

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF141010.D
 Acq On : 27 Dec 2024 21:17
 Operator : RC/JU
 Sample : P5343-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MSD

Quant Time: Dec 27 22:22:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	244402	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	947790	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	470653	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	634268	20.000	ng	0.00
76) Chrysene-d12	13.986	240	466583	20.000	ng	0.00
86) Perylene-d12	15.433	264	379375	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1717076	105.903	ng	0.00
7) Phenol-d6	6.445	99	2215670	106.080	ng	0.00
23) Nitrobenzene-d5	7.387	82	1358509	91.702	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	481486	105.280	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2151269	72.824	ng	0.00
79) Terphenyl-d14	12.927	244	1661845	59.160	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	352994	48.089	ng	99
3) Pyridine	3.381	79	901244	50.239	ng	99
4) n-Nitrosodimethylamine	3.328	42	466622	51.338	ng	100
6) Aniline	6.487	93	552803	29.676	ng	99
8) 2-Chlorophenol	6.604	128	917088	53.649	ng	100
9) Benzaldehyde	6.369	77	192953	13.392	ng	99
10) Phenol	6.463	94	1161728	53.790	ng	100
11) bis(2-Chloroethyl)ether	6.563	93	871334	49.966	ng	98
12) 1,3-Dichlorobenzene	6.769	146	933995	49.508	ng	99
13) 1,4-Dichlorobenzene	6.845	146	950448	49.976	ng	99
14) 1,2-Dichlorobenzene	6.992	146	910449	51.346	ng	99
15) Benzyl Alcohol	6.963	79	796995	53.100	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1377264	52.224	ng	100
17) 2-Methylphenol	7.075	107	735554	51.794	ng	100
18) Hexachloroethane	7.339	117	348310	51.557	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	648308	50.665	ng	99
20) 3+4-Methylphenols	7.228	107	910105	50.641	ng	# 89
22) Acetophenone	7.234	105	1191049	51.226	ng	97
24) Nitrobenzene	7.404	77	946113	57.155	ng	98
25) Isophorone	7.645	82	1712669	53.128	ng	99
26) 2-Nitrophenol	7.722	139	454421	64.889	ng	99
27) 2,4-Dimethylphenol	7.757	122	744356	63.180	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	1048948	51.357	ng	99
29) 2,4-Dichlorophenol	7.963	162	708461	53.021	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	748623	49.500	ng	100
31) Naphthalene	8.128	128	2515301	50.364	ng	100
32) Benzoic acid	7.863	122	556997	55.934	ng	96
33) 4-Chloroaniline	8.175	127	173458	9.600	ng	99
34) Hexachlorobutadiene	8.251	225	446981	50.133	ng	99
35) Caprolactam	8.545	113	224349	49.389	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	758524	51.116	ng	99
37) 2-Methylnaphthalene	8.816	142	1619323	50.683	ng	99
38) 1-Methylnaphthalene	8.916	142	1501869	47.830	ng	98
40) 1,2,4,5-Tetrachloroben...	8.981	216	711189	54.926	ng	99
41) Hexachlorocyclopentadiene	8.975	237	484969	113.023	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	489073	56.752	ng	99

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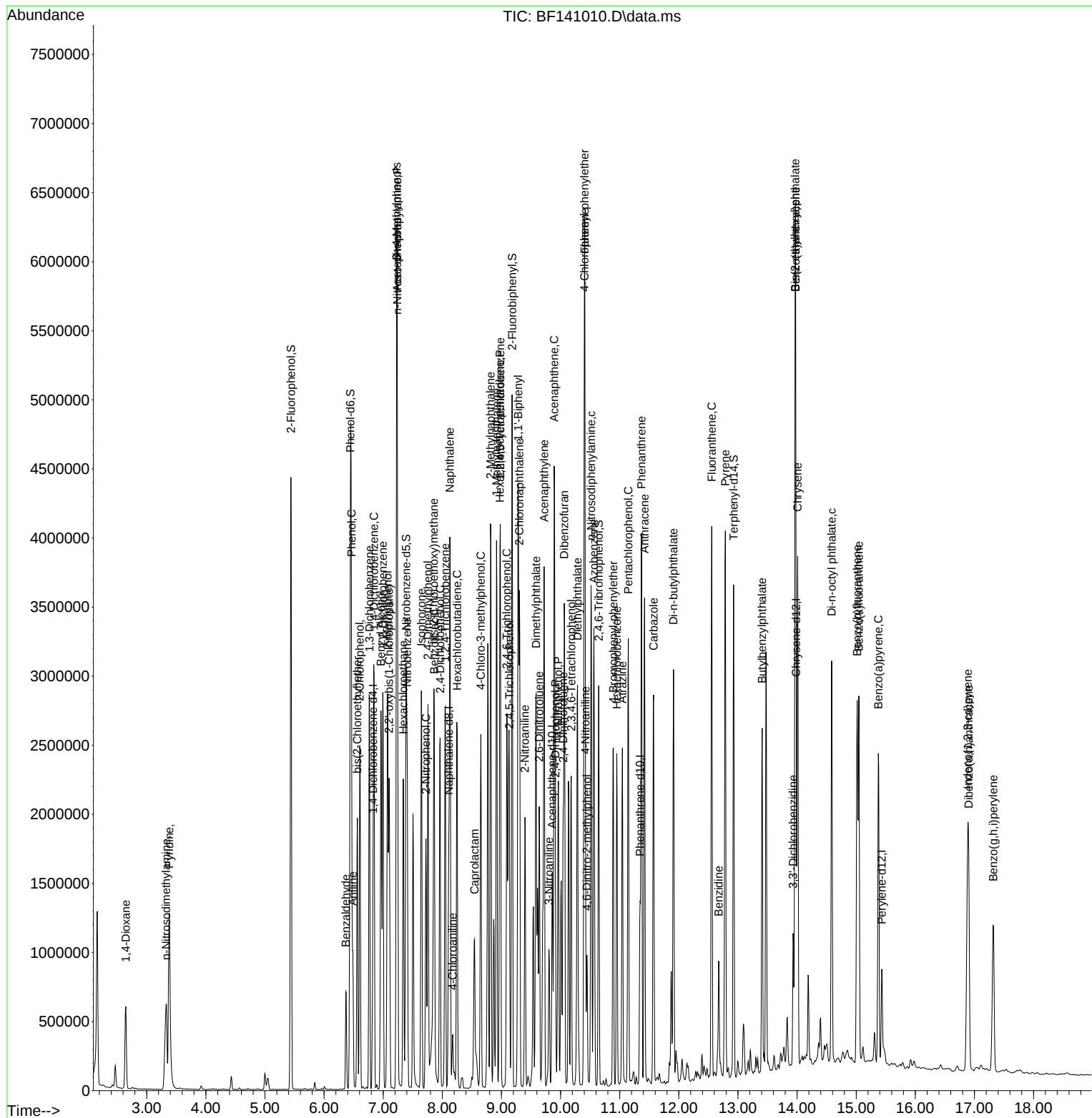
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44) 2,4,5-Trichlorophenol	9.133	196	482152	54.681	ng	98
46) 1,1'-Biphenyl	9.281	154	1925737	53.437	ng	99
47) 2-Chloronaphthalene	9.304	162	1447674	51.796	ng	100
48) 2-Nitroaniline	9.398	65	453950	60.722	ng	96
49) Acenaphthylene	9.722	152	2216087	55.079	ng	100
50) Dimethylphthalate	9.586	163	1697243	54.824	ng	100
51) 2,6-Dinitrotoluene	9.639	165	361618	56.571	ng	99
52) Acenaphthene	9.892	154	1513842	55.655	ng	99
53) 3-Nitroaniline	9.804	138	211497	31.974	ng	# 96
54) 2,4-Dinitrophenol	9.910	184	240023	90.210	ng	# 1
55) Dibenzofuran	10.063	168	1950405	51.022	ng	100
56) 4-Nitrophenol	9.963	139	536898	101.386	ng	95
57) 2,4-Dinitrotoluene	10.045	165	457659	58.185	ng	94
58) Fluorene	10.410	166	1429042	48.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	379427	51.957	ng	99
60) Diethylphthalate	10.286	149	1585267	51.869	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	707519	49.604	ng	97
62) 4-Nitroaniline	10.422	138	298741	43.864	ng	93
63) Azobenzene	10.563	77	1778277	55.434	ng	92
65) 4,6-Dinitro-2-methylph...	10.445	198	168696	63.066	ng	100
66) n-Nitrosodiphenylamine	10.516	169	1278233	63.998	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	430720	62.819	ng	97
68) Hexachlorobenzene	10.951	284	433475	57.335	ng	98
69) Atrazine	11.045	200	405050	72.592	ng	98
70) Pentachlorophenol	11.145	266	510819	108.519	ng	99
71) Phenanthrene	11.369	178	2065974	61.889	ng	100
72) Anthracene	11.422	178	1903959	58.207	ng	99
73) Carbazole	11.574	167	1598994	50.850	ng	99
74) Di-n-butylphthalate	11.910	149	2026128	56.650	ng	100
75) Fluoranthene	12.557	202	2179507	60.199	ng	99
77) Benzidine	12.674	184	425214	43.122	ng	99
78) Pyrene	12.786	202	2262545	55.446	ng	100
80) Butylbenzylphthalate	13.410	149	782026	52.483	ng	100
81) Benzo(a)anthracene	13.974	228	1917148	58.956	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	292628	29.952	ng	99
83) Chrysene	14.010	228	1749338	59.676	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	1054120	54.538	ng	100
85) Di-n-octyl phthalate	14.586	149	1830651	65.440	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1277978	53.469	ng	98
88) Benzo(b)fluoranthene	15.015	252	1771281	66.944	ng	99
89) Benzo(k)fluoranthene	15.045	252	1222563	58.953	ng	99
90) Benzo(a)pyrene	15.374	252	1354991	65.978	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	983815	50.778	ng	100
92) Benzo(g,h,i)perylene	17.321	276	964009	47.972	ng	99

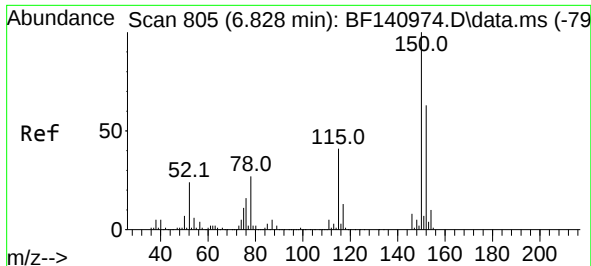
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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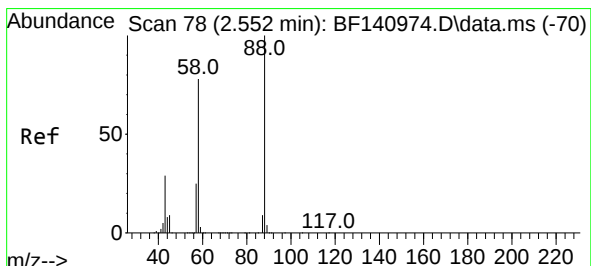
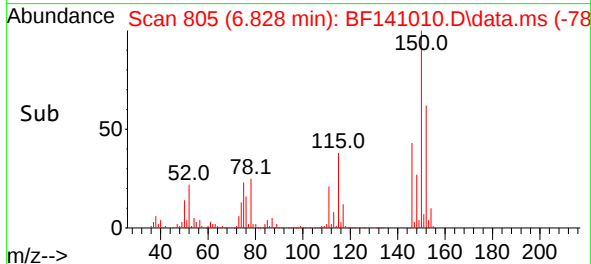
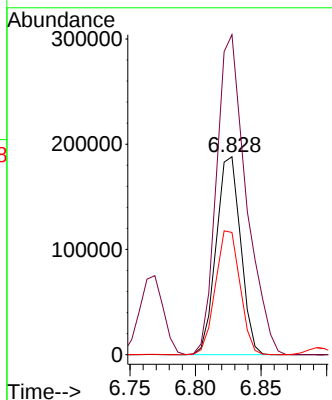
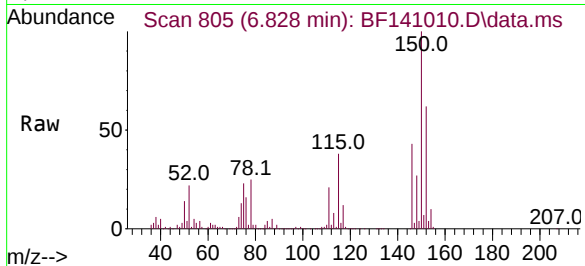




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141010.D
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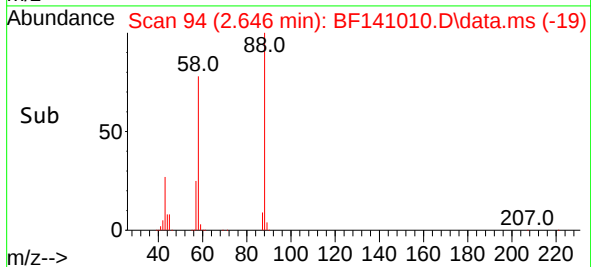
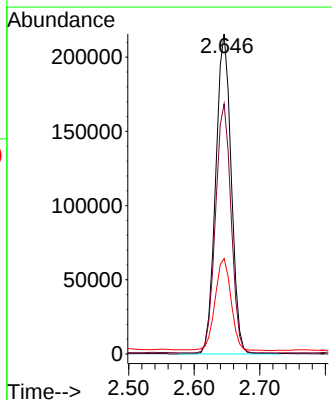
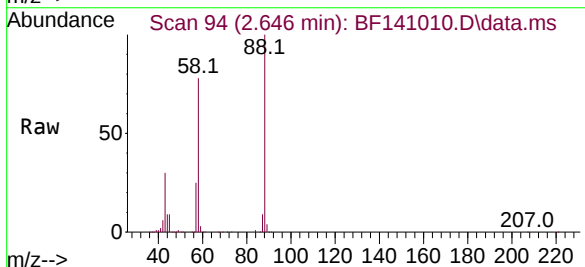
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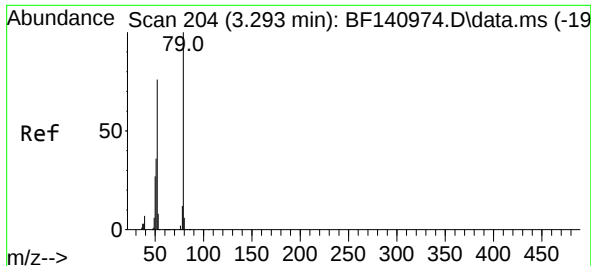
Tgt Ion:152 Resp: 244402
 Ion Ratio Lower Upper
 152 100
 150 161.7 127.0 190.6
 115 61.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 48.089 ng
 RT: 2.646 min Scan# 94
 Delta R.T. 0.094 min
 Lab File: BF141010.D
 Acq: 27 Dec 2024 21:17

Tgt Ion: 88 Resp: 352994
 Ion Ratio Lower Upper
 88 100
 58 77.8 63.0 94.4
 43 29.8 23.4 35.2

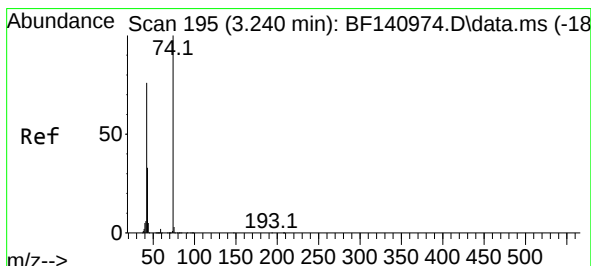
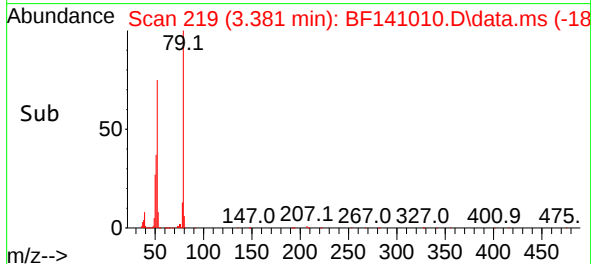
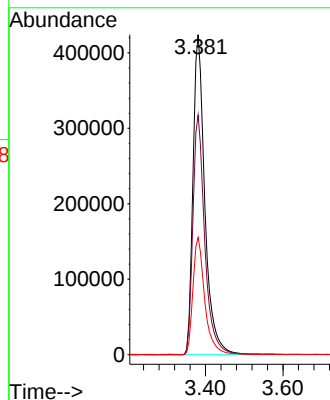
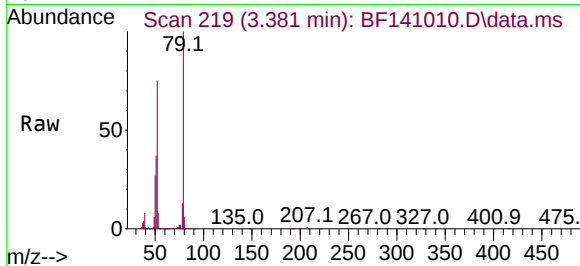




#3
Pyridine
Concen: 50.239 ng
RT: 3.381 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

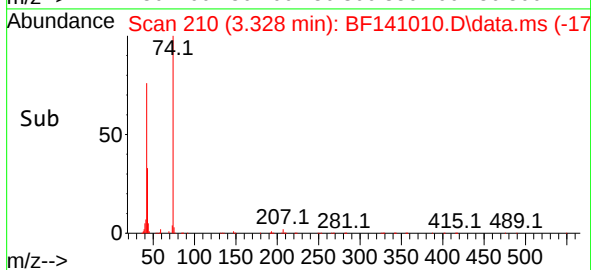
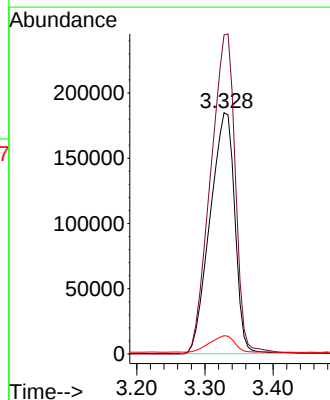
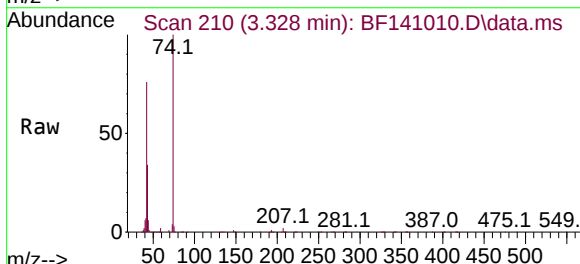
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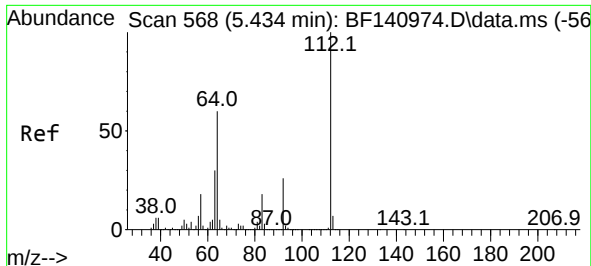
Tgt Ion: 79 Resp: 901244
Ion Ratio Lower Upper
79 100
52 74.9 60.4 90.6
51 36.7 28.8 43.2



#4
n-Nitrosodimethylamine
Concen: 51.338 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion: 42 Resp: 466622
Ion Ratio Lower Upper
42 100
74 132.2 105.8 158.6
44 7.6 6.6 10.0

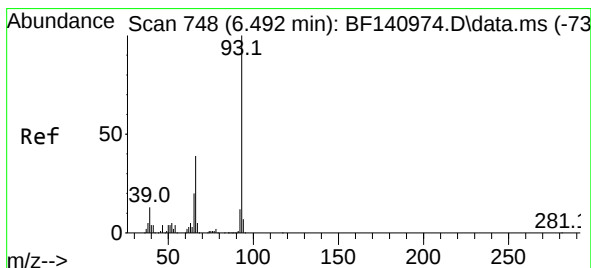
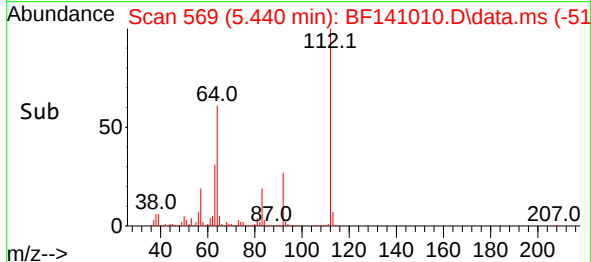
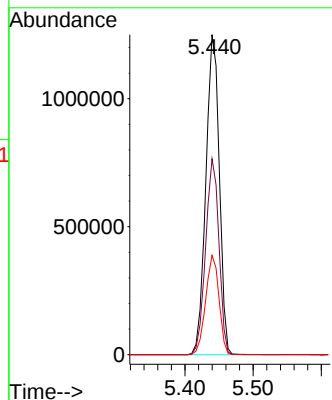
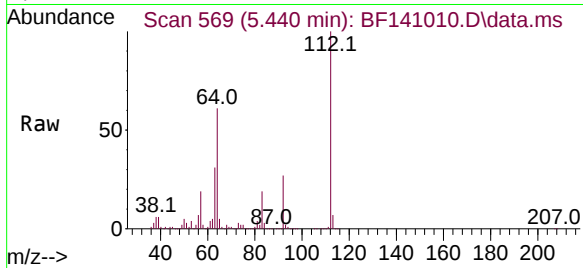




#5
2-Fluorophenol
Concen: 105.903 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

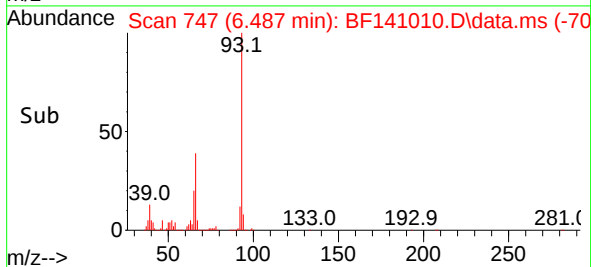
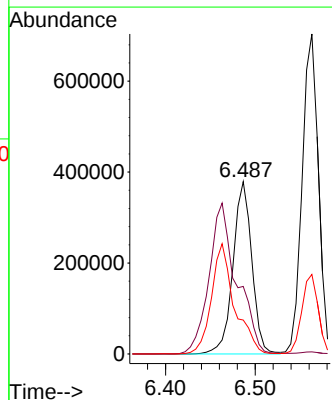
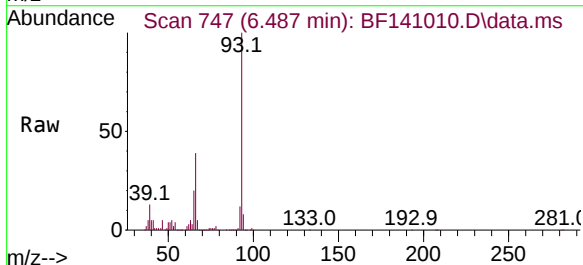
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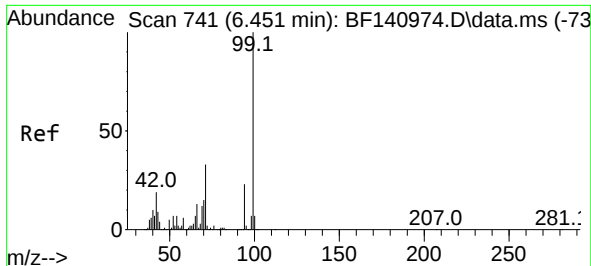
Tgt Ion:112 Resp: 1717076
Ion Ratio Lower Upper
112 100
64 61.2 47.7 71.5
63 31.0 24.2 36.2



#6
Aniline
Concen: 29.676 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion: 93 Resp: 552803
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.8
65 19.7 15.4 23.0



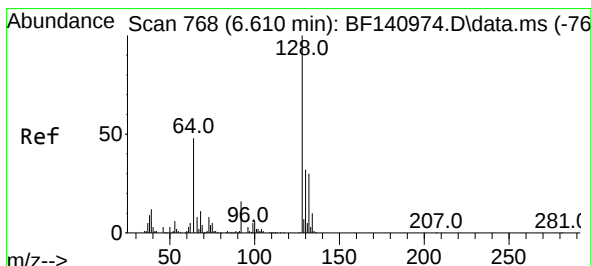
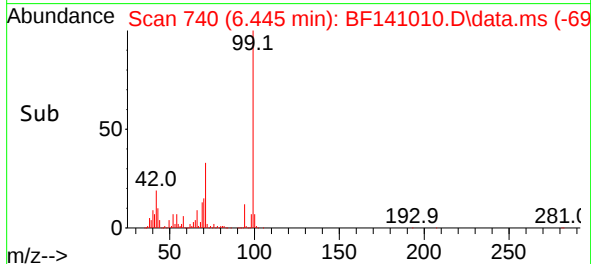
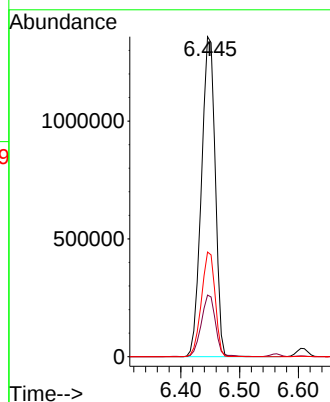
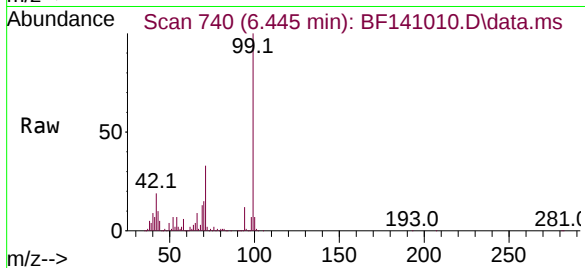


#7
Phenol-d6
Concen: 106.080 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141010.D
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Tgt Ion: 99 Resp: 2215670

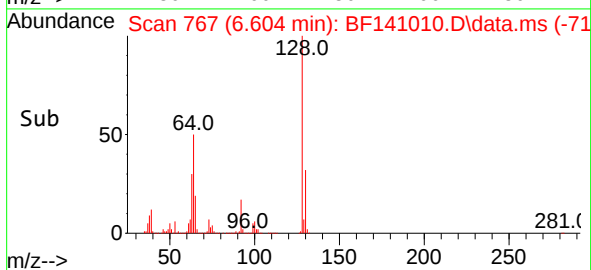
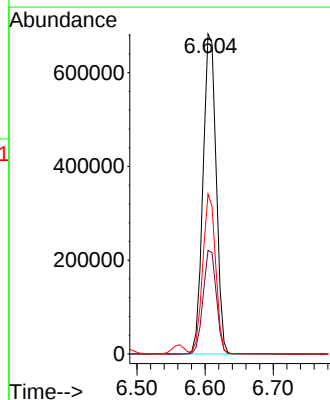
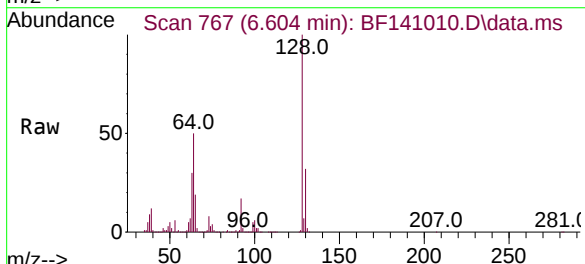
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.0	22.4
71	32.7	26.2	39.2



#8
2-Chlorophenol
Concen: 53.649 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 917088

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.2	52.2
64	49.9	30.3	70.3

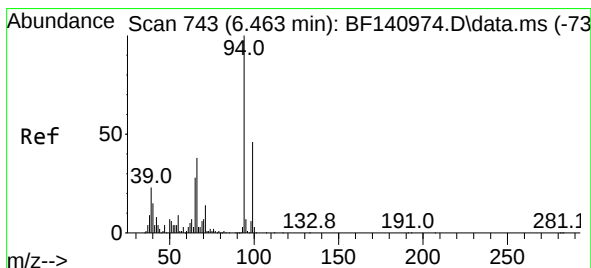
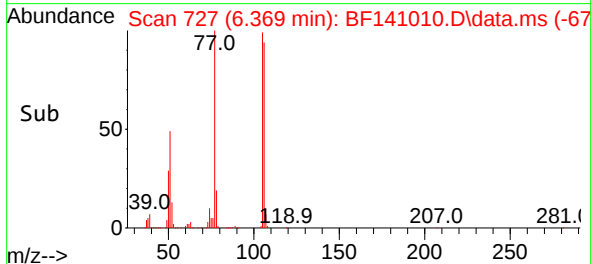
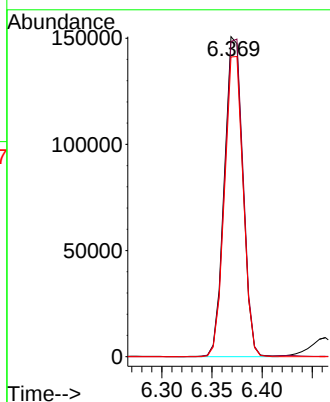
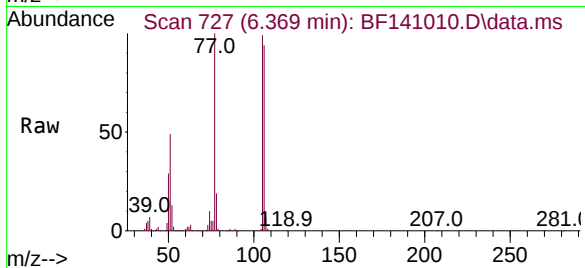




#9
Benzaldehyde
Concen: 13.392 ng
RT: 6.369 min Scan# 710
Delta R.T. -0.006 min
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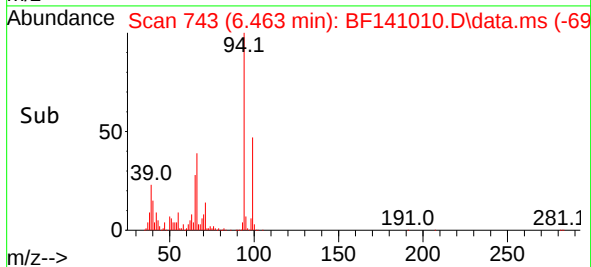
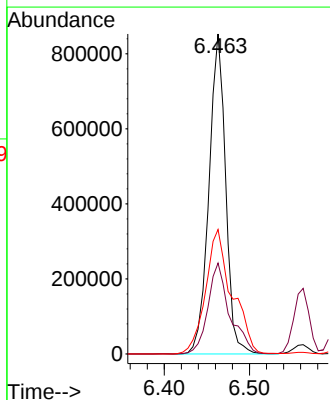
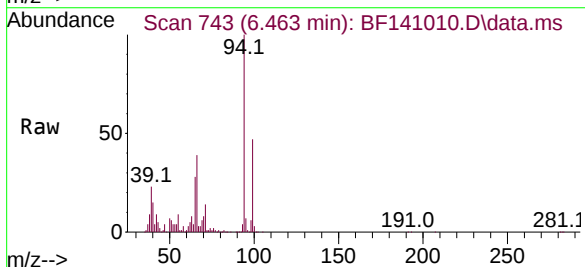
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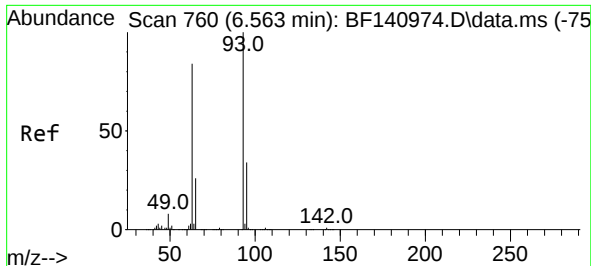
Tgt Ion: 77 Resp: 192953
Ion Ratio Lower Upper
77 100
105 98.5 76.2 116.2
106 93.7 73.4 113.4



#10
Phenol
Concen: 53.790 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion: 94 Resp: 1161728
Ion Ratio Lower Upper
94 100
65 28.4 8.1 48.1
66 38.9 18.7 58.7

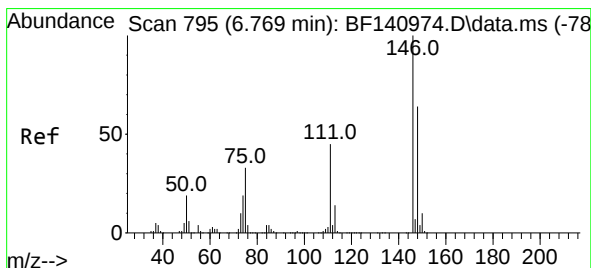
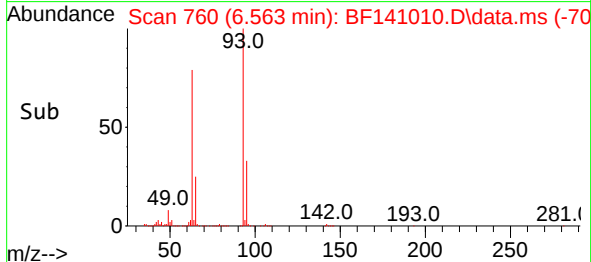
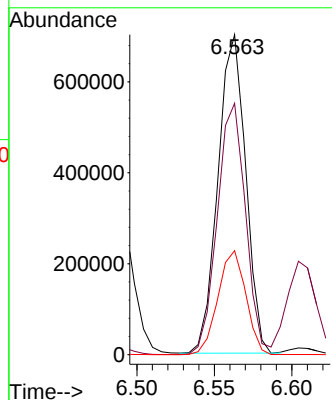
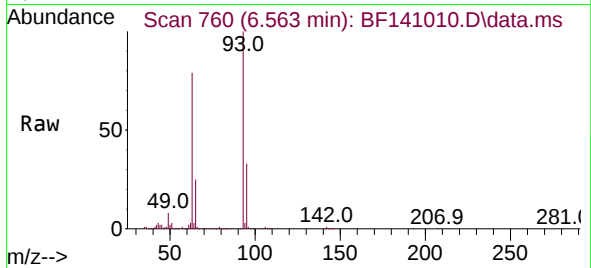




#11
bis(2-Chloroethyl)ether
Concen: 49.966 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

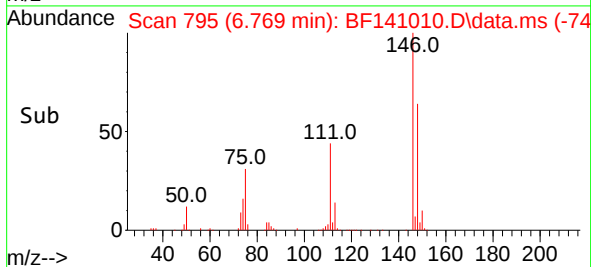
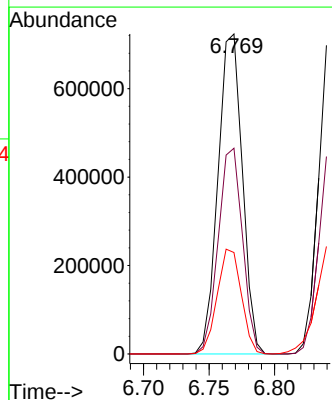
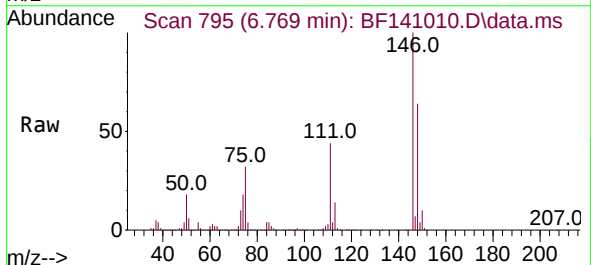
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

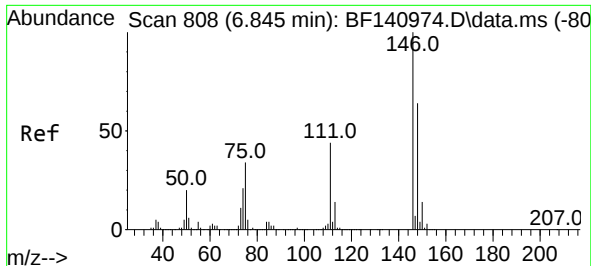
Tgt Ion: 93 Resp: 871334
Ion Ratio Lower Upper
93 100
63 78.6 60.3 100.3
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.508 ng
RT: 6.769 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:146 Resp: 933995
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 31.7 26.1 39.1

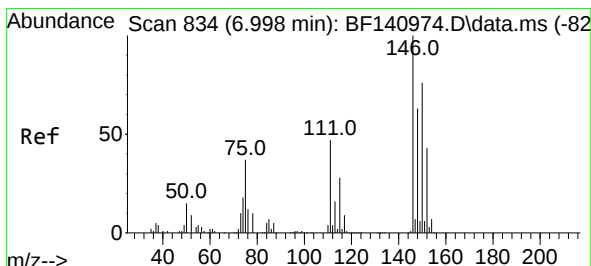
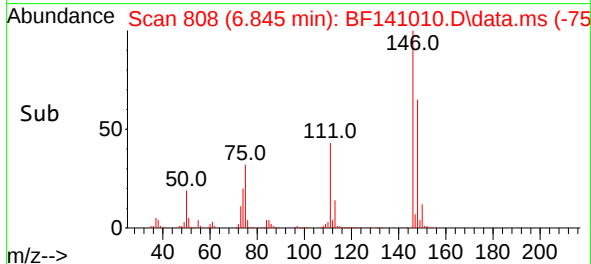
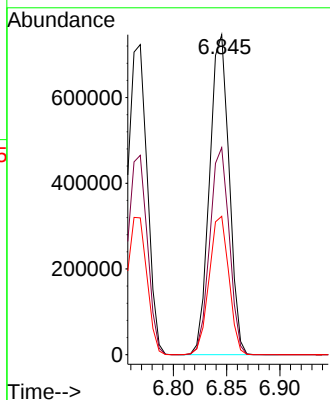
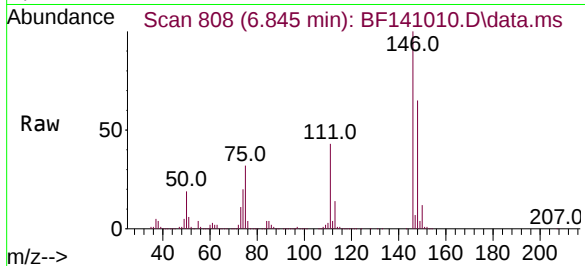




#13
1,4-Dichlorobenzene
Concen: 49.976 ng
RT: 6.845 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

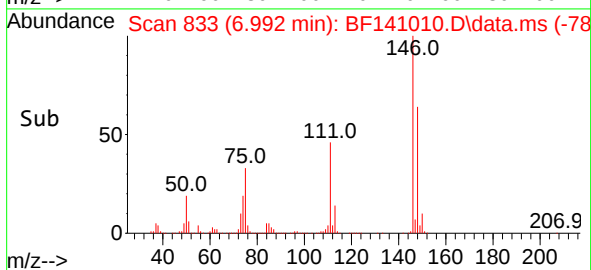
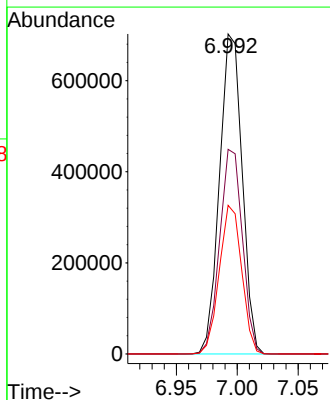
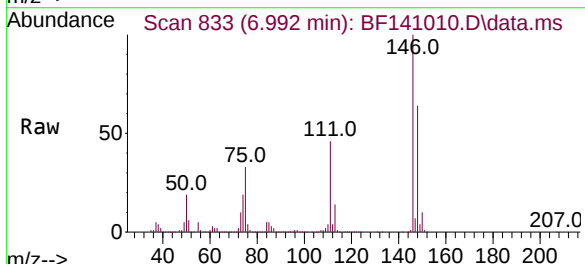
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion:146 Resp: 950448
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
111 43.2 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 51.346 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:146 Resp: 910449
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 46.5 37.3 55.9

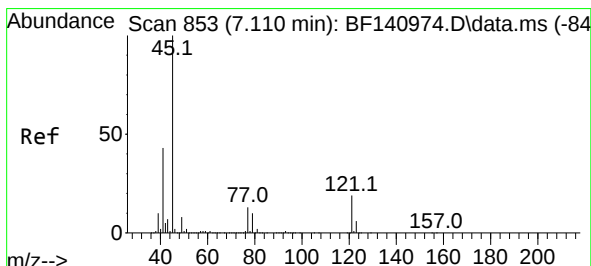
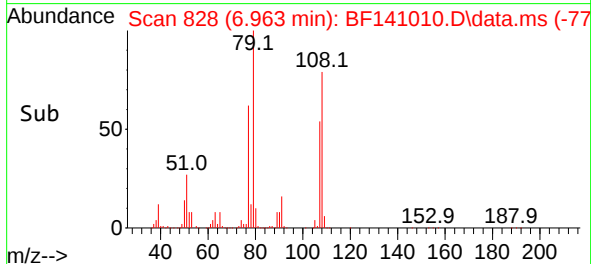
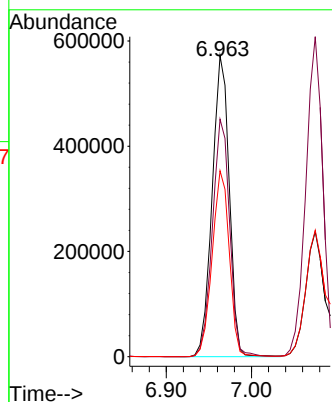
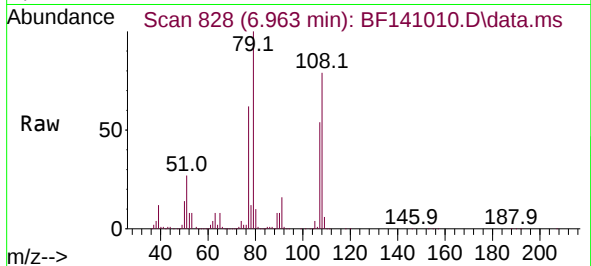




#15
Benzyl Alcohol
Concen: 53.100 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

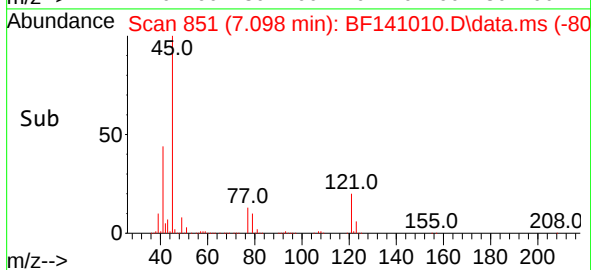
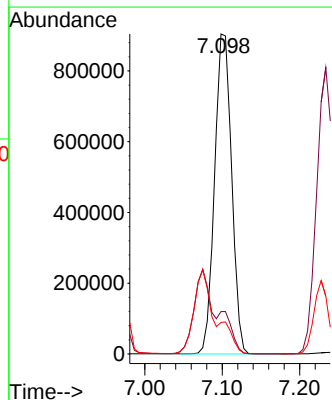
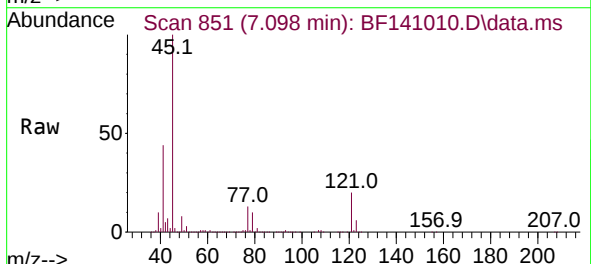
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion: 79 Resp: 796995
Ion Ratio Lower Upper
79 100
108 78.9 62.5 93.7
77 61.8 49.3 73.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.224 ng
RT: 7.098 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

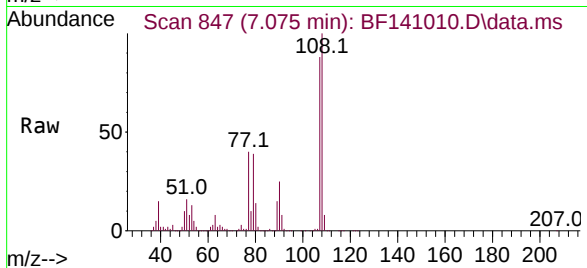
Tgt Ion: 45 Resp: 1377264
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.1
79 9.9 0.0 30.1



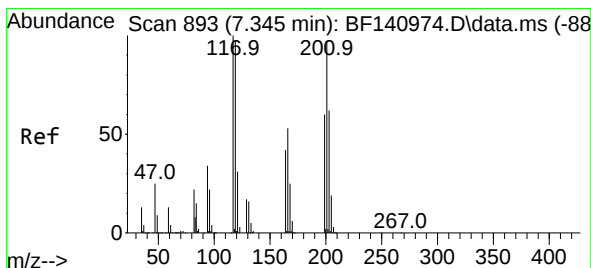
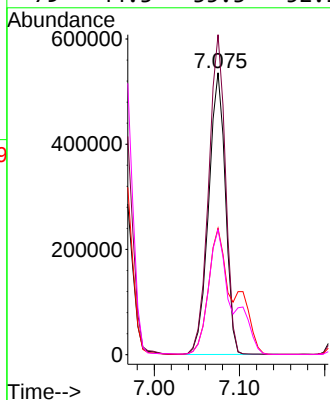
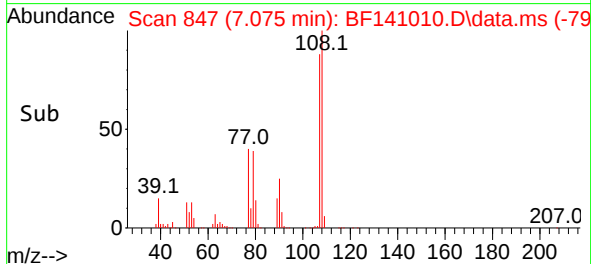


#17
2-Methylphenol
Concen: 51.794 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

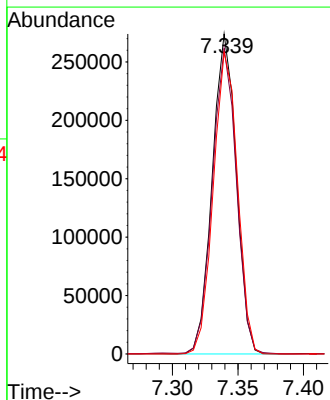
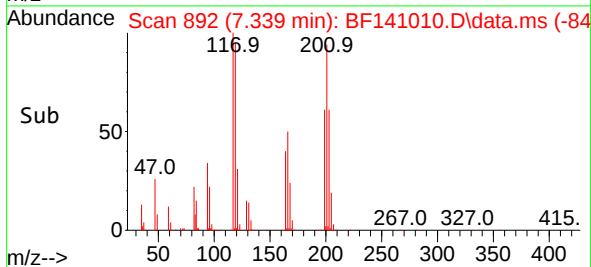
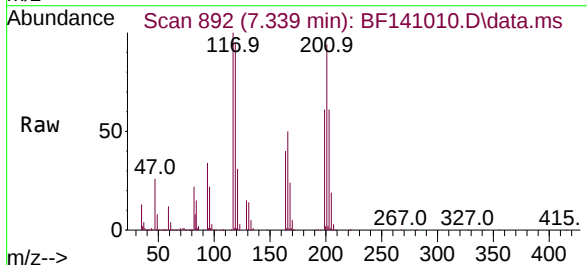


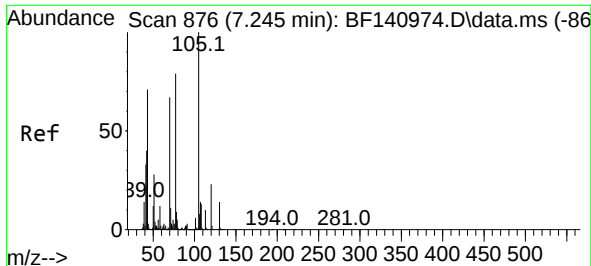
Tgt Ion:	107	Resp:	735554
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.6	136.0
77	44.9	35.3	52.9
79	44.3	35.3	52.9



#18
Hexachloroethane
Concen: 51.557 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:	117	Resp:	348310
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.5	116.3
201	94.3	77.4	116.2

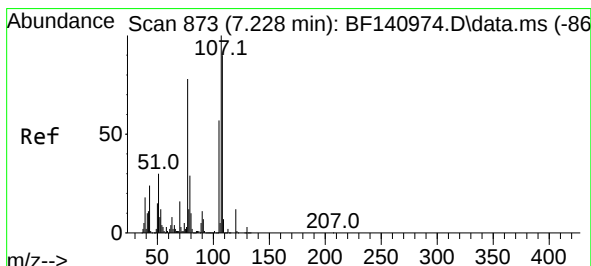
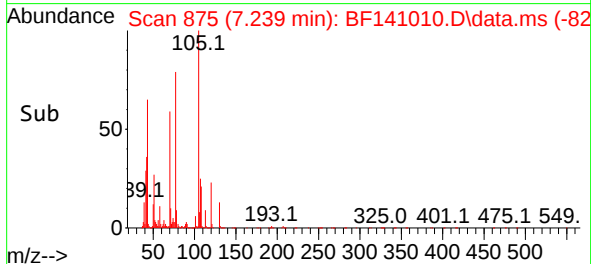
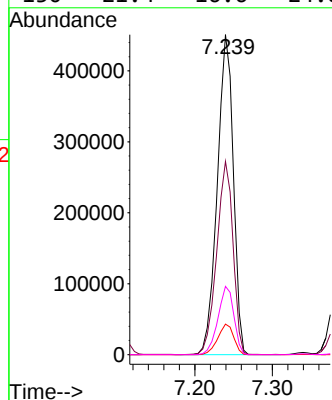
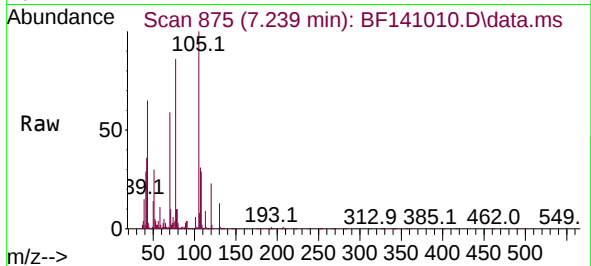




#19
n-Nitroso-di-n-propylamine
Concen: 50.665 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

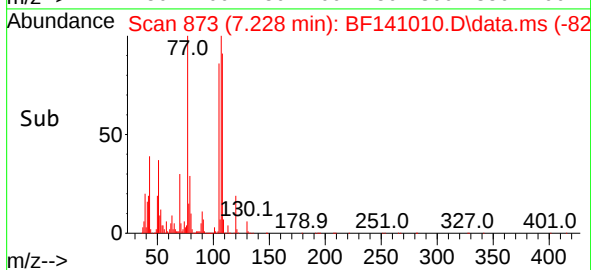
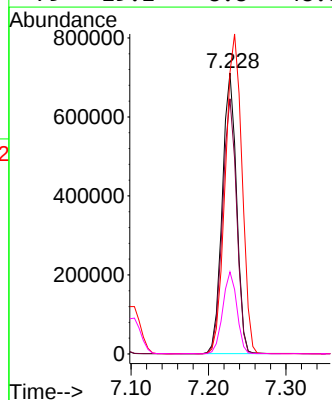
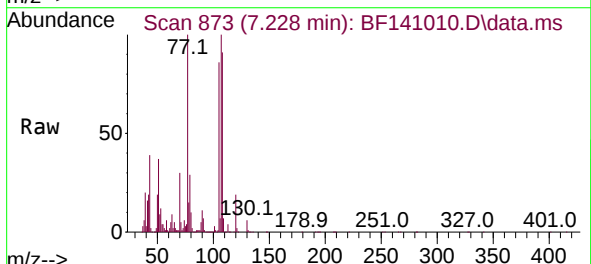
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion: 70 Resp: 648308
Ion Ratio Lower Upper
70 100
42 60.4 48.1 72.1
101 9.6 7.6 11.4
130 21.4 16.6 24.8



#20
3+4-Methylphenols
Concen: 50.641 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion: 107 Resp: 910105
Ion Ratio Lower Upper
107 100
108 90.8 69.6 109.6
77 100.1 57.6 97.6#
79 29.2 8.8 48.8



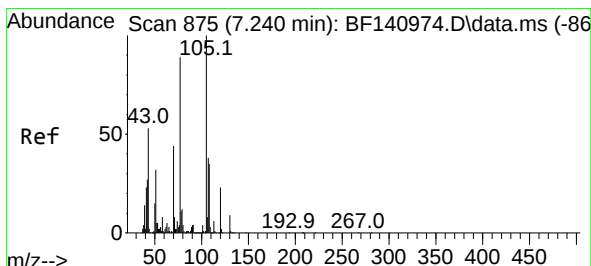
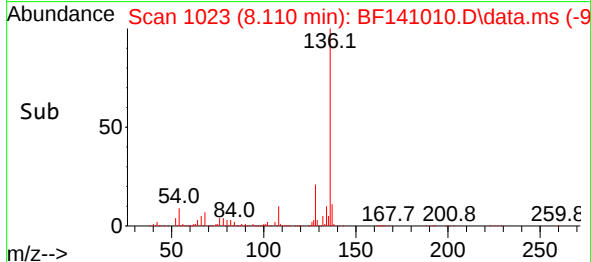
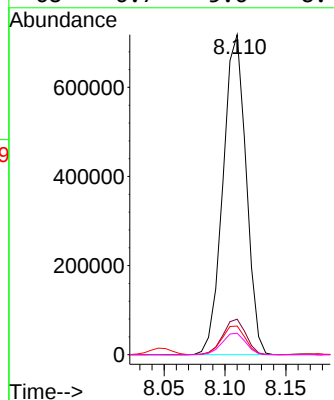
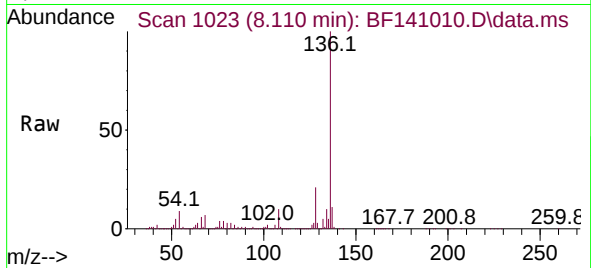


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion:136 Resp: 947790

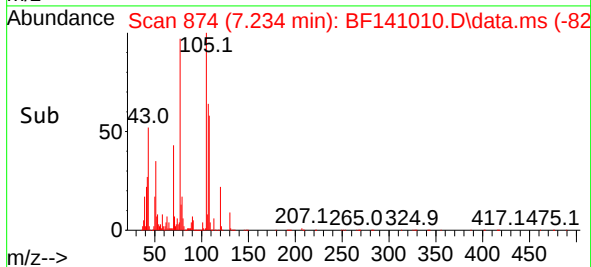
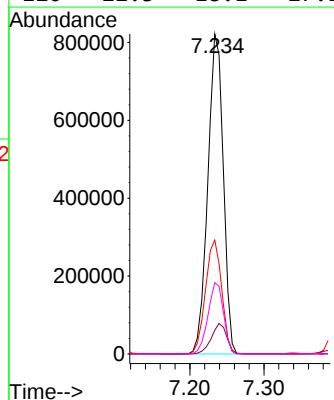
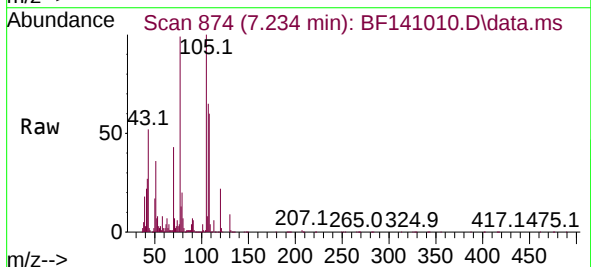
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	7.6	11.4
68	6.7	5.6	8.4

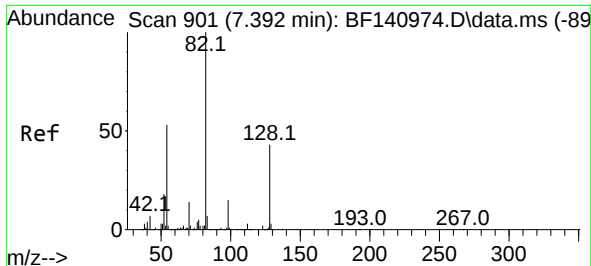


#22
Acetophenone
Concen: 51.226 ng
RT: 7.234 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:105 Resp: 1191049

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.1	9.1
51	35.6	25.8	38.6
120	22.3	18.1	27.1





#23

Nitrobenzene-d5

Concen: 91.702 ng

RT: 7.387 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

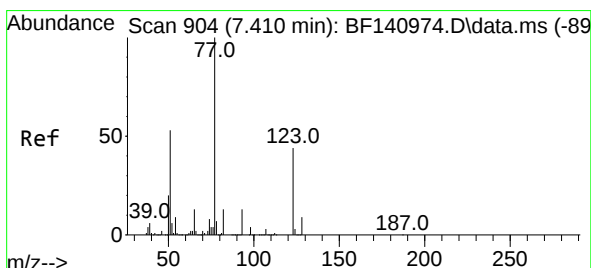
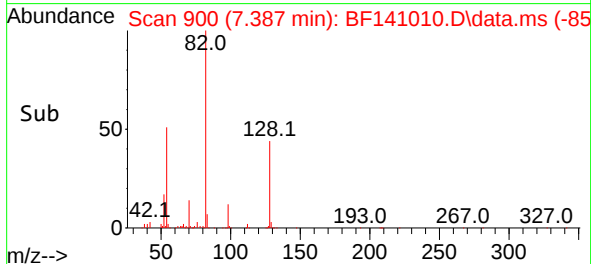
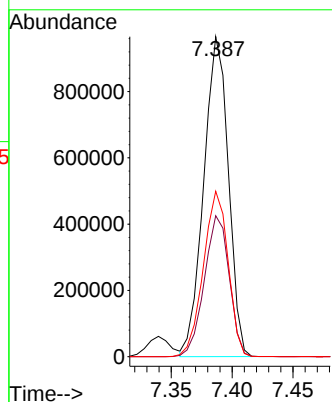
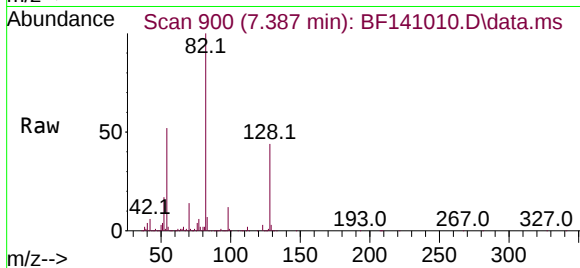
Tgt Ion: 82 Resp: 1358509

Ion Ratio Lower Upper

82 100

128 44.1 34.4 51.6

54 51.7 42.4 63.6



#24

Nitrobenzene

Concen: 57.155 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

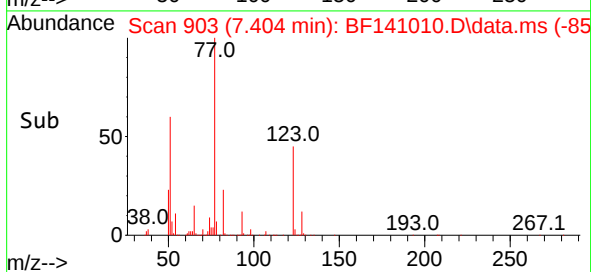
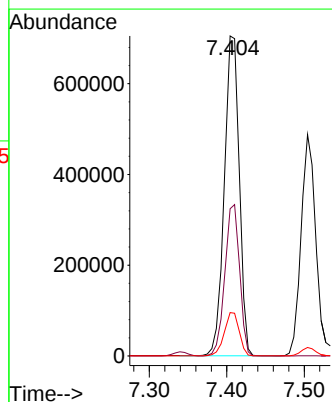
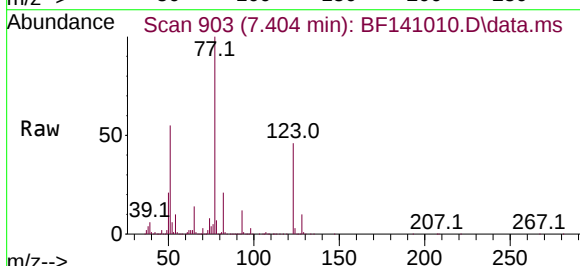
Tgt Ion: 77 Resp: 946113

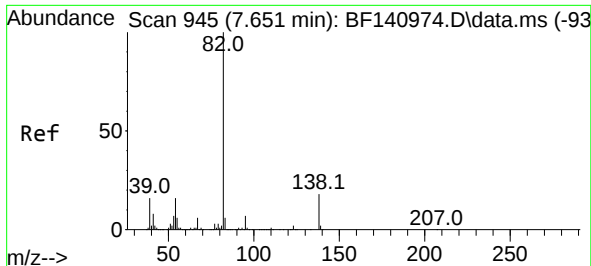
Ion Ratio Lower Upper

77 100

123 46.0 35.4 53.2

65 13.6 10.7 16.1

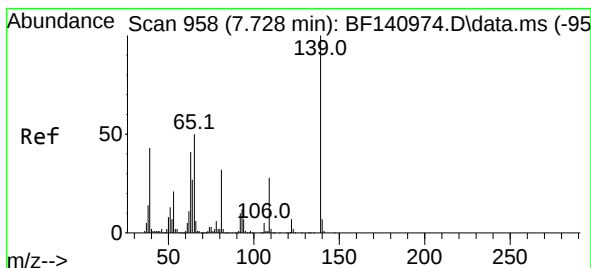
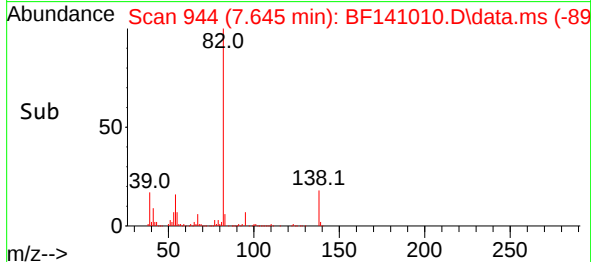
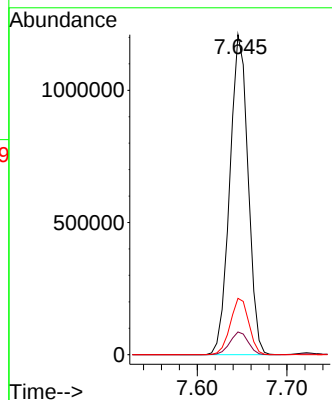
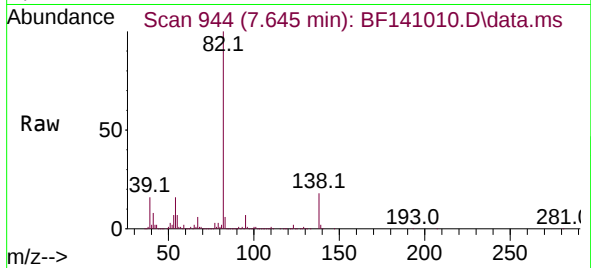




#25
Isophorone
Concen: 53.128 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

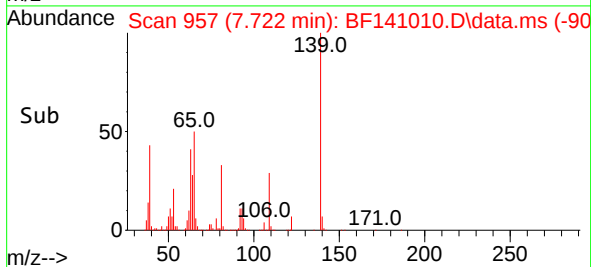
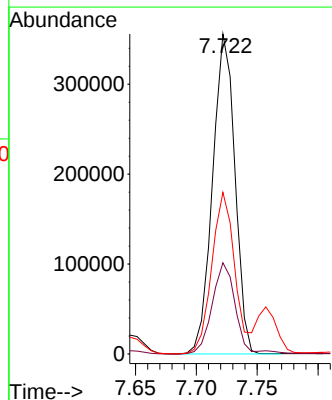
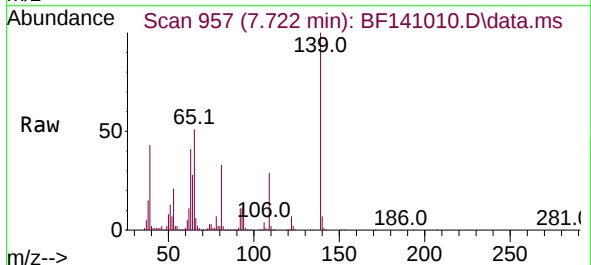
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion: 82 Resp: 1712669
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.6 14.6 21.8



#26
2-Nitrophenol
Concen: 64.889 ng
RT: 7.722 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:139 Resp: 454421
Ion Ratio Lower Upper
139 100
109 28.5 22.2 33.4
65 50.5 40.2 60.4

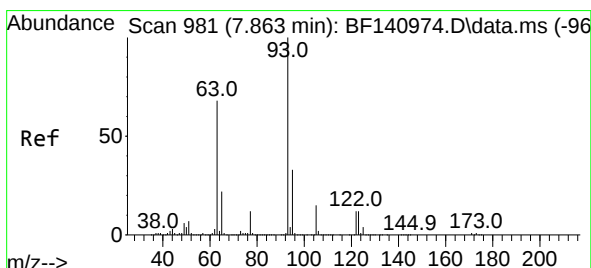
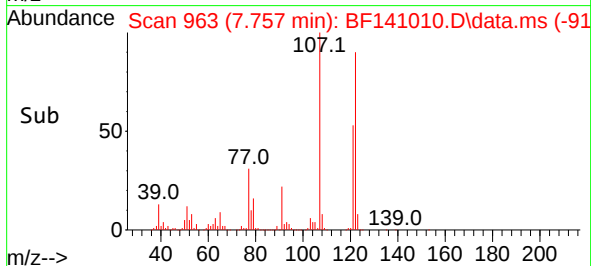
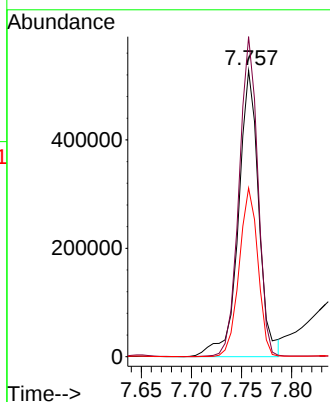
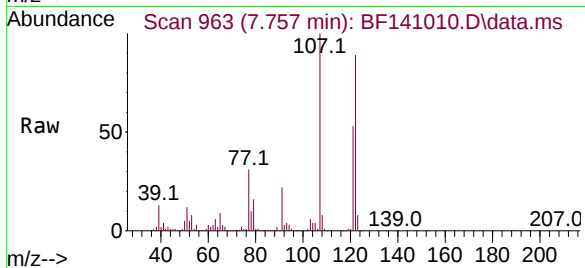




#27
2,4-Dimethylphenol
Concen: 63.180 ng
RT: 7.757 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

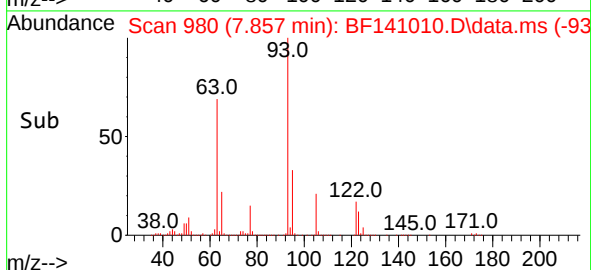
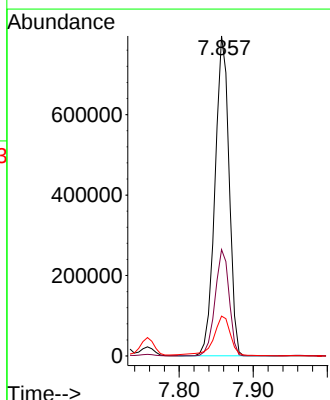
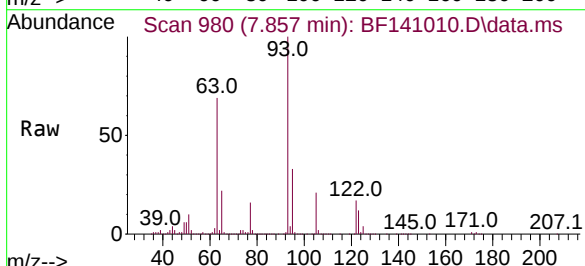
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion:122 Resp: 744356
Ion Ratio Lower Upper
122 100
107 111.8 89.4 134.2
121 58.9 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.357 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion: 93 Resp: 1048948
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 12.5 9.9 14.9

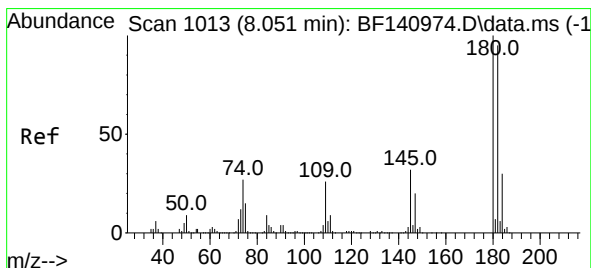
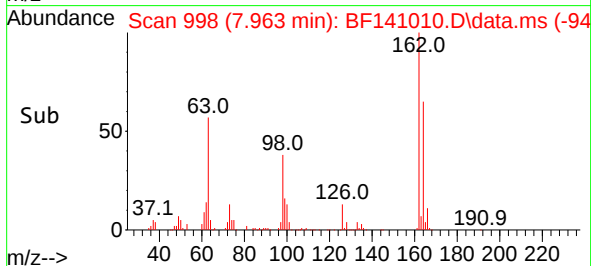
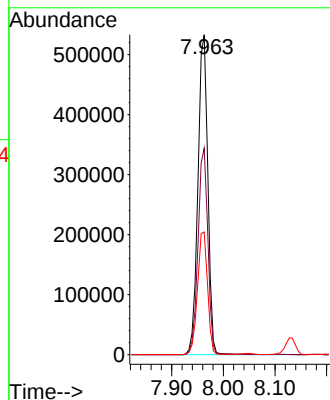
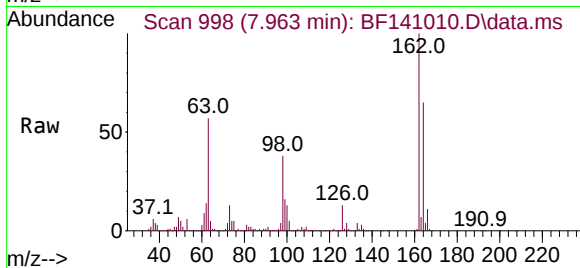




#29
2,4-Dichlorophenol
Concen: 53.021 ng
RT: 7.963 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

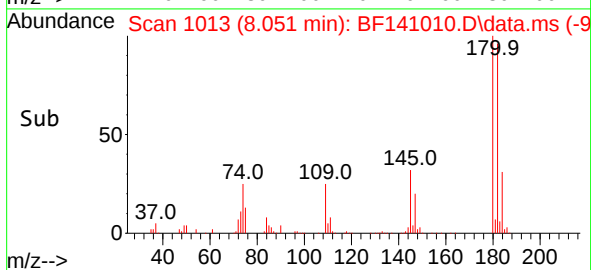
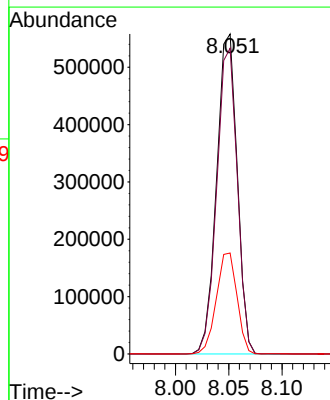
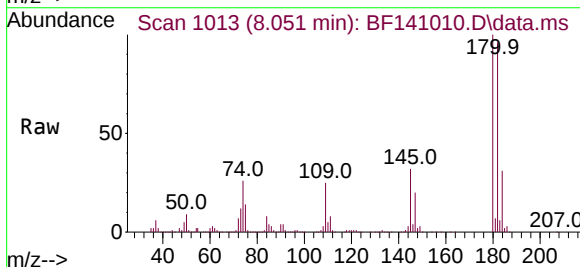
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

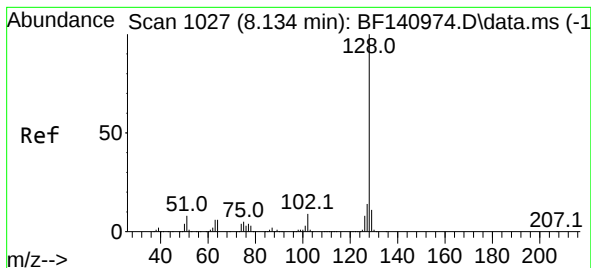
Tgt Ion:162 Resp: 708461
Ion Ratio Lower Upper
162 100
164 64.6 44.8 84.8
98 38.4 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 49.500 ng
RT: 8.051 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:180 Resp: 748623
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.4
145 31.5 25.4 38.2





#31

Naphthalene

Concen: 50.364 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

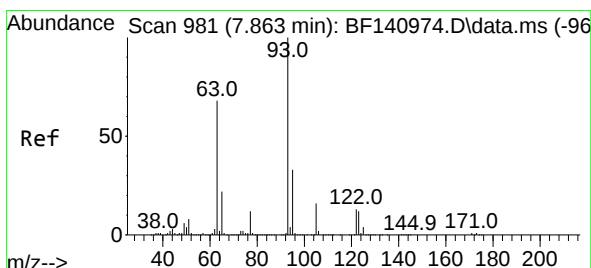
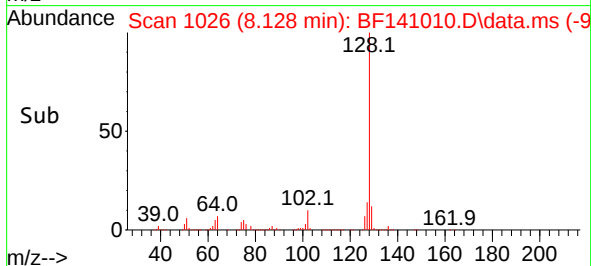
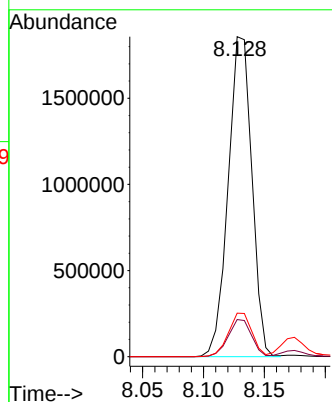
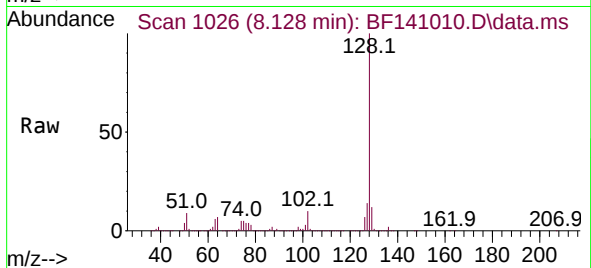
Tgt Ion:128 Resp: 2515301

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 55.934 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

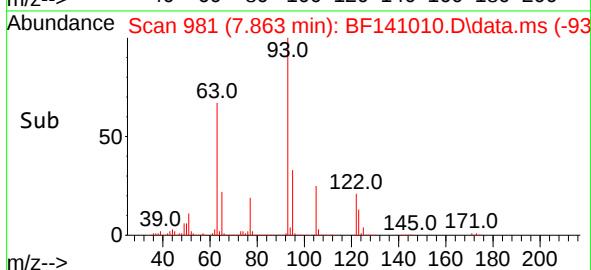
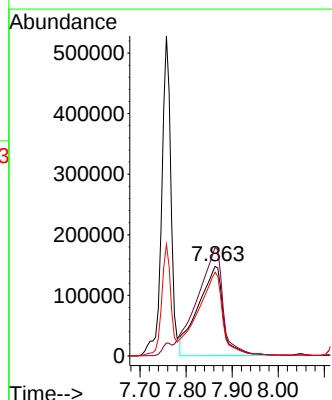
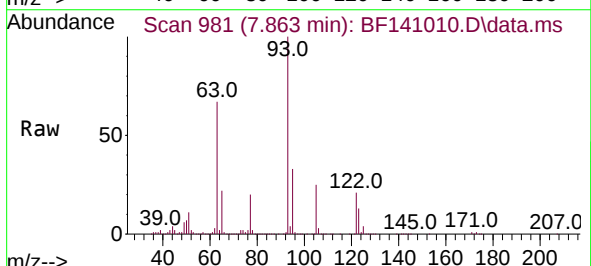
Tgt Ion:122 Resp: 556997

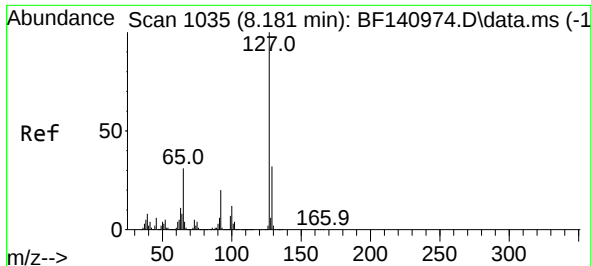
Ion Ratio Lower Upper

122 100

105 120.9 105.4 145.4

77 93.4 76.4 116.4



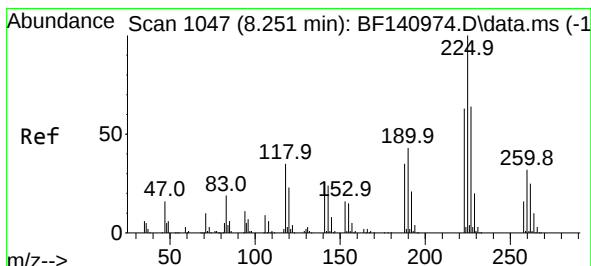
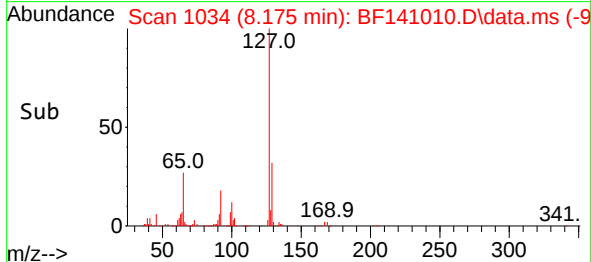
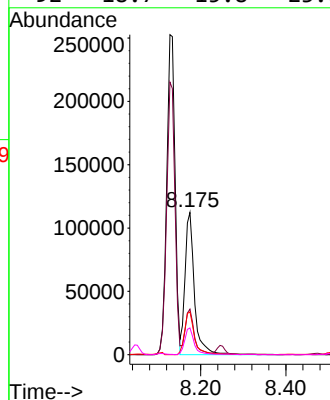
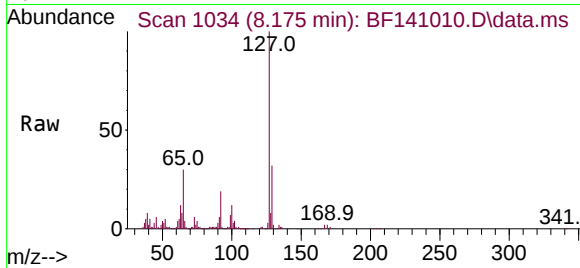


#33
4-Chloroaniline
Concen: 9.600 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion:127 Resp: 173458

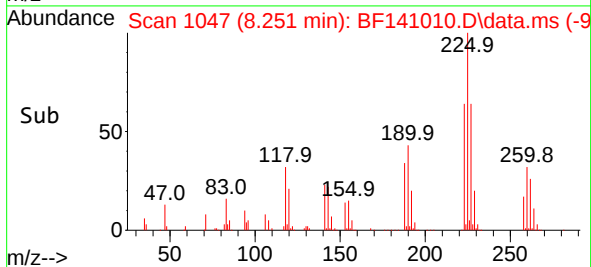
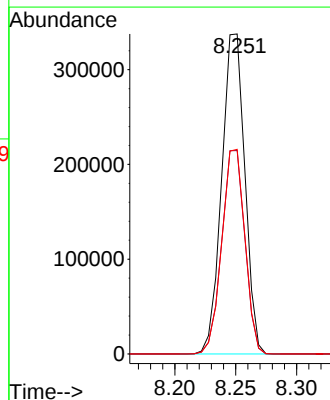
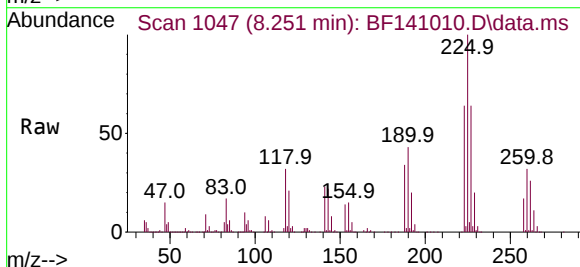
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	30.2	24.6	37.0
92	18.7	15.8	23.6

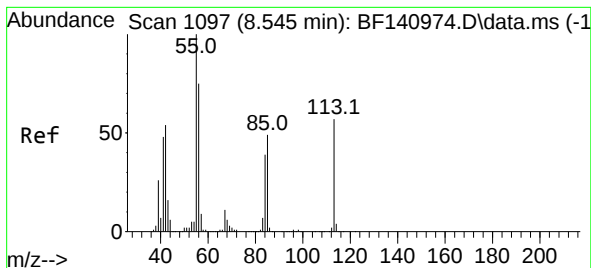


#34
Hexachlorobutadiene
Concen: 50.133 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:225 Resp: 446981

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.3	75.5
227	63.9	50.8	76.2





#35

Caprolactam

Concen: 49.389 ng

RT: 8.545 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

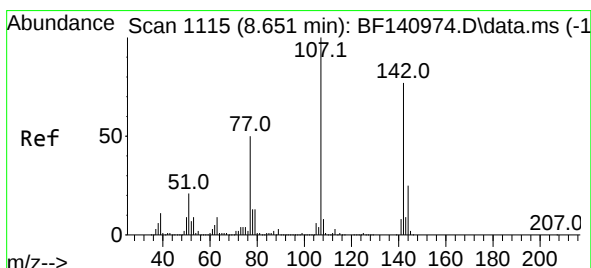
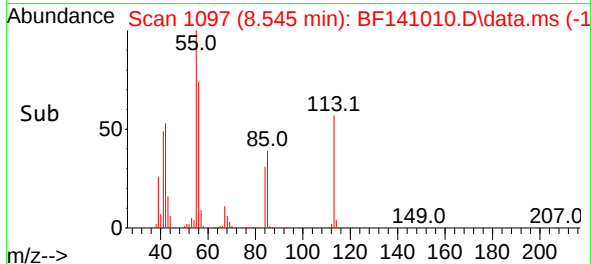
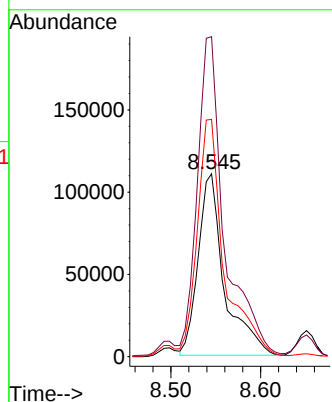
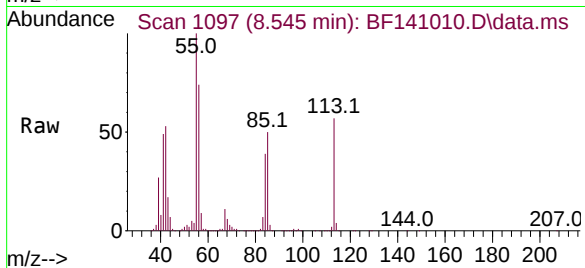
Tgt Ion:113 Resp: 224349

Ion Ratio Lower Upper

113 100

55 175.0 156.6 196.6

56 129.7 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 51.116 ng

RT: 8.651 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

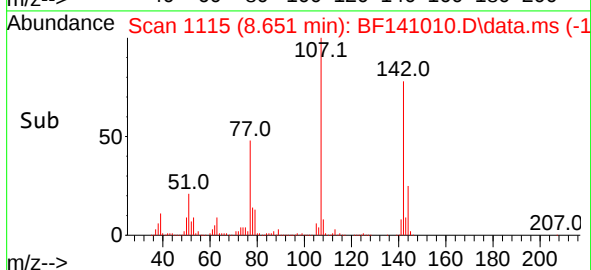
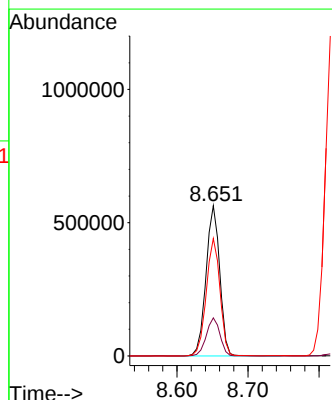
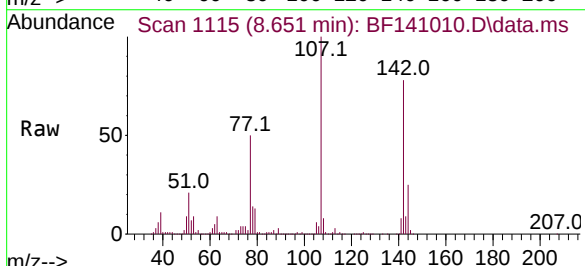
Tgt Ion:107 Resp: 758524

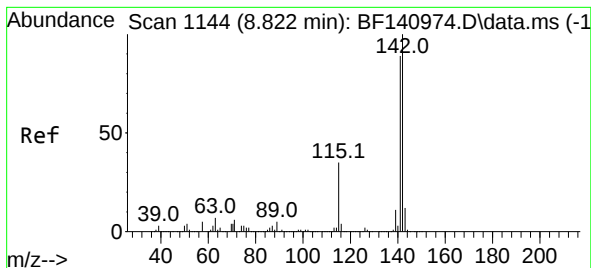
Ion Ratio Lower Upper

107 100

144 25.4 19.9 29.9

142 78.2 61.8 92.8

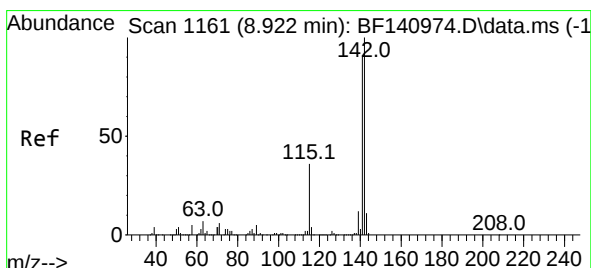
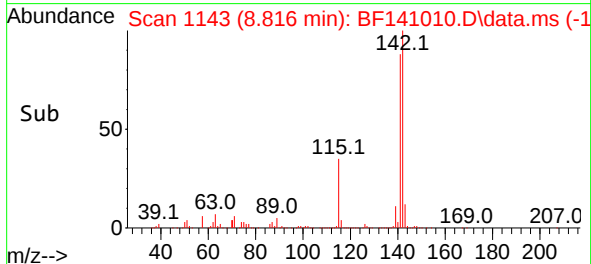
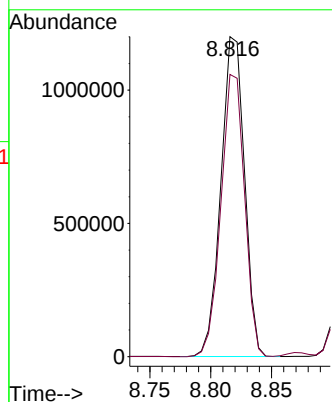
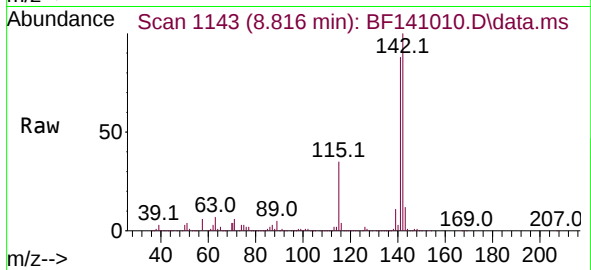




#37
2-Methylnaphthalene
Concen: 50.683 ng
RT: 8.816 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

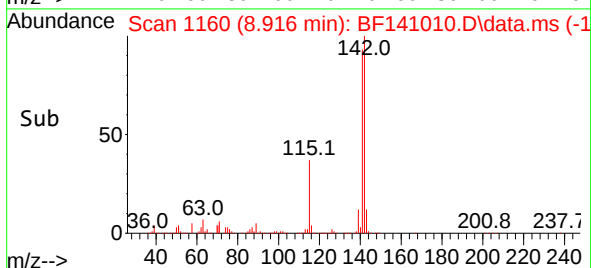
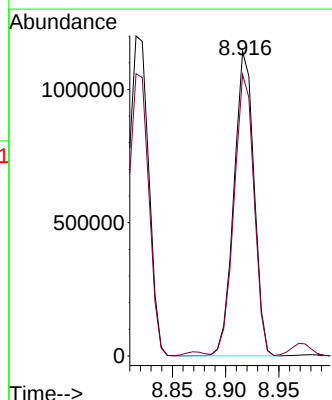
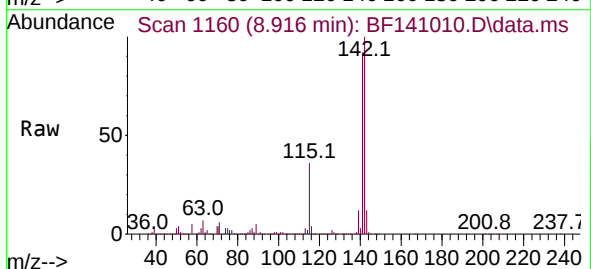
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

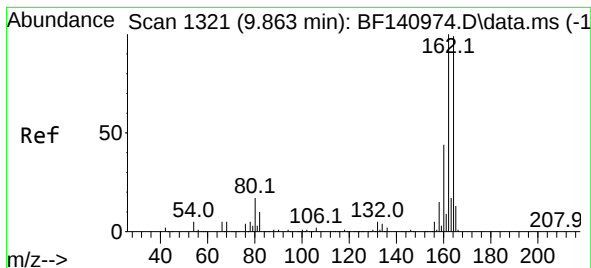
Tgt Ion:142 Resp: 1619323
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7



#38
1-Methylnaphthalene
Concen: 47.830 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:142 Resp: 1501869
Ion Ratio Lower Upper
142 100
141 92.3 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

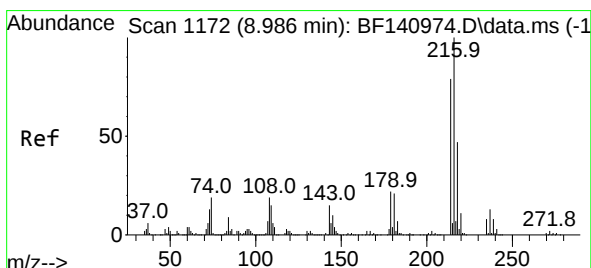
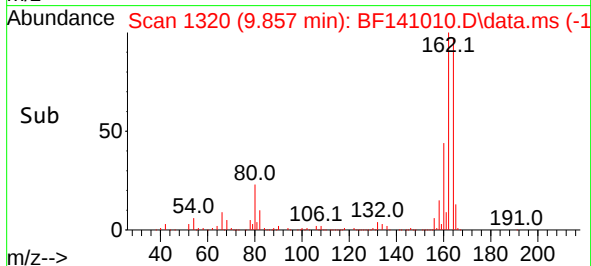
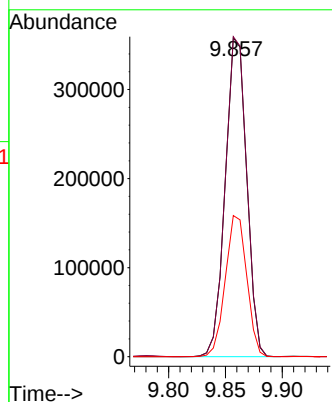
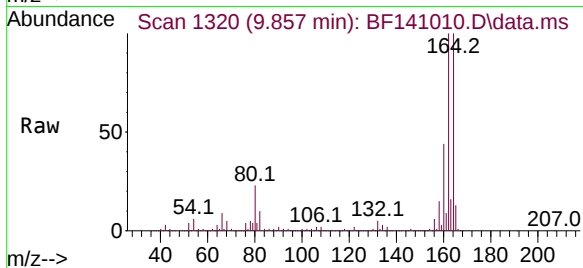
Tgt Ion:164 Resp: 470653

Ion Ratio Lower Upper

164 100

162 100.3 80.6 120.8

160 44.3 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.926 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Tgt Ion:216 Resp: 711189

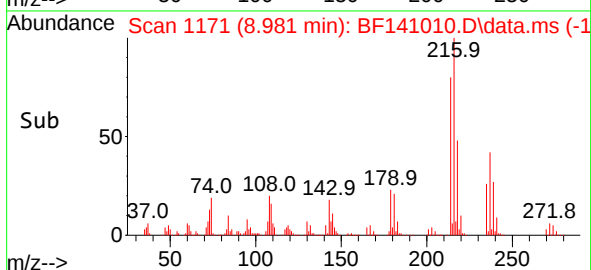
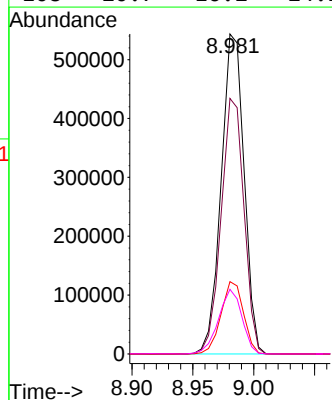
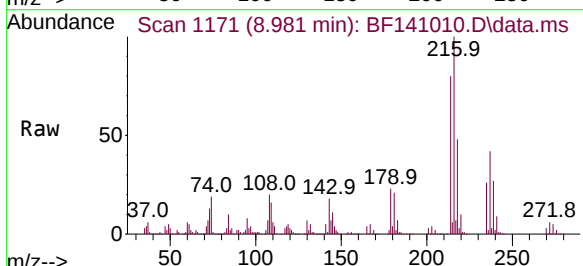
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 22.2 17.9 26.9

108 20.7 16.2 24.2

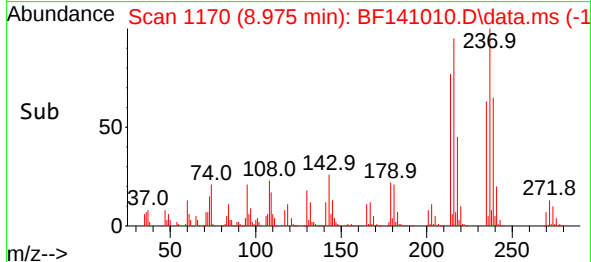
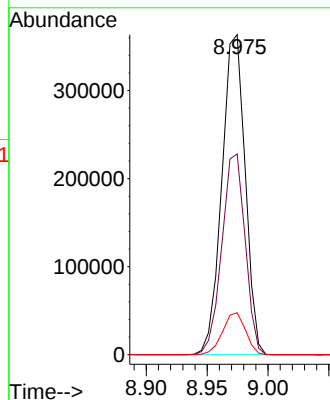
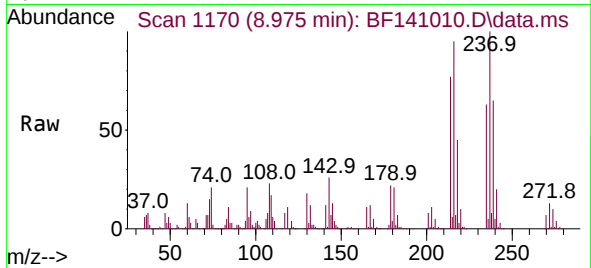




#41
Hexachlorocyclopentadiene
Concen: 113.023 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

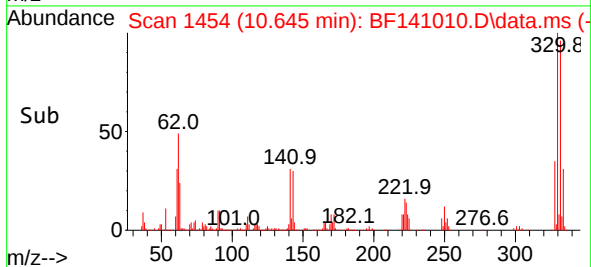
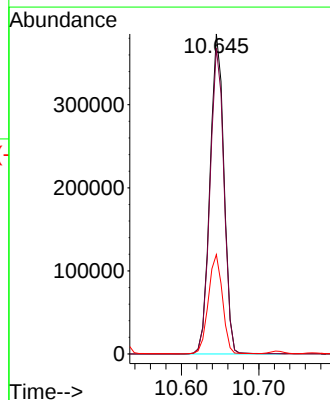
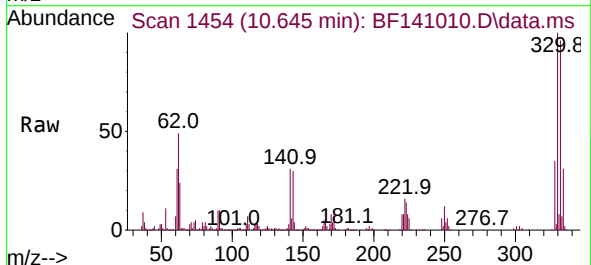
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

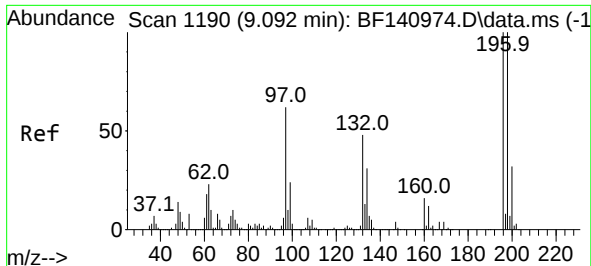
Tgt Ion:237 Resp: 484969
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 105.280 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:330 Resp: 481486
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 31.3 26.4 39.6





#43

2,4,6-Trichlorophenol

Concen: 56.752 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

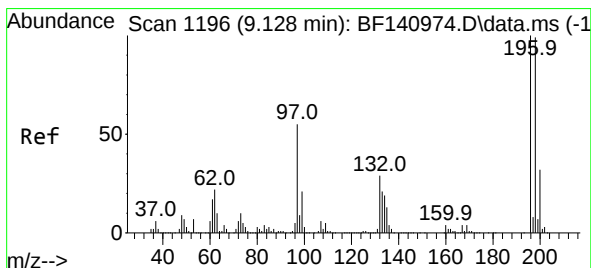
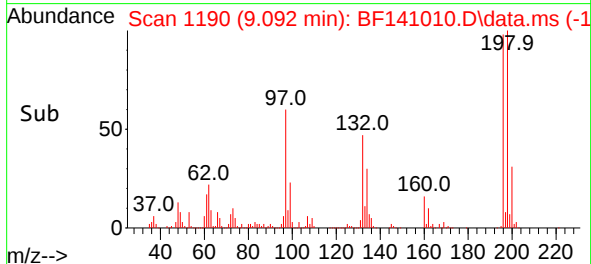
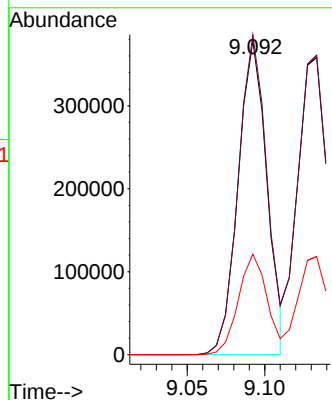
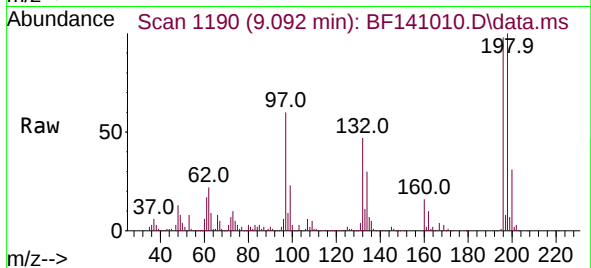
Tgt Ion:196 Resp: 489073

Ion Ratio Lower Upper

196 100

198 102.0 80.2 120.4

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 54.681 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Tgt Ion:196 Resp: 482152

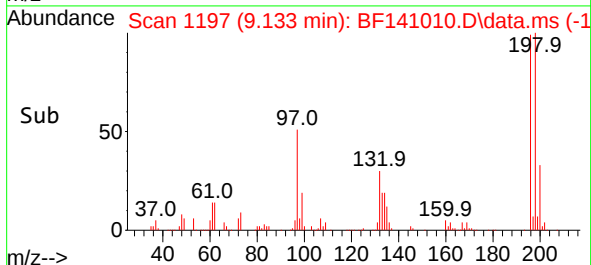
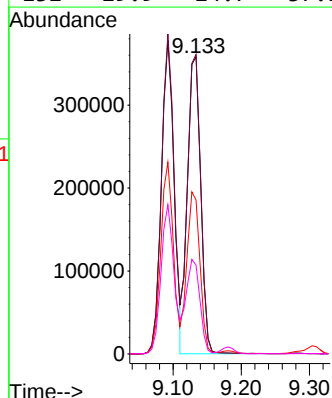
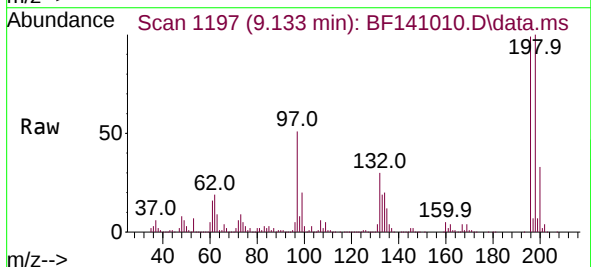
Ion Ratio Lower Upper

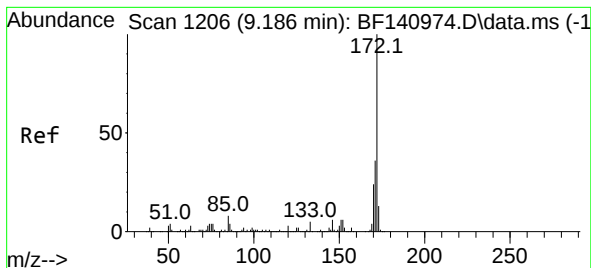
196 100

198 100.7 79.9 119.9

97 51.8 44.3 66.5

132 29.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 72.824 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

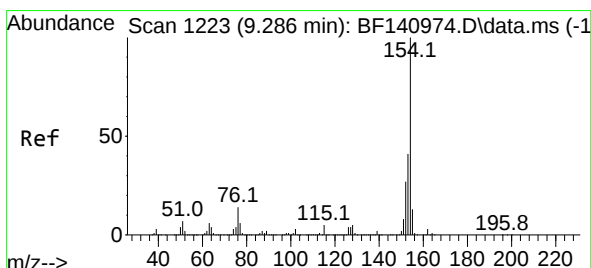
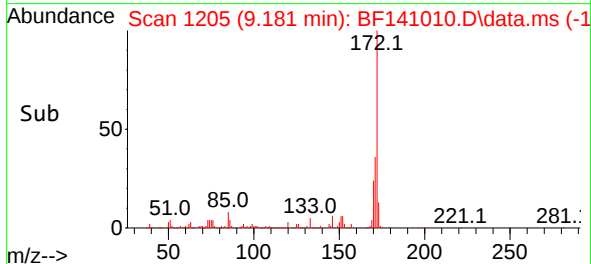
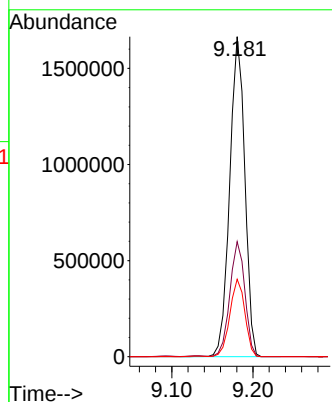
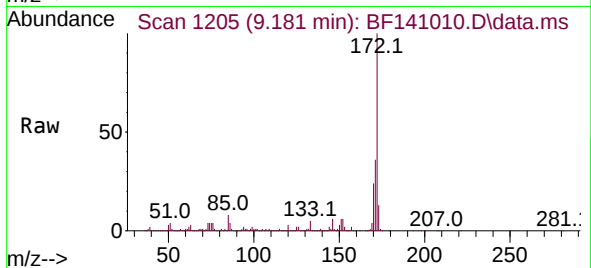
Tgt Ion:172 Resp: 2151269

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 24.2 19.6 29.4



#46

1,1'-Biphenyl

Concen: 53.437 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.005 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

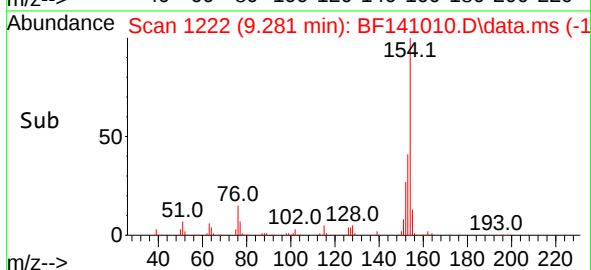
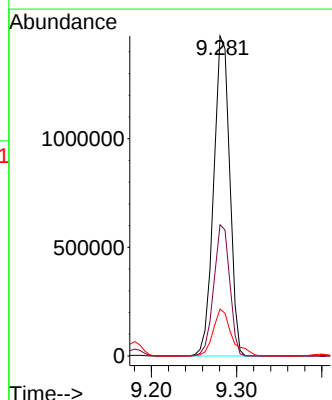
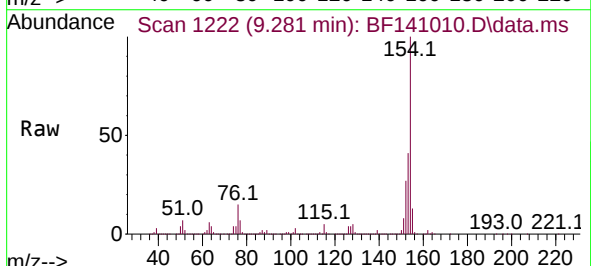
Tgt Ion:154 Resp: 1925737

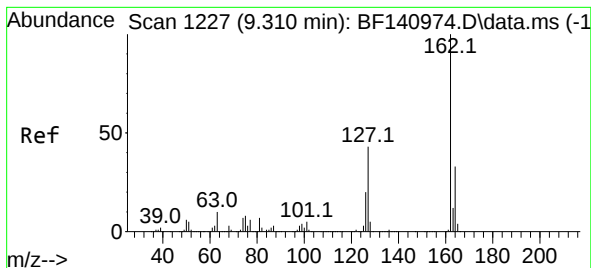
Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

76 14.7 0.0 34.0





#47

2-Chloronaphthalene

Concen: 51.796 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

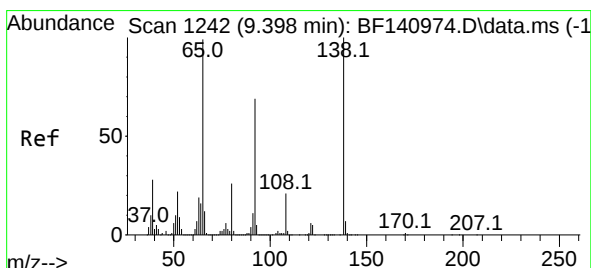
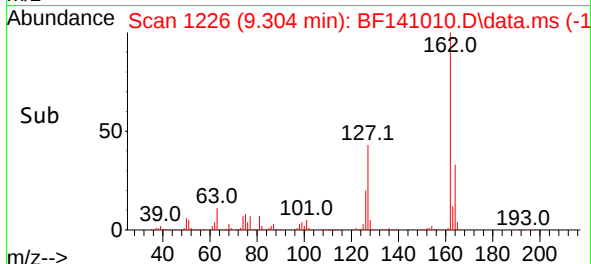
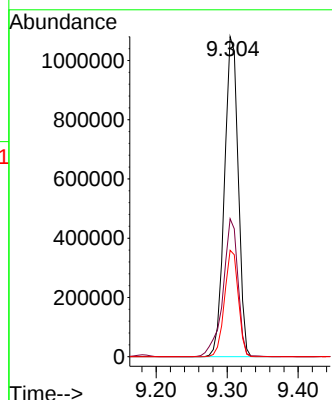
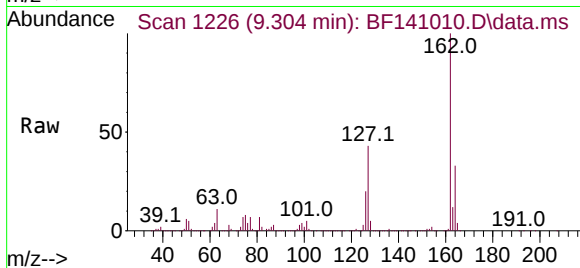
Tgt Ion:162 Resp: 1447674

Ion Ratio Lower Upper

162 100

127 43.1 34.2 51.4

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 60.722 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

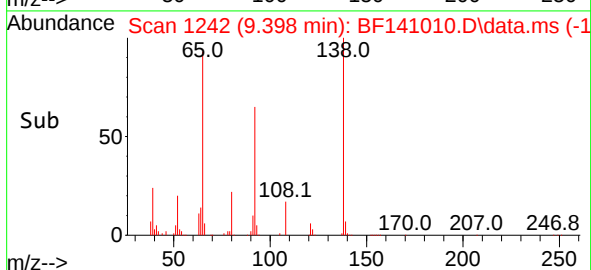
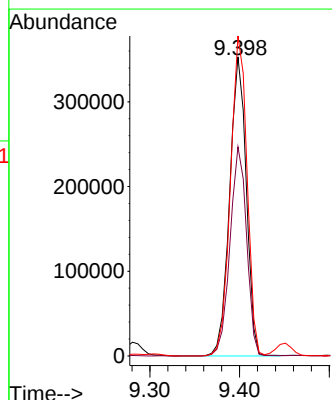
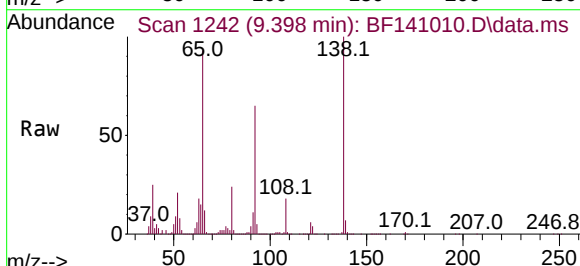
Tgt Ion: 65 Resp: 453950

Ion Ratio Lower Upper

65 100

92 69.9 55.6 83.4

138 107.0 80.5 120.7

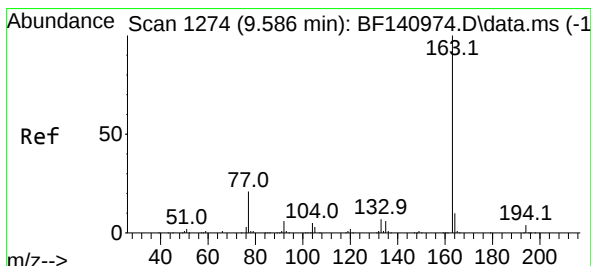
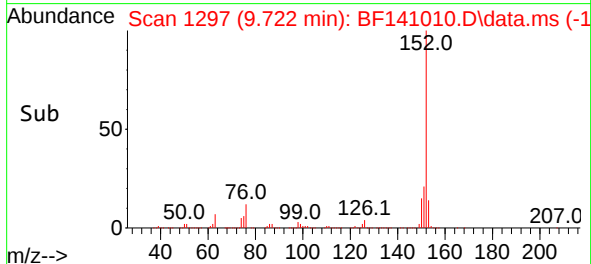
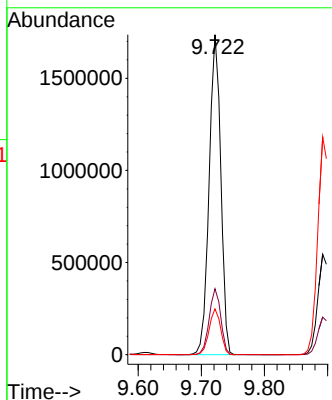
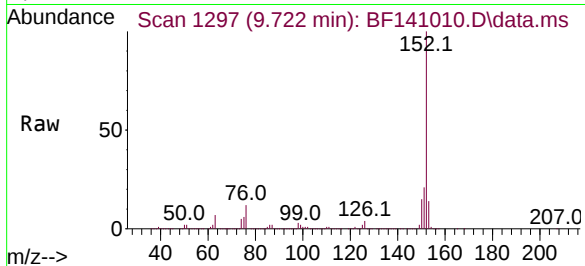




#49
Acenaphthylene
Concen: 55.079 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

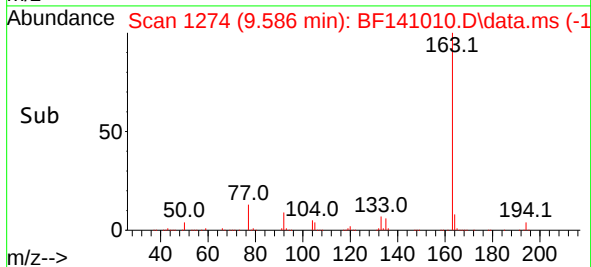
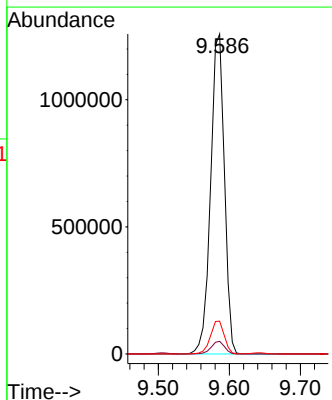
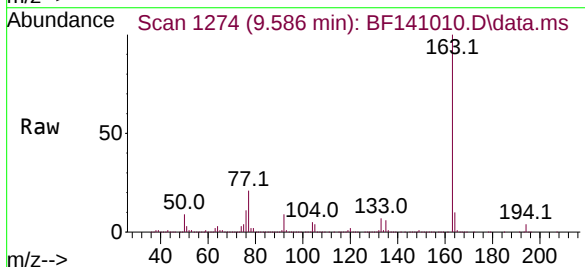
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

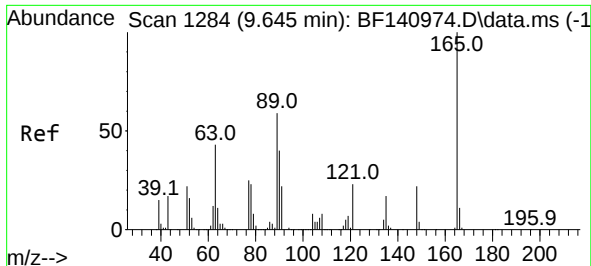
Tgt Ion:152 Resp: 2216087
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 14.3 11.4 17.0



#50
Dimethylphthalate
Concen: 54.824 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:163 Resp: 1697243
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.3 12.5

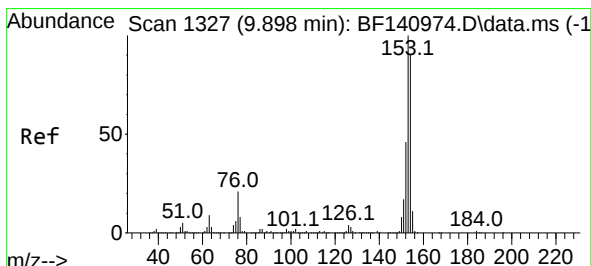
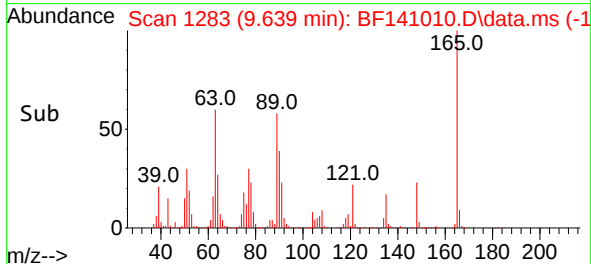
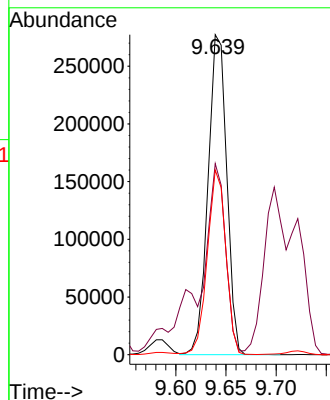
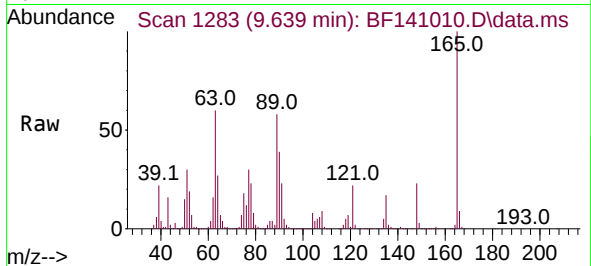




#51
2,6-Dinitrotoluene
Concen: 56.571 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

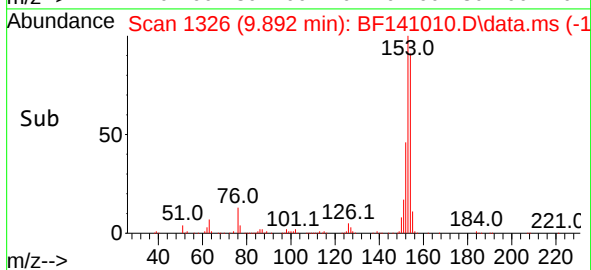
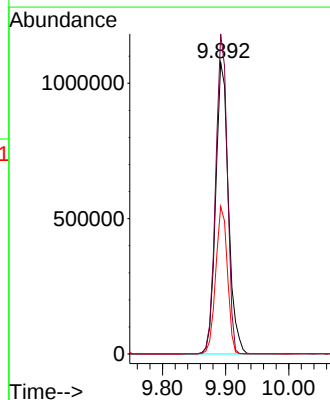
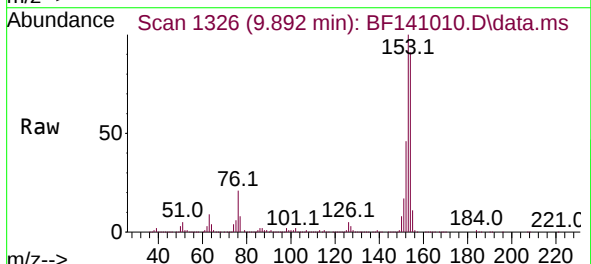
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

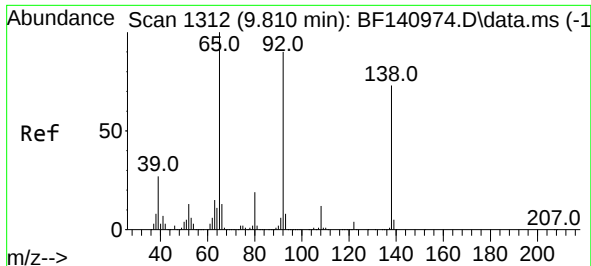
Tgt Ion:165 Resp: 361618
Ion Ratio Lower Upper
165 100
63 59.7 47.1 70.7
89 57.7 47.0 70.4



#52
Acenaphthene
Concen: 55.655 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:154 Resp: 1513842
Ion Ratio Lower Upper
154 100
153 109.8 89.2 133.8
152 50.6 40.9 61.3

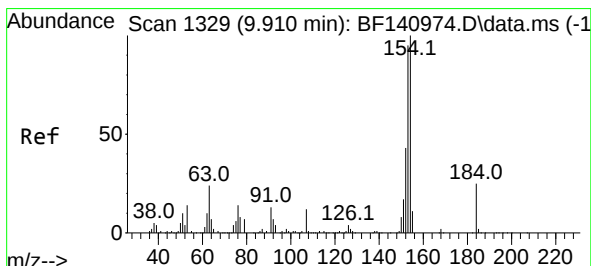
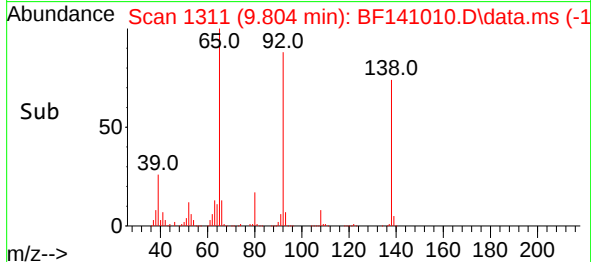
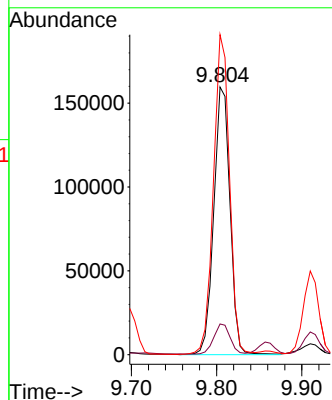
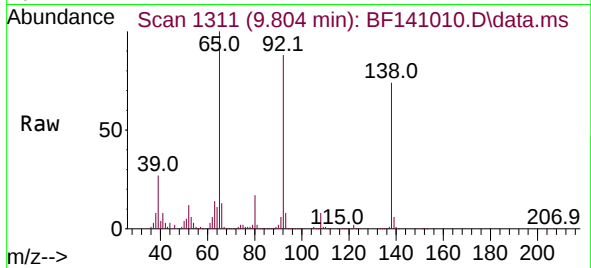




#53
3-Nitroaniline
Concen: 31.974 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

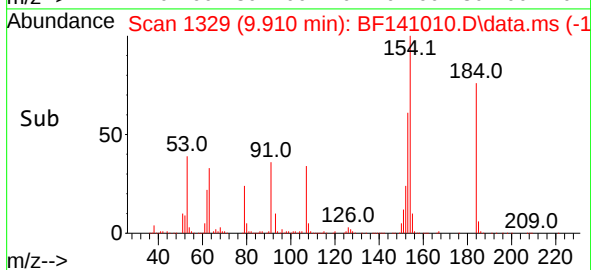
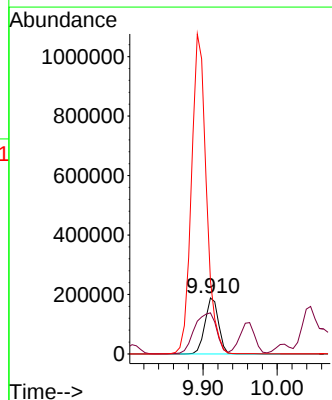
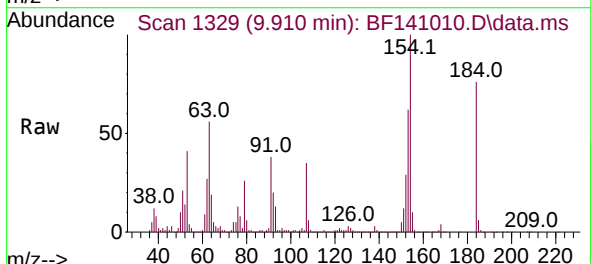
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

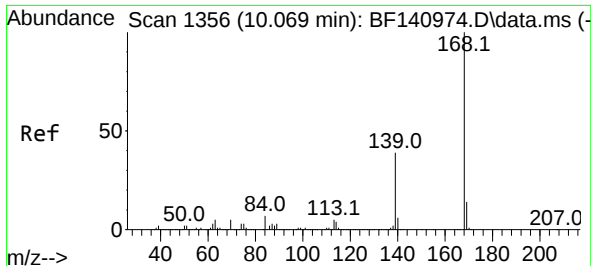
Tgt Ion:138 Resp: 211497
Ion Ratio Lower Upper
138 100
108 11.5 13.5 20.3#
92 119.5 97.7 146.5



#54
2,4-Dinitrophenol
Concen: 90.210 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:184 Resp: 240023
Ion Ratio Lower Upper
184 100
63 73.3 81.6 122.4#
154 131.3 363.5 545.3#

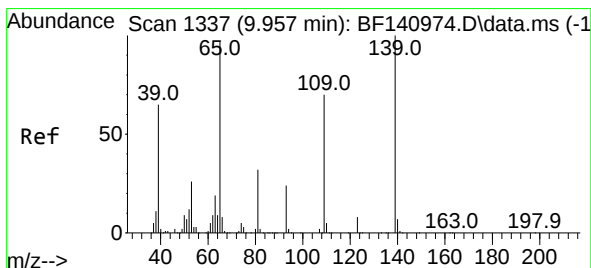
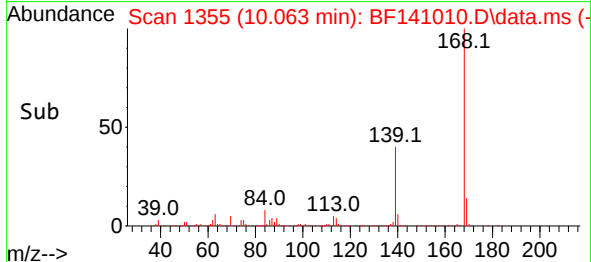
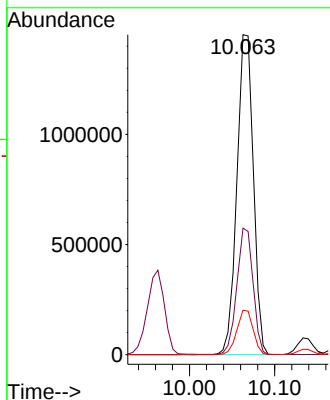
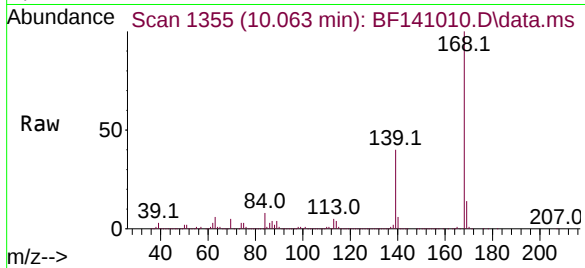




#55
Dibenzenofuran
Concen: 51.022 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

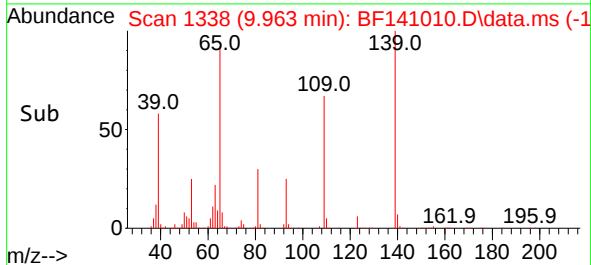
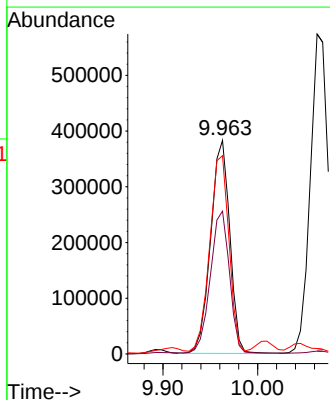
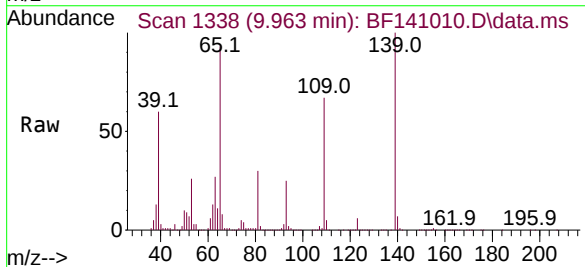
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

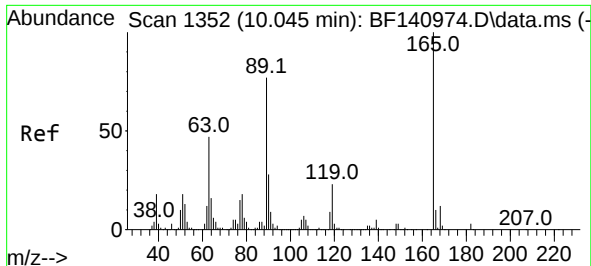
Tgt Ion:168 Resp: 1950405
Ion Ratio Lower Upper
168 100
139 39.5 31.6 47.4
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 101.386 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:139 Resp: 536898
Ion Ratio Lower Upper
139 100
109 66.9 50.8 90.8
65 92.8 78.5 118.5

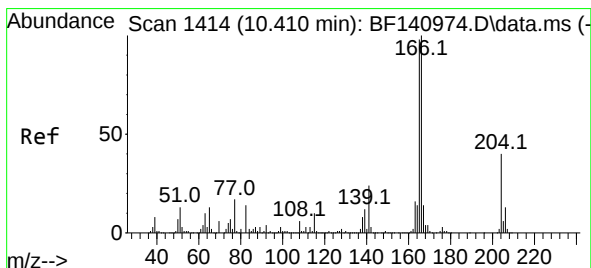
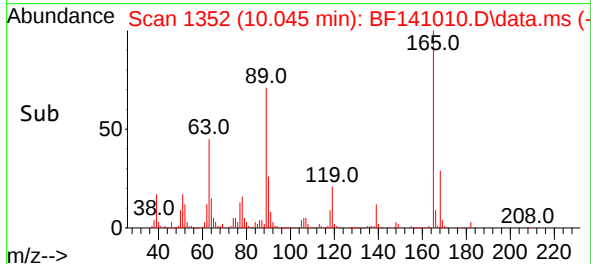
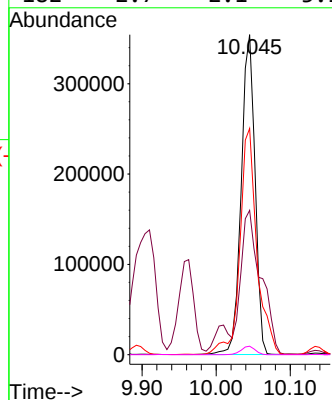
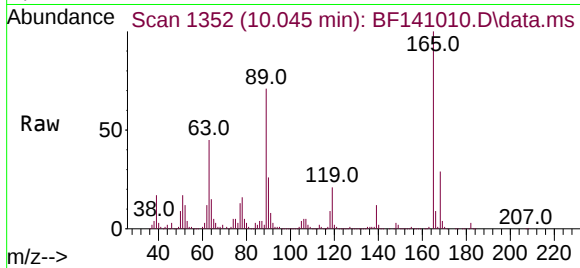




#57
2,4-Dinitrotoluene
Concen: 58.185 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

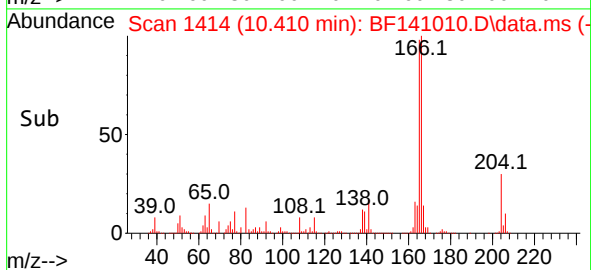
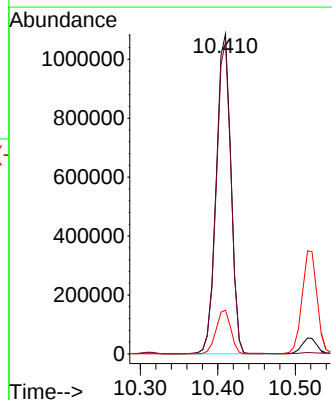
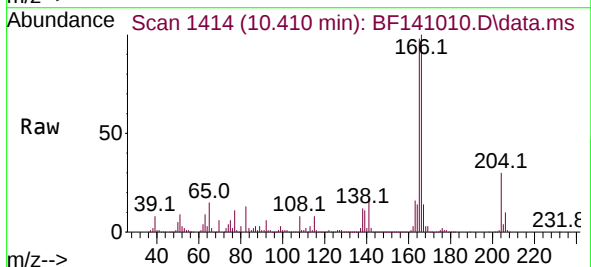
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

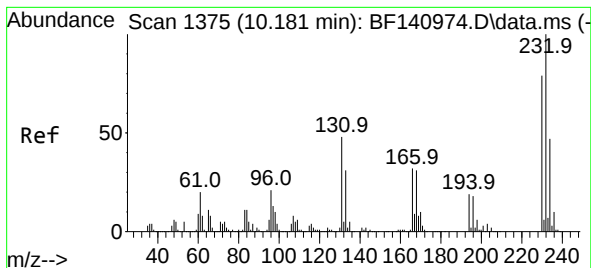
Tgt Ion:165 Resp: 457659
Ion Ratio Lower Upper
165 100
63 45.1 38.1 57.1
89 70.7 61.4 92.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.209 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:166 Resp: 1429042
Ion Ratio Lower Upper
166 100
165 97.5 78.3 117.5
167 13.7 10.9 16.3

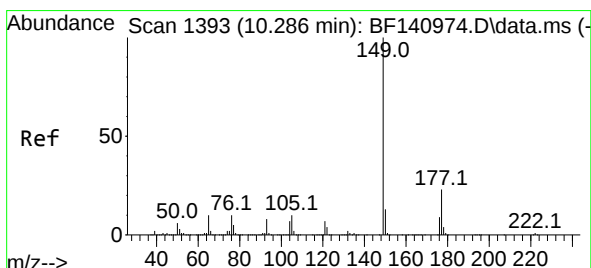
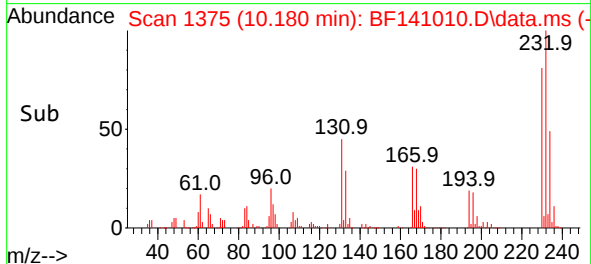
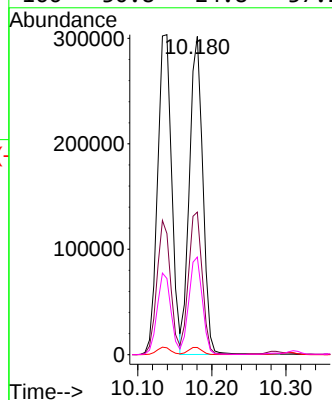
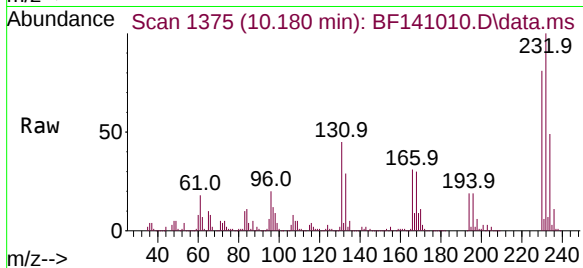




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.957 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

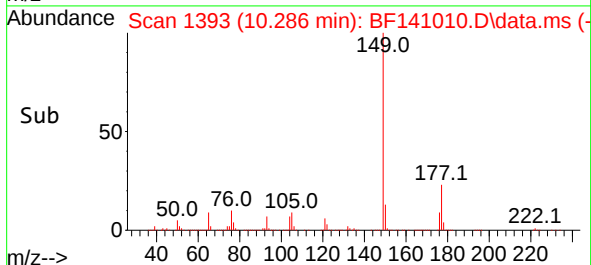
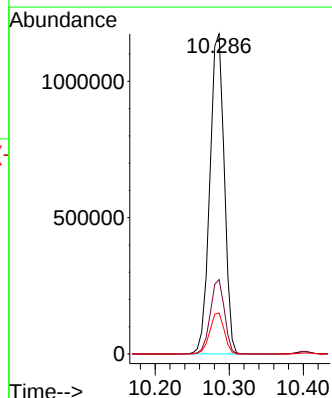
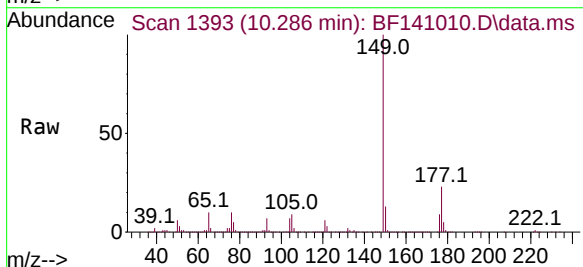
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

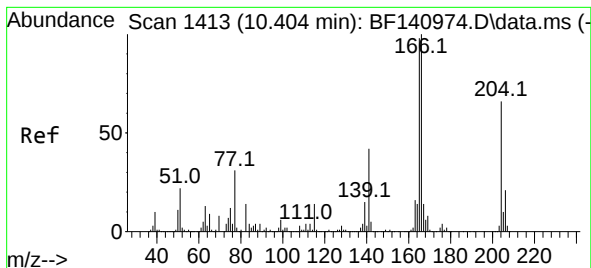
Tgt Ion:232 Resp: 379427
Ion Ratio Lower Upper
232 100
131 46.0 37.4 56.2
130 2.4 1.8 2.8
166 30.8 24.8 37.2



#60
Diethylphthalate
Concen: 51.869 ng
RT: 10.286 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:149 Resp: 1585267
Ion Ratio Lower Upper
149 100
177 23.3 18.3 27.5
150 12.8 10.4 15.6

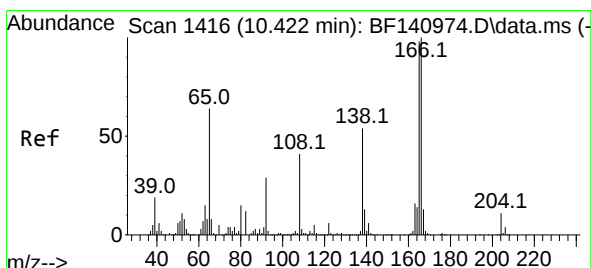
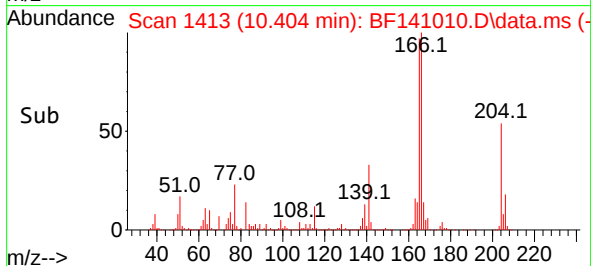
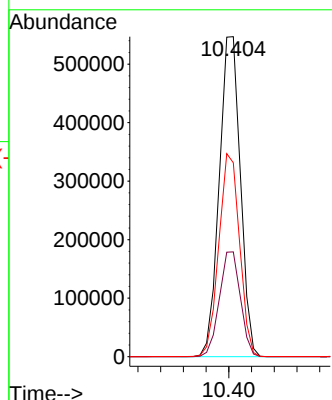
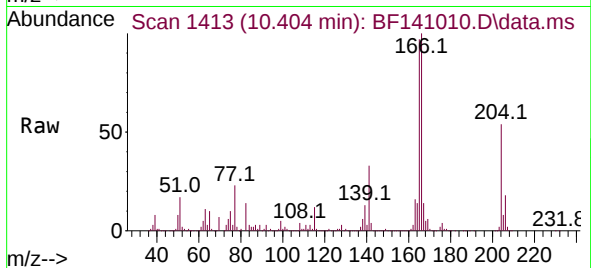




#61
4-Chlorophenyl-phenylether
Concen: 49.604 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

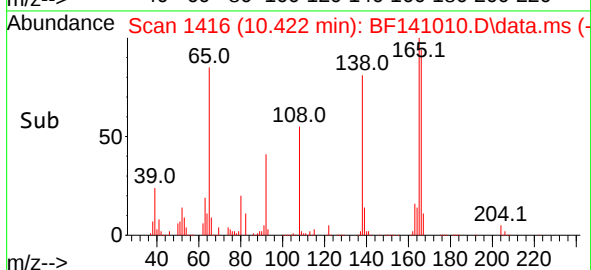
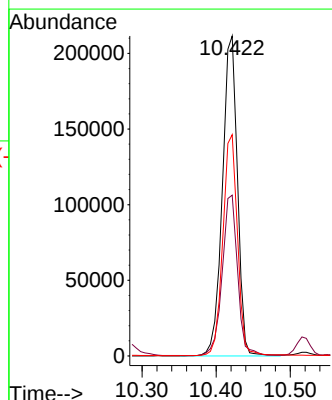
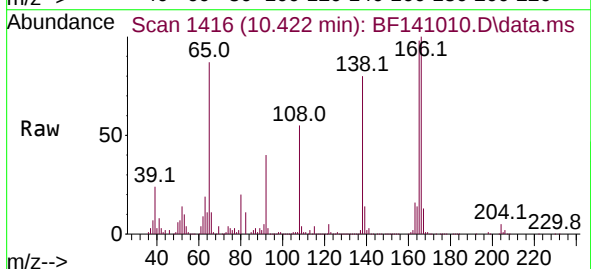
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

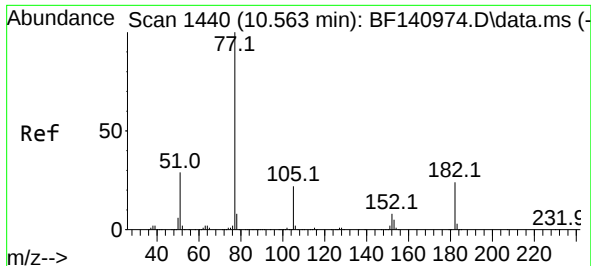
Tgt Ion:204 Resp: 707519
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 60.6 51.2 76.8



#62
4-Nitroaniline
Concen: 43.864 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:138 Resp: 298741
Ion Ratio Lower Upper
138 100
92 50.3 34.8 74.8
108 69.1 55.9 95.9

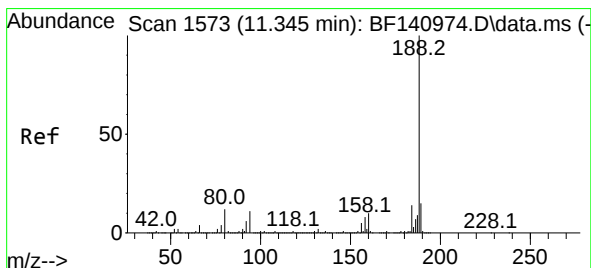
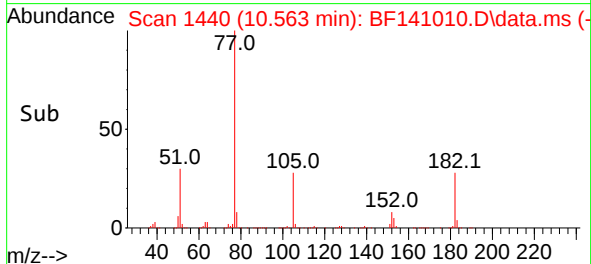
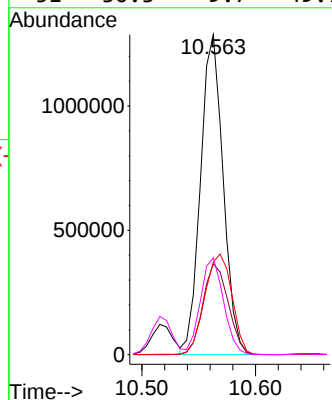
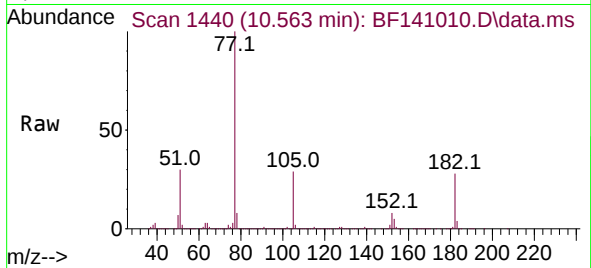




#63
Azobenzene
Concen: 55.434 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

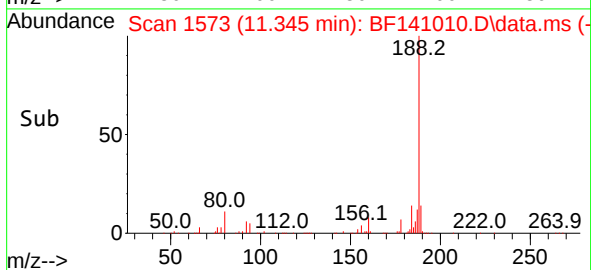
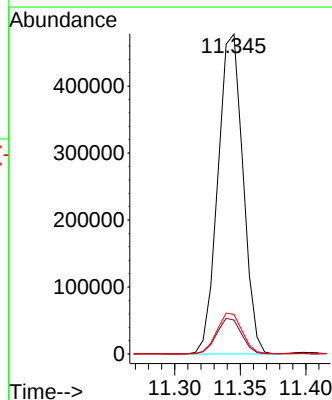
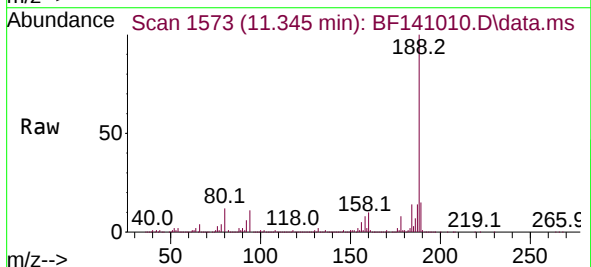
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Tgt Ion: 77 Resp: 1778277
Ion Ratio Lower Upper
77 100
182 28.4 4.1 44.1
105 28.9 1.8 41.8
51 30.3 9.7 49.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:188 Resp: 634268
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.6
80 12.4 9.8 14.6

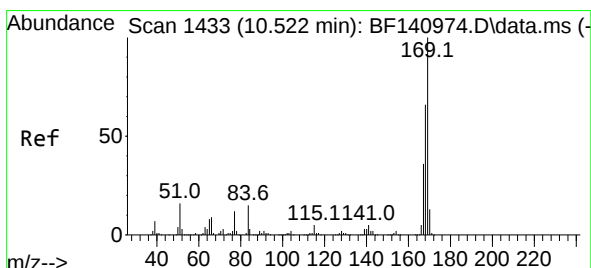
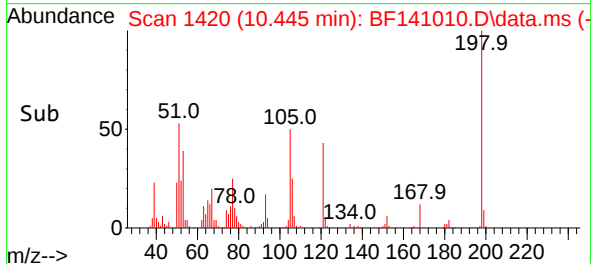
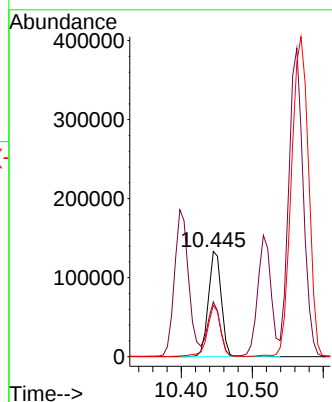
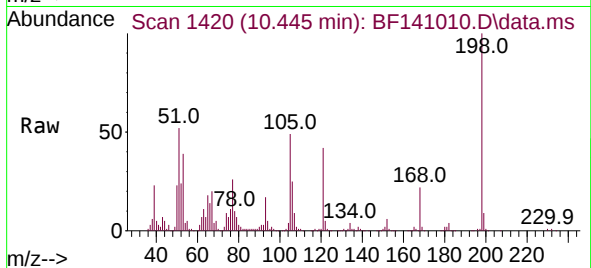




#65
4,6-Dinitro-2-methylphenol
Concen: 63.066 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

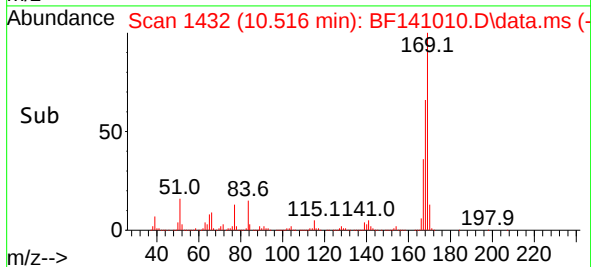
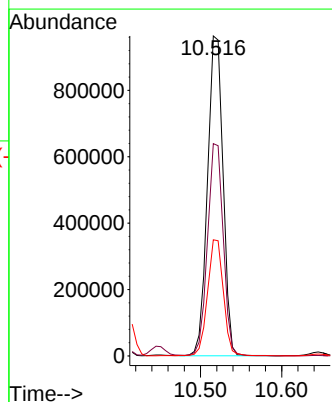
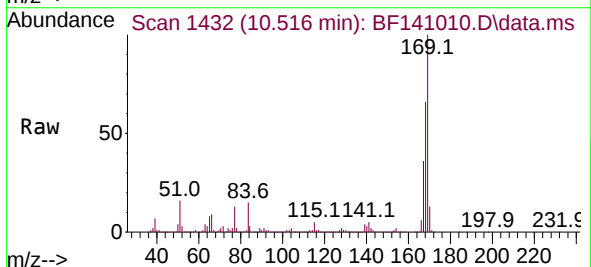
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

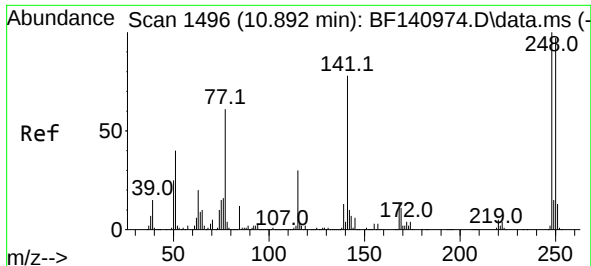
Tgt Ion:198 Resp: 168696
Ion Ratio Lower Upper
198 100
51 52.1 32.3 72.3
105 48.8 28.4 68.4



#66
n-Nitrosodiphenylamine
Concen: 63.998 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:169 Resp: 1278233
Ion Ratio Lower Upper
169 100
168 66.4 52.6 79.0
167 36.3 29.0 43.4

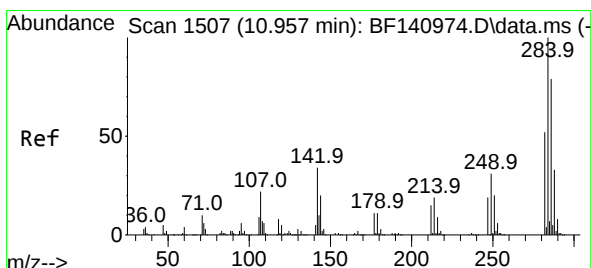
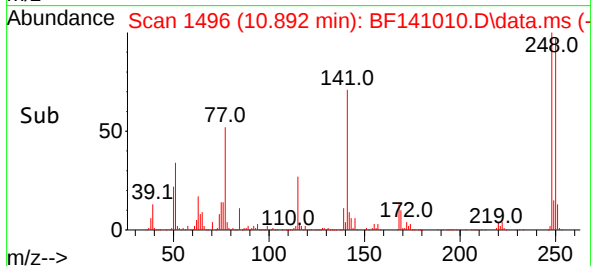
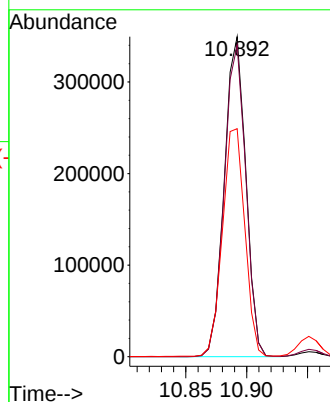
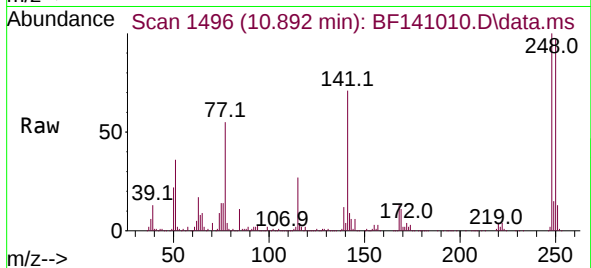




#67
4-Bromophenyl-phenylether
Concen: 62.819 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

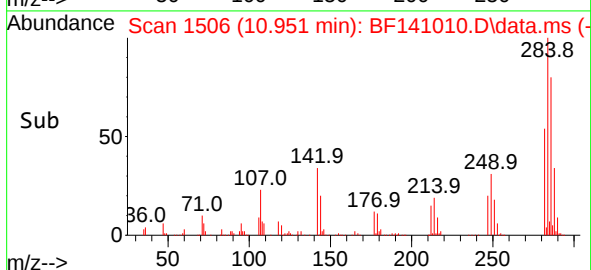
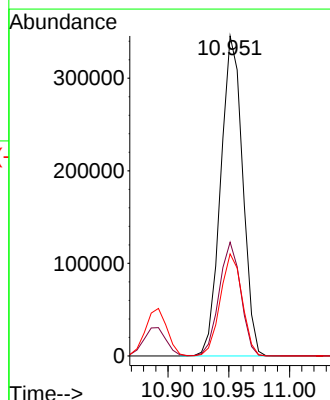
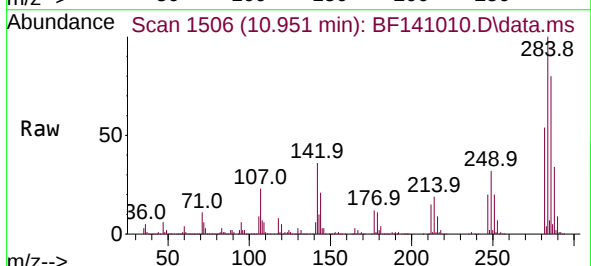
Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

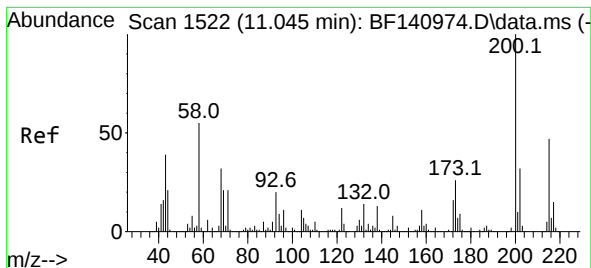
Tgt Ion:248 Resp: 430720
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 71.3 62.1 93.1



#68
Hexachlorobenzene
Concen: 57.335 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141010.D
Acq: 27 Dec 2024 21:17

Tgt Ion:284 Resp: 433475
Ion Ratio Lower Upper
284 100
142 35.6 27.1 40.7
249 31.9 25.1 37.7





#69

Atrazine

Concen: 72.592 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

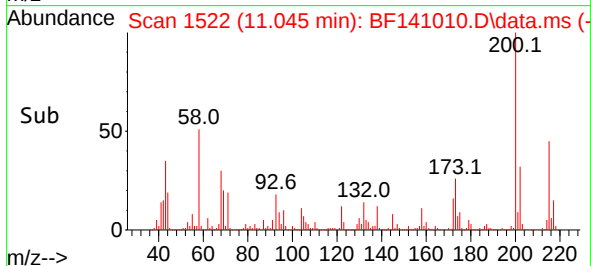
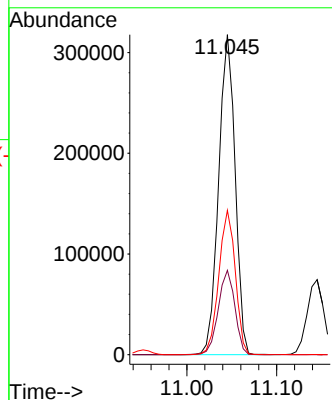
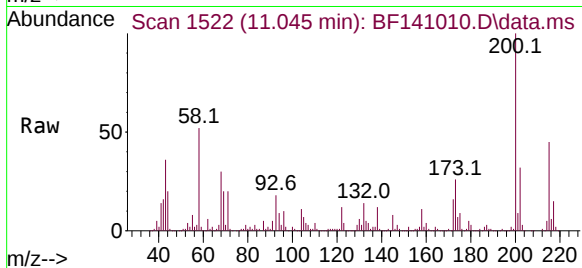
Tgt Ion:200 Resp: 405050

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 45.1 27.2 67.2



#70

Pentachlorophenol

Concen: 108.519 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

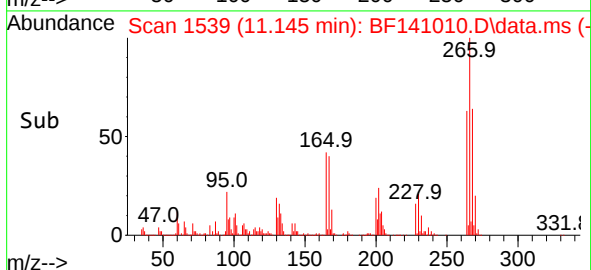
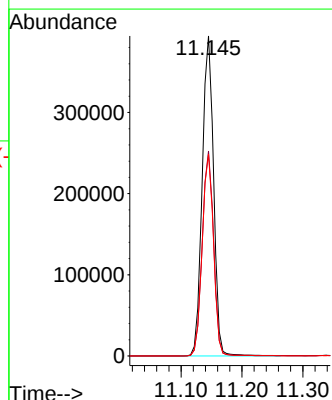
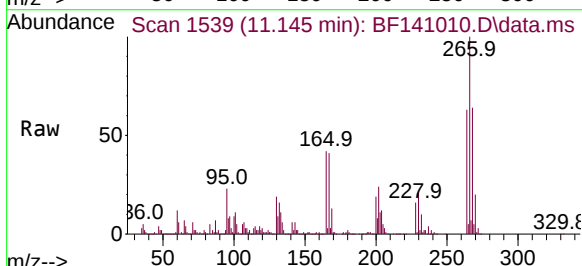
Tgt Ion:266 Resp: 510819

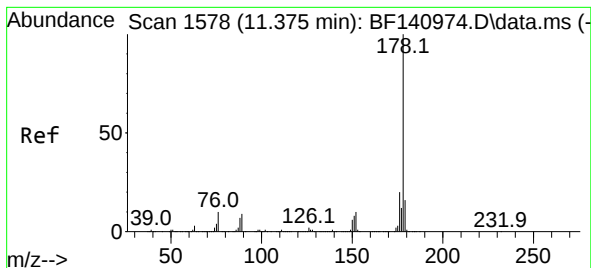
Ion Ratio Lower Upper

266 100

268 64.1 50.5 75.7

264 63.1 50.2 75.4





#71

Phenanthrene

Concen: 61.889 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

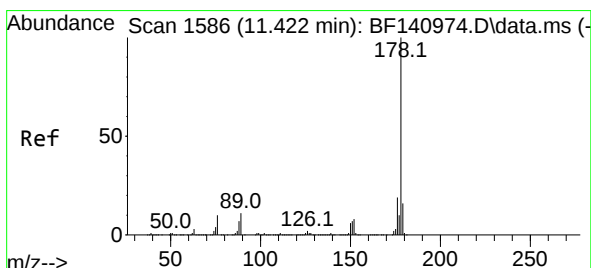
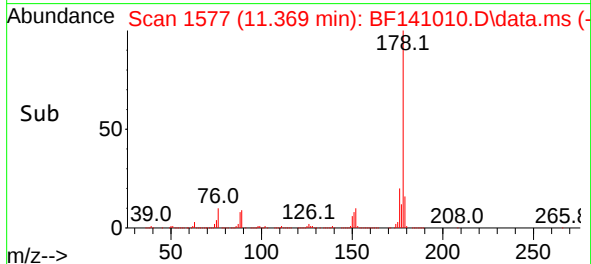
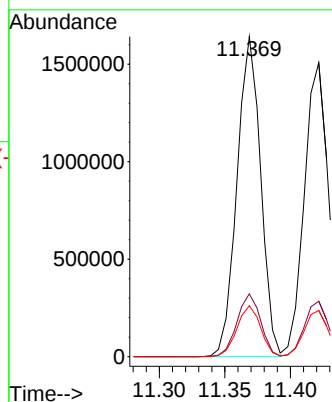
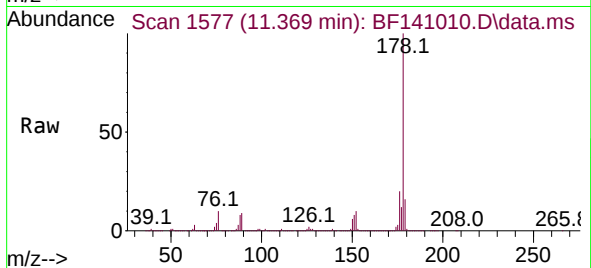
Tgt Ion:178 Resp: 2065974

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 16.0 12.6 19.0



#72

Anthracene

Concen: 58.207 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

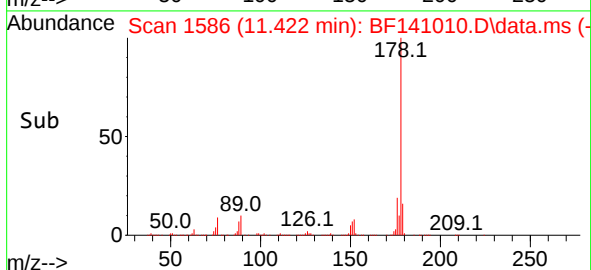
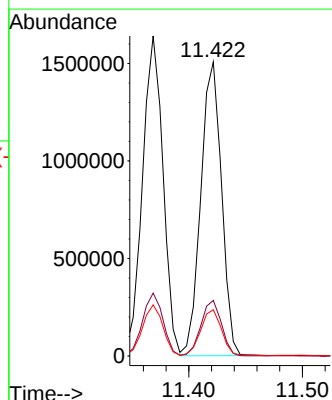
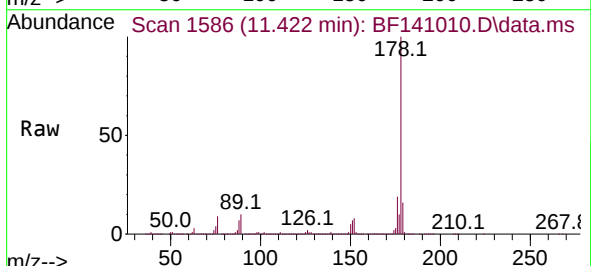
Tgt Ion:178 Resp: 1903959

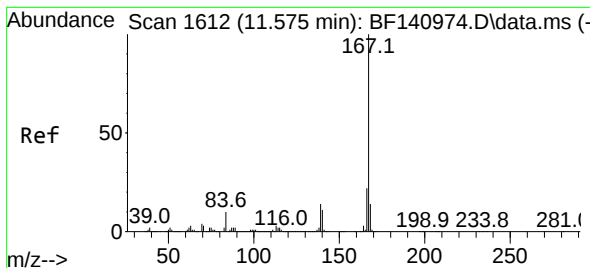
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.9 19.3





#73

Carbazole

Concen: 50.850 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

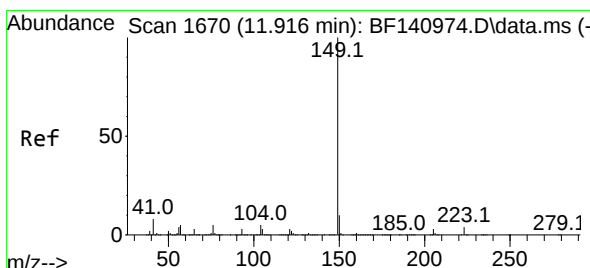
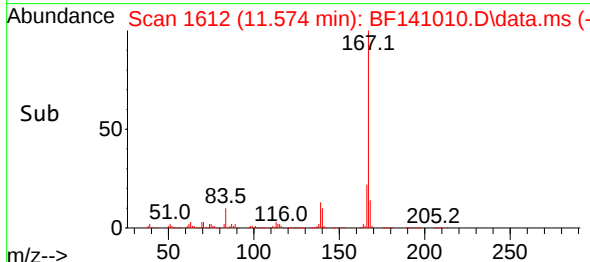
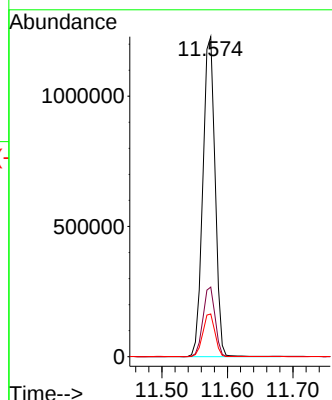
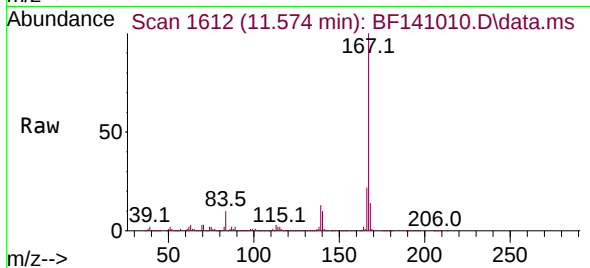
BNA_F

ClientSampleId :

VNJ210MSD

Tgt Ion:167 Resp: 1598994

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.3	11.0	16.4



#74

Di-n-butylphthalate

Concen: 56.650 ng

RT: 11.910 min Scan# 1669

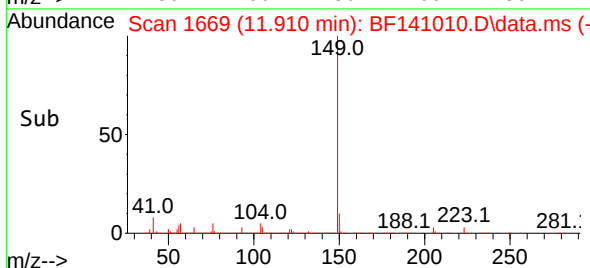
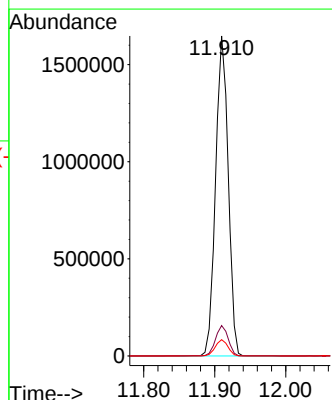
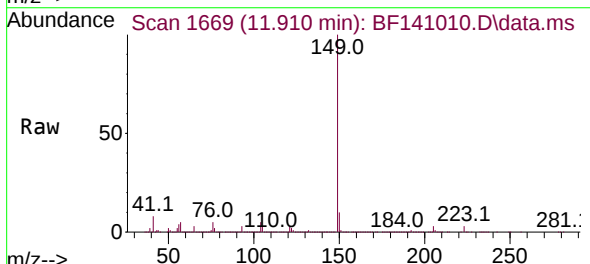
Delta R.T. -0.006 min

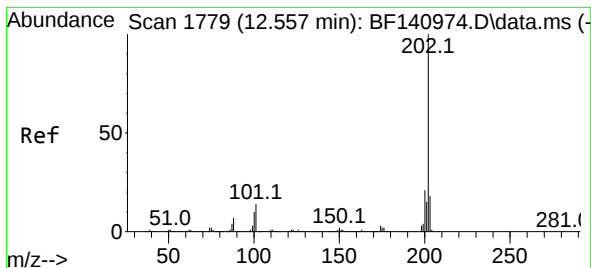
Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Tgt Ion:149 Resp: 2026128

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 60.199 ng

RT: 12.557 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

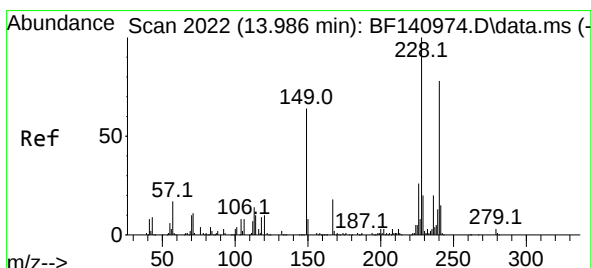
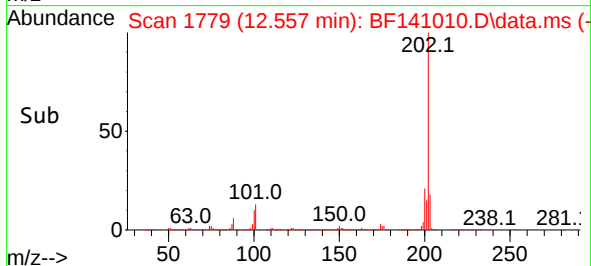
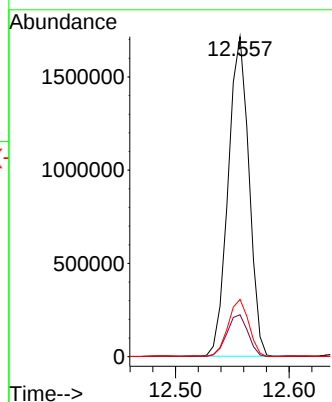
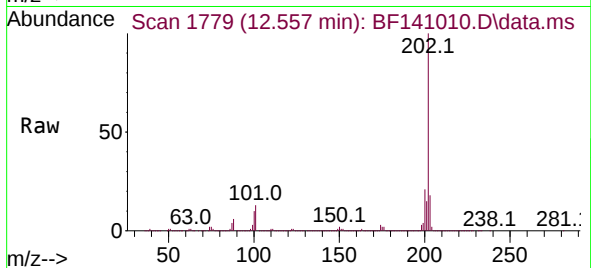
Tgt Ion:202 Resp: 2179507

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.7

203 17.9 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

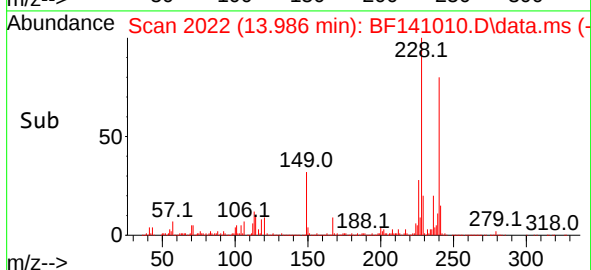
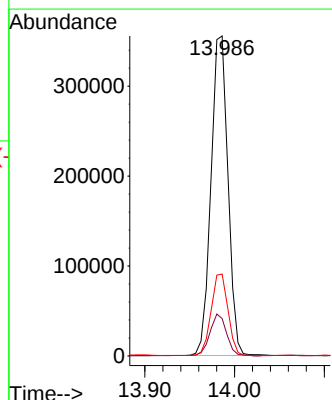
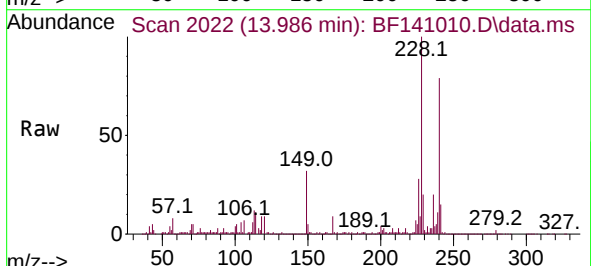
Tgt Ion:240 Resp: 466583

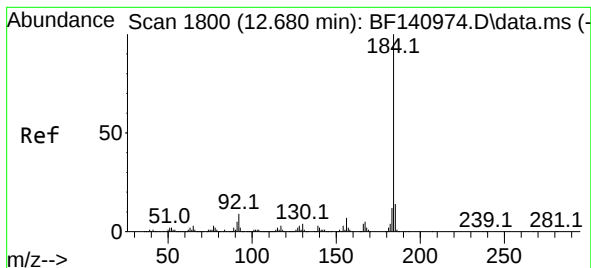
Ion Ratio Lower Upper

240 100

120 11.7 10.7 16.1

236 25.6 20.6 31.0





#77

Benzidine

Concen: 43.122 ng

RT: 12.674 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

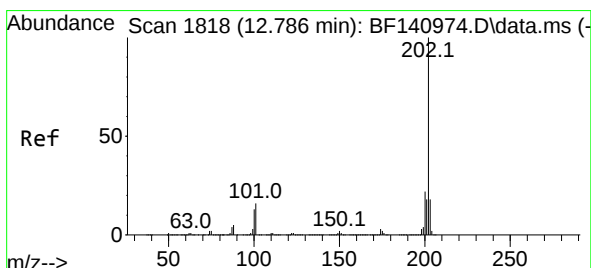
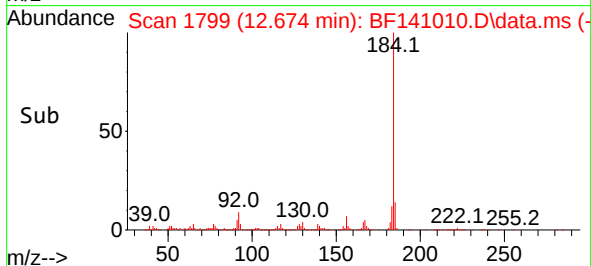
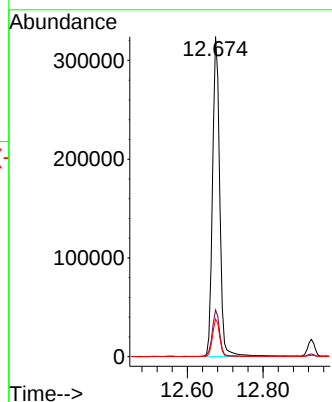
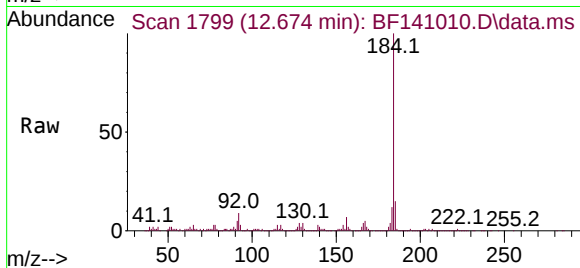
Tgt Ion:184 Resp: 425214

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.2

183 11.8 9.4 14.0



#78

Pyrene

Concen: 55.446 ng

RT: 12.786 min Scan# 1818

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

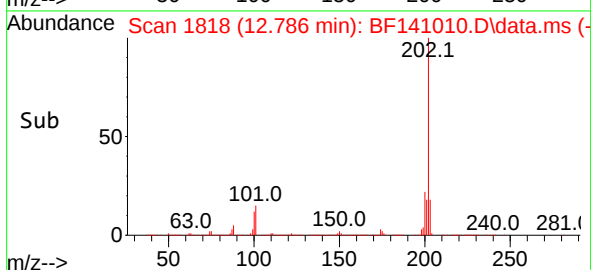
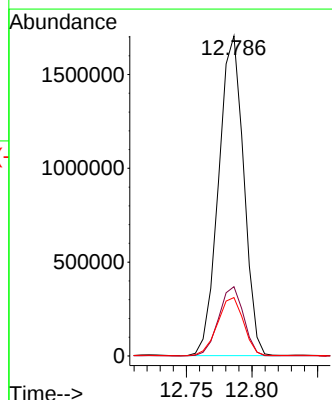
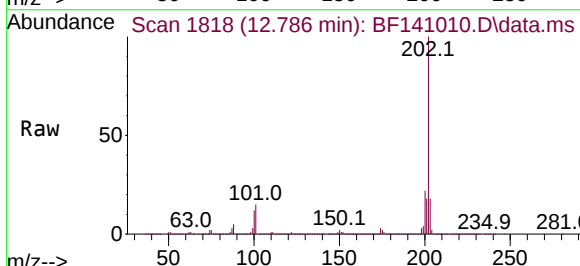
Tgt Ion:202 Resp: 2262545

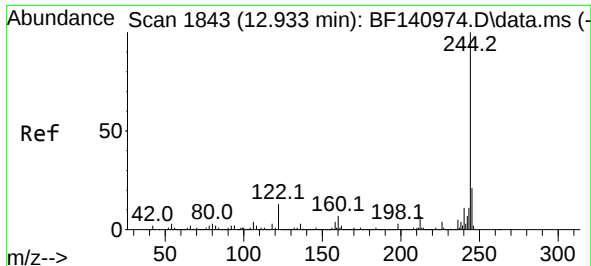
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 18.2 14.6 21.8

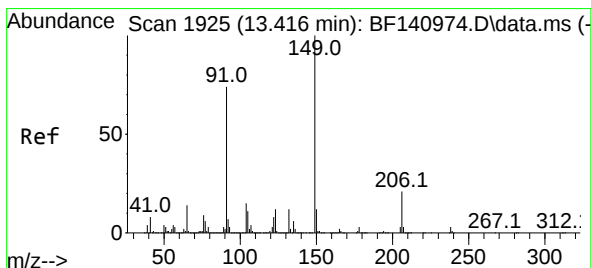
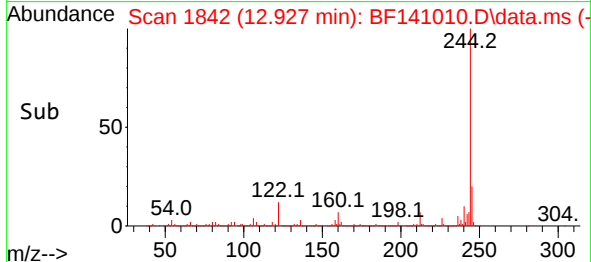
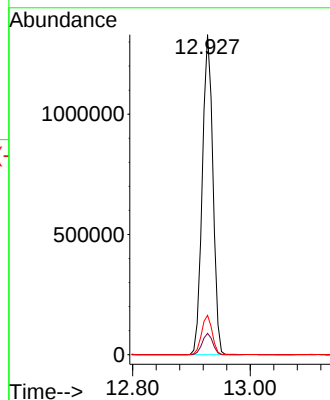
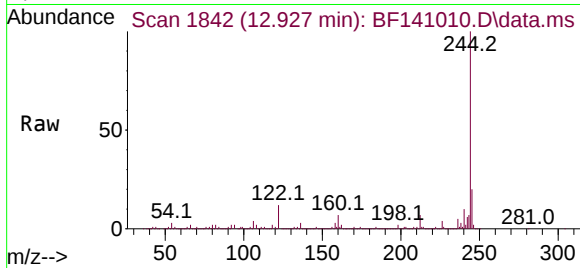




#79
 Terphenyl-d14
 Concen: 59.160 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141010.D
 Acq: 27 Dec 2024 21:17

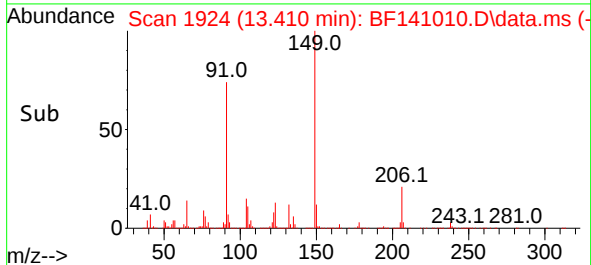
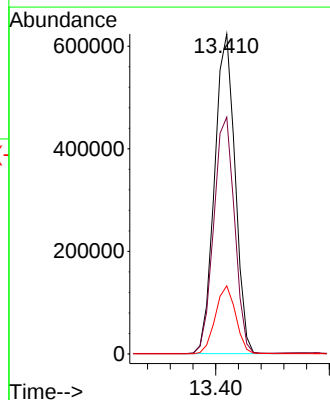
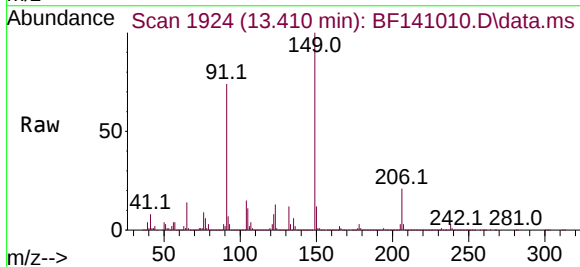
Instrument :
 BNA_F
 ClientSampleId :
 VNJ210MSD

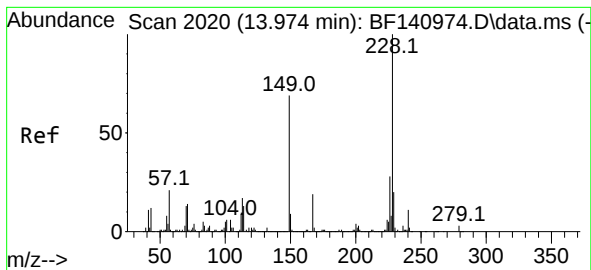
Tgt Ion:244 Resp: 1661845
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 12.3 10.2 15.2



#80
 Butylbenzylphthalate
 Concen: 52.483 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BF141010.D
 Acq: 27 Dec 2024 21:17

Tgt Ion:149 Resp: 782026
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.5 89.3
 206 21.3 17.1 25.7





#81

Benzo(a)anthracene

Concen: 58.956 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

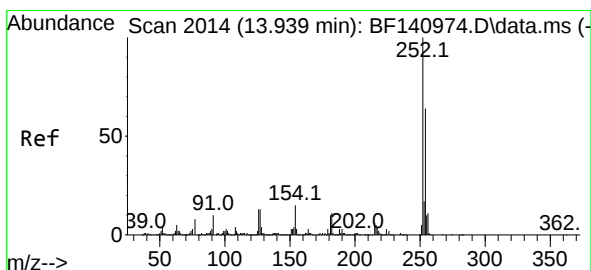
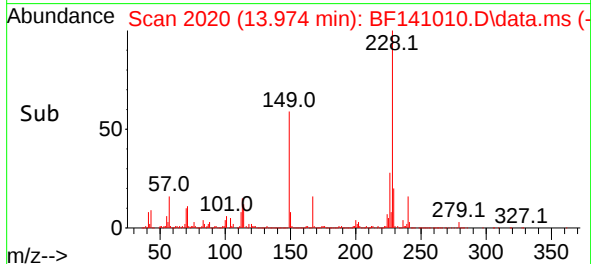
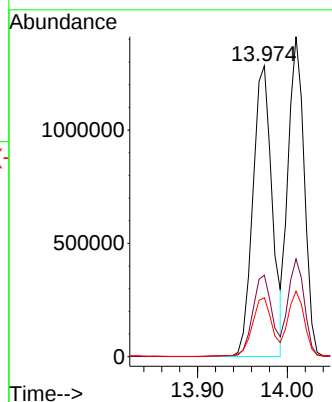
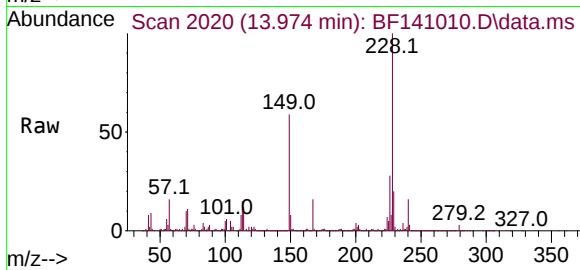
Tgt Ion:228 Resp: 1917148

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 29.952 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

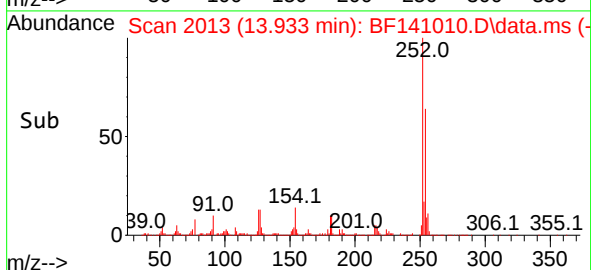
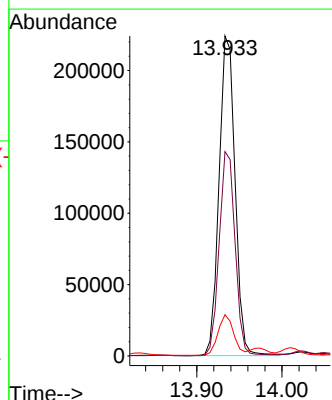
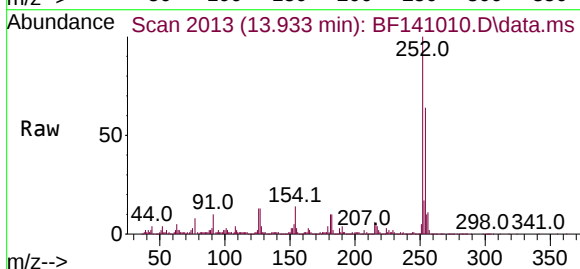
Tgt Ion:252 Resp: 292628

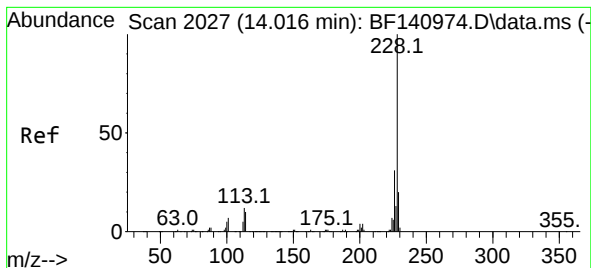
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 12.9 10.3 15.5





#83

Chrysene

Concen: 59.676 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

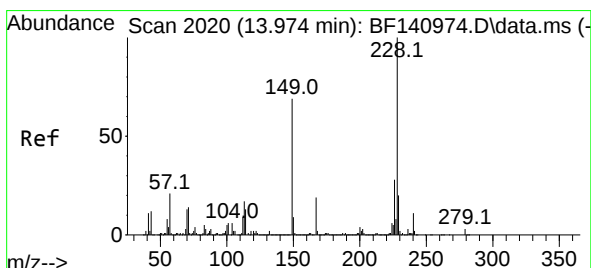
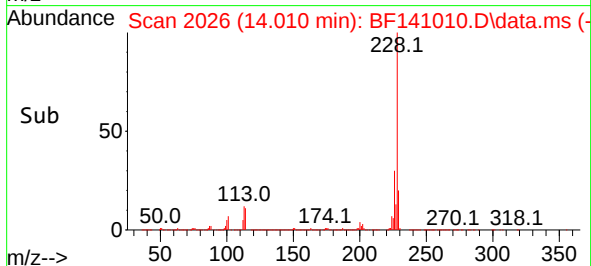
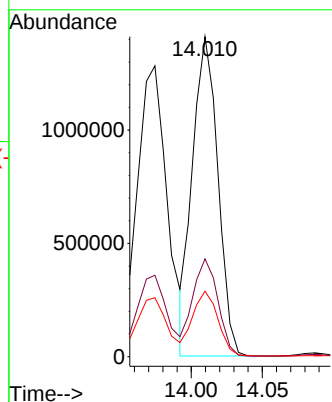
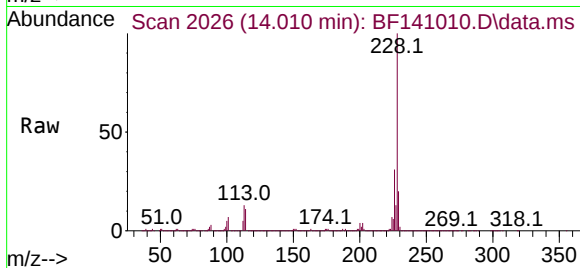
Tgt Ion:228 Resp: 1749338

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.5 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.538 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

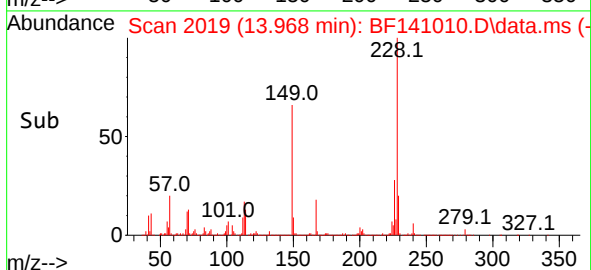
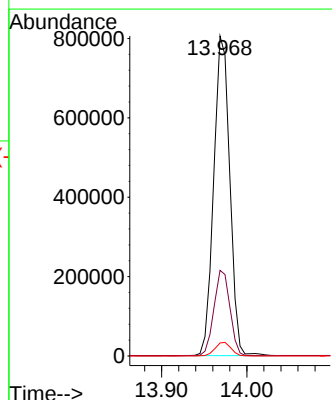
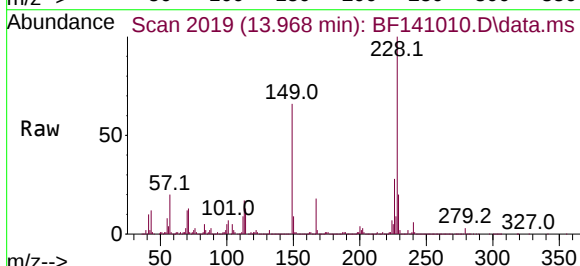
Tgt Ion:149 Resp: 1054120

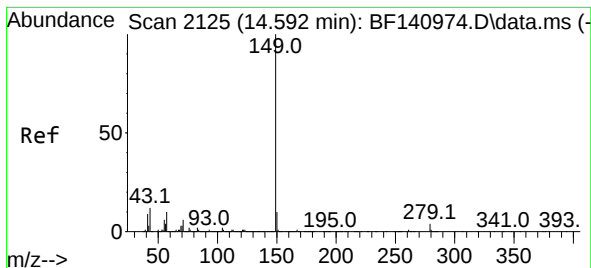
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 65.440 ng

RT: 14.586 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

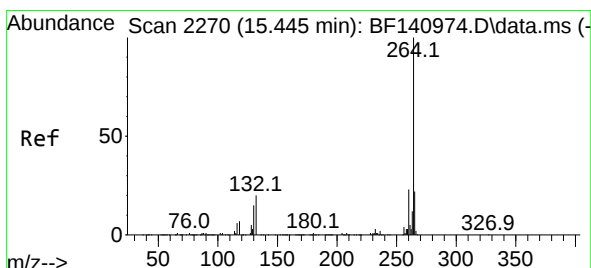
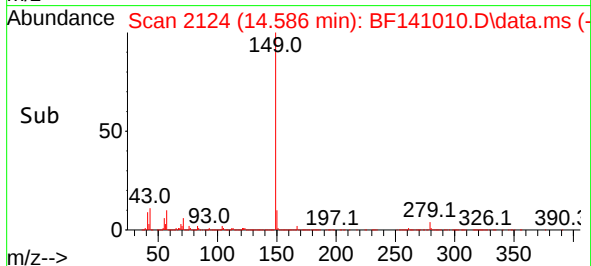
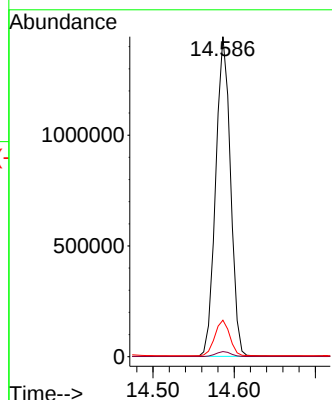
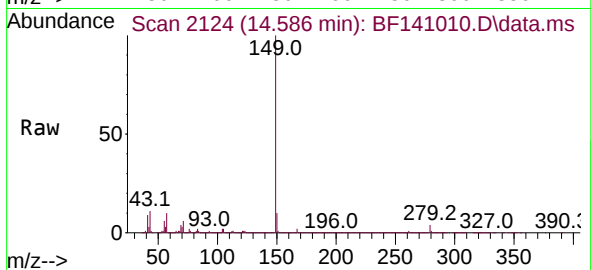
Tgt Ion:149 Resp: 1830651

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.2 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.012 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

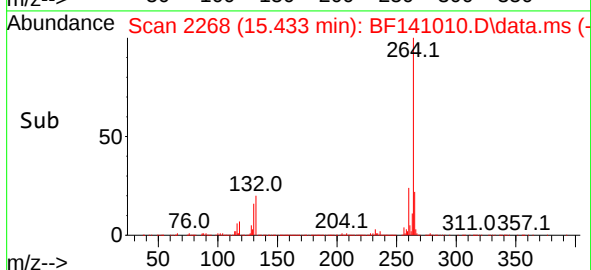
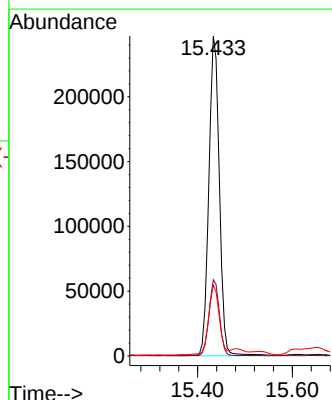
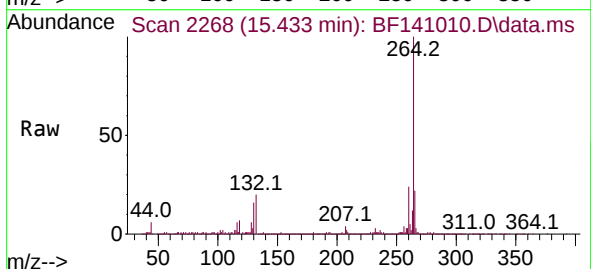
Tgt Ion:264 Resp: 379375

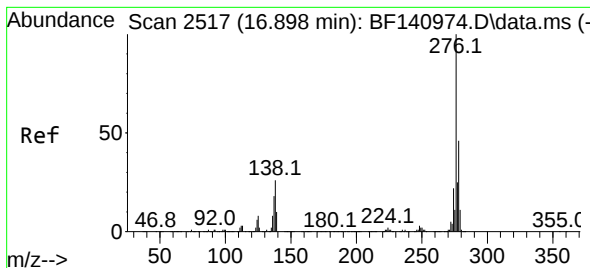
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.469 ng

RT: 16.886 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

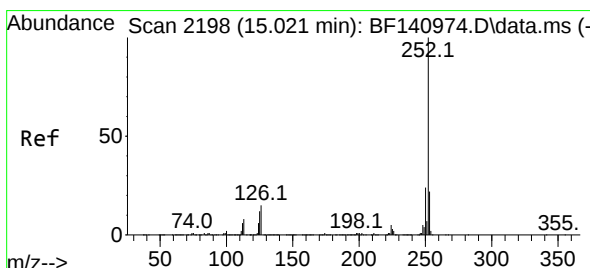
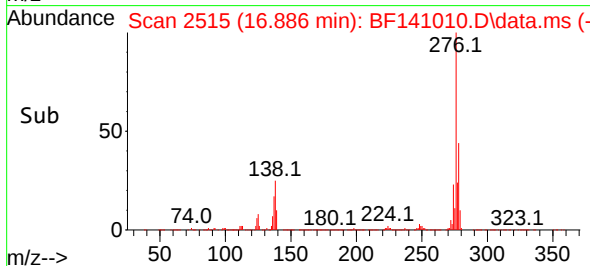
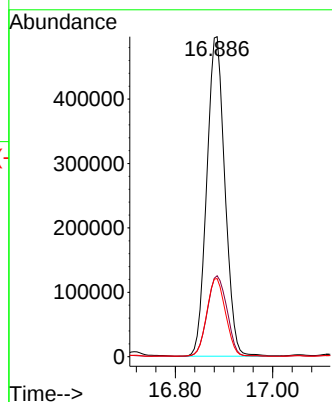
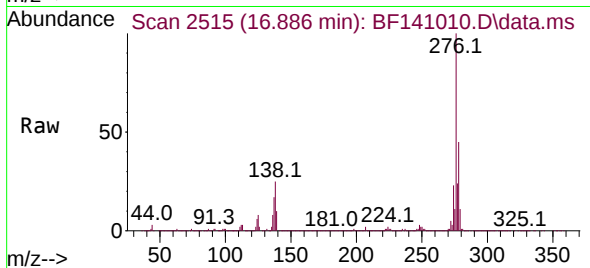
Tgt Ion:276 Resp: 1277978

Ion Ratio Lower Upper

276 100

138 27.4 23.1 34.7

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 66.944 ng

RT: 15.015 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

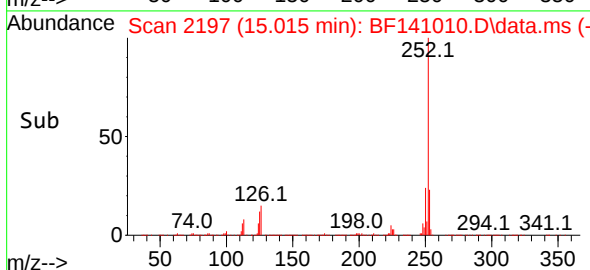
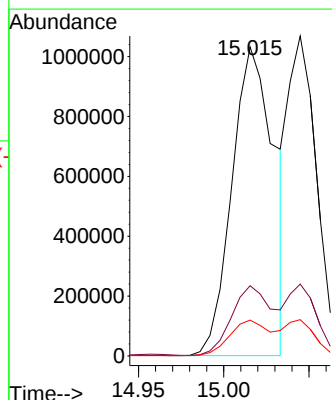
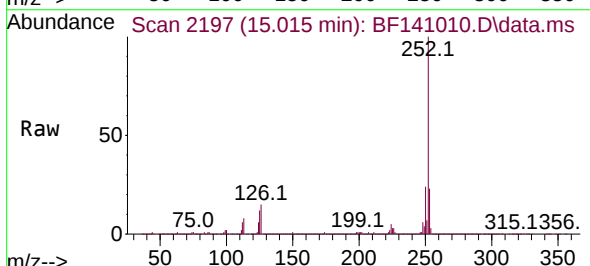
Tgt Ion:252 Resp: 1771281

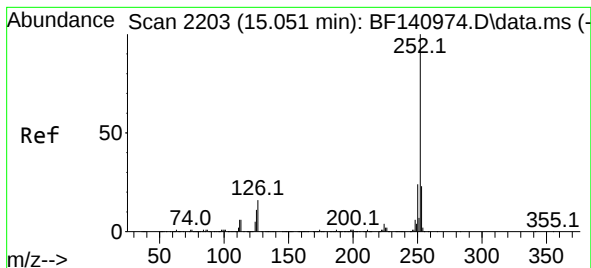
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 11.6 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 58.953 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

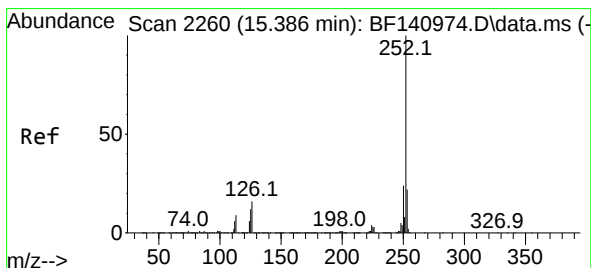
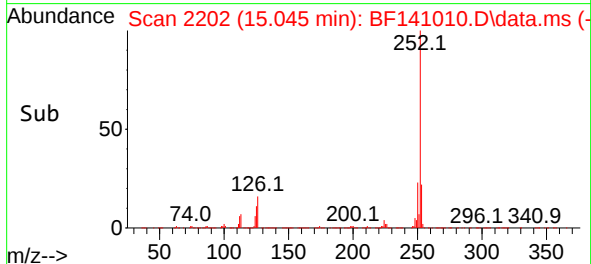
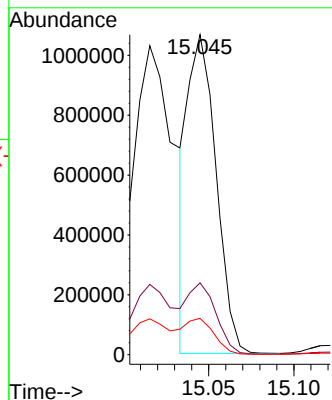
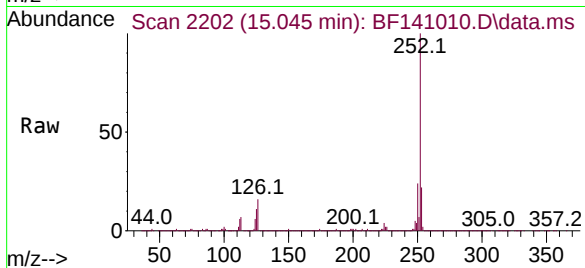
Tgt Ion:252 Resp: 1222563

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.4 9.4 14.0



#90

Benzo(a)pyrene

Concen: 65.978 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

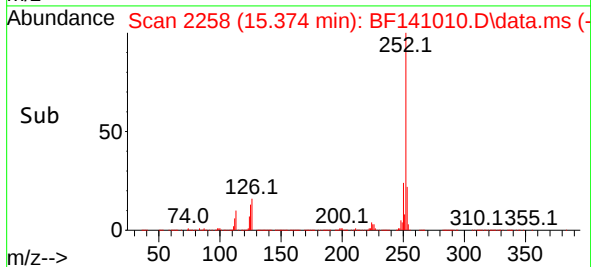
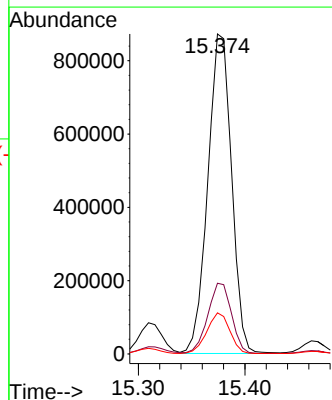
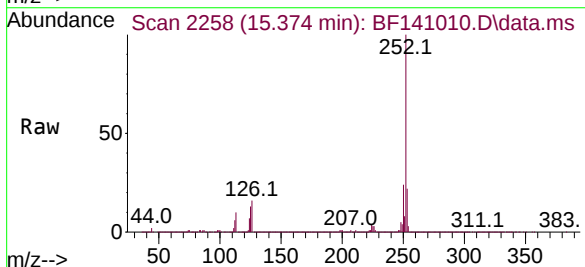
Tgt Ion:252 Resp: 1354991

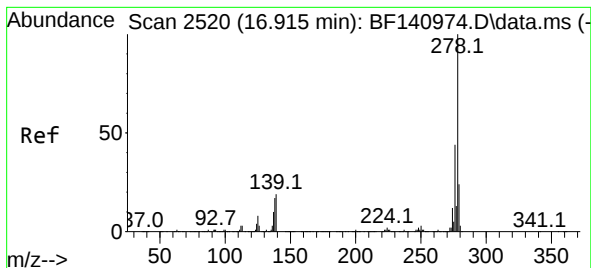
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 50.778 ng

RT: 16.904 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Instrument :

BNA_F

ClientSampleId :

VNJ210MSD

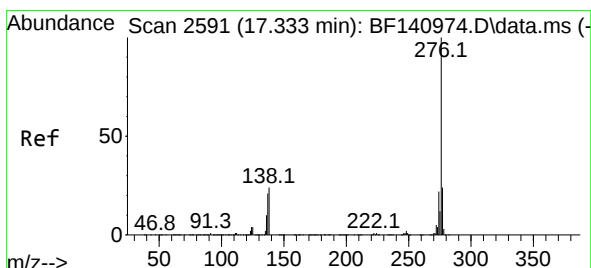
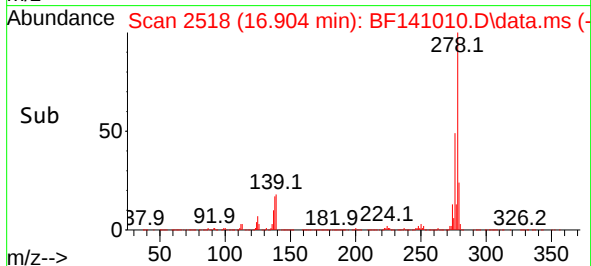
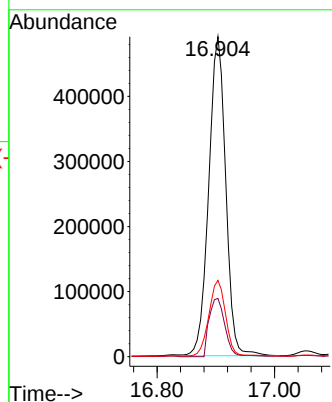
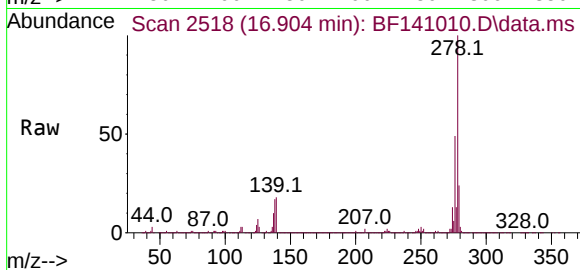
Tgt Ion:278 Resp: 983815

Ion Ratio Lower Upper

278 100

139 18.2 14.9 22.3

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 47.972 ng

RT: 17.321 min Scan# 2589

Delta R.T. -0.012 min

Lab File: BF141010.D

Acq: 27 Dec 2024 21:17

Tgt Ion:276 Resp: 964009

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 23.8 19.4 29.2

