

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124226.D
 Acq On : 10 Jun 2021 10:21
 Operator : JU/CG
 Sample : PB136946BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136946BL

Quant Time: Jun 10 11:32:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

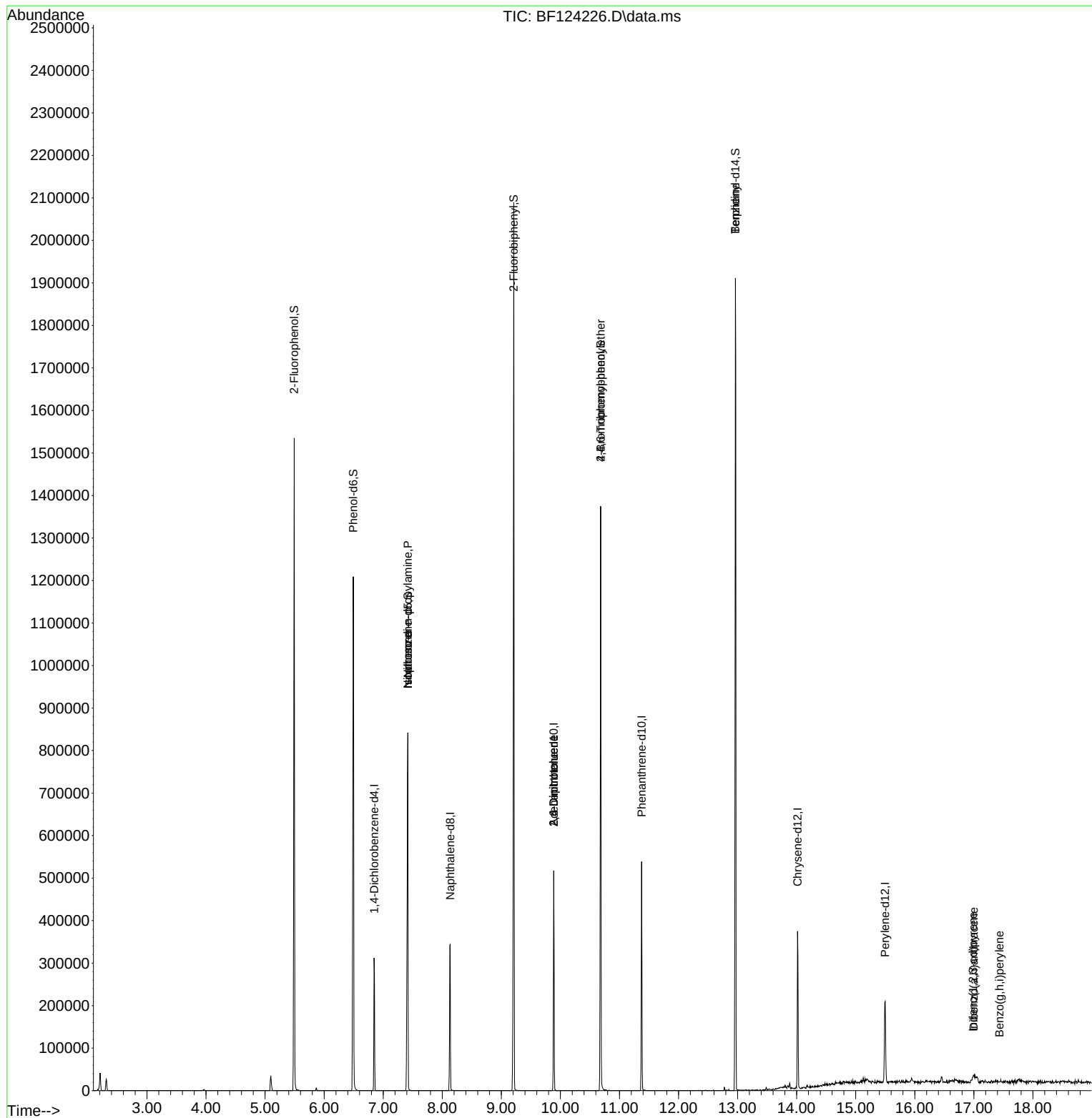
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	40376	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	154537	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	92652	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	173585	20.000	ng	0.00
76) Chrysene-d12	14.016	240	116337	20.000	ng	0.00
86) Perylene-d12	15.498	264	85376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	307541	114.661	ng	0.01
7) Phenol-d6	6.493	99	384711	106.708	ng	0.00
23) Nitrobenzene-d5	7.416	82	290640	74.592	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	138194	105.278	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	552961	75.101	ng	0.00
79) Terphenyl-d14	12.963	244	628684	74.194	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	42061	16.527	ng	# 62
25) Isophorone	7.416	82	289589	41.244	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	11252	6.402	ng	# 11
57) 2,4-Dinitrotoluene	9.886	165	11252	4.854	ng	# 17
67) 4-Bromophenyl-phenylether	10.681	248	10027	4.208	ng	# 1
77) Benzidine	12.963	184	11676	8.003	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.986	276	493	4.398	ng	# 53
91) Dibenzo(a,h)anthracene	16.998	278	141	4.196	ng	# 57
92) Benzo(g,h,i)perylene	17.433	276	109	3.824	ng	# 56

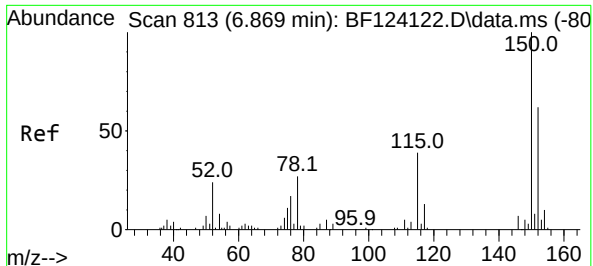
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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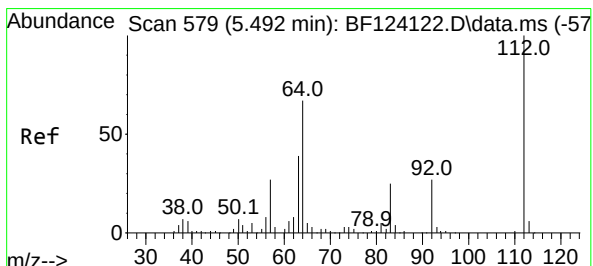
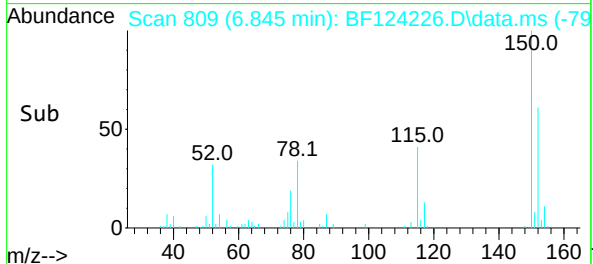
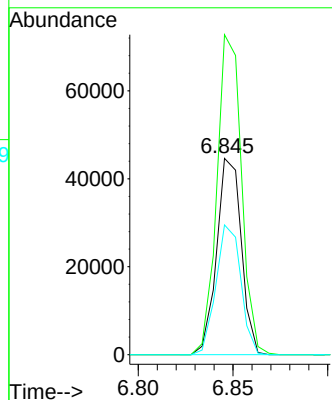
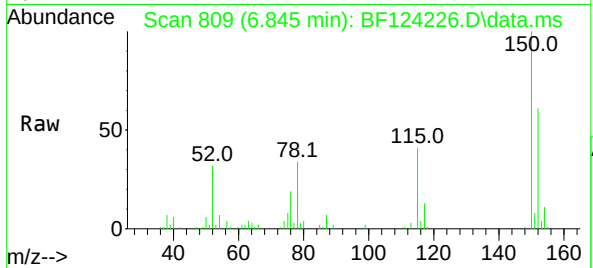




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

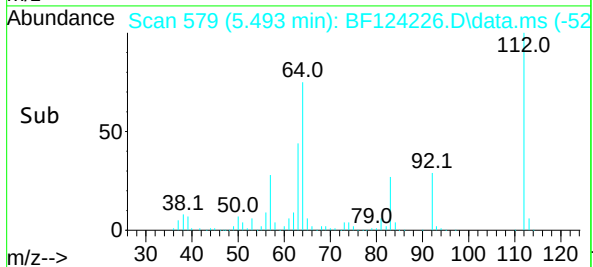
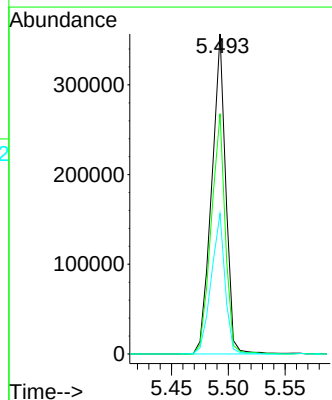
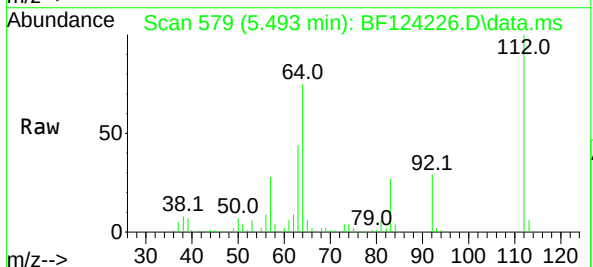
Instrument :
BNA_F
ClientSampleId :
PB136946BL

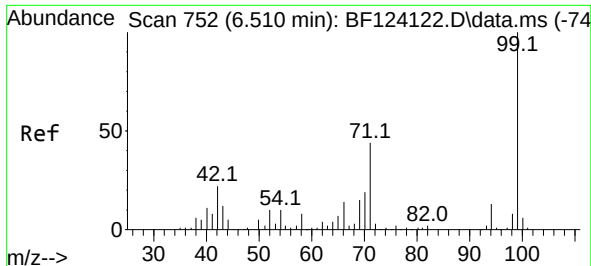
Tgt Ion:152 Resp: 40376
Ion Ratio Lower Upper
152 100
150 163.0 127.0 190.6
115 66.1 54.3 81.5



#5
2-Fluorophenol
Concen: 114.661 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Tgt Ion:112 Resp: 307541
Ion Ratio Lower Upper
112 100
64 75.1 61.4 92.0
63 43.9 33.0 49.4

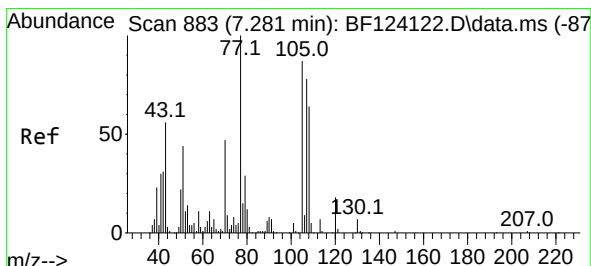
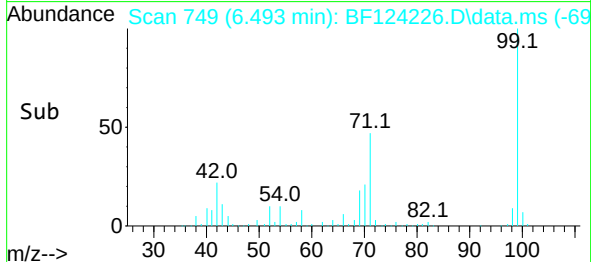
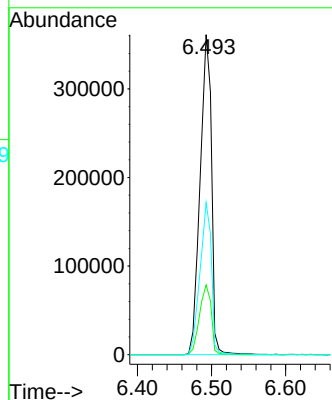
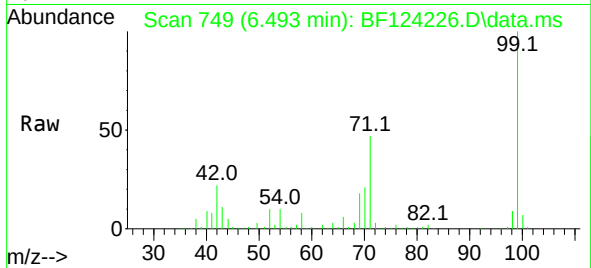




#7
Phenol-d6
Concen: 106.708 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

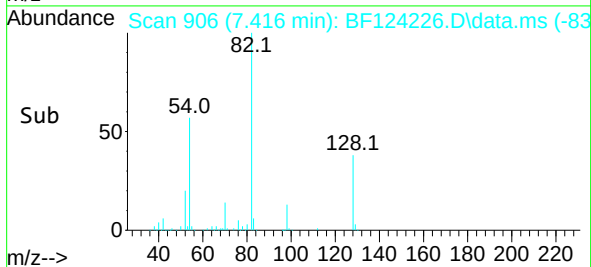
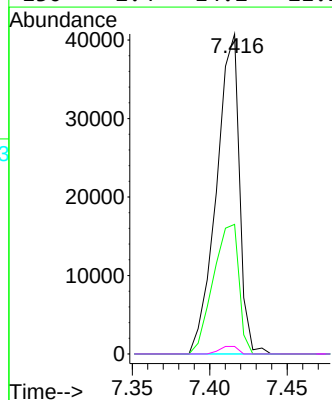
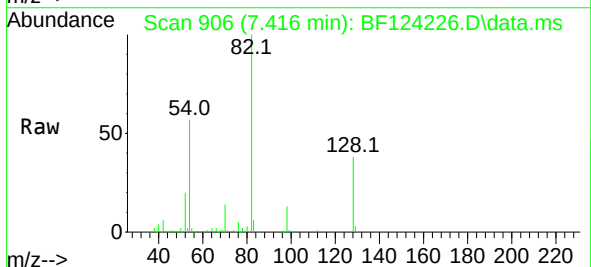
Instrument :
BNA_F
ClientSampleID :
PB136946BL

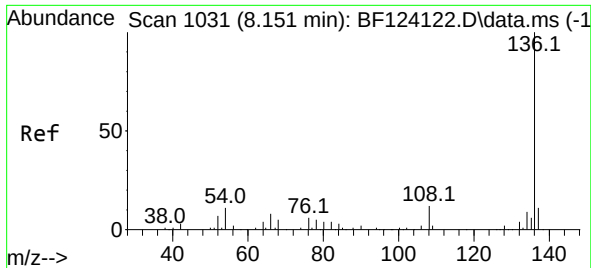
Tgt Ion: 99 Resp: 384711
Ion Ratio Lower Upper
99 100
42 21.8 19.8 29.8
71 47.5 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 16.527 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

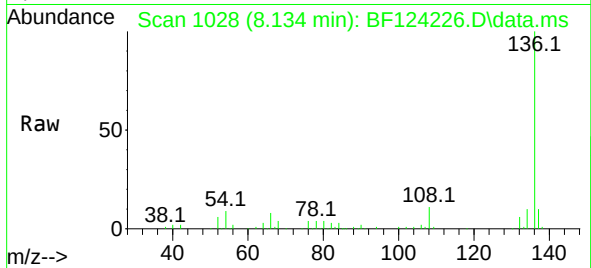
Tgt Ion: 70 Resp: 42061
Ion Ratio Lower Upper
70 100
42 40.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#



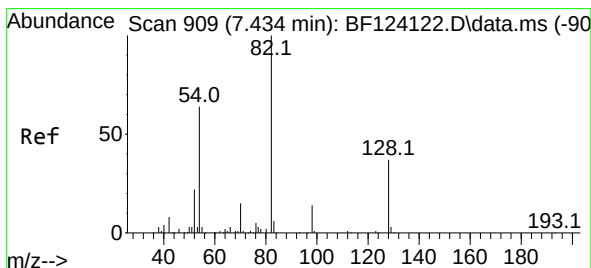
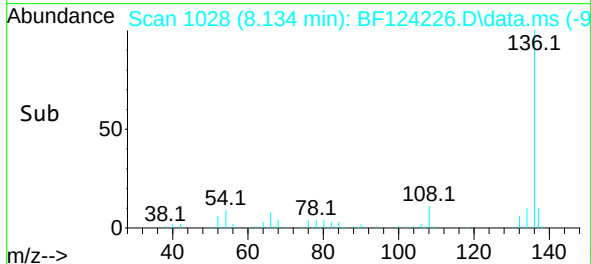
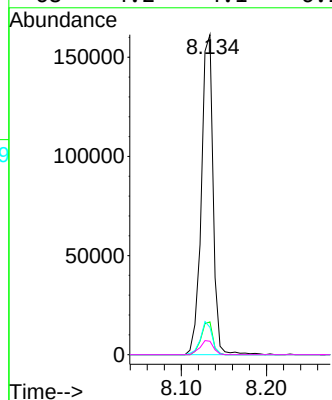


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Instrument :
BNA_F
ClientSampleId :
PB136946BL

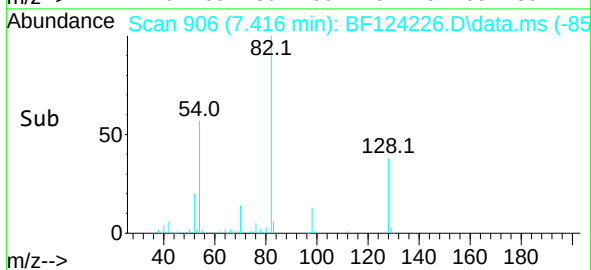
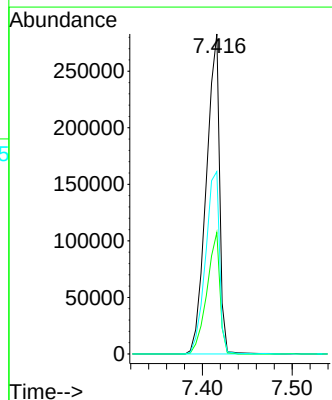
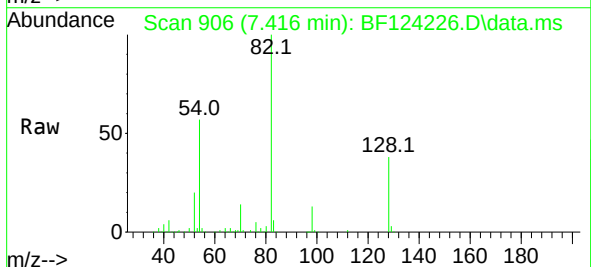


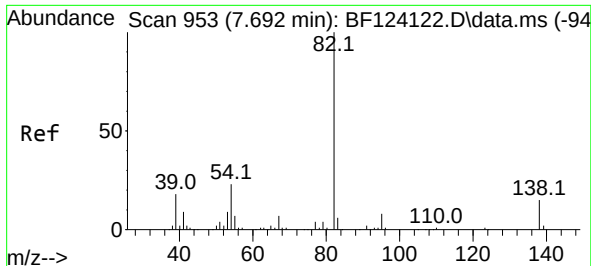
Tgt Ion:	136	Resp:	154537
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.7	13.1
54	8.6	9.8	14.6#
68	4.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 74.592 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Tgt Ion:	82	Resp:	290640
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.4	44.2
54	57.0	54.1	81.1

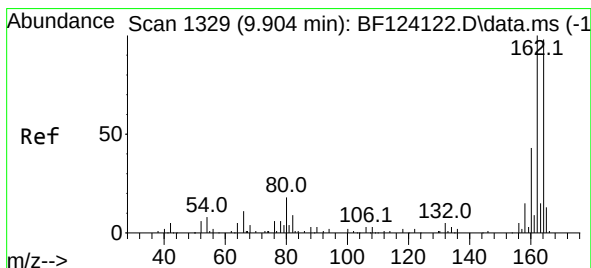
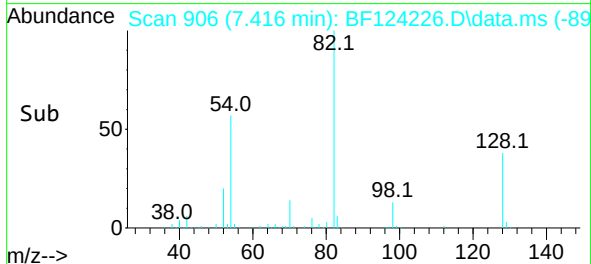
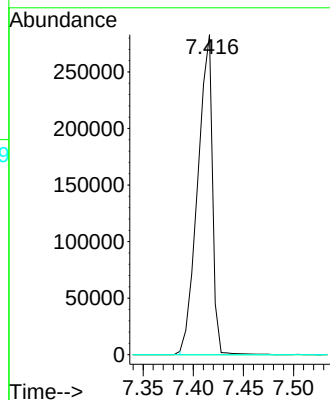
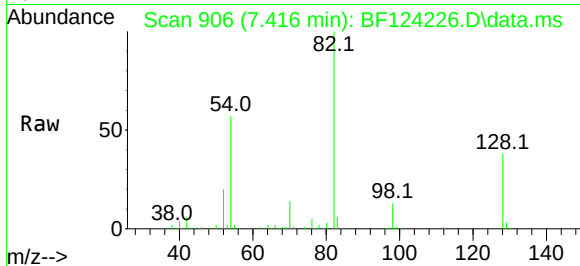




#25
Isophorone
Concen: 41.244 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

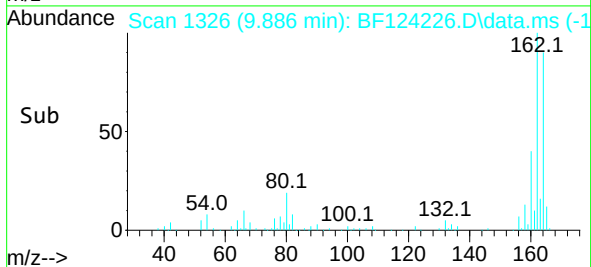
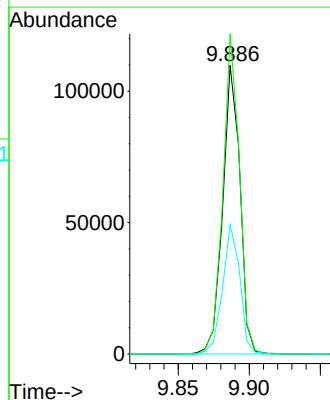
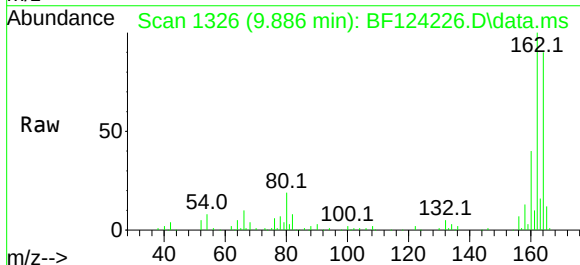
Instrument :
BNA_F
ClientSampleId :
PB136946BL

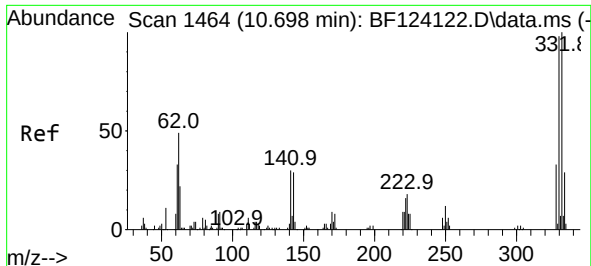
Tgt Ion: 82 Resp: 289589
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

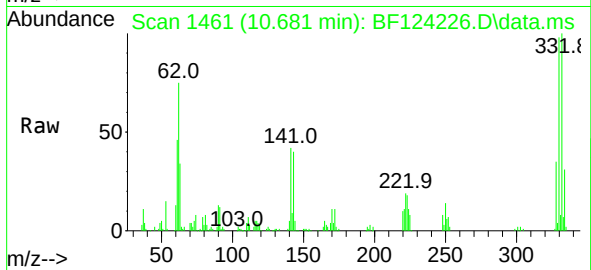
Tgt Ion:164 Resp: 92652
Ion Ratio Lower Upper
164 100
162 110.9 80.7 121.1
160 44.9 37.3 55.9



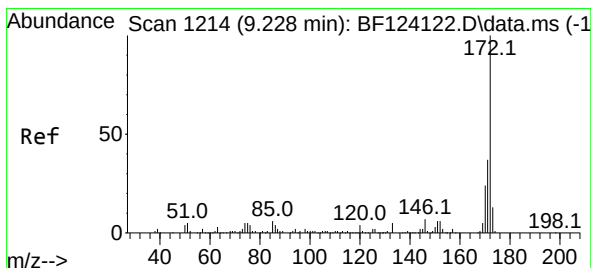
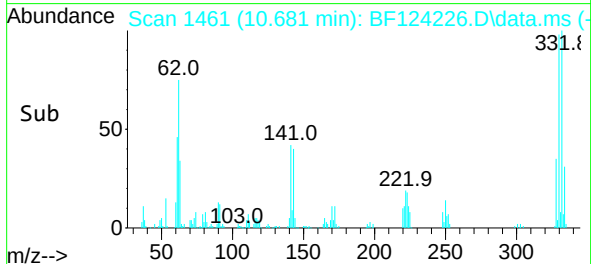
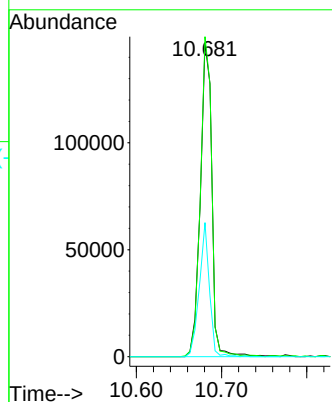


#42
2,4,6-Tribromophenol
Concen: 105.278 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Instrument :
BNA_F
ClientSampled :
PB136946BL

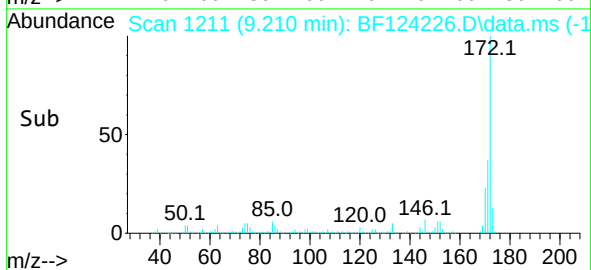
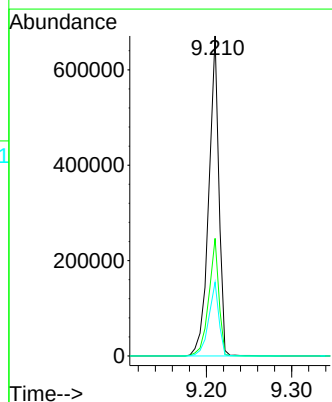
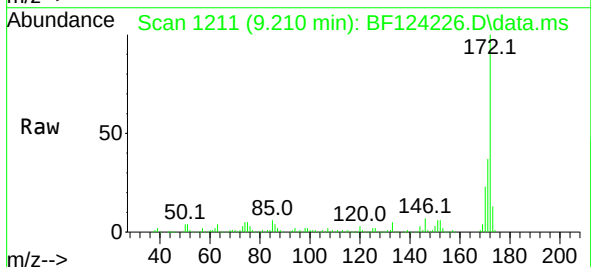


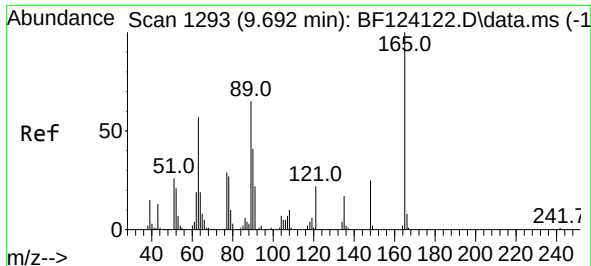
Tgt Ion:330 Resp: 138194
Ion Ratio Lower Upper
330 100
332 99.7 77.1 115.7
141 37.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 75.101 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Tgt Ion:172 Resp: 552961
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 23.1 19.2 28.8

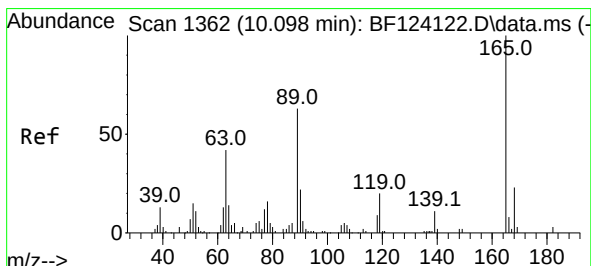
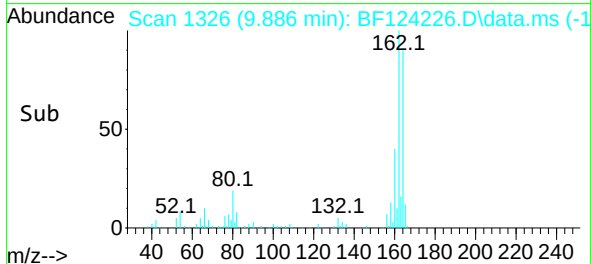
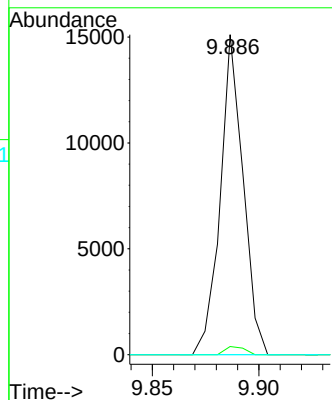
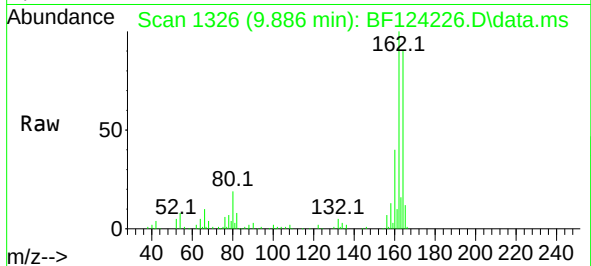




#51
2,6-Dinitrotoluene
Concen: 6.402 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

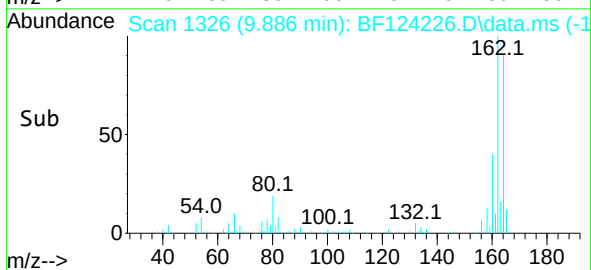
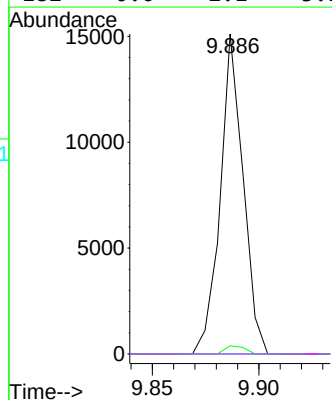
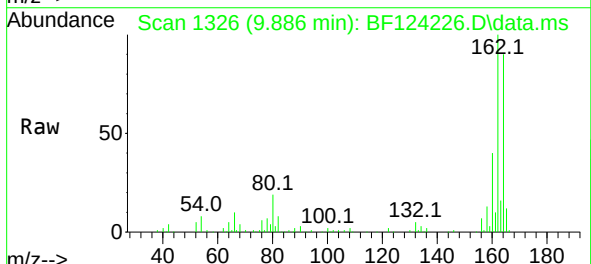
Instrument :
BNA_F
ClientSampleId :
PB136946BL

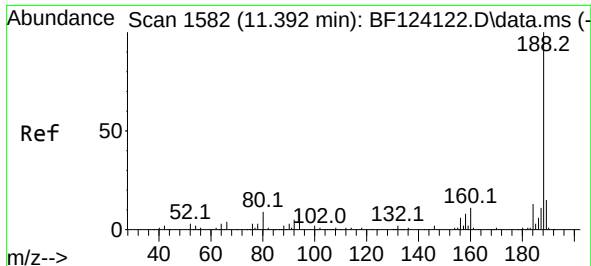
Tgt Ion:165 Resp: 11252
Ion Ratio Lower Upper
165 100
63 2.5 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.854 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Tgt Ion:165 Resp: 11252
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

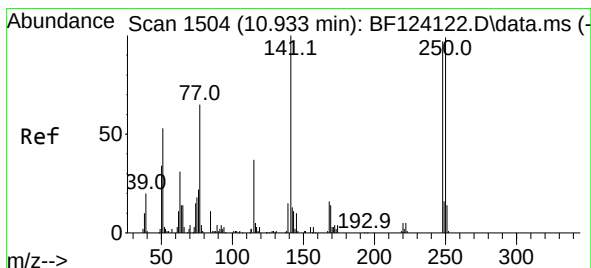
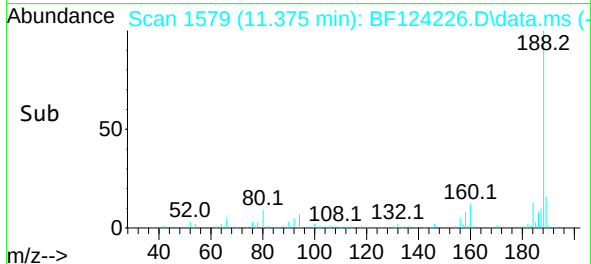
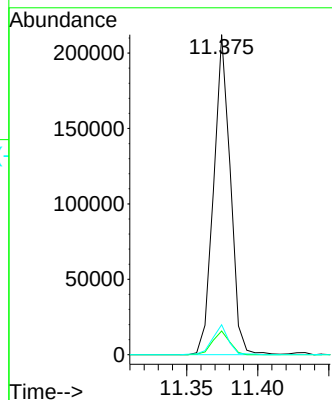
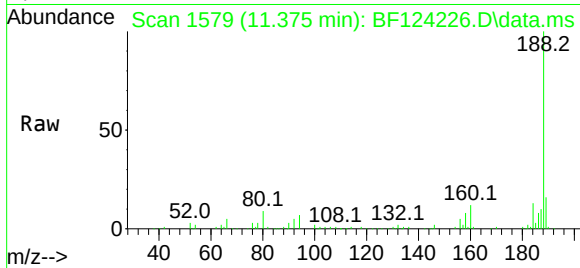




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

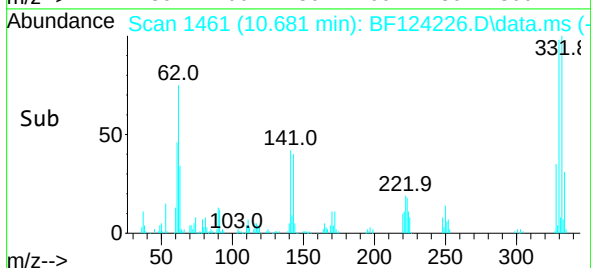
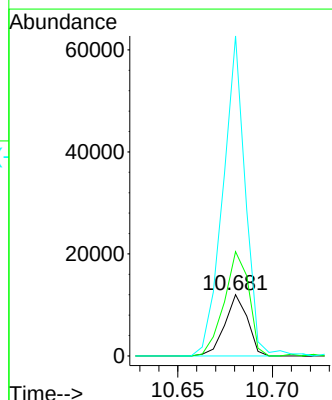
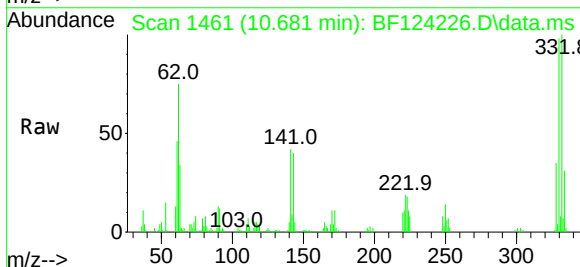
Instrument :
BNA_F
ClientSampleId :
PB136946BL

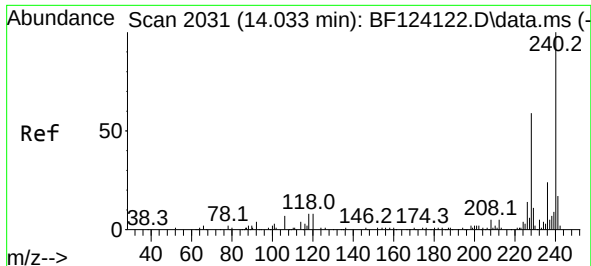
Tgt Ion:188 Resp: 173585
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Tgt Ion:248 Resp: 10027
Ion Ratio Lower Upper
248 100
250 170.3 77.4 116.2#
141 522.8 63.7 95.5#

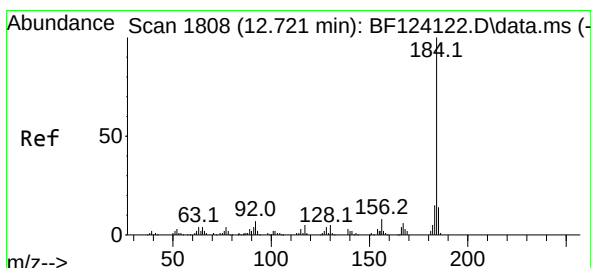
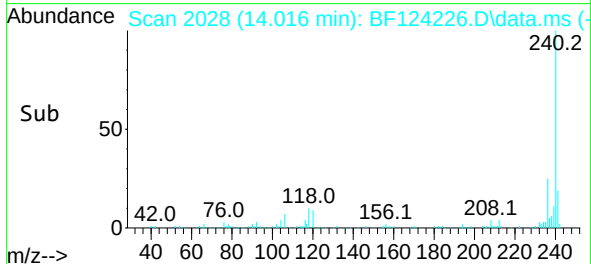
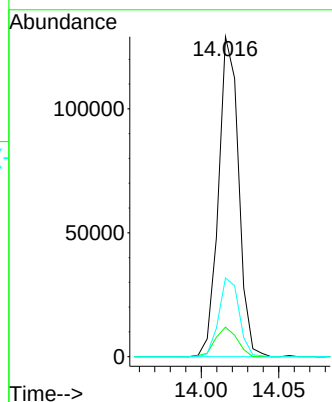
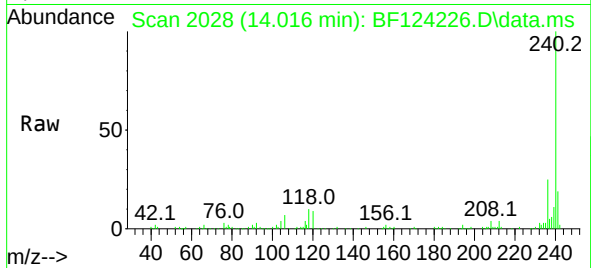




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

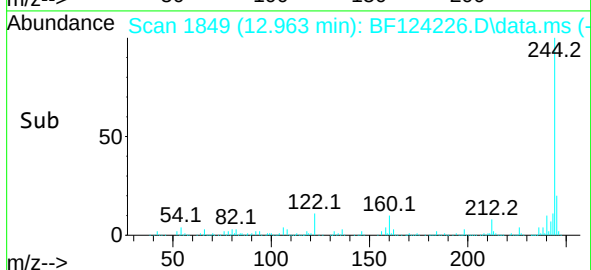
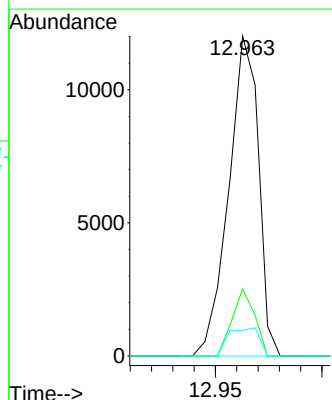
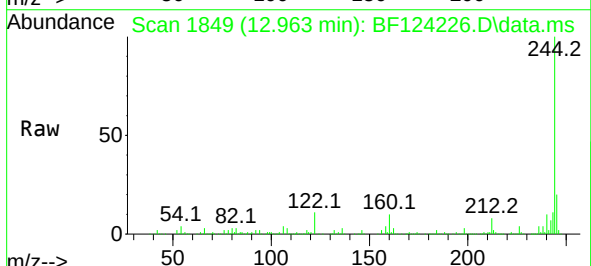
Instrument :
BNA_F
ClientSampleId :
PB136946BL

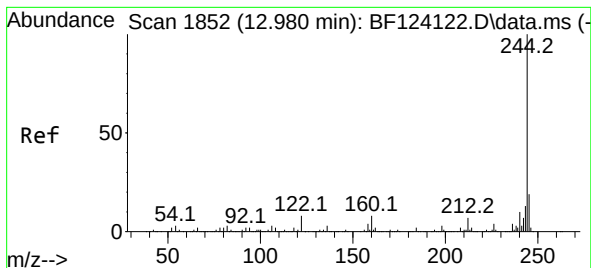
Tgt Ion:240 Resp: 116337
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 24.6 19.0 28.4



#77
Benzidine
Concen: 8.003 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

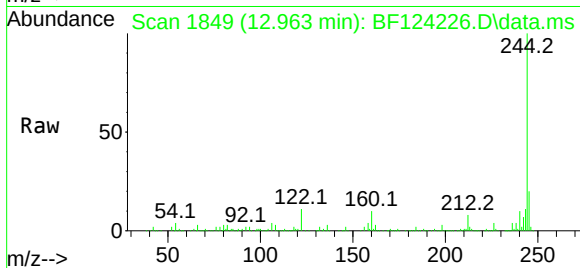
Tgt Ion:184 Resp: 11676
Ion Ratio Lower Upper
184 100
185 20.9 12.1 18.1#
183 8.0 7.8 11.8



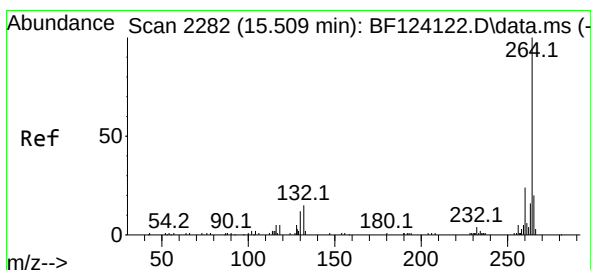
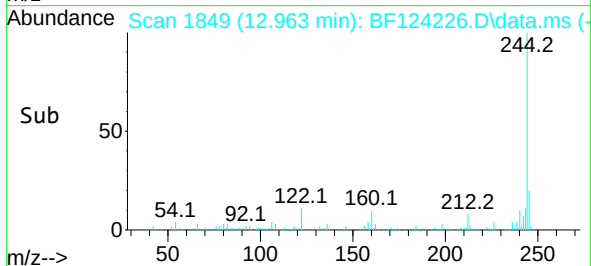
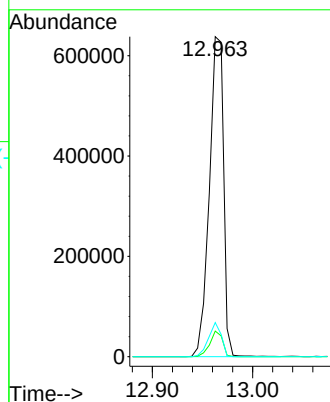


#79
Terphenyl-d14
Concen: 74.194 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Instrument :
BNA_F
ClientSampleId :
PB136946BL

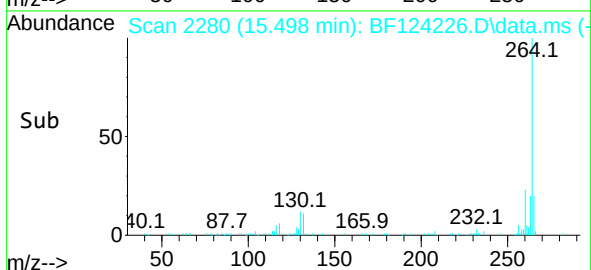
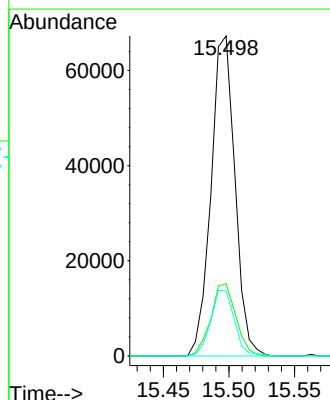
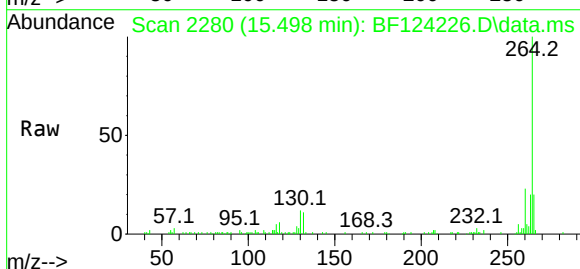


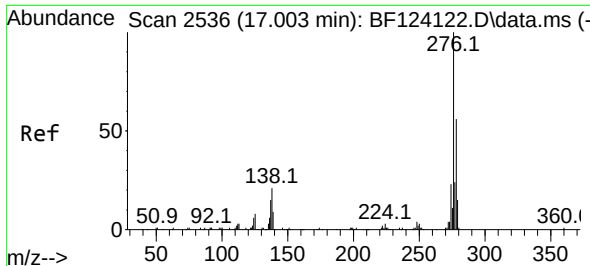
Tgt Ion:244 Resp: 628684
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 10.7 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Tgt Ion:264 Resp: 85376
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 20.4 17.8 26.8

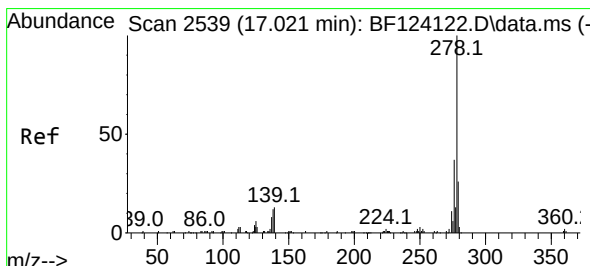
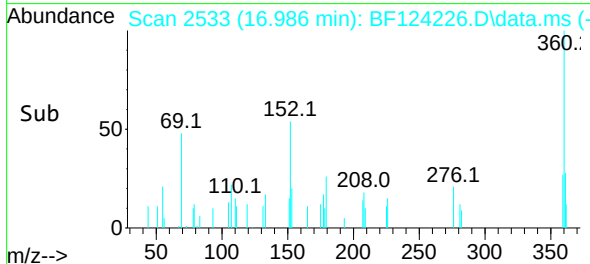
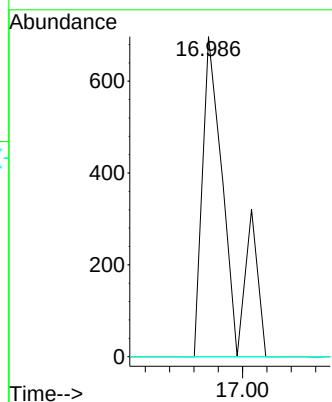
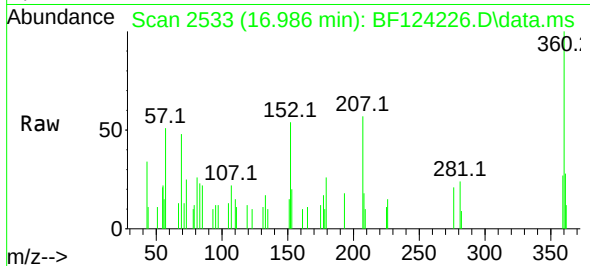




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.398 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

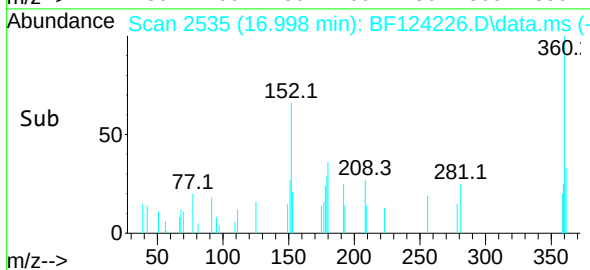
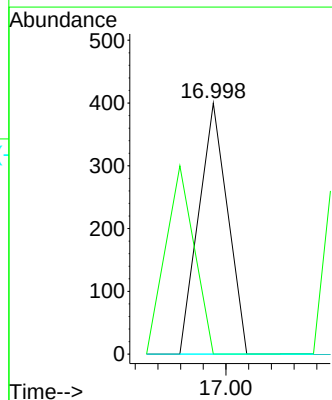
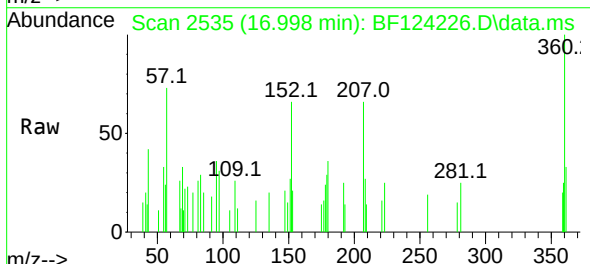
Instrument :
BNA_F
ClientSampleId :
PB136946BL

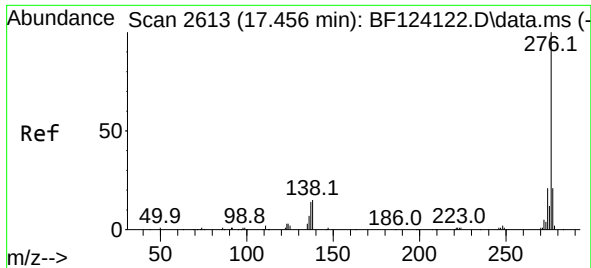
Tgt Ion:276 Resp: 493
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.196 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF124226.D
Acq: 10 Jun 2021 10:21

Tgt Ion:278 Resp: 141
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: 3.824 ng
 RT: 17.433 min Scan# 2609
 Delta R.T. 0.000 min
 Lab File: BF124226.D
 Acq: 10 Jun 2021 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB136946BL

Tgt Ion:276 Resp: 109
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 13.8 20.6#

