

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124240.D
 Acq On : 10 Jun 2021 19:16
 Operator : JU/CG
 Sample : M2634-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R44-STONE-1

Quant Time: Jun 11 01:25:35 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)

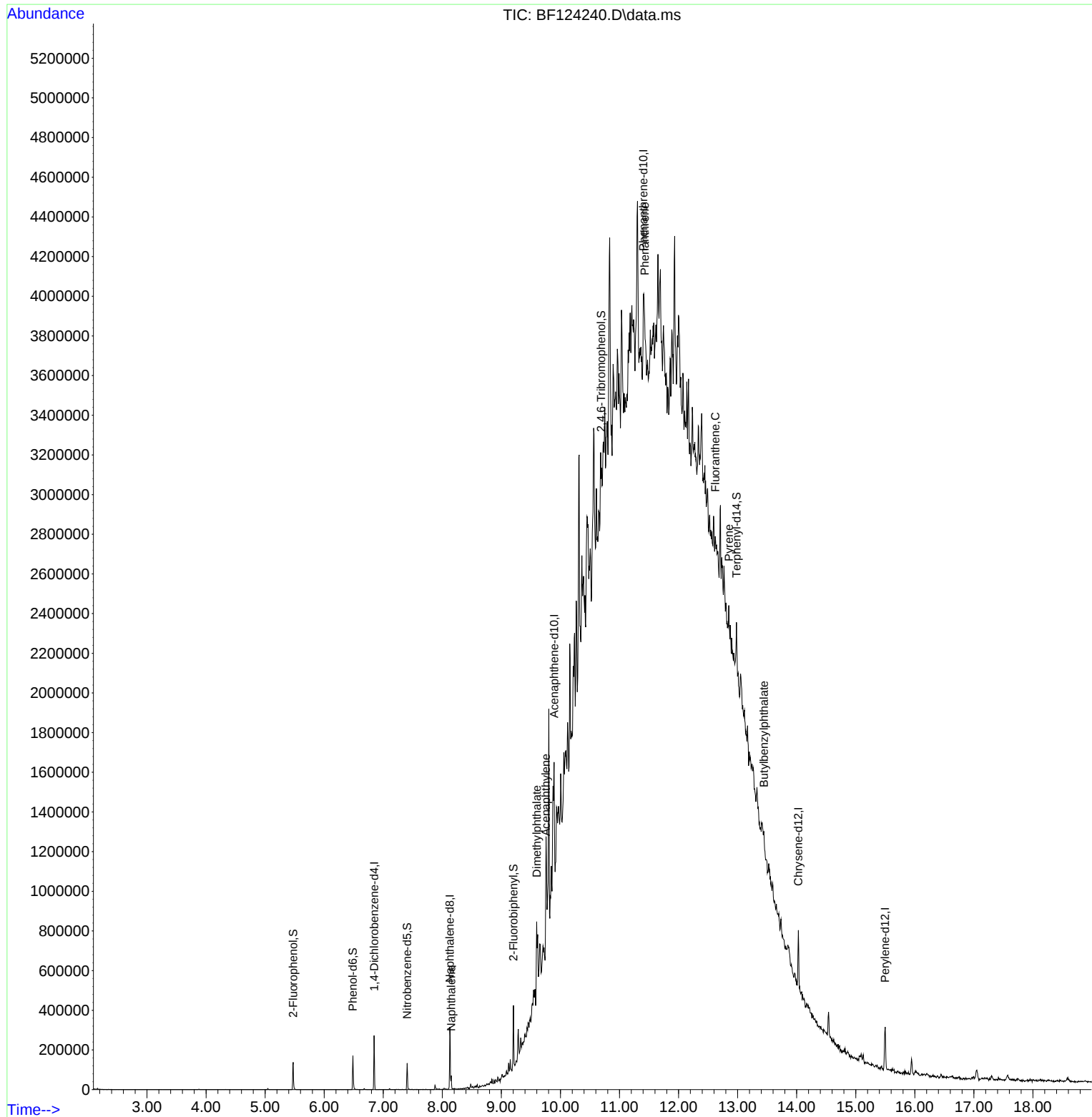
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	32655	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	122029	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	68835	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	100808	20.000	ng	# 0.03
76) Chrysene-d12	14.027	240	82171	20.000	ng	0.00
86) Perylene-d12	15.498	264	84819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	31902	14.706	ng	0.00
7) Phenol-d6	6.487	99	43078	14.774	ng	-0.01
23) Nitrobenzene-d5	7.404	82	36344	11.812	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	15228	15.615	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	71177	13.012	ng	0.00
79) Terphenyl-d14	12.980	244	56928	9.512	ng	0.02
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	21560	2.955	ng	# 91
49) Acenaphthylene	9.751	152	28276	4.113	ng	# 61
50) Dimethylphthalate	9.598	163	13125	2.305	ng	# 55
71) Phenanthrene	11.427	178	50395	8.003	ng	# 66
75) Fluoranthene	12.621	202	14106	2.134	ng	# 26
78) Pyrene	12.851	202	17722	2.246	ng	# 61
80) Butylbenzylphthalate	13.445	149	11935	3.729	ng	# 79

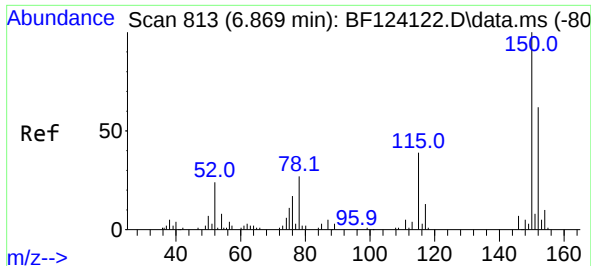
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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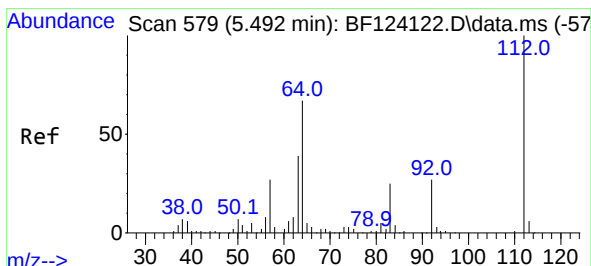
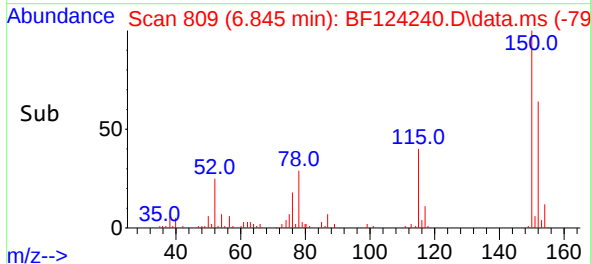
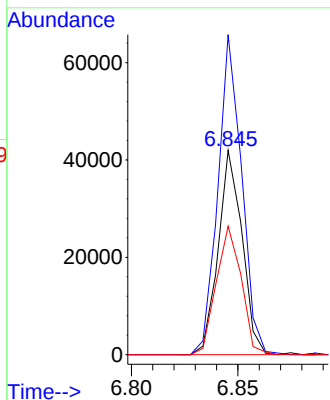
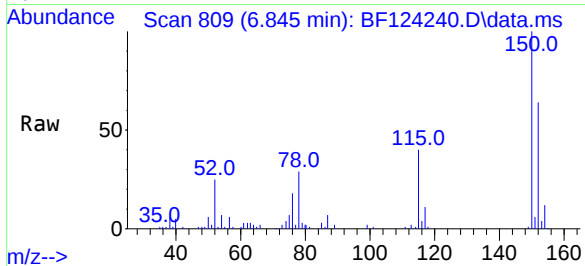




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

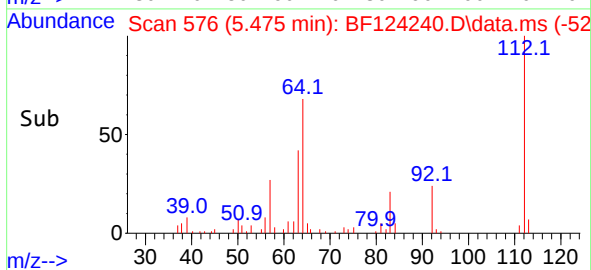
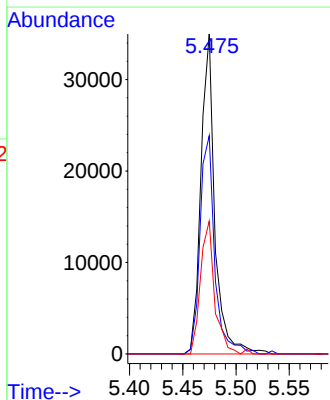
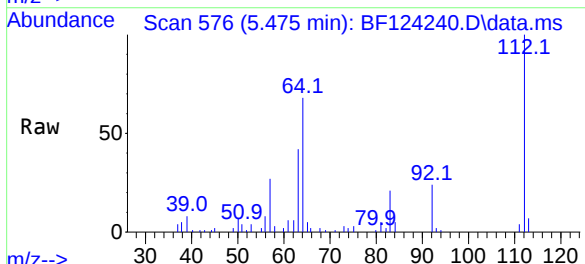
Instrument :
BNA_F
ClientSampled :
R44-STONE-1

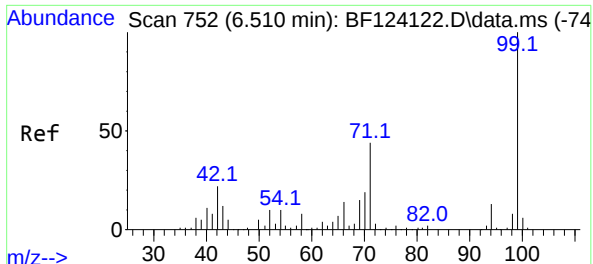
Tgt Ion:152 Resp: 32655
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 62.9 54.3 81.5



#5
2-Fluorophenol
Concen: 14.706 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Tgt Ion:112 Resp: 31902
Ion Ratio Lower Upper
112 100
64 68.2 61.4 92.0
63 41.6 33.0 49.4

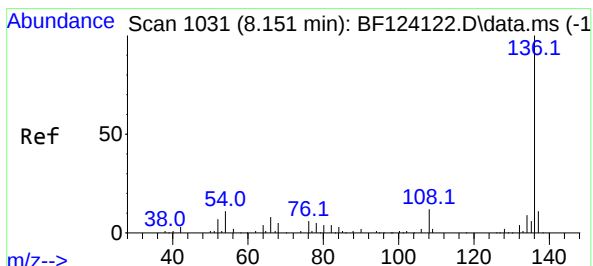
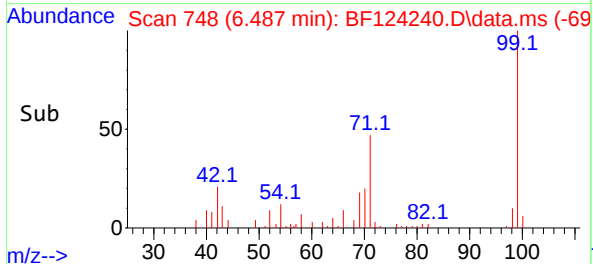
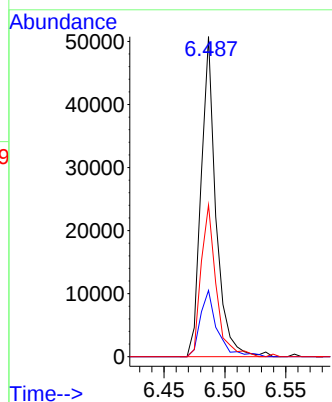
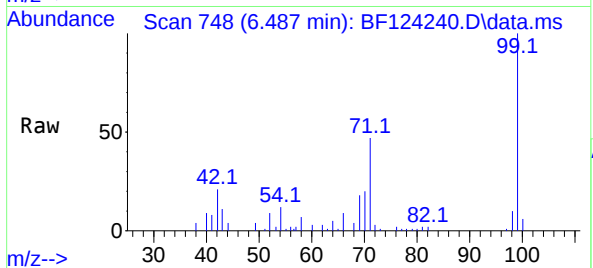




#7
Phenol-d6
Concen: 14.774 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

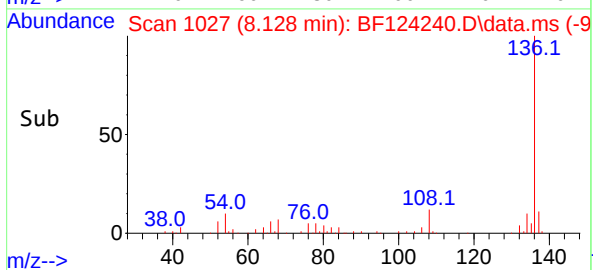
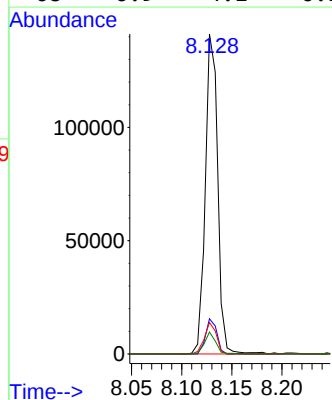
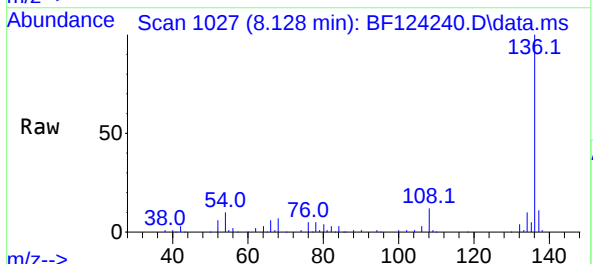
Instrument :
BNA_F
ClientSampleId :
R44-STONE-1

Tgt Ion: 99 Resp: 43078
Ion Ratio Lower Upper
99 100
42 20.7 19.8 29.8
71 47.4 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Tgt Ion: 136 Resp: 122029
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.9 9.8 14.6
68 6.9 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 11.812 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF124240.D

Acq: 10 Jun 2021 19:16

Instrument :

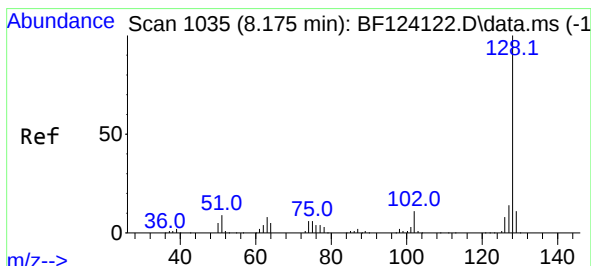
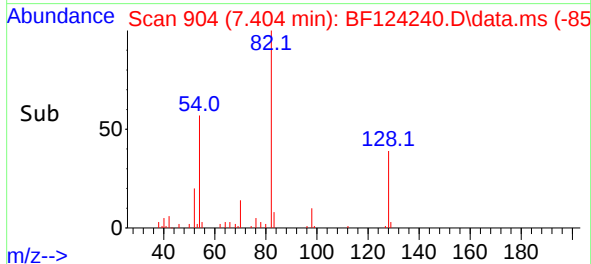
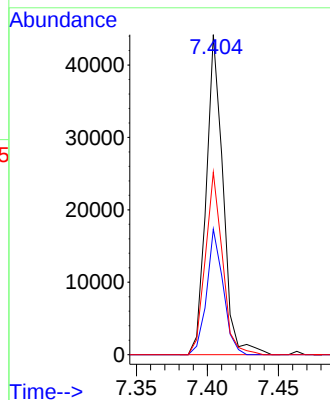
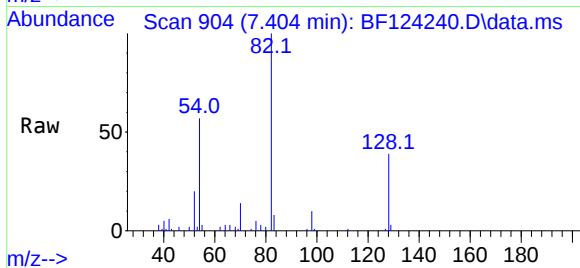
BNA_F

ClientSampleId :

R44-STONE-1

Tgt Ion: 82 Resp: 36344

Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.4	44.2
54	57.0	54.1	81.1



#31

Naphthalene

Concen: 2.955 ng

RT: 8.151 min Scan# 1031

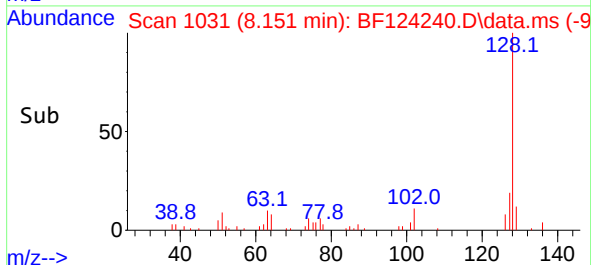
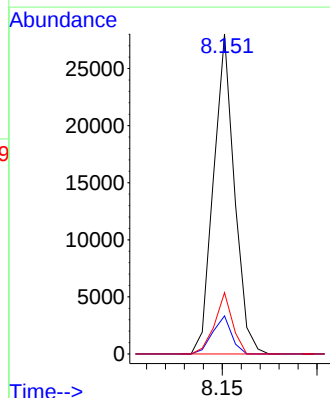
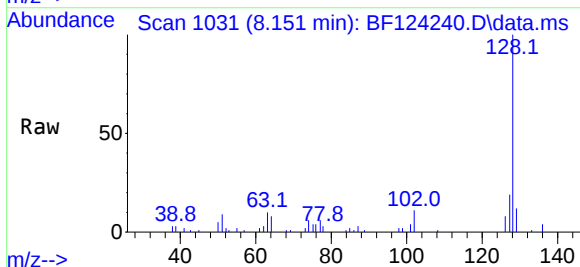
Delta R.T. -0.006 min

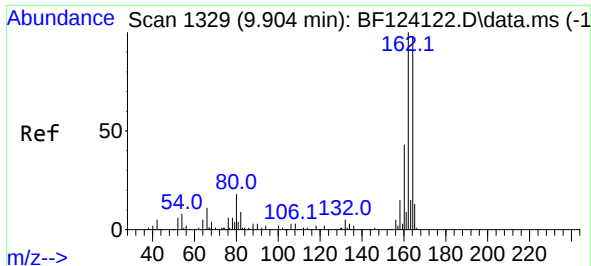
Lab File: BF124240.D

Acq: 10 Jun 2021 19:16

Tgt Ion: 128 Resp: 21560

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	19.2	10.8	16.2

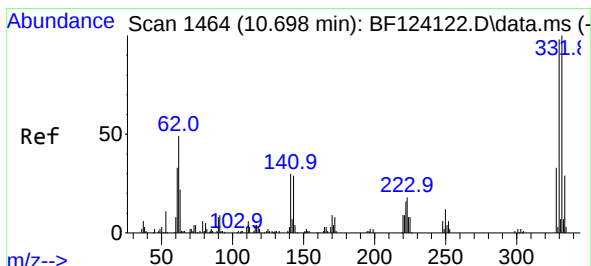
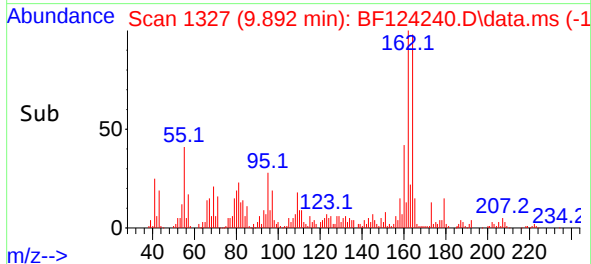
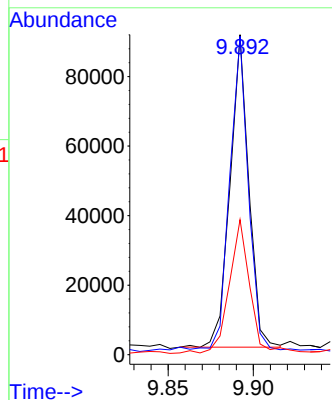
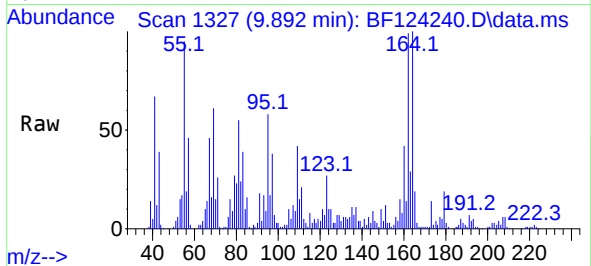




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

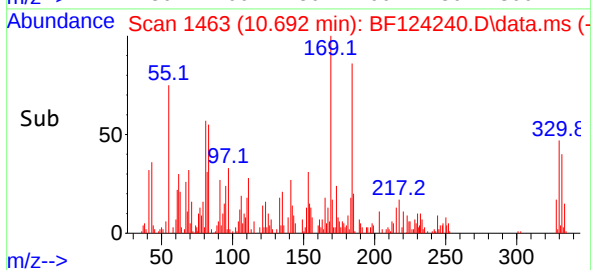
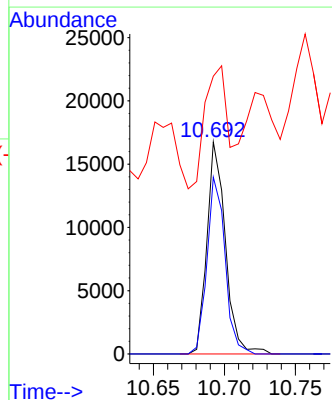
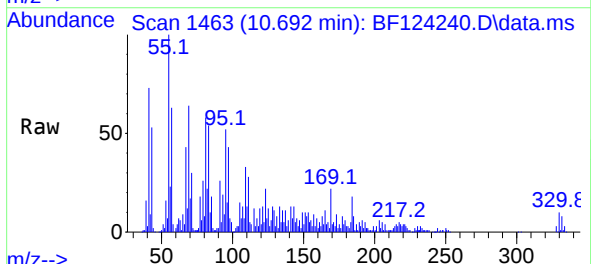
Instrument :
BNA_F
ClientSampleId :
R44-STONE-1

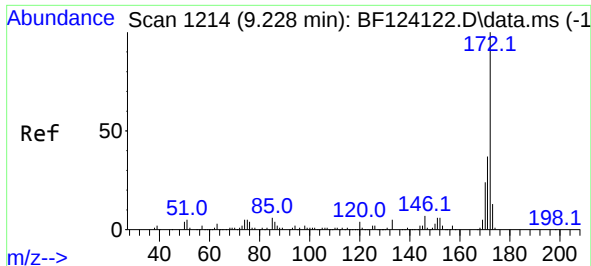
Tgt Ion:164 Resp: 68835
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 42.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 15.615 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Tgt Ion:330 Resp: 15228
Ion Ratio Lower Upper
330 100
332 81.3 77.1 115.7
141 76.2 27.9 41.9#

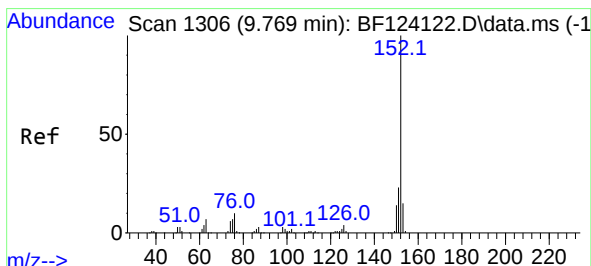
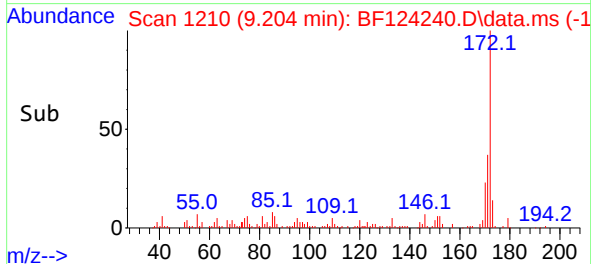
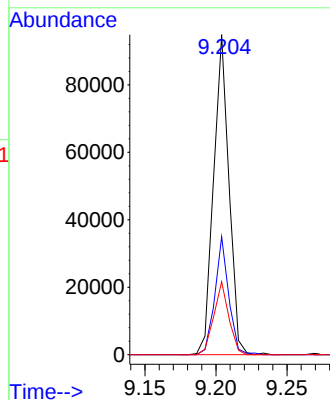
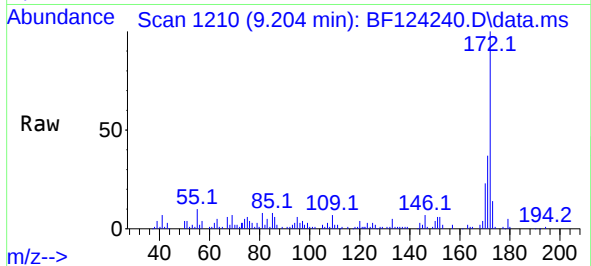




#45
2-Fluorobiphenyl
Concen: 13.012 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

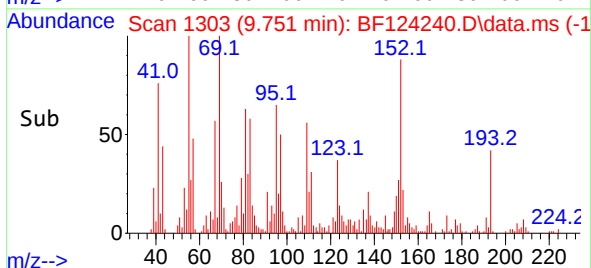
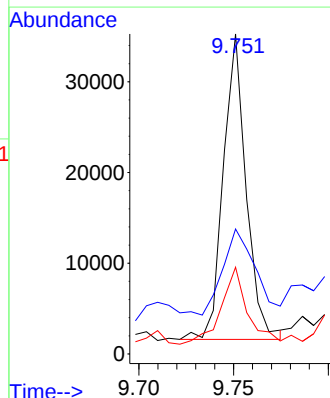
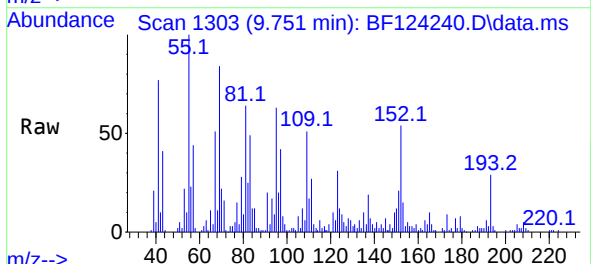
Instrument :
BNA_F
ClientSampleId :
R44-STONE-1

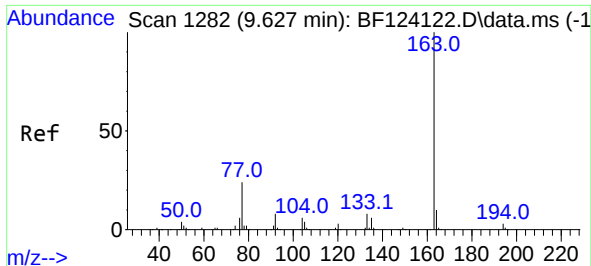
Tgt Ion:172	Resp:	71177
Ion Ratio	Lower	Upper
172	100	
171	36.8	28.1 42.1
170	22.8	19.2 28.8



#49
Acenaphthylene
Concen: 4.113 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Tgt Ion:152	Resp:	28276
Ion Ratio	Lower	Upper
152	100	
151	39.1	16.0 24.0#
153	27.1	10.4 15.6#

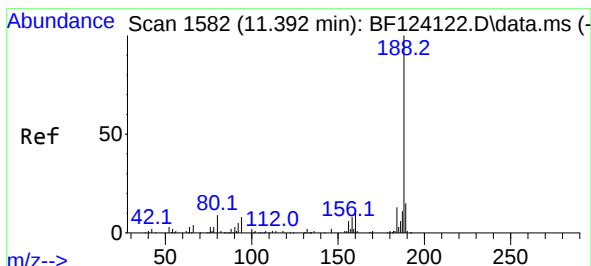
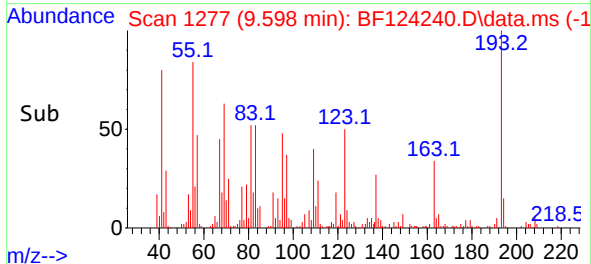
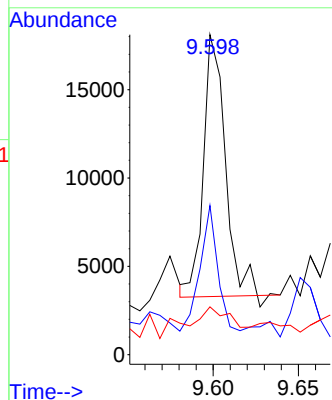
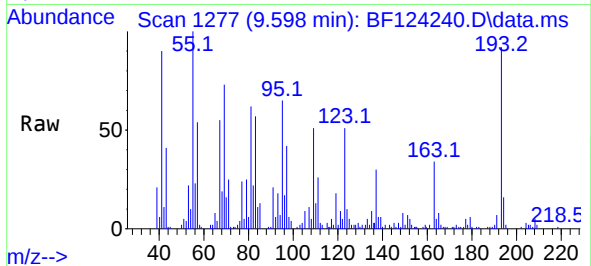




#50
Dimethylphthalate
Concen: 2.305 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

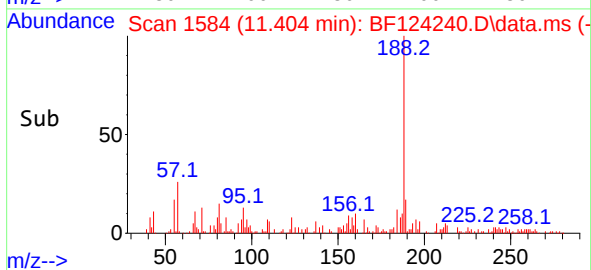
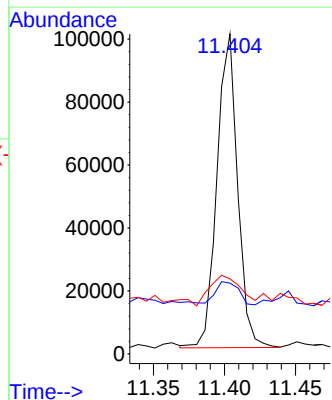
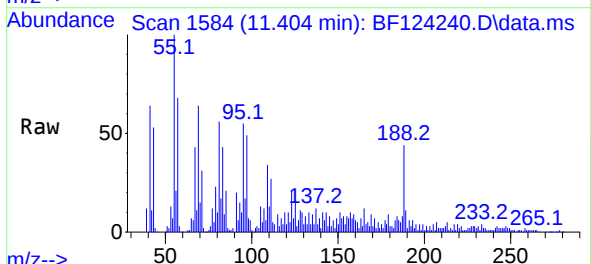
Instrument :
BNA_F
ClientSampled :
R44-STONE-1

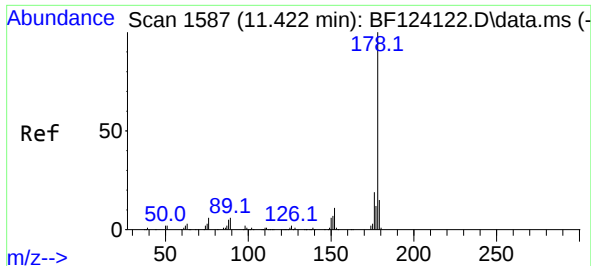
Tgt Ion:163 Resp: 13125
Ion Ratio Lower Upper
163 100
194 46.6 3.1 4.7#
164 15.0 8.2 12.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.030 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Tgt Ion:188 Resp: 100808
Ion Ratio Lower Upper
188 100
94 22.2 6.9 10.3#
80 23.4 8.2 12.2#

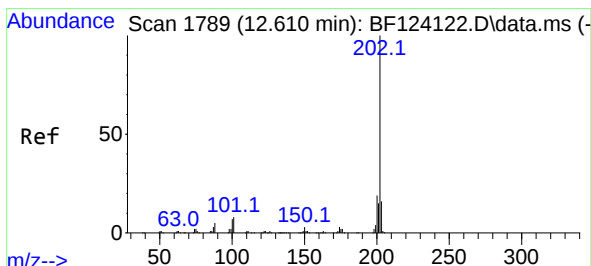
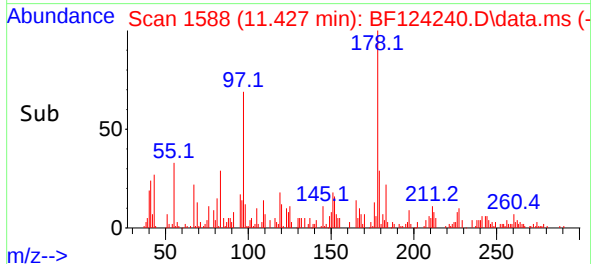
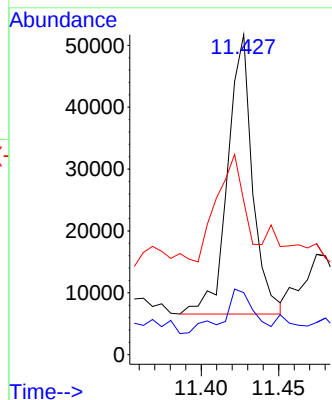
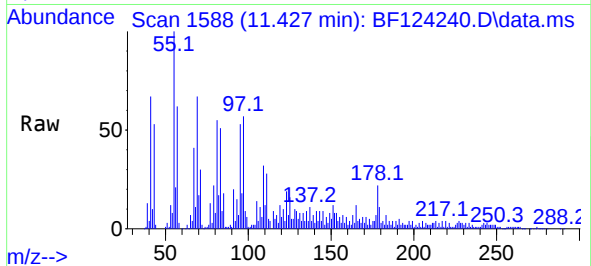




#71
Phenanthrene
Concen: 8.003 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.024 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

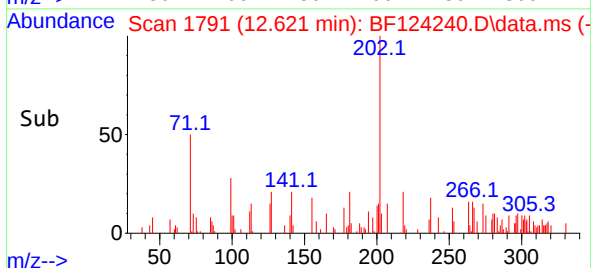
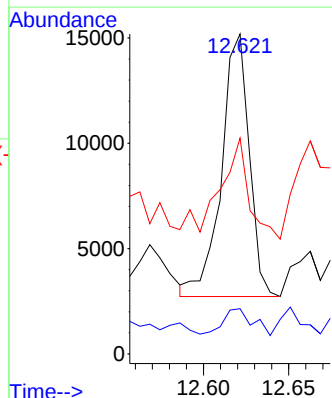
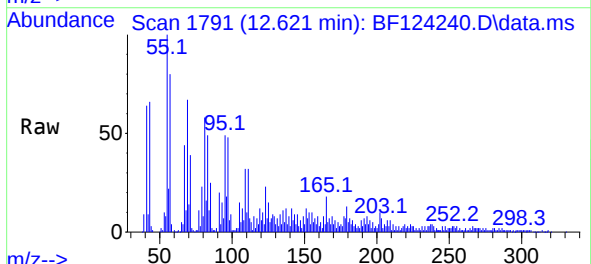
Instrument :
BNA_F
ClientSampleId :
R44-STONE-1

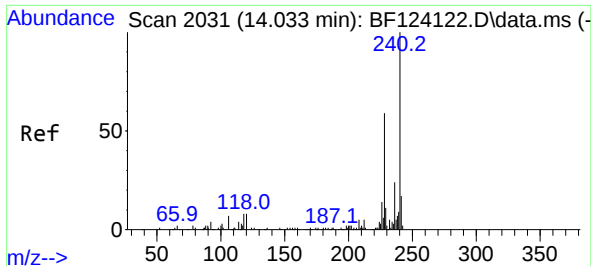
Tgt Ion:178 Resp: 50395
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 48.0 12.5 18.7#



#75
Fluoranthene
Concen: 2.134 ng
RT: 12.621 min Scan# 1791
Delta R.T. 0.030 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Tgt Ion:202 Resp: 14106
Ion Ratio Lower Upper
202 100
101 14.1 0.0 30.9
203 67.5 0.0 37.5#

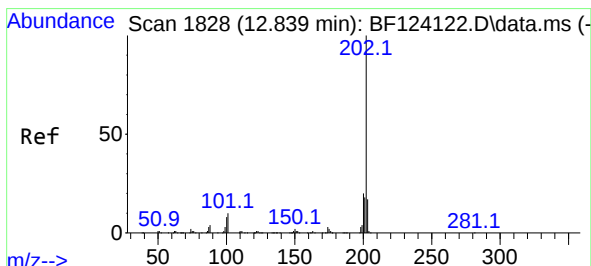
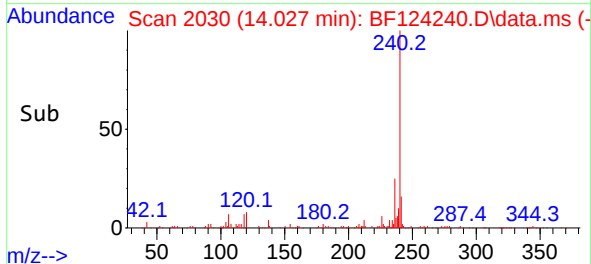
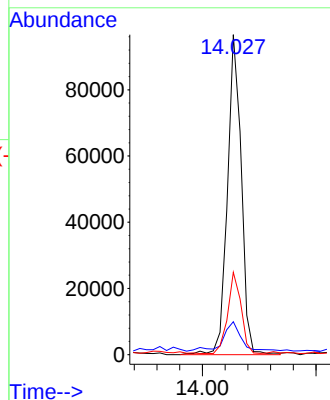
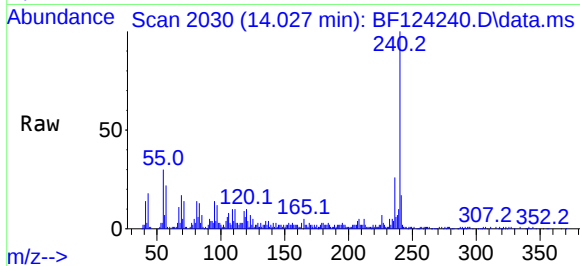




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

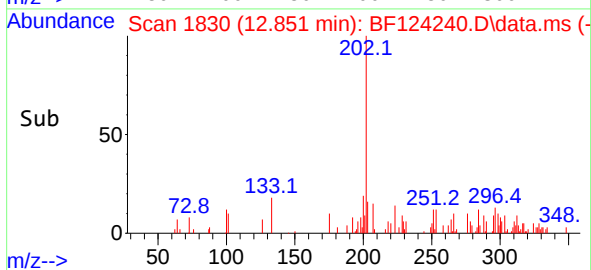
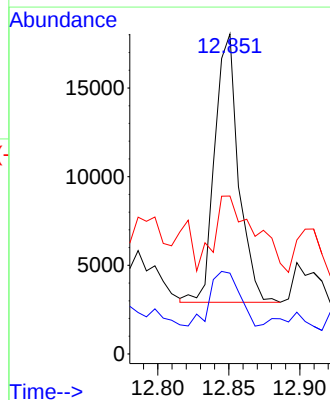
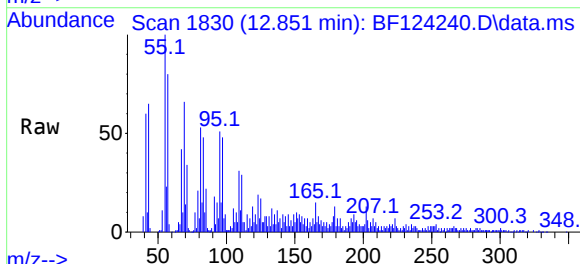
Instrument :
BNA_F
ClientSampleId :
R44-STONE-1

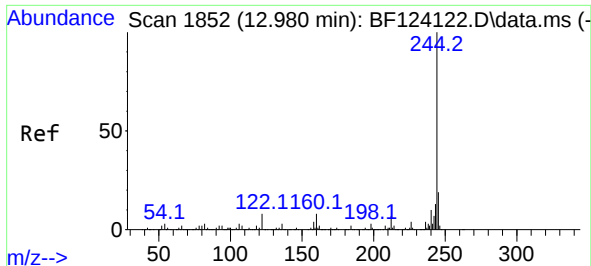
Tgt Ion:240 Resp: 82171
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 25.7 19.0 28.4



#78
Pyrene
Concen: 2.246 ng
RT: 12.851 min Scan# 1830
Delta R.T. 0.030 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Tgt Ion:202 Resp: 17722
Ion Ratio Lower Upper
202 100
200 25.2 16.1 24.1#
203 49.3 14.8 22.2#

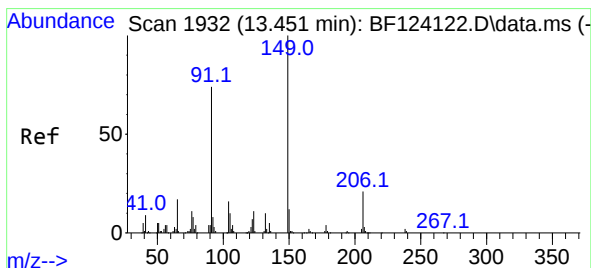
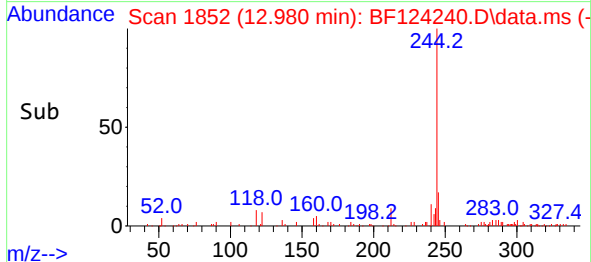
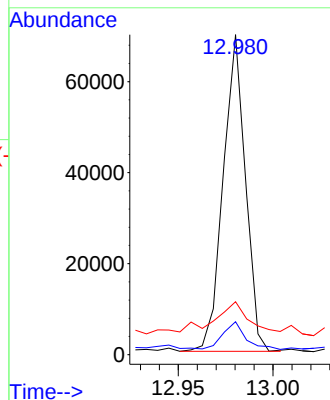
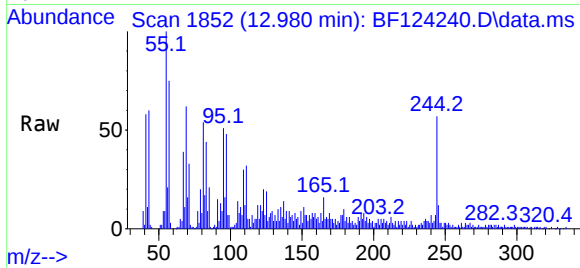




#79
Terphenyl-d14
Concen: 9.512 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.018 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

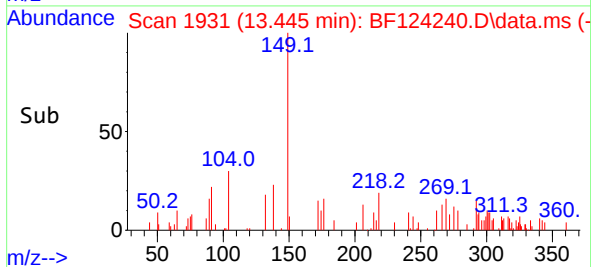
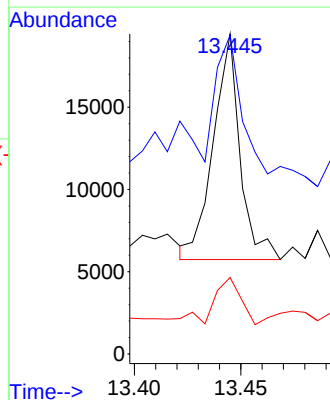
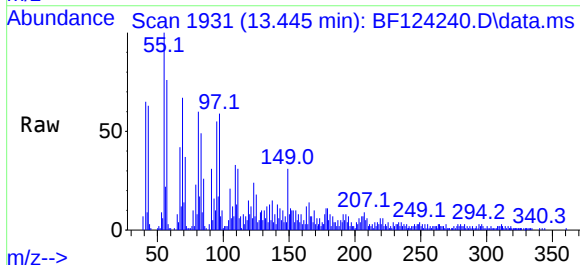
Instrument :
BNA_F
ClientSampleId :
R44-STONE-1

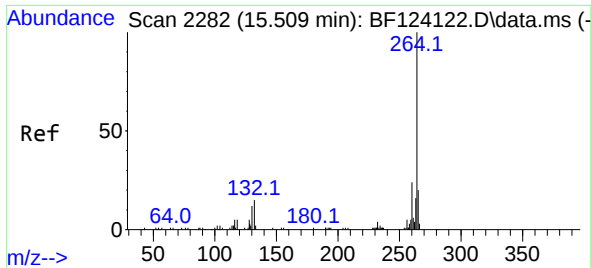
Tgt Ion:244 Resp: 56928
Ion Ratio Lower Upper
244 100
212 10.3 5.7 8.5#
122 16.6 9.7 14.5#



#80
Butylbenzylphthalate
Concen: 3.729 ng
RT: 13.445 min Scan# 1931
Delta R.T. 0.012 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

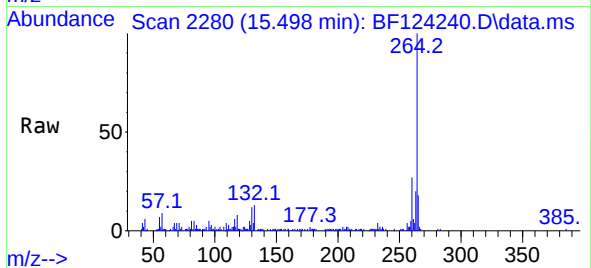
Tgt Ion:149 Resp: 11935
Ion Ratio Lower Upper
149 100
91 99.7 63.6 95.4#
206 23.9 14.5 21.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124240.D
Acq: 10 Jun 2021 19:16

Instrument :
BNA_F
ClientSampleId :
R44-STONE-1



Tgt Ion:264 Resp: 84819

Ion	Ratio	Lower	Upper
264	100		
260	26.8	18.7	28.1
265	18.4	17.8	26.8

