

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
 Data File : BF124258.D
 Acq On : 11 Jun 2021 13:33
 Operator : JU/CG
 Sample : PB136924BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136924BL

Quant Time: Jun 11 13:58:03 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)

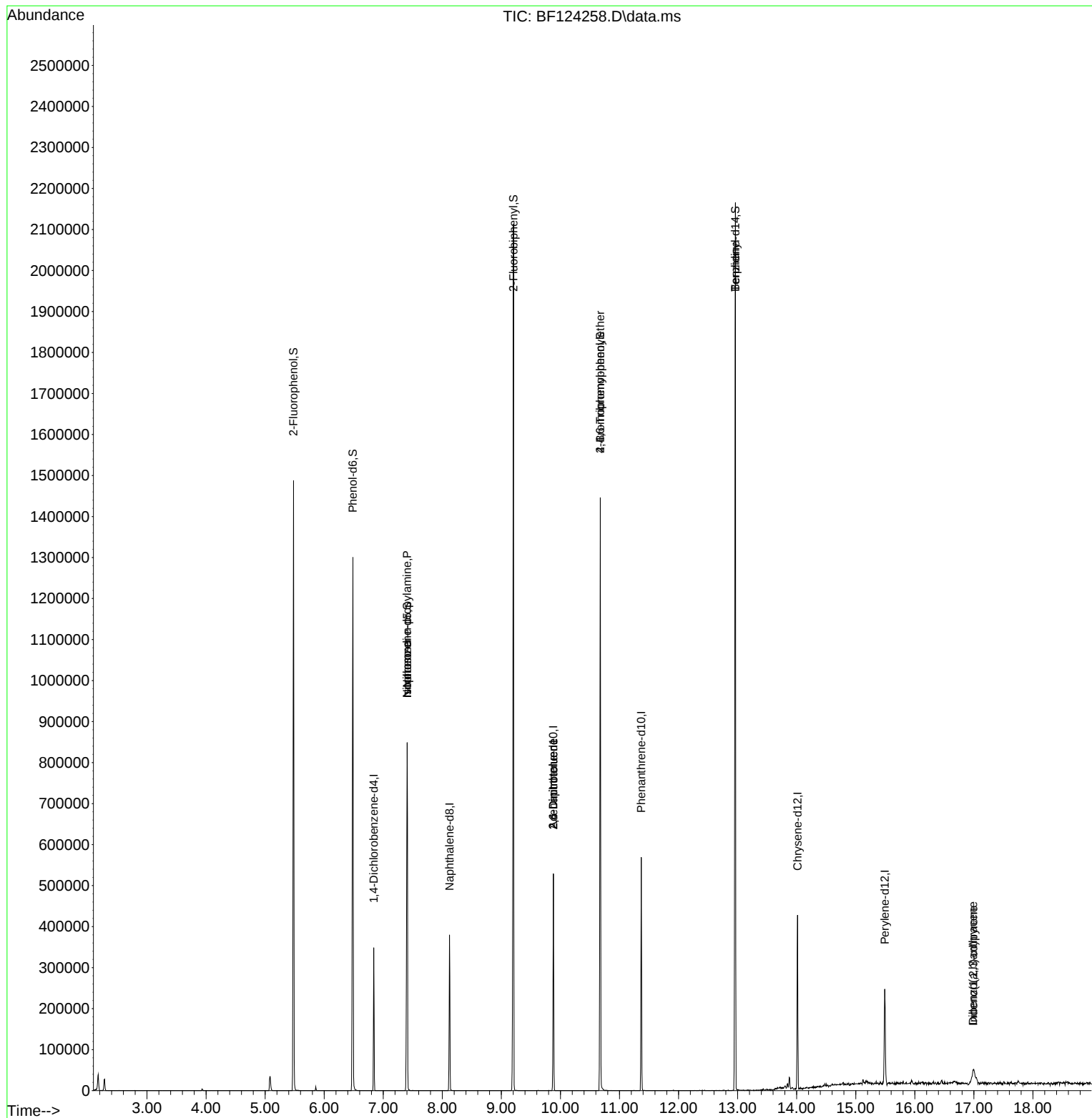
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	41828	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	153308	20.000	ng	#-0.01
39) Acenaphthene-d10	9.880	164	94245	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	180234	20.000	ng	0.00
76) Chrysene-d12	14.016	240	128755	20.000	ng	0.00
86) Perylene-d12	15.492	264	93582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	310993	111.923	ng	0.00
7) Phenol-d6	6.487	99	381083	102.032	ng	-0.01
23) Nitrobenzene-d5	7.404	82	291592	75.436	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	147606	110.548	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	554556	74.045	ng	0.00
79) Terphenyl-d14	12.963	244	689219	73.494	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	42891	16.268	ng	# 66
25) Isophorone	7.404	82	291585	41.861	ng	# 69
51) 2,6-Dinitrotoluene	9.880	165	12067	6.750	ng	# 11
57) 2,4-Dinitrotoluene	9.880	165	12067	5.118	ng	# 17
67) 4-Bromophenyl-phenylether	10.675	248	9453	3.821	ng	# 1
77) Benzidine	12.963	184	11592	7.597	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.992	276	567	4.401	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	112	4.190	ng	# 1

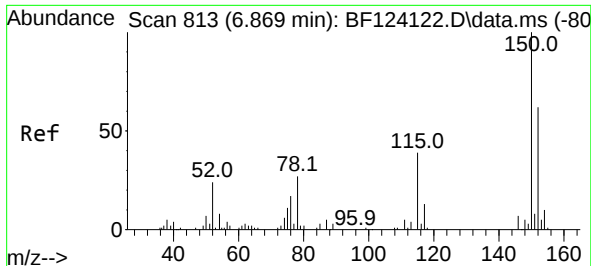
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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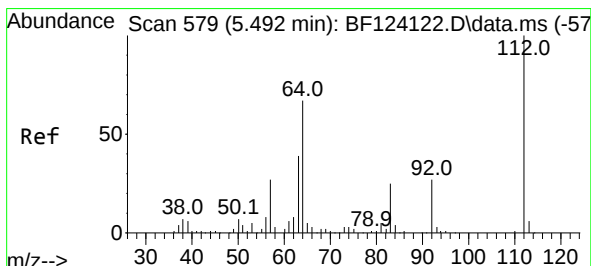
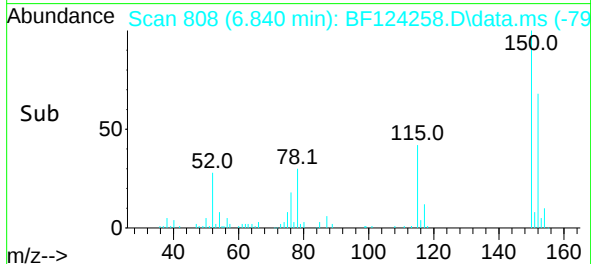
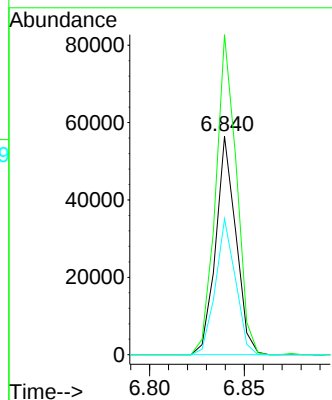
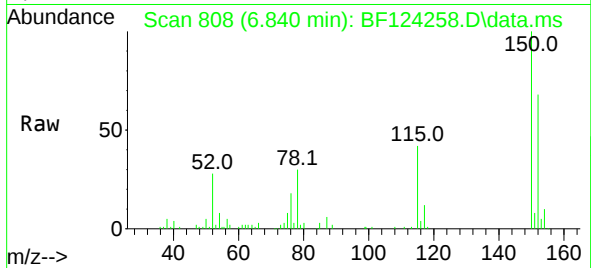




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

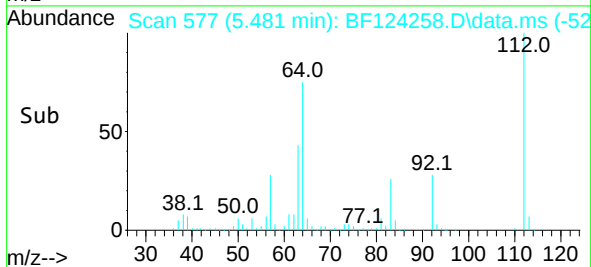
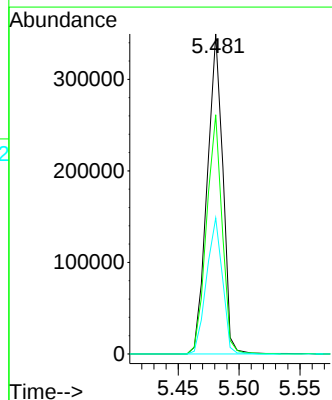
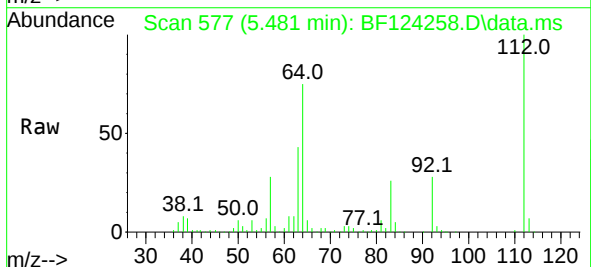
Instrument :
BNA_F
ClientSampleID :
PB136924BL

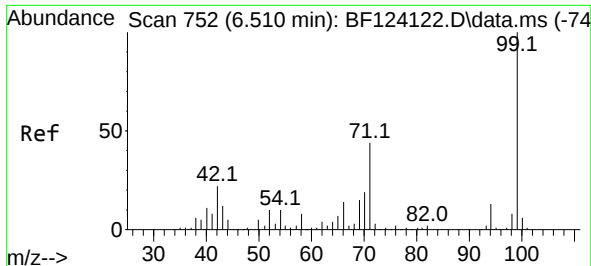
Tgt Ion:152 Resp: 41828
Ion Ratio Lower Upper
152 100
150 146.5 127.0 190.6
115 62.2 54.3 81.5



#5
2-Fluorophenol
Concen: 111.923 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

Tgt Ion:112 Resp: 310993
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 42.5 33.0 49.4

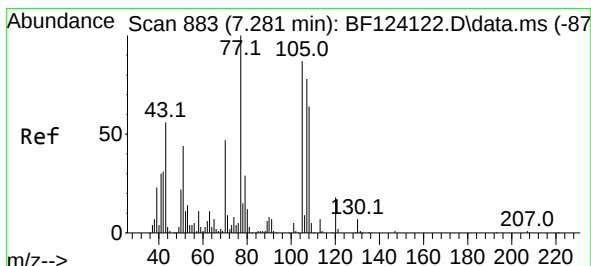
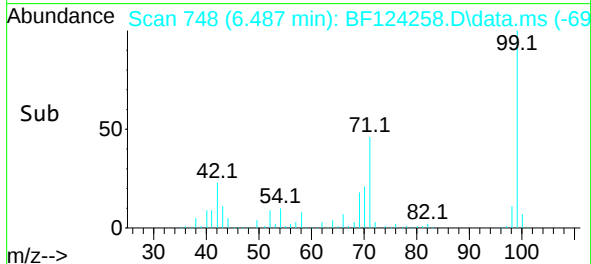
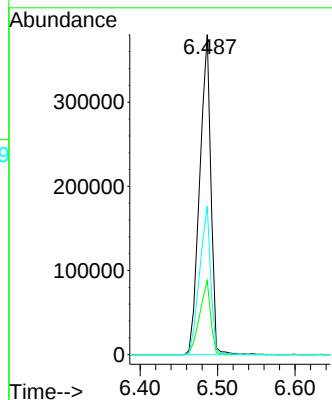
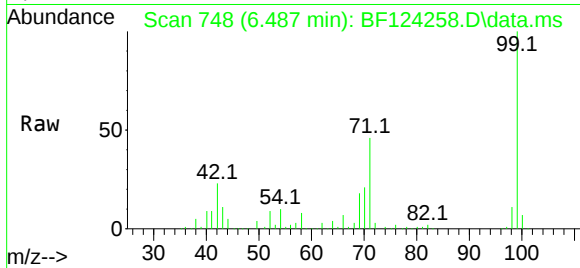




#7
Phenol-d6
Concen: 102.032 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

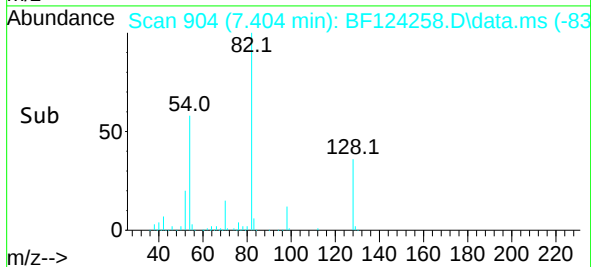
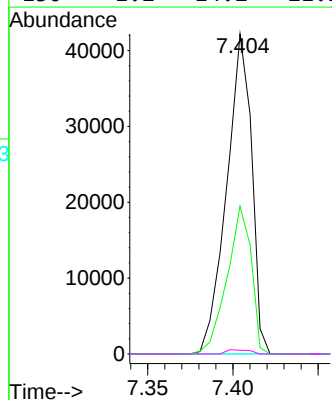
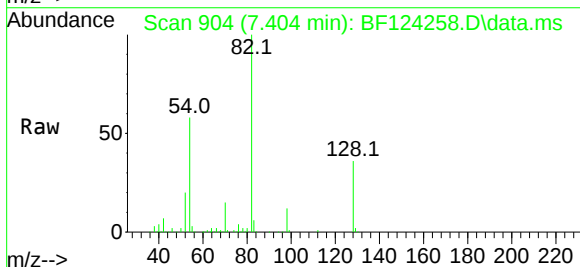
Instrument :
BNA_F
ClientSampleId :
PB136924BL

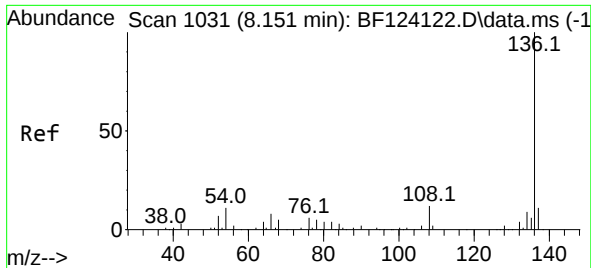
Tgt Ion: 99 Resp: 381083
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.8
71 46.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.268 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

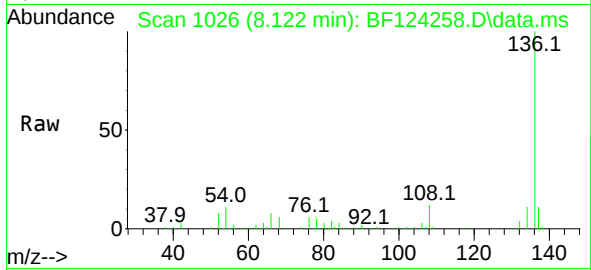
Tgt Ion: 70 Resp: 42891
Ion Ratio Lower Upper
70 100
42 46.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#



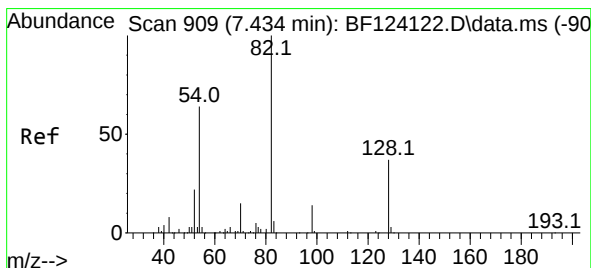
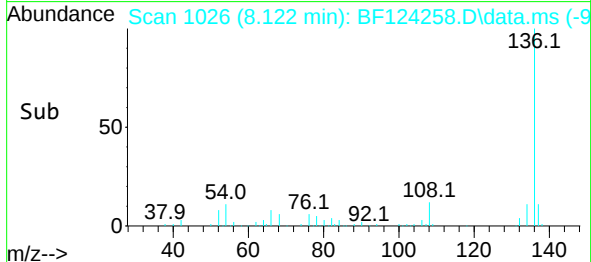
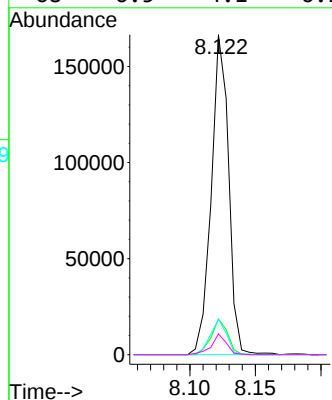


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

Instrument :
BNA_F
ClientSampleId :
PB136924BL

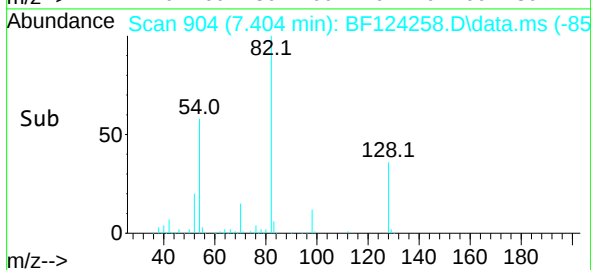
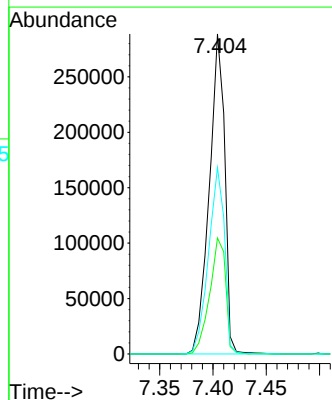
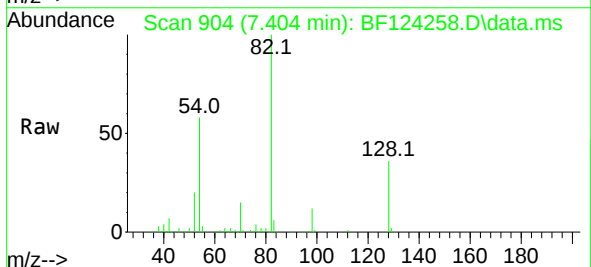


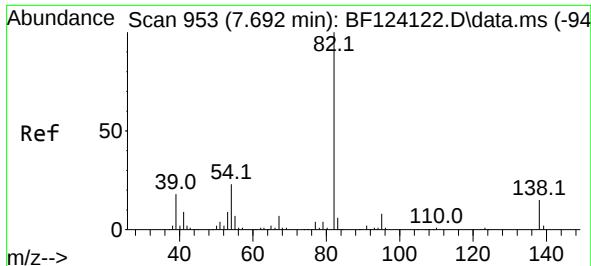
Tgt Ion:136 Resp: 153308
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 11.0 9.8 14.6
68 6.5 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 75.436 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

Tgt Ion: 82 Resp: 291592
Ion Ratio Lower Upper
82 100
128 36.2 29.4 44.2
54 58.3 54.1 81.1

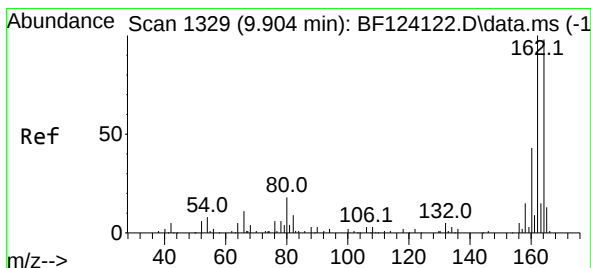
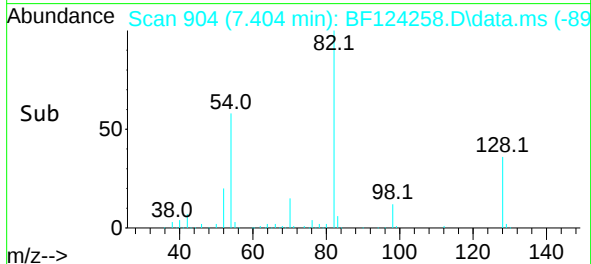
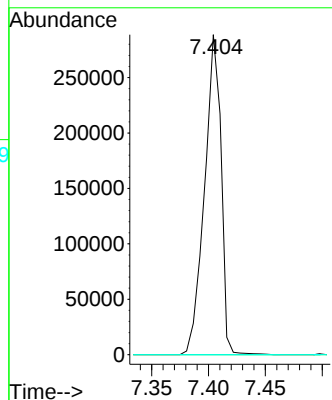
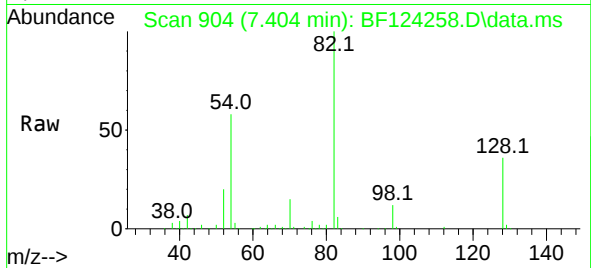




#25
Isophorone
Concen: 41.861 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

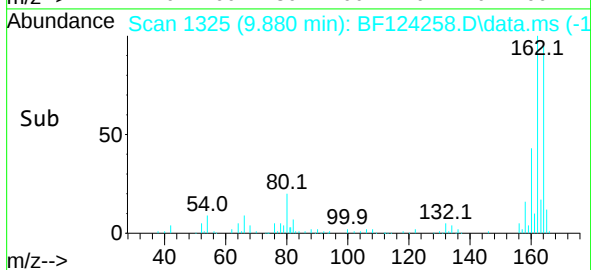
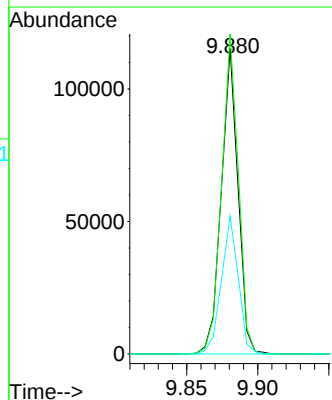
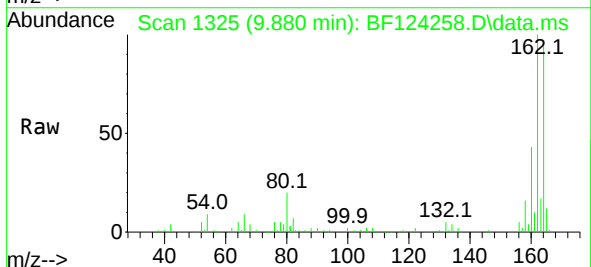
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ClientSampleId :
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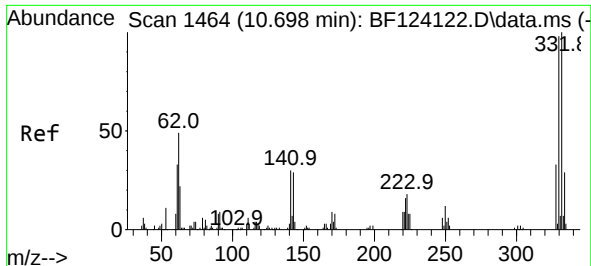
Tgt Ion: 82 Resp: 291585
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

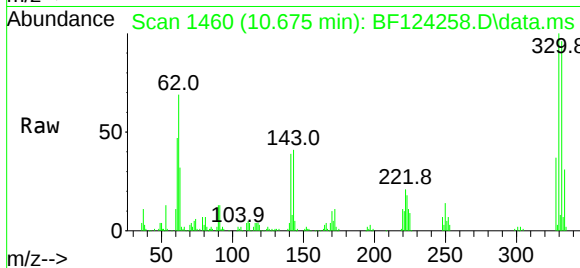
Tgt Ion: 164 Resp: 94245
Ion Ratio Lower Upper
164 100
162 104.8 80.7 121.1
160 45.1 37.3 55.9



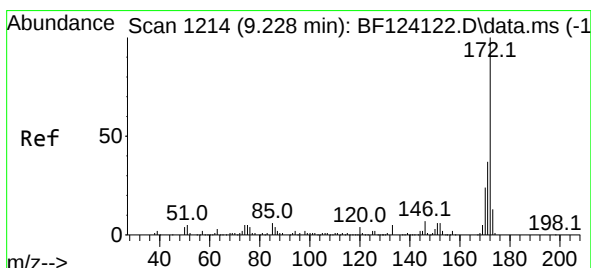
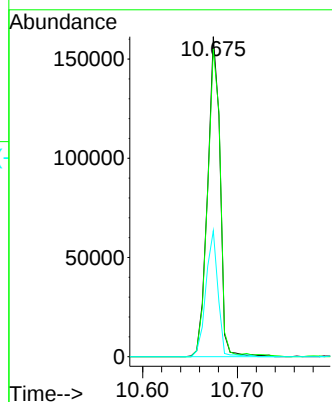
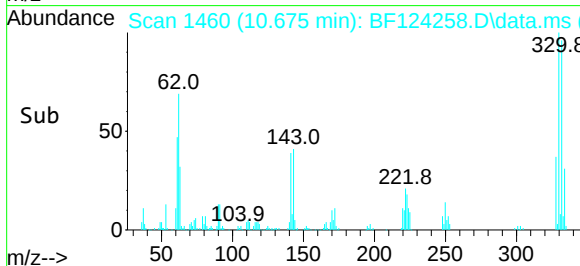


#42
2,4,6-Tribromophenol
Concen: 110.548 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

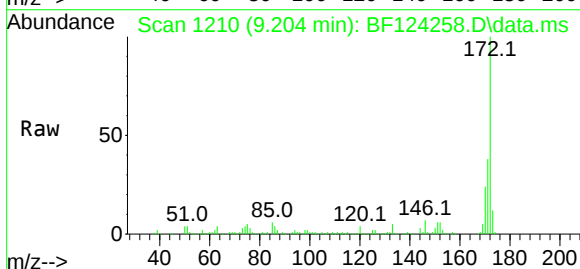
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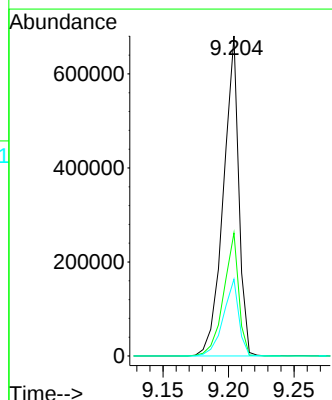
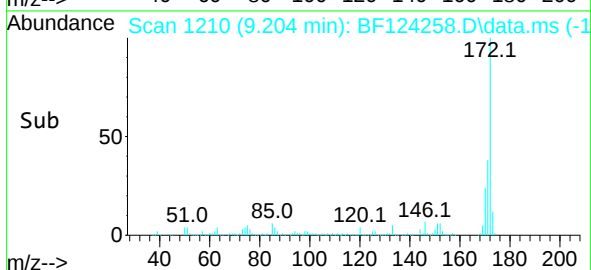
Tgt Ion:330 Resp: 147606
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 38.2 27.9 41.9

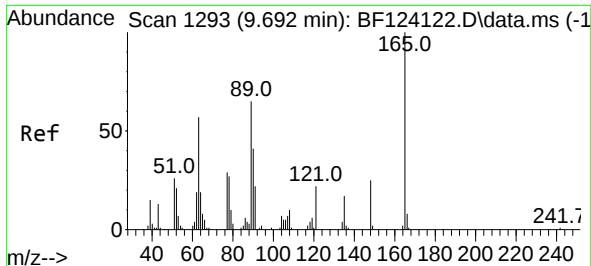


#45
2-Fluorobiphenyl
Concen: 74.045 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33



Tgt Ion:172 Resp: 554556
Ion Ratio Lower Upper
172 100
171 38.5 28.1 42.1
170 24.0 19.2 28.8

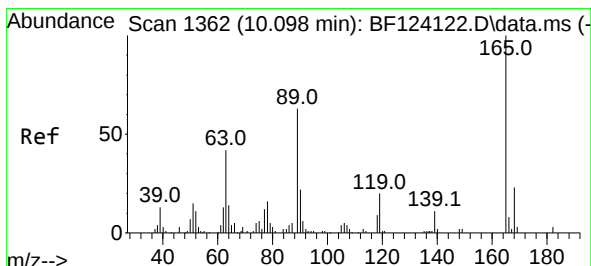
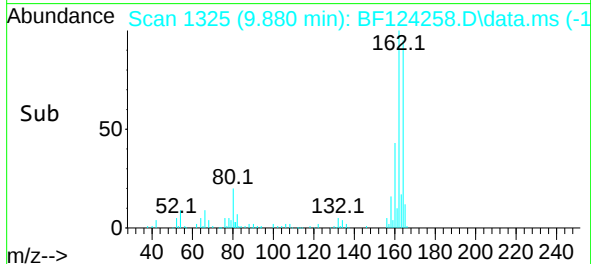
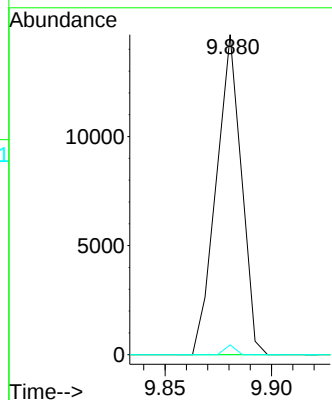
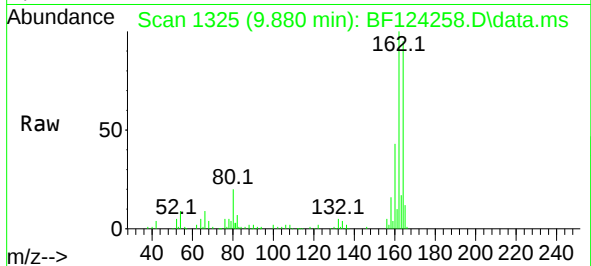




#51
2,6-Dinitrotoluene
Concen: 6.750 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

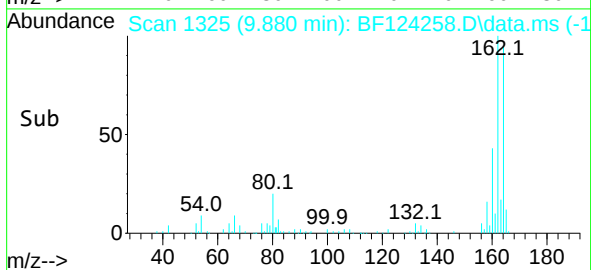
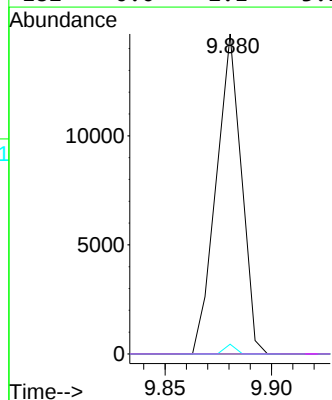
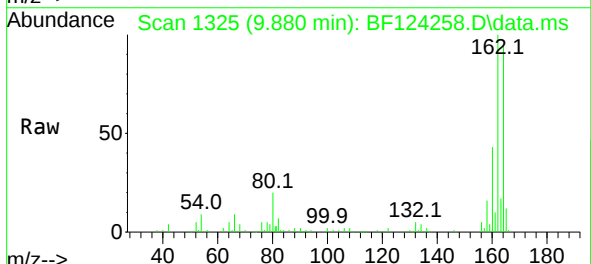
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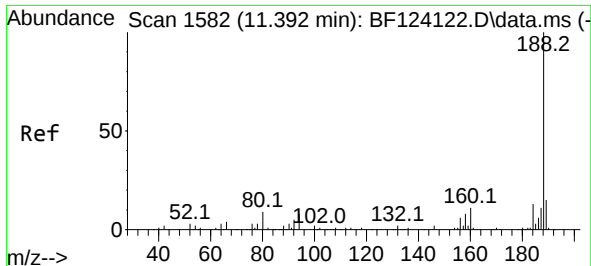
Tgt Ion:165 Resp: 12067
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.118 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

Tgt Ion:165 Resp: 12067
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.1 67.7 101.5#
182 0.0 2.1 3.1#

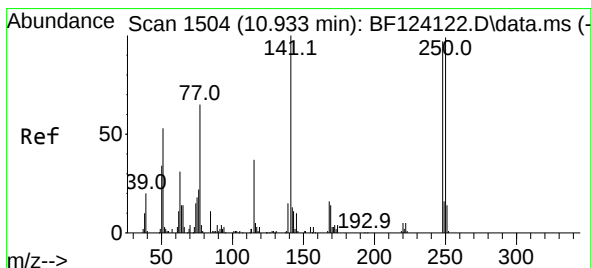
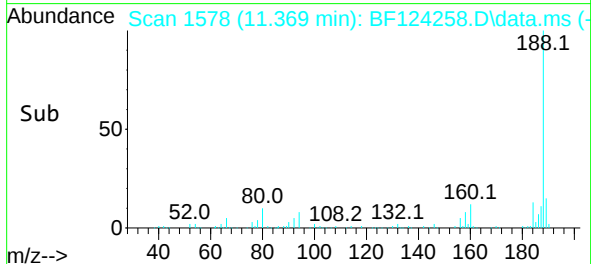
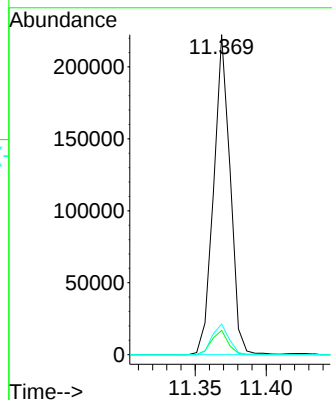
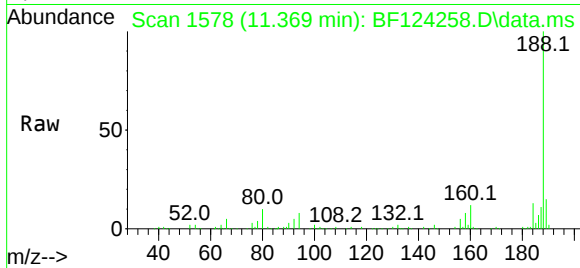




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

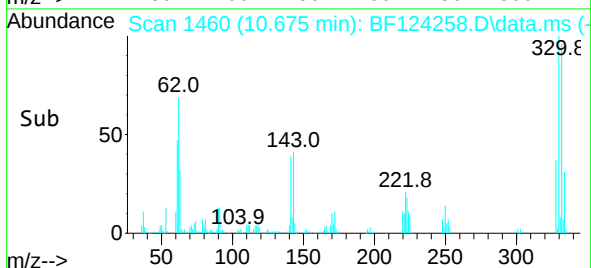
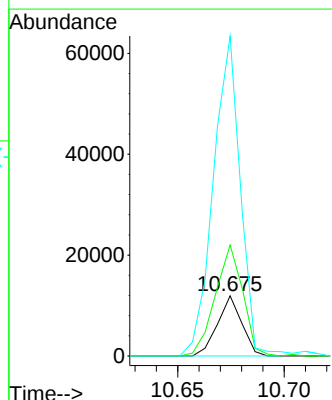
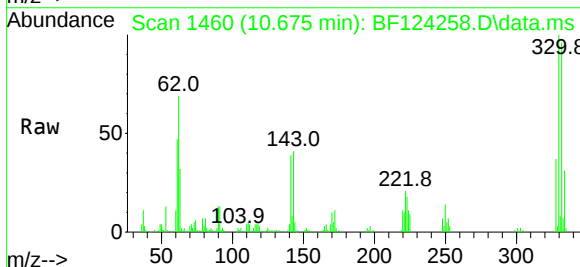
Instrument :
BNA_F
ClientSampleId :
PB136924BL

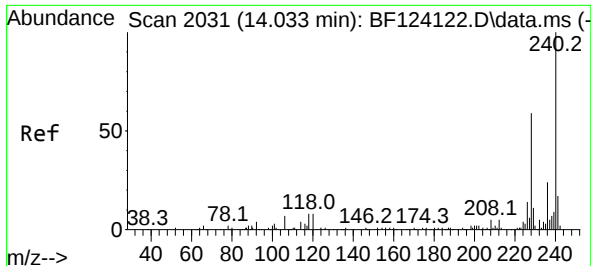
Tgt Ion:188 Resp: 180234
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.821 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

Tgt Ion:248 Resp: 9453
Ion Ratio Lower Upper
248 100
250 184.7 77.4 116.2#
141 532.0 63.7 95.5#

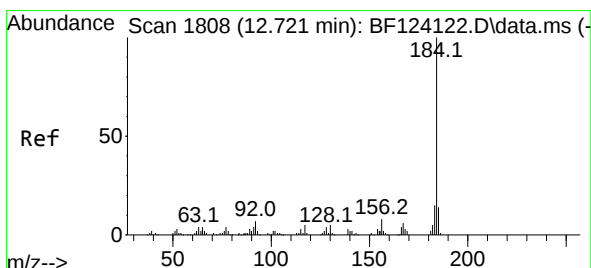
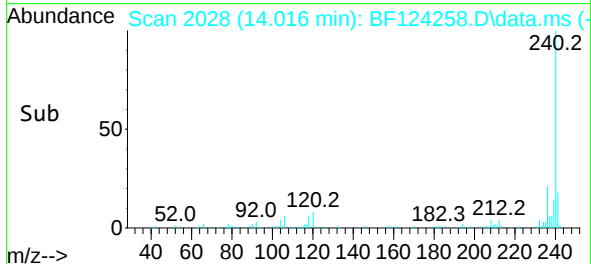
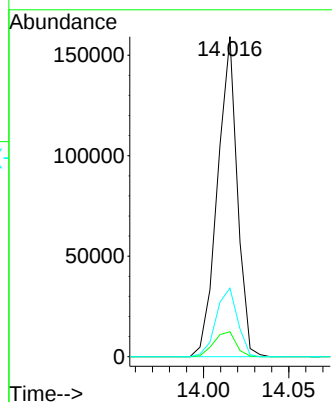
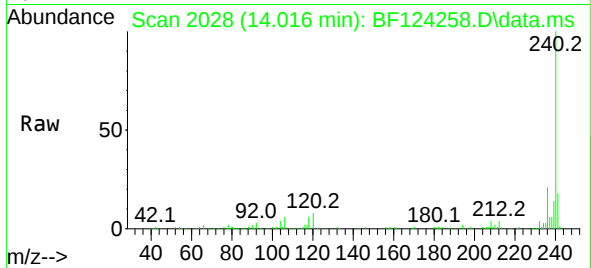




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

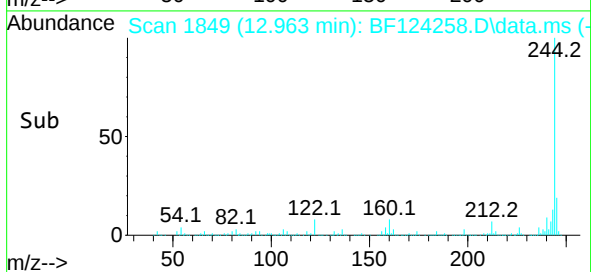
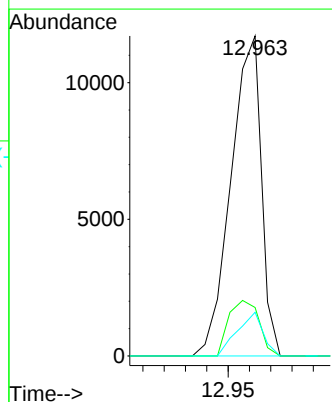
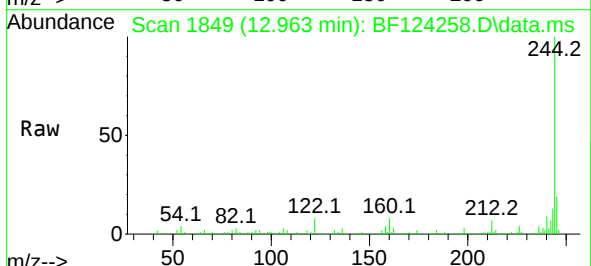
Instrument :
BNA_F
ClientSampleId :
PB136924BL

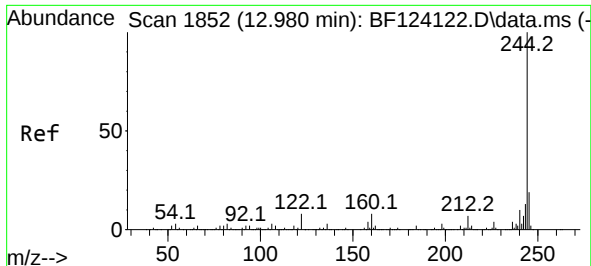
Tgt Ion:240 Resp: 128755
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 21.4 19.0 28.4



#77
Benzidine
Concen: 7.597 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.253 min
Lab File: BF124258.D
Acq: 11 Jun 2021 13:33

Tgt Ion:184 Resp: 11592
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 13.6 7.8 11.8#

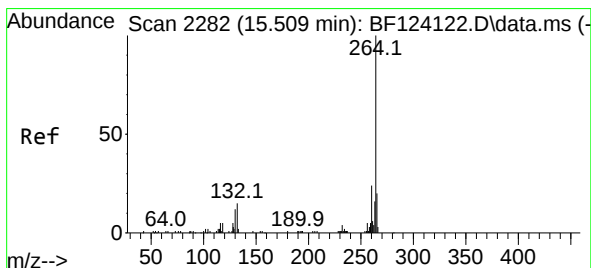
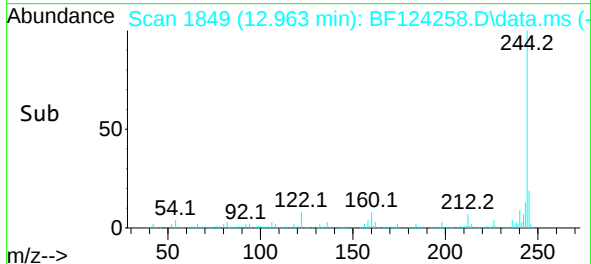
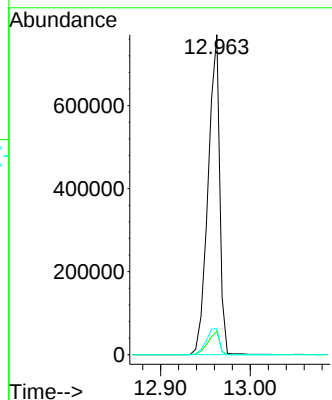
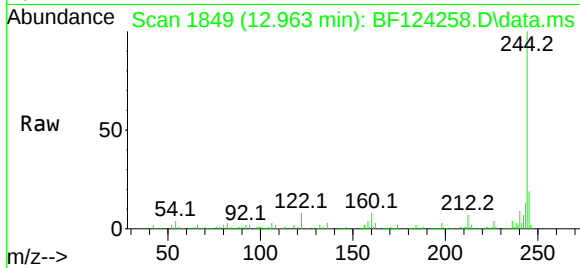




#79
 Terphenyl-d14
 Concen: 73.494 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF124258.D
 Acq: 11 Jun 2021 13:33

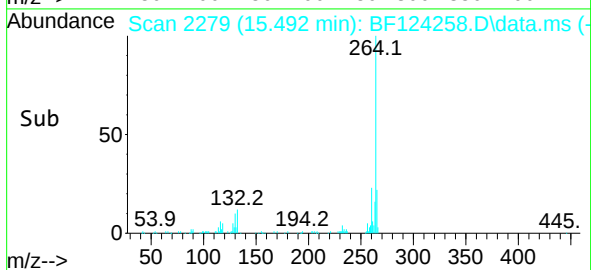
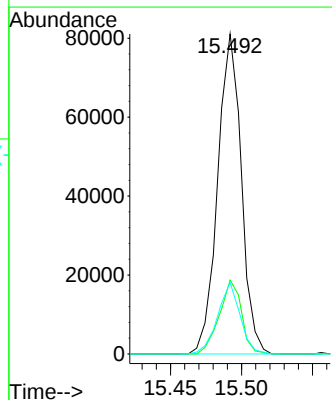
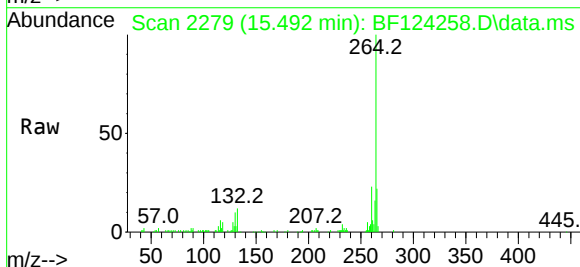
Instrument :
 BNA_F
 ClientSampleId :
 PB136924BL

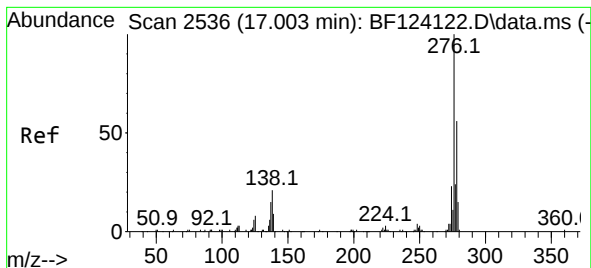
Tgt Ion:244 Resp: 689219
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.1 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF124258.D
 Acq: 11 Jun 2021 13:33

Tgt Ion:264 Resp: 93582
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.401 ng

RT: 16.992 min Scan# 2534

Delta R.T. 0.012 min

Lab File: BF124258.D

Acq: 11 Jun 2021 13:33

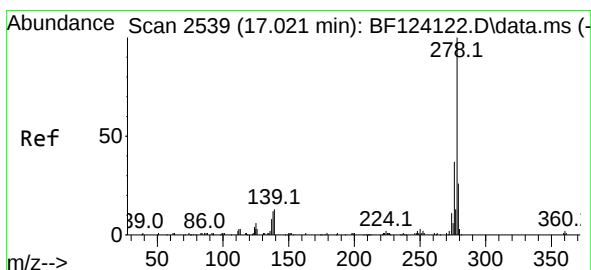
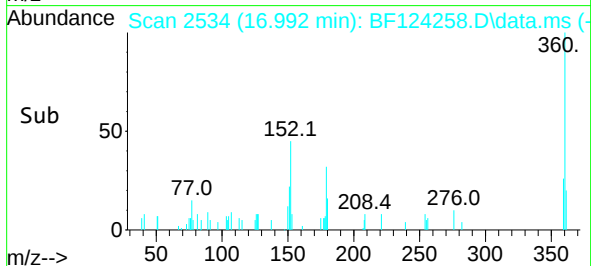
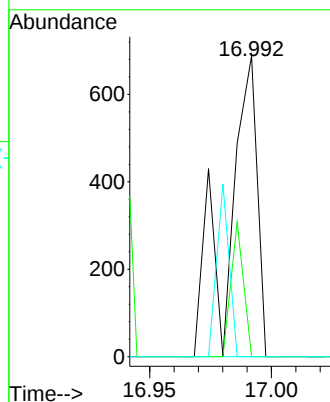
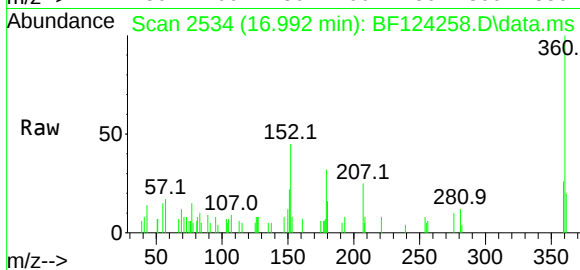
Instrument :

BNA_F

ClientSampleId :

PB136924BL

Tgt Ion:276	Resp:	567
Ion Ratio	Lower	Upper
276	100	
138	19.2	16.2 24.2
277	24.5	20.1 30.1



#91

Dibenzo(a,h)anthracene

Concen: 4.190 ng

RT: 16.986 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BF124258.D

Acq: 11 Jun 2021 13:33

Tgt Ion:278	Resp:	112
Ion Ratio	Lower	Upper
278	100	
139	174.2	10.2 15.2#
279	0.0	19.4 29.0#

