

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
 Data File : BF124212.D
 Acq On : 9 Jun 2021 16:57
 Operator : JU/CG
 Sample : M2601-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Quant Time: Jun 09 17:45:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 14:34:04 2021
 Response via : Initial Calibration

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

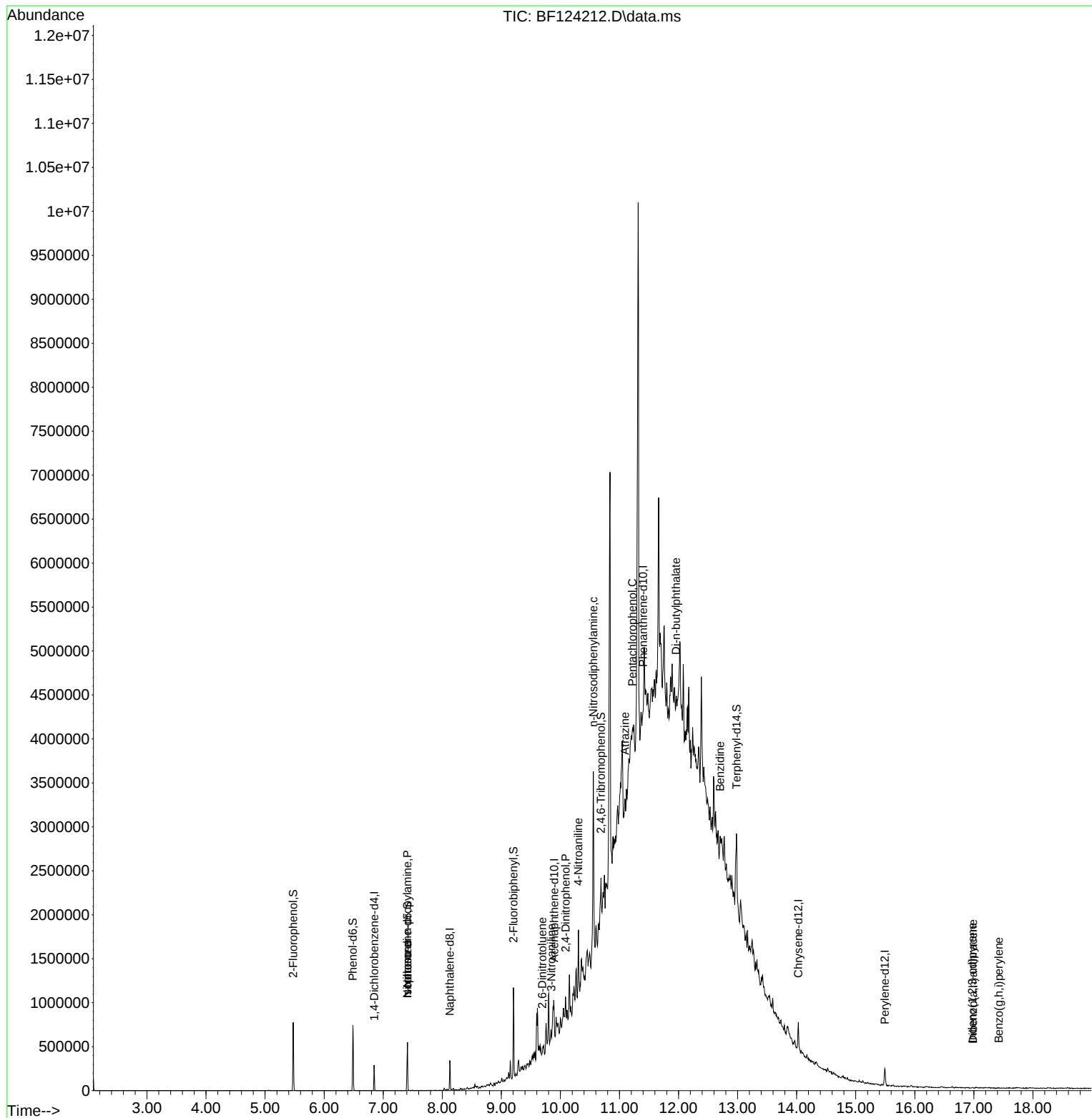
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	33119	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	119092	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	65860	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	96006	20.000	ng	# 0.02
76) Chrysene-d12	14.027	240	81995	20.000	ng	0.00
86) Perylene-d12	15.492	264	72652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	154620	70.279	ng	0.00
7) Phenol-d6	6.487	99	191157	64.640	ng	-0.01
23) Nitrobenzene-d5	7.410	82	150266	50.043	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	51038	54.699	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	262043	50.068	ng	0.00
79) Terphenyl-d14	12.980	244	212135	35.521	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	21917	10.499	ng	# 68
25) Isophorone	7.410	82	150263	27.770	ng	# 69
51) 2,6-Dinitrotoluene	9.692	165	2957	2.367	ng	# 20
53) 3-Nitroaniline	9.845	138	4299	3.677	ng	# 42
54) 2,4-Dinitrophenol	10.086	184	108	3.673	ng	# 1
62) 4-Nitroaniline	10.304	138	6604	5.617	ng	# 88
66) n-Nitrosodiphenylamine	10.557	169	30120	8.257	ng	# 48
69) Atrazine	11.092	200	2156	2.088	ng	# 1
70) Pentachlorophenol	11.216	266	1584	6.561	ng	# 1
74) Di-n-butylphthalate	11.957	149	35299	5.218	ng	# 33
77) Benzidine	12.704	184	1447	4.754	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.974	276	1601	4.576	ng	# 73
91) Dibenzo(a,h)anthracene	16.986	278	941	4.341	ng	# 57
92) Benzo(g,h,i)perylene	17.421	276	1298	4.042	ng	# 56

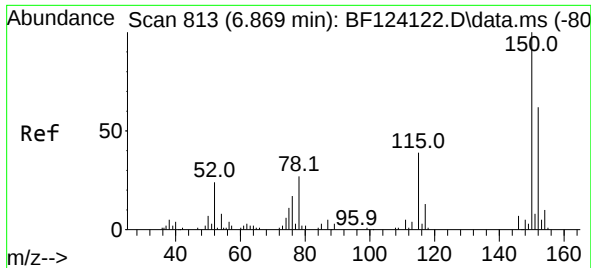
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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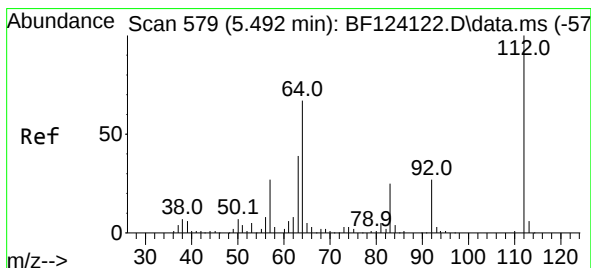
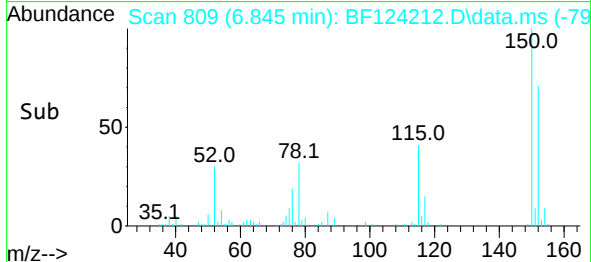
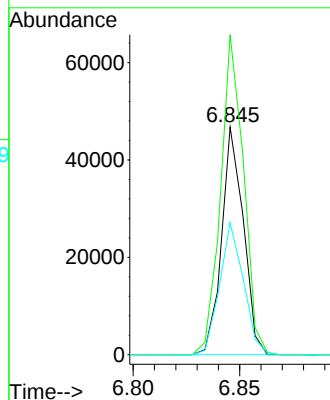
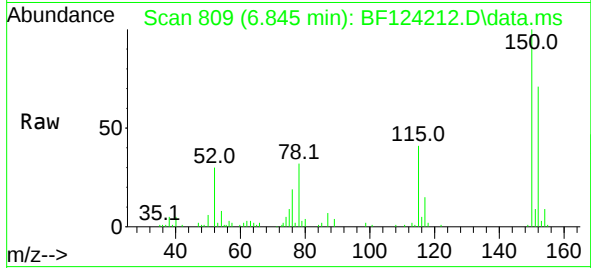




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

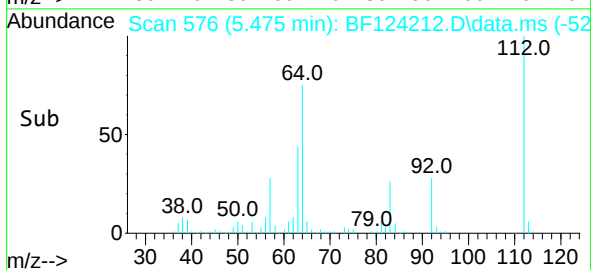
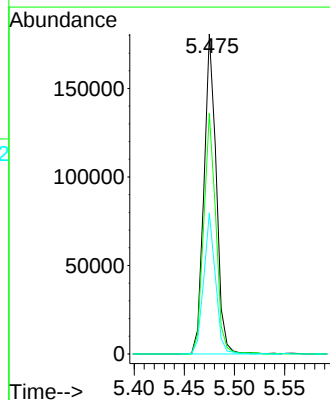
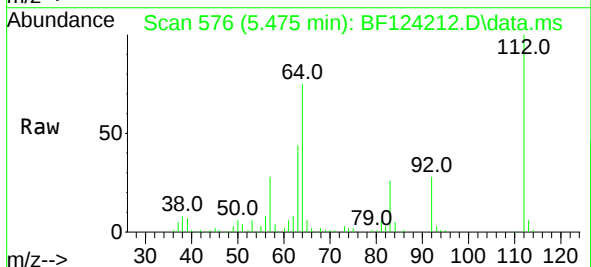
Instrument :
BNA_F
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VNJ-236

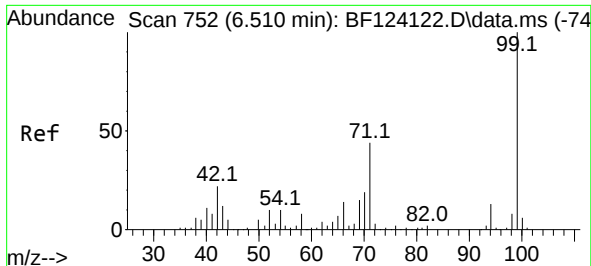
Tgt Ion:152 Resp: 33119
Ion Ratio Lower Upper
152 100
150 140.6 127.0 190.6
115 58.0 54.3 81.5



#5
2-Fluorophenol
Concen: 70.279 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:112 Resp: 154620
Ion Ratio Lower Upper
112 100
64 75.2 61.4 92.0
63 44.1 33.0 49.4

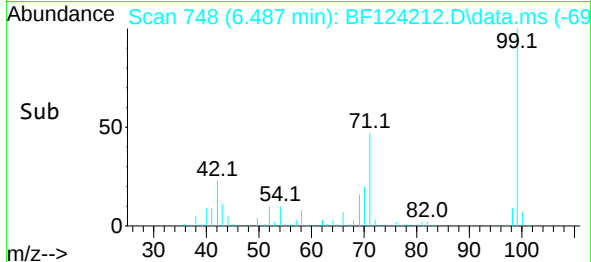
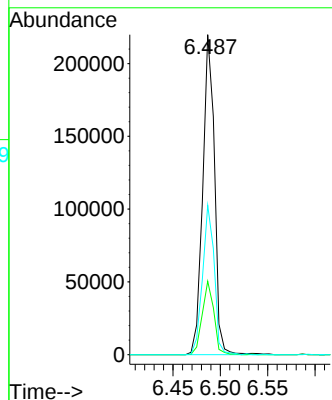
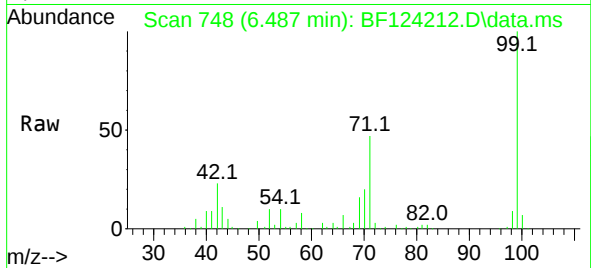




#7
Phenol-d6
Concen: 64.640 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

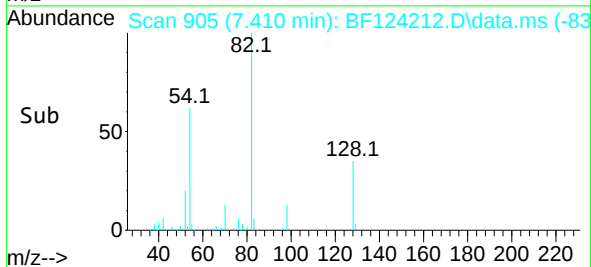
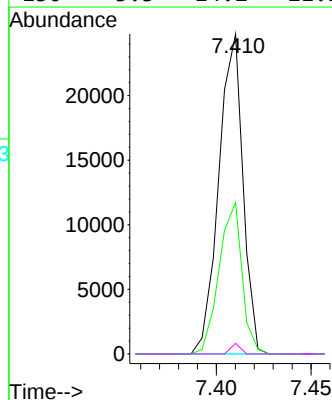
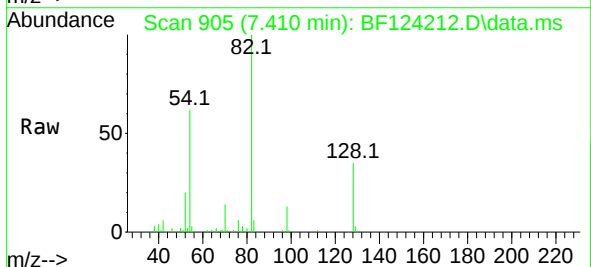
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BNA_F
ClientSampleId :
VNJ-236

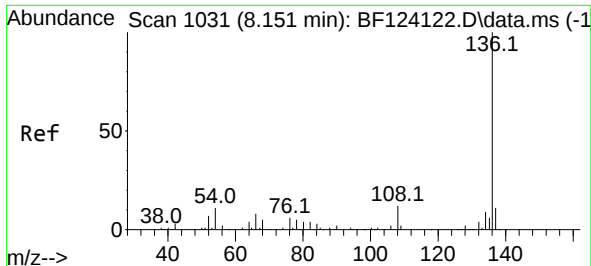
Tgt Ion: 99 Resp: 191157
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.8
71 46.7 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 10.499 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion: 70 Resp: 21917
Ion Ratio Lower Upper
70 100
42 47.4 60.1 90.1#
101 0.0 7.4 11.2#
130 3.3 14.2 21.2#

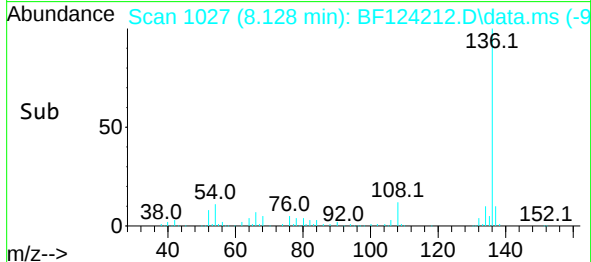
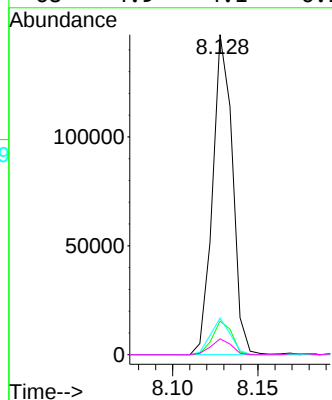
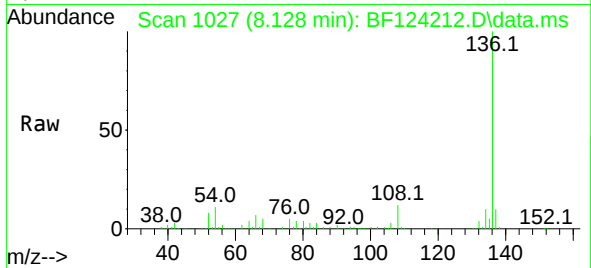




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

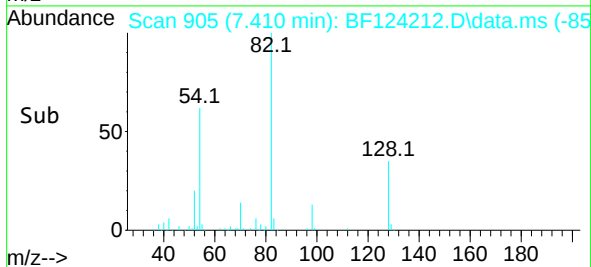
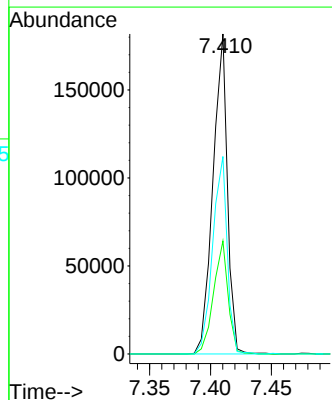
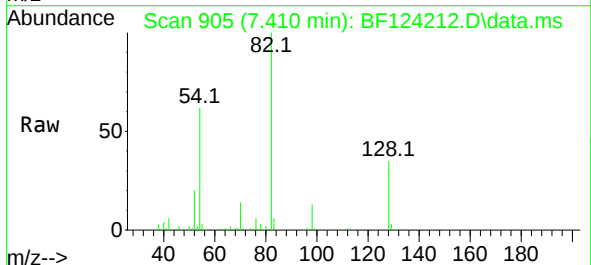
Instrument :
BNA_F
ClientSampleId :
VNJ-236

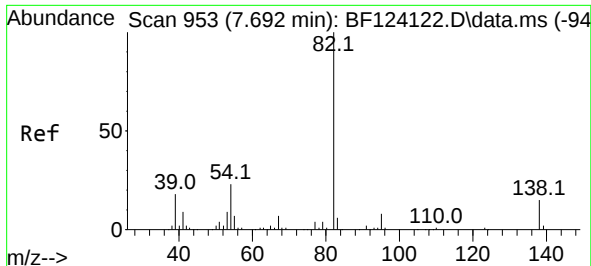
Tgt Ion:	136	Resp:	119092
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	11.4	9.8	14.6
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 50.043 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:	82	Resp:	150266
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.4	44.2
54	61.7	54.1	81.1

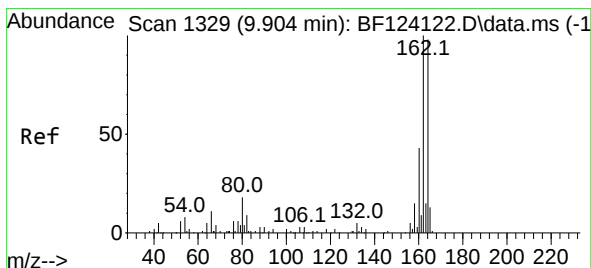
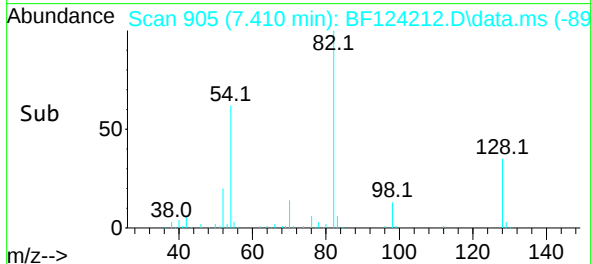
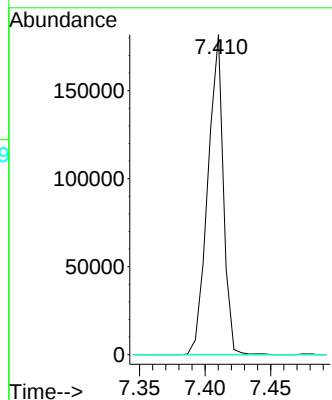
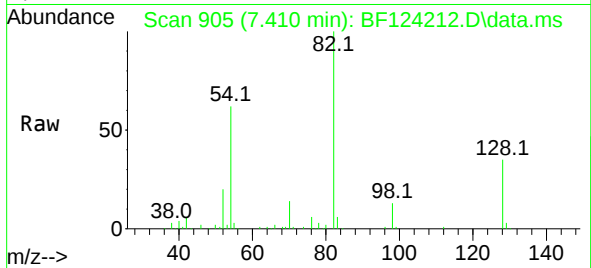




#25
Isophorone
Concen: 27.770 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.264 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

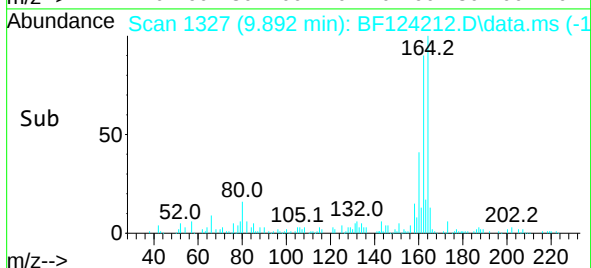
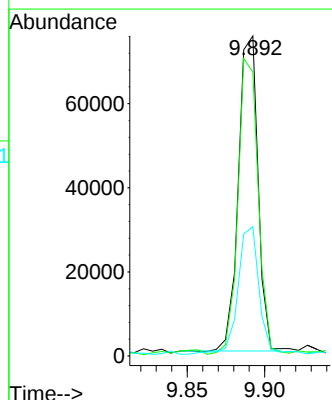
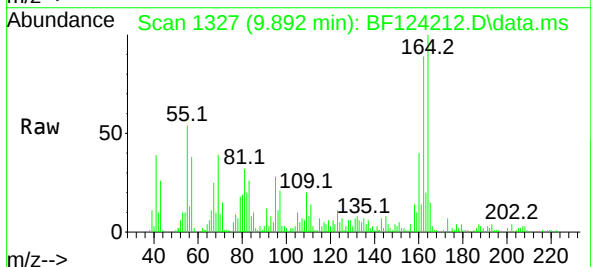
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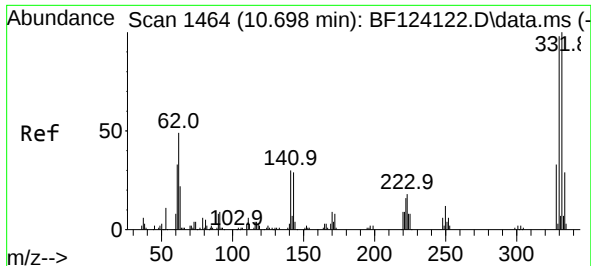
Tgt Ion: 82 Resp: 150263
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion: 164 Resp: 65860
Ion Ratio Lower Upper
164 100
162 88.7 80.7 121.1
160 40.4 37.3 55.9

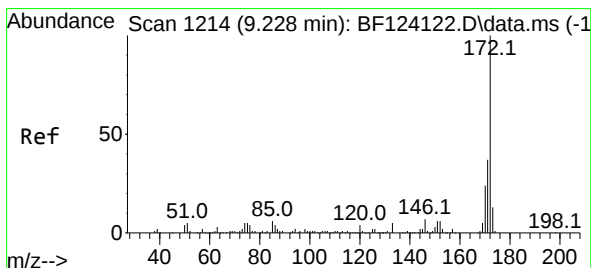
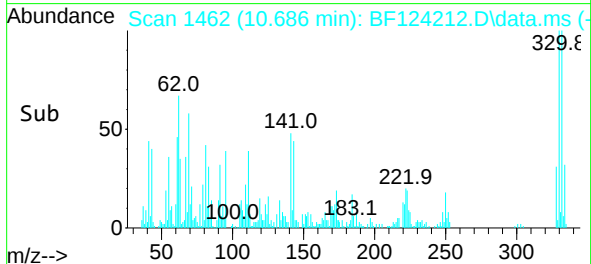
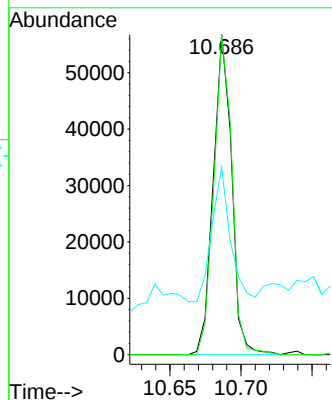
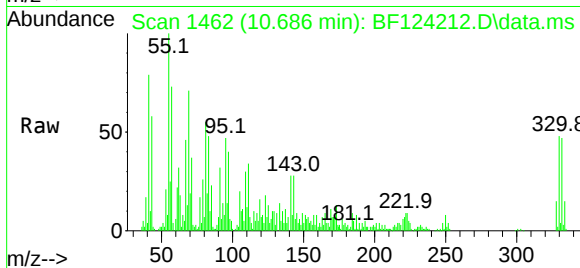




#42
2,4,6-Tribromophenol
Concen: 54.699 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

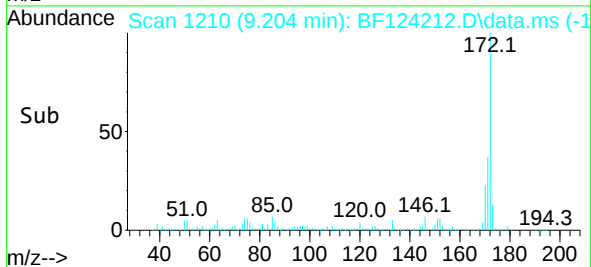
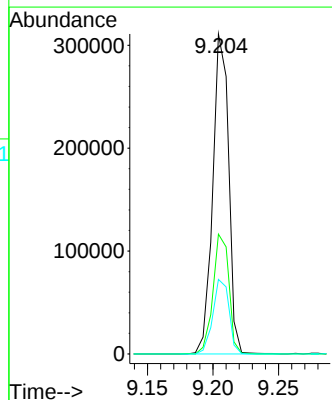
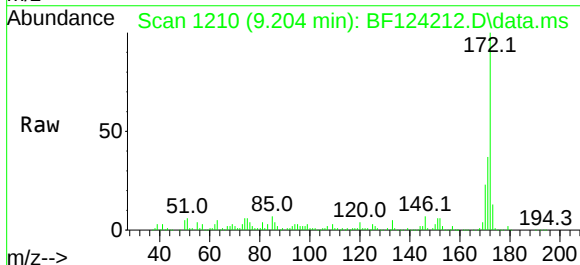
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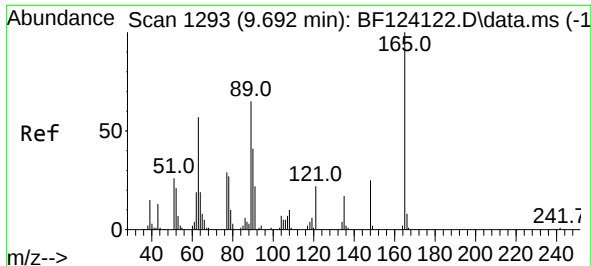
Tgt Ion: 330 Resp: 51038
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 42.6 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 50.068 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion: 172 Resp: 262043
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.3 19.2 28.8

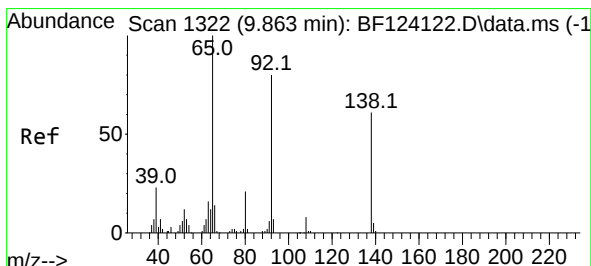
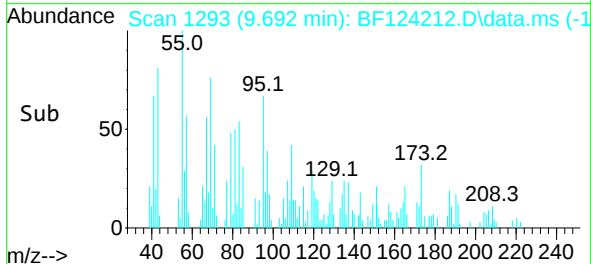
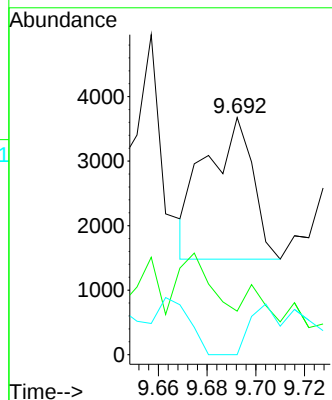
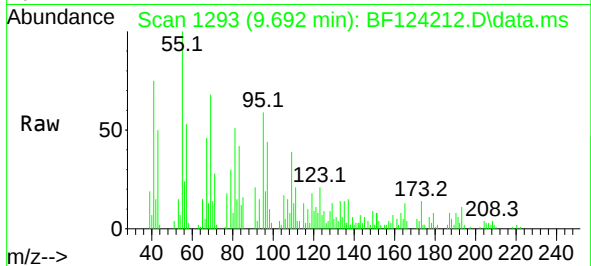




#51
2,6-Dinitrotoluene
Concen: 2.367 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

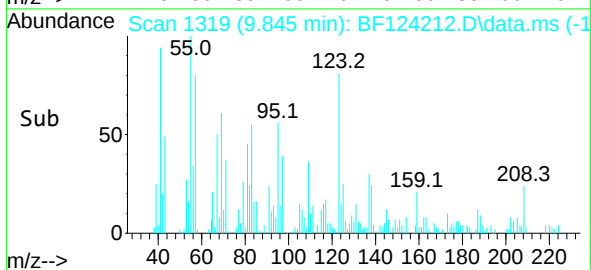
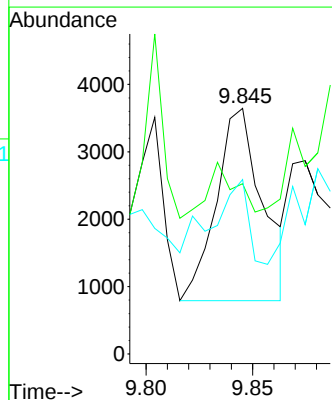
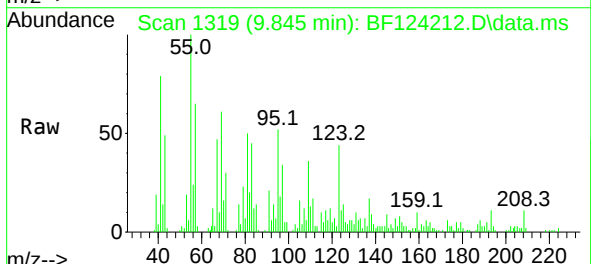
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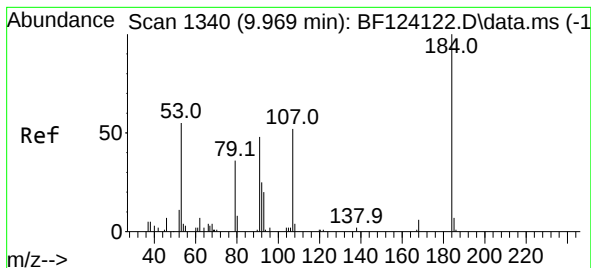
Tgt Ion:165 Resp: 2957
Ion Ratio Lower Upper
165 100
63 18.4 67.7 101.5#
89 0.0 58.8 88.2#



#53
3-Nitroaniline
Concen: 3.677 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:138 Resp: 4299
Ion Ratio Lower Upper
138 100
108 69.3 10.2 15.4#
92 71.0 103.3 154.9#

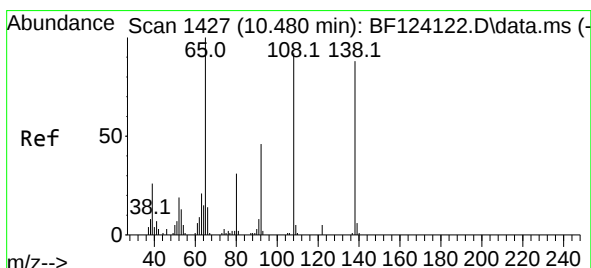
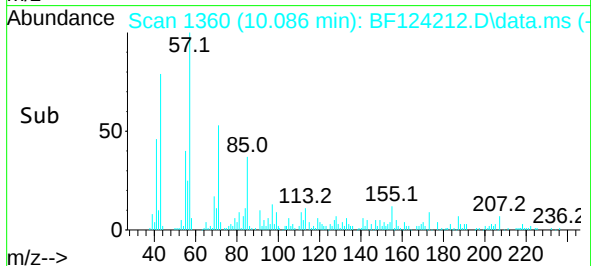
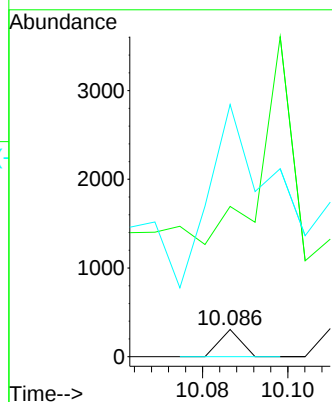
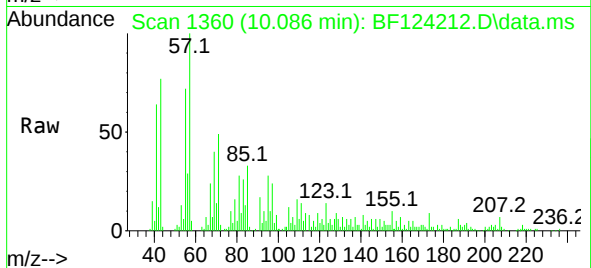




#54
2,4-Dinitrophenol
Concen: 3.673 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.130 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

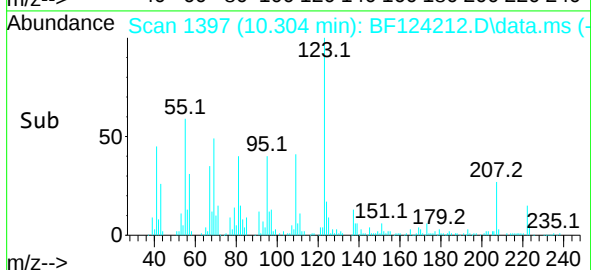
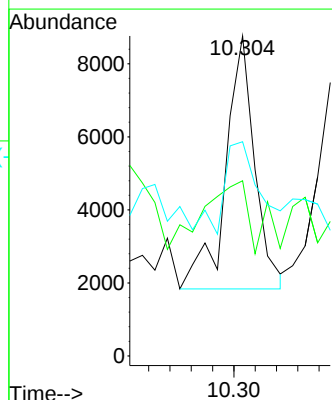
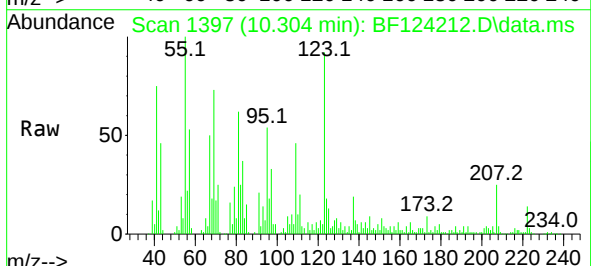
Instrument :
BNA_F
ClientSampleId :
VNJ-236

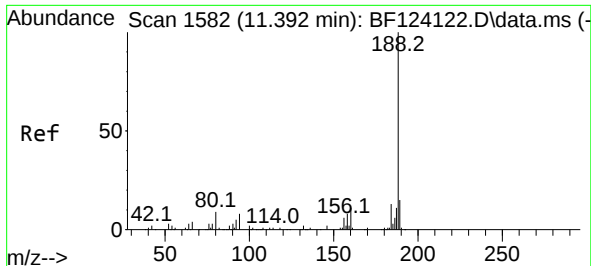
Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 552.1 73.5 110.3#
154 926.4 52.5 78.7#



#62
4-Nitroaniline
Concen: 5.617 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.159 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:138 Resp: 6604
Ion Ratio Lower Upper
138 100
92 54.7 35.8 75.8
108 66.9 63.6 103.6

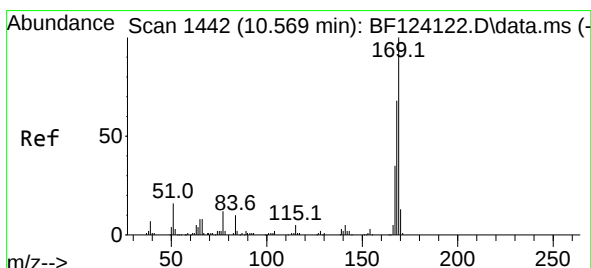
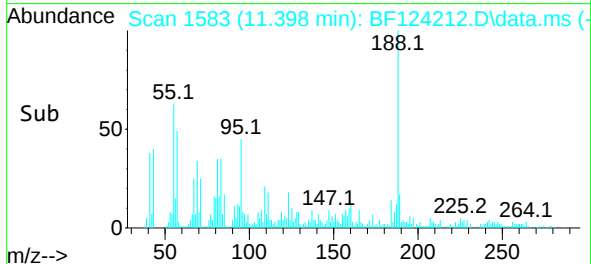
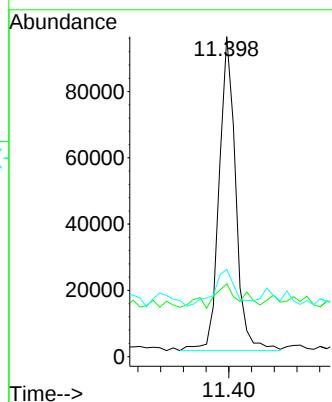
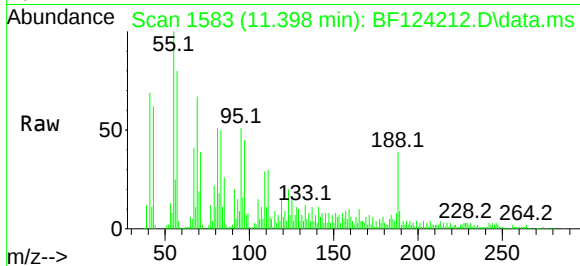




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.024 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

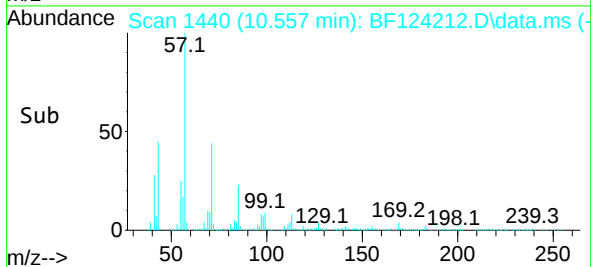
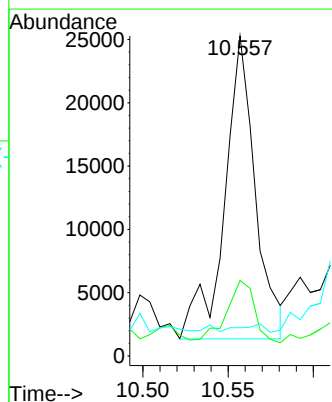
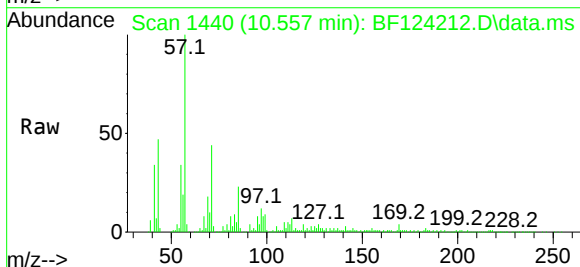
Instrument :
BNA_F
ClientSampleId :
VNJ-236

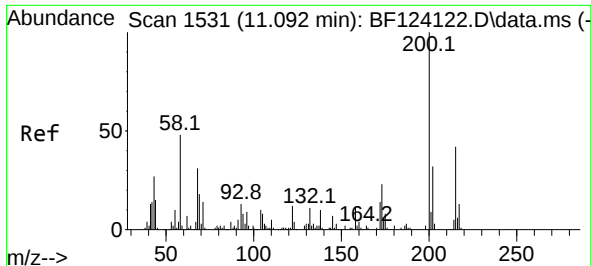
Tgt Ion:188 Resp: 96006
Ion Ratio Lower Upper
188 100
94 22.8 6.9 10.3#
80 27.3 8.2 12.2#



#66
n-Nitrosodiphenylamine
Concen: 8.257 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:169 Resp: 30120
Ion Ratio Lower Upper
169 100
168 23.6 53.3 79.9#
167 8.8 29.9 44.9#

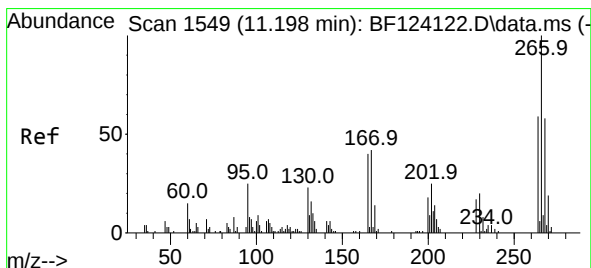
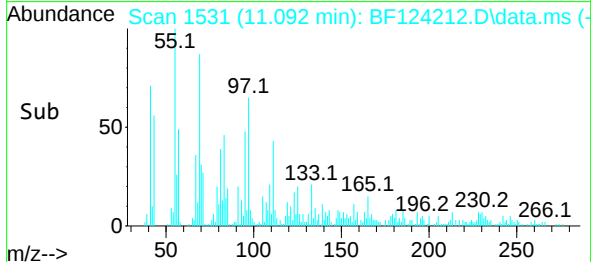
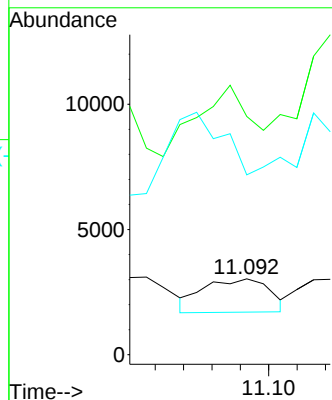
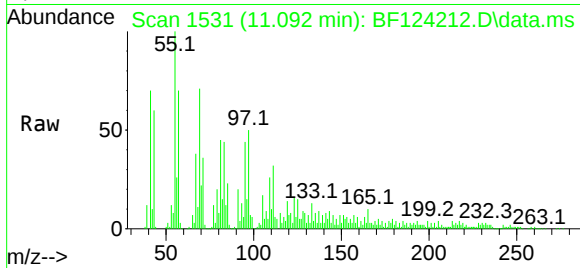




#69
Atrazine
Concen: 2.088 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.012 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

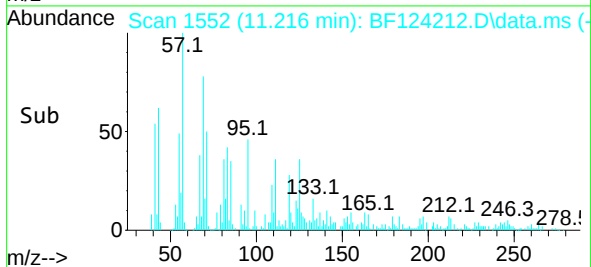
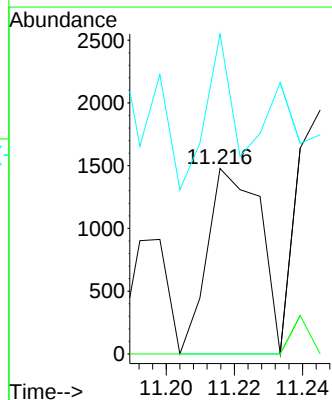
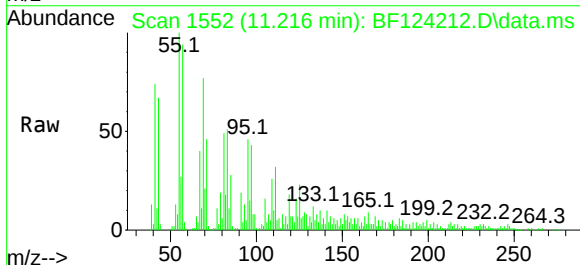
Instrument :
BNA_F
ClientSampleId :
VNJ-236

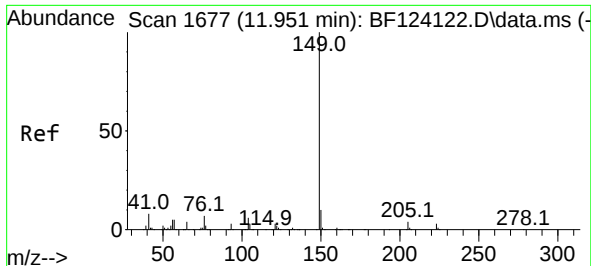
Tgt Ion:200 Resp: 2156
Ion Ratio Lower Upper
200 100
173 314.1 6.9 46.9#
215 237.2 26.5 66.5#



#70
Pentachlorophenol
Concen: 6.561 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.030 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:266 Resp: 1584
Ion Ratio Lower Upper
266 100
268 0.0 51.6 77.4#
264 172.6 52.6 78.8#

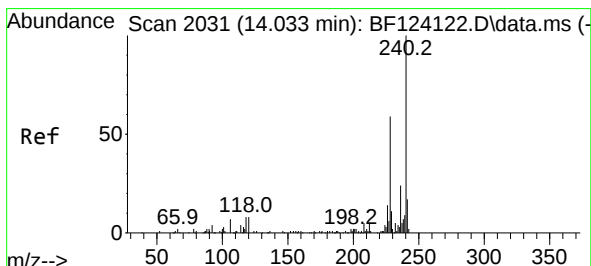
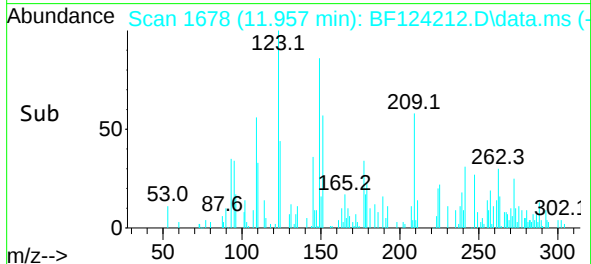
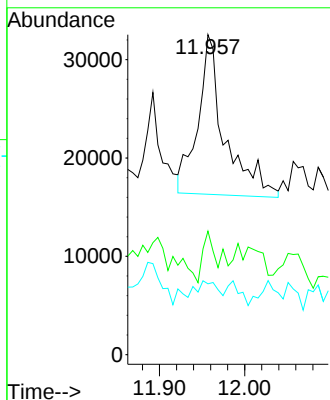
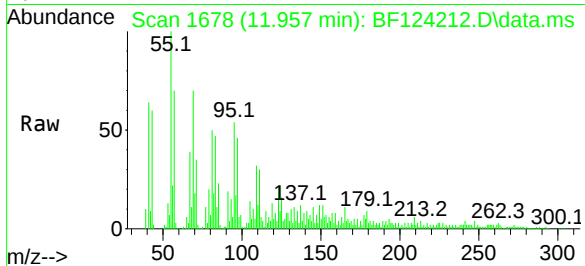




#74
Di-n-butylphthalate
Concen: 5.218 ng
RT: 11.957 min Scan# 1678
Delta R.T. 0.024 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

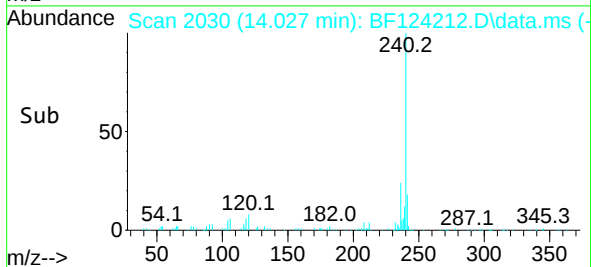
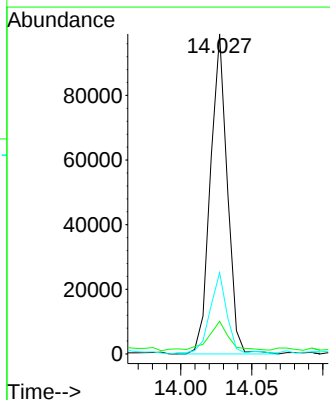
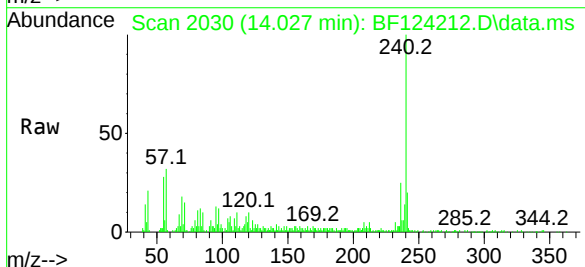
Instrument :
BNA_F
ClientSampleId :
VNJ-236

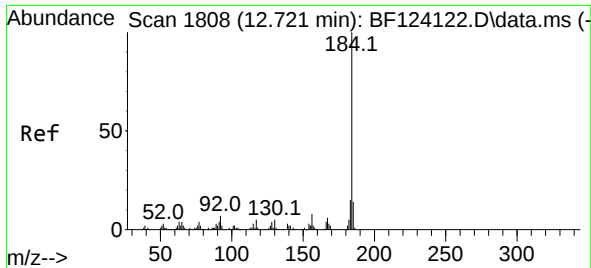
Tgt Ion:149 Resp: 35299
Ion Ratio Lower Upper
149 100
150 38.6 7.8 11.8#
104 22.1 4.6 6.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:240 Resp: 81995
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 25.4 19.0 28.4

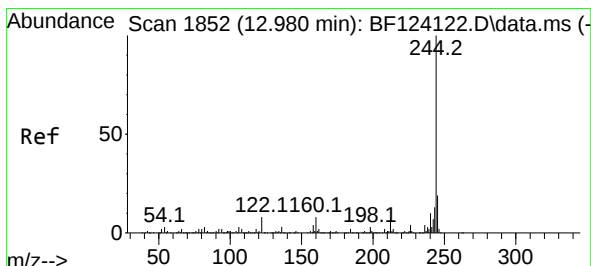
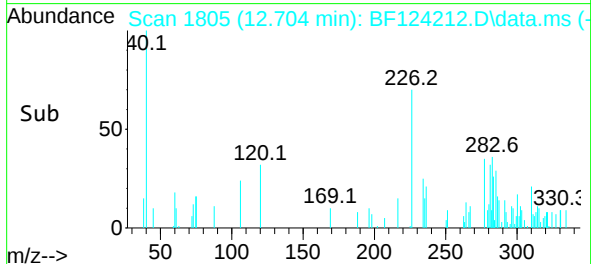
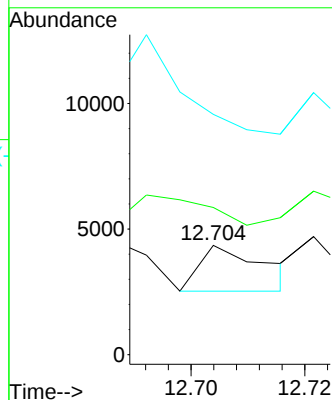
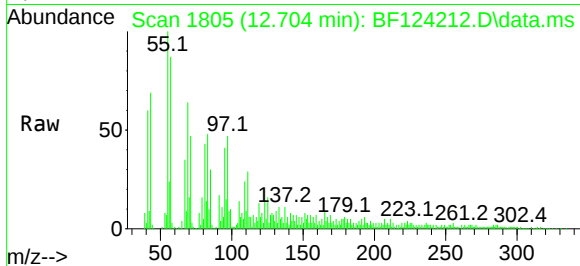




#77
Benzidine
Concen: 4.754 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

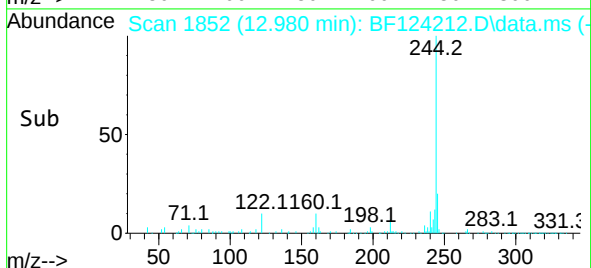
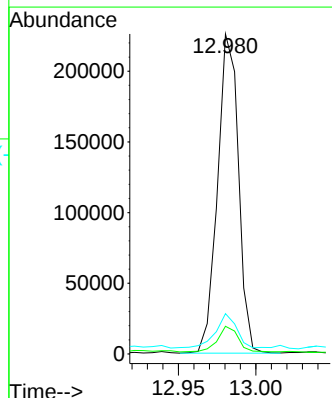
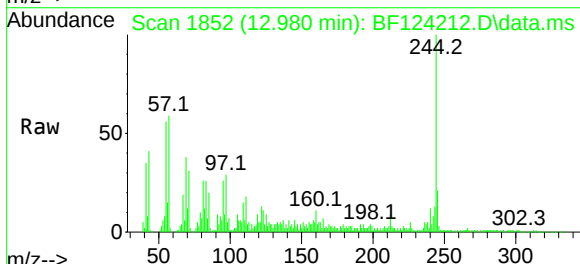
Instrument :
BNA_F
ClientSampleId :
VNJ-236

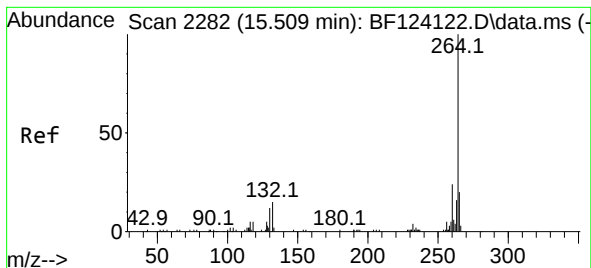
Tgt Ion:184 Resp: 1447
Ion Ratio Lower Upper
184 100
185 134.7 12.1 18.1#
183 219.8 7.8 11.8#



#79
Terphenyl-d14
Concen: 35.521 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.018 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:244 Resp: 212135
Ion Ratio Lower Upper
244 100
212 8.6 5.7 8.5#
122 12.6 9.7 14.5

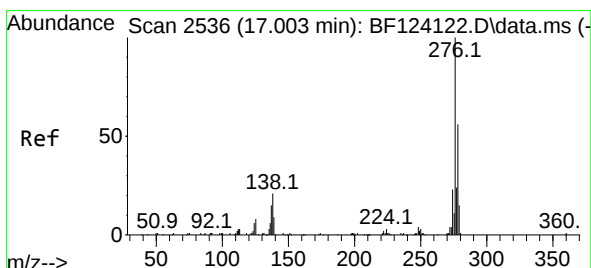
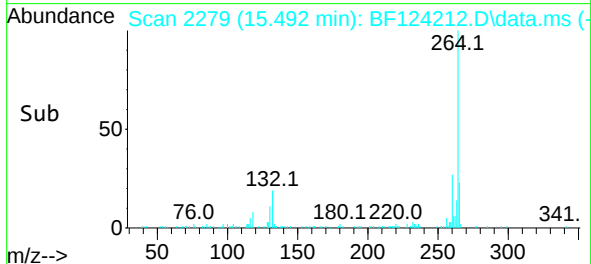
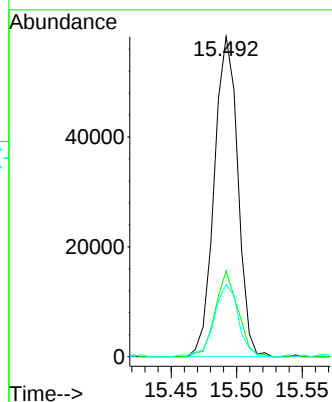
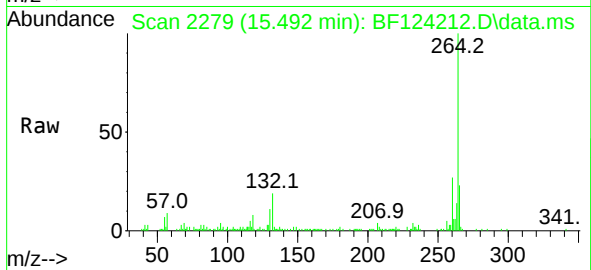




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

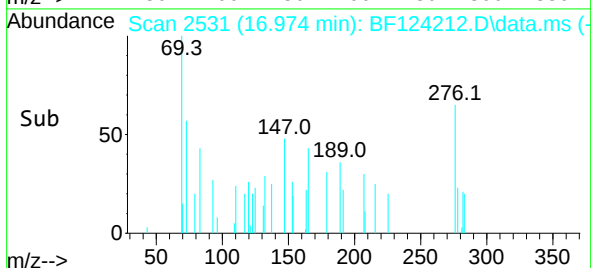
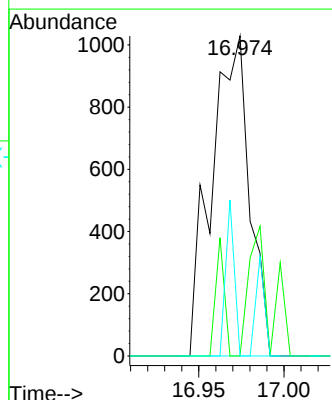
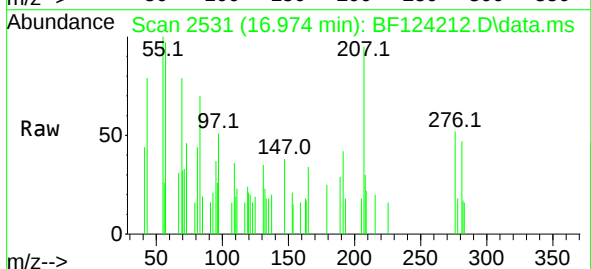
Instrument :
BNA_F
ClientSampleId :
VNJ-236

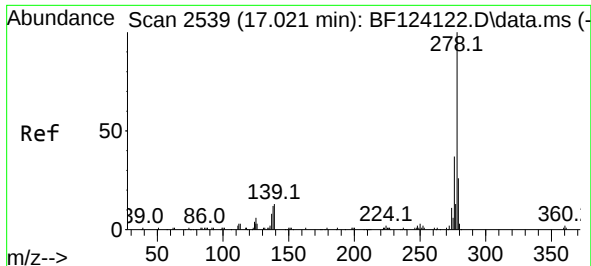
Tgt Ion:264 Resp: 72652
Ion Ratio Lower Upper
264 100
260 26.9 18.7 28.1
265 22.5 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.576 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:276 Resp: 1601
Ion Ratio Lower Upper
276 100
138 8.4 16.2 24.2#
277 11.1 20.1 30.1#

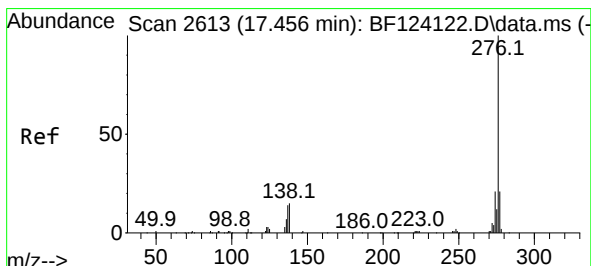
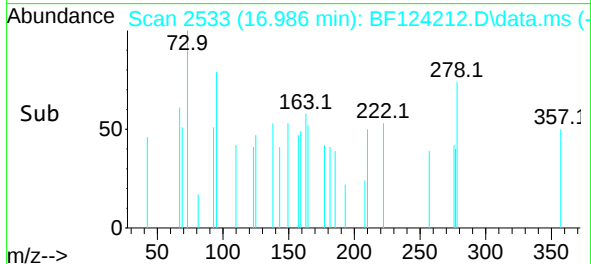
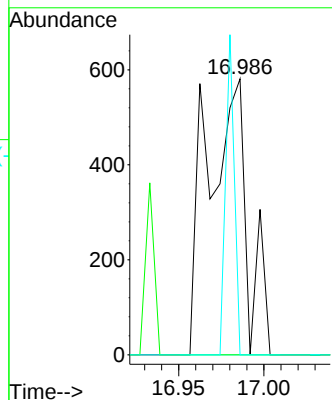
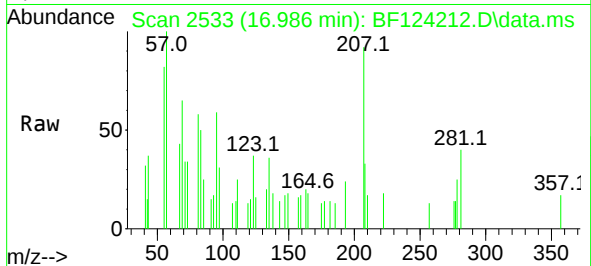




#91
Dibenzo(a,h)anthracene
Concen: 4.341 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.006 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Tgt Ion:278 Resp: 941
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 4.042 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF124212.D
Acq: 9 Jun 2021 16:57

Tgt Ion:276 Resp: 1298
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

