

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124194.D
 Acq On : 8 Jun 2021 22:56
 Operator : JU/CG
 Sample : M2601-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Quant Time: Jun 09 04:10:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

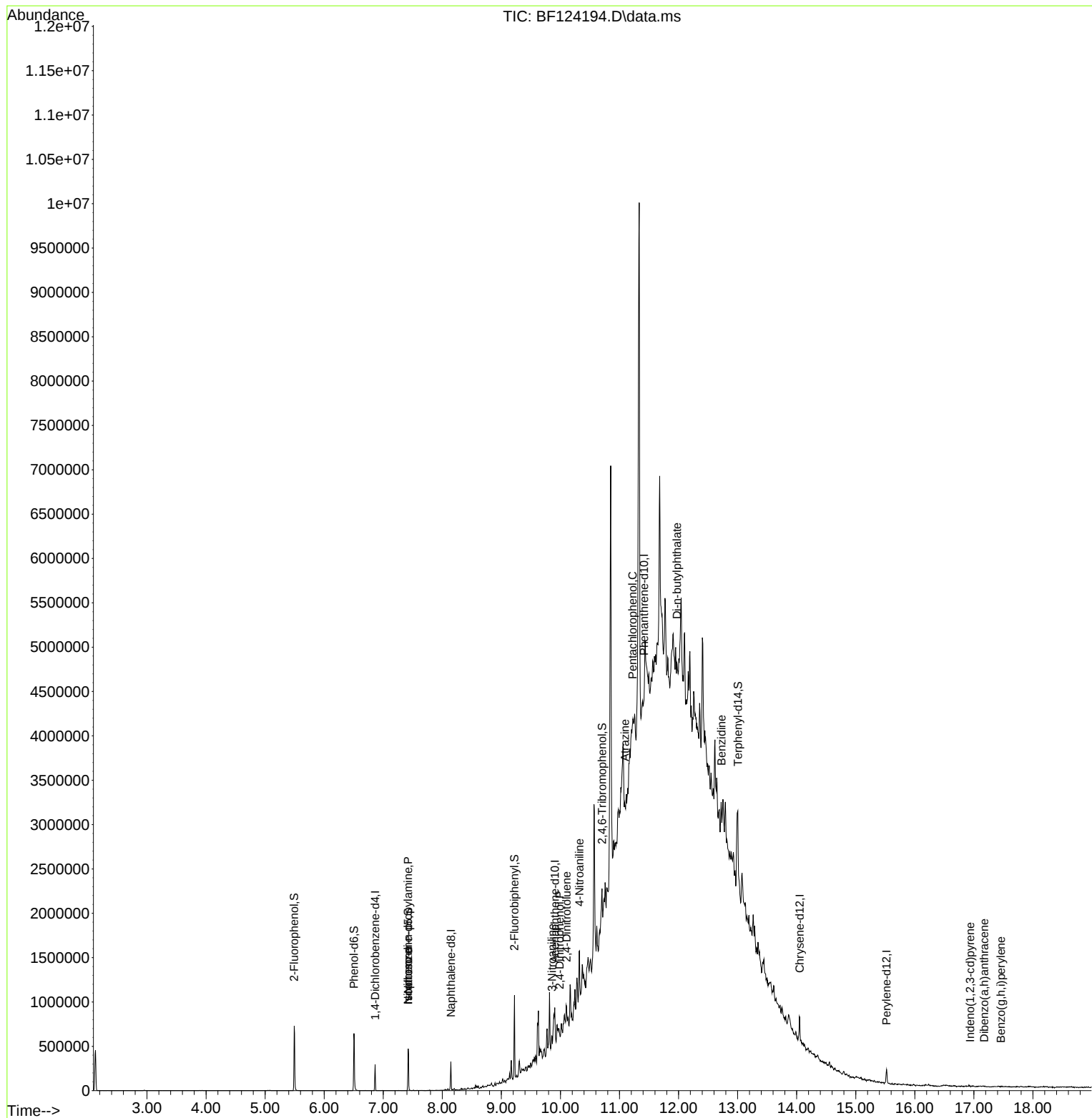
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	33511	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	106469	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	51724	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	87608	20.00	ng	# 0.02
76) Chrysene-d12	14.051	240	80923	20.00	ng	# 0.02
86) Perylene-d12	15.521	264	62474	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	159917	71.84	ng	0.00
7) Phenol-d6	6.504	99	191570	64.02	ng	0.00
23) Nitrobenzene-d5	7.422	82	146788	54.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	46277	63.15	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	220997	53.77	ng	0.00
79) Terphenyl-d14	13.004	244	222176	37.69	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	20928	9.91	ng	# 71
25) Isophorone	7.422	82	146785	30.34	ng	# 69
53) 3-Nitroaniline	9.857	138	2521	2.75	ng	# 27
54) 2,4-Dinitrophenol	9.986	184	118	3.74	ng	# 13
57) 2,4-Dinitrotoluene	10.104	165	2984	2.31	ng	# 53
62) 4-Nitroaniline	10.322	138	5068	5.49	ng	# 86
69) Atrazine	11.092	200	3035	3.22	ng	# 1
70) Pentachlorophenol	11.221	266	2173	7.52	ng	# 35
74) Di-n-butylphthalate	11.974	149	19754	3.20	ng	# 11
77) Benzidine	12.727	184	2426	5.24	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.939	276	113	4.35	ng	# 1
91) Dibenzo(a,h)anthracene	17.174	278	134	4.20	ng	# 57
92) Benzo(g,h,i)perylene	17.456	276	519	3.92	ng	# 56

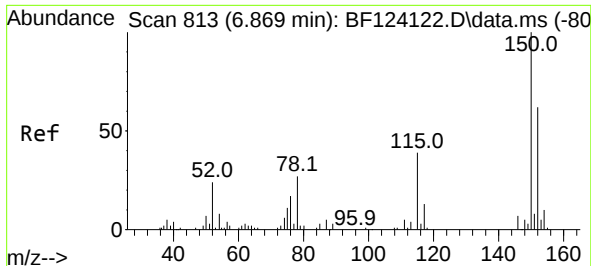
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
Data File : BF124194.D
Acq On : 8 Jun 2021 22:56
Operator : JU/CG
Sample : M2601-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Quant Time: Jun 09 04:10:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

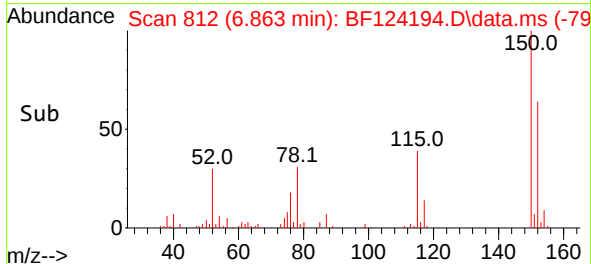
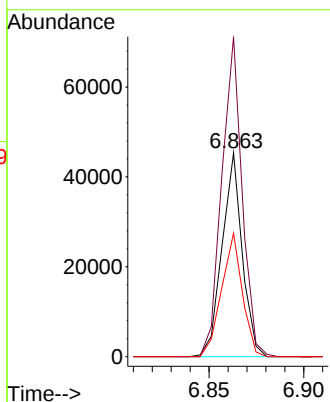
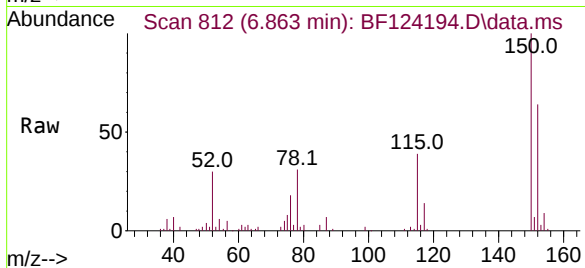




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

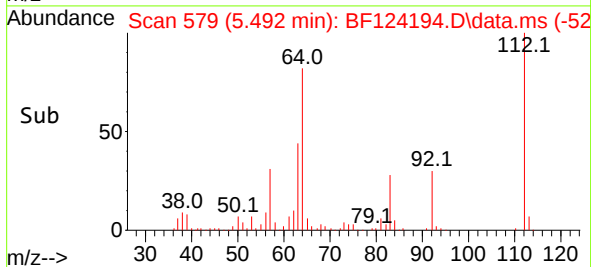
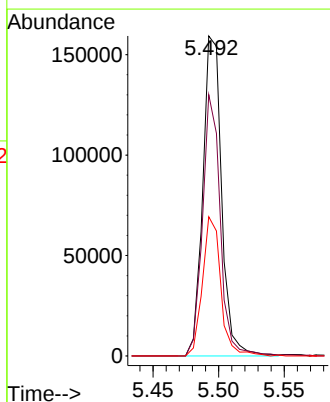
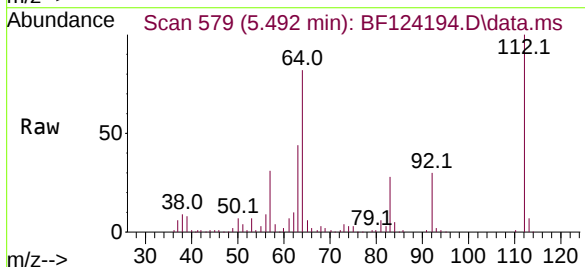
Instrument :
BNA_F
ClientSampled :
VNJ-236

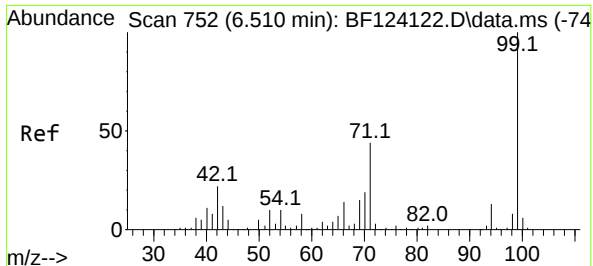
Tgt Ion:152 Resp: 33511
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 71.84 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:112 Resp: 159917
Ion Ratio Lower Upper
112 100
64 81.7 61.4 92.0
63 43.5 33.0 49.4

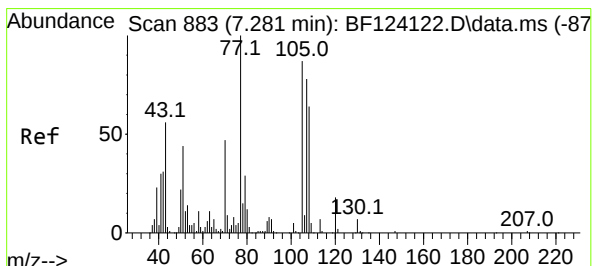
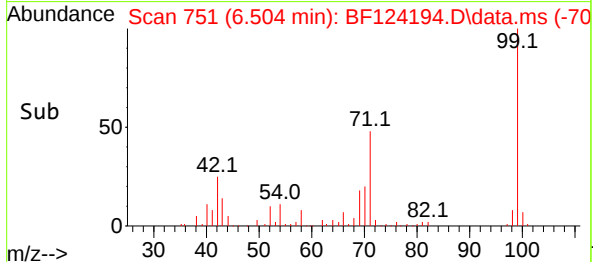
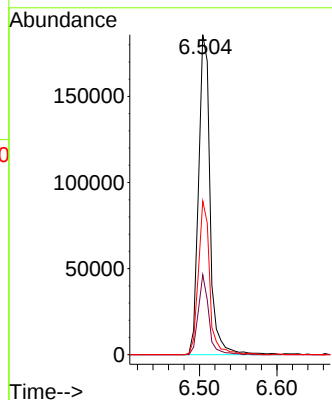
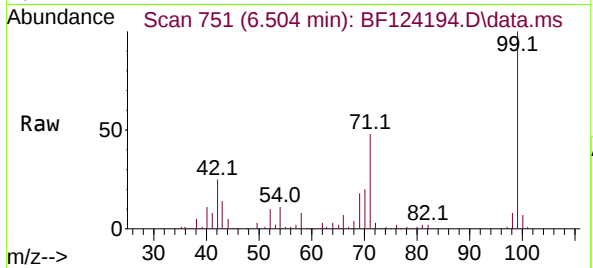




#7
Phenol-d6
Concen: 64.02 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

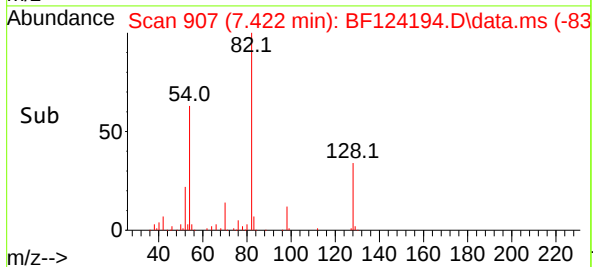
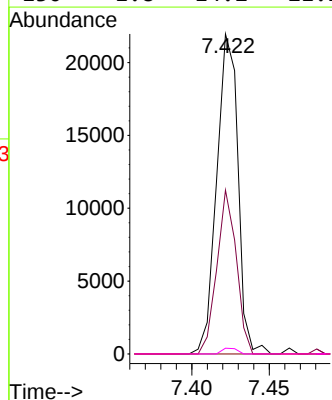
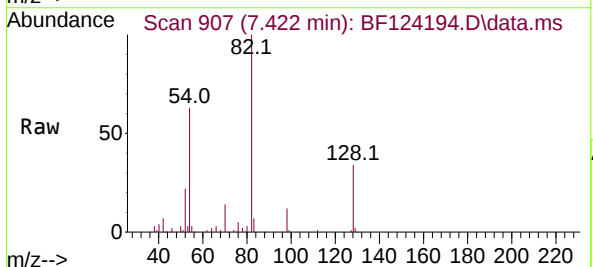
Instrument :
BNA_F
ClientSampled :
VNJ-236

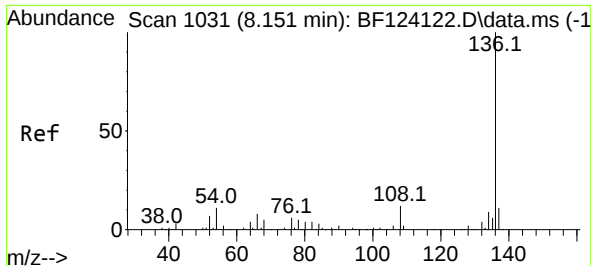
Tgt Ion: 99 Resp: 191570
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 48.0 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 9.91 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion: 70 Resp: 20928
Ion Ratio Lower Upper
70 100
42 51.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

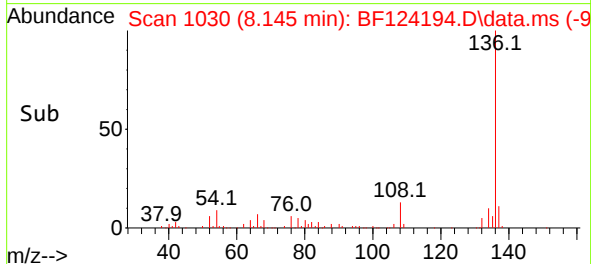
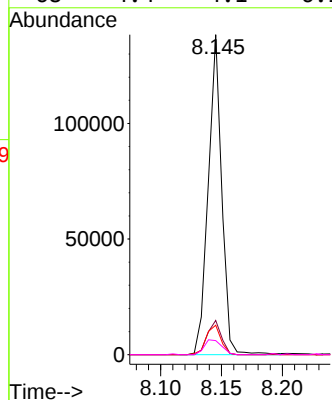
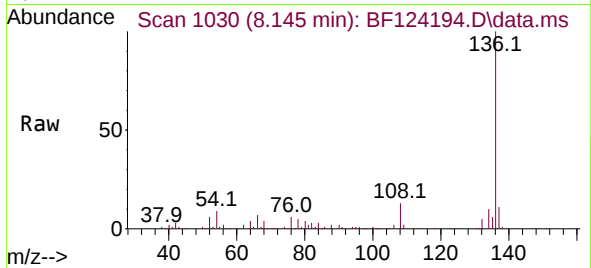




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

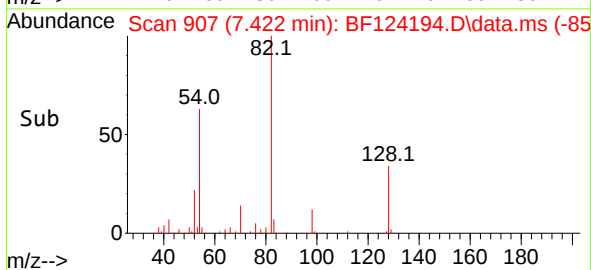
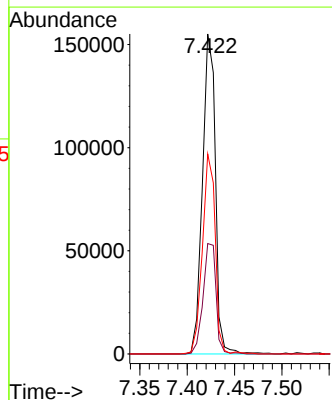
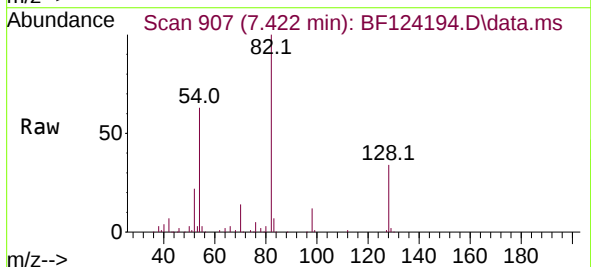
Instrument :
BNA_F
ClientSampleId :
VNJ-236

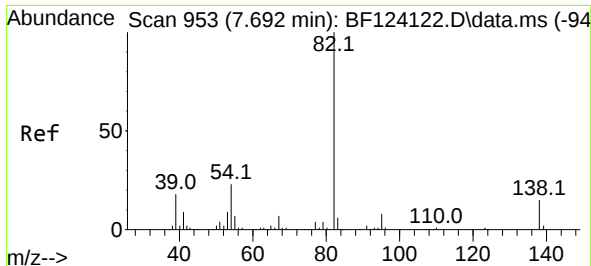
Tgt Ion:136 Resp: 106469
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.2 9.8 14.6#
68 4.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 54.68 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion: 82 Resp: 146788
Ion Ratio Lower Upper
82 100
128 34.5 29.4 44.2
54 62.5 54.1 81.1

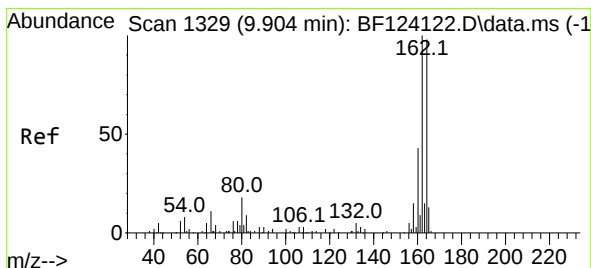
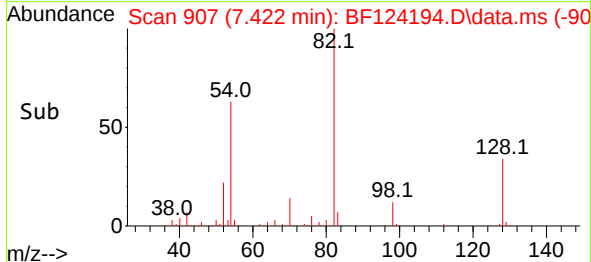
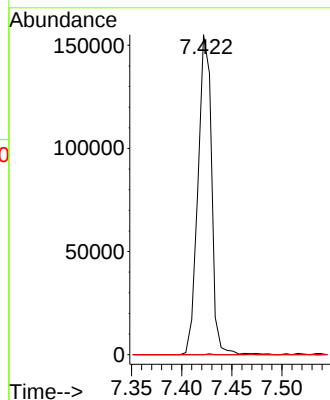
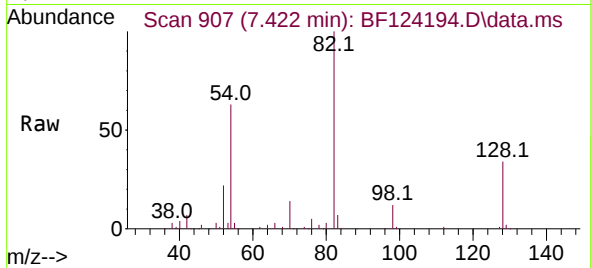




#25
Isophorone
Concen: 30.34 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

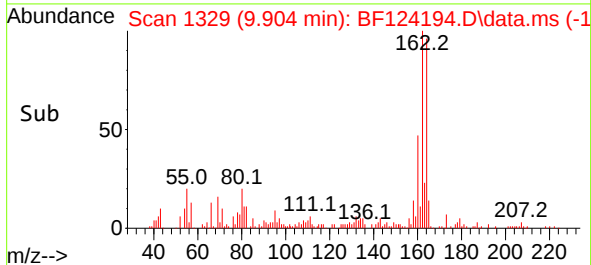
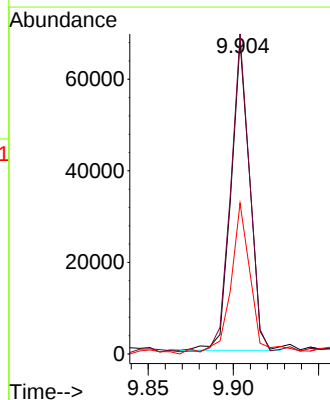
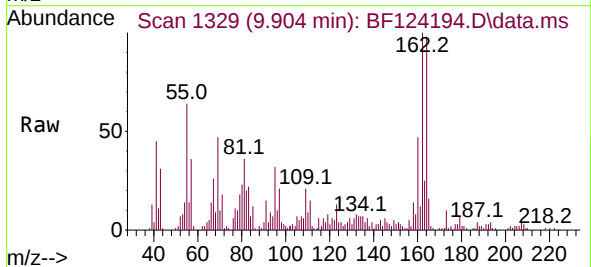
Instrument :
BNA_F
ClientSampleId :
VNJ-236

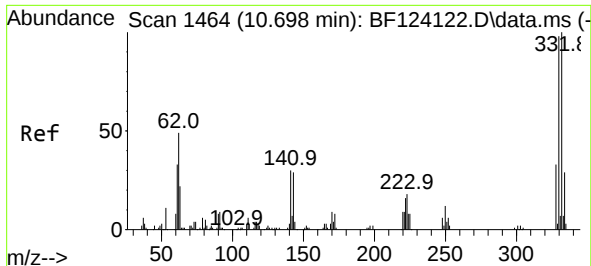
Tgt Ion: 82 Resp: 146785
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion: 164 Resp: 51724
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 48.2 37.3 55.9

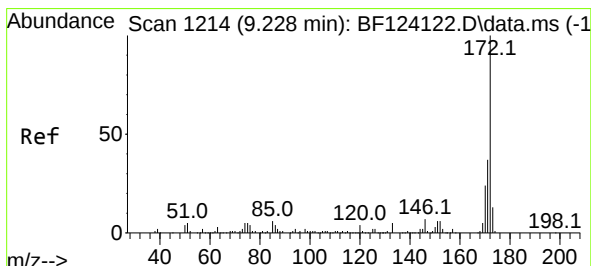
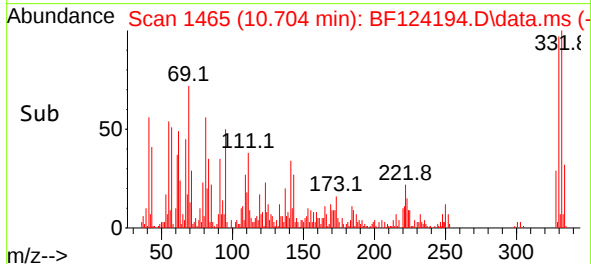
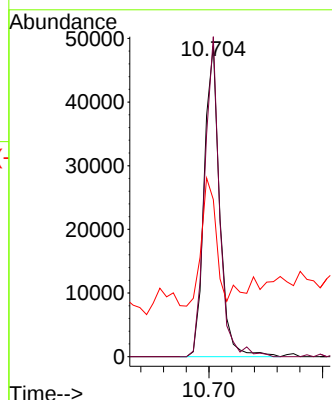
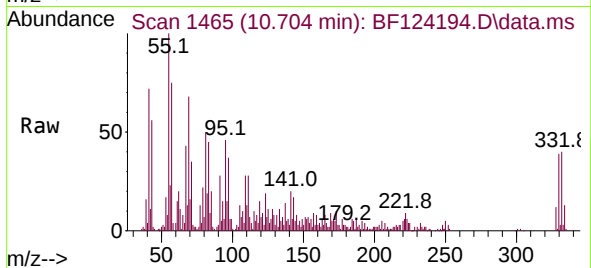




#42
2,4,6-Tribromophenol
Concen: 63.15 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

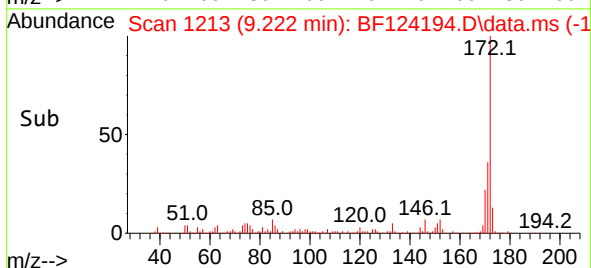
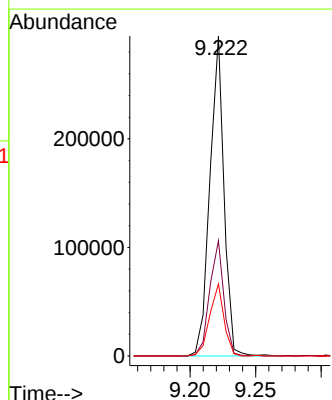
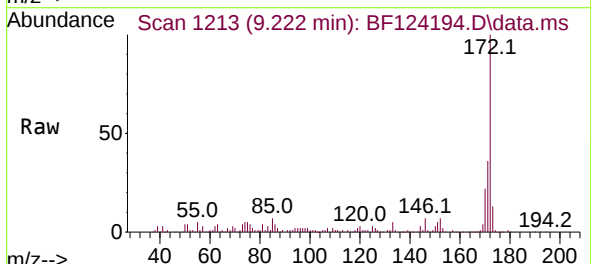
Instrument :
BNA_F
ClientSampleId :
VNJ-236

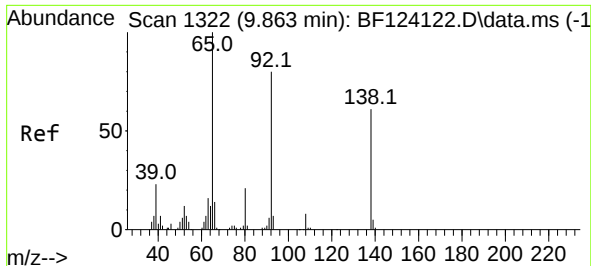
Tgt Ion: 330 Resp: 46277
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 53.77 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion: 172 Resp: 220997
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 22.5 19.2 28.8

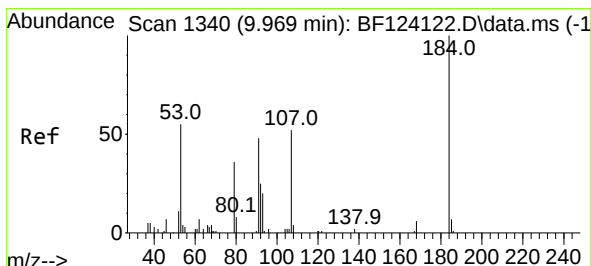
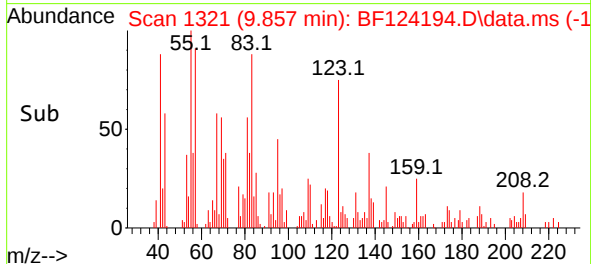
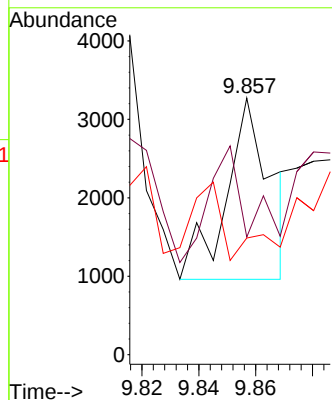
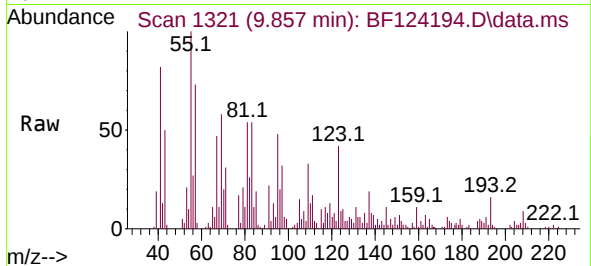




#53
3-Nitroaniline
Concen: 2.75 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

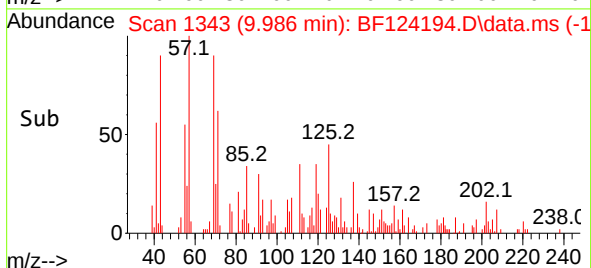
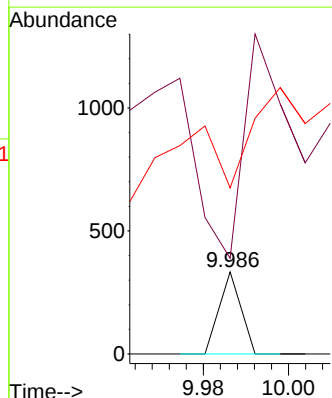
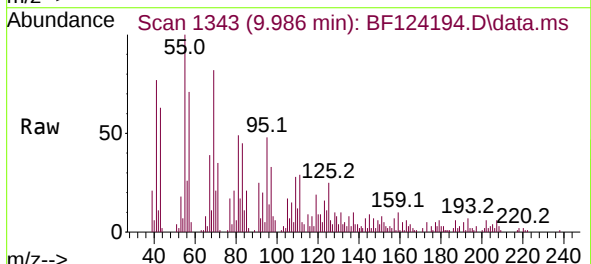
Instrument :
BNA_F
ClientSampleId :
VNJ-236

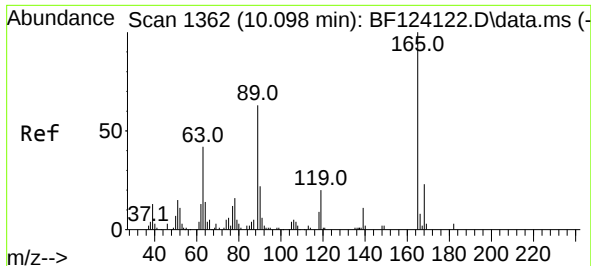
Tgt Ion:138 Resp: 2521
Ion Ratio Lower Upper
138 100
108 45.8 10.2 15.4#
92 45.4 103.3 154.9#



#54
2,4-Dinitrophenol
Concen: 3.74 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.017 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:184 Resp: 118
Ion Ratio Lower Upper
184 100
63 116.5 73.5 110.3#
154 202.1 52.5 78.7#

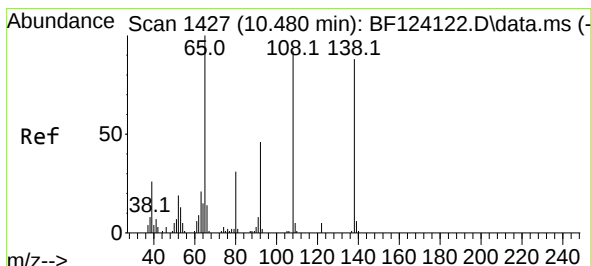
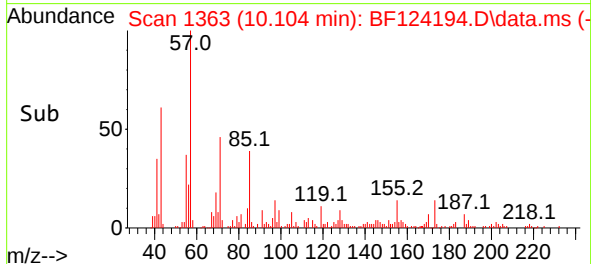
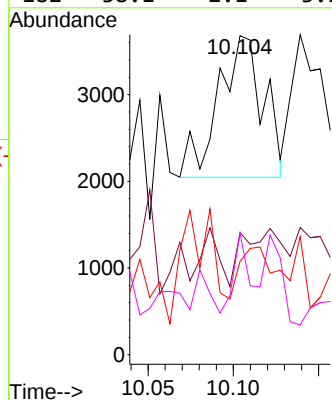
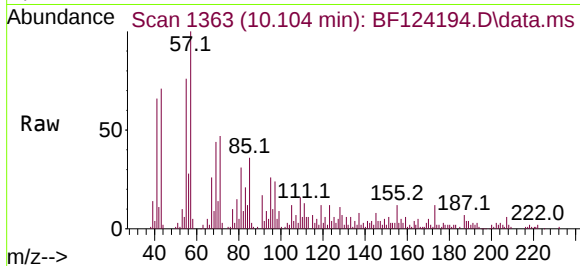




#57
2,4-Dinitrotoluene
Concen: 2.31 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

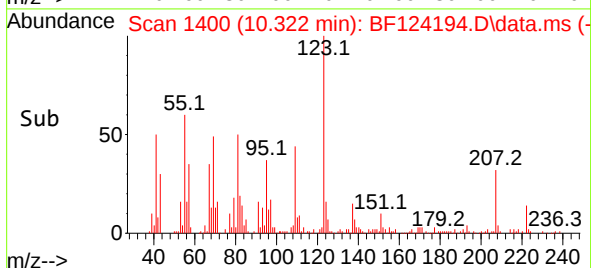
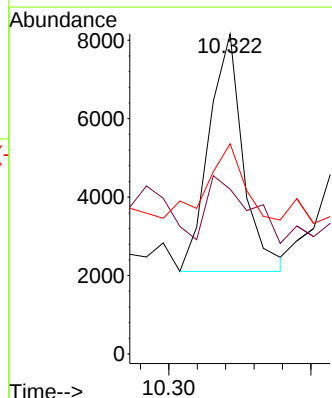
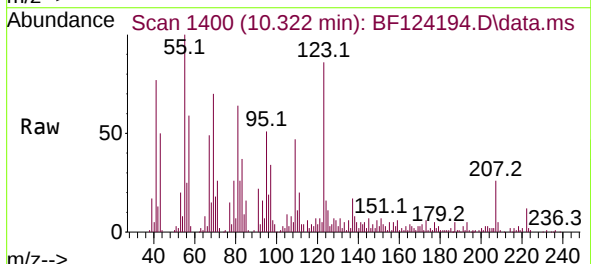
Instrument :
BNA_F
ClientSampled :
VNJ-236

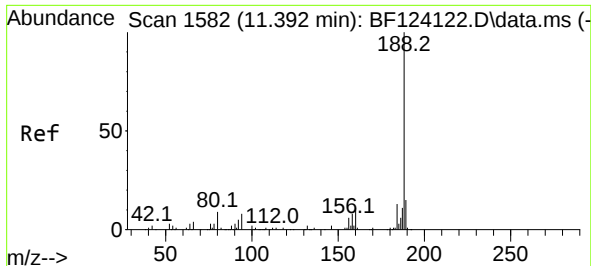
Tgt Ion:165 Resp: 2984
Ion Ratio Lower Upper
165 100
63 38.3 43.5 65.3#
89 29.3 67.7 101.5#
182 38.1 2.1 3.1#



#62
4-Nitroaniline
Concen: 5.49 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.159 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:138 Resp: 5068
Ion Ratio Lower Upper
138 100
92 51.5 35.8 75.8
108 65.7 63.6 103.6

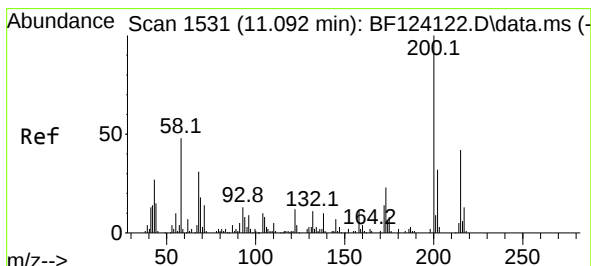
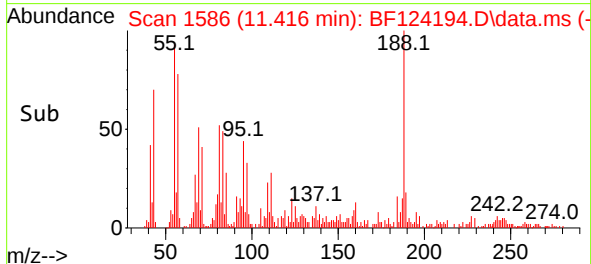
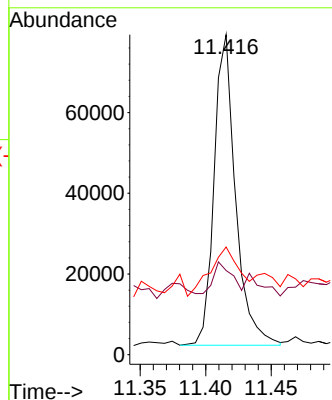
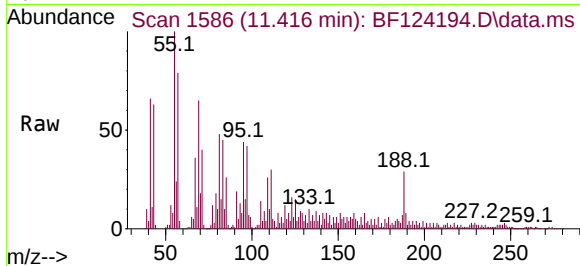




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.024 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

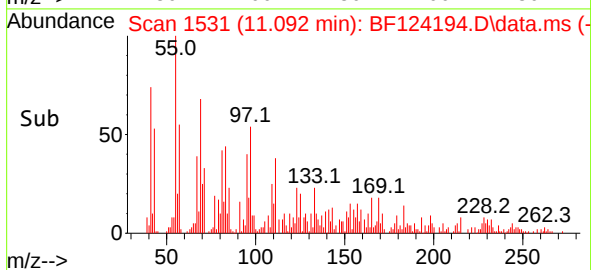
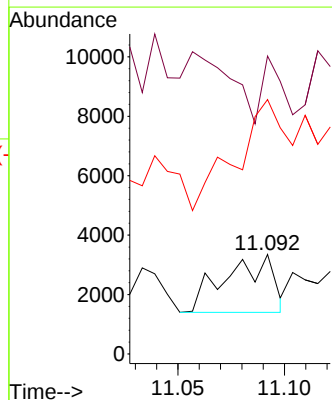
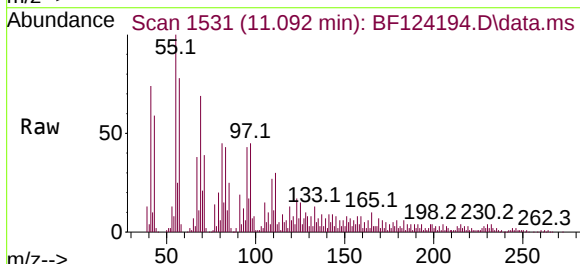
Instrument :
BNA_F
ClientSampled :
VNJ-236

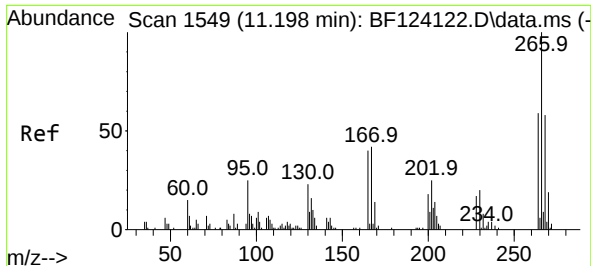
Tgt Ion:188 Resp: 87608
Ion Ratio Lower Upper
188 100
94 26.3 6.9 10.3#
80 33.7 8.2 12.2#



#69
Atrazine
Concen: 3.22 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:200 Resp: 3035
Ion Ratio Lower Upper
200 100
173 299.4 6.9 46.9#
215 255.7 26.5 66.5#

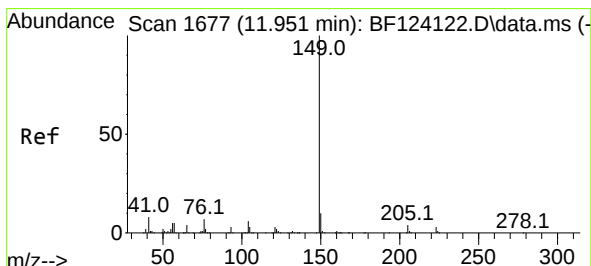
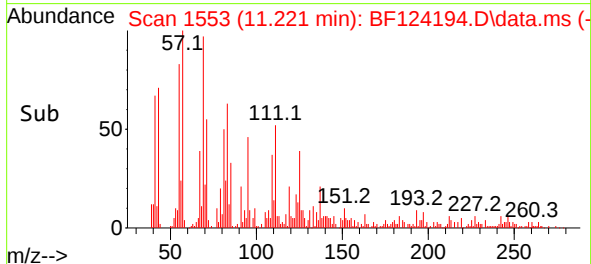
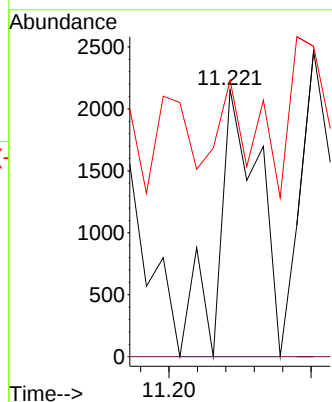
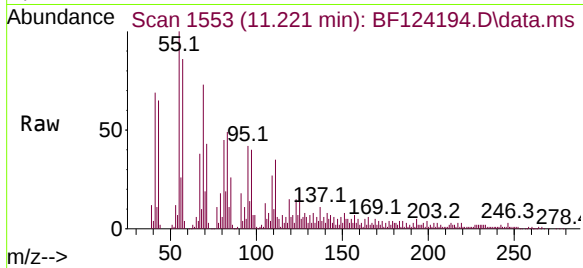




#70
Pentachlorophenol
Concen: 7.52 ng
RT: 11.221 min Scan# 1553
Delta R.T. 0.023 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

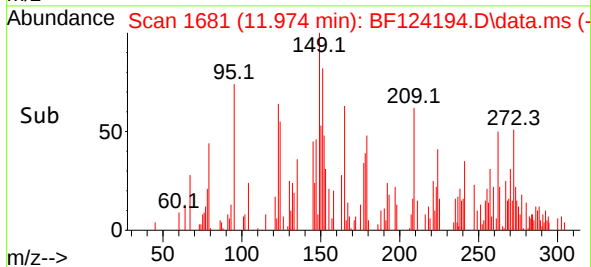
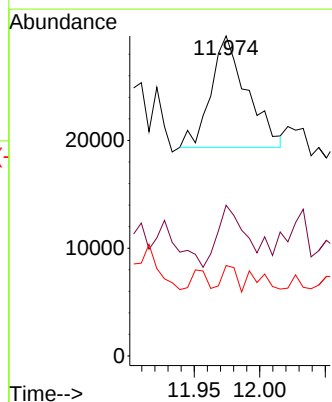
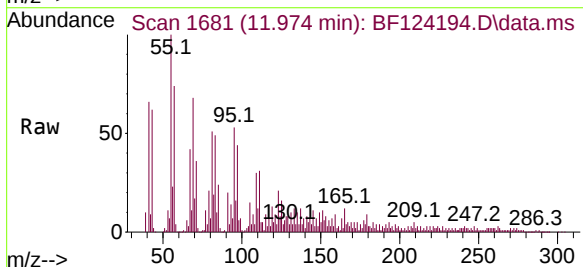
Instrument :
BNA_F
ClientSampleId :
VNJ-236

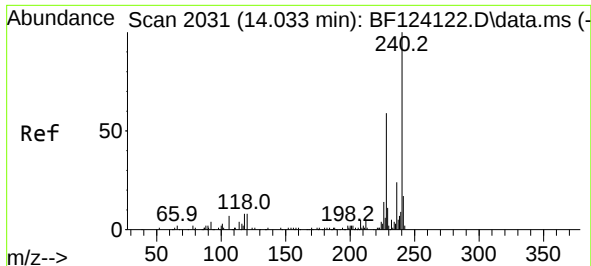
Tgt Ion:266 Resp: 2173
Ion Ratio Lower Upper
266 100
268 0.0 51.6 77.4#
264 103.6 52.6 78.8#



#74
Di-n-butylphthalate
Concen: 3.20 ng
RT: 11.974 min Scan# 1681
Delta R.T. 0.024 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:149 Resp: 19754
Ion Ratio Lower Upper
149 100
150 47.1 7.8 11.8#
104 28.2 4.6 6.8#

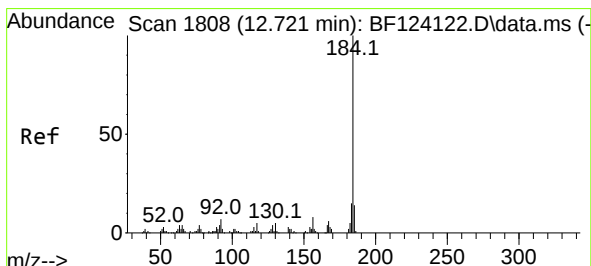
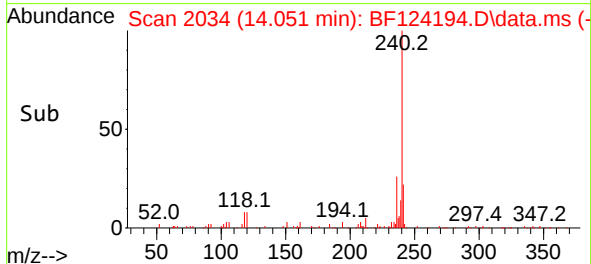
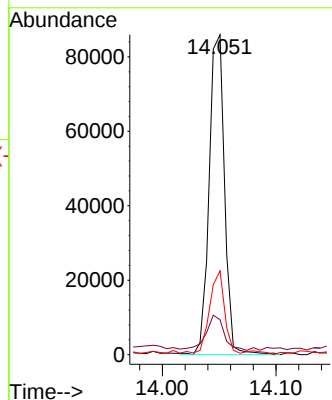
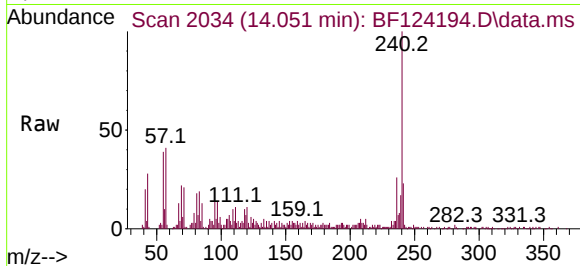




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.018 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

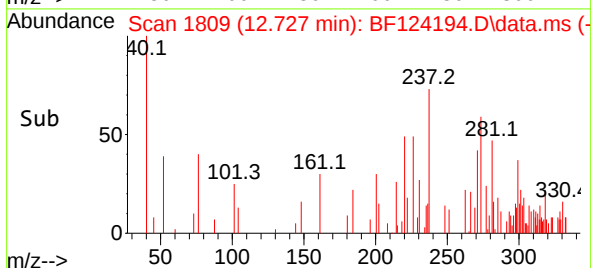
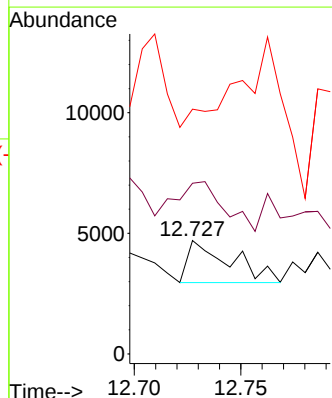
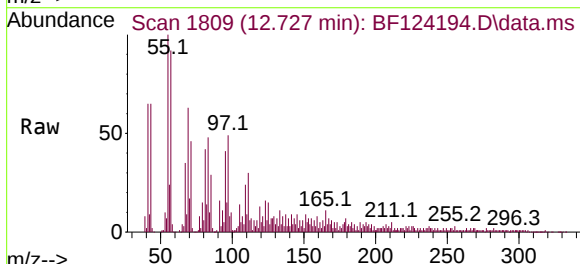
Instrument :
BNA_F
ClientSampled :
VNJ-236

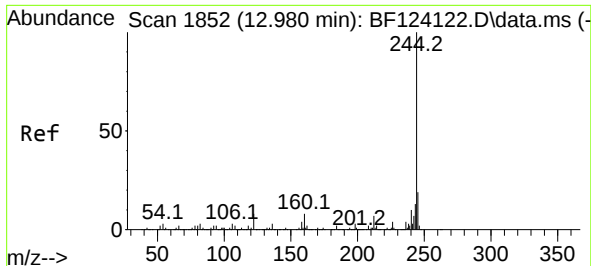
Tgt Ion:240 Resp: 80923
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 26.2 19.0 28.4



#77
Benzidine
Concen: 5.24 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:184 Resp: 2426
Ion Ratio Lower Upper
184 100
185 150.5 12.1 18.1#
183 215.9 7.8 11.8#

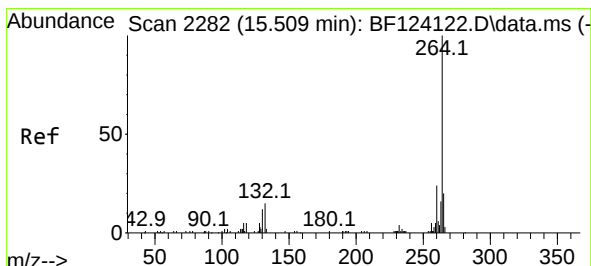
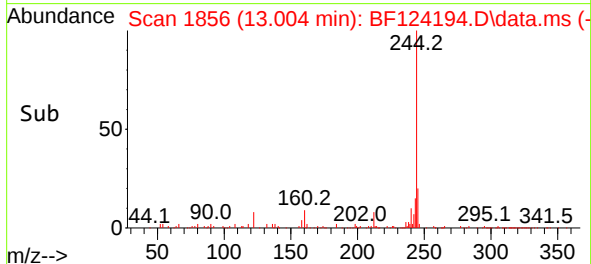
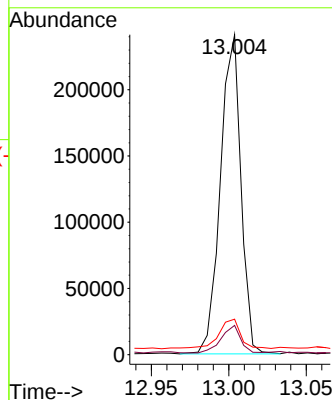
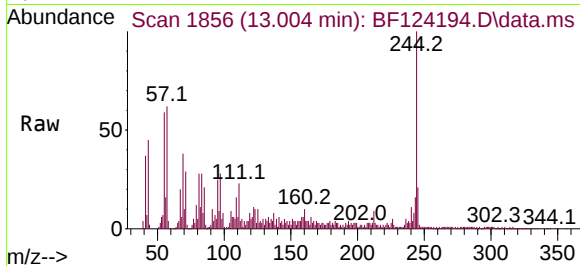




#79
Terphenyl-d14
Concen: 37.69 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.024 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

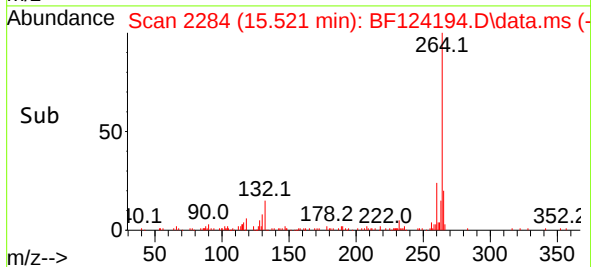
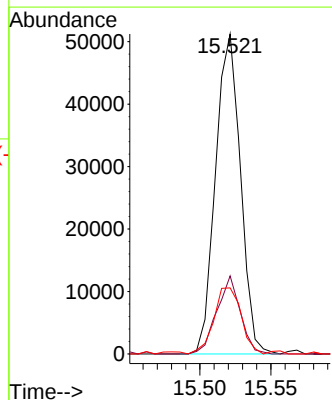
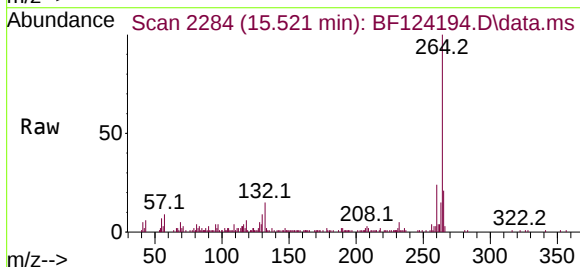
Instrument :
BNA_F
ClientSampled :
VNJ-236

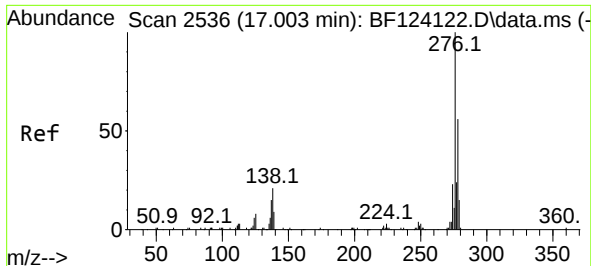
Tgt Ion:244 Resp: 222176
Ion Ratio Lower Upper
244 100
212 9.2 5.7 8.5#
122 11.1 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:264 Resp: 62474
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 20.6 17.8 26.8

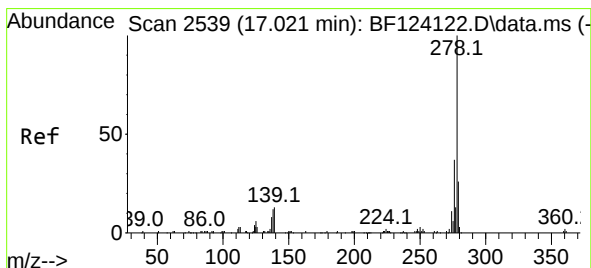
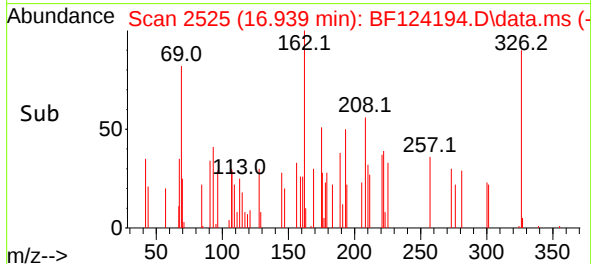
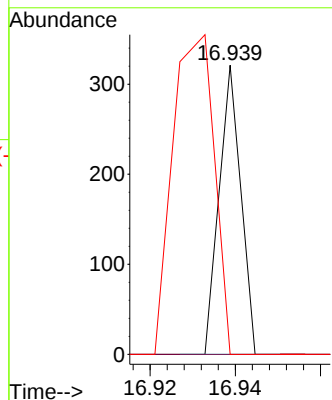
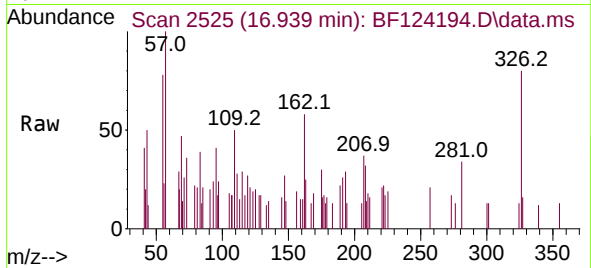




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.064 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

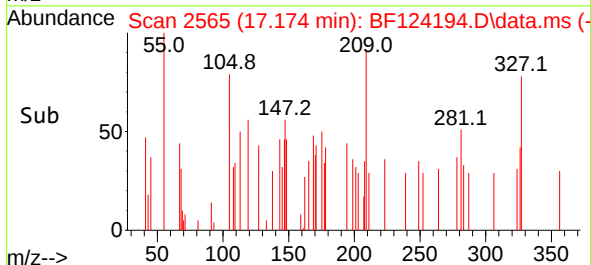
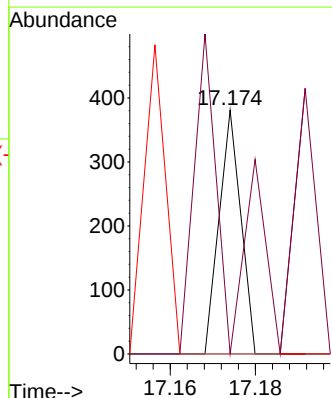
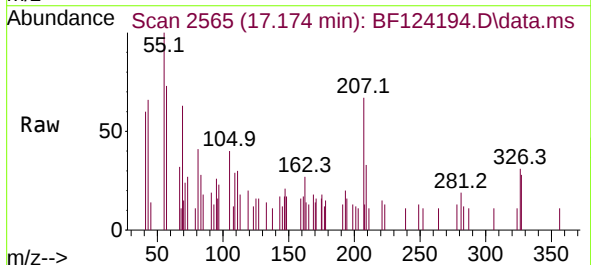
Instrument :
BNA_F
ClientSampled :
VNJ-236

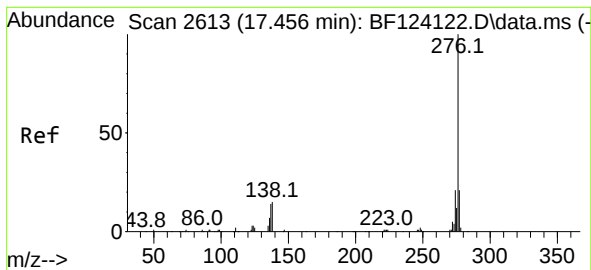
Tgt Ion:276 Resp: 113
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 212.4 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.20 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.153 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:278 Resp: 134
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: 3.92 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.000 min

Lab File: BF124194.D

Acq: 8 Jun 2021 22:56

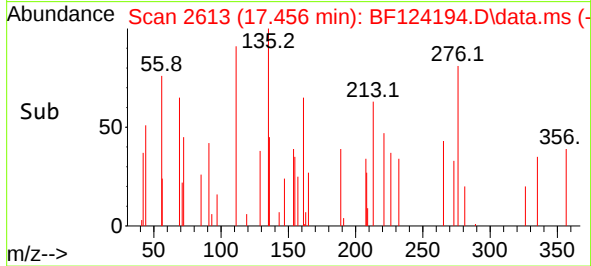
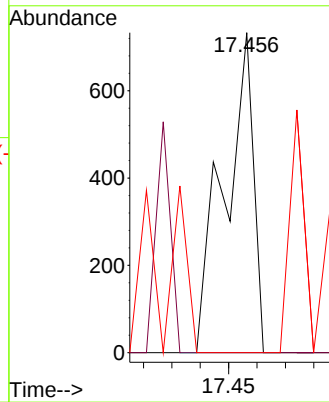
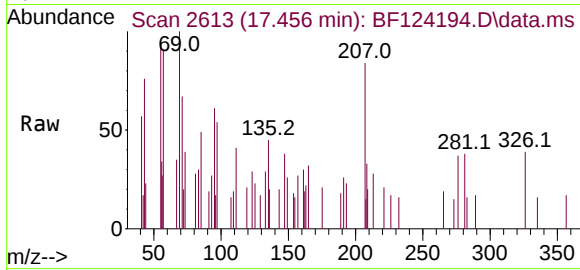
Tgt Ion:276 Resp: 519

Ion Ratio Lower Upper

276 100

277 0.0 18.2 27.2#

138 0.0 13.8 20.6#



Instrument :

BNA_F

ClientSampleId :

VNJ-236