

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138322.D
 Acq On : 24 Jun 2024 21:10
 Operator : CG\JU
 Sample : P23009-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204MSD

Quant Time: Jun 25 01:19:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	211649	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	737398	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	339112	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	620496	20.000	ng	0.00
76) Chrysene-d12	14.051	240	424572	20.000	ng	0.00
86) Perylene-d12	15.527	264	362772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1115363	88.156	ng	0.00
7) Phenol-d6	6.522	99	1324291	82.544	ng	0.00
23) Nitrobenzene-d5	7.451	82	787612	62.181	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	341029	101.018	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1540814	72.251	ng	0.00
79) Terphenyl-d14	12.992	244	1729750	64.527	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	240004	41.451	ng	97
3) Pyridine	3.498	79	608182	44.196	ng	96
4) n-Nitrosodimethylamine	3.457	42	297026	46.638	ng	93
6) Aniline	6.551	93	329942	21.018	ng	97
8) 2-Chlorophenol	6.675	128	666409	48.719	ng	100
9) Benzaldehyde	6.439	77	136528	16.022	ng	94
10) Phenol	6.534	94	772199	47.429	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	625448	47.998	ng	99
12) 1,3-Dichlorobenzene	6.828	146	705387	45.376	ng	98
13) 1,4-Dichlorobenzene	6.904	146	719297	45.979	ng	100
14) 1,2-Dichlorobenzene	7.057	146	675048	45.965	ng	99
15) Benzyl Alcohol	7.028	79	523031	48.350	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	787270	42.809	ng	95
17) 2-Methylphenol	7.139	107	496389	45.996	ng	98
18) Hexachloroethane	7.398	117	224225	42.307	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	422165	44.392	ng	95
20) 3+4-Methylphenols	7.292	107	586896	43.206	ng	92
22) Acetophenone	7.298	105	749746	44.508	ng	# 95
24) Nitrobenzene	7.469	77	618233	47.224	ng	96
25) Isophorone	7.710	82	1100356	48.027	ng	99
26) 2-Nitrophenol	7.786	139	326563	62.035	ng	99
27) 2,4-Dimethylphenol	7.822	122	419528	52.383	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	717854	50.053	ng	99
29) 2,4-Dichlorophenol	8.028	162	481447	46.692	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	565302	46.488	ng	98
31) Naphthalene	8.192	128	1689578	46.337	ng	99
32) Benzoic acid	7.933	122	264493	37.471	ng	99
33) 4-Chloroaniline	8.239	127	168675	12.377	ng	96
34) Hexachlorobutadiene	8.304	225	340143	47.828	ng	98
35) Caprolactam	8.604	113	134087	43.075	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	456768	44.492	ng	97
37) 2-Methylnaphthalene	8.880	142	1078783	45.080	ng	99
38) 1-Methylnaphthalene	8.980	142	1042168	44.441	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	503024	50.762	ng	99
41) Hexachlorocyclopentadiene	9.033	237	119257	36.908	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	346545	55.851	ng	98

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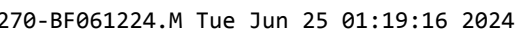
Instrument :
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 ClientSampleId :
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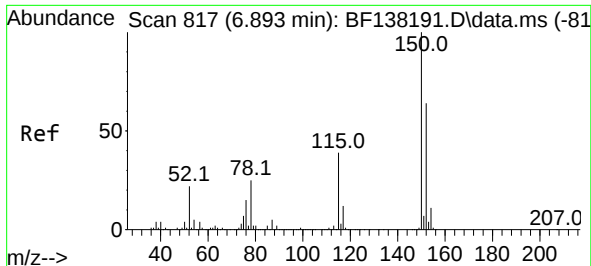
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	359189	52.714	ng	97
46) 1,1'-Biphenyl	9.345	154	1269564	51.020	ng	98
47) 2-Chloronaphthalene	9.375	162	963640	49.001	ng	96
48) 2-Nitroaniline	9.469	65	267352	56.451	ng	87
49) Acenaphthylene	9.786	152	1514471	54.920	ng	99
50) Dimethylphthalate	9.645	163	1213781	58.418	ng	100
51) 2,6-Dinitrotoluene	9.710	165	254888	56.547	ng	# 81
52) Acenaphthene	9.957	154	853828	45.406	ng	99
53) 3-Nitroaniline	9.875	138	190210	39.501	ng	96
54) 2,4-Dinitrophenol	9.980	184	47763	29.284	ng	# 91
55) Dibenzofuran	10.133	168	1316534	50.083	ng	96
56) 4-Nitrophenol	10.039	139	378361	99.429	ng	91
57) 2,4-Dinitrotoluene	10.110	165	319178	57.411	ng	94
58) Fluorene	10.475	166	951657	46.045	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	275684	51.769	ng	99
60) Diethylphthalate	10.345	149	1088186	55.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	493583	47.951	ng	99
62) 4-Nitroaniline	10.486	138	212534	44.175	ng	97
63) Azobenzene	10.627	77	970642	49.131	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	47600	19.814	ng	84
66) n-Nitrosodiphenylamine	10.580	169	900238	47.389	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	309046	44.201	ng	96
68) Hexachlorobenzene	11.022	284	347982	42.647	ng	96
69) Atrazine	11.110	200	263341	48.669	ng	98
70) Pentachlorophenol	11.216	266	416329	87.488	ng	98
71) Phenanthrene	11.439	178	1553086	50.613	ng	99
72) Anthracene	11.486	178	1560512	51.220	ng	99
73) Carbazole	11.645	167	1431354	51.223	ng	98
74) Di-n-butylphthalate	11.969	149	1644839	56.859	ng	99
75) Fluoranthene	12.627	202	1928623	61.635	ng	99
77) Benzidine	12.745	184	721286	146.874	ng	98
78) Pyrene	12.857	202	1842962	50.324	ng	99
80) Butylbenzylphthalate	13.468	149	778741	78.175	ng	95
81) Benzo(a)anthracene	14.045	228	1425508	52.334	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	416857	55.574	ng	99
83) Chrysene	14.080	228	1442657	55.566	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1030593	88.953	ng	99
85) Di-n-octyl phthalate	14.645	149	1758756	102.183	ng	# 100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1138041	48.122	ng	100
88) Benzo(b)fluoranthene	15.098	252	1257693	58.790	ng	99
89) Benzo(k)fluoranthene	15.127	252	1140574	54.401	ng	100
90) Benzo(a)pyrene	15.468	252	1061525	57.758	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	908129	46.783	ng	98
92) Benzo(g,h,i)perylene	17.468	276	925583	46.092	ng	100

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

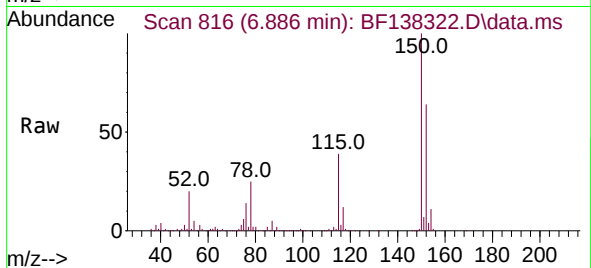
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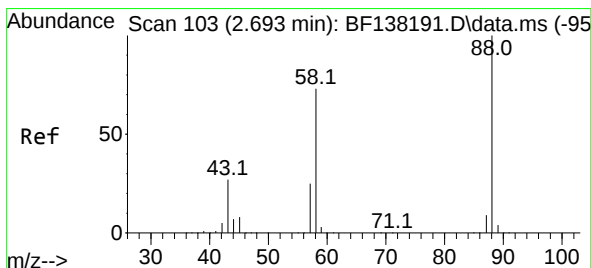
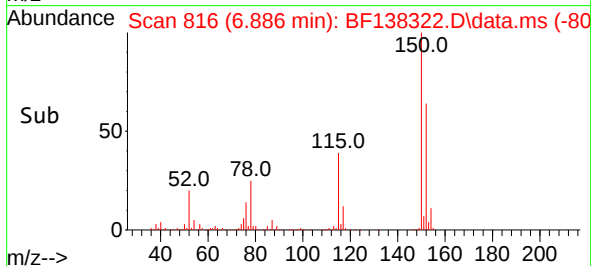
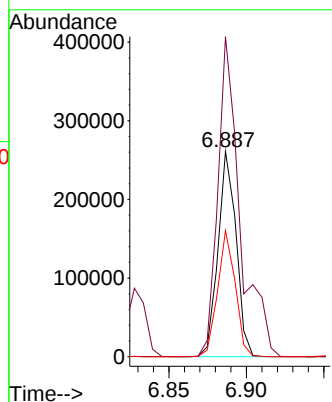


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Instrument :
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ClientSampleId :
VNJ-204MSD

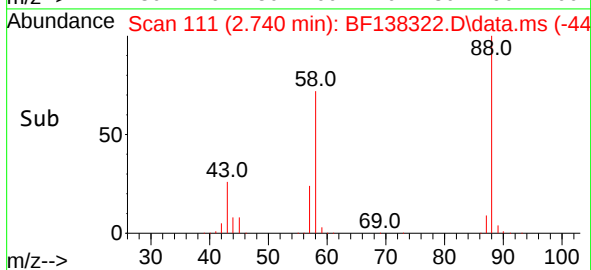
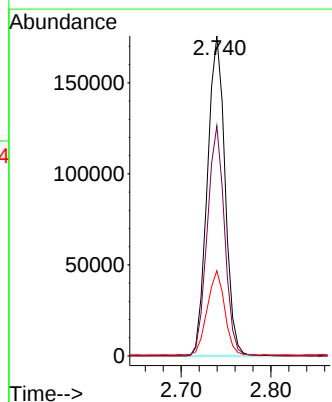
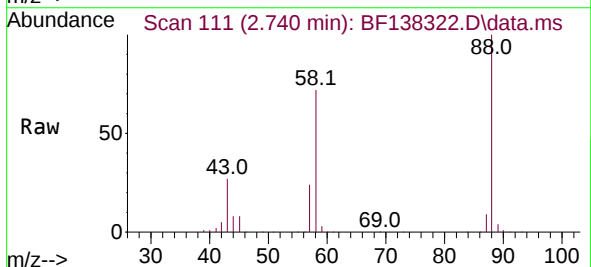


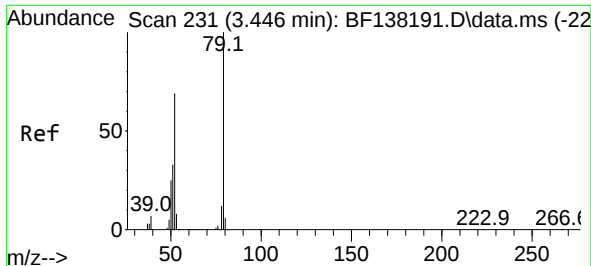
Tgt Ion:152 Resp: 211649
Ion Ratio Lower Upper
152 100
150 155.9 125.0 187.4
115 61.4 48.4 72.6



#2
1,4-Dioxane
Concen: 41.451 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.047 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion: 88 Resp: 240004
Ion Ratio Lower Upper
88 100
58 70.5 58.6 87.8
43 26.0 22.4 33.6





#3

Pyridine

Concen: 44.196 ng

RT: 3.498 min Scan# 24

Delta R.T. 0.053 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

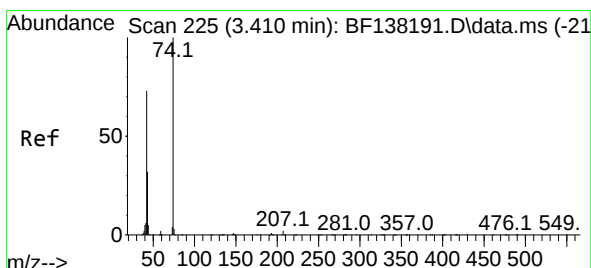
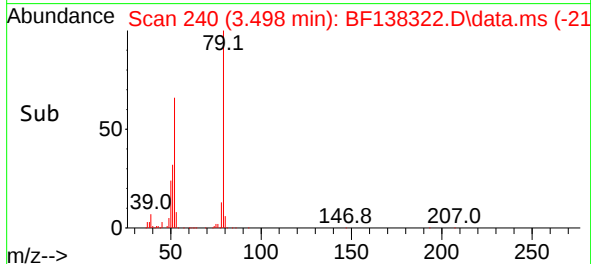
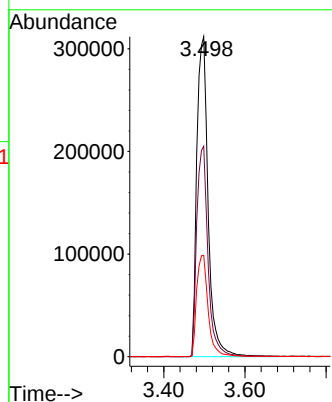
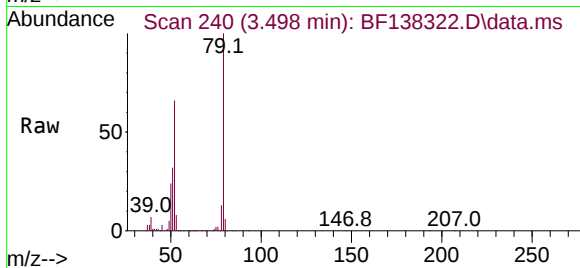
Tgt Ion: 79 Resp: 608182

Ion Ratio Lower Upper

79 100

52 65.8 55.0 82.4

51 31.6 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 46.638 ng

RT: 3.457 min Scan# 233

Delta R.T. 0.047 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

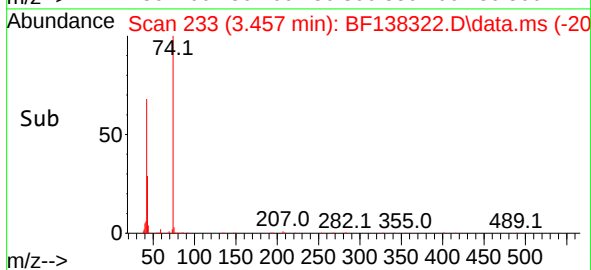
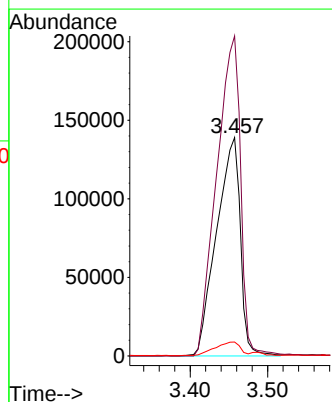
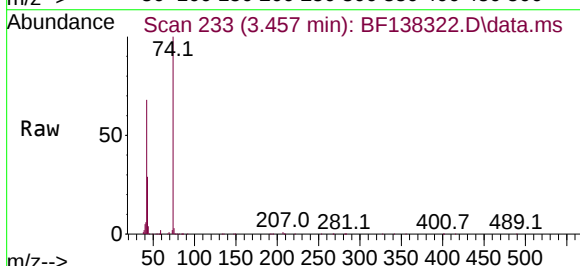
Tgt Ion: 42 Resp: 297026

Ion Ratio Lower Upper

42 100

74 146.6 109.9 164.9

44 6.4 5.2 7.8

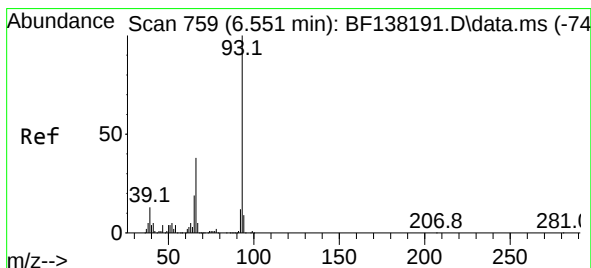
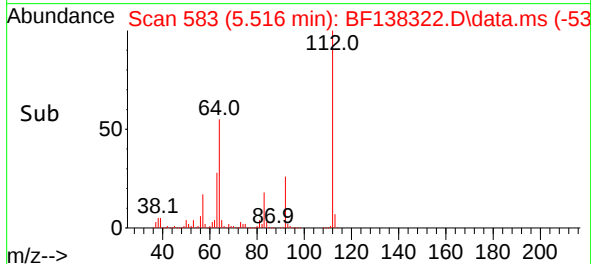
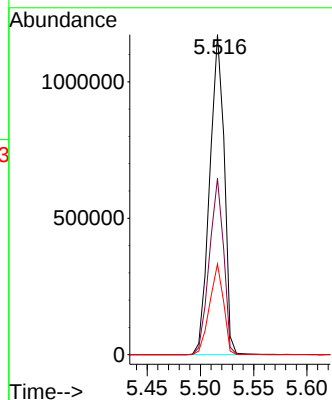
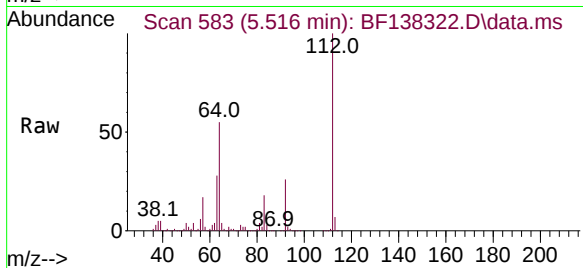




#5
2-Fluorophenol
Concen: 88.156 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

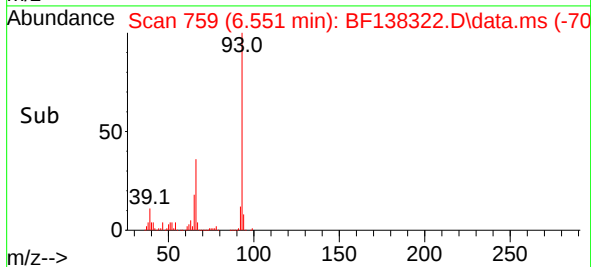
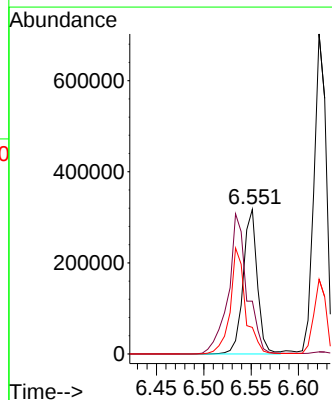
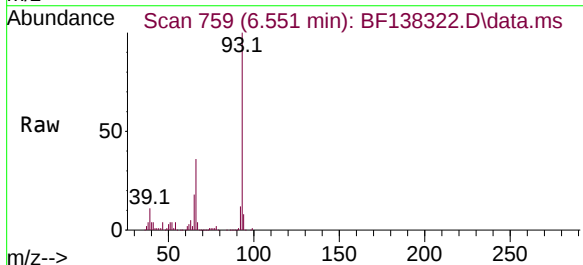
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Tgt Ion:112 Resp: 1115363
Ion Ratio Lower Upper
112 100
64 55.1 45.2 67.8
63 28.4 22.9 34.3



#6
Aniline
Concen: 21.018 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion: 93 Resp: 329942
Ion Ratio Lower Upper
93 100
66 36.4 30.8 46.2
65 18.4 15.5 23.3

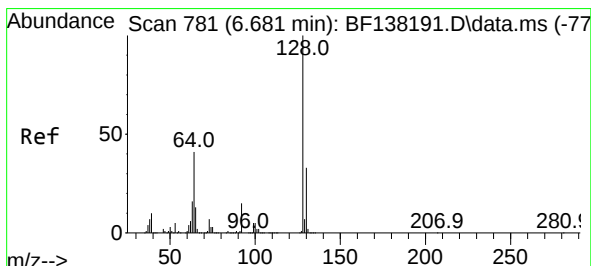
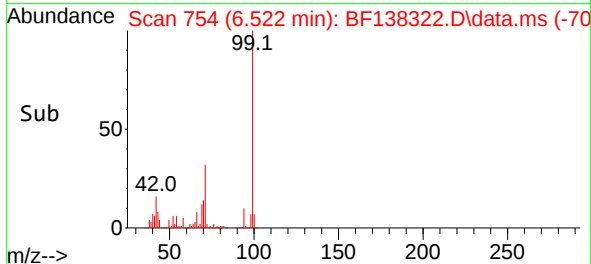
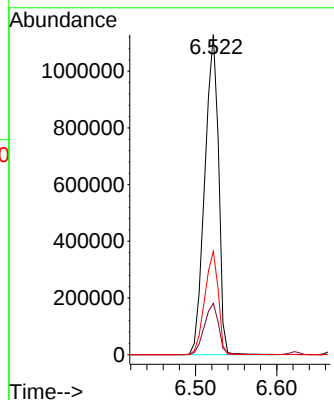
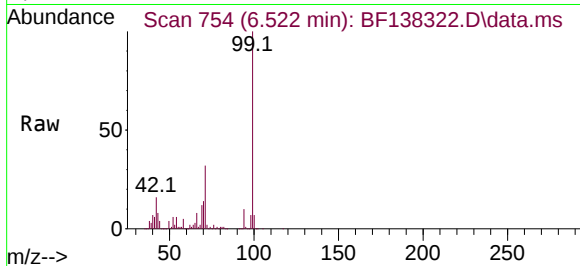




#7
Phenol-d6
Concen: 82.544 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

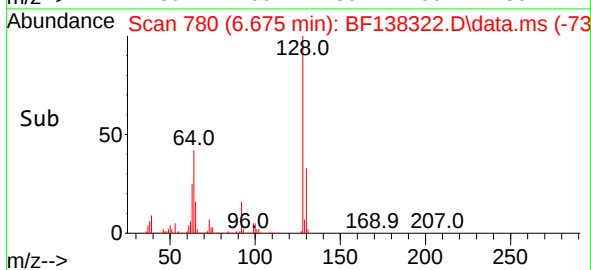
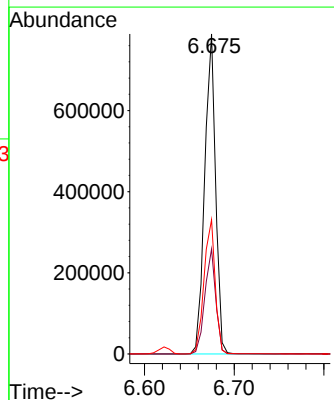
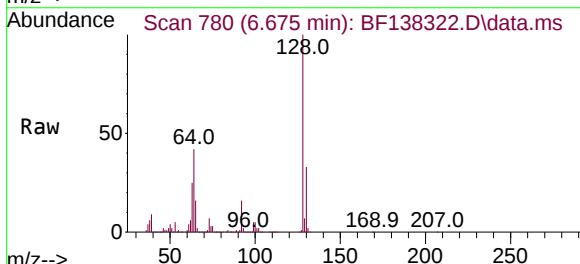
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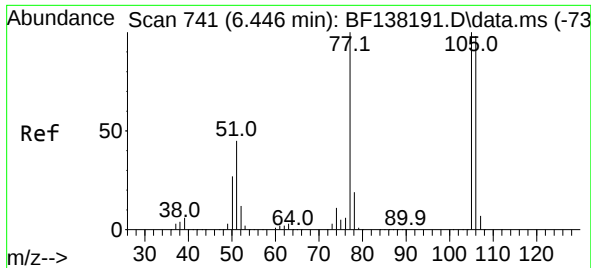
Tgt Ion: 99 Resp: 1324291
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 32.3 25.0 37.6



#8
2-Chlorophenol
Concen: 48.719 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:128 Resp: 666409
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 41.9 21.8 61.8

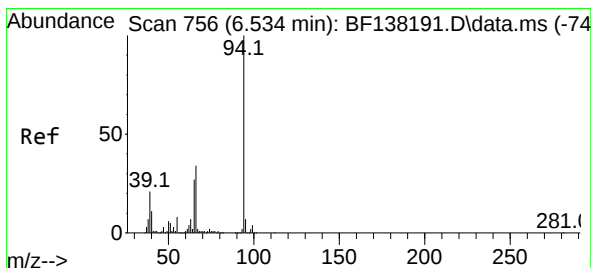
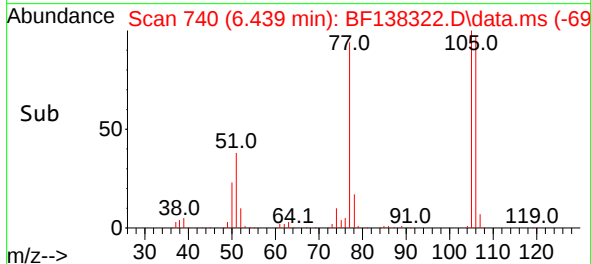
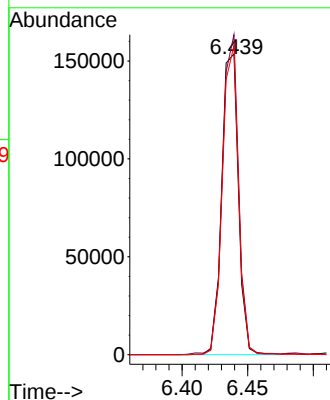
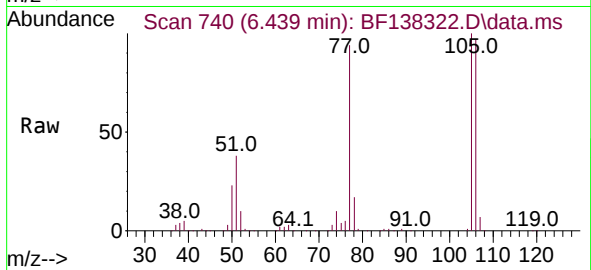




#9
Benzaldehyde
Concen: 16.022 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.007 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

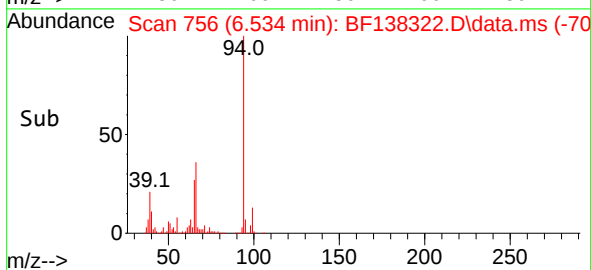
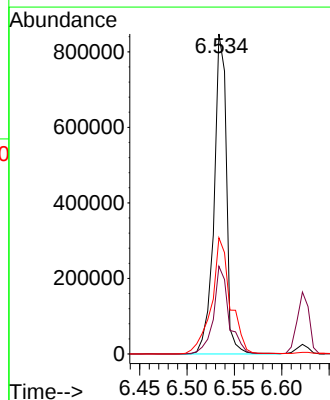
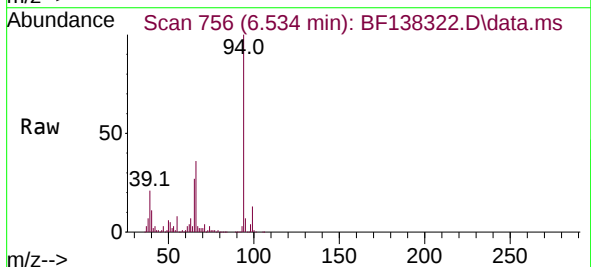
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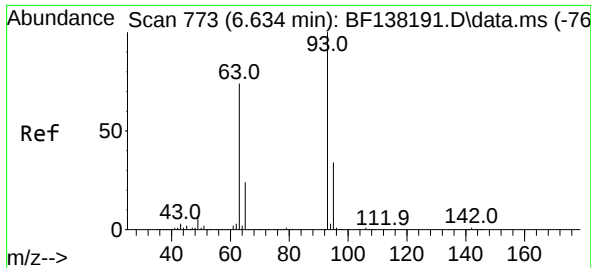
Tgt Ion: 77 Resp: 136528
Ion Ratio Lower Upper
77 100
105 106.4 80.1 120.1
106 102.7 77.8 117.8



#10
Phenol
Concen: 47.429 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion: 94 Resp: 772199
Ion Ratio Lower Upper
94 100
65 27.4 6.8 46.8
66 36.3 14.2 54.2

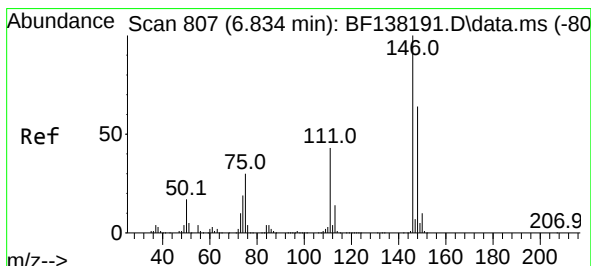
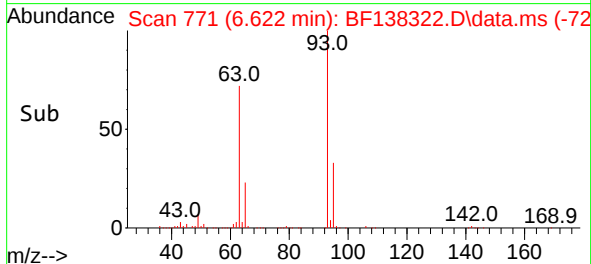
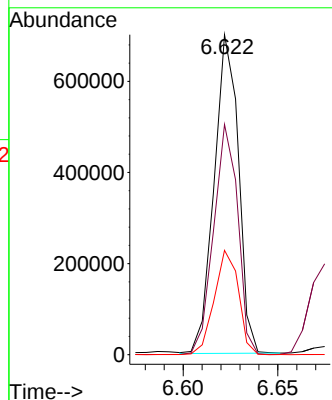
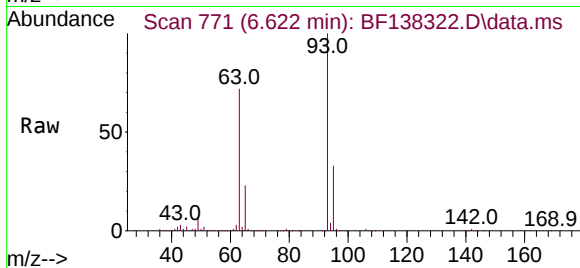




#11
bis(2-Chloroethyl)ether
Concen: 47.998 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

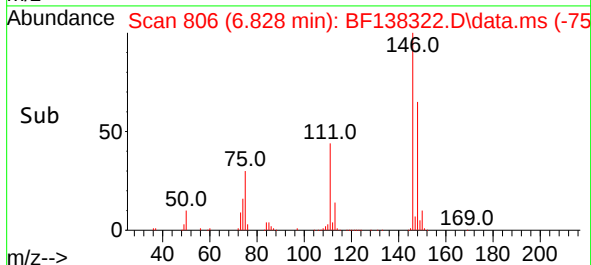
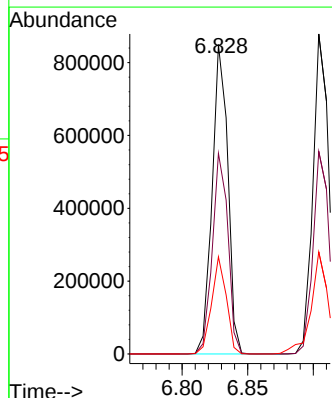
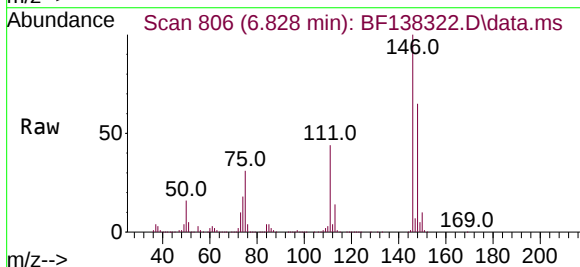
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

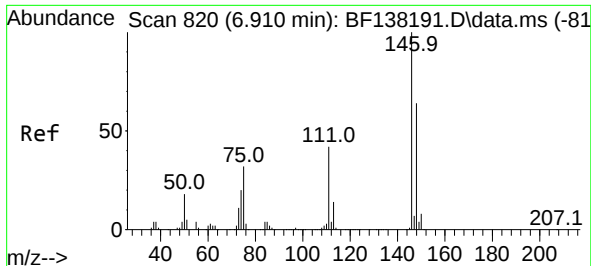
Tgt Ion: 93 Resp: 625448
Ion Ratio Lower Upper
93 100
63 71.9 52.5 92.5
95 32.6 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 45.376 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion: 146 Resp: 705387
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
75 31.4 24.3 36.5

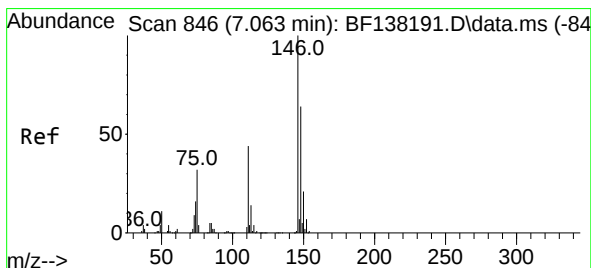
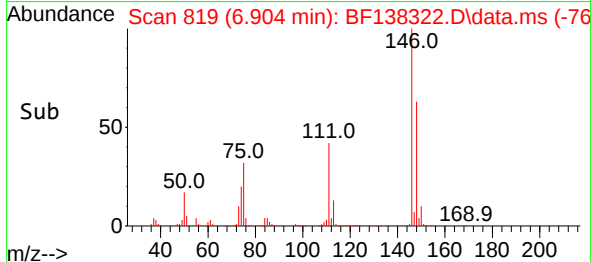
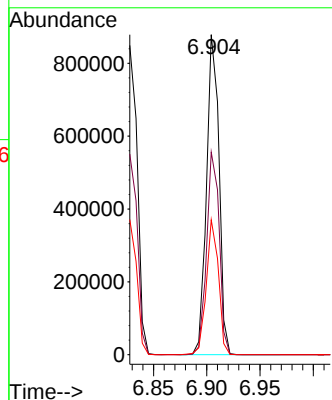
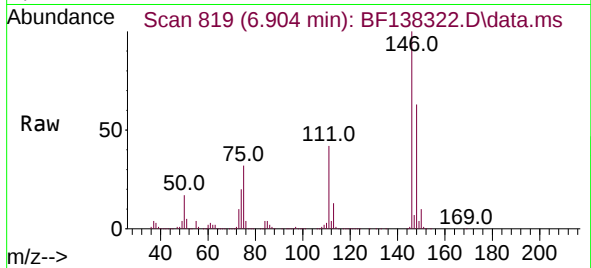




#13
1,4-Dichlorobenzene
Concen: 45.979 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

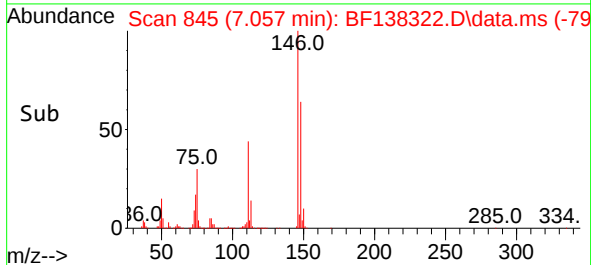
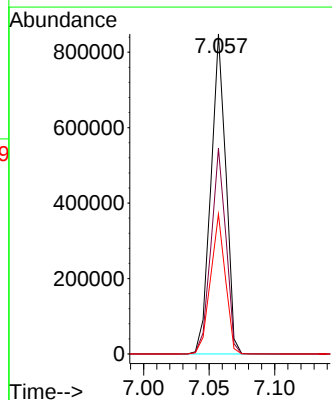
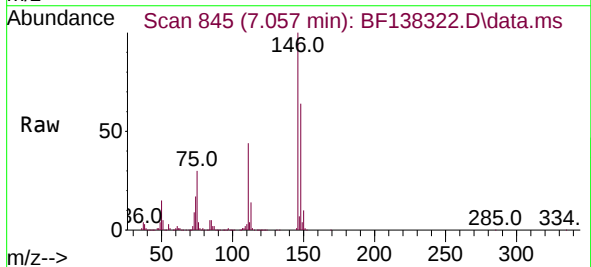
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

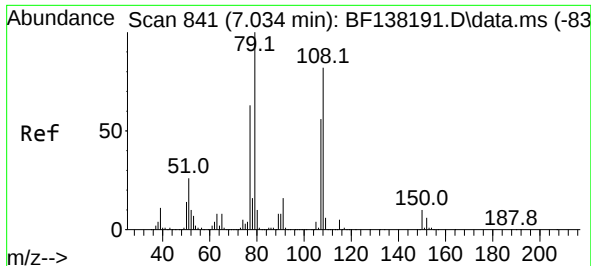
Tgt Ion:146 Resp: 719297
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 42.2 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 45.965 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:146 Resp: 675048
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 43.7 35.4 53.2





#15

Benzyl Alcohol

Concen: 48.350 ng

RT: 7.028 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

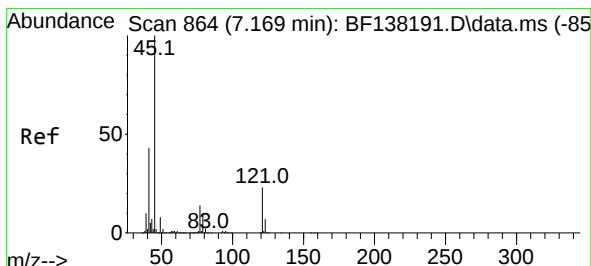
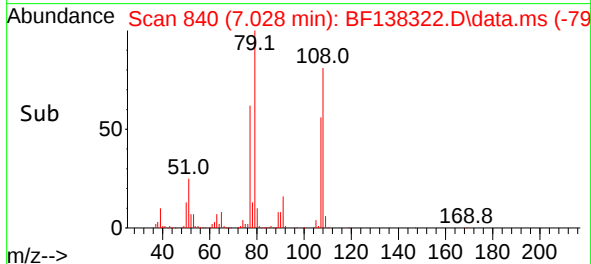
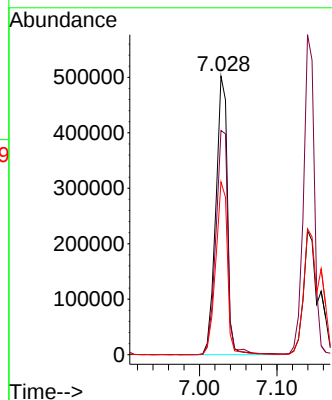
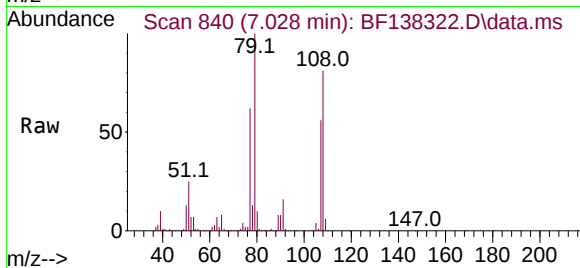
Tgt Ion: 79 Resp: 523031

Ion Ratio Lower Upper

79 100

108 80.5 65.9 98.9

77 62.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.809 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

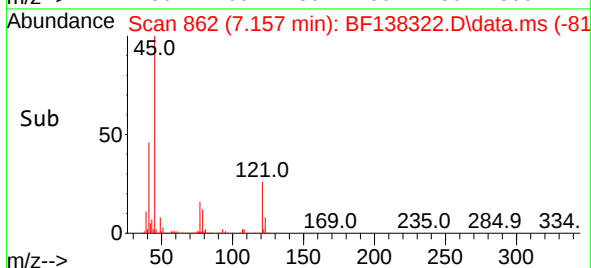
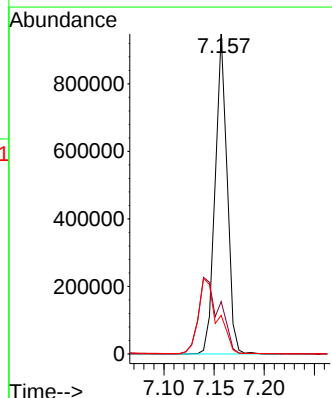
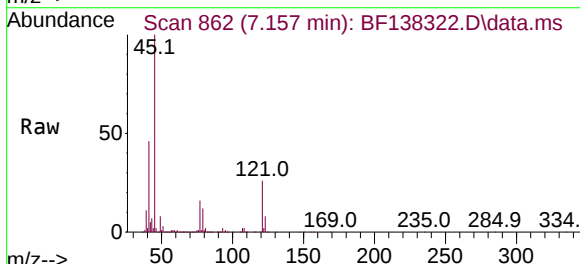
Tgt Ion: 45 Resp: 787270

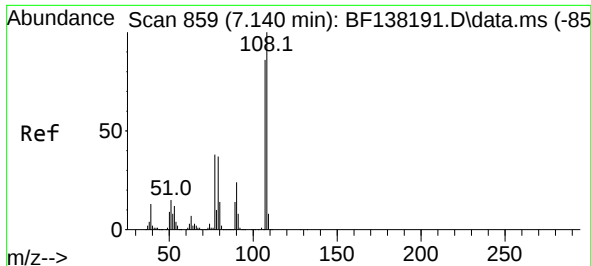
Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.9

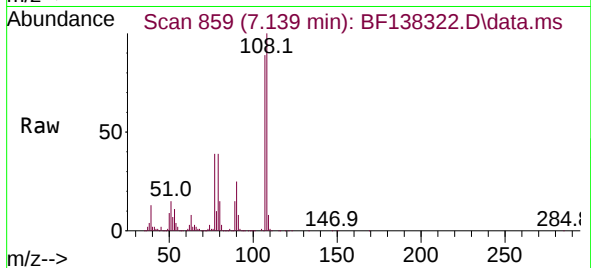
79 12.1 0.0 30.7





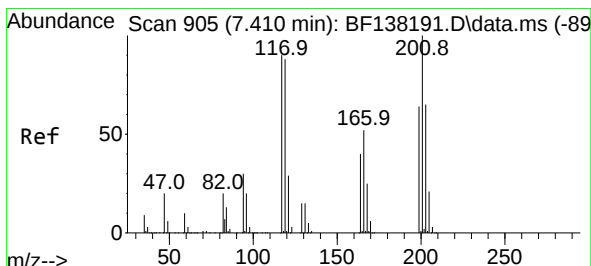
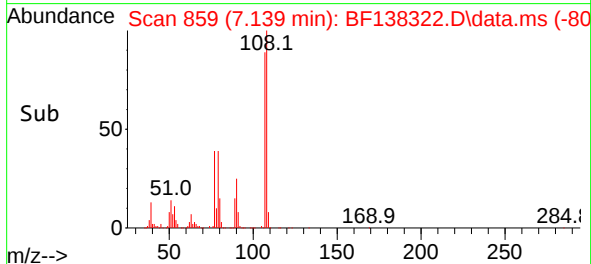
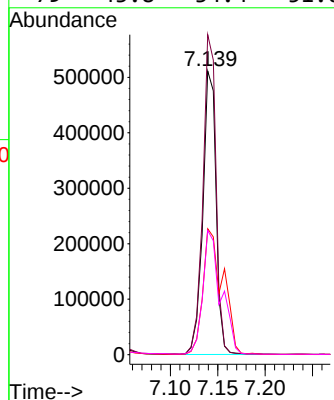
#17
2-Methylphenol
Concen: 45.996 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD



Tgt Ion:107 Resp: 496389

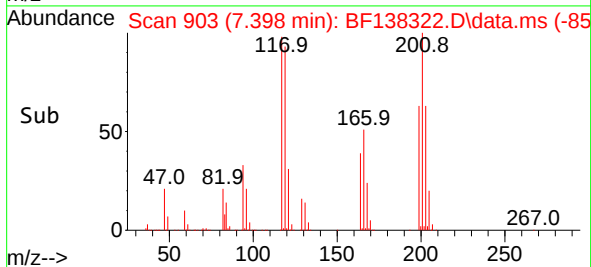
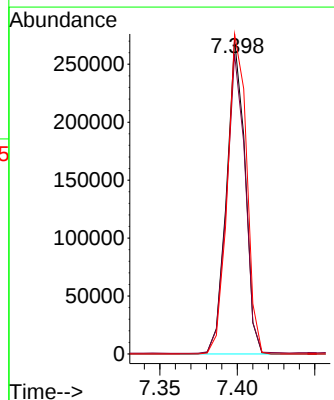
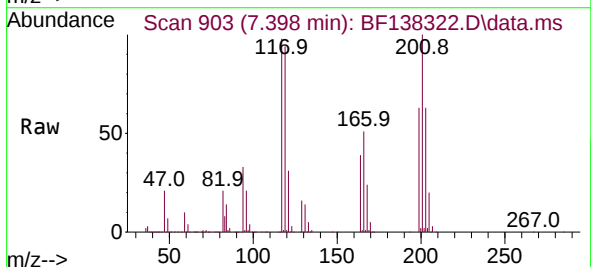
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.7	139.1
77	44.4	35.7	53.5
79	43.8	34.4	51.6

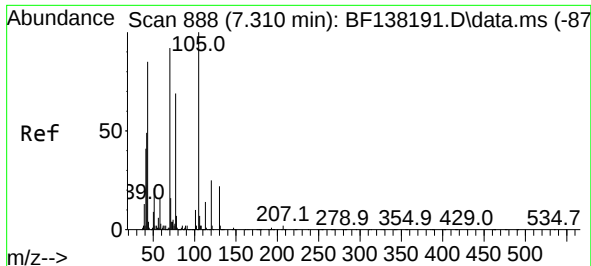


#18
Hexachloroethane
Concen: 42.307 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:117 Resp: 224225

Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.4	117.6
201	101.7	89.0	133.6



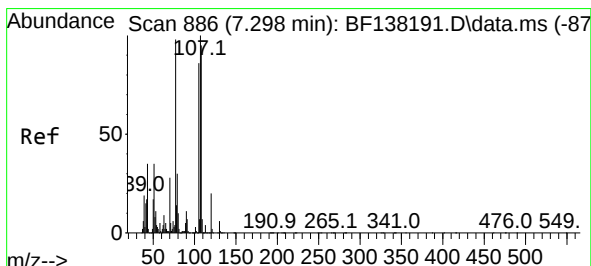
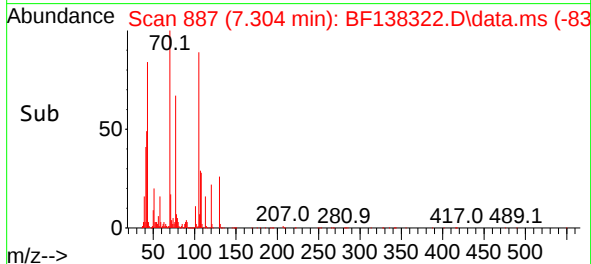
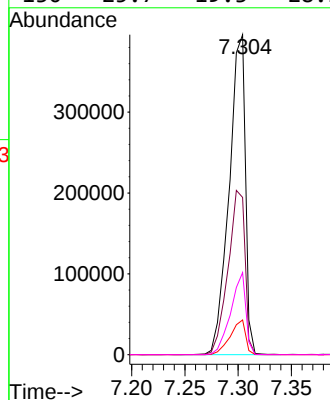
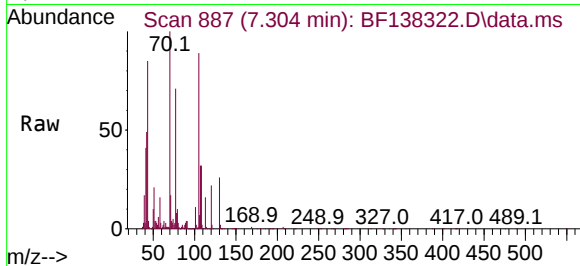


#19
n-Nitroso-di-n-propylamine
Concen: 44.392 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

Tgt Ion: 70 Resp: 422165

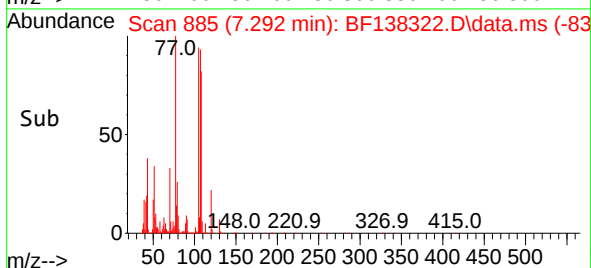
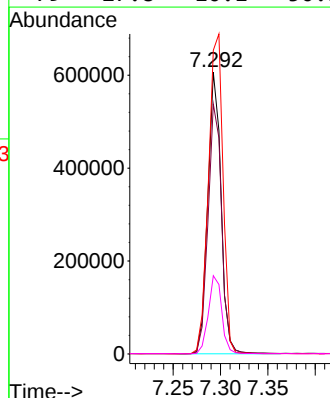
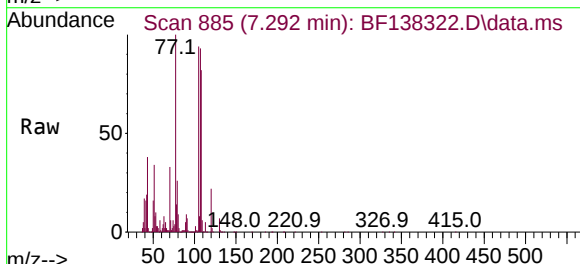
Ion	Ratio	Lower	Upper
70	100		
42	49.2	42.8	64.2
101	10.8	8.4	12.6
130	25.7	19.3	28.9

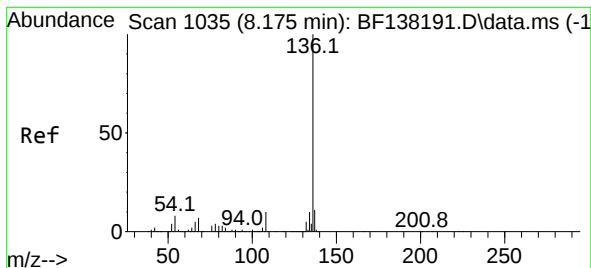


#20
3+4-Methylphenols
Concen: 43.206 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion: 107 Resp: 586896

Ion	Ratio	Lower	Upper
107	100		
108	88.7	74.9	114.9
77	107.8	78.2	118.2
79	27.8	10.1	50.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

Tgt Ion:136 Resp: 737398

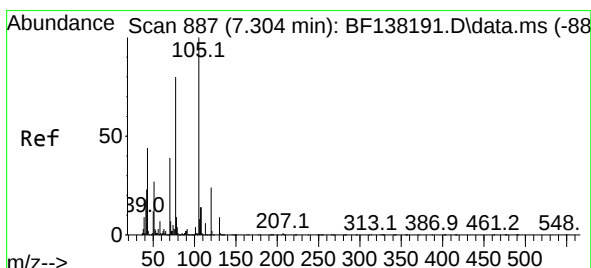
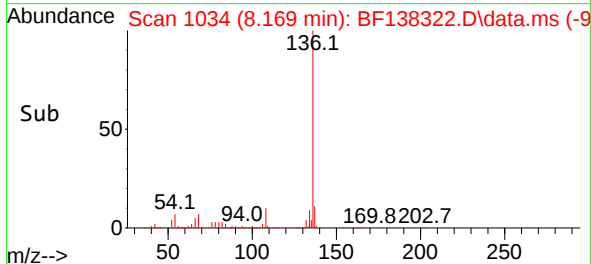
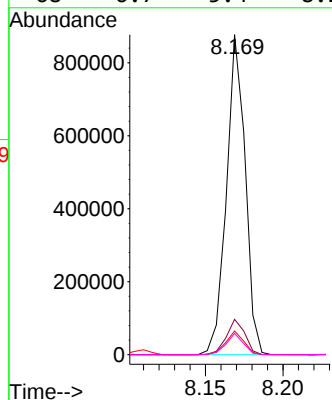
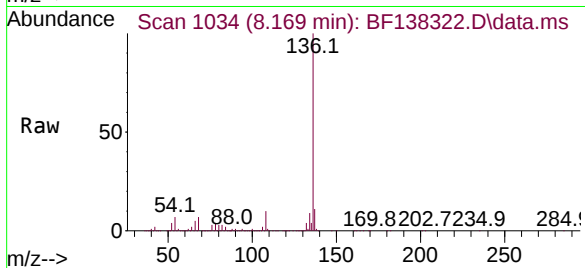
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.4 6.6 10.0

68 6.7 5.4 8.2



#22

Acetophenone

Concen: 44.508 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Tgt Ion:105 Resp: 749746

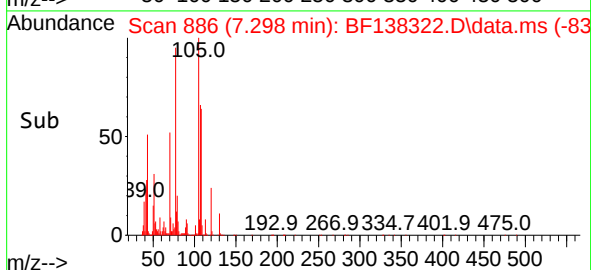
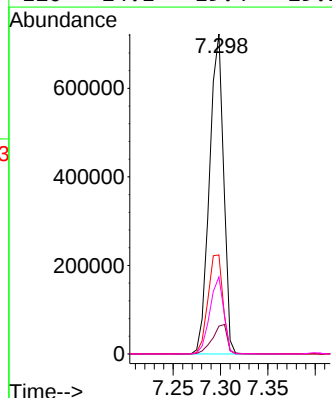
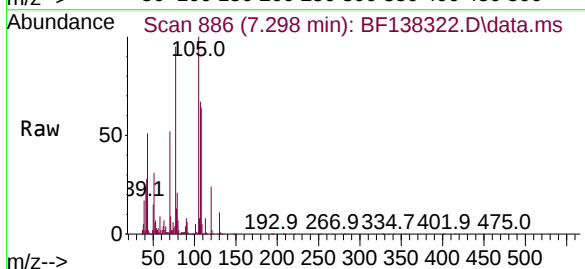
Ion Ratio Lower Upper

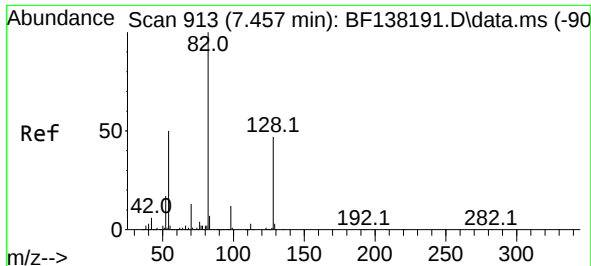
105 100

71 8.7 5.4 8.2#

51 31.0 21.4 32.0

120 24.1 19.4 29.2

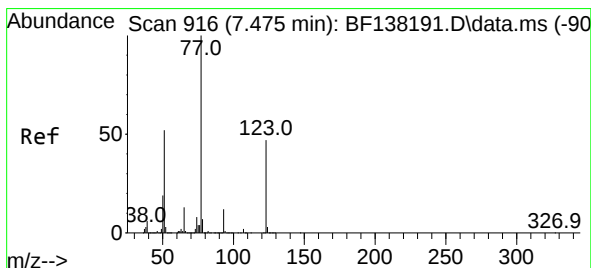
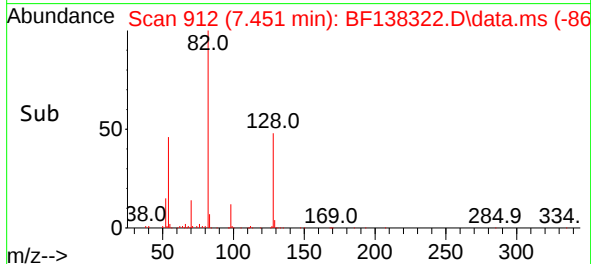
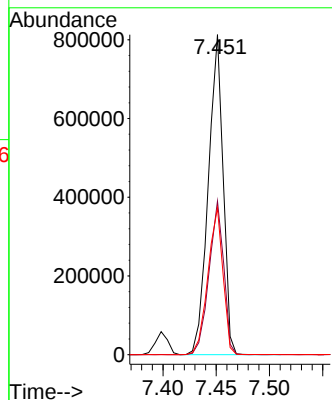
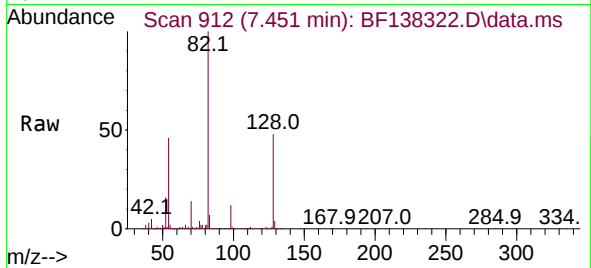




#23
Nitrobenzene-d5
Concen: 62.181 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

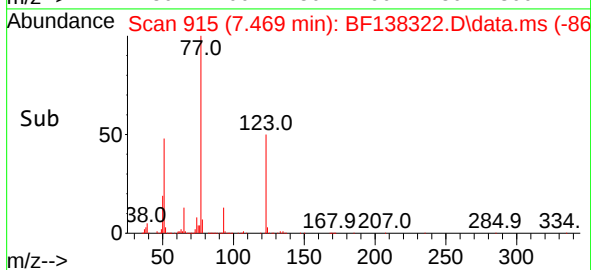
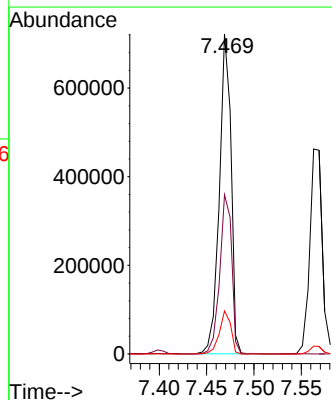
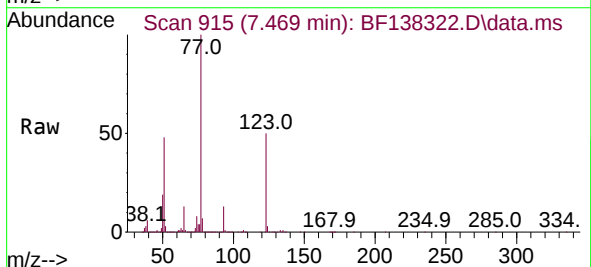
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

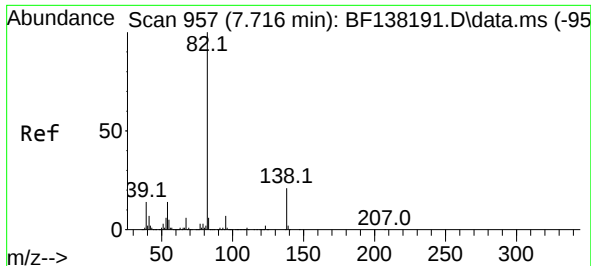
Tgt Ion: 82 Resp: 787612
Ion Ratio Lower Upper
82 100
128 48.0 37.2 55.8
54 45.9 39.8 59.6



#24
Nitrobenzene
Concen: 47.224 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion: 77 Resp: 618233
Ion Ratio Lower Upper
77 100
123 49.8 37.3 55.9
65 13.5 10.6 15.8

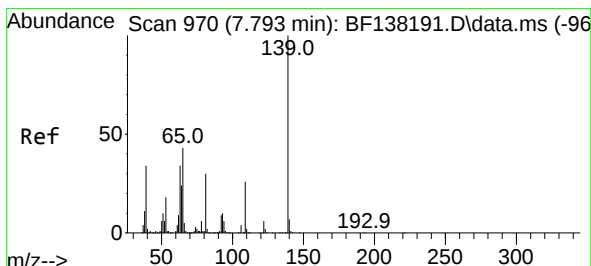
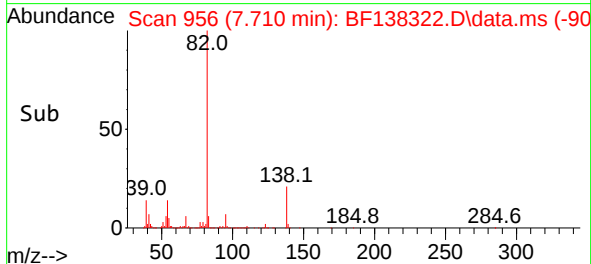
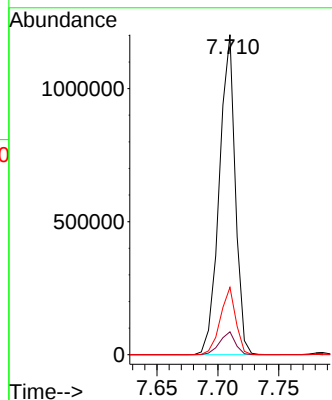
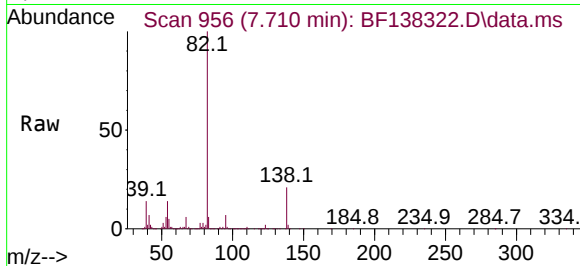




#25
Isophorone
Concen: 48.027 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

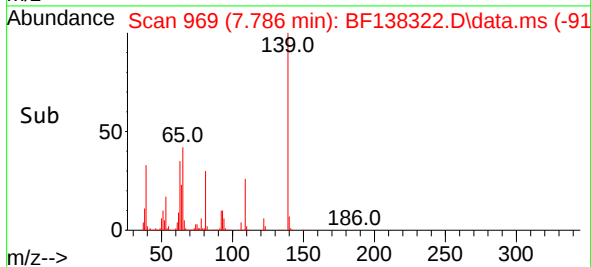
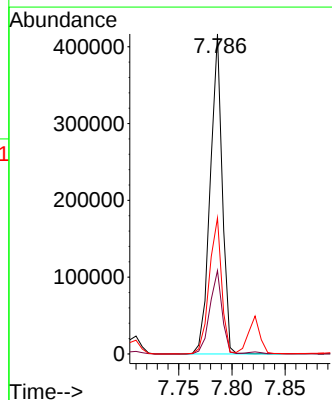
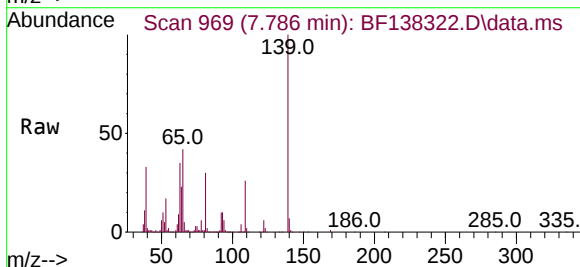
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

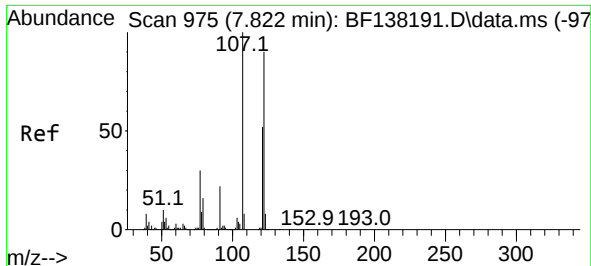
Tgt Ion: 82 Resp: 1100356
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 21.0 16.4 24.6



#26
2-Nitrophenol
Concen: 62.035 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion: 139 Resp: 326563
Ion Ratio Lower Upper
139 100
109 26.0 20.7 31.1
65 42.5 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 52.383 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

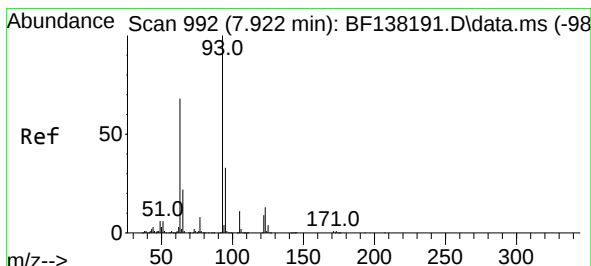
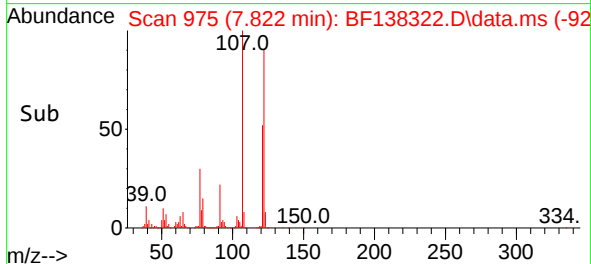
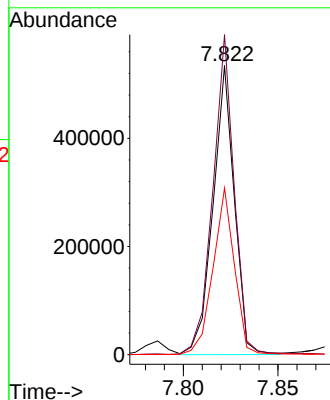
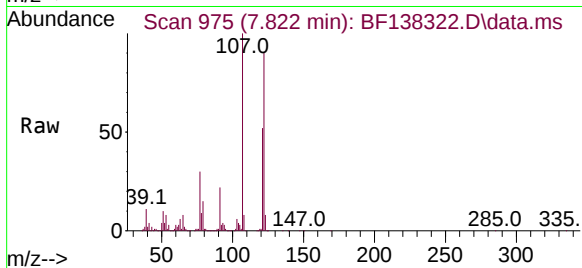
Tgt Ion:122 Resp: 419528

Ion Ratio Lower Upper

122 100

107 110.7 87.7 131.5

121 57.6 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 50.053 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

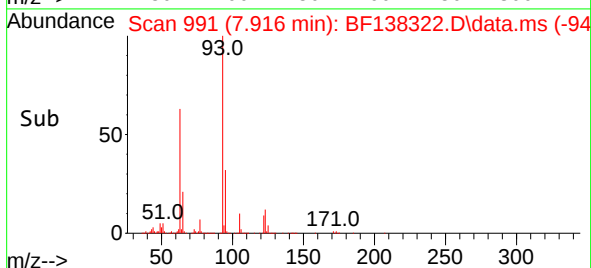
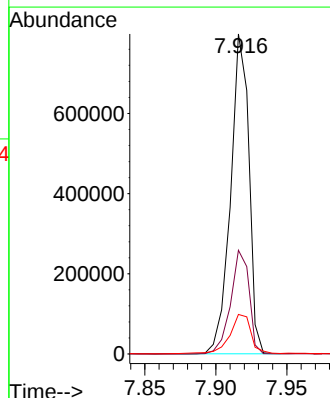
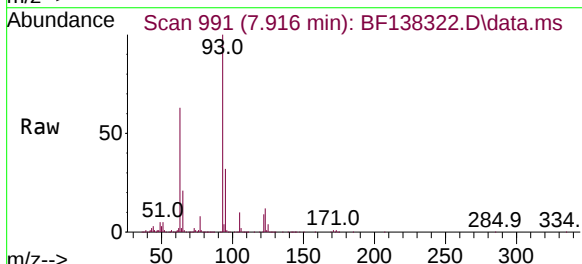
Tgt Ion: 93 Resp: 717854

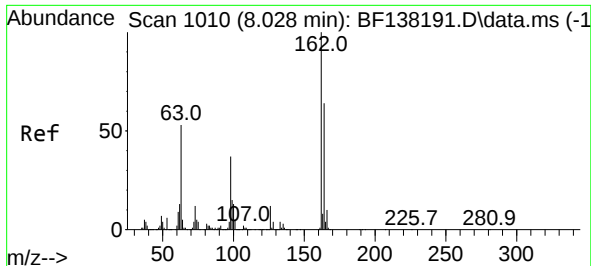
Ion Ratio Lower Upper

93 100

95 32.4 26.6 39.8

123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.692 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

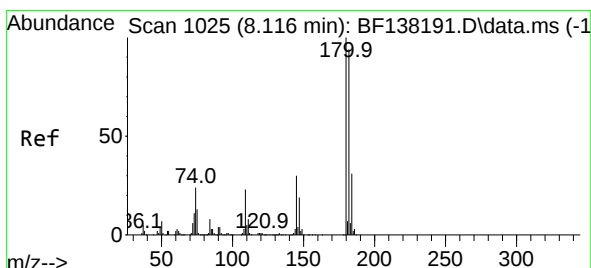
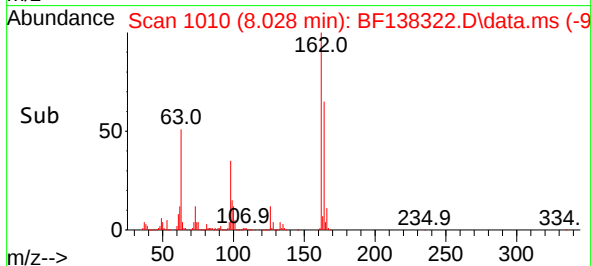
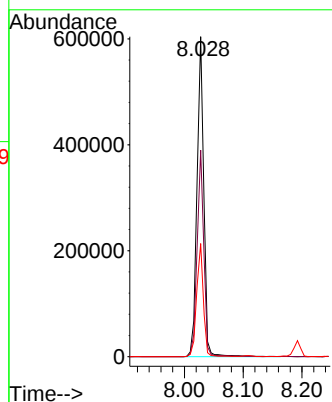
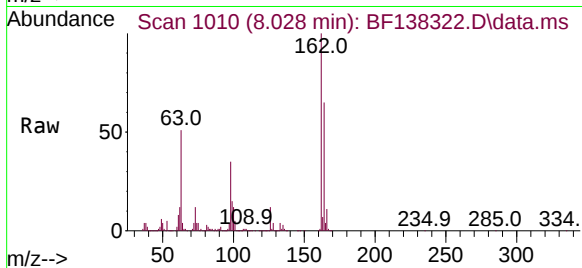
Tgt Ion:162 Resp: 481447

Ion Ratio Lower Upper

162 100

164 64.6 44.3 84.3

98 35.3 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 46.488 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

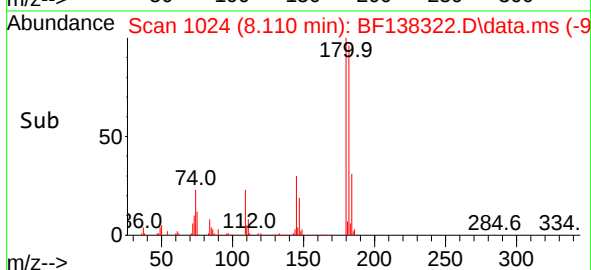
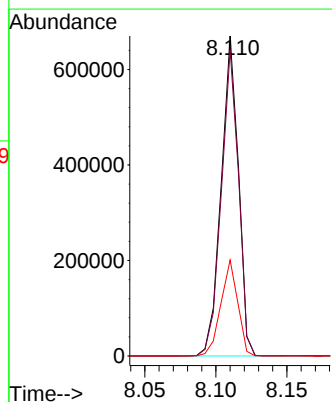
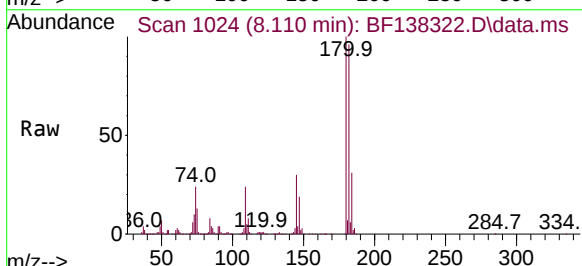
Tgt Ion:180 Resp: 565302

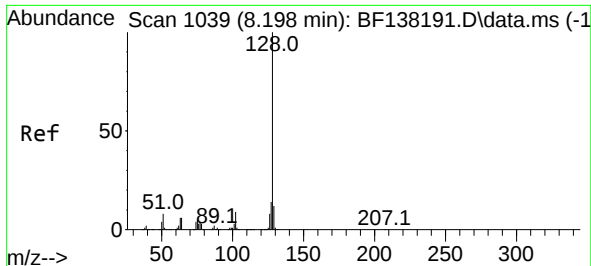
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

145 30.0 23.8 35.6

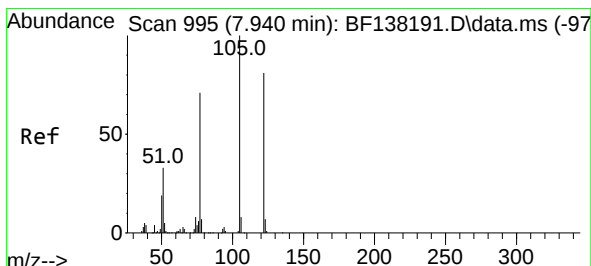
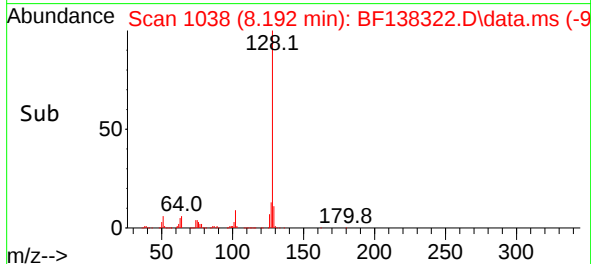
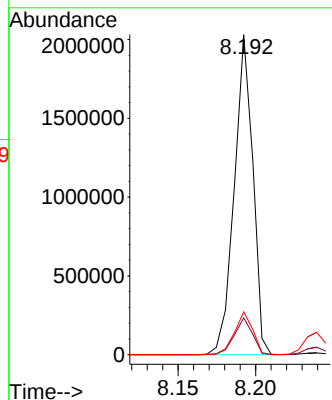
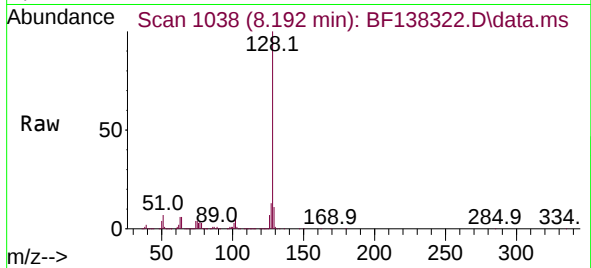




#31
Naphthalene
Concen: 46.337 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

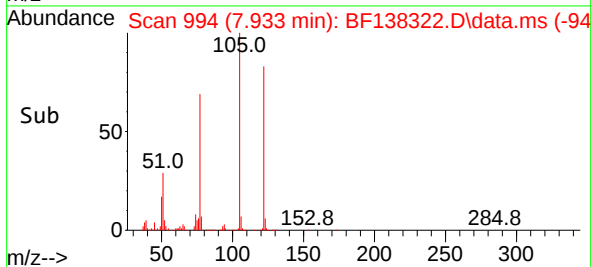
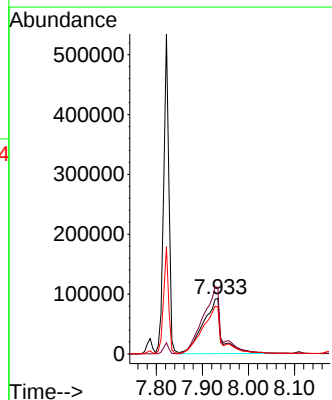
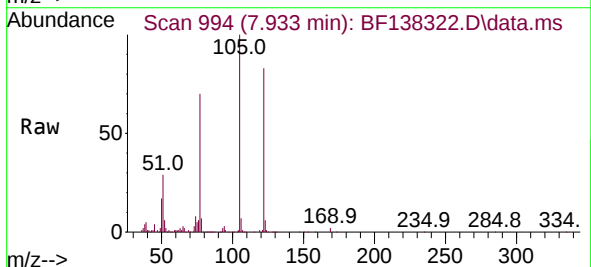
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

Tgt Ion:128 Resp: 1689578
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.4 11.0 16.6



#32
Benzoic acid
Concen: 37.471 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.007 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:122 Resp: 264493
Ion Ratio Lower Upper
122 100
105 120.1 100.1 140.1
77 84.6 66.5 106.5

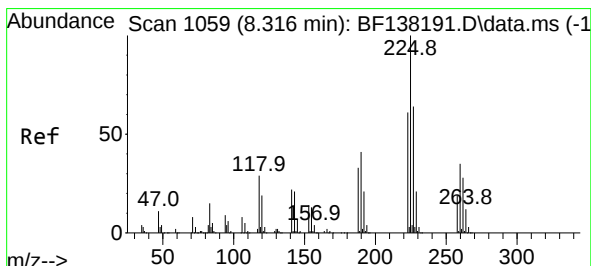
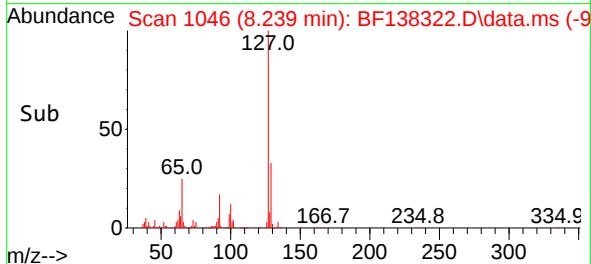
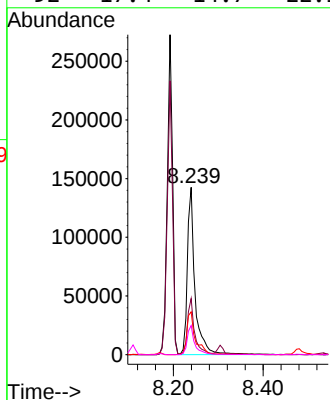
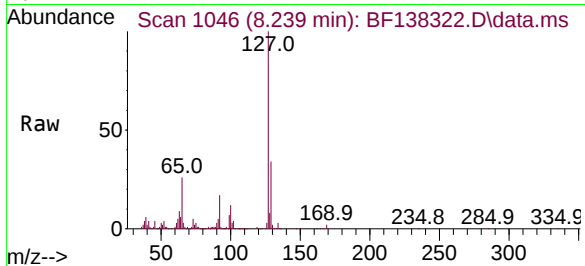




#33
4-Chloroaniline
Concen: 12.377 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

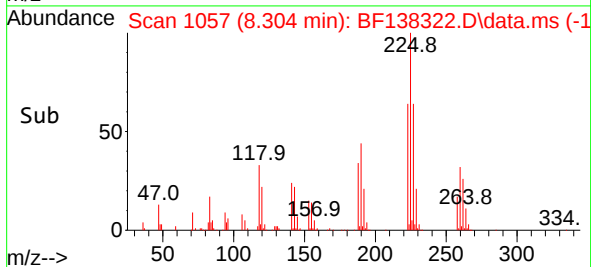
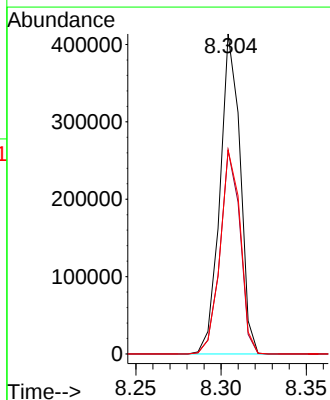
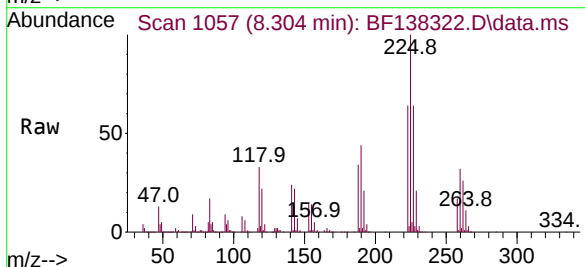
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

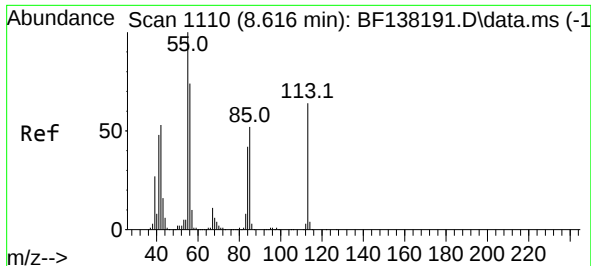
Tgt Ion:127	Resp: 168675
Ion Ratio	Lower Upper
127 100	
129 33.6	26.1 39.1
65 25.6	23.6 35.4
92 17.4	14.7 22.1



#34
Hexachlorobutadiene
Concen: 47.828 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:225	Resp: 340143
Ion Ratio	Lower Upper
225 100	
223 63.7	49.0 73.6
227 63.7	51.2 76.8

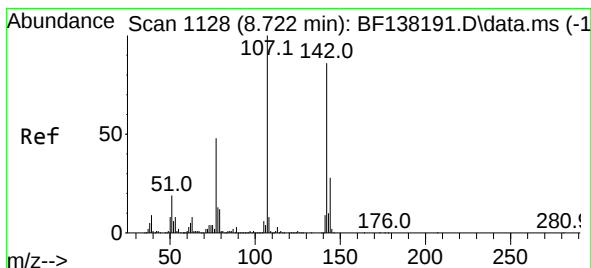
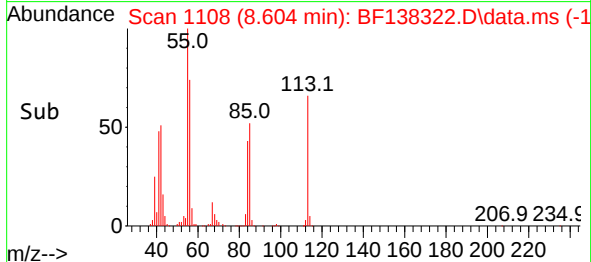
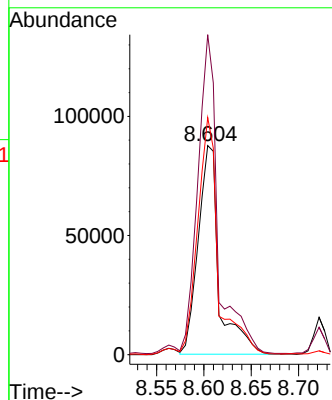
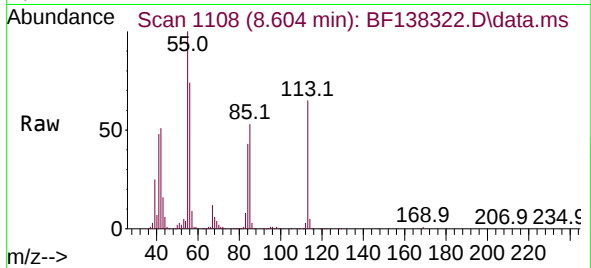




#35
 Caprolactam
 Concen: 43.075 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF138322.D
 Acq: 24 Jun 2024 21:10

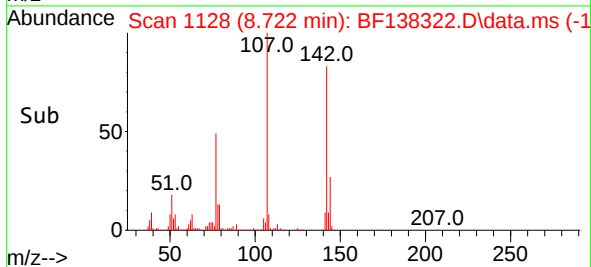
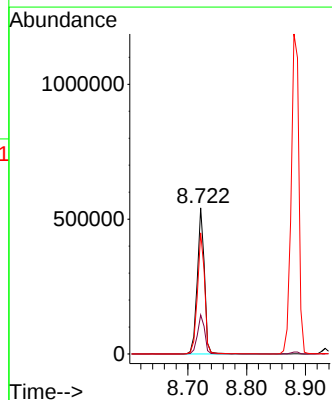
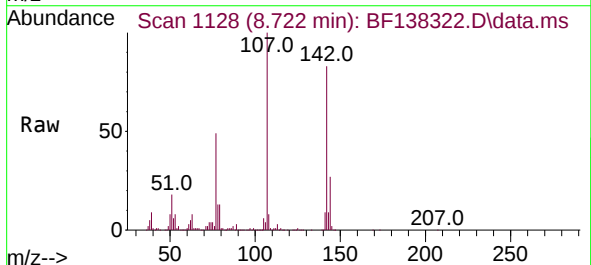
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204MSD

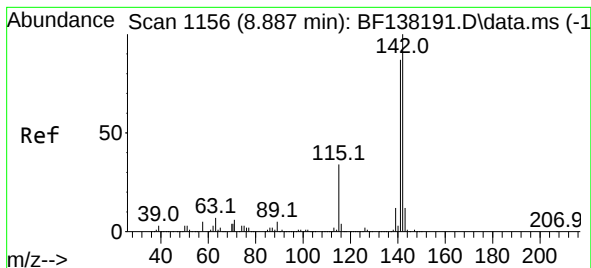
Tgt Ion:113 Resp: 134087
 Ion Ratio Lower Upper
 113 100
 55 153.1 135.4 175.4
 56 113.4 95.5 135.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.492 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: BF138322.D
 Acq: 24 Jun 2024 21:10

Tgt Ion:107 Resp: 456768
 Ion Ratio Lower Upper
 107 100
 144 26.7 22.6 34.0
 142 82.9 69.0 103.4





#37

2-Methylnaphthalene

Concen: 45.080 ng

RT: 8.880 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

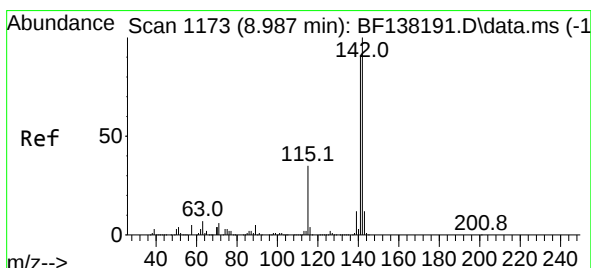
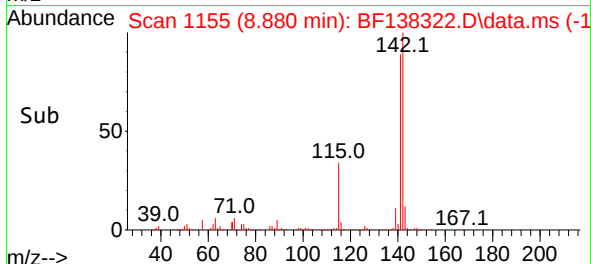
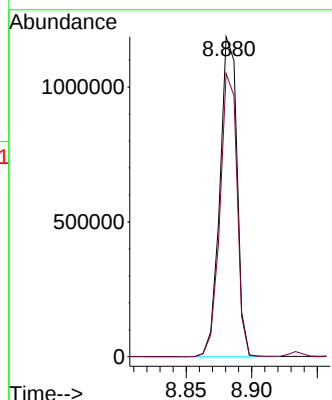
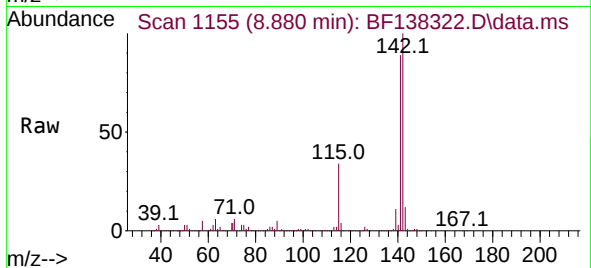
VNJ-204MSD

Tgt Ion:142 Resp: 1078783

Ion Ratio Lower Upper

142 100

141 88.5 69.9 104.9



#38

1-Methylnaphthalene

Concen: 44.441 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138322.D

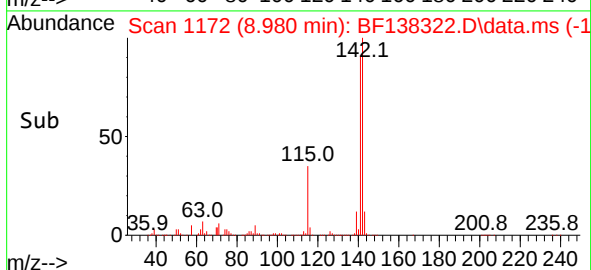
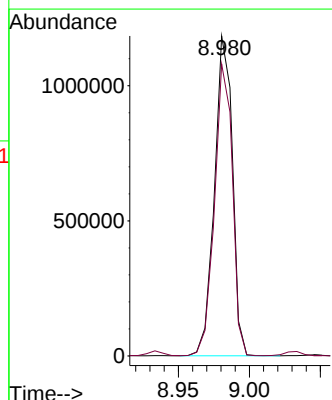
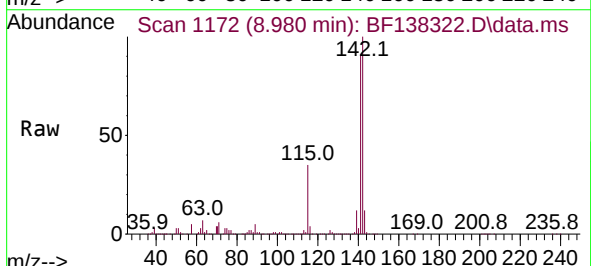
Acq: 24 Jun 2024 21:10

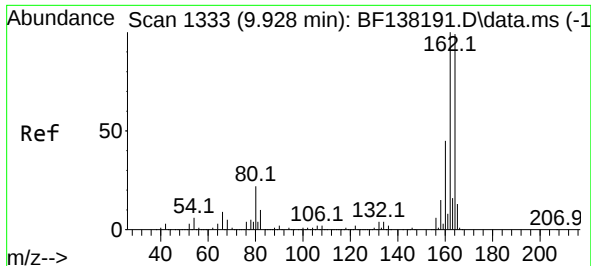
Tgt Ion:142 Resp: 1042168

Ion Ratio Lower Upper

142 100

141 91.3 72.8 109.2

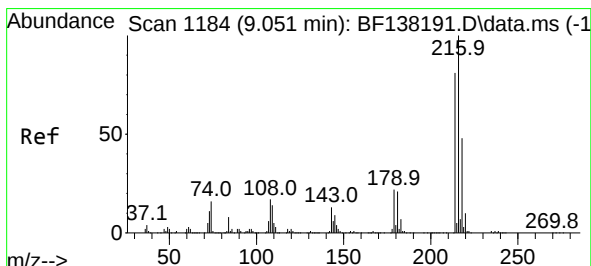
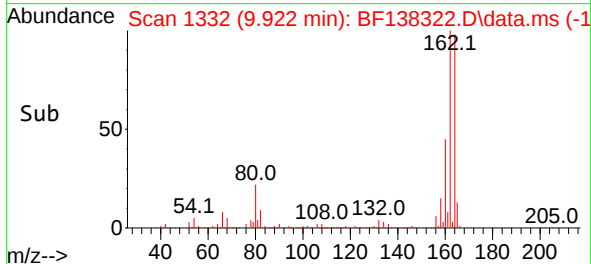
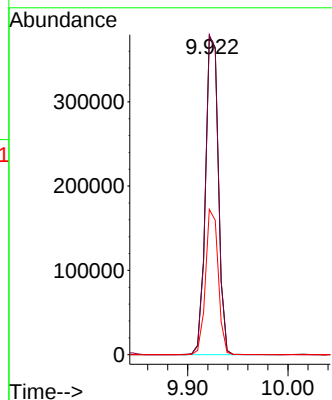
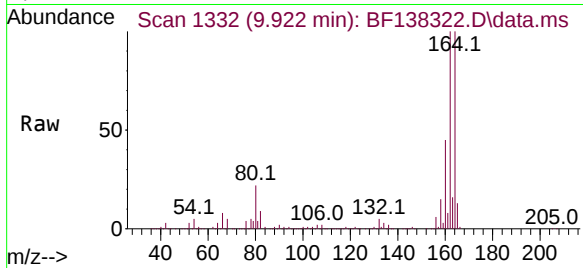




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

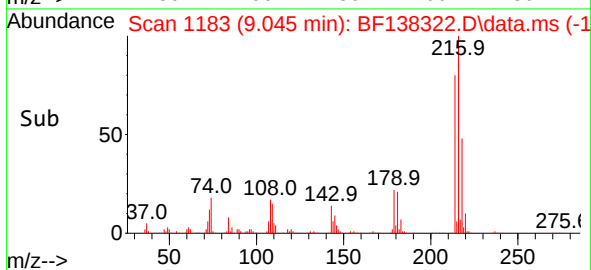
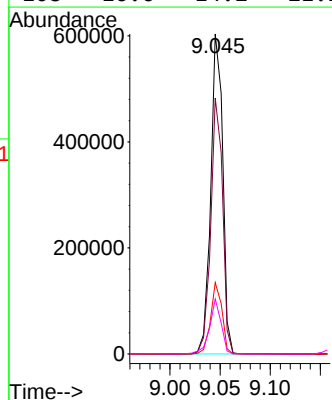
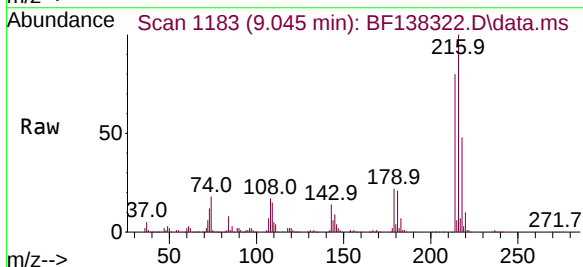
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

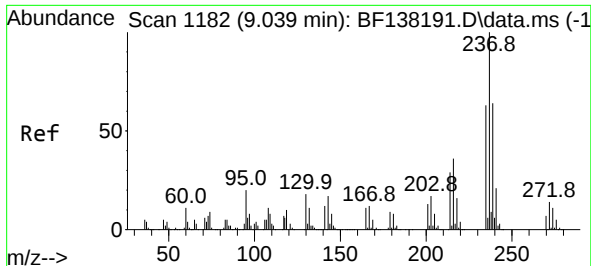
Tgt Ion:164 Resp: 339112
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.6 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.762 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:216 Resp: 503024
Ion Ratio Lower Upper
216 100
214 78.8 63.7 95.5
179 21.1 16.9 25.3
108 16.6 14.2 21.2

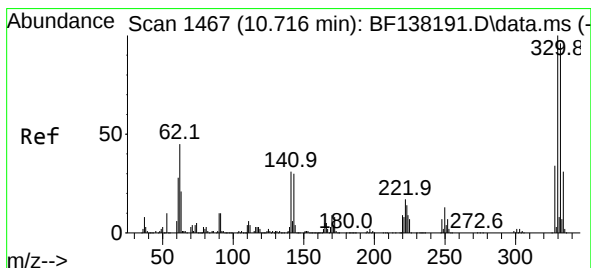
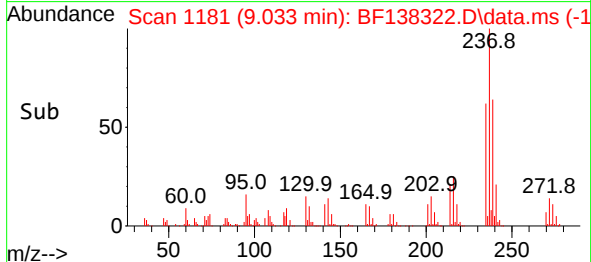
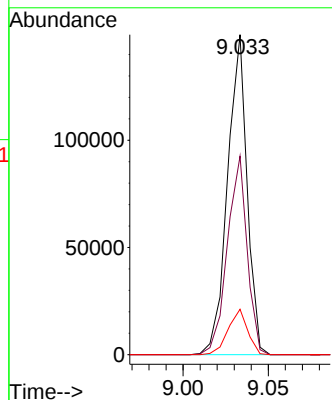
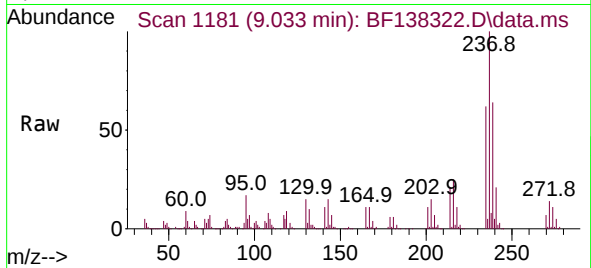




#41
Hexachlorocyclopentadiene
Concen: 36.908 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

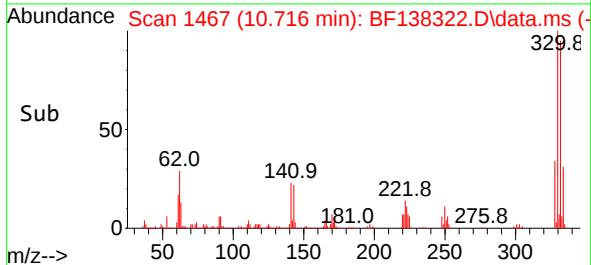
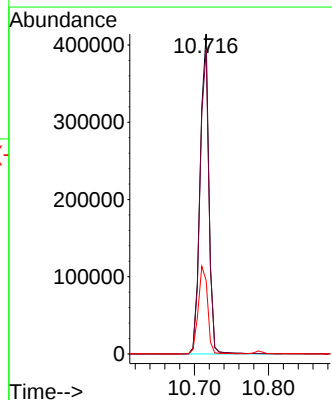
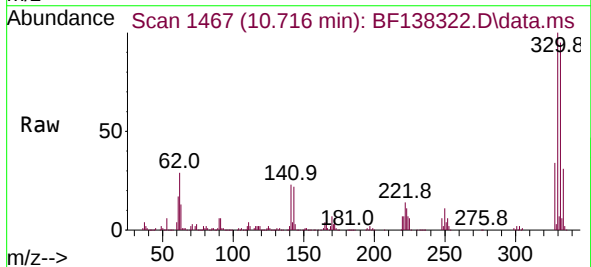
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

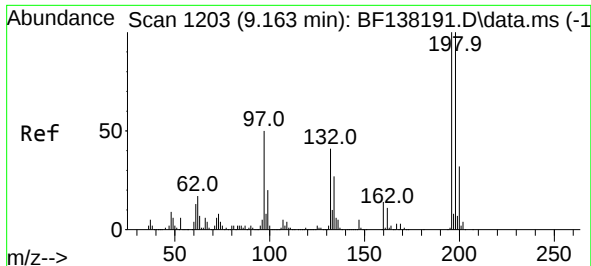
Tgt Ion:237 Resp: 119257
Ion Ratio Lower Upper
237 100
235 62.1 43.3 83.3
272 14.2 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 101.018 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:330 Resp: 341029
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 29.2 23.9 35.9

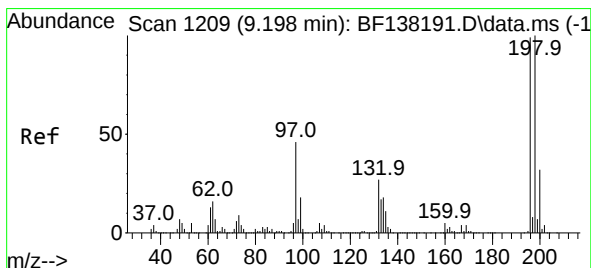
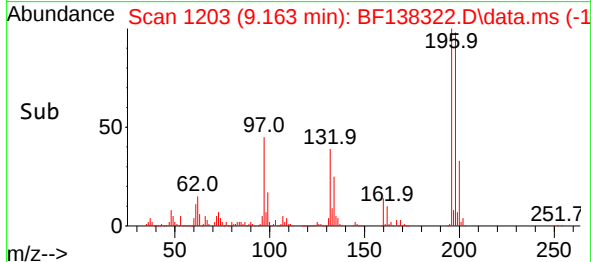
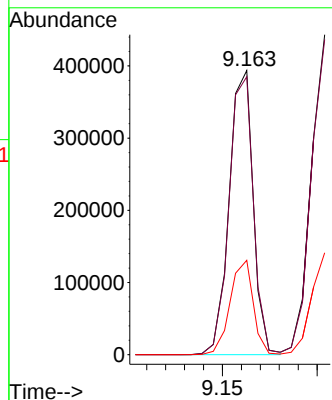
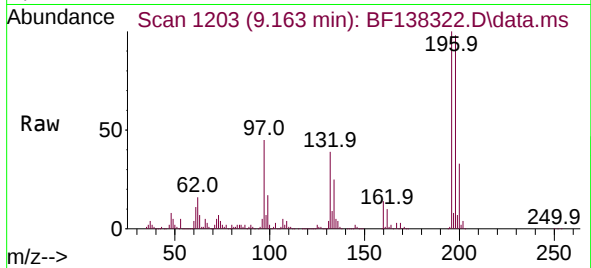




#43
2,4,6-Trichlorophenol
Concen: 55.851 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

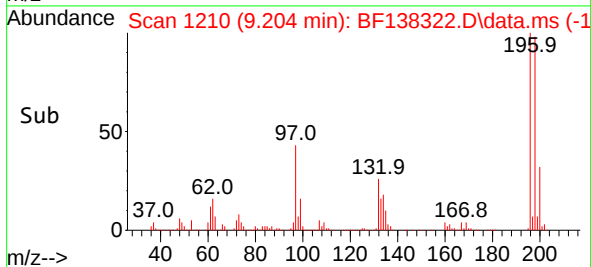
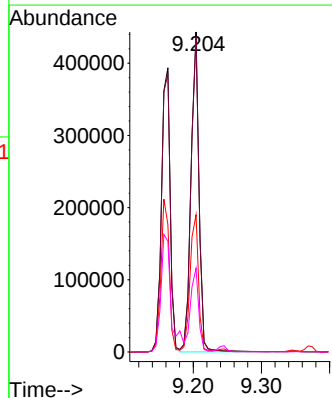
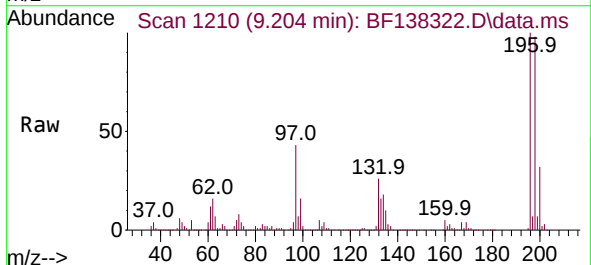
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

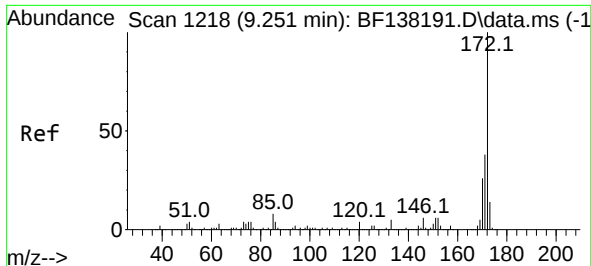
Tgt Ion:196 Resp: 346545
Ion Ratio Lower Upper
196 100
198 97.8 79.8 119.6
200 33.2 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 52.714 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:196 Resp: 359189
Ion Ratio Lower Upper
196 100
198 98.5 80.4 120.6
97 42.9 37.4 56.2
132 26.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.251 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

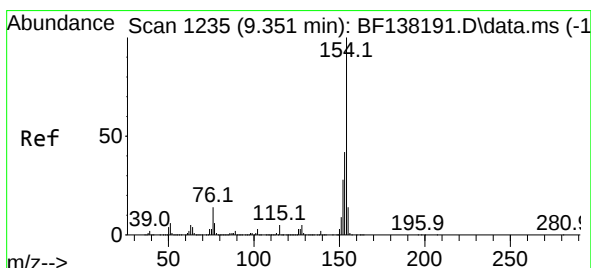
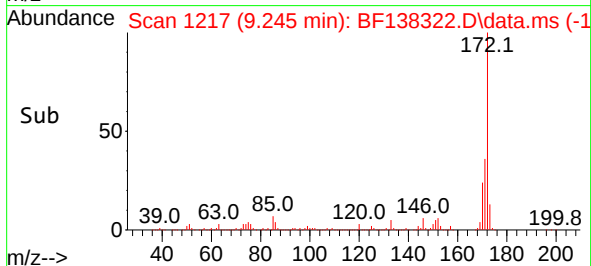
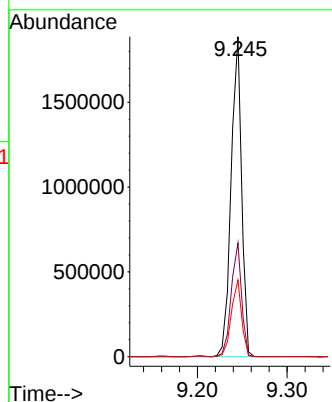
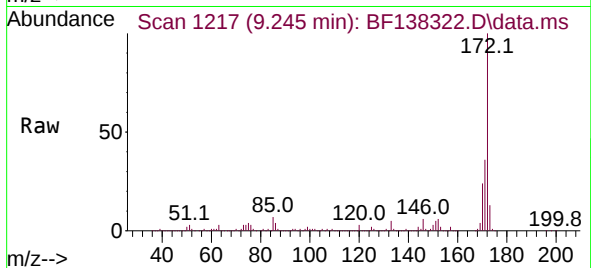
Tgt Ion:172 Resp: 1540814

Ion Ratio Lower Upper

172 100

171 35.5 30.3 45.5

170 23.9 20.6 30.8



#46

1,1'-Biphenyl

Concen: 51.020 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

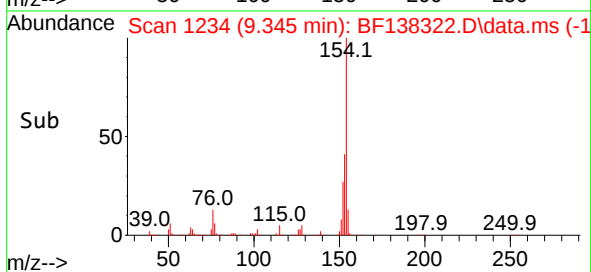
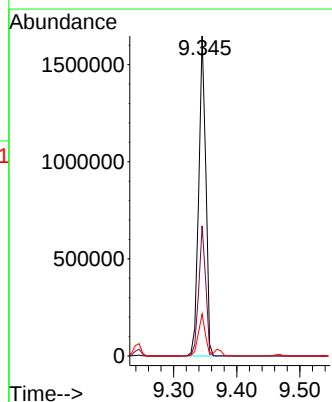
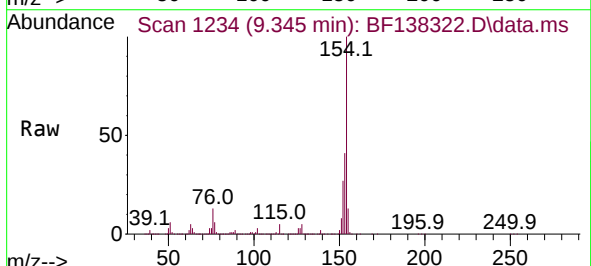
Tgt Ion:154 Resp: 1269564

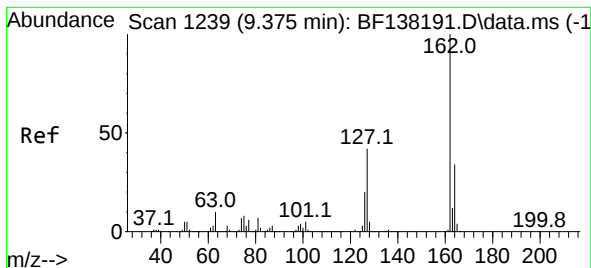
Ion Ratio Lower Upper

154 100

153 40.7 22.1 62.1

76 13.2 0.0 34.3





#47

2-Chloronaphthalene

Concen: 49.001 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

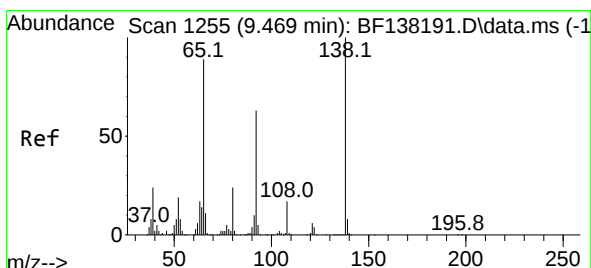
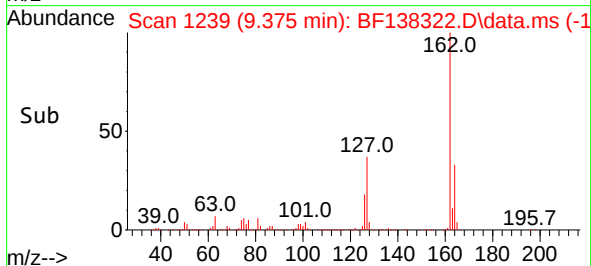
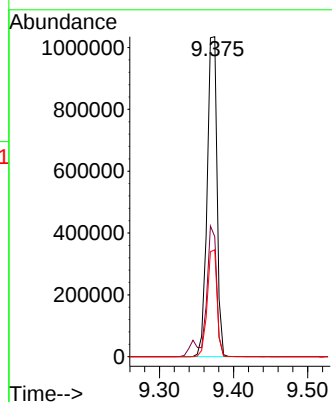
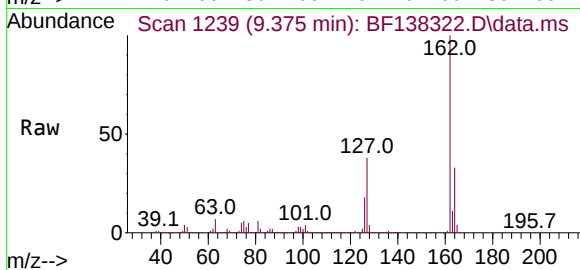
Tgt Ion:162 Resp: 963640

Ion Ratio Lower Upper

162 100

127 37.5 33.6 50.4

164 33.4 27.2 40.8



#48

2-Nitroaniline

Concen: 56.451 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

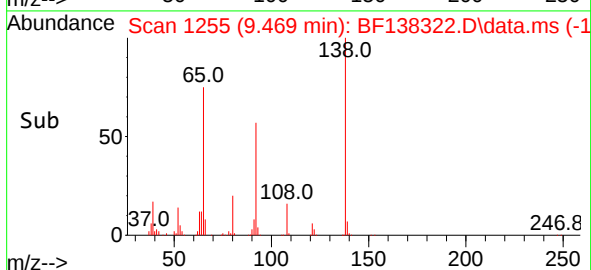
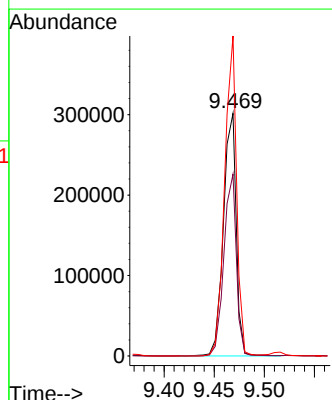
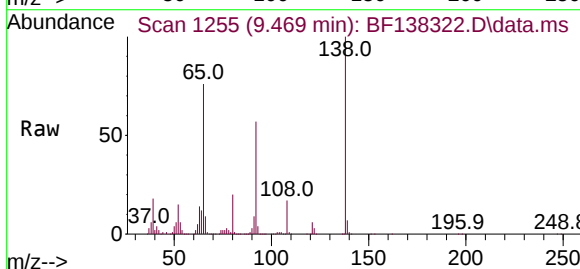
Tgt Ion: 65 Resp: 267352

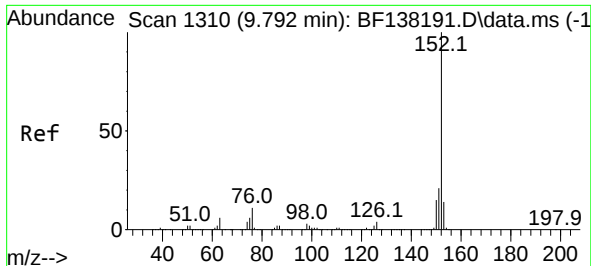
Ion Ratio Lower Upper

65 100

92 74.9 56.6 85.0

138 131.9 90.1 135.1

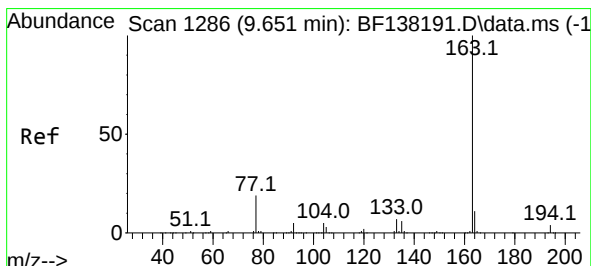
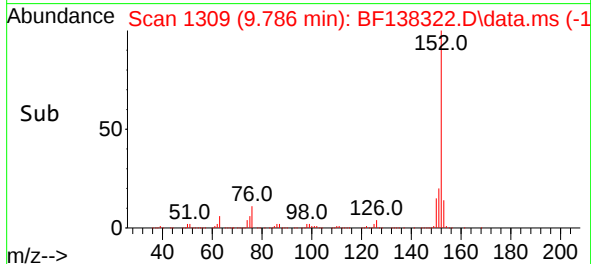
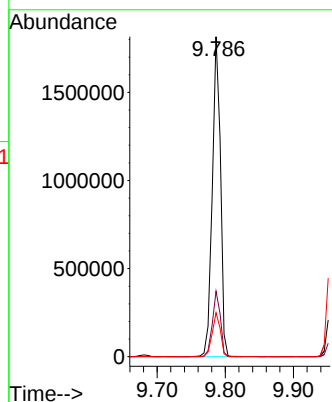
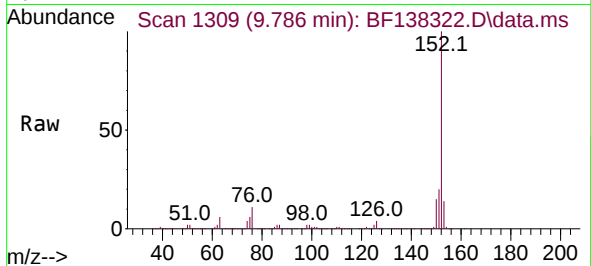




#49
Acenaphthylene
Concen: 54.920 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

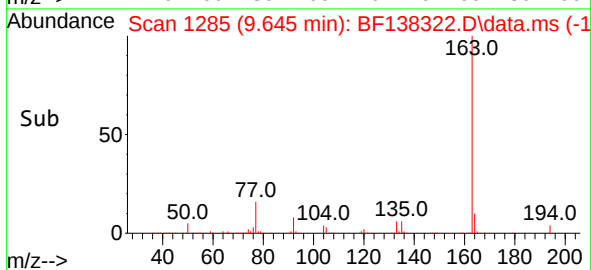
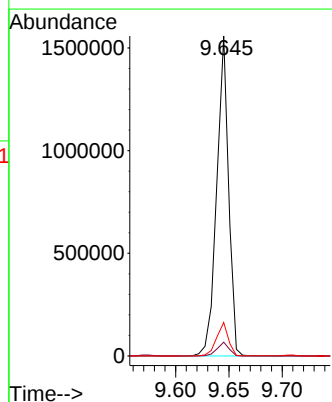
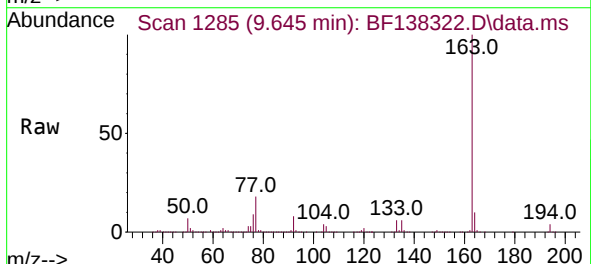
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

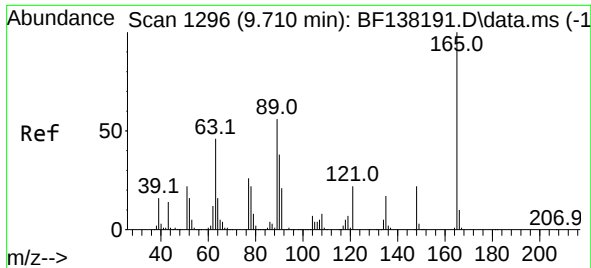
Tgt Ion:152 Resp: 1514471
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.8 11.4 17.0



#50
Dimethylphthalate
Concen: 58.418 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:163 Resp: 1213781
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.5 12.7

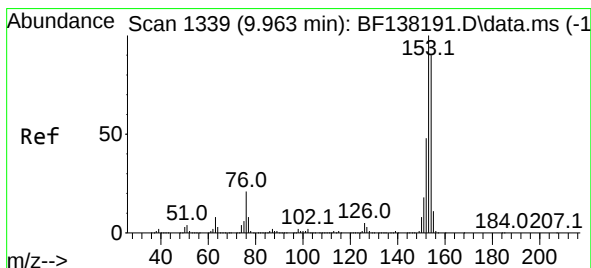
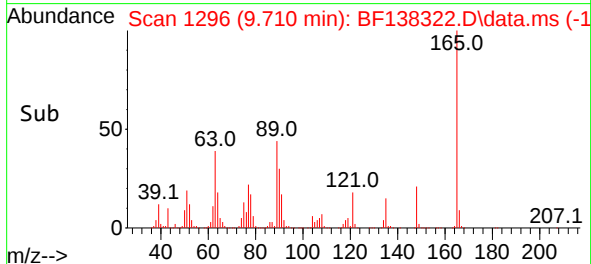
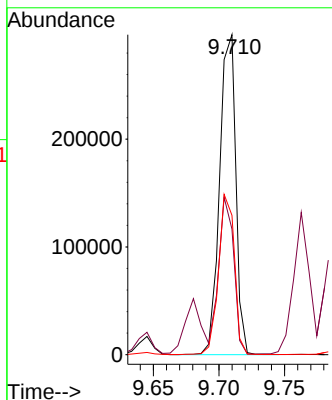
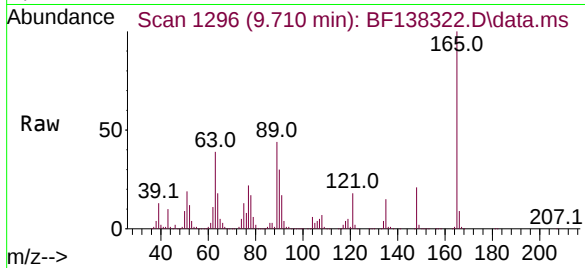




#51
2,6-Dinitrotoluene
Concen: 56.547 ng
RT: 9.710 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

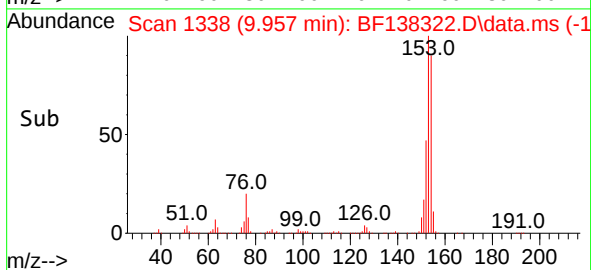
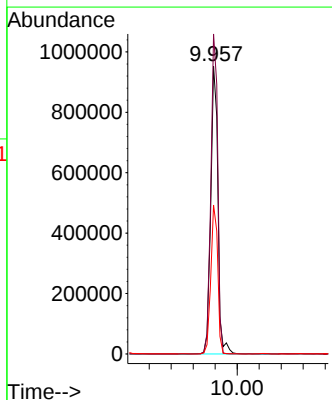
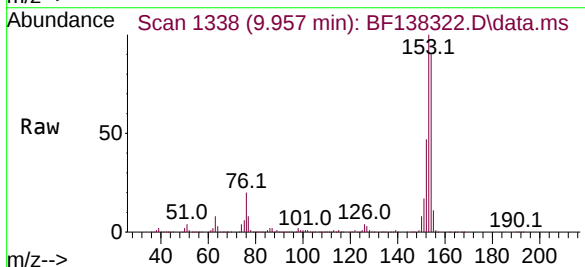
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

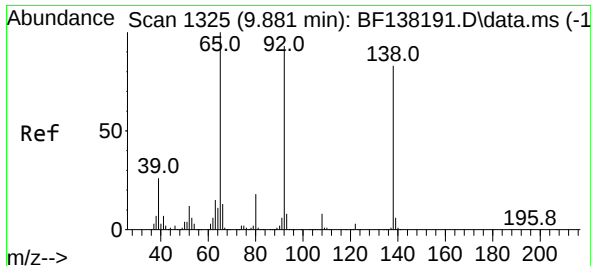
Tgt Ion:165 Resp: 254888
Ion Ratio Lower Upper
165 100
63 39.3 43.7 65.5#
89 43.6 44.9 67.3#



#52
Acenaphthene
Concen: 45.406 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:154 Resp: 853828
Ion Ratio Lower Upper
154 100
153 111.3 89.1 133.7
152 51.8 42.4 63.6

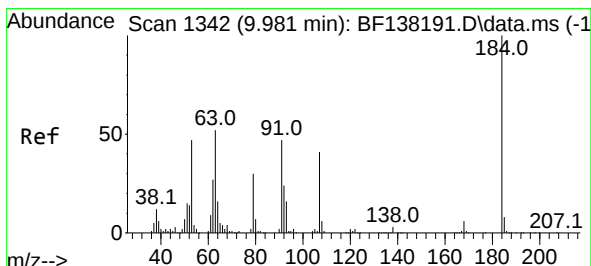
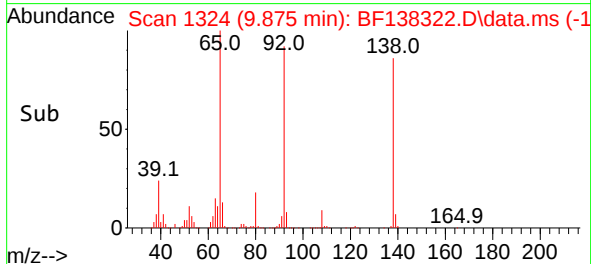
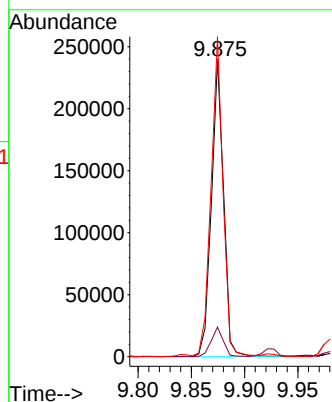
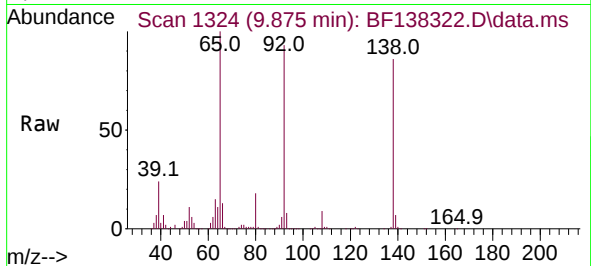




#53
3-Nitroaniline
Concen: 39.501 ng
RT: 9.875 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

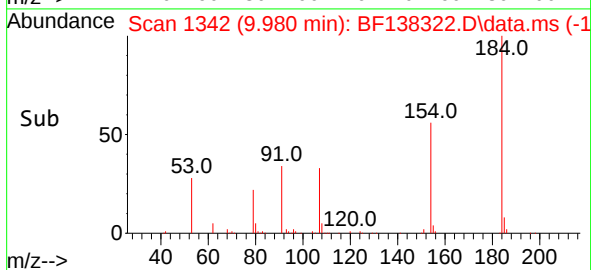
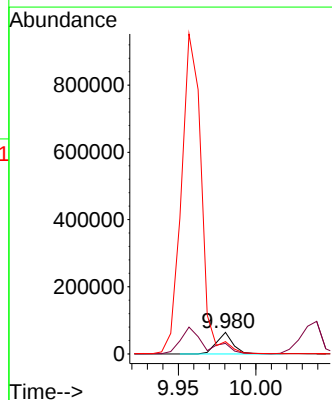
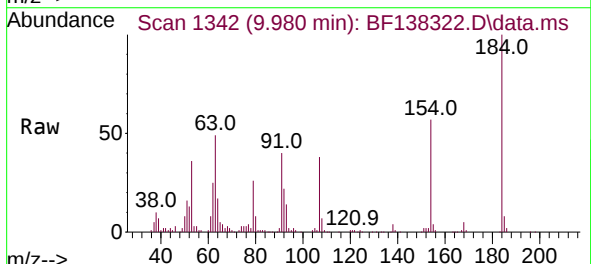
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

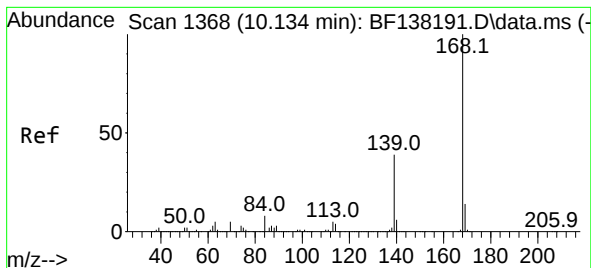
Tgt Ion:138 Resp: 190210
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 107.7 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 29.284 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:184 Resp: 47763
Ion Ratio Lower Upper
184 100
63 48.9 49.2 73.8#
154 56.9 46.7 70.1





#55

Dibenzenofuran

Concen: 50.083 ng

RT: 10.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

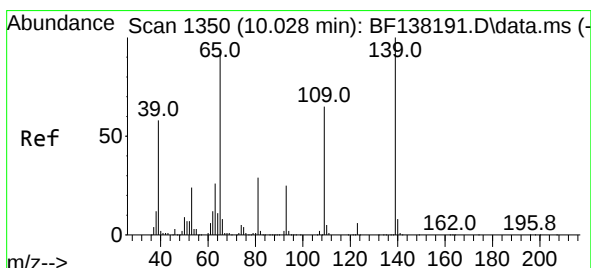
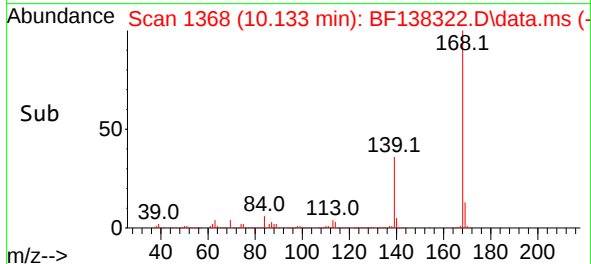
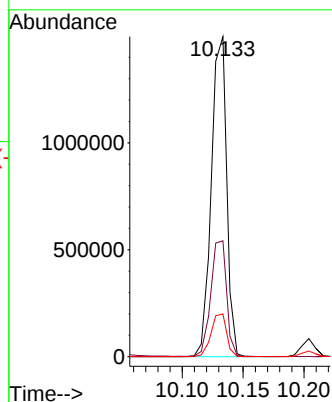
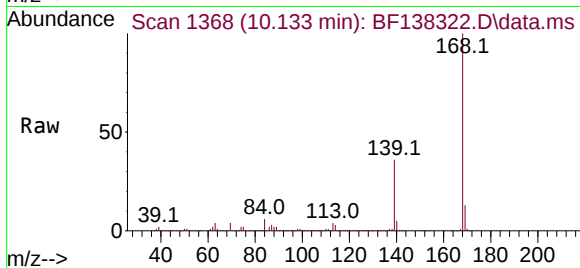
Tgt Ion:168 Resp: 1316534

Ion Ratio Lower Upper

168 100

139 36.2 31.0 46.4

169 13.3 11.4 17.0



#56

4-Nitrophenol

Concen: 99.429 ng

RT: 10.039 min Scan# 1352

Delta R.T. 0.012 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

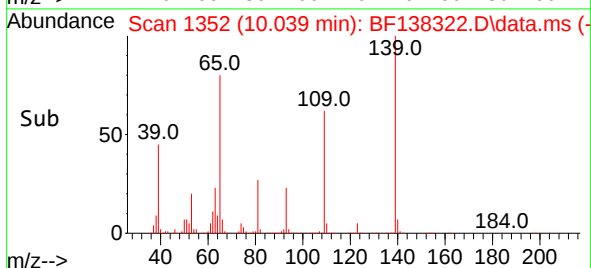
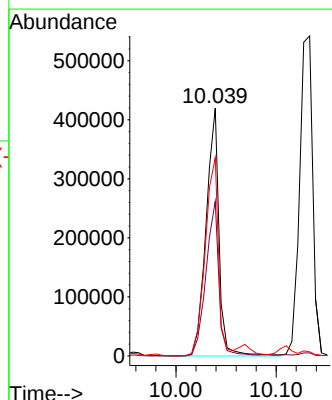
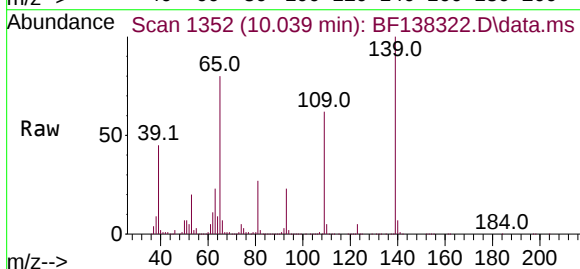
Tgt Ion:139 Resp: 378361

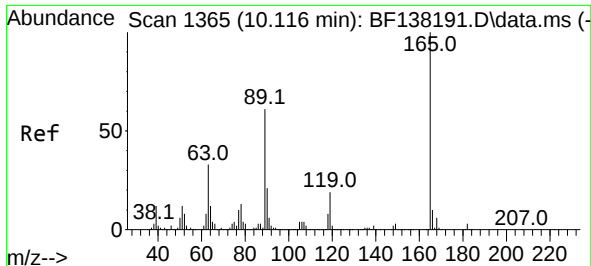
Ion Ratio Lower Upper

139 100

109 62.3 44.6 84.6

65 80.0 73.1 113.1

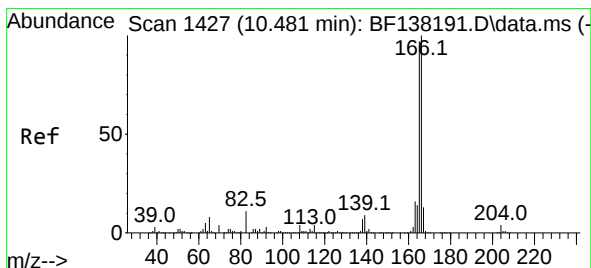
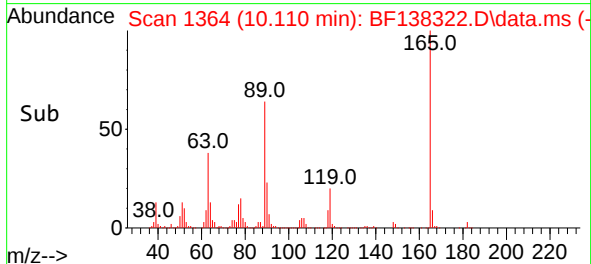
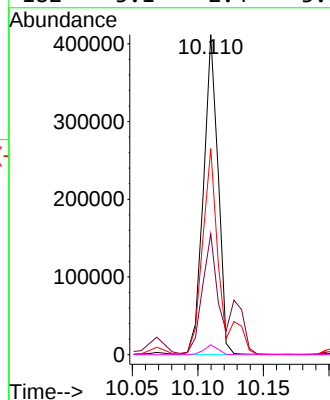
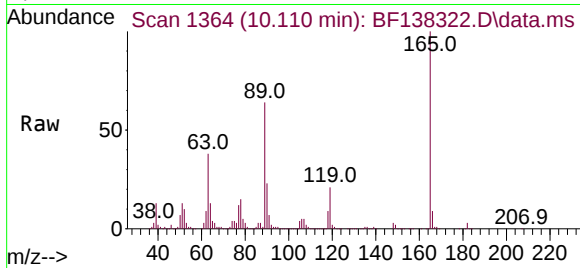




#57
2,4-Dinitrotoluene
Concen: 57.411 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

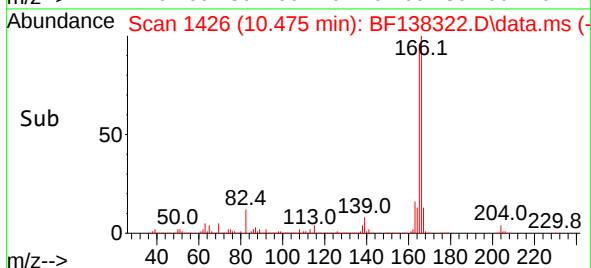
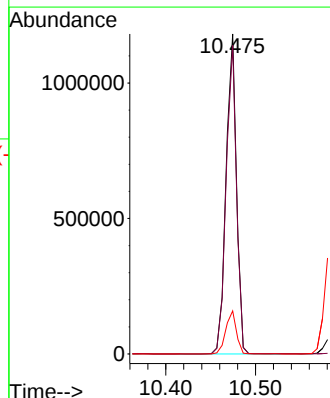
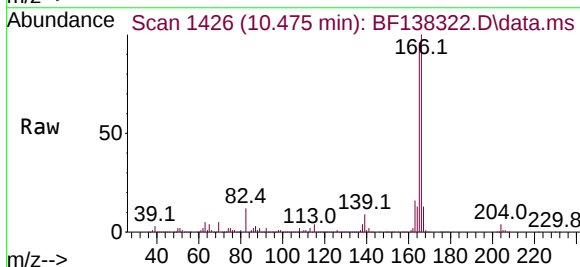
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

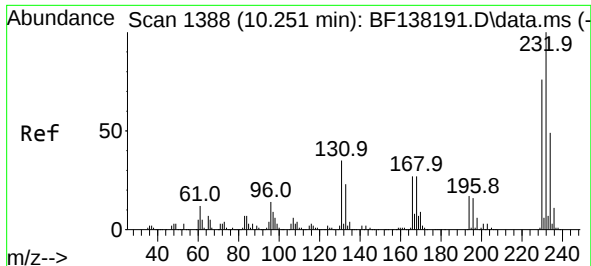
Tgt Ion:165 Resp: 319178
Ion Ratio Lower Upper
165 100
63 37.7 26.6 39.8
89 64.4 48.7 73.1
182 3.1 2.4 3.6



#58
Fluorene
Concen: 46.045 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:166 Resp: 951657
Ion Ratio Lower Upper
166 100
165 96.4 77.9 116.9
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.769 ng

RT: 10.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

Tgt Ion:232 Resp: 275684

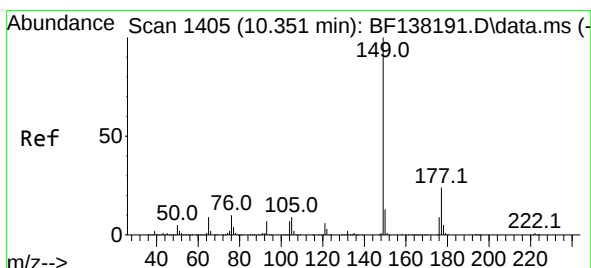
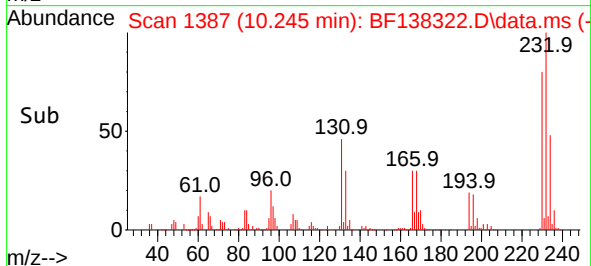
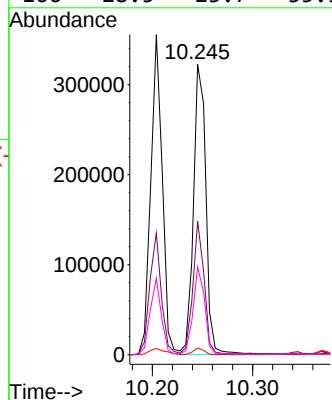
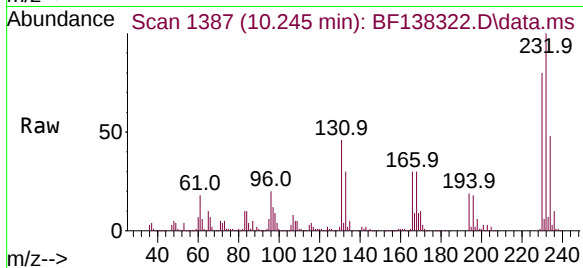
Ion Ratio Lower Upper

232 100

131 41.5 33.6 50.4

130 2.1 1.7 2.5

166 28.5 23.7 35.5



#60

Diethylphthalate

Concen: 55.182 ng

RT: 10.345 min Scan# 1404

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

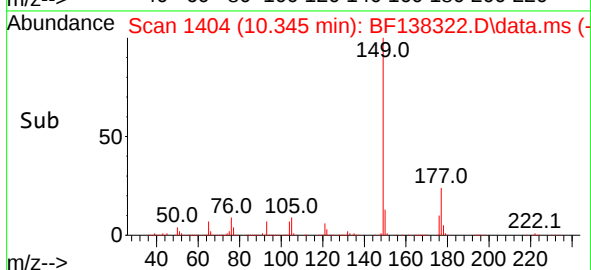
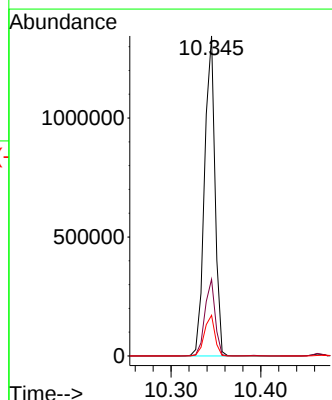
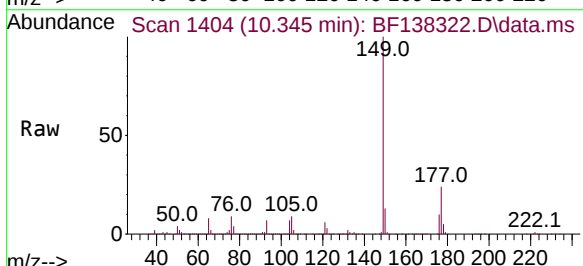
Tgt Ion:149 Resp: 1088186

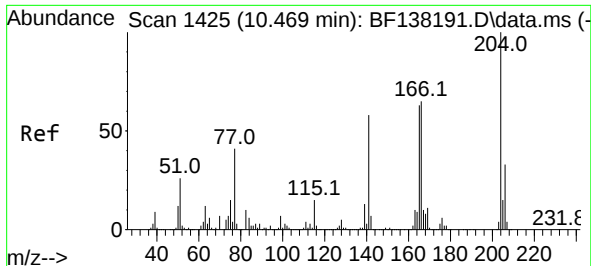
Ion Ratio Lower Upper

149 100

177 23.9 19.4 29.0

150 12.7 10.2 15.4

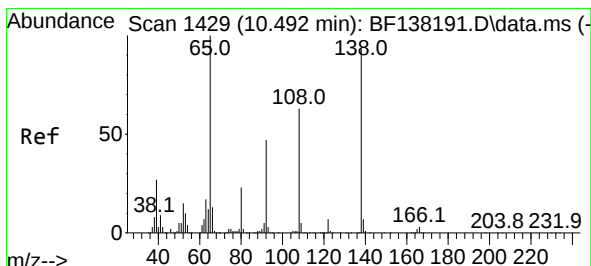
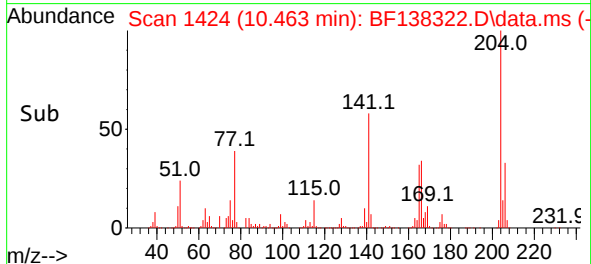
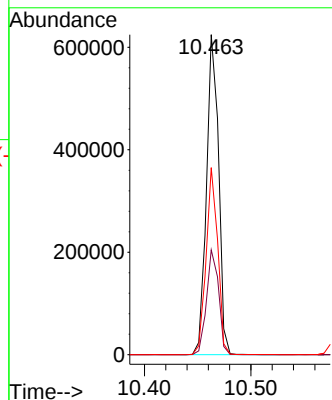
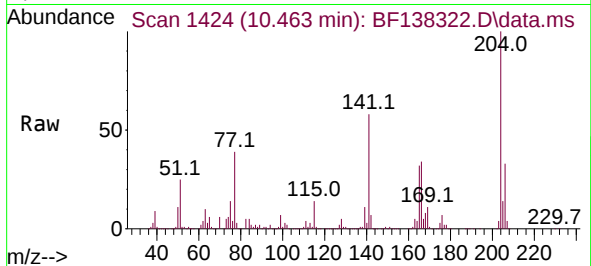




#61
4-Chlorophenyl-phenylether
Concen: 47.951 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

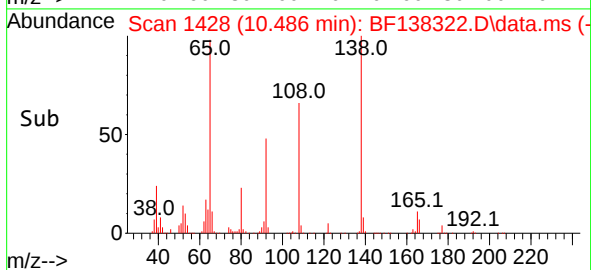
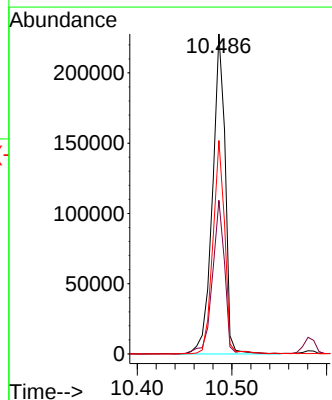
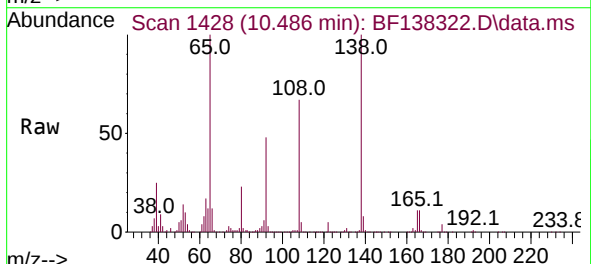
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

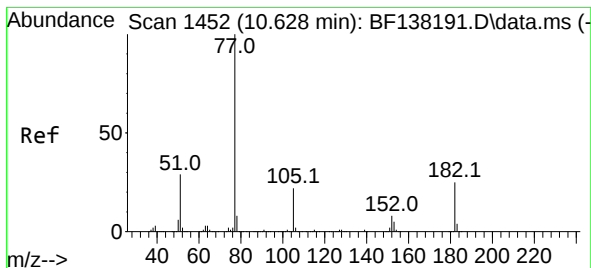
Tgt Ion:204 Resp: 493583
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 58.5 46.3 69.5



#62
4-Nitroaniline
Concen: 44.175 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:138 Resp: 212534
Ion Ratio Lower Upper
138 100
92 48.0 30.9 70.9
108 66.7 47.8 87.8





#63

Azobenzene

Concen: 49.131 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.001 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

Tgt Ion: 77 Resp: 970642

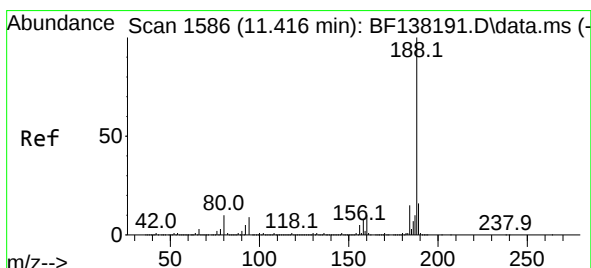
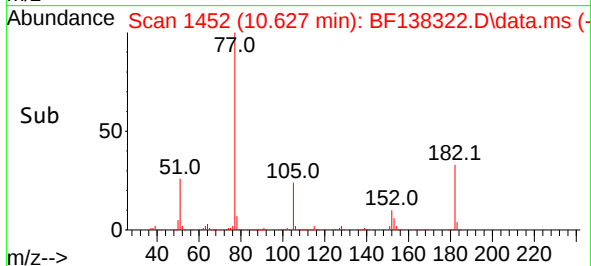
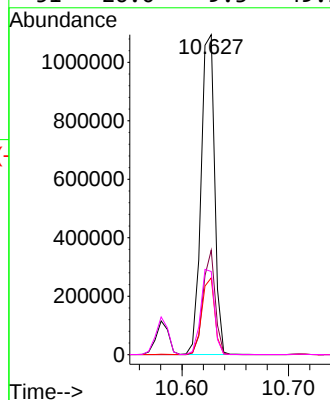
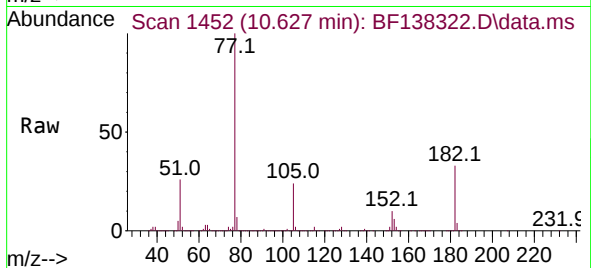
Ion Ratio Lower Upper

77 100

182 32.7 5.5 45.5

105 24.0 1.8 41.8

51 26.0 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

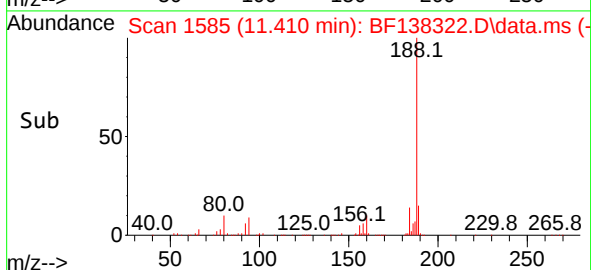
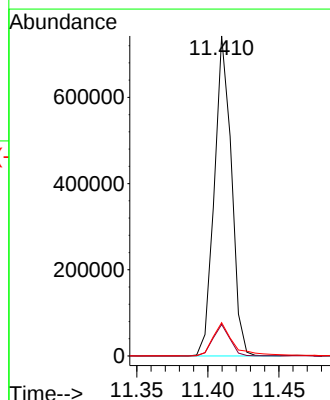
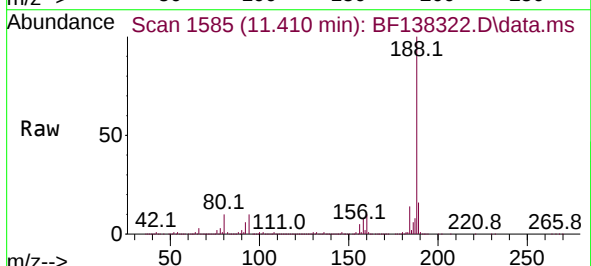
Tgt Ion: 188 Resp: 620496

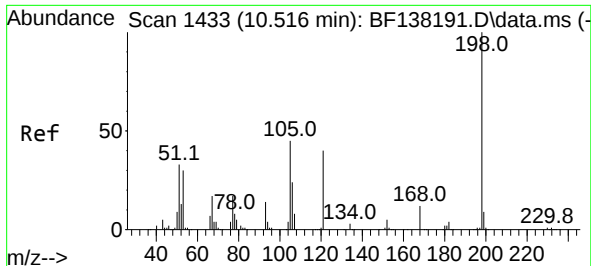
Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.4 8.1 12.1

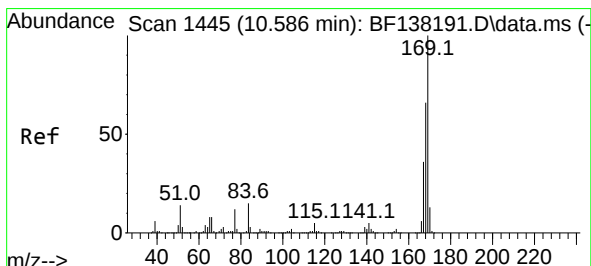
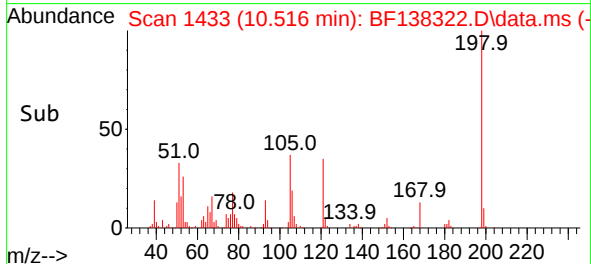
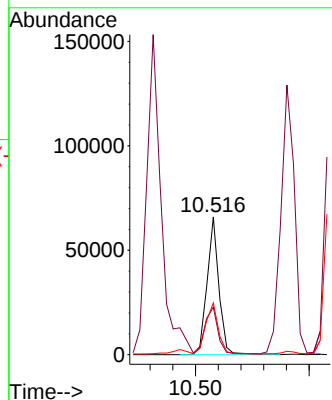
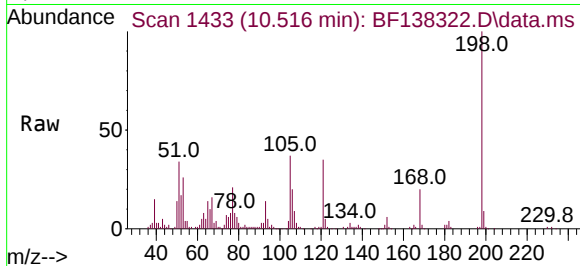




#65
4,6-Dinitro-2-methylphenol
Concen: 19.814 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

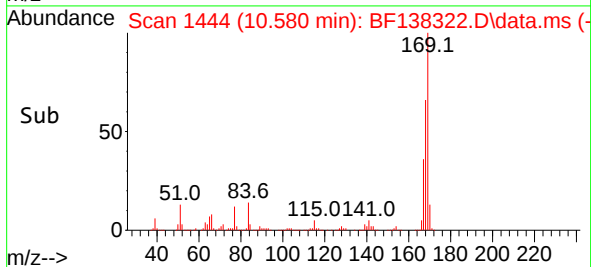
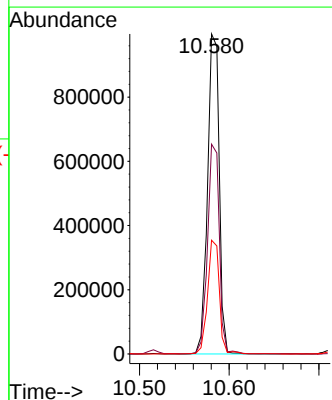
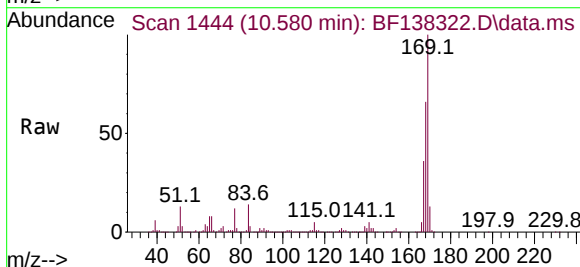
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

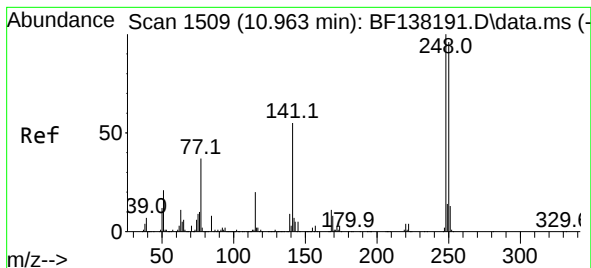
Tgt Ion:198 Resp: 47600
Ion Ratio Lower Upper
198 100
51 34.5 26.9 66.9
105 37.5 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 47.389 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:169 Resp: 900238
Ion Ratio Lower Upper
169 100
168 65.6 52.9 79.3
167 35.6 29.0 43.6

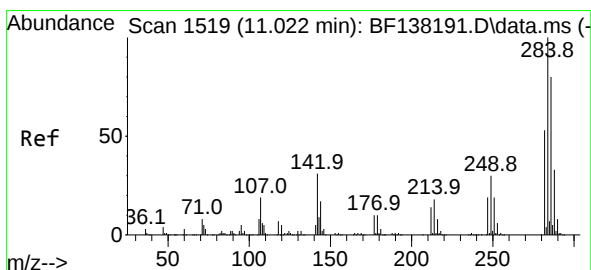
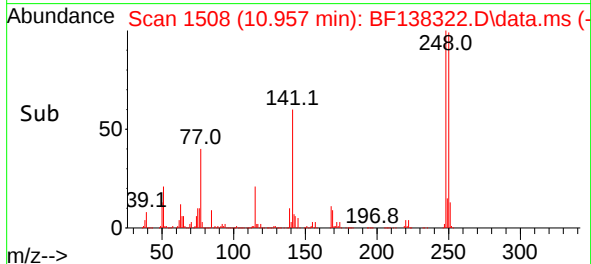
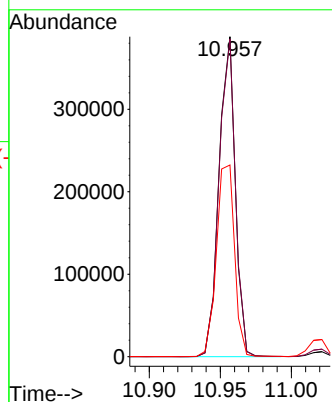
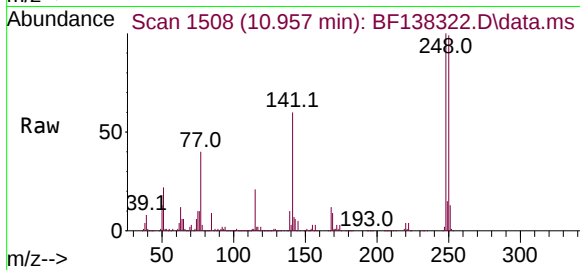




#67
4-Bromophenyl-phenylether
Concen: 44.201 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

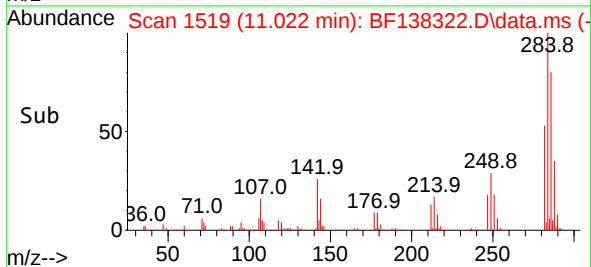
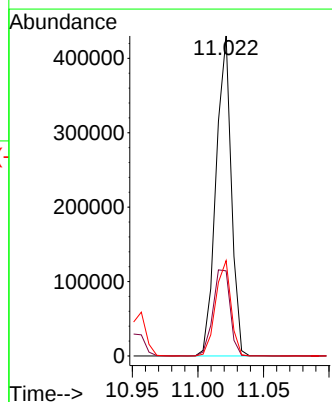
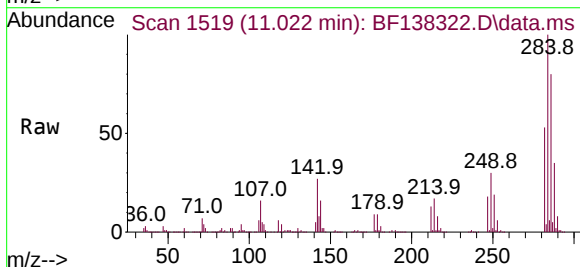
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

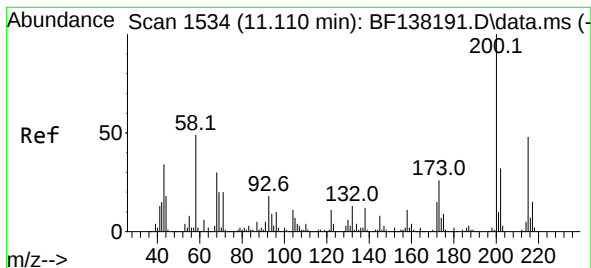
Tgt Ion:248 Resp: 309046
Ion Ratio Lower Upper
248 100
250 99.3 77.2 115.8
141 59.9 44.1 66.1



#68
Hexachlorobenzene
Concen: 42.647 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:284 Resp: 347982
Ion Ratio Lower Upper
284 100
142 26.6 24.8 37.2
249 29.8 23.8 35.6





#69

Atrazine

Concen: 48.669 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

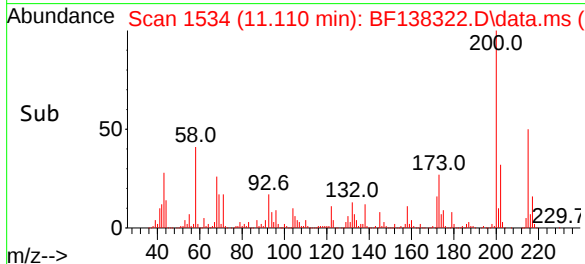
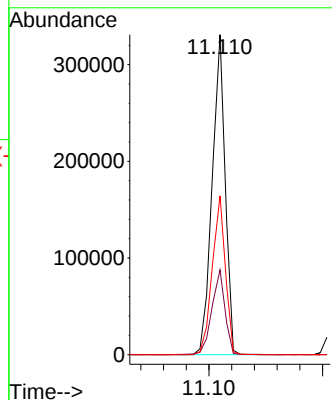
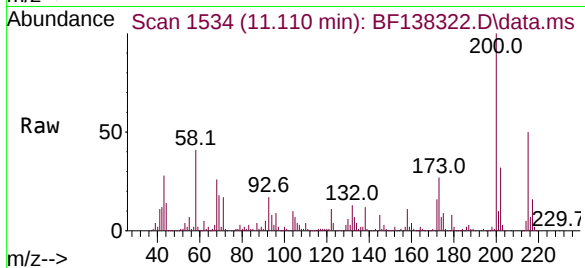
Tgt Ion:200 Resp: 263341

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

215 49.7 28.0 68.0



#70

Pentachlorophenol

Concen: 87.488 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

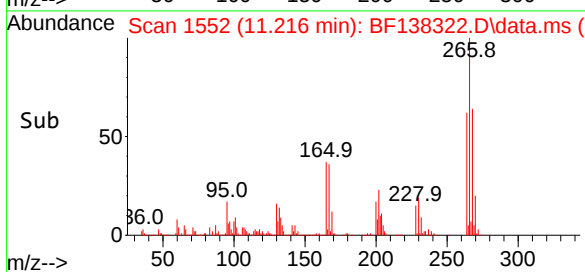
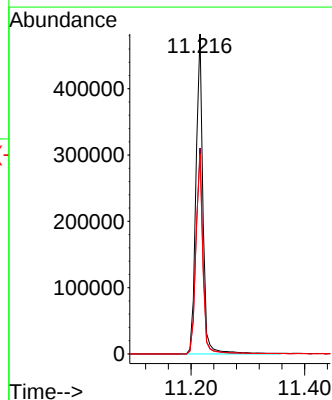
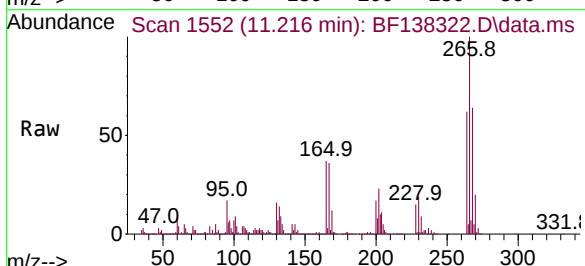
Tgt Ion:266 Resp: 416329

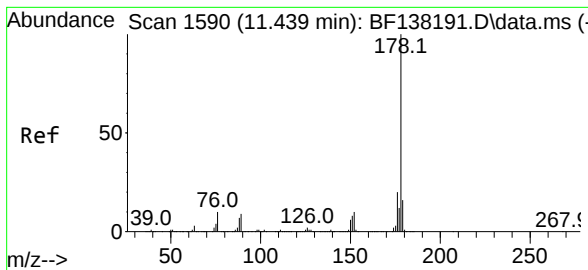
Ion Ratio Lower Upper

266 100

268 64.3 49.5 74.3

264 62.5 49.2 73.8

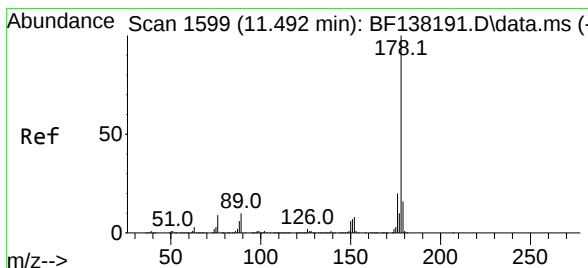
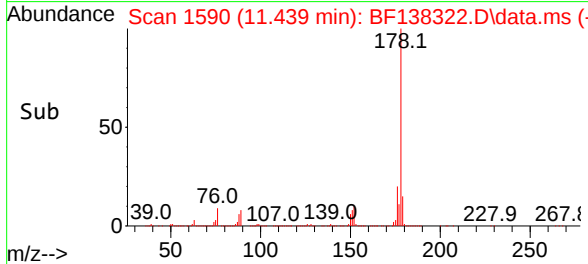
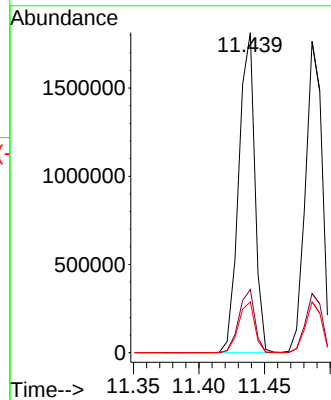
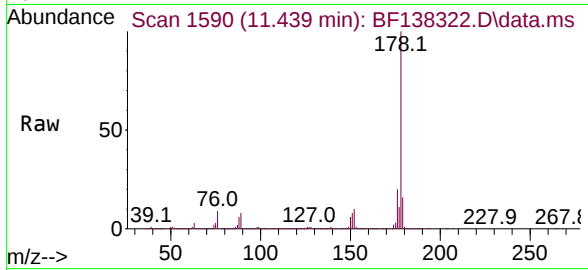




#71
Phenanthrene
Concen: 50.613 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

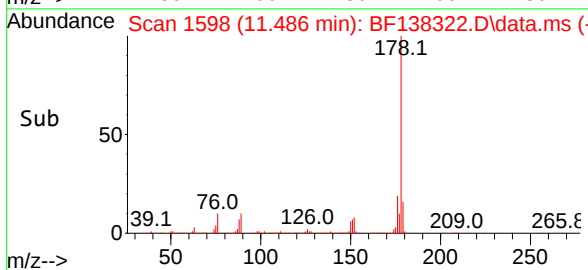
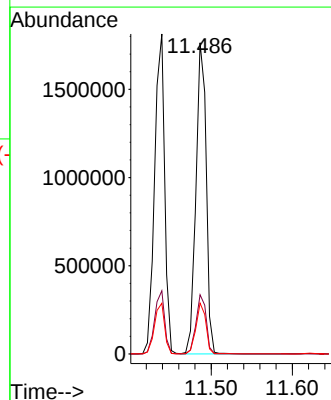
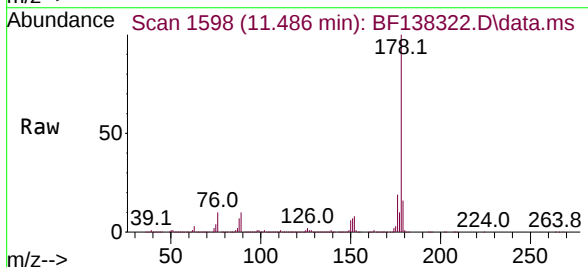
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

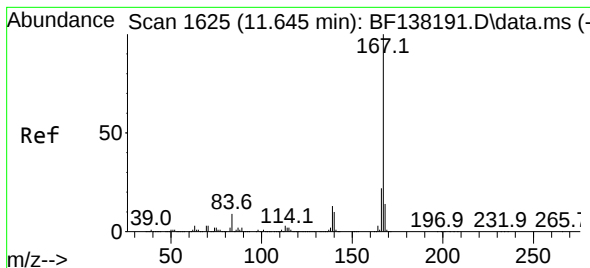
Tgt Ion:178 Resp: 1553086
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 15.9 13.1 19.7



#72
Anthracene
Concen: 51.220 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:178 Resp: 1560512
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.3 13.0 19.6





#73

Carbazole

Concen: 51.223 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

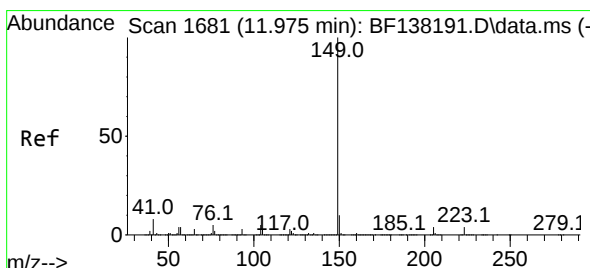
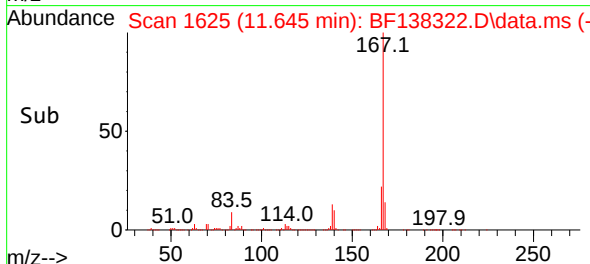
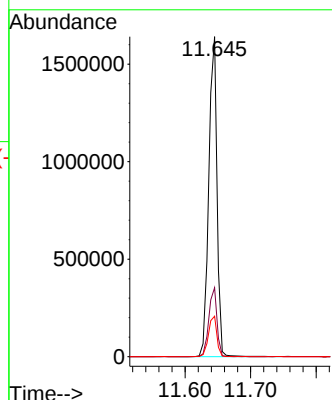
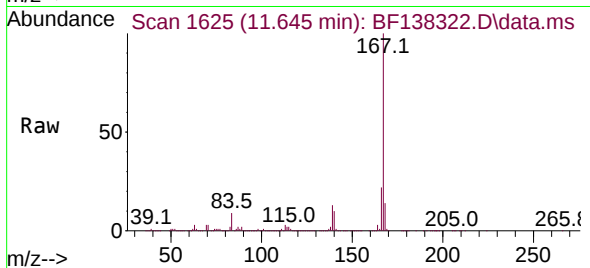
Tgt Ion:167 Resp: 1431354

Ion Ratio Lower Upper

167 100

166 21.5 18.0 27.0

139 12.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 56.859 ng

RT: 11.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

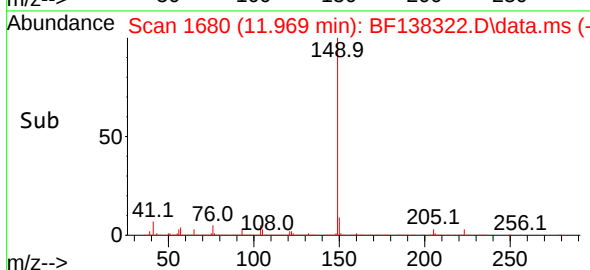
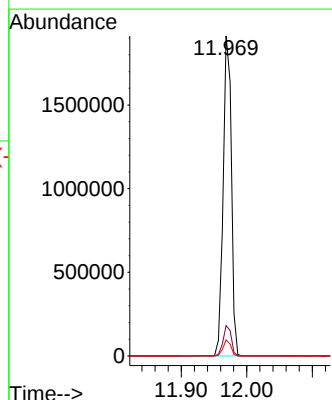
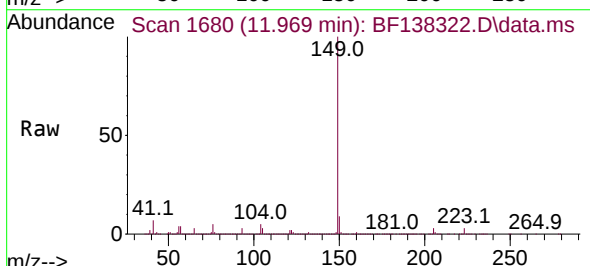
Tgt Ion:149 Resp: 1644839

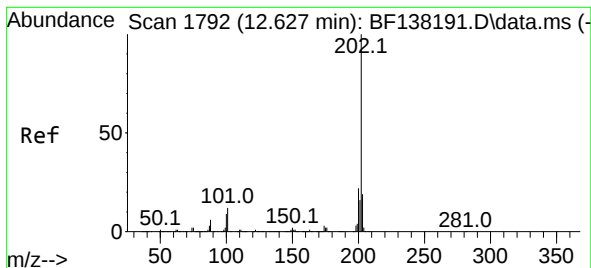
Ion Ratio Lower Upper

149 100

150 9.5 8.2 12.2

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 61.635 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

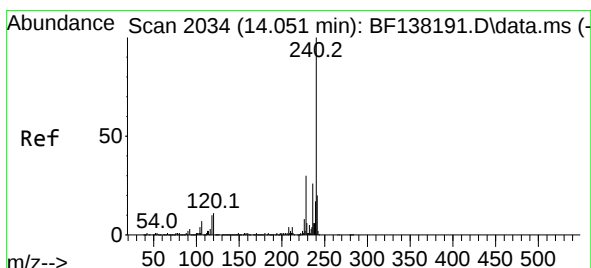
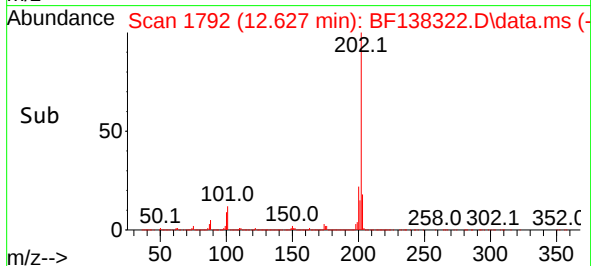
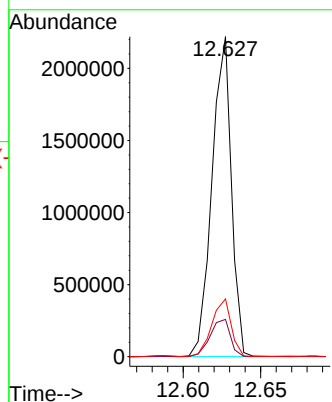
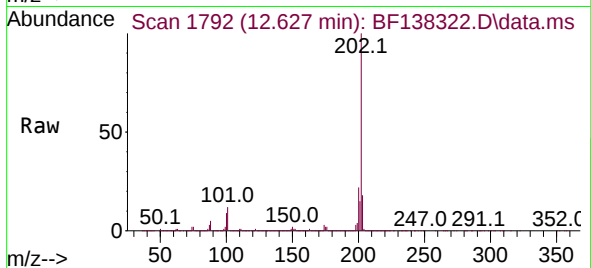
Tgt Ion:202 Resp: 1928623

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.8

203 18.0 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

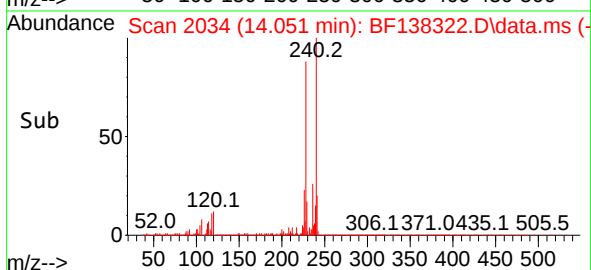
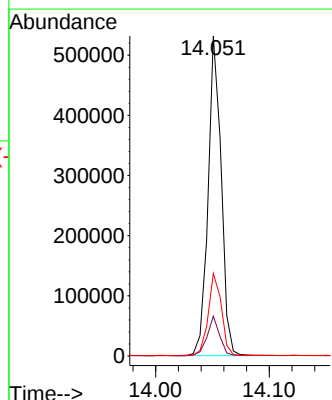
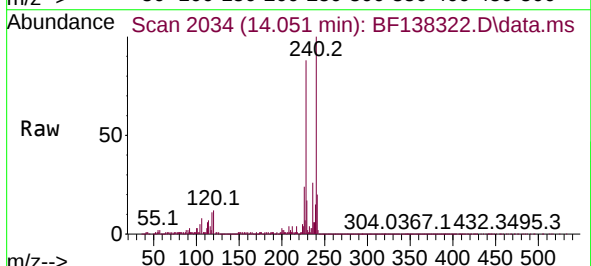
Tgt Ion:240 Resp: 424572

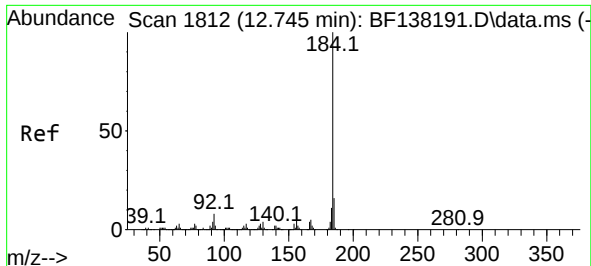
Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 25.8 21.0 31.6

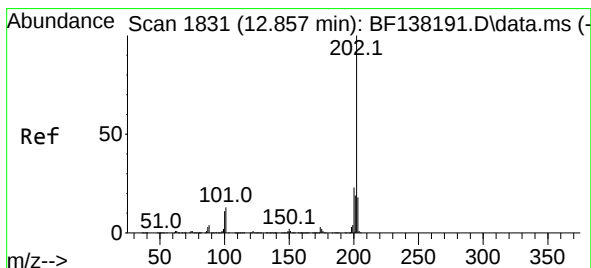
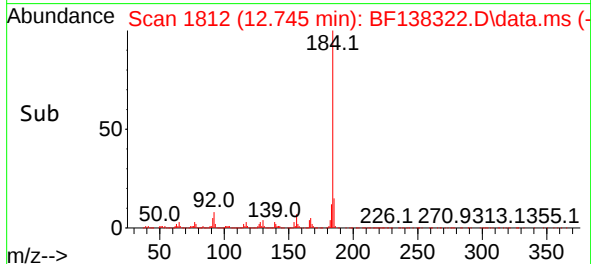
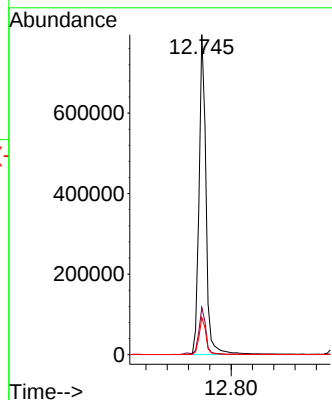
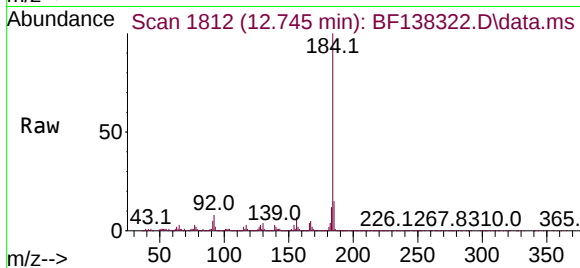




#77
Benzidine
Concen: 146.874 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

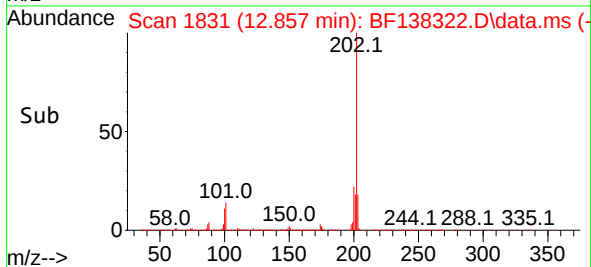
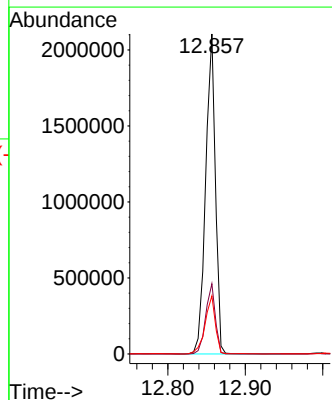
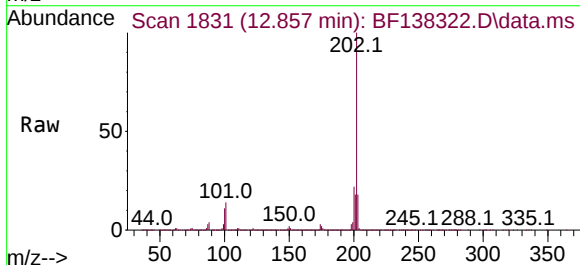
Instrument :
BNA_F
ClientSampleId :
VNJ-204MSD

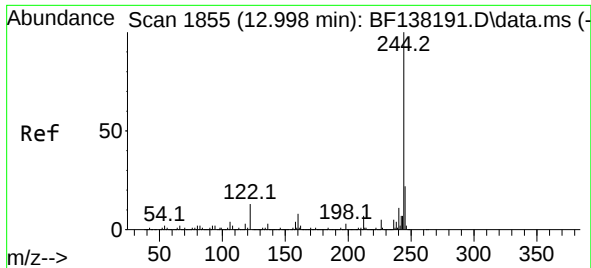
Tgt Ion:184 Resp: 721286
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 11.6 9.0 13.6



#78
Pyrene
Concen: 50.324 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF138322.D
Acq: 24 Jun 2024 21:10

Tgt Ion:202 Resp: 1842962
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 18.1 14.7 22.1

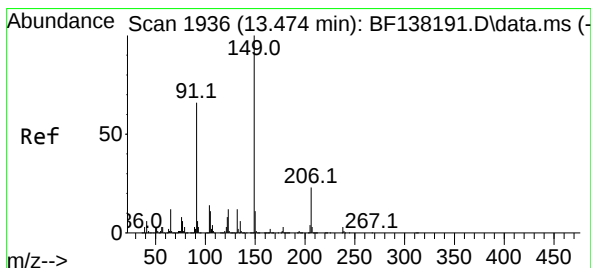
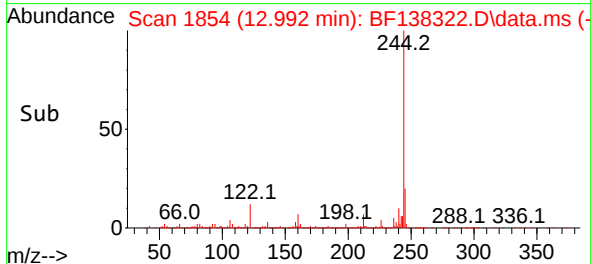
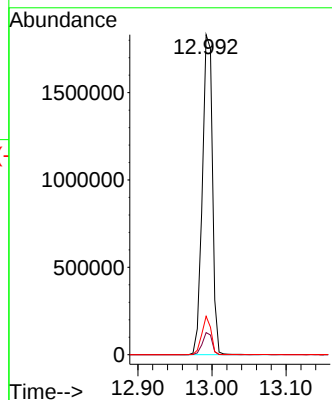
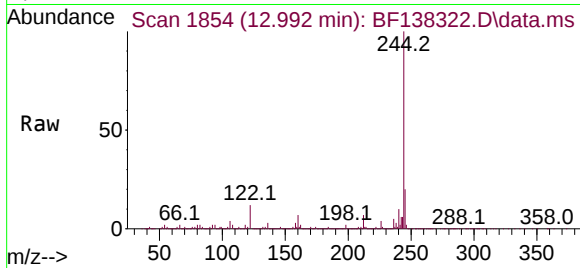




#79
 Terphenyl-d14
 Concen: 64.527 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138322.D
 Acq: 24 Jun 2024 21:10

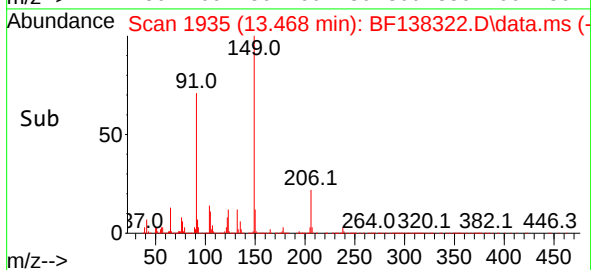
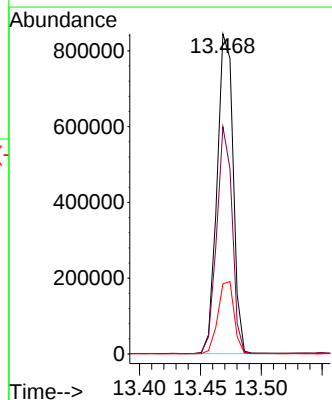
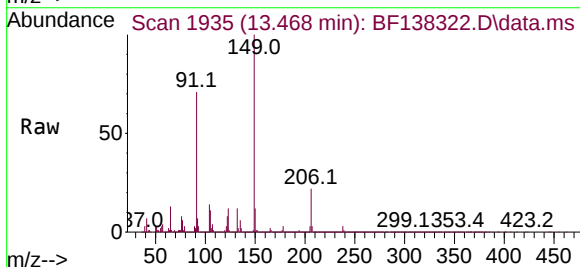
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204MSD

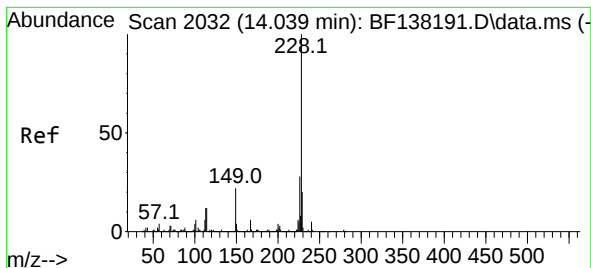
Tgt Ion:244 Resp: 1729750
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.0 10.6 15.8



#80
 Butylbenzylphthalate
 Concen: 78.175 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BF138322.D
 Acq: 24 Jun 2024 21:10

Tgt Ion:149 Resp: 778741
 Ion Ratio Lower Upper
 149 100
 91 71.0 53.2 79.8
 206 21.9 18.6 27.8





#81

Benzo(a)anthracene

Concen: 52.334 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

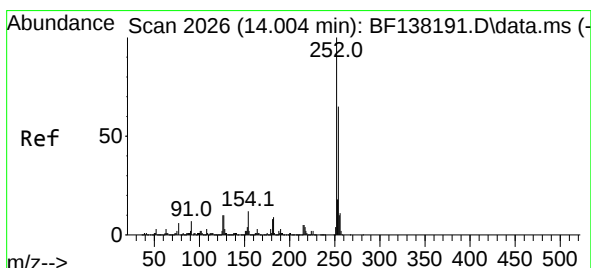
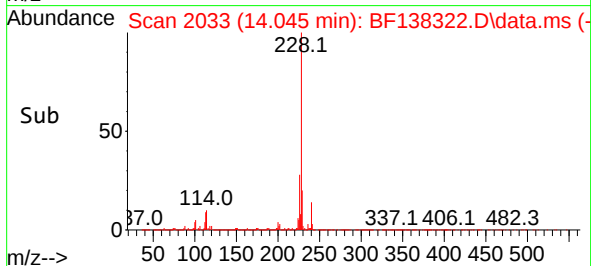
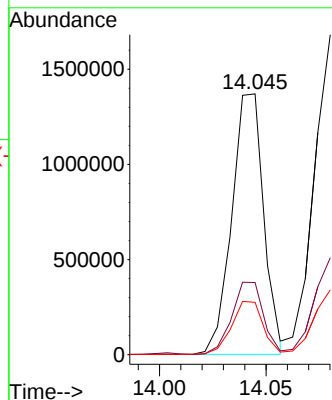
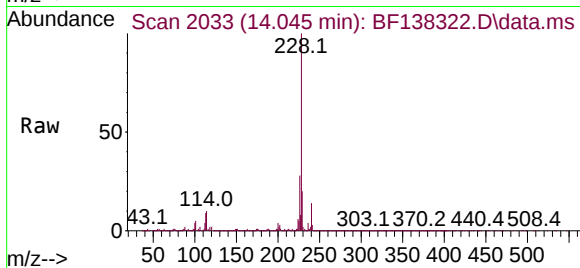
Tgt Ion:228 Resp: 1425508

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

229 20.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 55.574 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

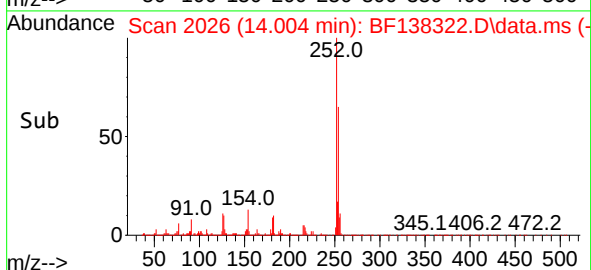
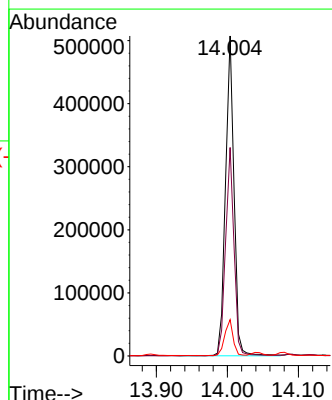
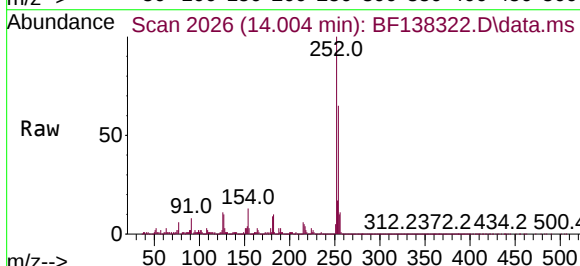
Tgt Ion:252 Resp: 416857

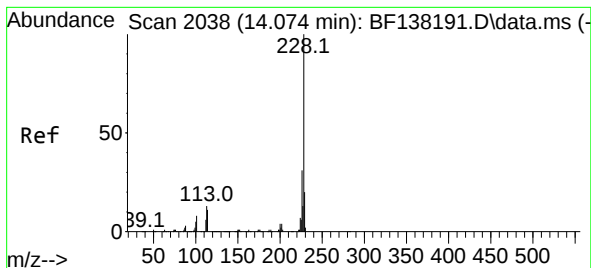
Ion Ratio Lower Upper

252 100

254 65.1 51.8 77.6

126 11.4 8.3 12.5





#83

Chrysene

Concen: 55.566 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

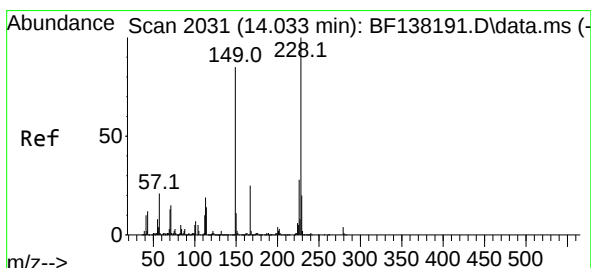
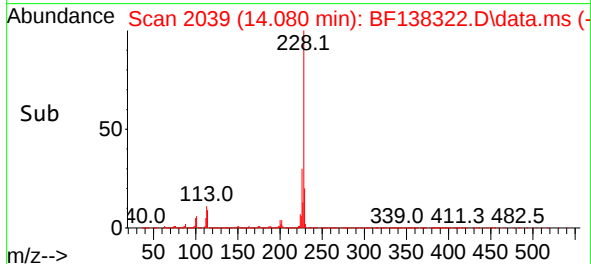
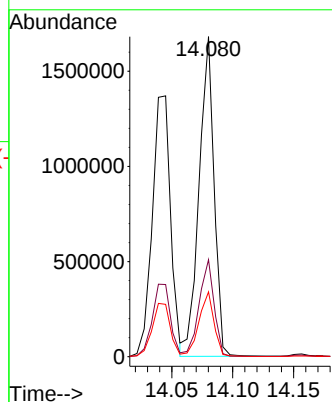
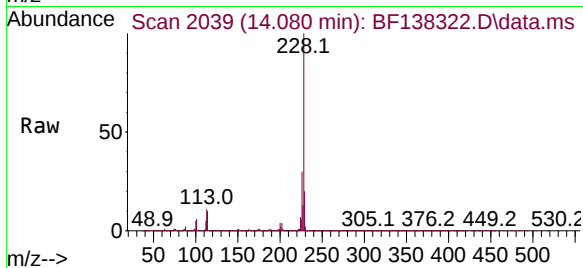
Tgt Ion:228 Resp: 1442657

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.953 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

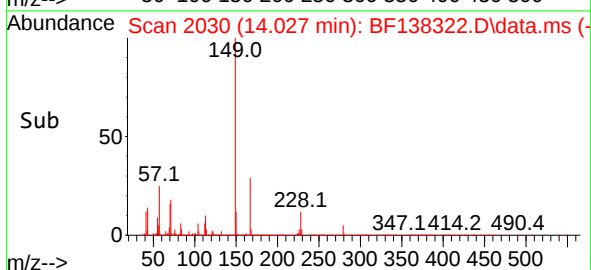
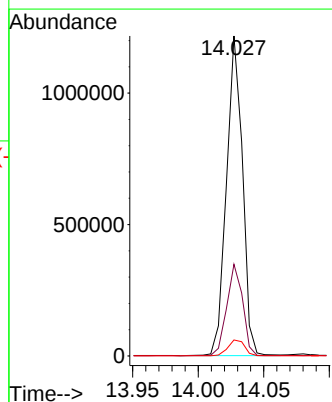
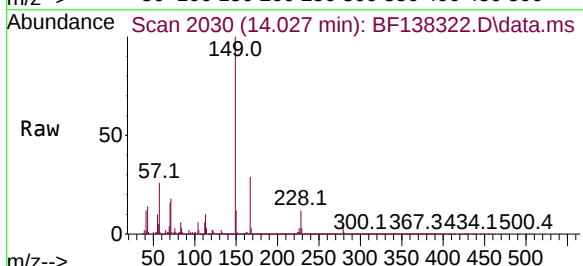
Tgt Ion:149 Resp: 1030593

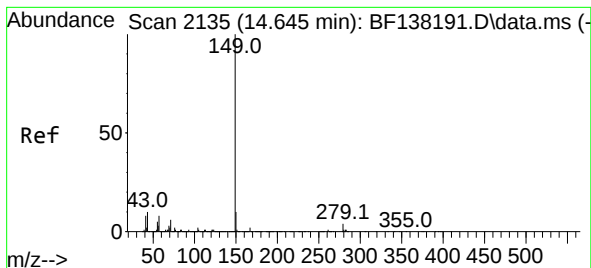
Ion Ratio Lower Upper

149 100

167 28.7 23.5 35.3

279 5.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 102.183 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

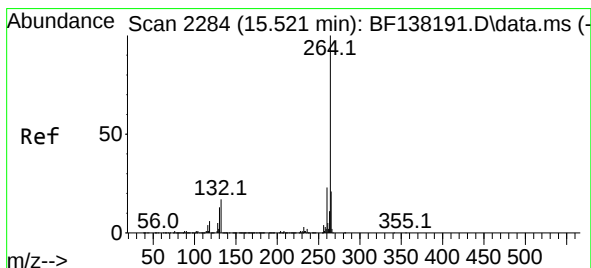
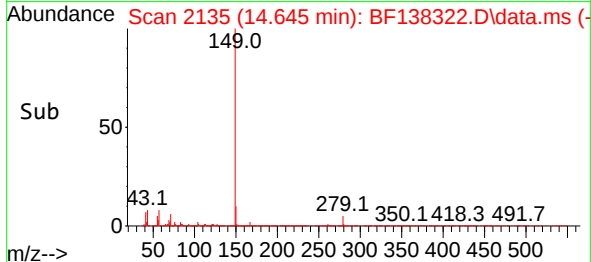
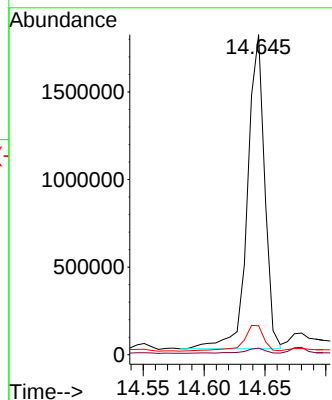
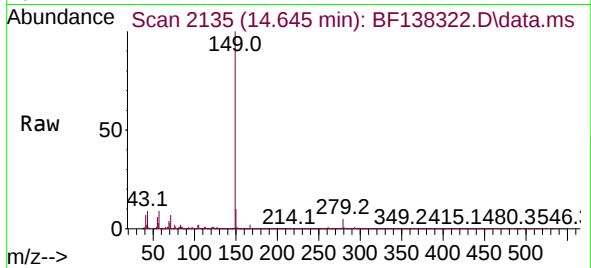
Tgt Ion:149 Resp: 1758756

Ion Ratio Lower Upper

149 100

167 2.4 1.3 1.9#

43 9.7 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

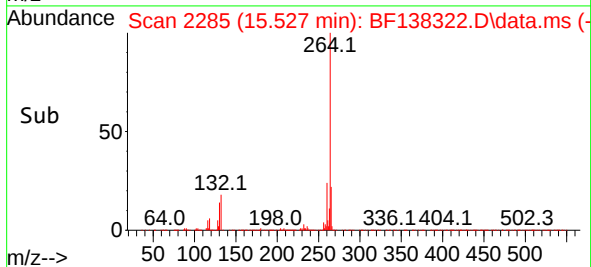
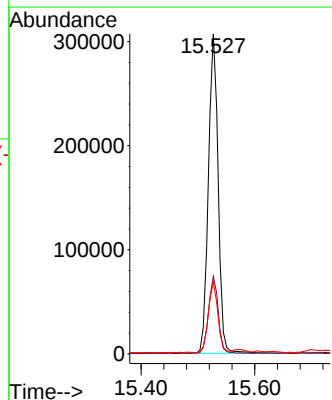
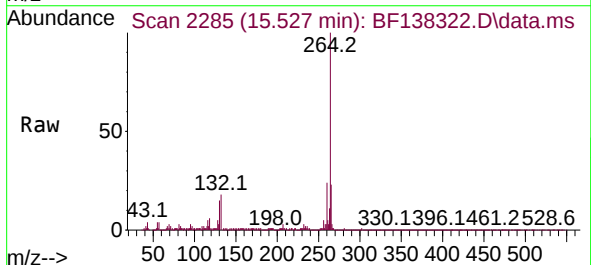
Tgt Ion:264 Resp: 362772

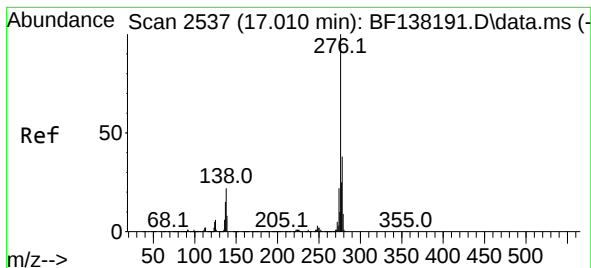
Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 22.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.122 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

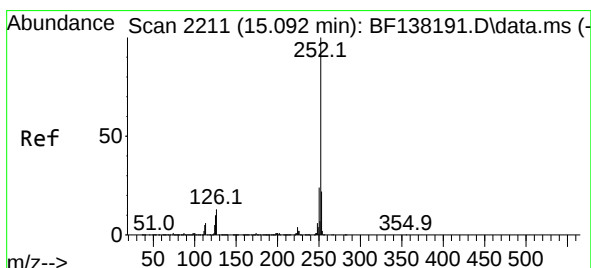
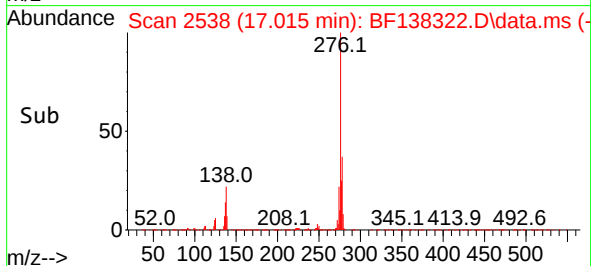
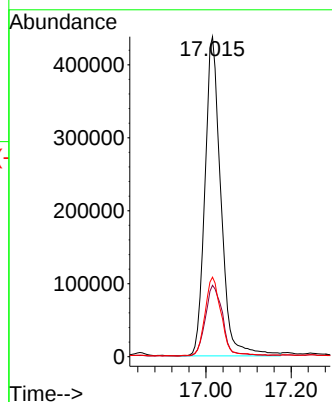
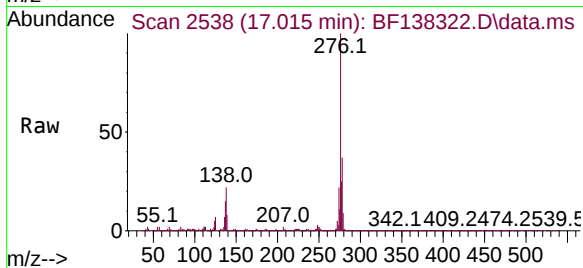
Tgt Ion:276 Resp: 1138041

Ion Ratio Lower Upper

276 100

138 24.0 19.3 28.9

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 58.790 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

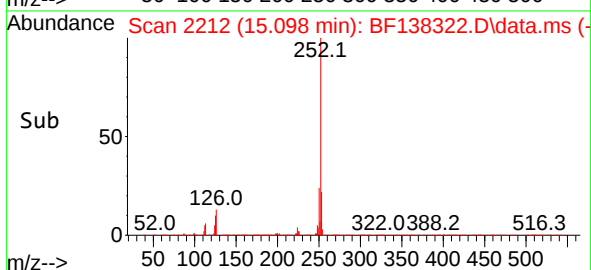
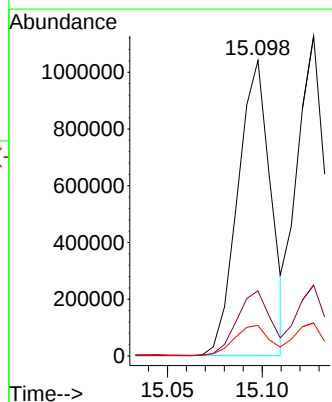
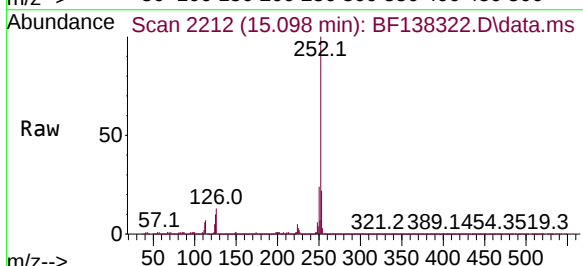
Tgt Ion:252 Resp: 1257693

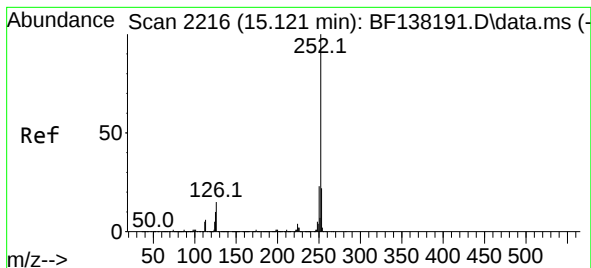
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.4 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 54.401 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

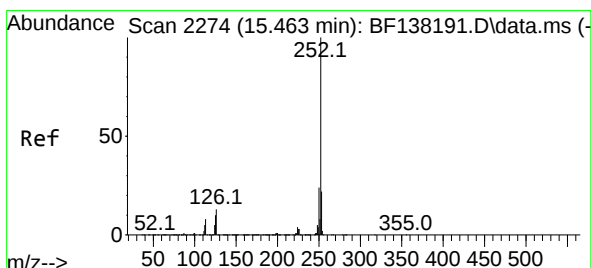
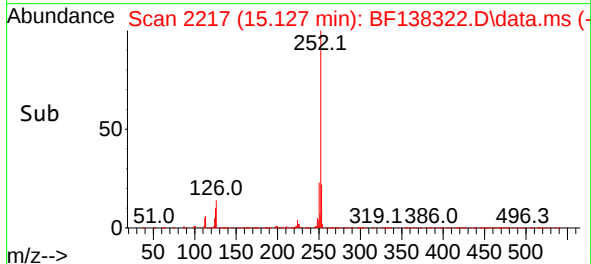
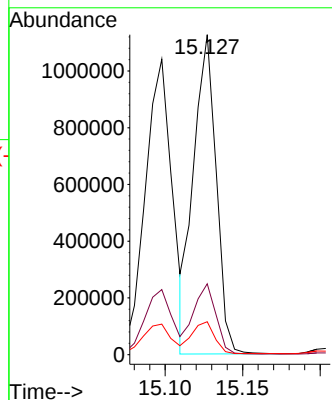
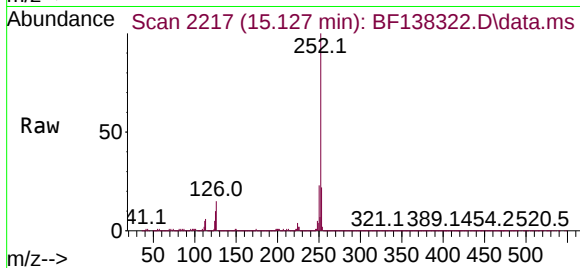
Tgt Ion:252 Resp: 1140574

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.3 8.0 12.0



#90

Benzo(a)pyrene

Concen: 57.758 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

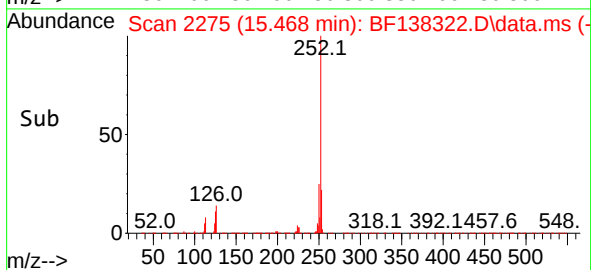
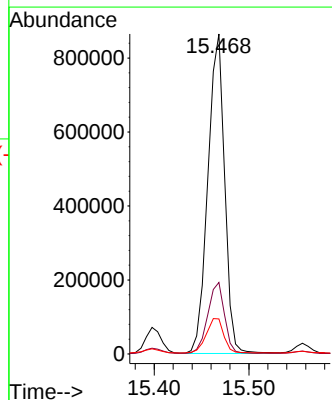
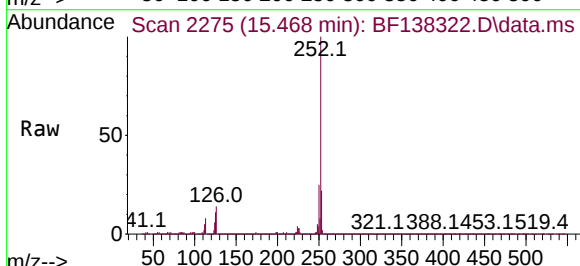
Tgt Ion:252 Resp: 1061525

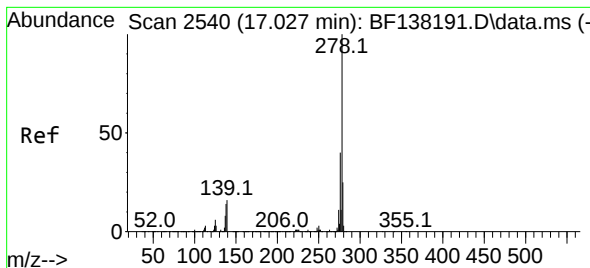
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 46.783 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_F

ClientSampleId :

VNJ-204MSD

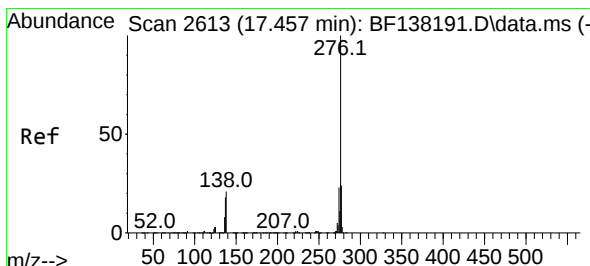
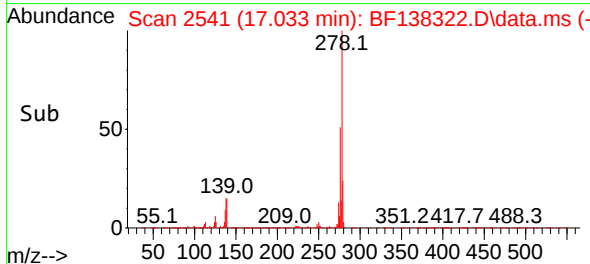
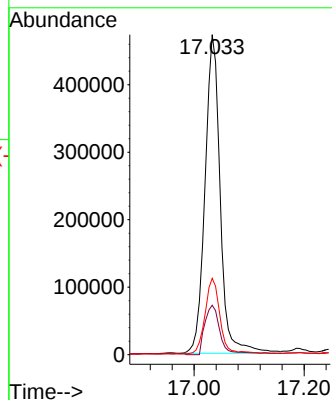
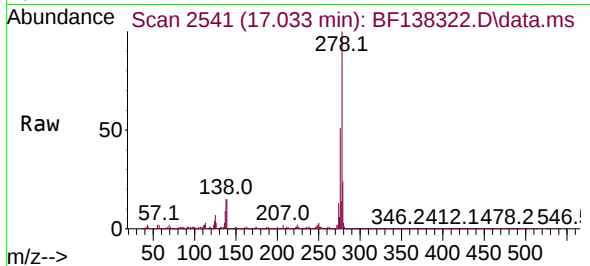
Tgt Ion:278 Resp: 908129

Ion Ratio Lower Upper

278 100

139 15.5 12.9 19.3

279 23.8 19.9 29.9



#92

Benzo(g,h,i)perylene

Concen: 46.092 ng

RT: 17.468 min Scan# 2615

Delta R.T. 0.012 min

Lab File: BF138322.D

Acq: 24 Jun 2024 21:10

Tgt Ion:276 Resp: 925583

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 20.7 16.6 24.8

