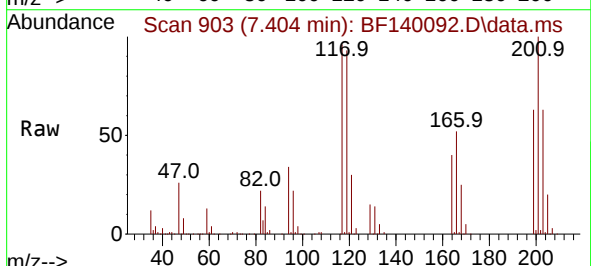
Tgt Ion:117 Resp: 128123

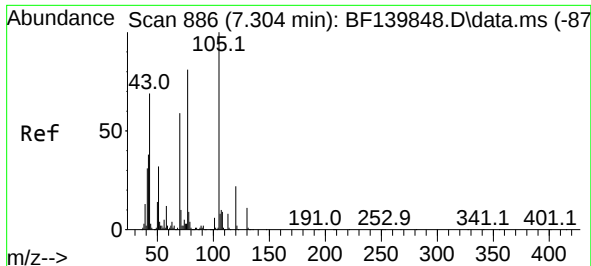
Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.4

201 103.7 76.2 114.4



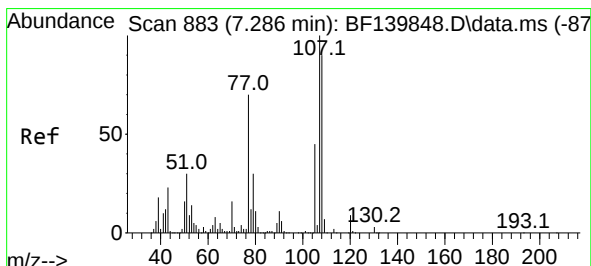
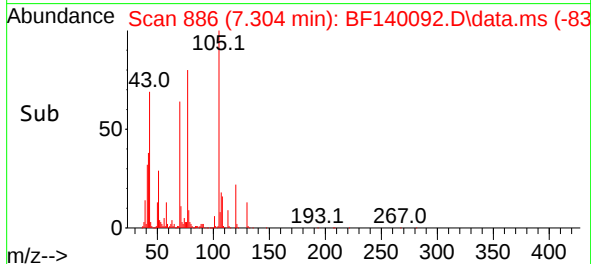
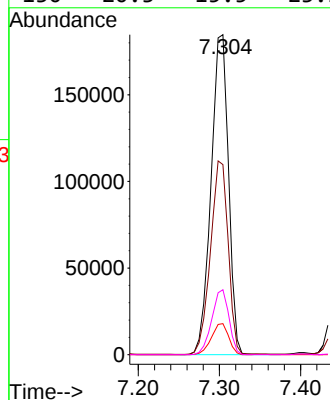
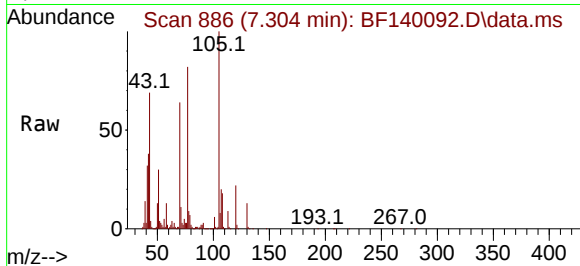


#19
n-Nitroso-di-n-propylamine
Concen: 48.431 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion: 70 Resp: 276089

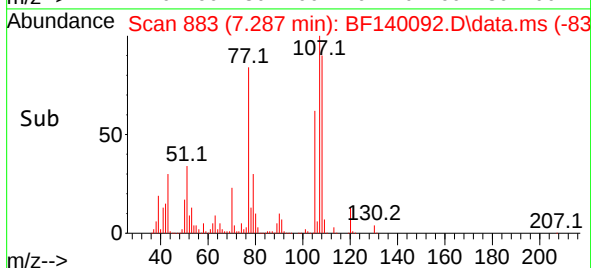
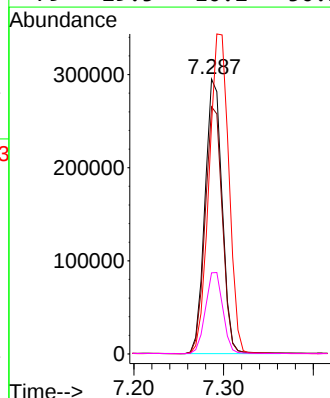
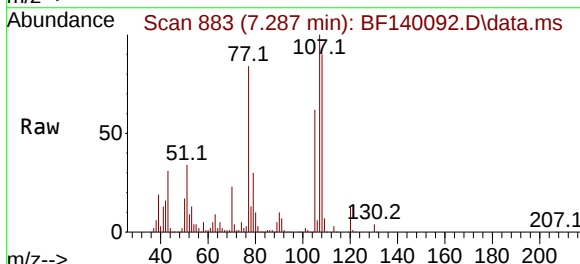
Ion	Ratio	Lower	Upper
70	100		
42	59.4	51.5	77.3
101	9.7	7.5	11.3
130	20.3	15.5	23.3

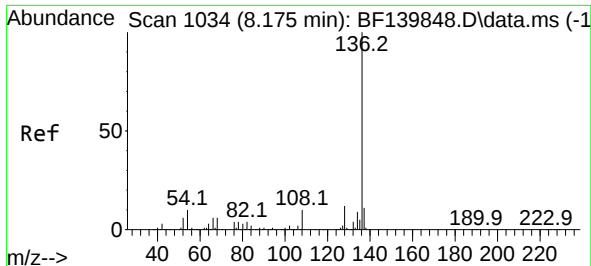


#20
3+4-Methylphenols
Concen: 48.443 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion: 107 Resp: 391991

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.8	109.8
77	83.7	50.5	90.5
79	29.5	10.2	50.2



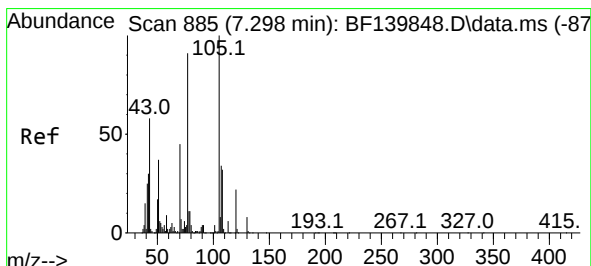
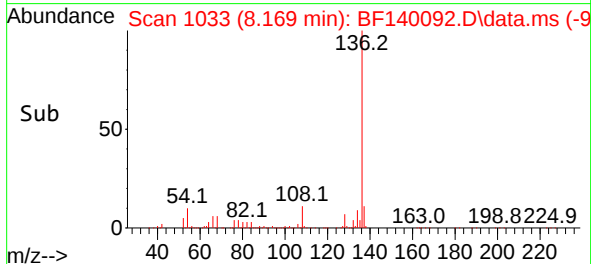
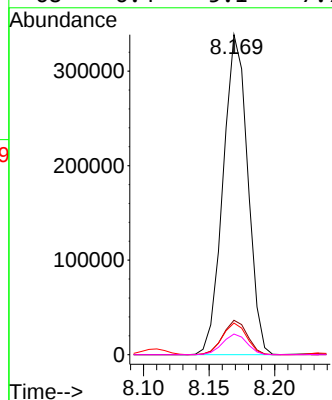
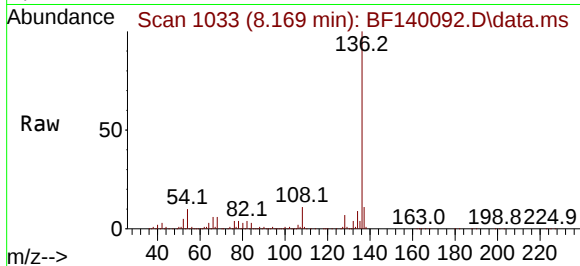


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:136 Resp: 441889

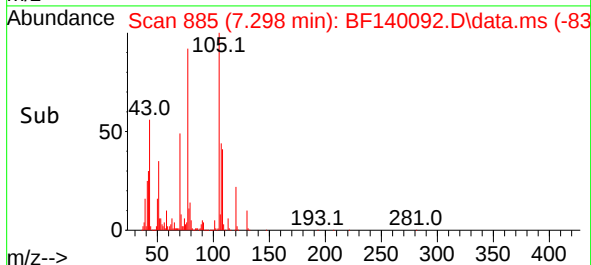
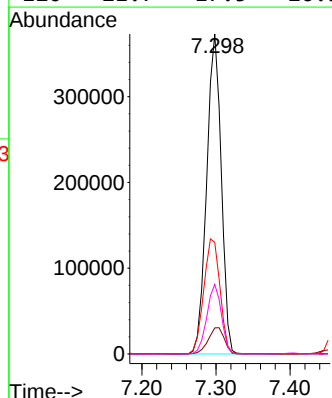
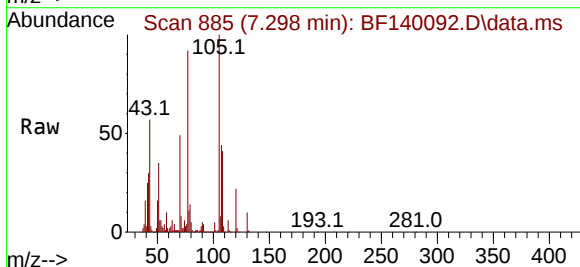
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.9	8.4	12.6
68	6.4	5.1	7.7



#22
Acetophenone
Concen: 46.983 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:105 Resp: 508513

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.9	8.9
51	34.9	29.4	44.2
120	21.7	17.5	26.3

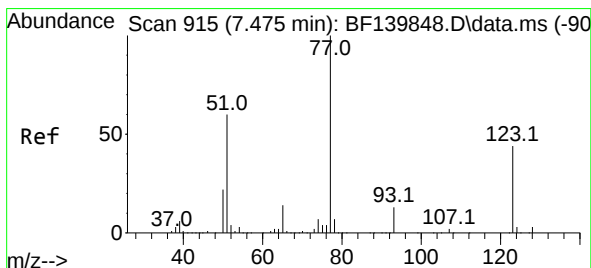
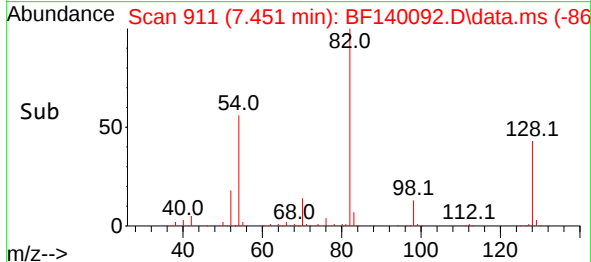
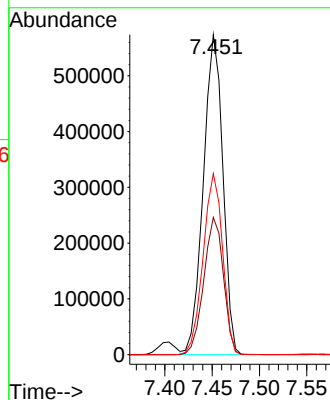
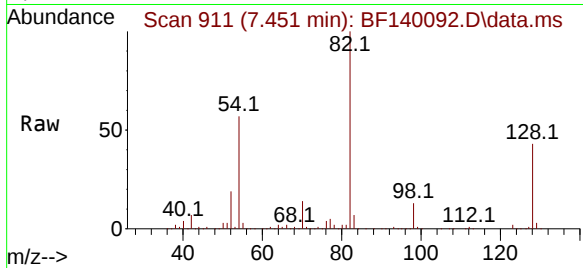




#23
Nitrobenzene-d5
Concen: 103.069 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

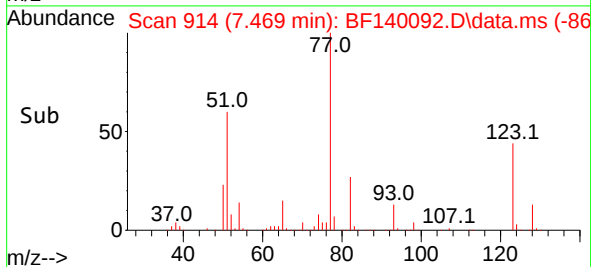
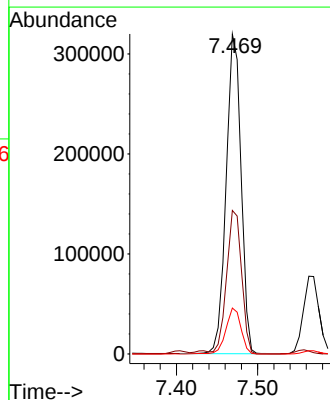
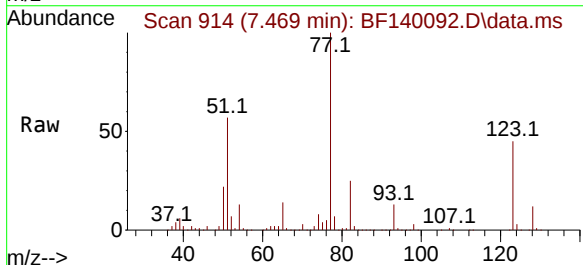
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion: 82 Resp: 821761
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.0
54 56.6 47.8 71.8



#24
Nitrobenzene
Concen: 46.780 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion: 77 Resp: 408928
Ion Ratio Lower Upper
77 100
123 44.8 35.7 53.5
65 14.4 11.5 17.3

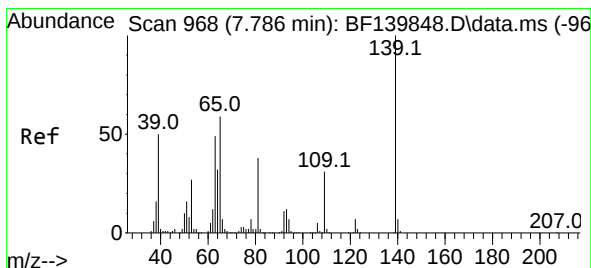
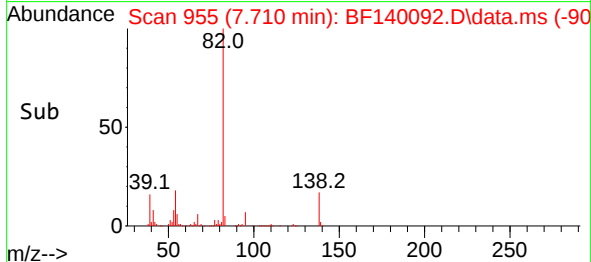
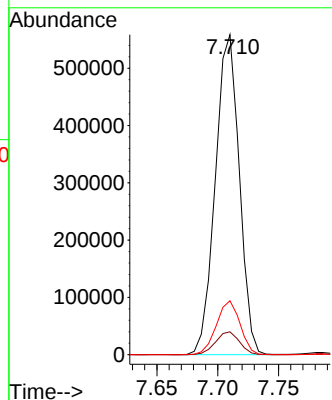
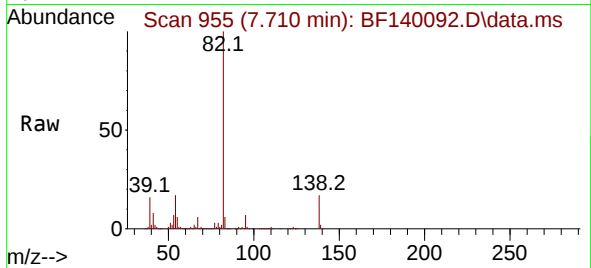




#25
Isophorone
Concen: 50.609 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

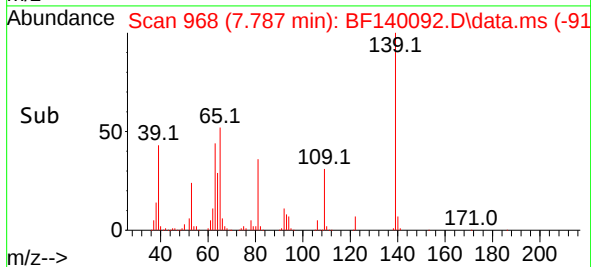
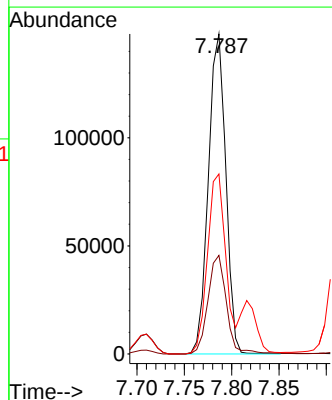
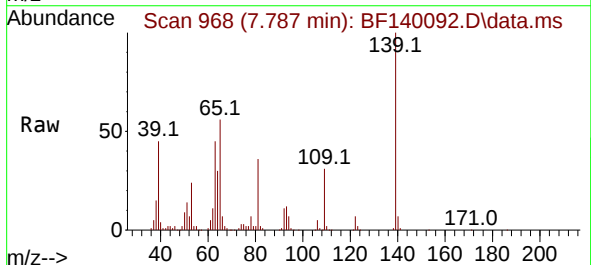
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion: 82 Resp: 765851
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 57.521 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:139 Resp: 189690
Ion Ratio Lower Upper
139 100
109 30.8 25.1 37.7
65 56.2 47.5 71.3

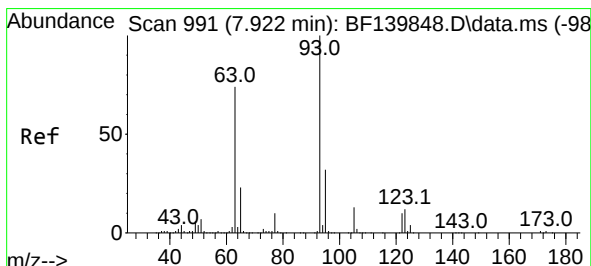
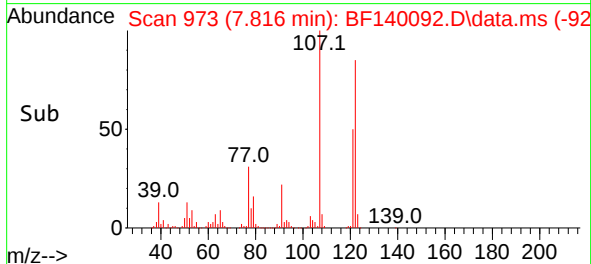
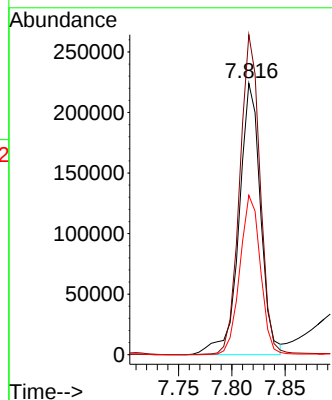
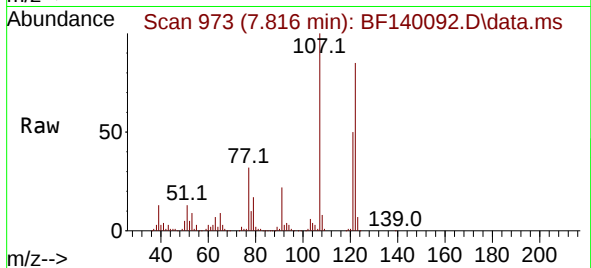




#27
2,4-Dimethylphenol
Concen: 57.260 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

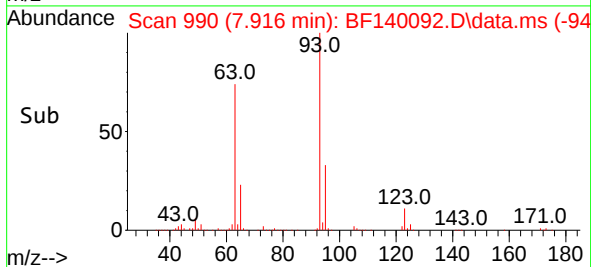
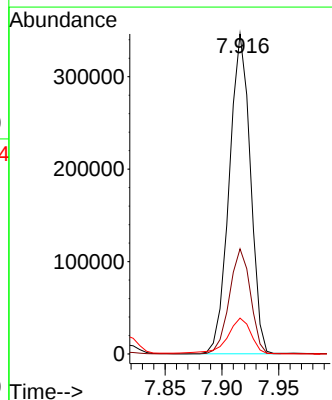
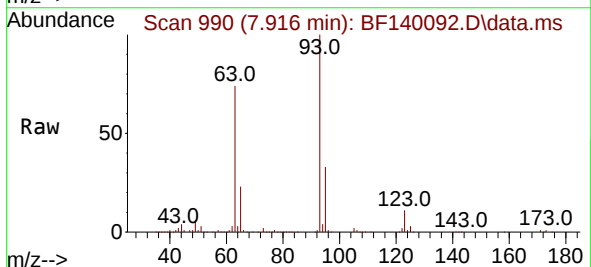
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:122 Resp: 314864
Ion Ratio Lower Upper
122 100
107 117.9 91.9 137.9
121 58.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.767 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion: 93 Resp: 447113
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.126 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

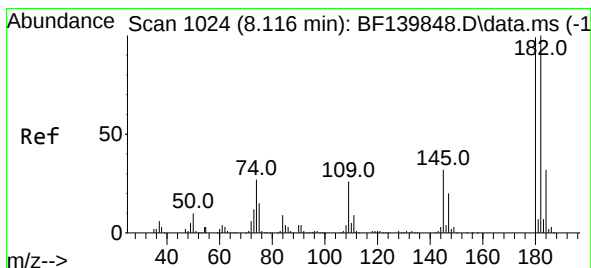
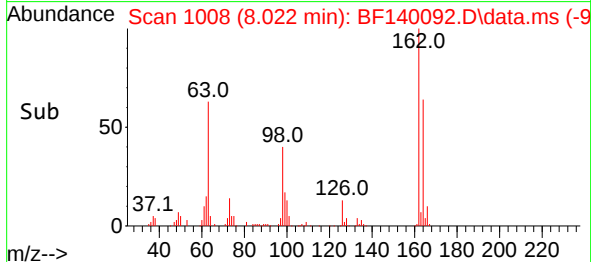
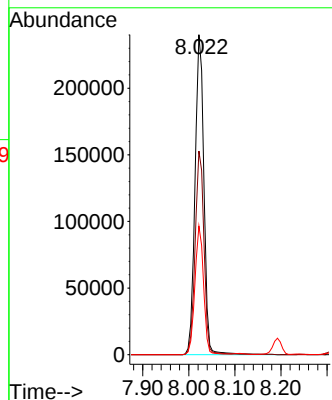
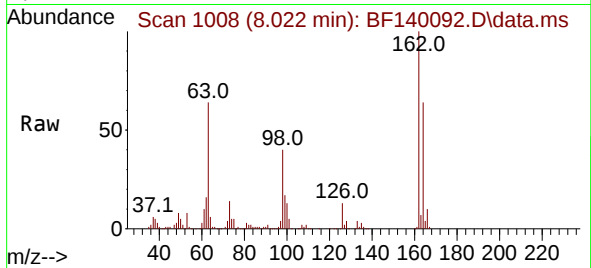
Tgt Ion:162 Resp: 320220

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 40.2 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 45.620 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

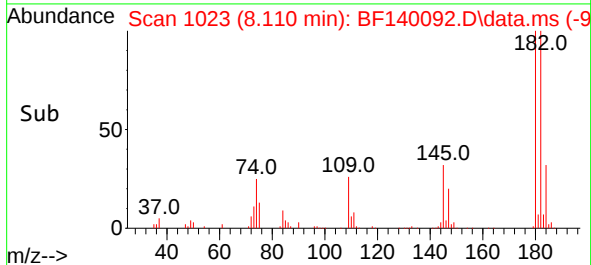
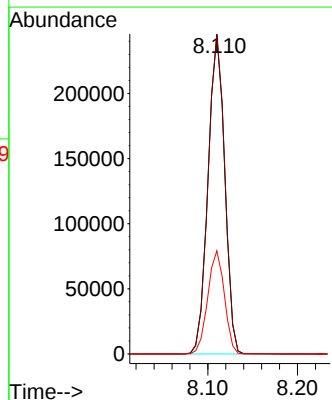
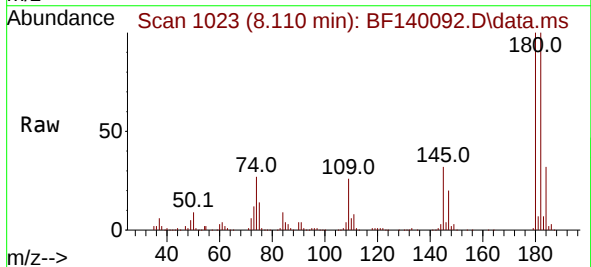
Tgt Ion:180 Resp: 316171

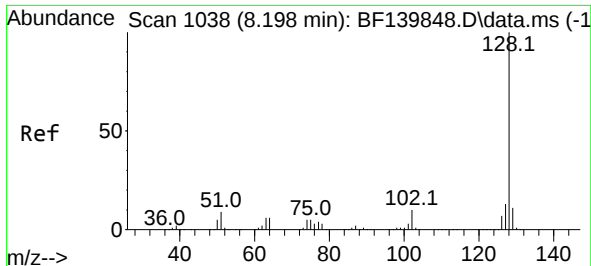
Ion Ratio Lower Upper

180 100

182 100.3 80.5 120.7

145 32.3 25.4 38.0

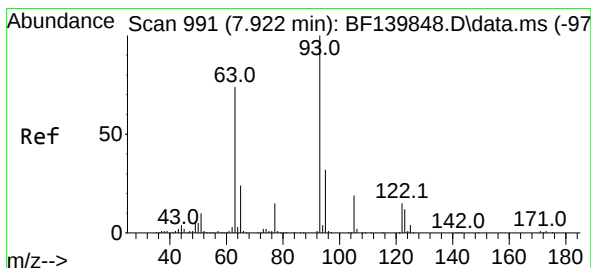
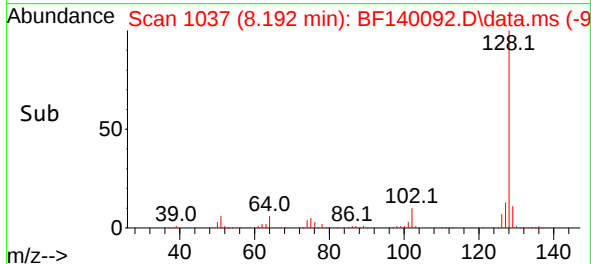
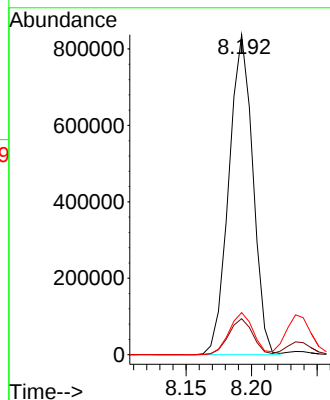
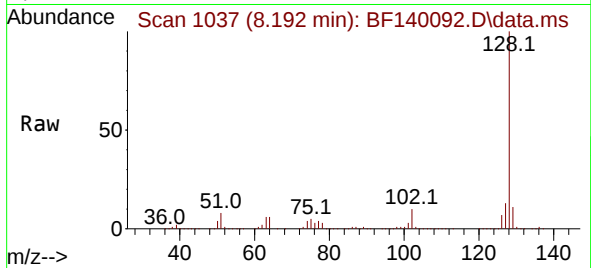




#31
Naphthalene
Concen: 46.783 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

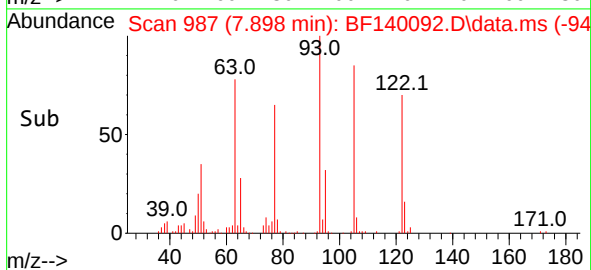
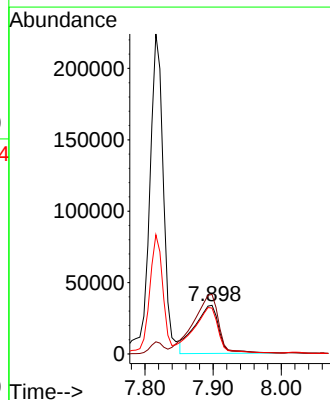
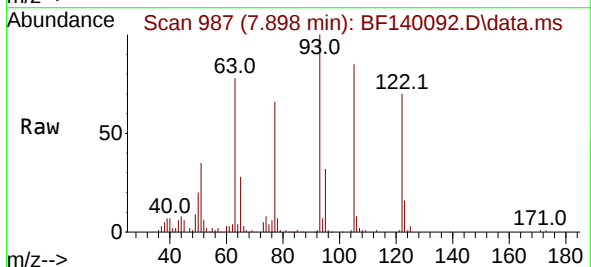
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:128 Resp: 1066174
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 17.598 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.024 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:122 Resp: 84400
Ion Ratio Lower Upper
122 100
105 122.6 107.6 147.6
77 94.4 80.2 120.2





#33

4-Chloroaniline

Concen: 17.192 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

Tgt Ion:127 Resp: 133599

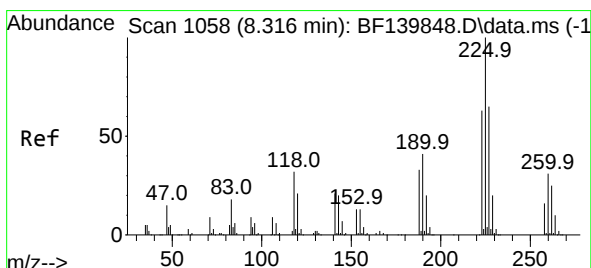
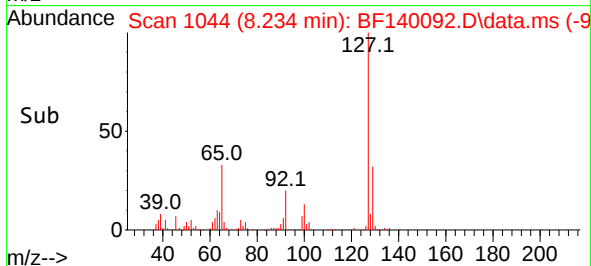
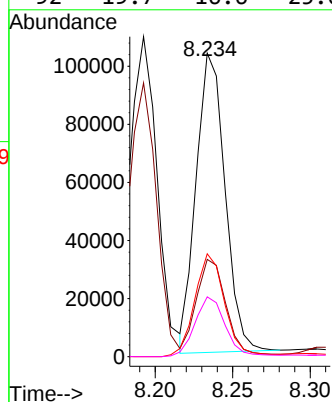
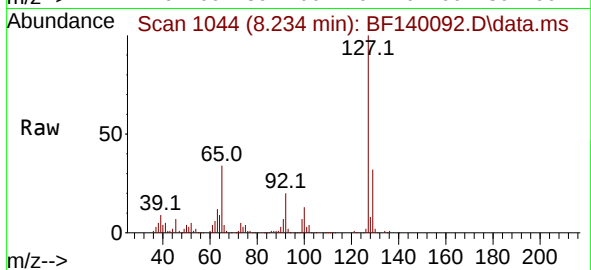
Ion Ratio Lower Upper

127 100

129 32.0 25.4 38.2

65 33.9 28.4 42.6

92 19.7 16.6 25.0



#34

Hexachlorobutadiene

Concen: 45.805 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

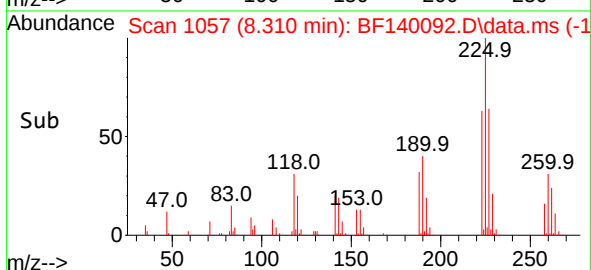
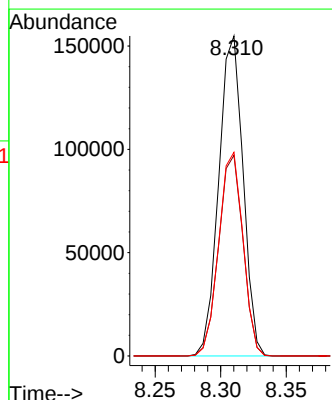
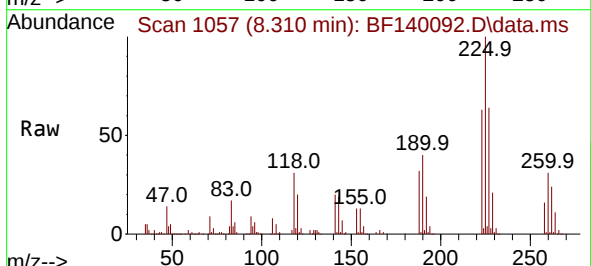
Tgt Ion:225 Resp: 199456

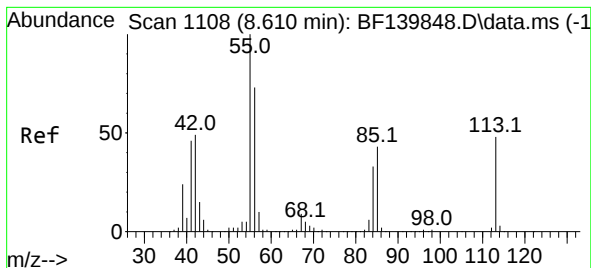
Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

227 63.7 51.8 77.8





#35

Caprolactam

Concen: 30.909 ng

RT: 8.604 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

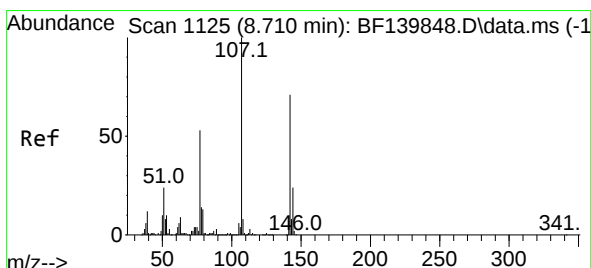
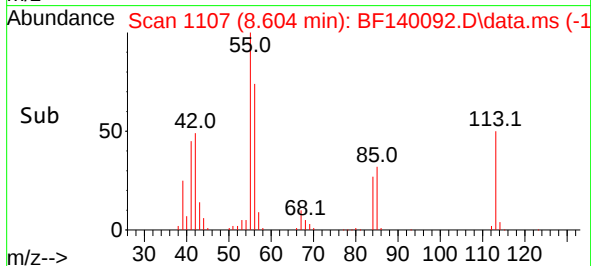
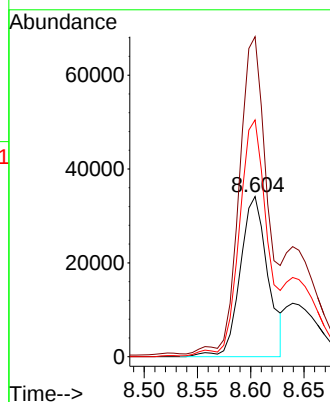
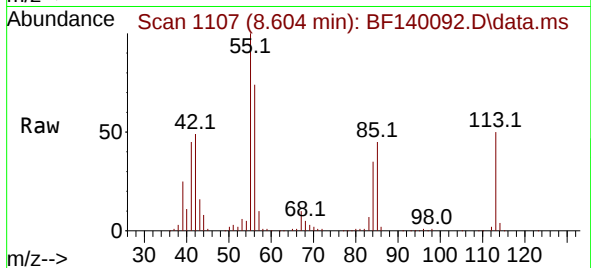
Tgt Ion:113 Resp: 61557

Ion Ratio Lower Upper

113 100

55 199.8 189.2 229.2

56 147.9 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 52.467 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

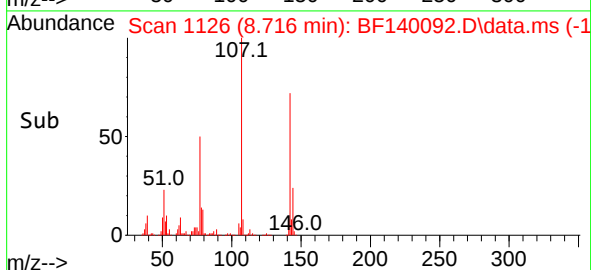
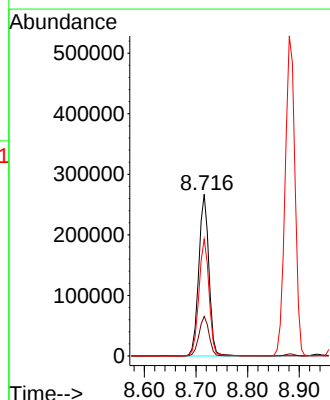
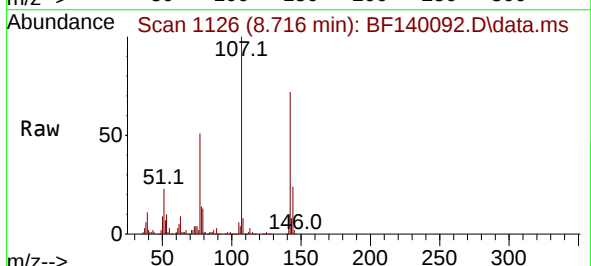
Tgt Ion:107 Resp: 363875

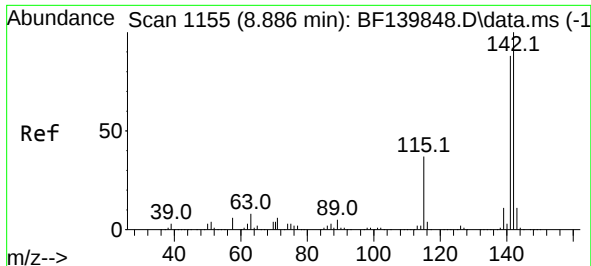
Ion Ratio Lower Upper

107 100

144 24.4 19.1 28.7

142 72.4 57.2 85.8

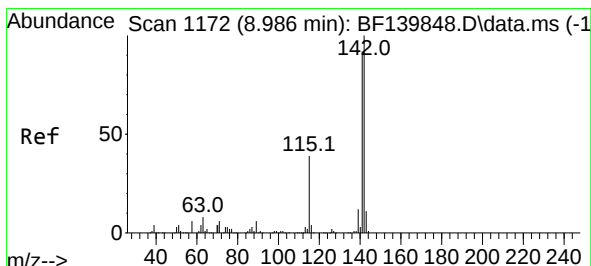
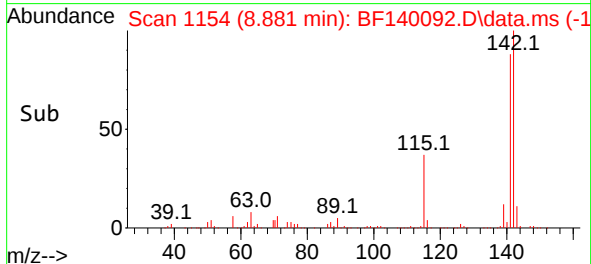
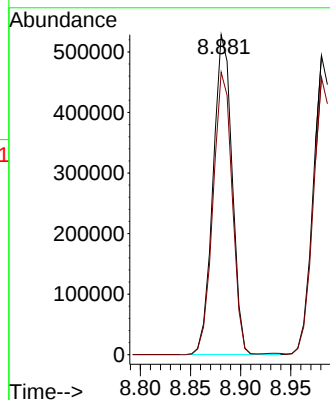
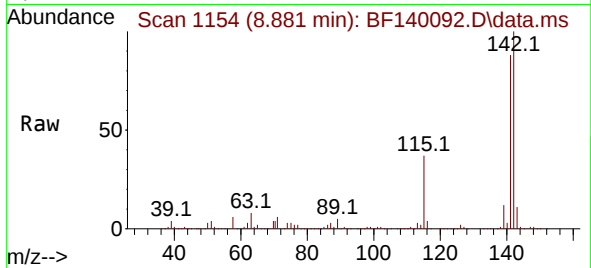




#37
2-Methylnaphthalene
Concen: 49.937 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

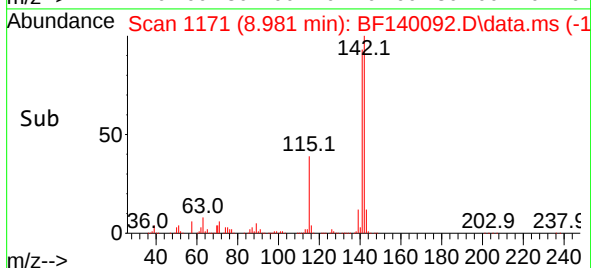
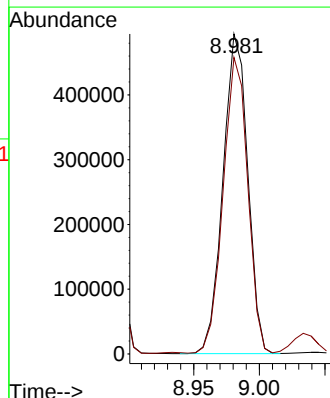
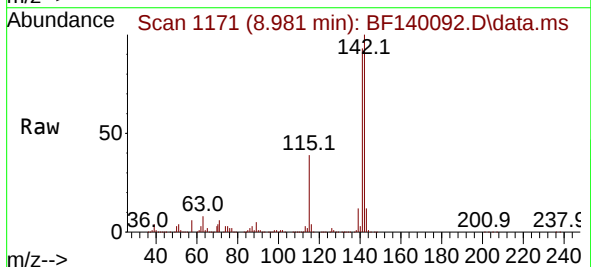
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

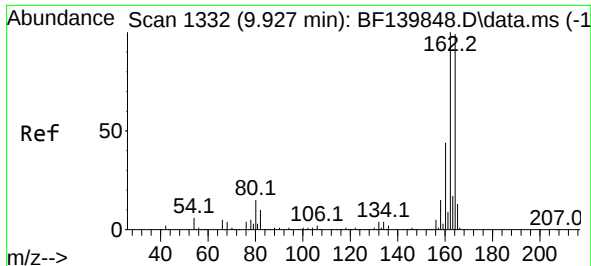
Tgt Ion:142 Resp: 696991
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2



#38
1-Methylnaphthalene
Concen: 47.280 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:142 Resp: 647449
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

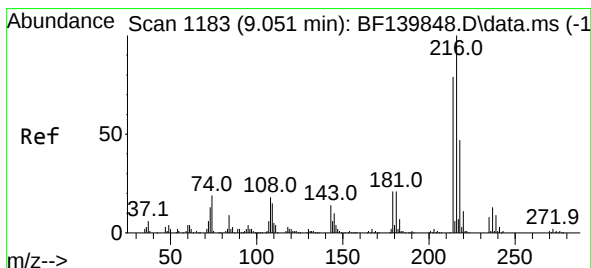
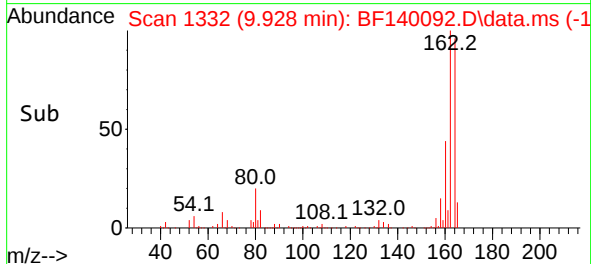
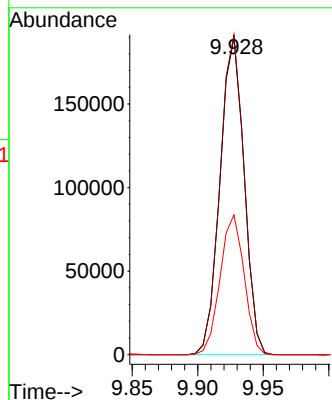
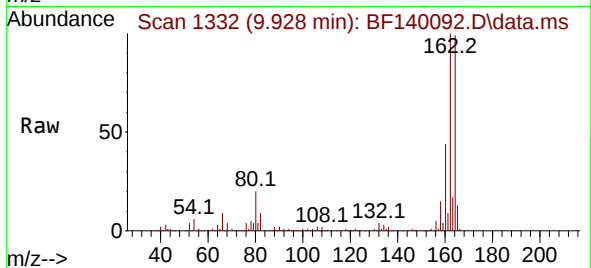
Tgt Ion:164 Resp: 241647

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.829 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Tgt Ion:216 Resp: 331367

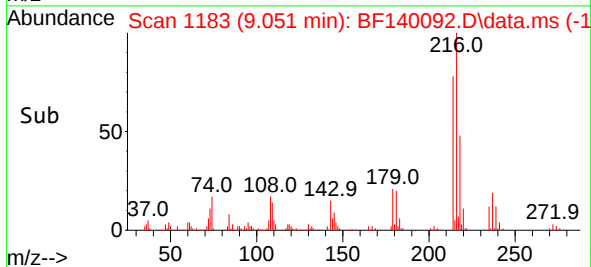
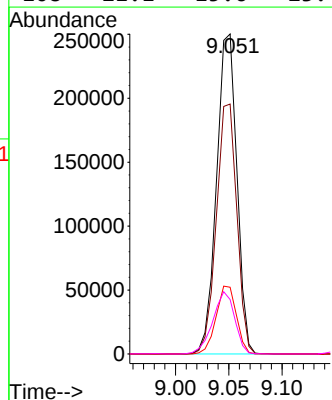
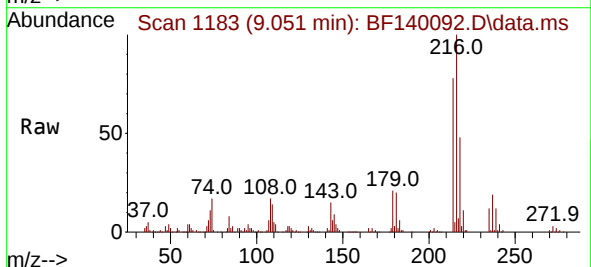
Ion Ratio Lower Upper

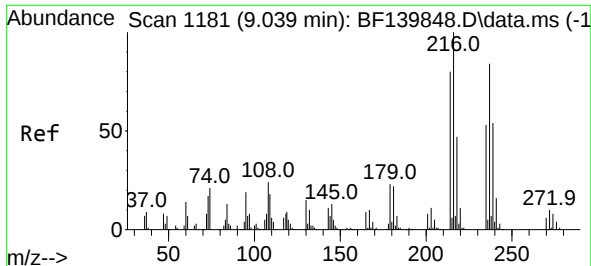
216 100

214 78.7 63.4 95.0

179 21.2 17.2 25.8

108 21.1 15.6 23.4

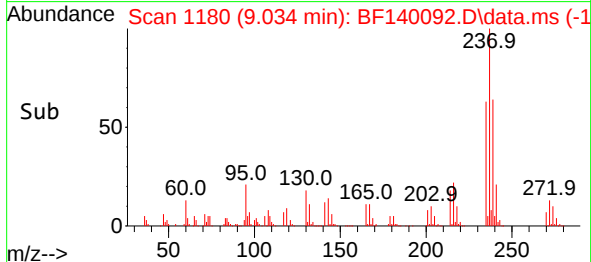
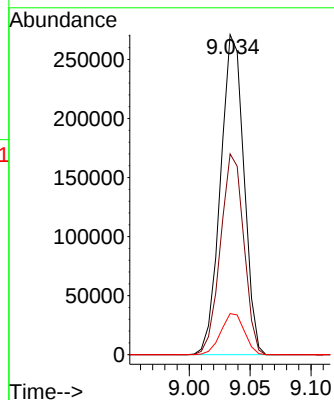
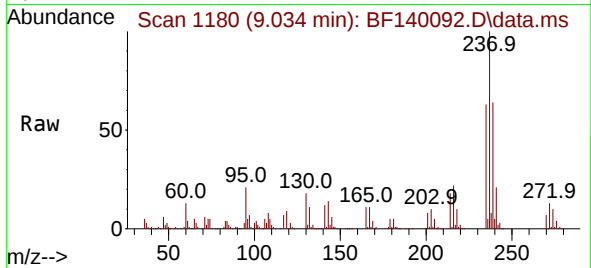




#41
Hexachlorocyclopentadiene
Concen: 159.719 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

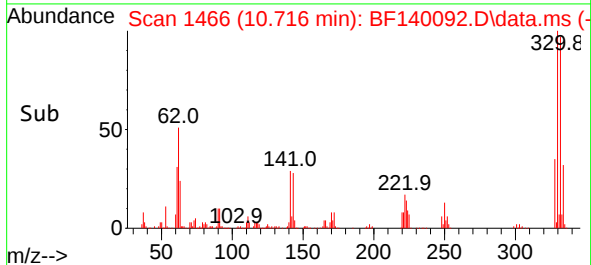
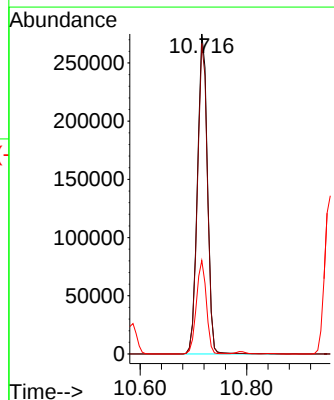
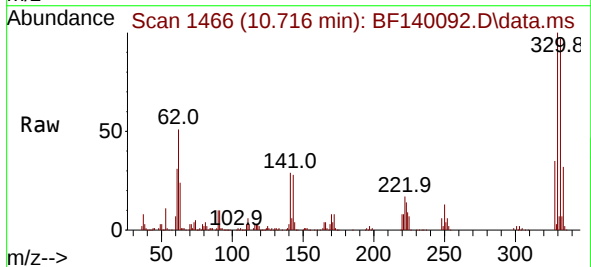
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:237 Resp: 362304
Ion Ratio Lower Upper
237 100
235 62.8 42.9 82.9
272 12.8 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 158.702 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:330 Resp: 358712
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 29.1 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 55.021 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

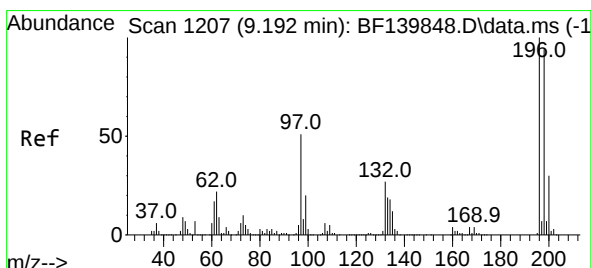
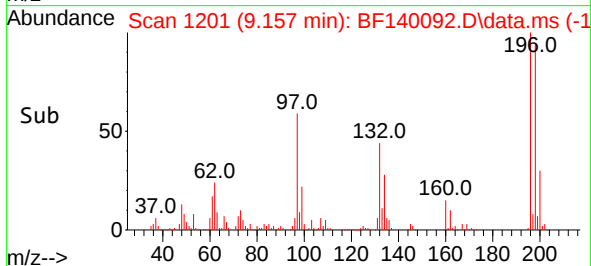
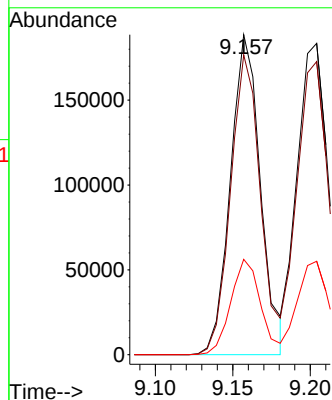
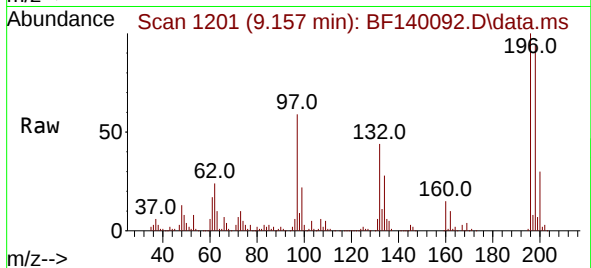
Tgt Ion:196 Resp: 253954

Ion Ratio Lower Upper

196 100

198 93.7 76.2 114.2

200 29.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 54.376 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Tgt Ion:196 Resp: 258939

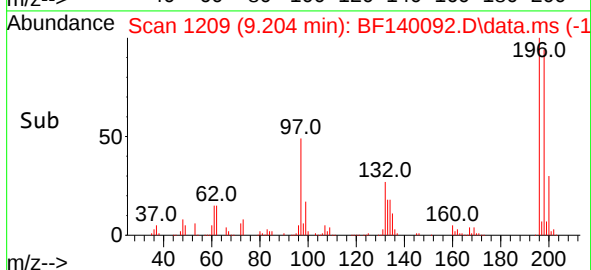
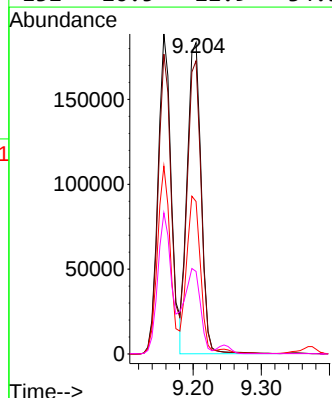
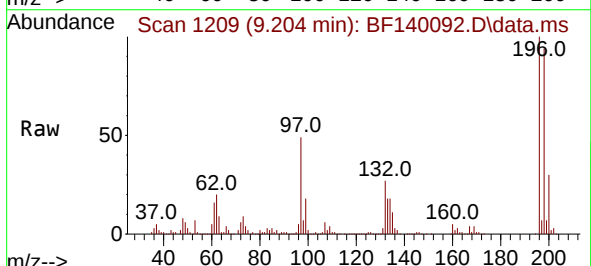
Ion Ratio Lower Upper

196 100

198 94.2 75.8 113.6

97 49.0 41.8 62.6

132 26.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 98.807 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

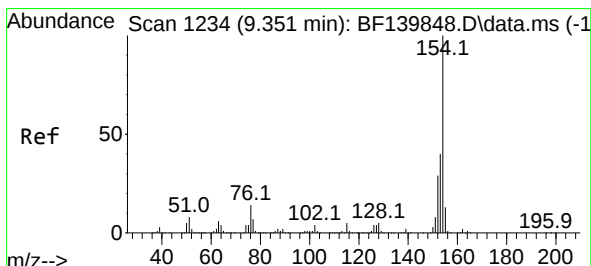
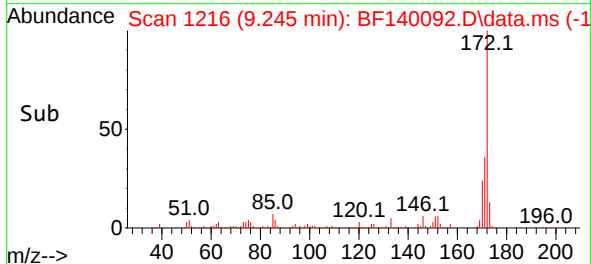
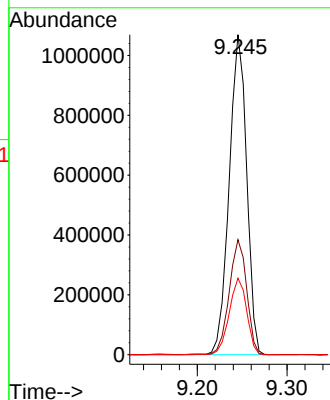
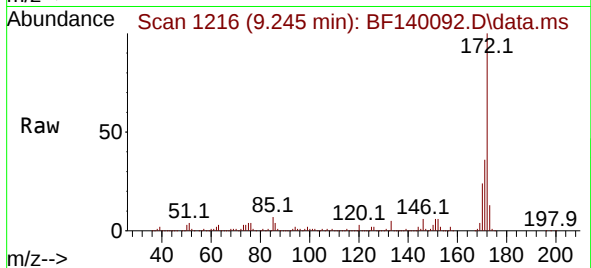
Tgt Ion:172 Resp: 1444688

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.894 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

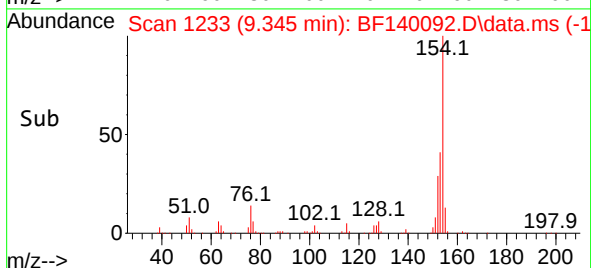
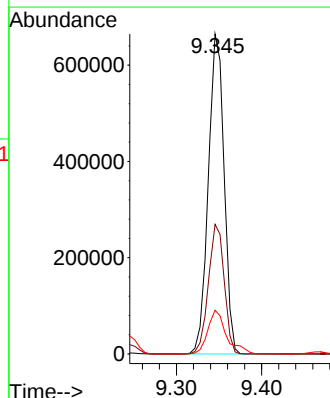
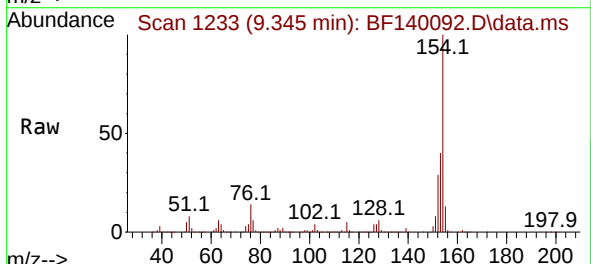
Tgt Ion:154 Resp: 856147

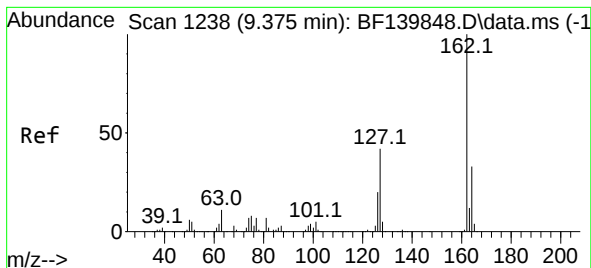
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 49.845 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

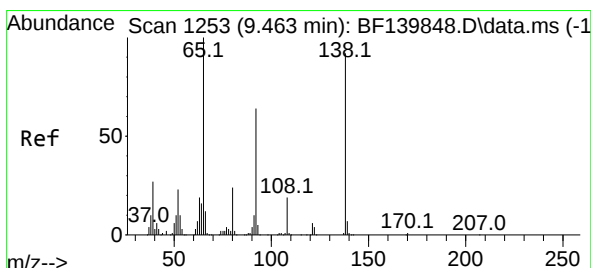
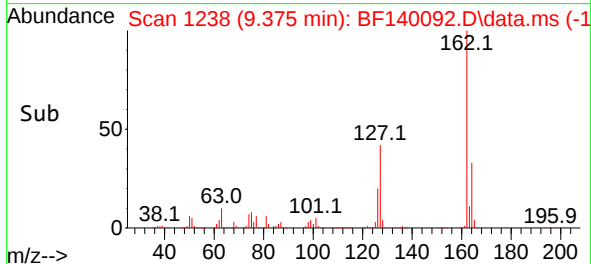
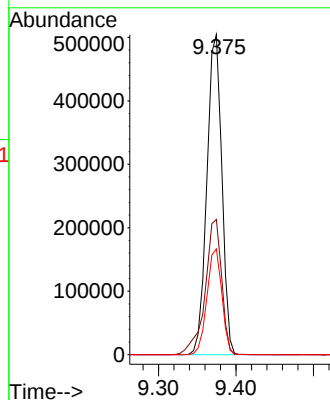
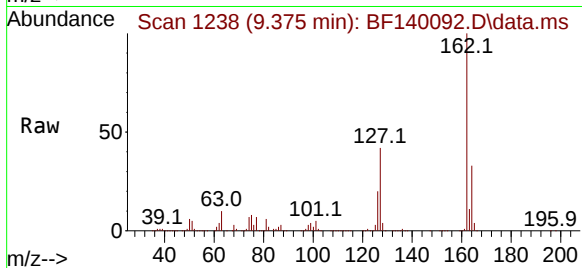
Tgt Ion:162 Resp: 675337

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

164 33.1 26.6 39.8



#48

2-Nitroaniline

Concen: 58.234 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

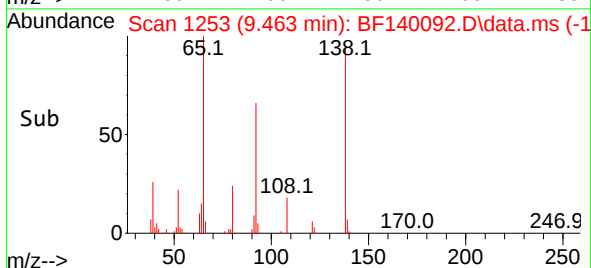
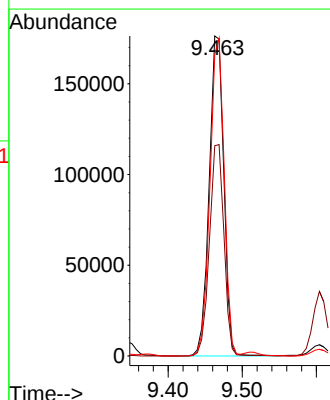
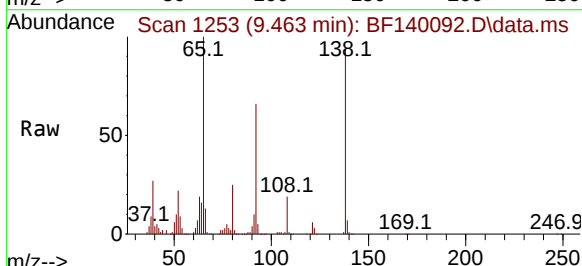
Tgt Ion: 65 Resp: 241309

Ion Ratio Lower Upper

65 100

92 65.7 50.9 76.3

138 94.2 73.4 110.0





#49

Acenaphthylene

Concen: 55.175 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

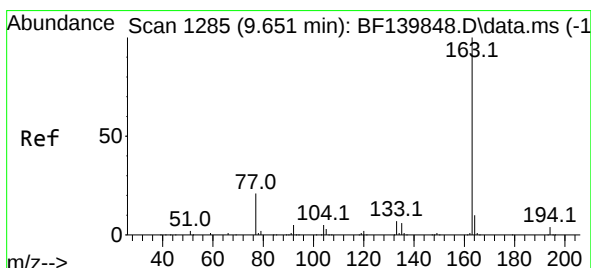
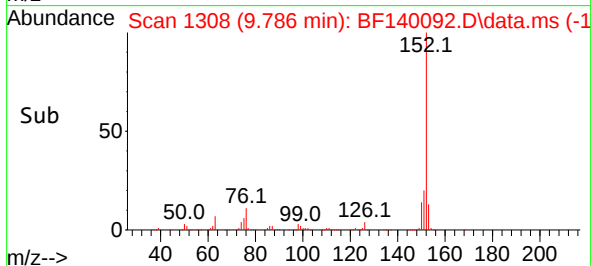
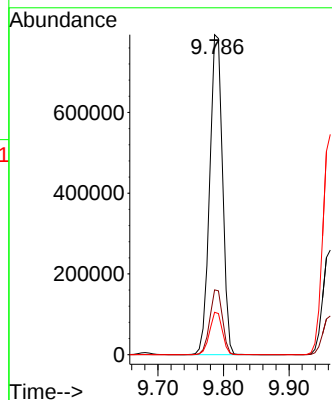
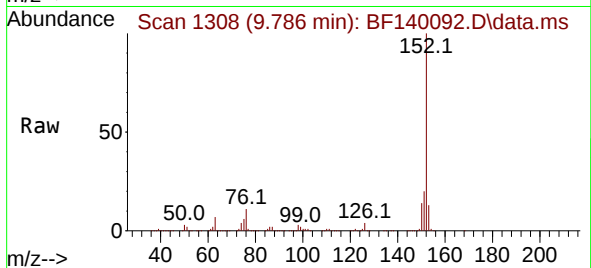
Tgt Ion:152 Resp: 1080746

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 54.677 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

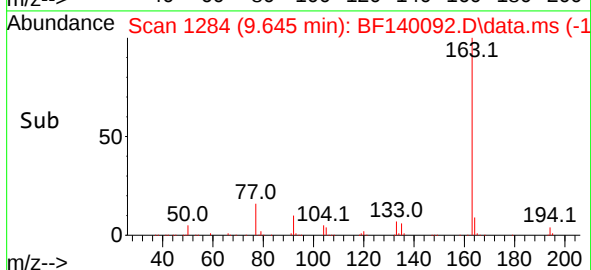
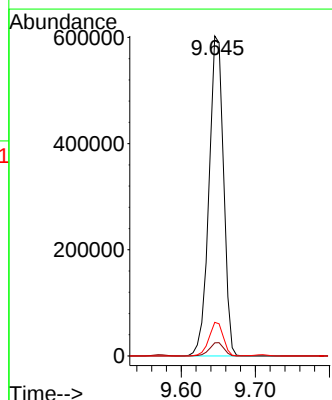
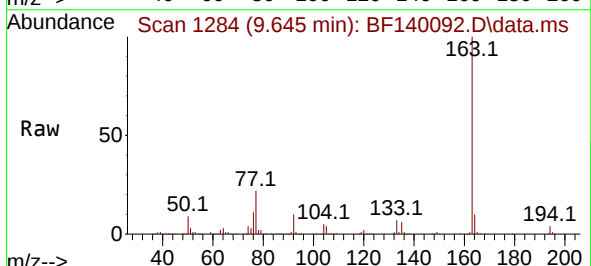
Tgt Ion:163 Resp: 822973

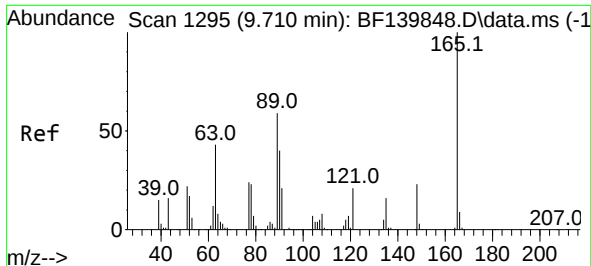
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.5 8.2 12.2

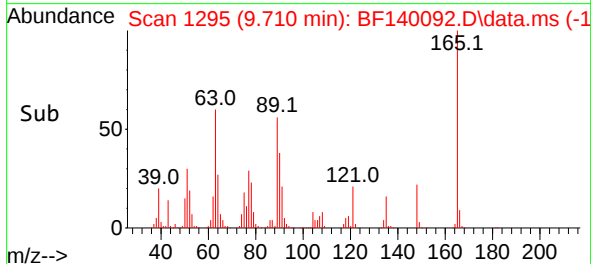
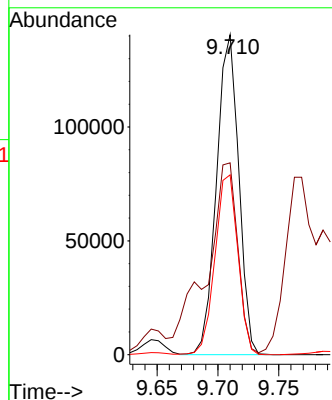
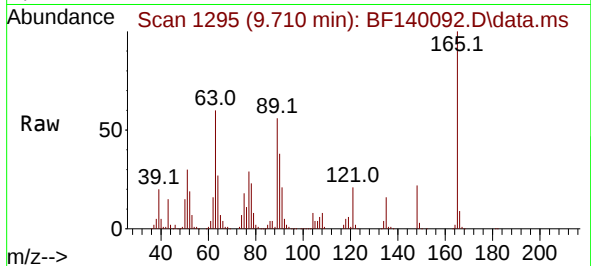




#51
2,6-Dinitrotoluene
Concen: 54.837 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

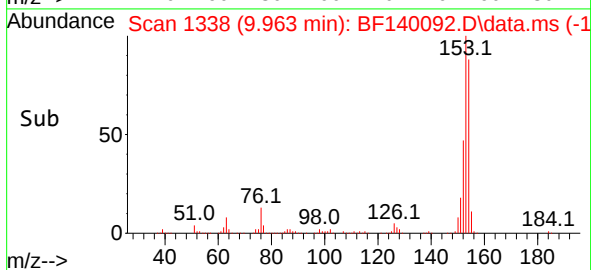
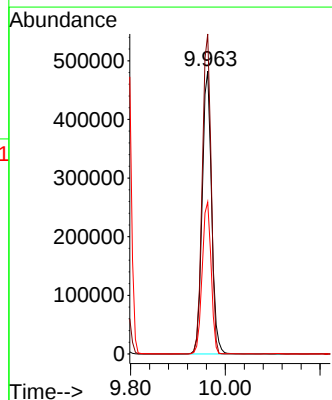
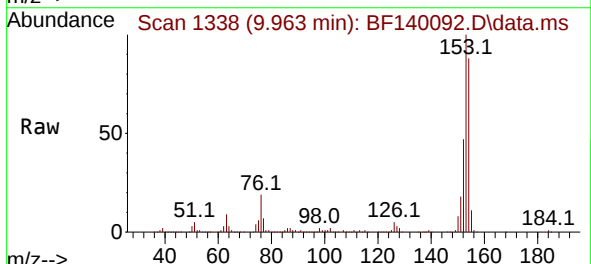
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

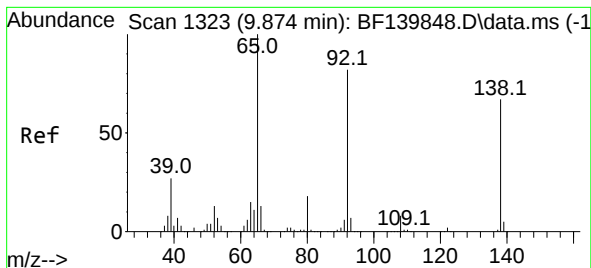
Tgt Ion:165 Resp: 178715
Ion Ratio Lower Upper
165 100
63 60.0 50.6 75.8
89 56.2 47.5 71.3



#52
Acenaphthene
Concen: 52.213 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:154 Resp: 661593
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.6
152 53.7 42.4 63.6





#53

3-Nitroaniline

Concen: 39.128 ng

RT: 9.875 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

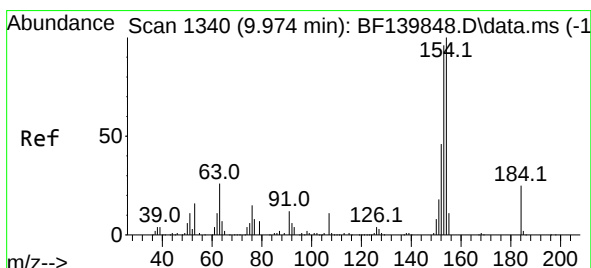
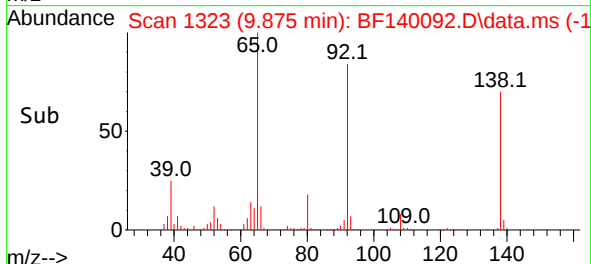
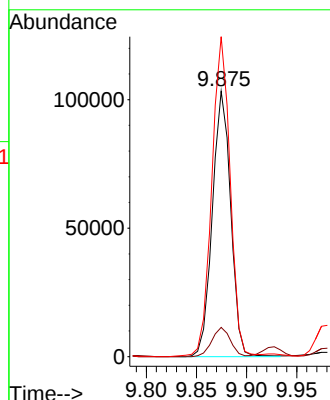
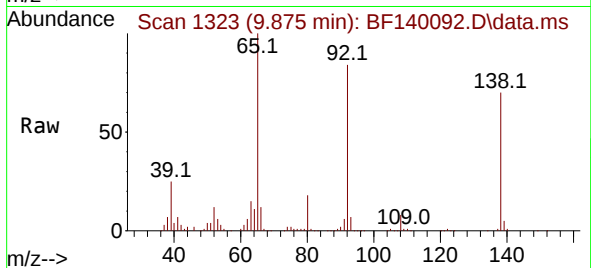
Tgt Ion:138 Resp: 131503

Ion Ratio Lower Upper

138 100

108 11.0 10.2 15.2

92 120.6 98.3 147.5



#54

2,4-Dinitrophenol

Concen: 47.508 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

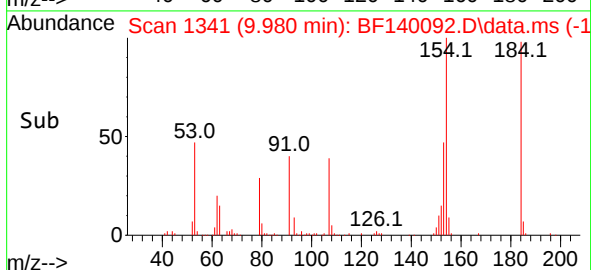
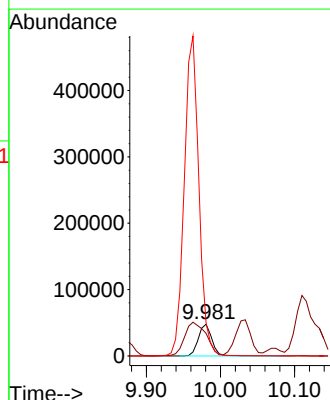
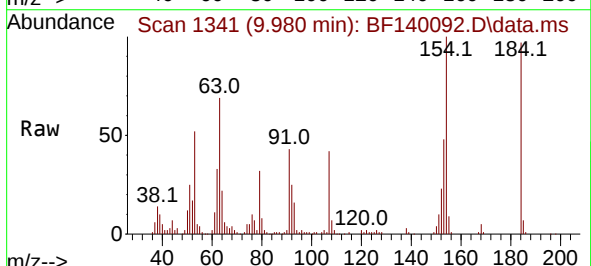
Tgt Ion:184 Resp: 60419

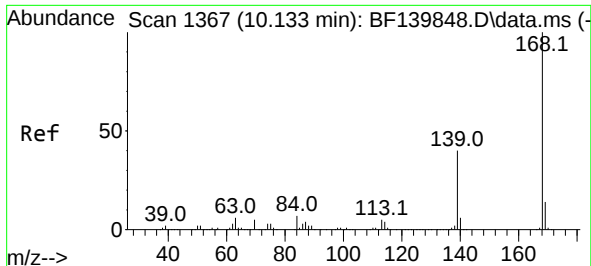
Ion Ratio Lower Upper

184 100

63 71.1 84.7 127.1#

154 103.2 338.2 507.2#

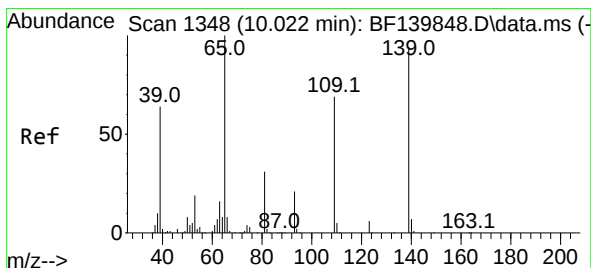
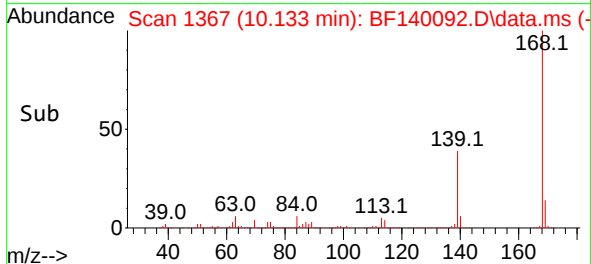
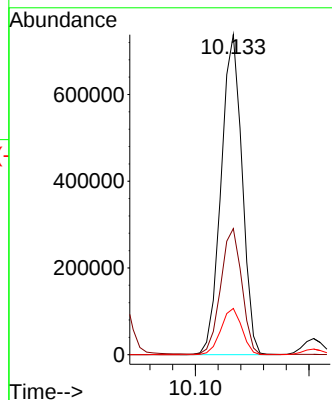
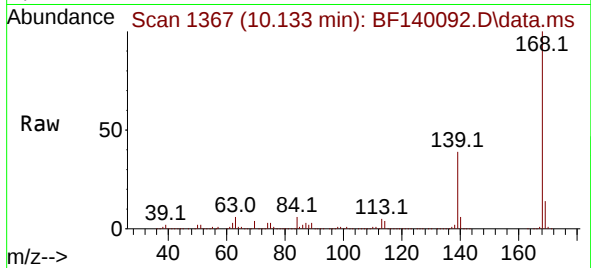




#55
Dibenzenofuran
Concen: 52.125 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

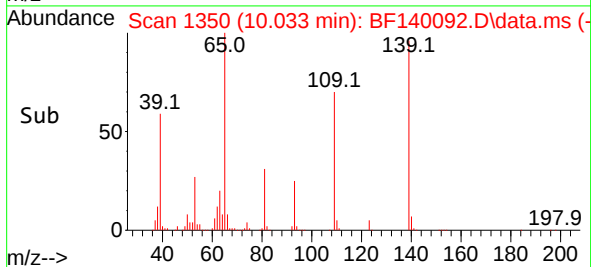
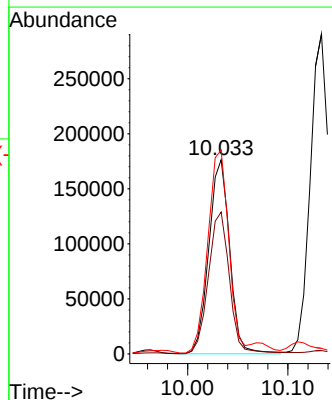
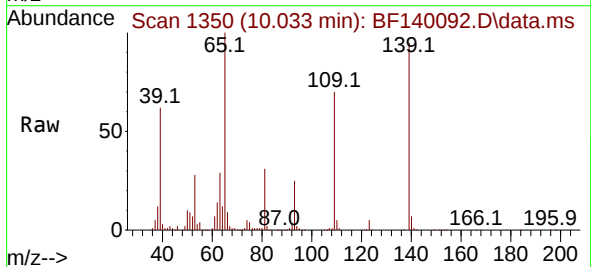
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

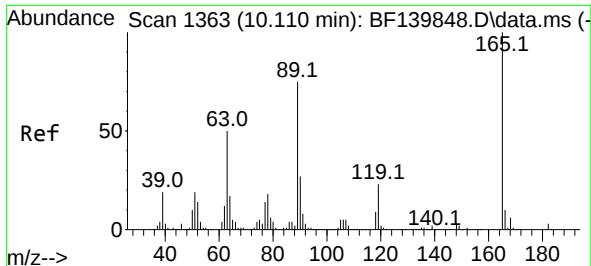
Tgt Ion:168 Resp: 947629
Ion Ratio Lower Upper
168 100
139 39.4 31.8 47.6
169 14.4 11.6 17.4



#56
4-Nitrophenol
Concen: 98.551 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:139 Resp: 254819
Ion Ratio Lower Upper
139 100
109 73.1 53.6 93.6
65 104.9 87.8 127.8

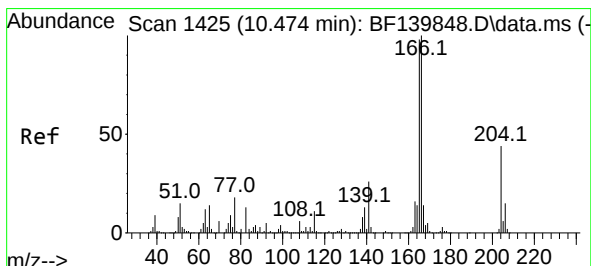
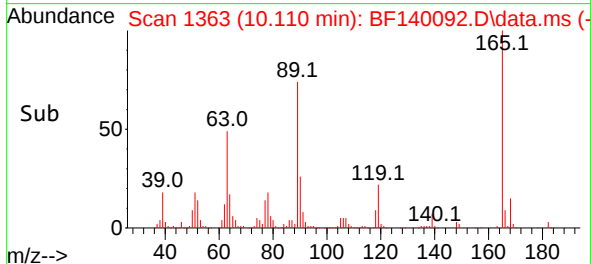
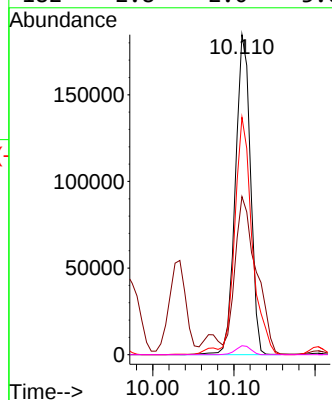
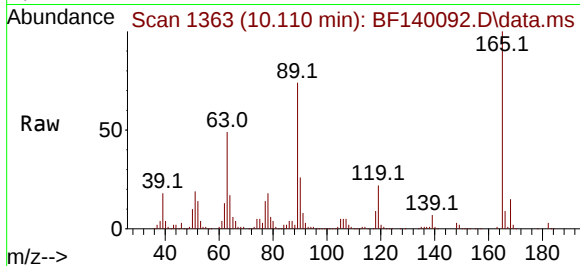




#57
2,4-Dinitrotoluene
Concen: 59.527 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

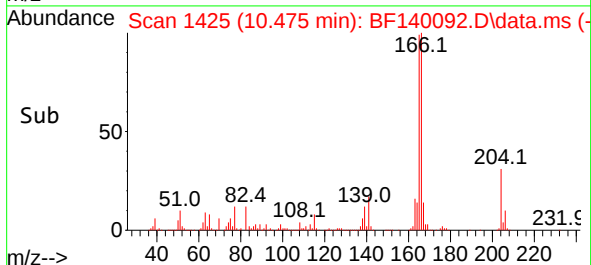
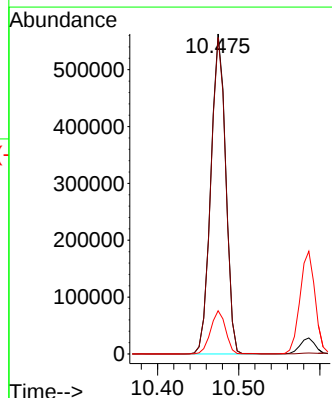
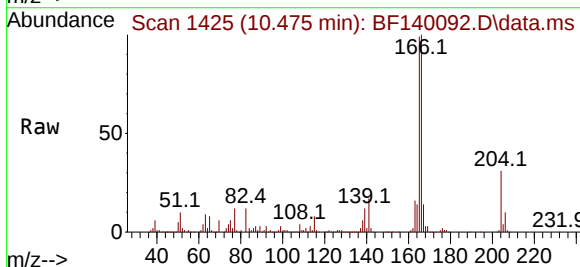
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

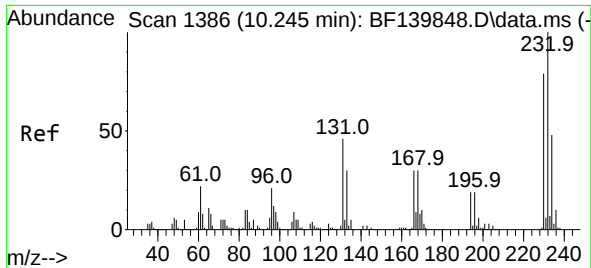
Tgt Ion:165 Resp: 238568
Ion Ratio Lower Upper
165 100
63 49.4 40.1 60.1
89 74.2 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 51.747 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:166 Resp: 716535
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 13.5 10.9 16.3

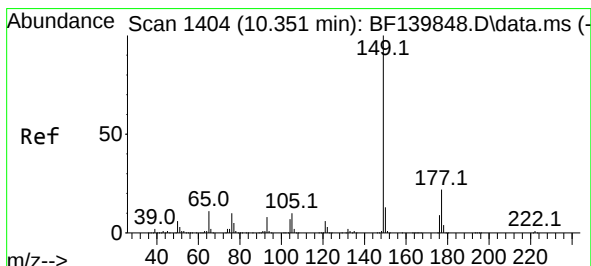
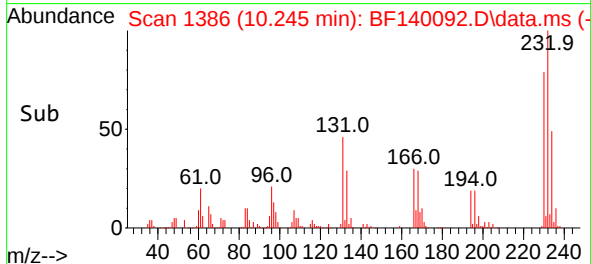
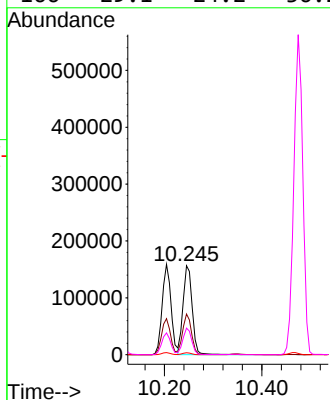
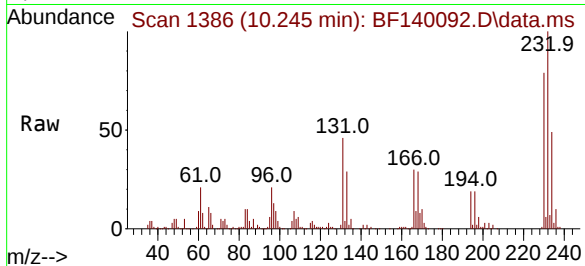




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.095 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

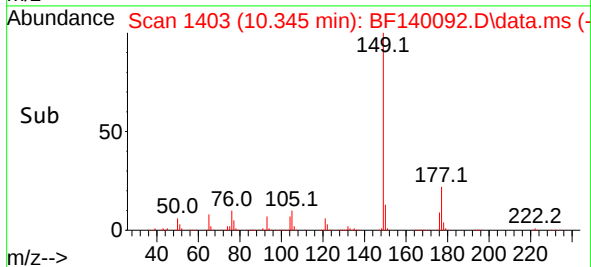
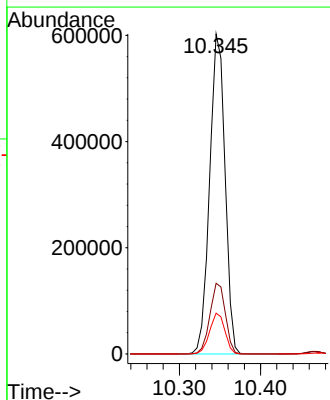
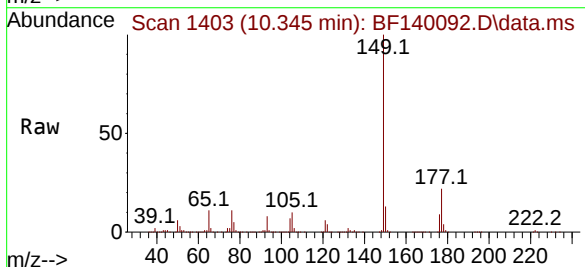
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

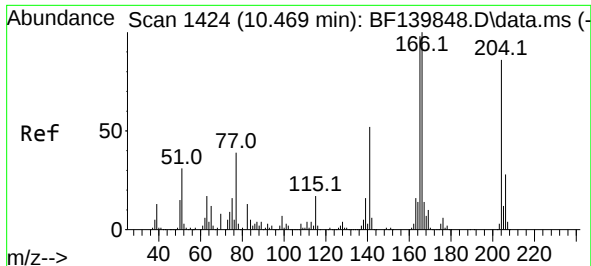
Tgt Ion:232 Resp: 201940
Ion Ratio Lower Upper
232 100
131 44.9 37.0 55.6
130 2.1 1.9 2.9
166 29.1 24.2 36.2



#60
Diethylphthalate
Concen: 53.595 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:149 Resp: 792061
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.8 10.1 15.1

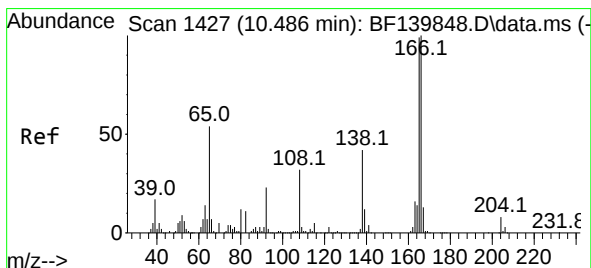
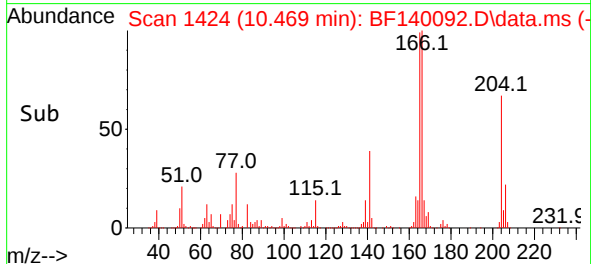
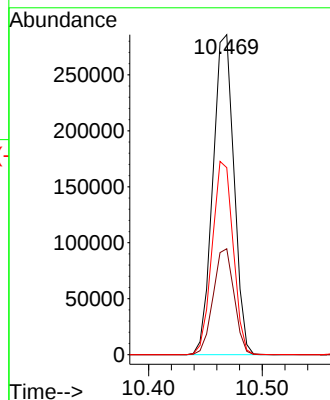
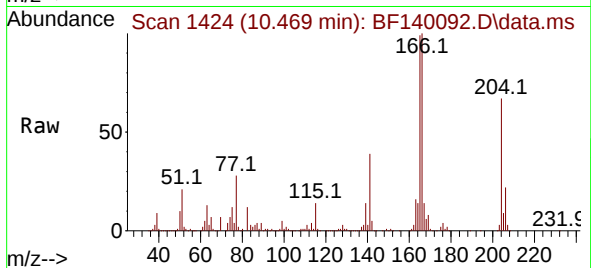




#61
4-Chlorophenyl-phenylether
Concen: 52.737 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

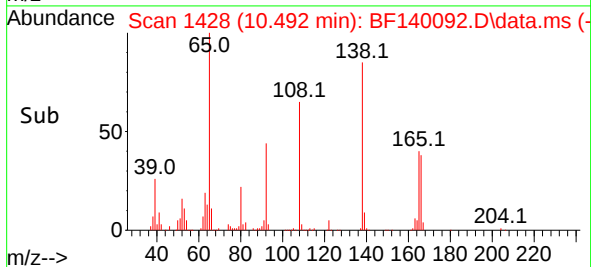
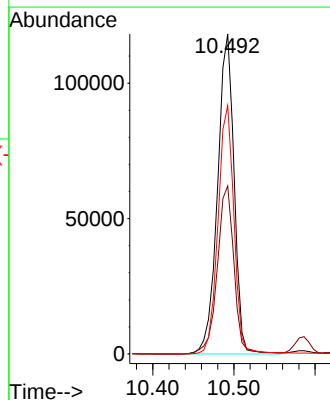
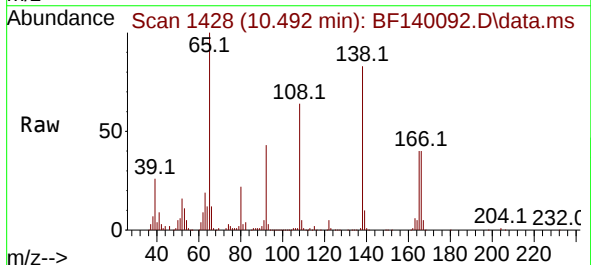
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

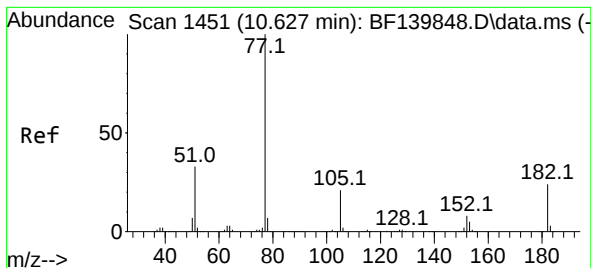
Tgt Ion:204 Resp: 368778
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 58.5 48.6 73.0



#62
4-Nitroaniline
Concen: 52.812 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:138 Resp: 167633
Ion Ratio Lower Upper
138 100
92 52.5 35.7 75.7
108 77.6 57.5 97.5





#63

Azobenzene

Concen: 51.543 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

Tgt Ion: 77 Resp: 807556

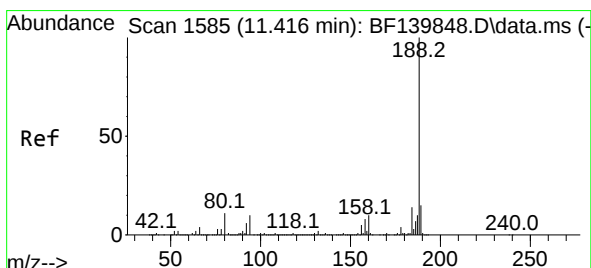
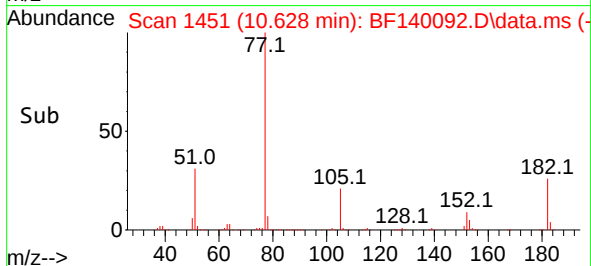
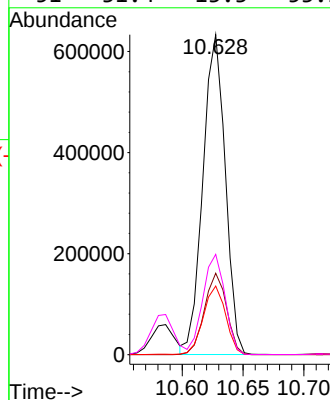
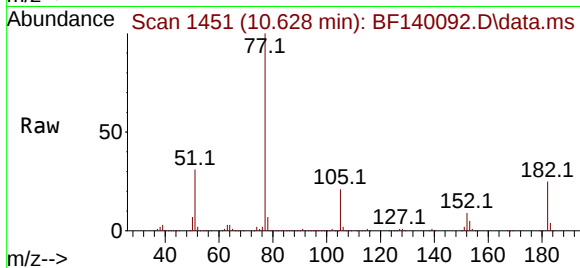
Ion Ratio Lower Upper

77 100

182 25.4 3.3 43.3

105 21.5 1.2 41.2

51 31.4 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

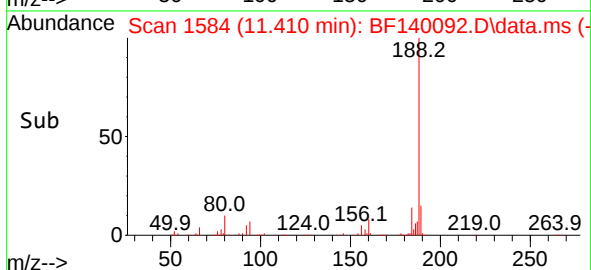
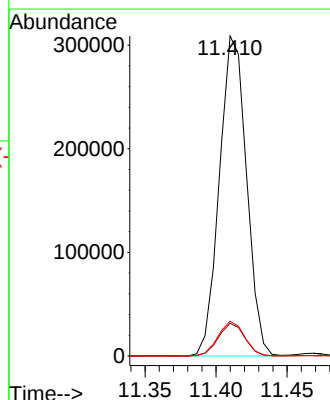
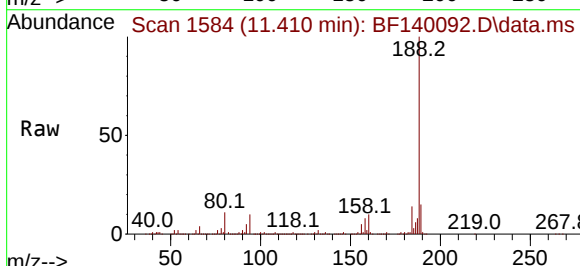
Tgt Ion:188 Resp: 409717

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 10.9 9.0 13.4

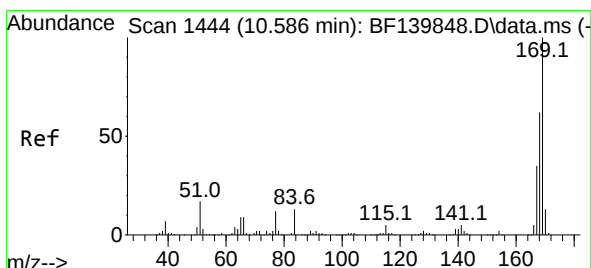
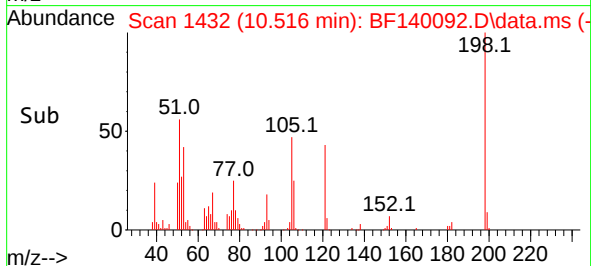
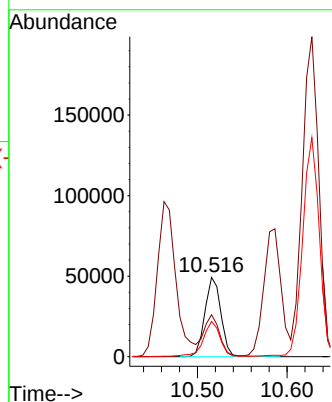
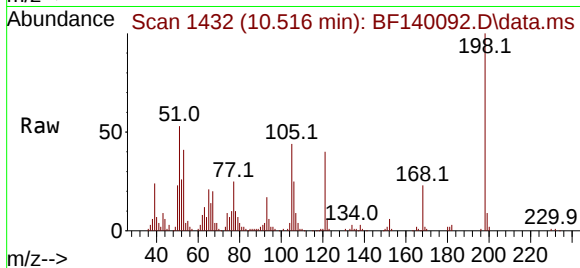




#65
4,6-Dinitro-2-methylphenol
Concen: 36.479 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

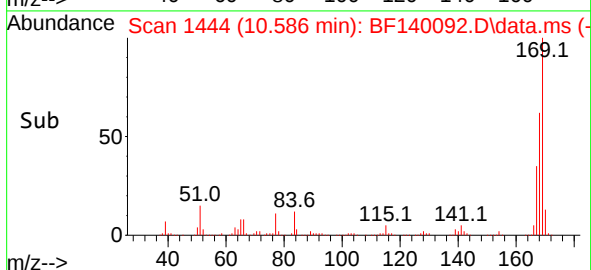
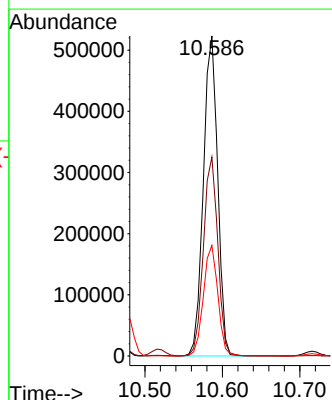
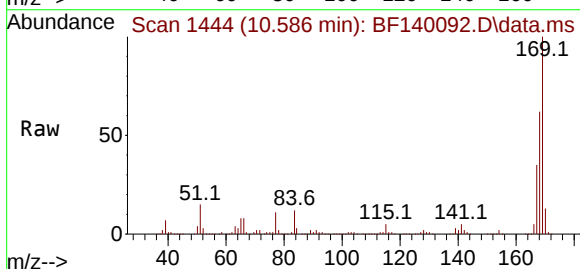
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

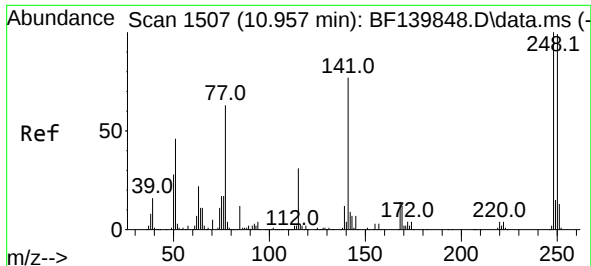
Tgt Ion:198 Resp: 60965
Ion Ratio Lower Upper
198 100
51 52.8 38.2 78.2
105 44.2 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 54.692 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:169 Resp: 670666
Ion Ratio Lower Upper
169 100
168 62.2 49.8 74.6
167 34.5 28.0 42.0

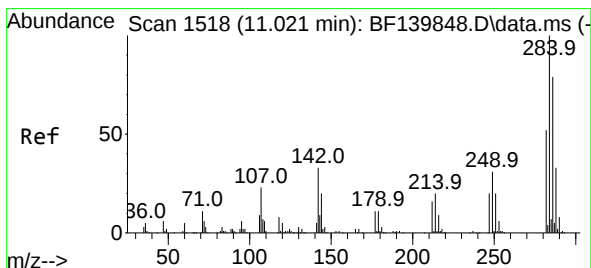
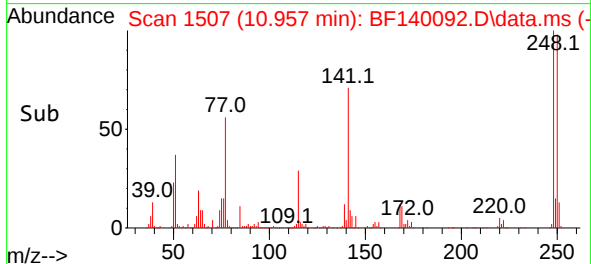
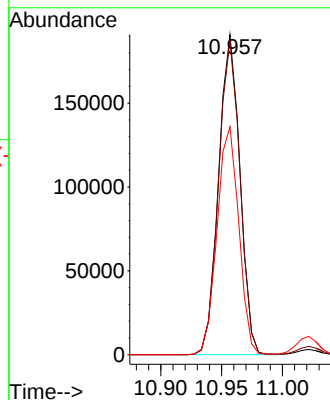
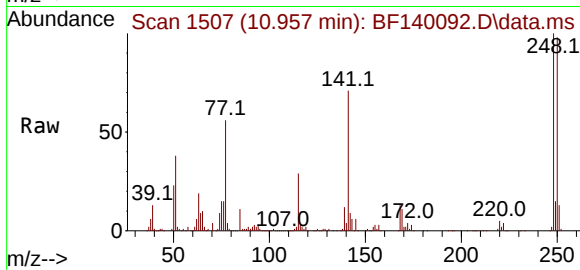




#67
4-Bromophenyl-phenylether
Concen: 55.258 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

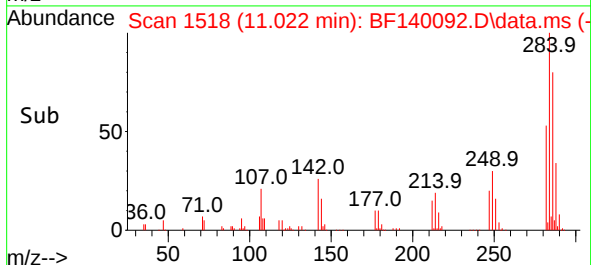
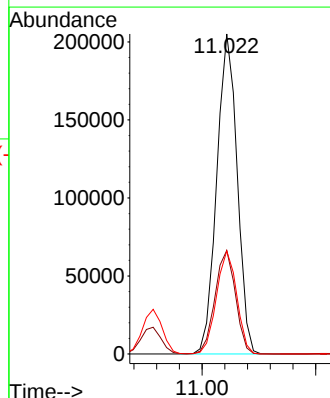
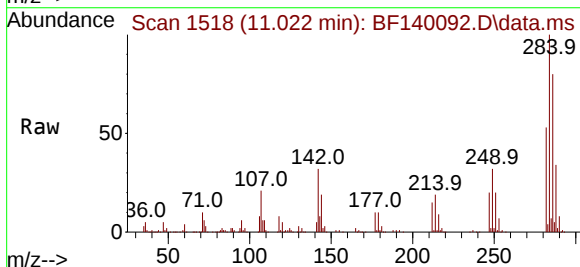
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:248 Resp: 233236
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 71.2 61.7 92.5



#68
Hexachlorobenzene
Concen: 53.889 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:284 Resp: 255815
Ion Ratio Lower Upper
284 100
142 32.4 26.9 40.3
249 32.2 25.3 37.9





#69

Atrazine

Concen: 63.831 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

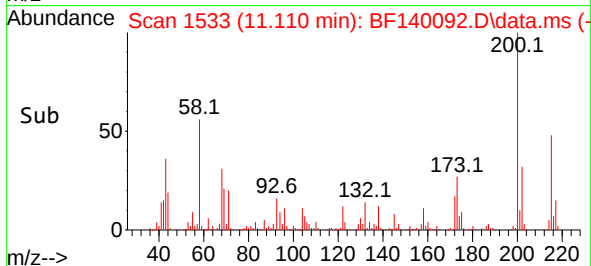
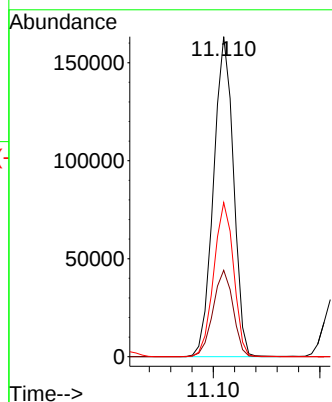
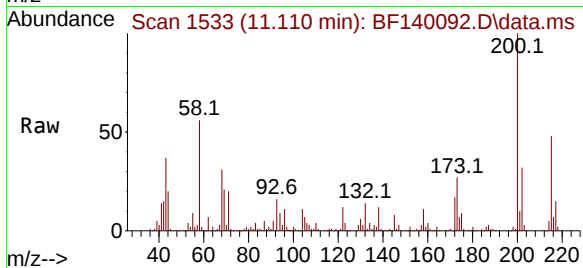
Tgt Ion:200 Resp: 212035

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

215 48.1 27.7 67.7



#70

Pentachlorophenol

Concen: 77.757 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

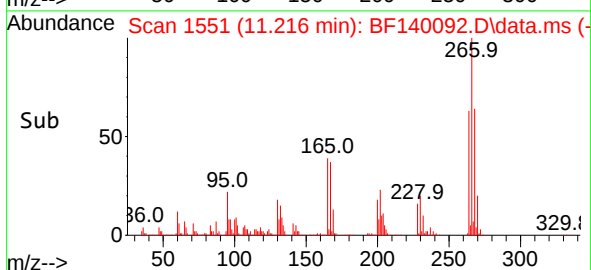
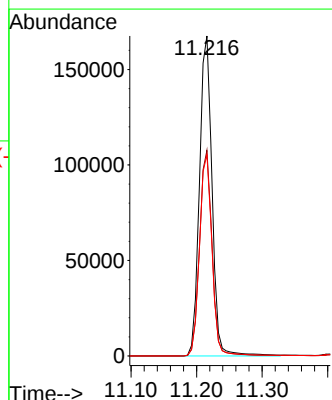
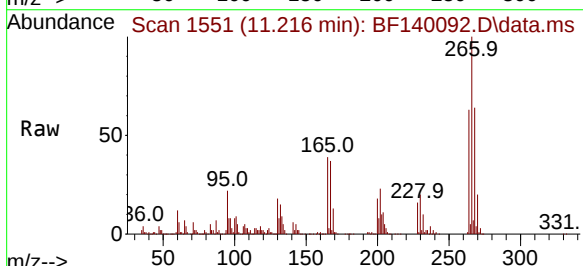
Tgt Ion:266 Resp: 224019

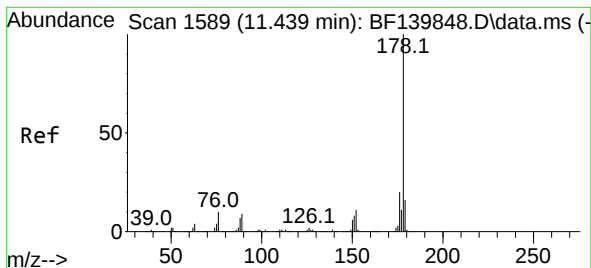
Ion Ratio Lower Upper

266 100

268 64.2 50.4 75.6

264 62.9 50.6 75.8





#71

Phenanthrene

Concen: 53.303 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

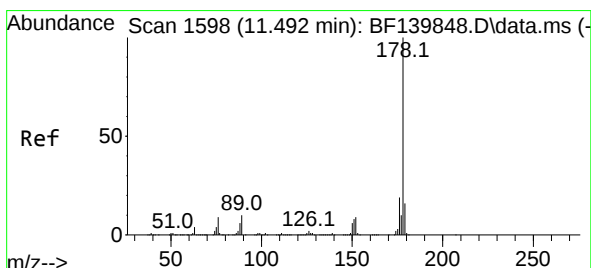
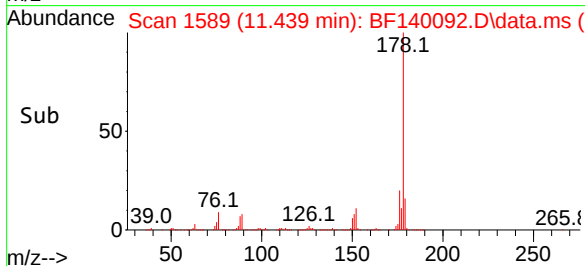
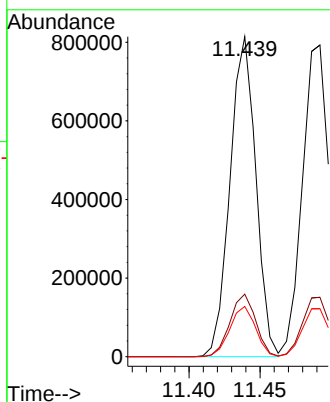
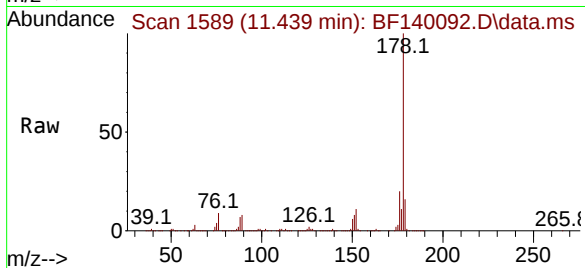
Tgt Ion:178 Resp: 1031591

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

179 15.7 12.6 18.8



#72

Anthracene

Concen: 55.155 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

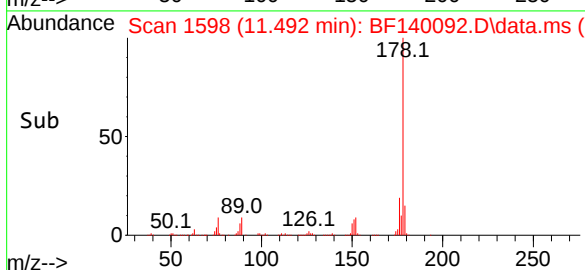
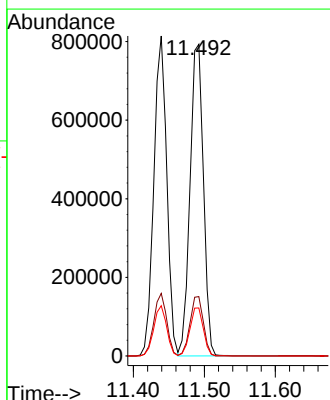
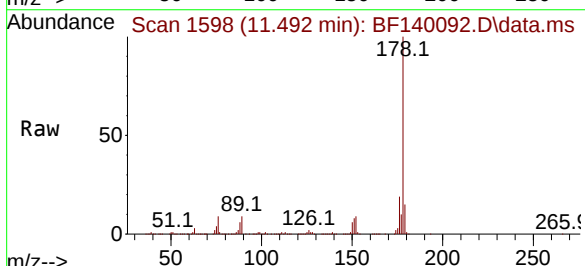
Tgt Ion:178 Resp: 1041472

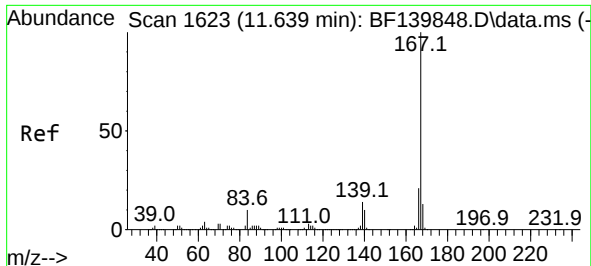
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.4 12.4 18.6



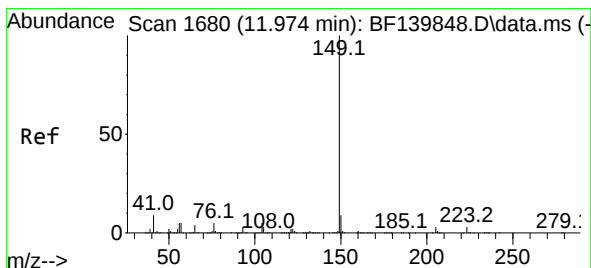
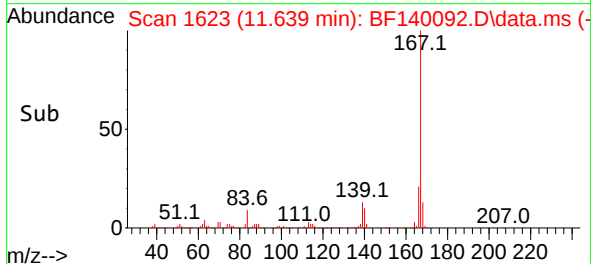
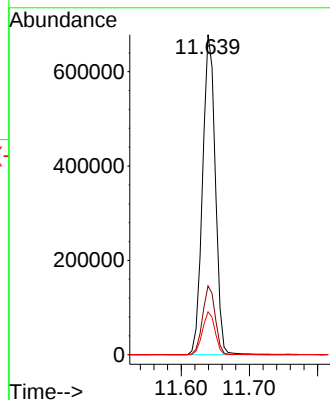
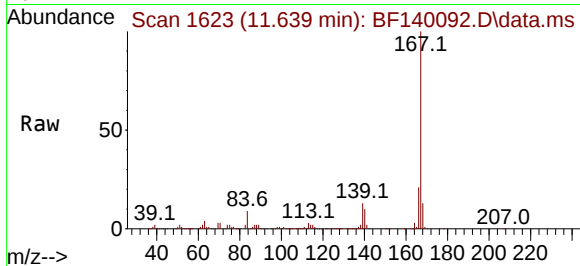


#73
 Carbazole
 Concen: 50.241 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF140092.D
 Acq: 28 Oct 2024 17:35

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215MS

Tgt Ion:167 Resp: 882304

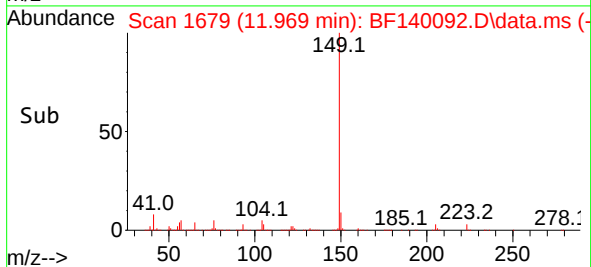
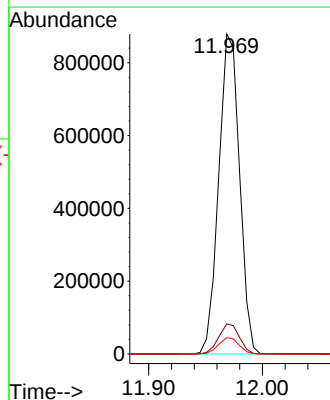
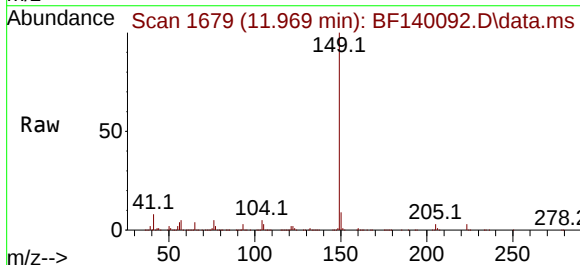
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.4	10.8	16.2

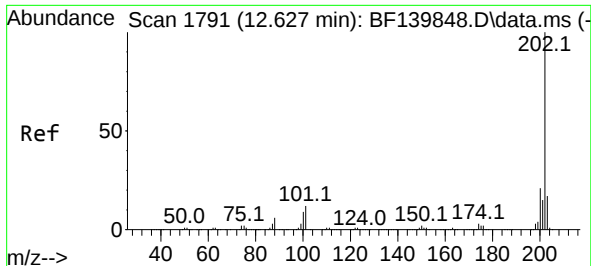


#74
 Di-n-butylphthalate
 Concen: 55.199 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF140092.D
 Acq: 28 Oct 2024 17:35

Tgt Ion:149 Resp: 1119955

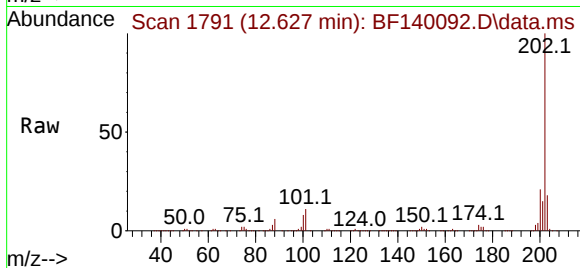
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.1	6.1



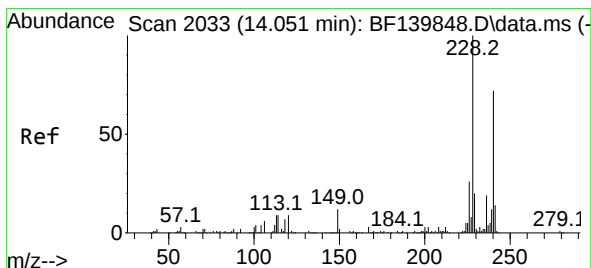
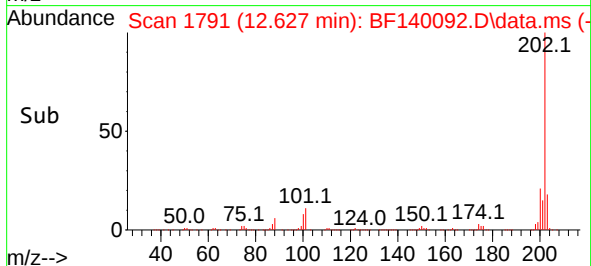
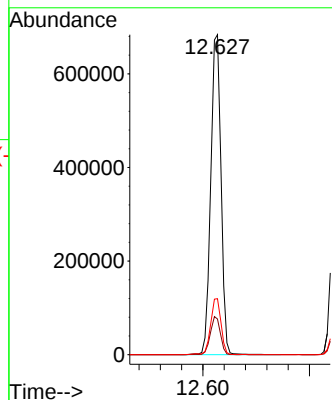


#75
Fluoranthene
Concen: 46.655 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

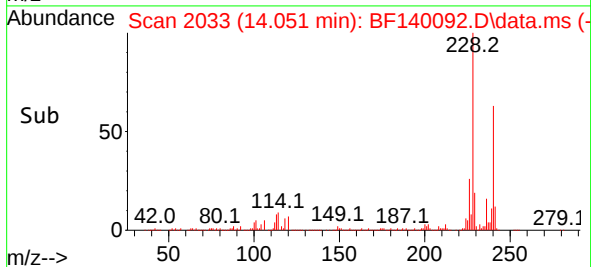
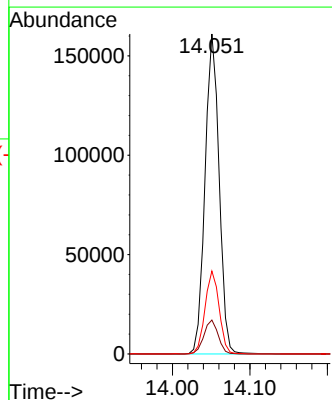
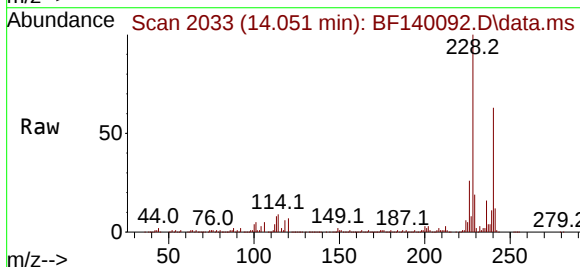


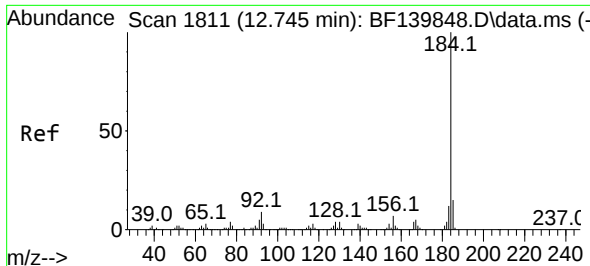
Tgt Ion:202 Resp: 912791
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:240 Resp: 203129
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.9 20.9 31.3

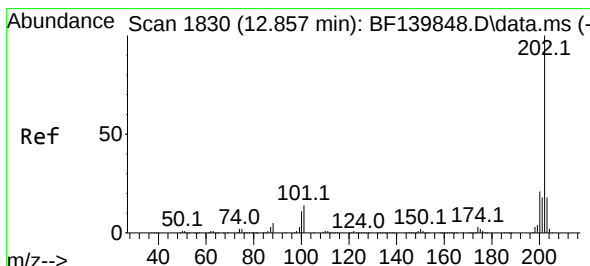
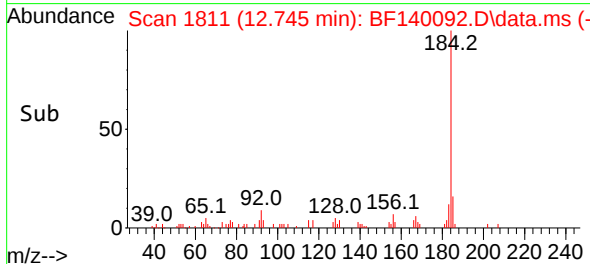
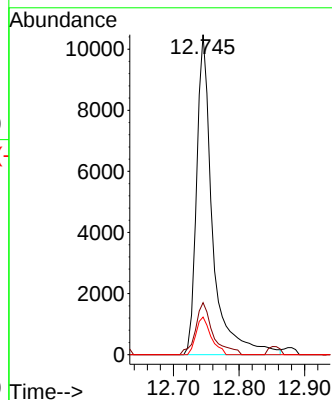
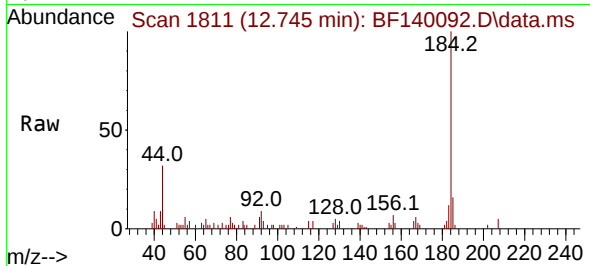




#77
Benzidine
Concen: 5.301 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

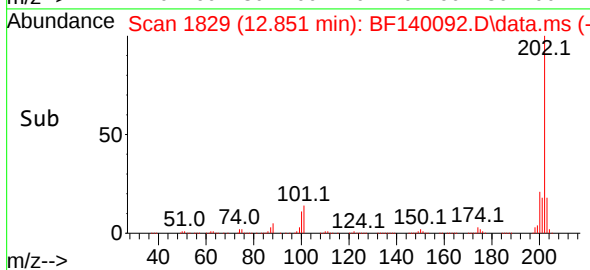
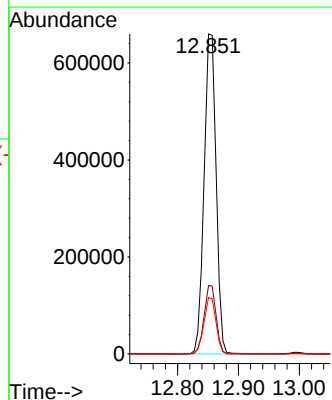
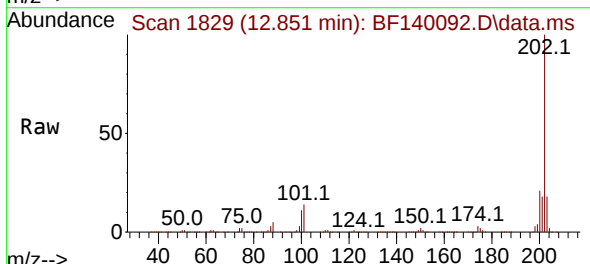
Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

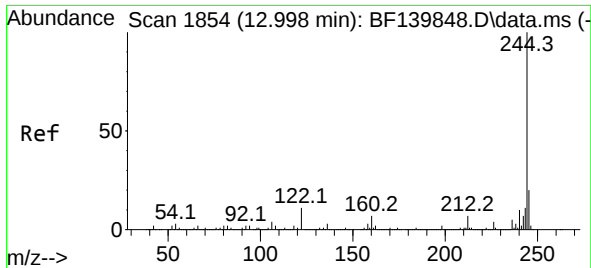
Tgt Ion:184	Resp:	17706
Ion Ratio	Lower	Upper
184	100	
185	16.3	12.0 18.0
183	11.7	9.4 14.2



#78
Pyrene
Concen: 50.811 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:202	Resp:	903442
Ion Ratio	Lower	Upper
202	100	
200	21.4	17.2 25.8
203	17.6	14.2 21.4

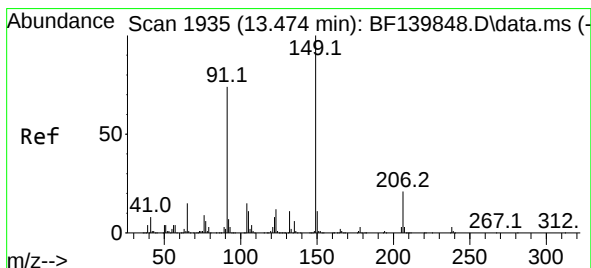
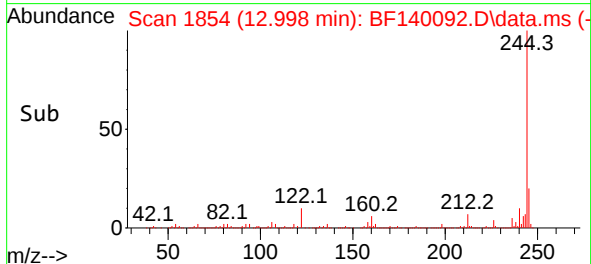
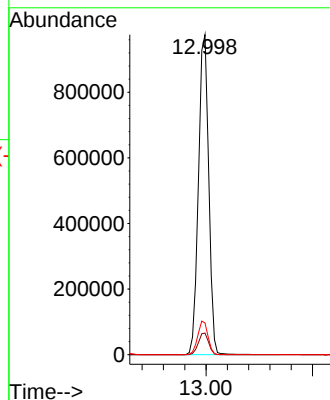
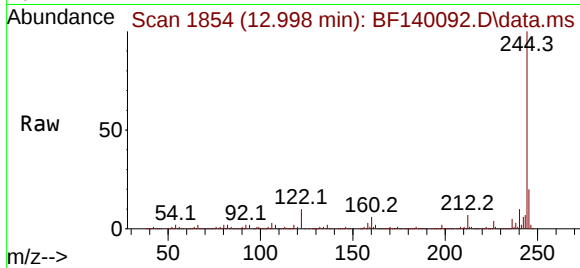




#79
 Terphenyl-d14
 Concen: 104.783 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140092.D
 Acq: 28 Oct 2024 17:35

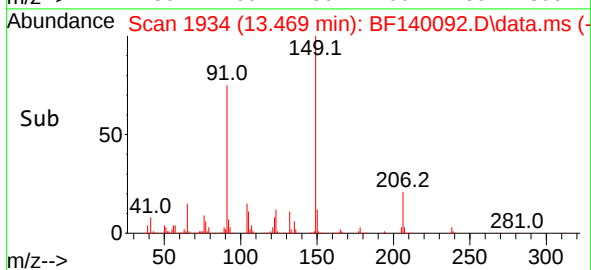
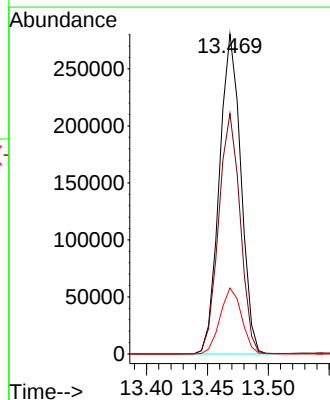
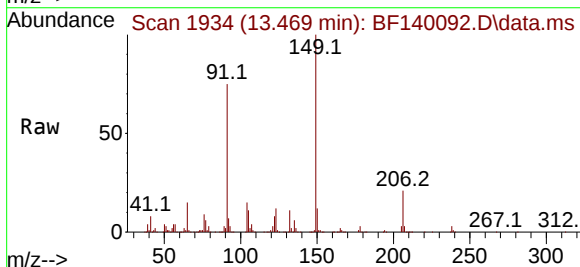
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-215MS

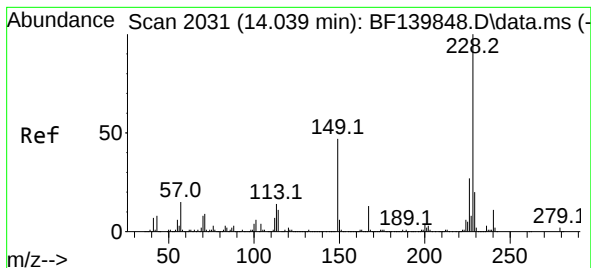
Tgt Ion:244 Resp: 1306207
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 64.747 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF140092.D
 Acq: 28 Oct 2024 17:35

Tgt Ion:149 Resp: 345144
 Ion Ratio Lower Upper
 149 100
 91 75.1 59.4 89.2
 206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.760 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

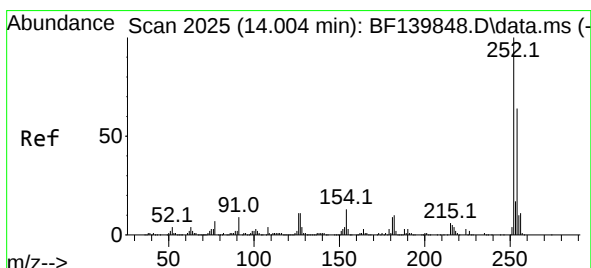
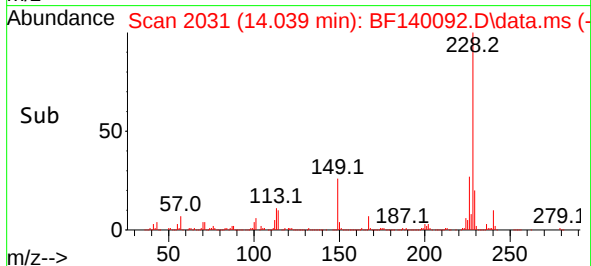
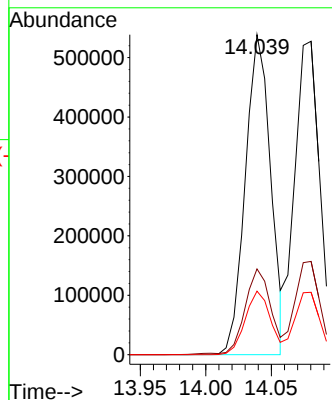
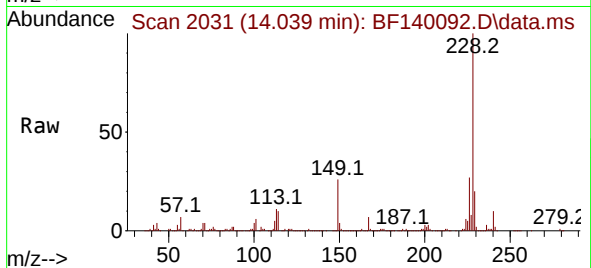
Tgt Ion:228 Resp: 724089

Ion Ratio Lower Upper

228 100

226 26.8 21.6 32.4

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 48.202 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

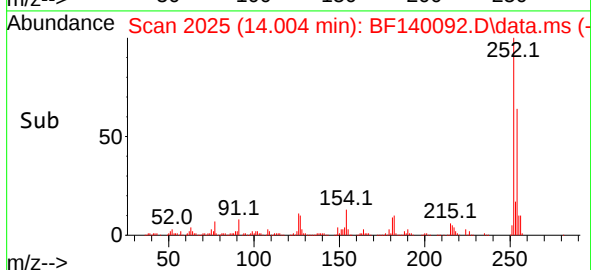
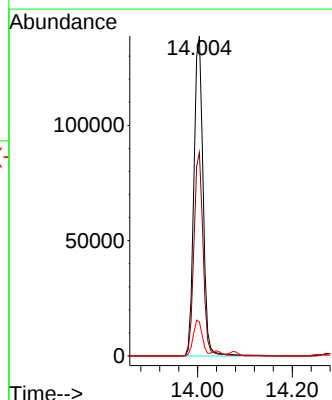
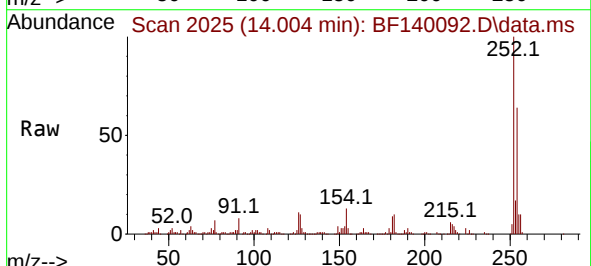
Tgt Ion:252 Resp: 185837

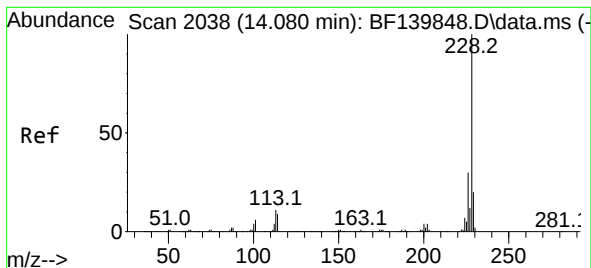
Ion Ratio Lower Upper

252 100

254 63.6 50.8 76.2

126 10.7 8.9 13.3





#83

Chrysene

Concen: 57.841 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

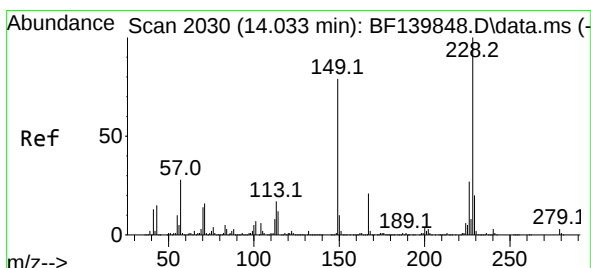
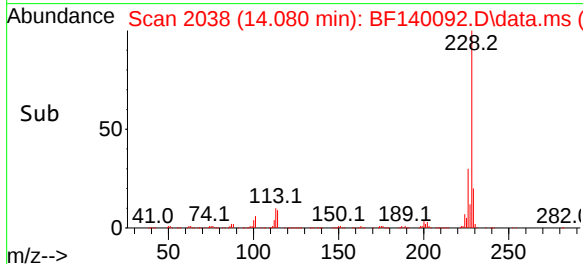
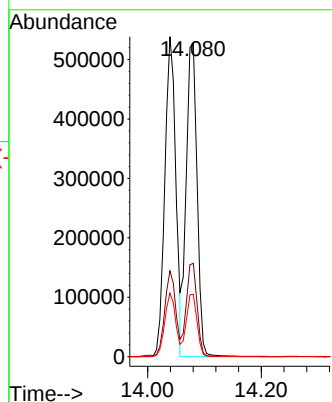
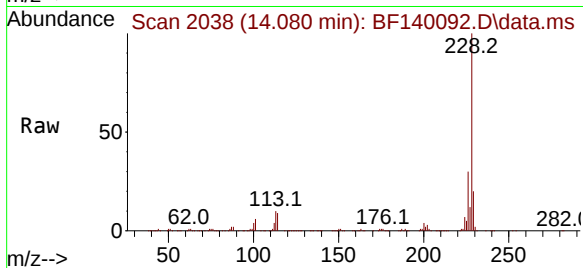
Tgt Ion:228 Resp: 701255

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.394 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

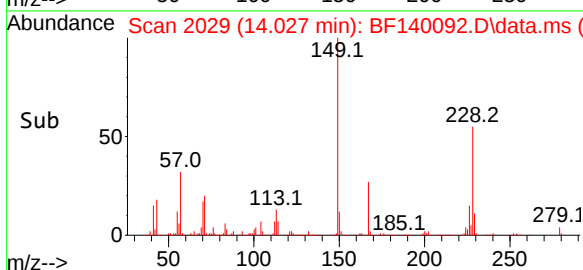
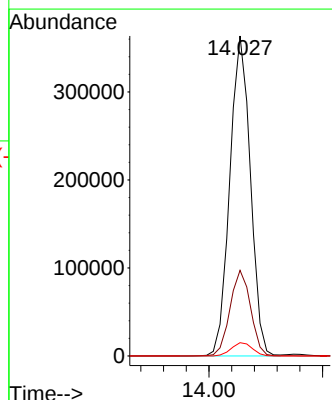
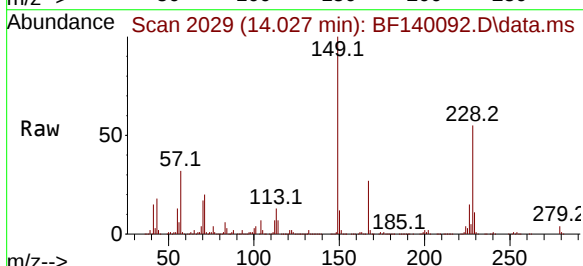
Tgt Ion:149 Resp: 456891

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 72.931 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

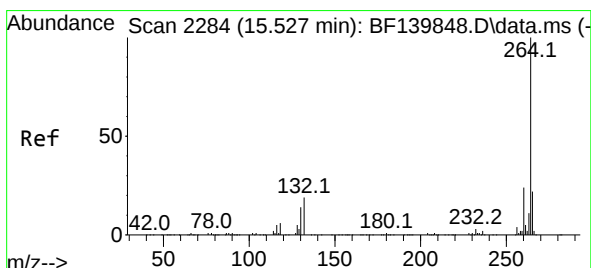
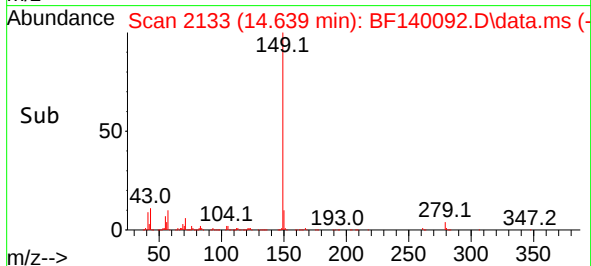
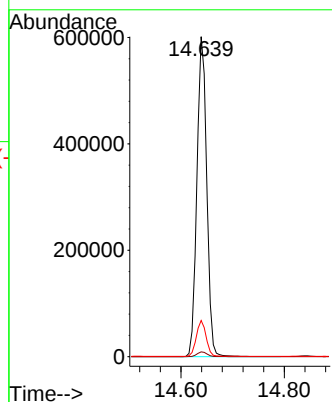
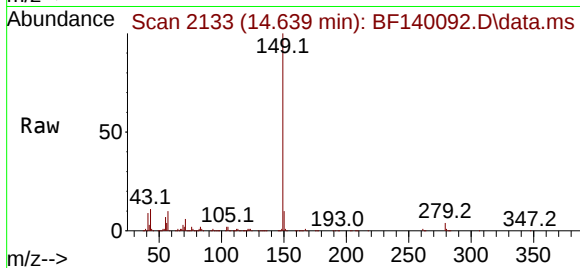
Tgt Ion:149 Resp: 793362

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

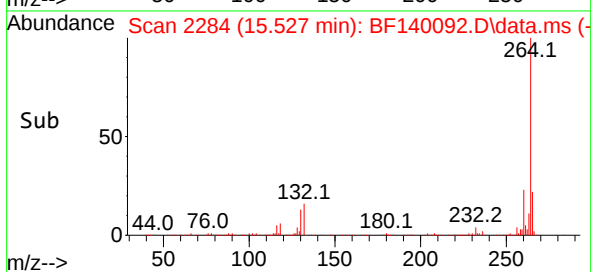
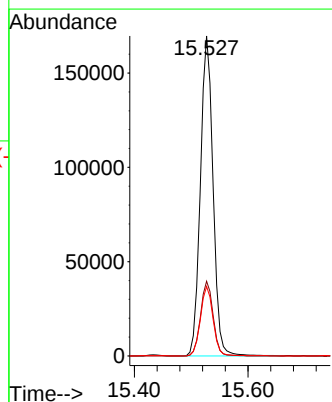
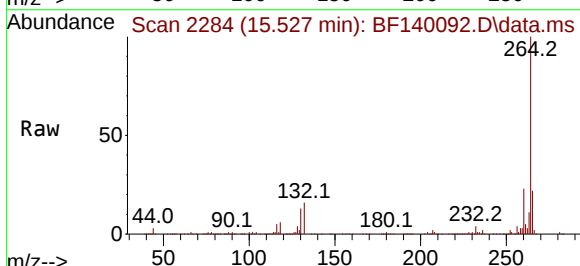
Tgt Ion:264 Resp: 263019

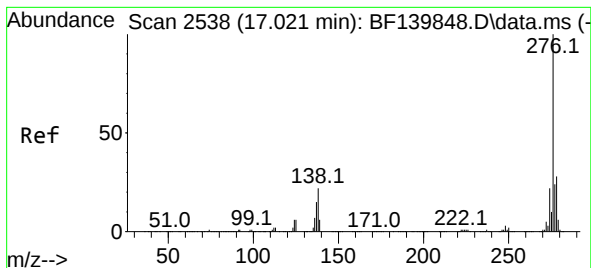
Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.859 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

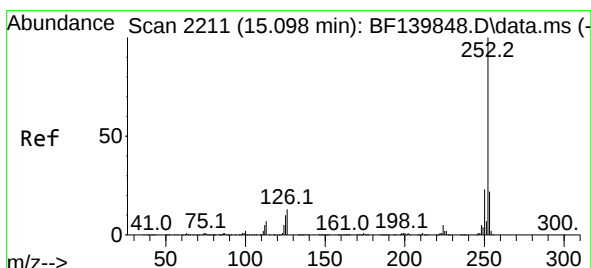
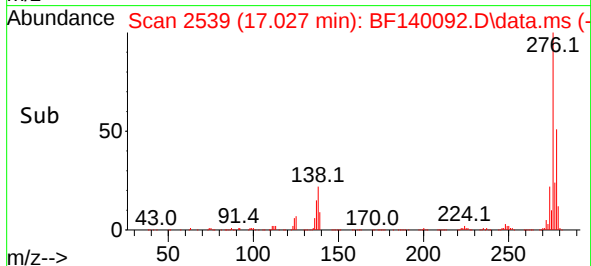
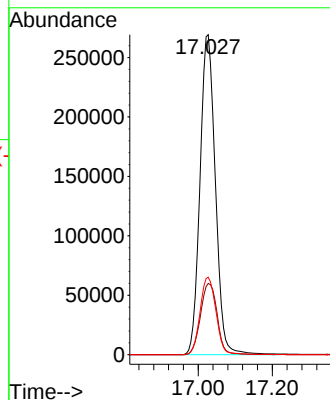
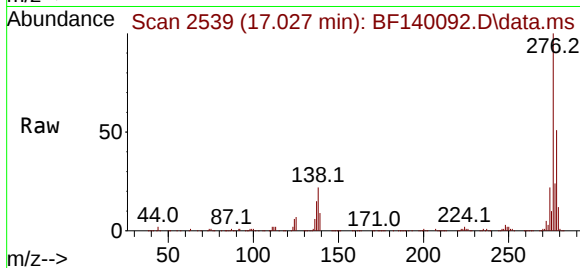
Tgt Ion:276 Resp: 775966

Ion Ratio Lower Upper

276 100

138 24.1 20.4 30.6

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.919 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

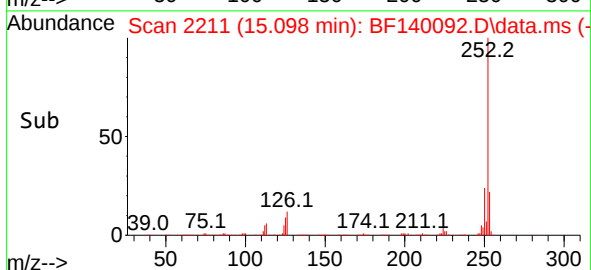
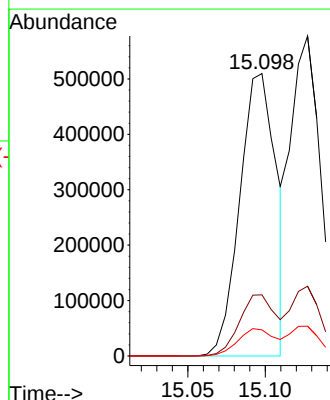
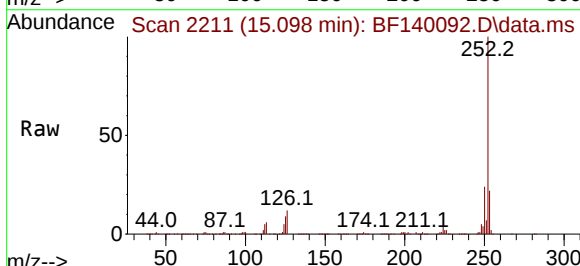
Tgt Ion:252 Resp: 831851

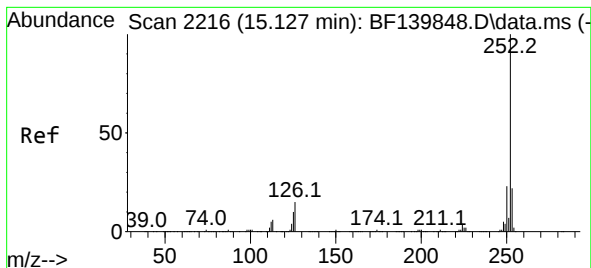
Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.3 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 56.615 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

Instrument :

BNA_F

ClientSampleId :

VNJ-215MS

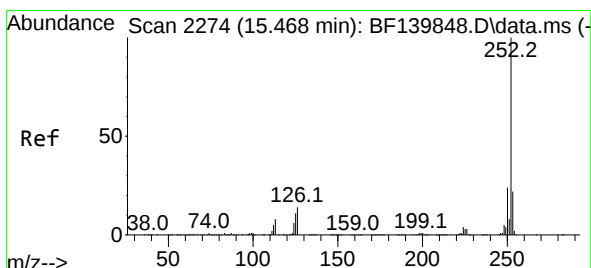
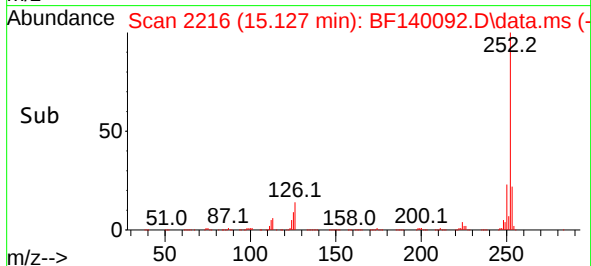
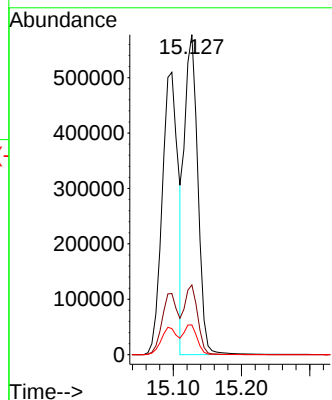
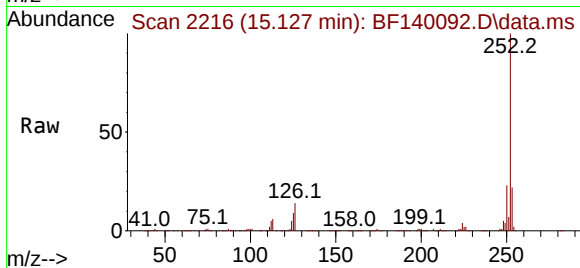
Tgt Ion:252 Resp: 782283

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.3 7.9 11.9



#90

Benzo(a)pyrene

Concen: 59.203 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140092.D

Acq: 28 Oct 2024 17:35

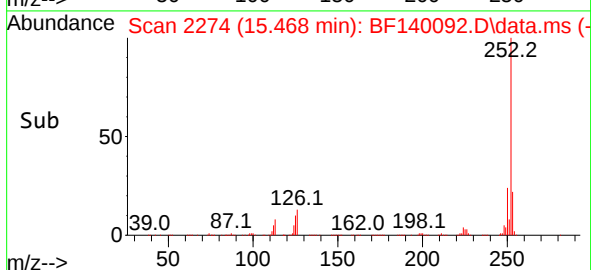
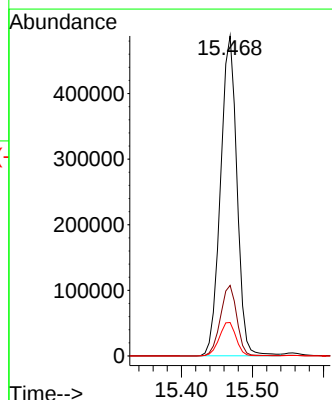
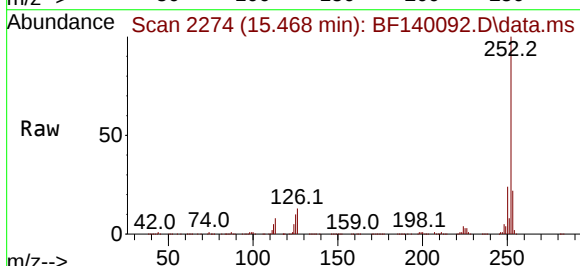
Tgt Ion:252 Resp: 780503

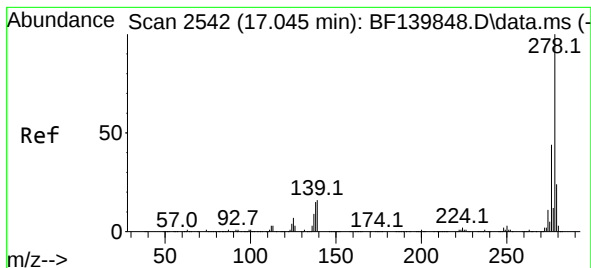
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.4 8.7 13.1

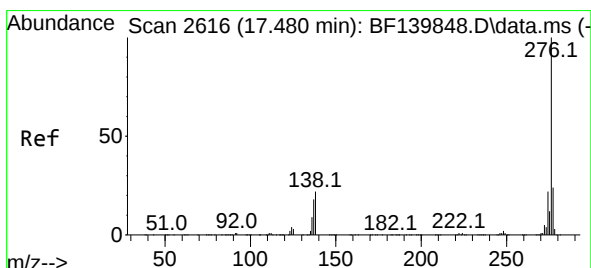
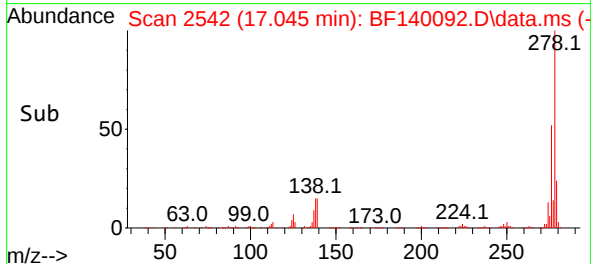
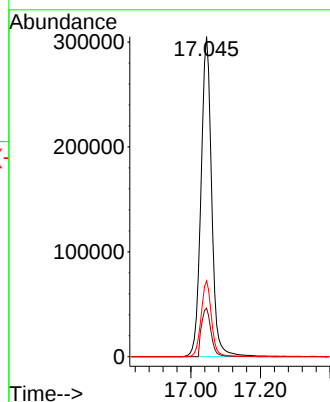
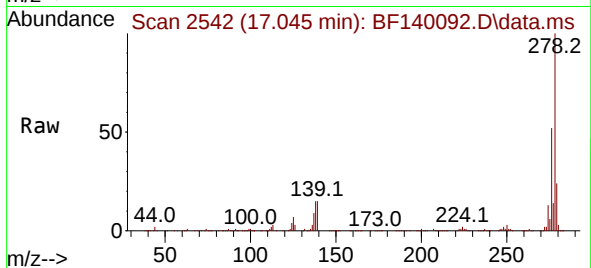




#91
Dibenzo(a,h)anthracene
Concen: 46.124 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Instrument :
BNA_F
ClientSampleId :
VNJ-215MS

Tgt Ion:278 Resp: 651067
Ion Ratio Lower Upper
278 100
139 15.2 13.1 19.7
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 37.525 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF140092.D
Acq: 28 Oct 2024 17:35

Tgt Ion:276 Resp: 529084
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 21.2 17.4 26.0

