

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124350.D
 Acq On : 16 Jun 2021 19:42
 Operator : JU/CG
 Sample : M2672-34
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(60-64)

Quant Time: Jun 17 07:33:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

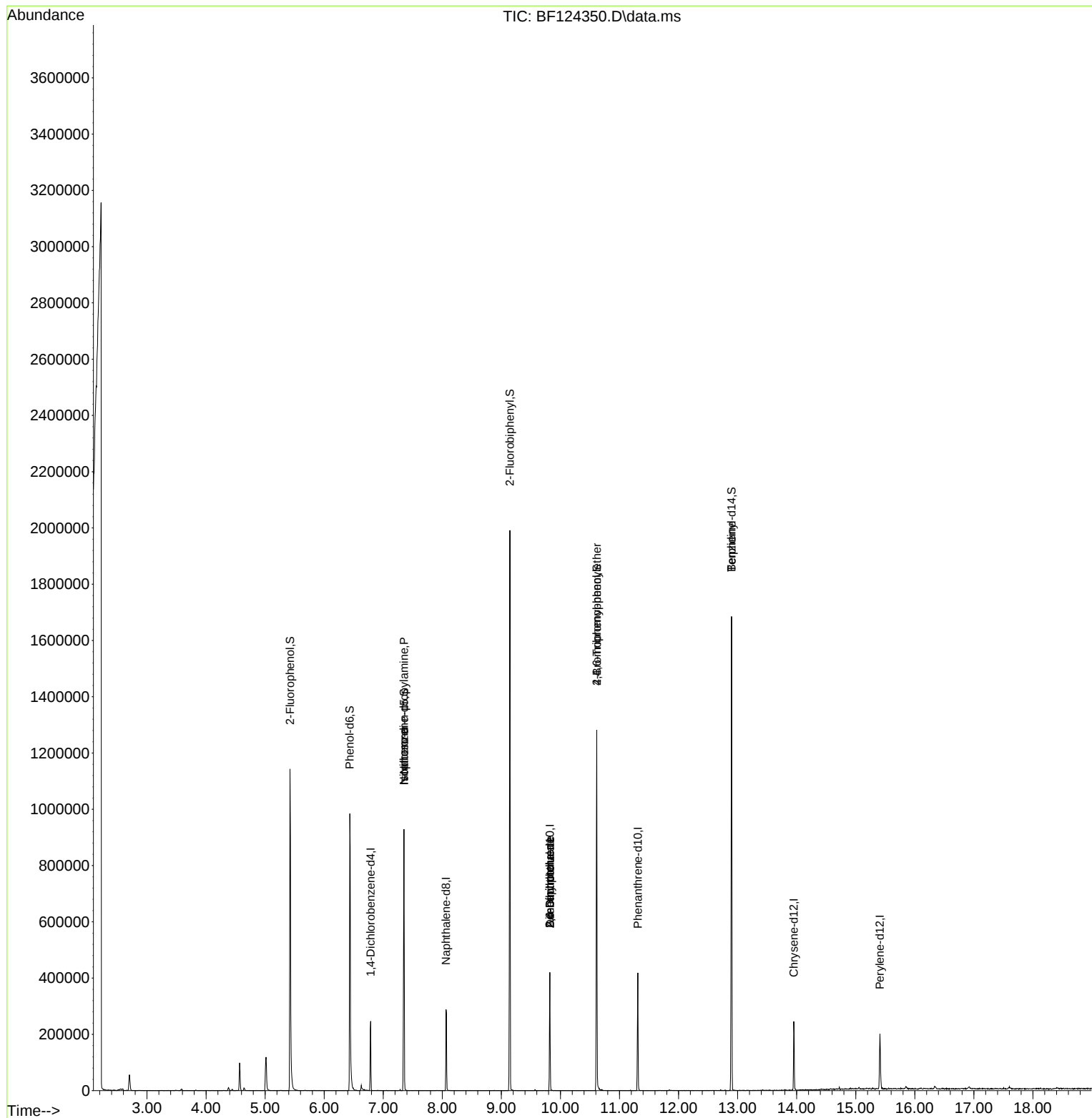
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	32240	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	120074	20.00	ng	#-0.01
39) Acenaphthene-d10	9.822	164	70533	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	130183	20.00	ng	# 0.00
76) Chrysene-d12	13.951	240	79985	20.00	ng	-0.01
86) Perylene-d12	15.409	264	77327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	260076	121.43	ng	0.00
7) Phenol-d6	6.434	99	301024	104.57	ng	-0.01
23) Nitrobenzene-d5	7.351	82	266822	88.13	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	126272	126.36	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	511140	91.19	ng	0.00
79) Terphenyl-d14	12.898	244	495936	85.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	37933	18.67	ng	# 71
25) Isophorone	7.351	82	266822	48.91	ng	# 69
50) Dimethylphthalate	9.822	163	15230	2.61	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9085	6.79	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9085	5.15	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	8814	4.93	ng	# 1
77) Benzidine	12.898	184	8570	8.27	ng	# 83

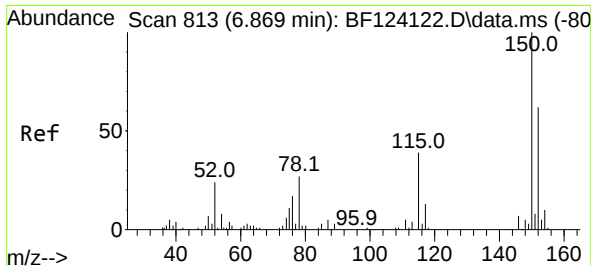
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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17-B6(60-64)

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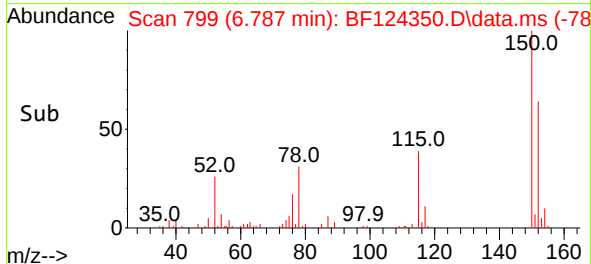
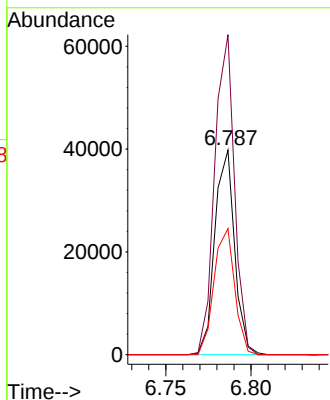
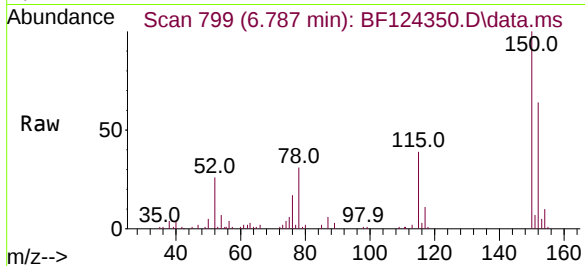




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

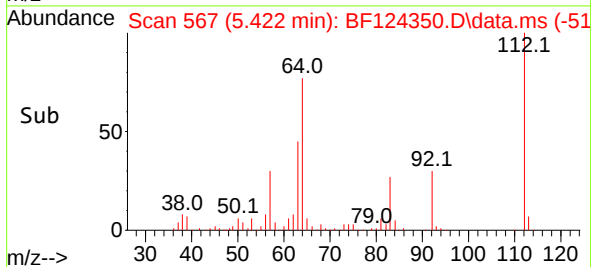
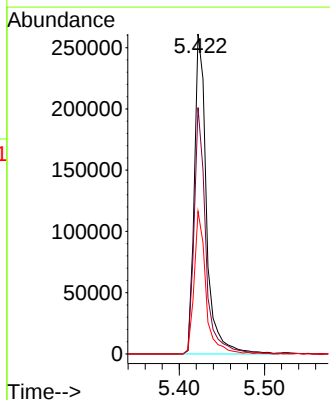
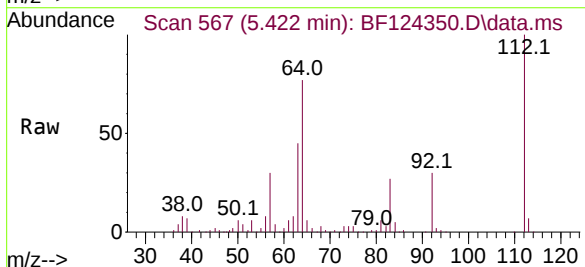
Instrument :
BNA_F
ClientSampleId :
17-B6(60-64)

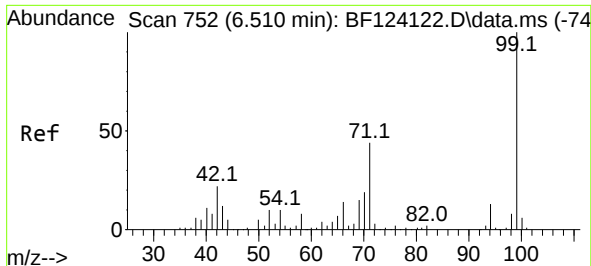
Tgt Ion:152 Resp: 32240
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 61.7 54.3 81.5



#5
2-Fluorophenol
Concen: 121.43 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Tgt Ion:112 Resp: 260076
Ion Ratio Lower Upper
112 100
64 77.0 61.4 92.0
63 44.5 33.0 49.4

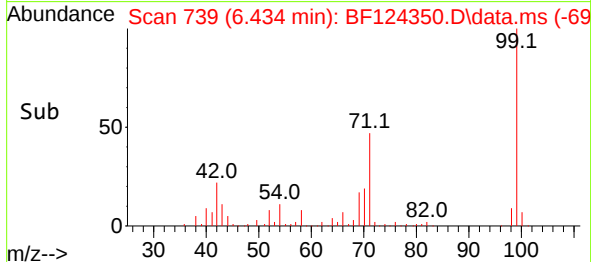
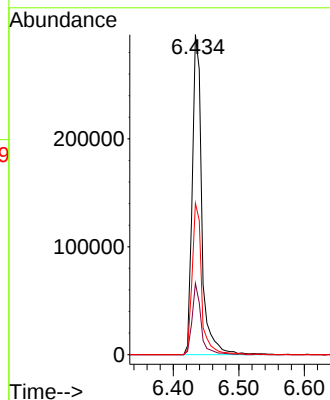
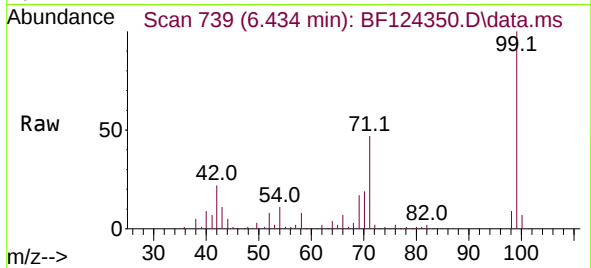




#7
Phenol-d6
Concen: 104.57 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

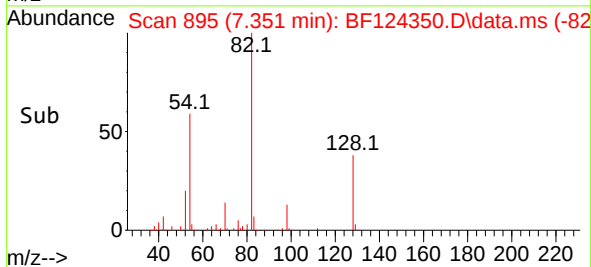
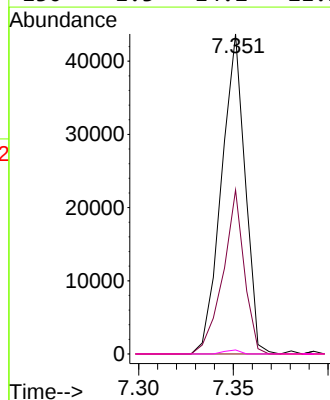
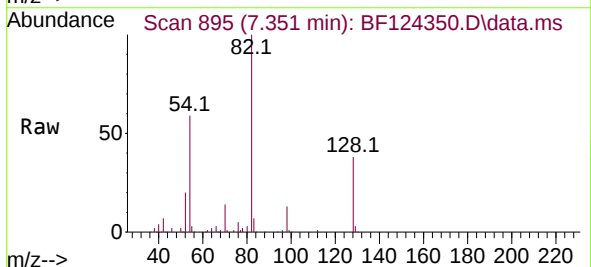
Instrument :
BNA_F
ClientSampleId :
17-B6(60-64)

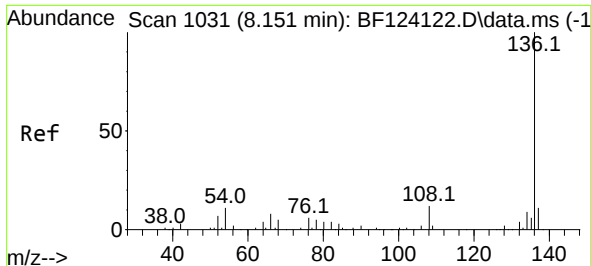
Tgt Ion: 99 Resp: 301024
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.8
71 47.3 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.67 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

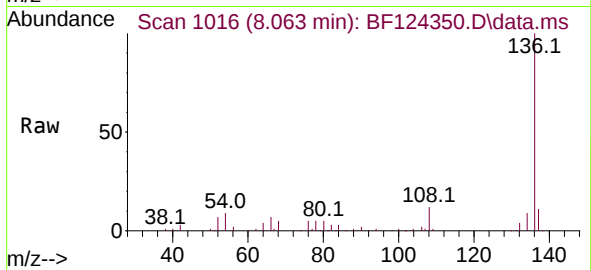
Tgt Ion: 70 Resp: 37933
Ion Ratio Lower Upper
70 100
42 51.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



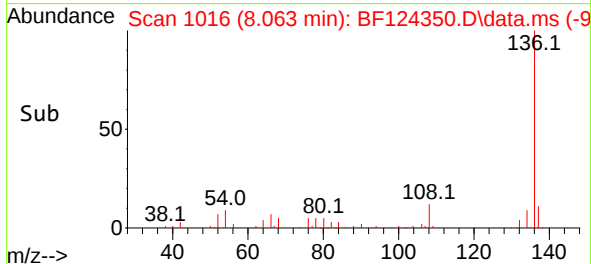
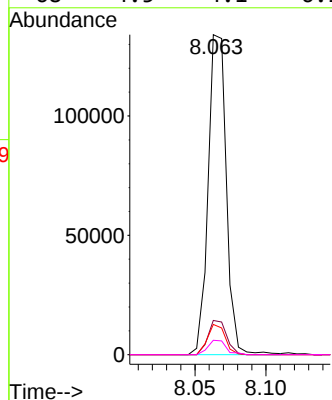


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Instrument :
BNA_F
ClientSampleId :
17-B6(60-64)

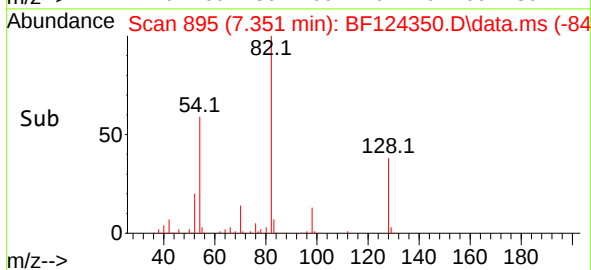
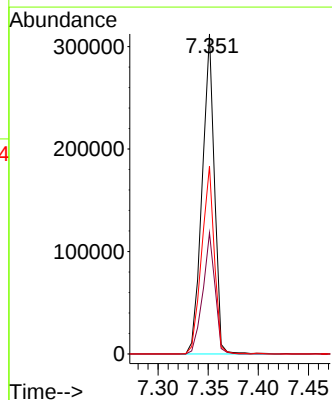
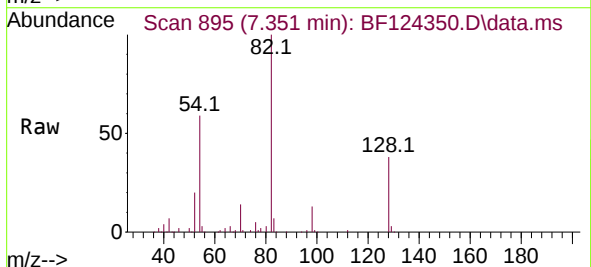


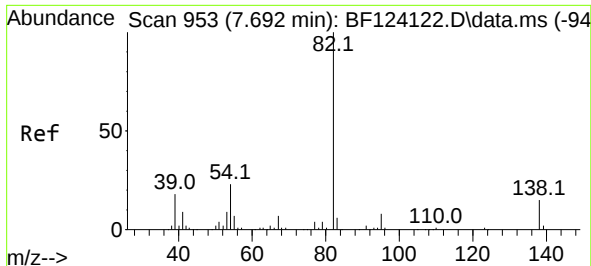
Tgt Ion:136	Resp:	120074
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	9.4	9.8 14.6#
68	4.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 88.13 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Tgt Ion: 82	Resp:	266822
Ion Ratio	Lower	Upper
82	100	
128	37.8	29.4 44.2
54	58.7	54.1 81.1

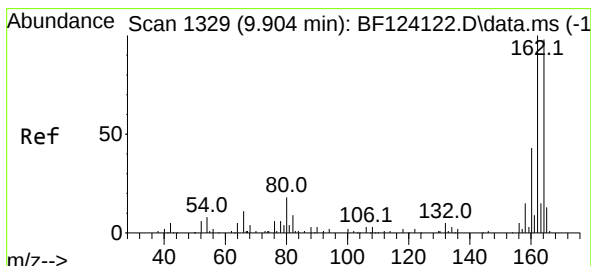
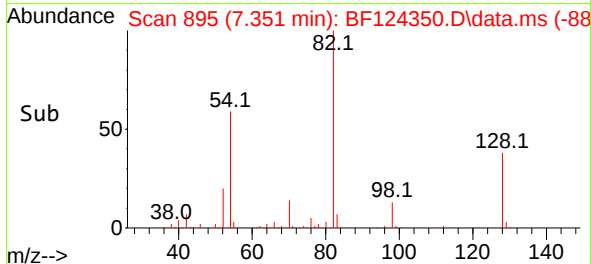
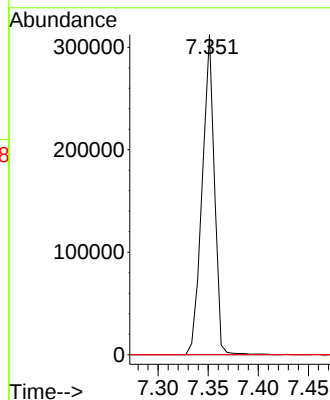
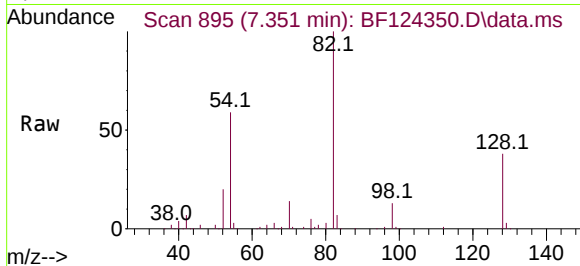




#25
Isophorone
Concen: 48.91 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

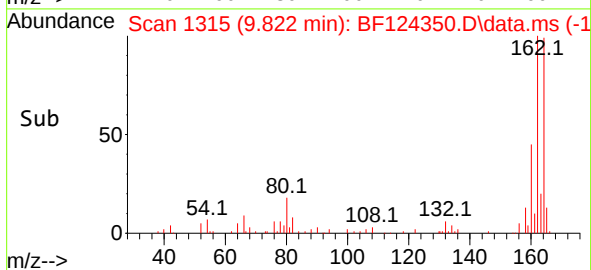
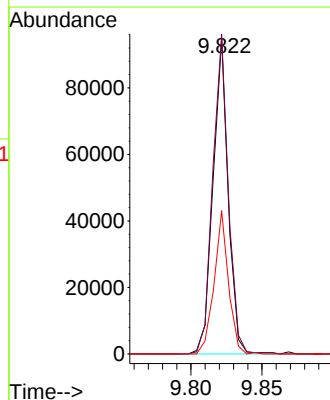
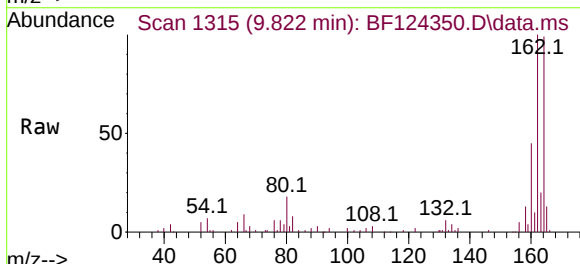
Instrument :
BNA_F
ClientSampleId :
17-B6(60-64)

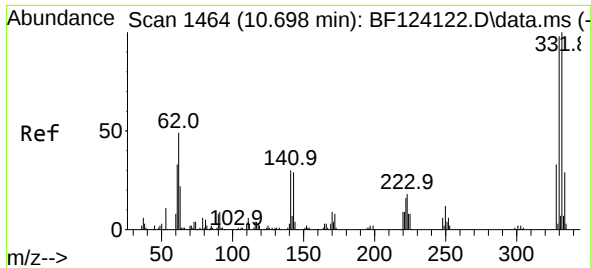
Tgt Ion: 82 Resp: 266822
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Tgt Ion: 164 Resp: 70533
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 45.4 37.3 55.9

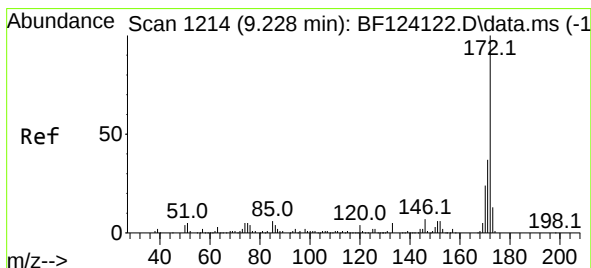
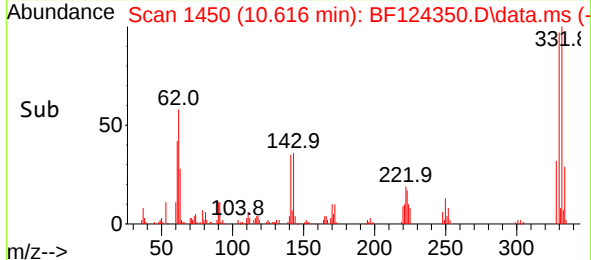
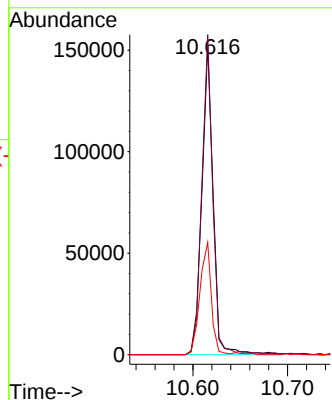
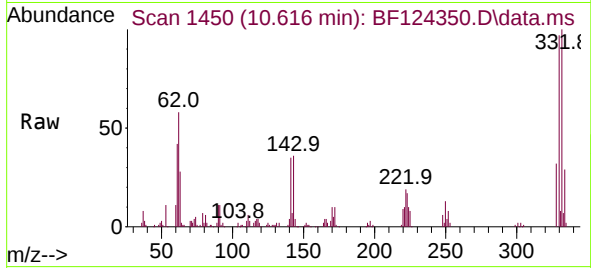




#42
2,4,6-Tribromophenol
Concen: 126.36 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

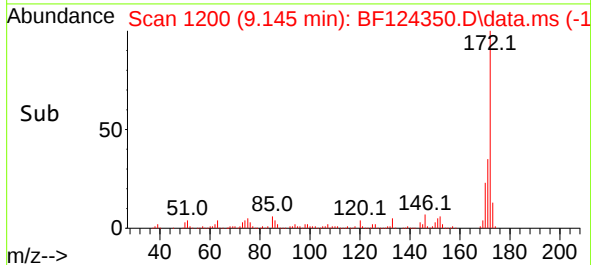
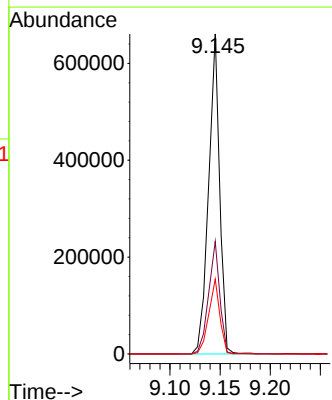
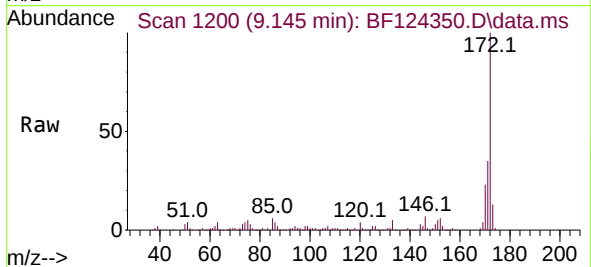
Instrument :
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17-B6(60-64)

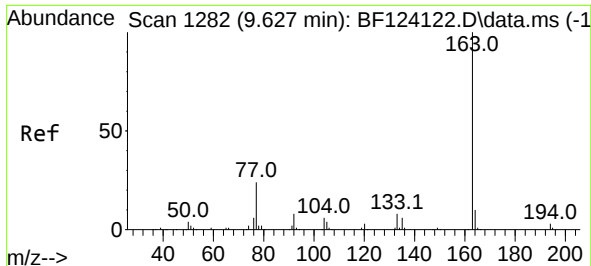
Tgt Ion: 330 Resp: 126272
Ion Ratio Lower Upper
330 100
332 99.3 77.1 115.7
141 36.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 91.19 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Tgt Ion: 172 Resp: 511140
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.4 19.2 28.8

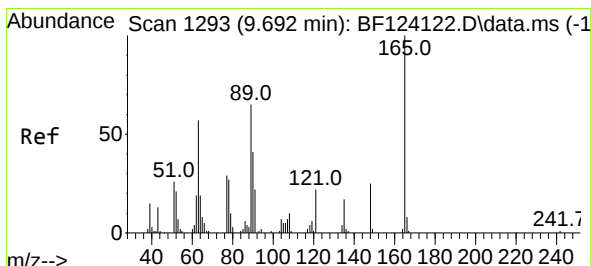
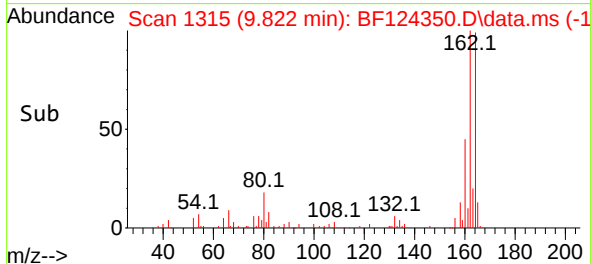
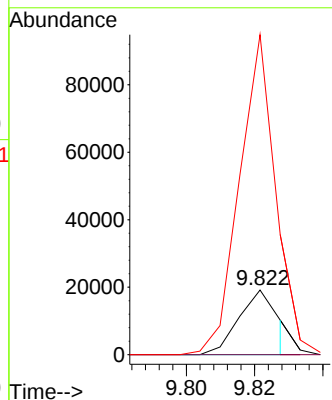
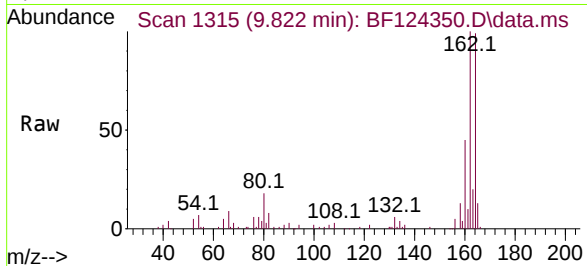




#50
Dimethylphthalate
Concen: 2.61 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

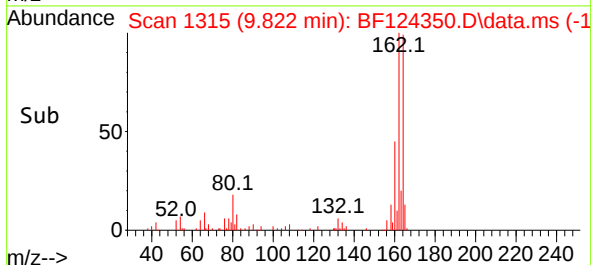
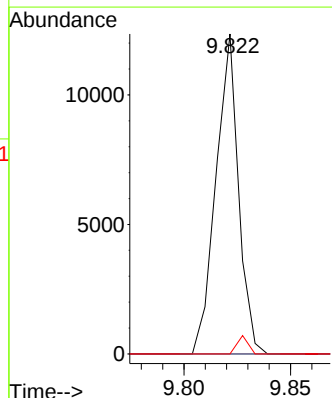
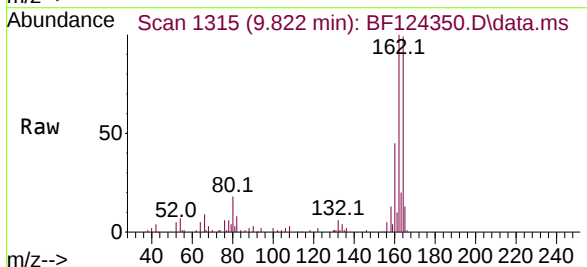
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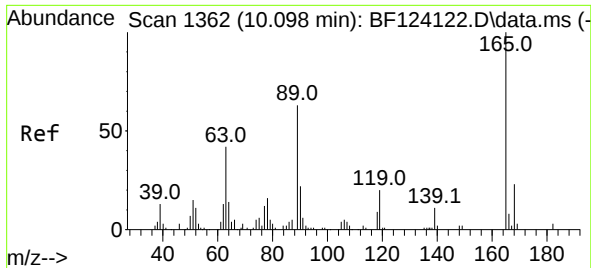
Tgt Ion:163 Resp: 15230
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 494.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.79 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

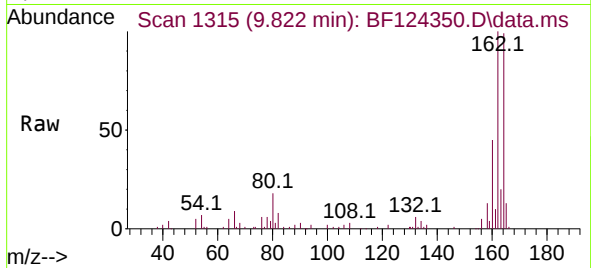
Tgt Ion:165 Resp: 9085
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



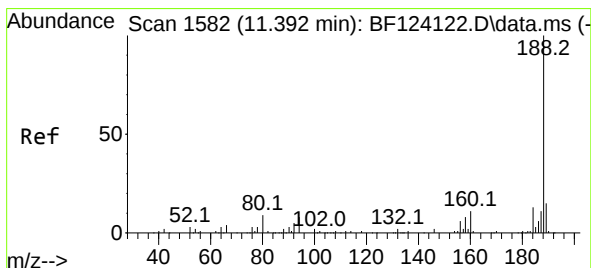
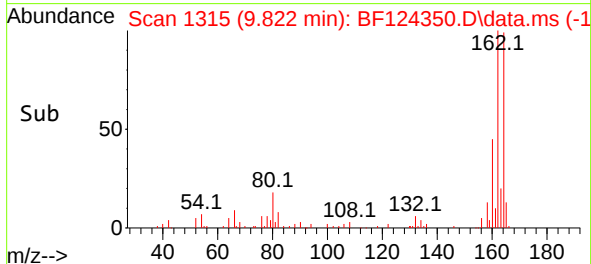
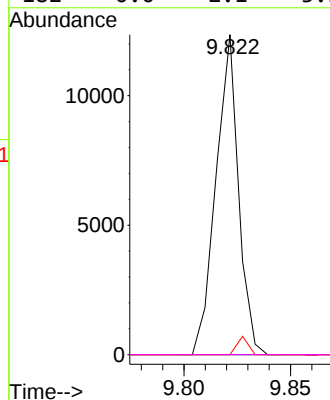


#57
2,4-Dinitrotoluene
Concen: 5.15 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Instrument :
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ClientSampleId :
17-B6(60-64)

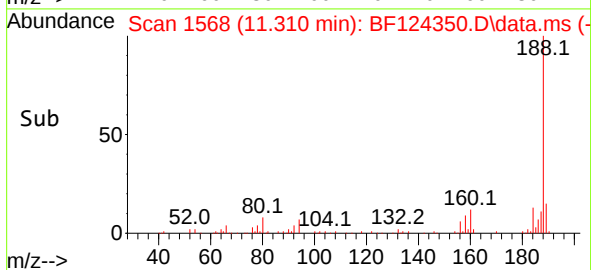
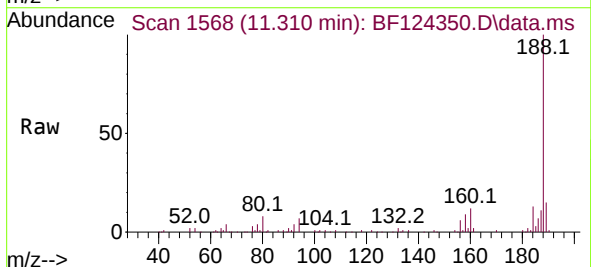
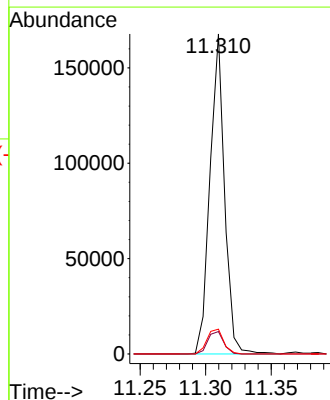


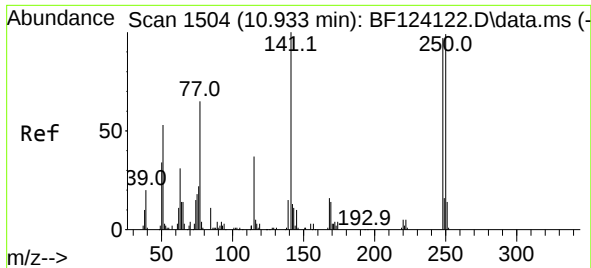
Tgt Ion:165 Resp: 9085
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Tgt Ion:188 Resp: 130183
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.7 8.2 12.2#

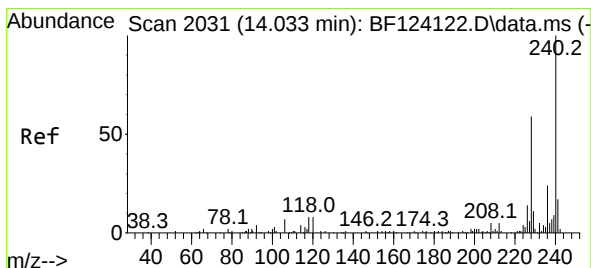
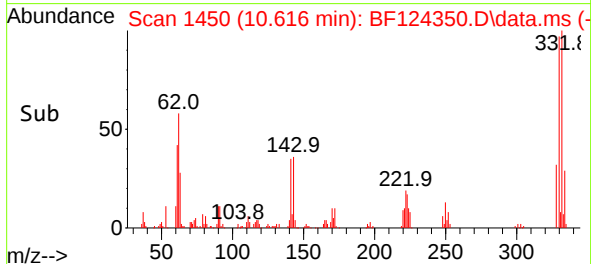
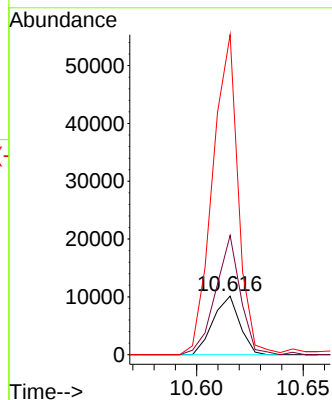
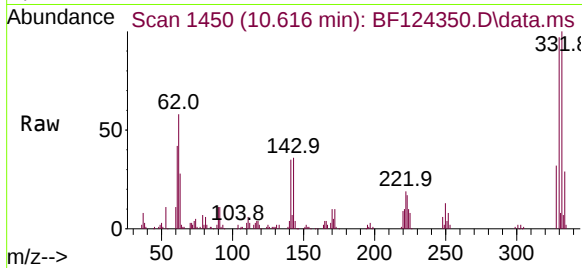




#67
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

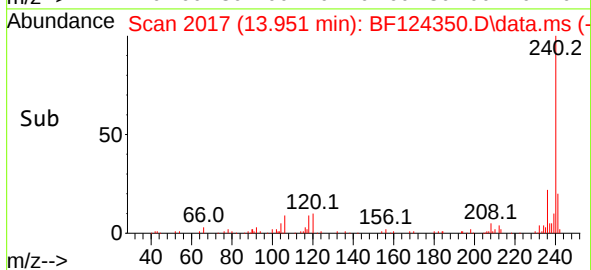
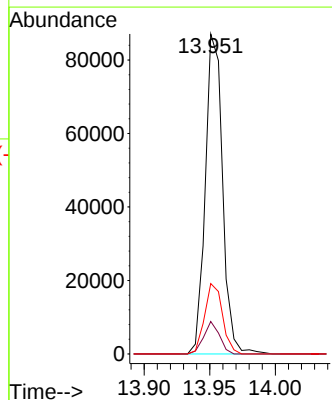
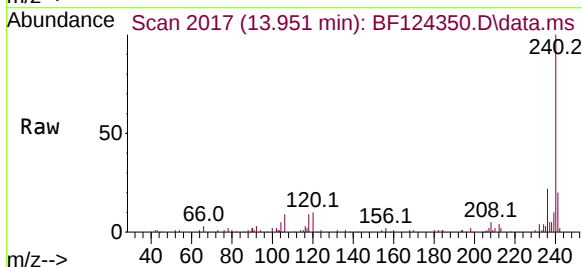
Instrument :
BNA_F
ClientSampleId :
17-B6(60-64)

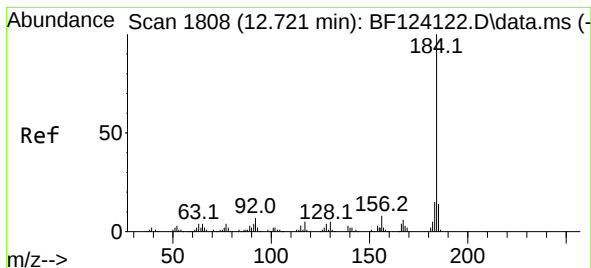
Tgt Ion:248 Resp: 8814
Ion Ratio Lower Upper
248 100
250 203.5 77.4 116.2#
141 545.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF124350.D
Acq: 16 Jun 2021 19:42

Tgt Ion:240 Resp: 79985
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 22.0 19.0 28.4





#77

Benzidine

Concen: 8.27 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124350.D

Acq: 16 Jun 2021 19:42

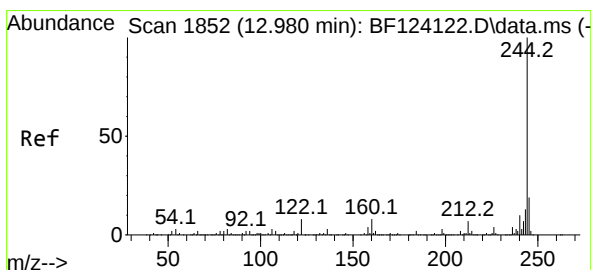
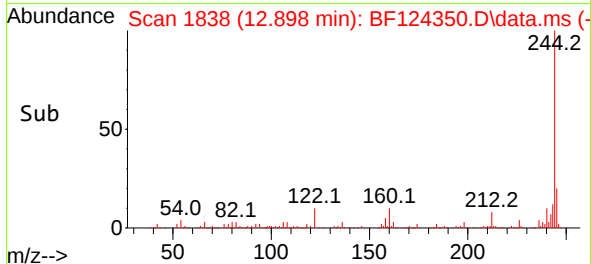
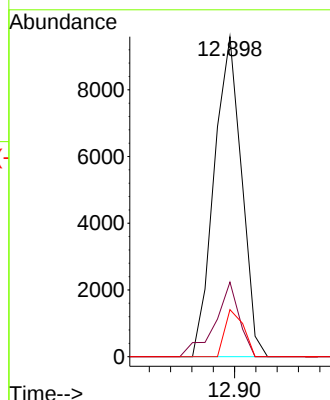
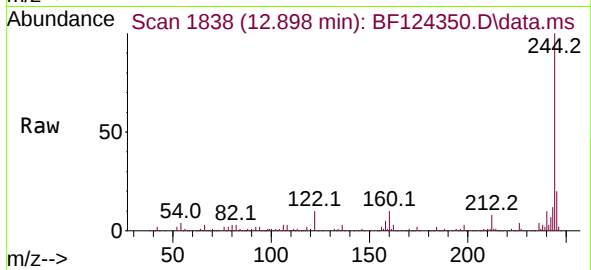
Tgt Ion:184	Resp:	8570
Ion Ratio	Lower	Upper
184	100	
185	23.3	12.1 18.1#
183	14.7	7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

17-B6(60-64)



#79

Terphenyl-d14

Concen: 85.13 ng

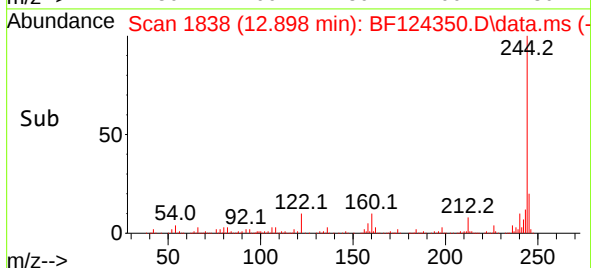
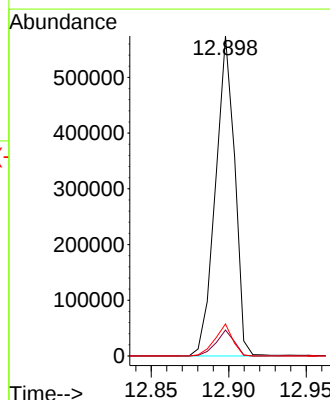
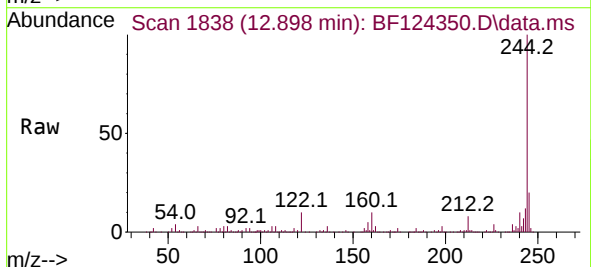
RT: 12.898 min Scan# 1838

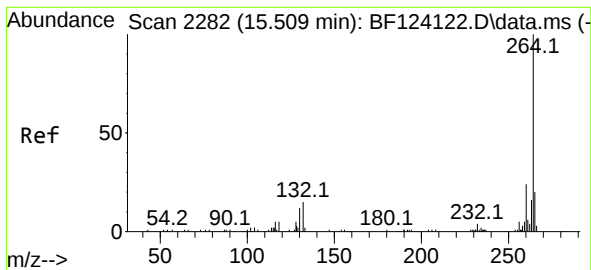
Delta R.T. -0.006 min

Lab File: BF124350.D

Acq: 16 Jun 2021 19:42

Tgt Ion:244	Resp:	495936
Ion Ratio	Lower	Upper
244	100	
212	8.1	5.7 8.5
122	10.0	9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF124350.D
 Acq: 16 Jun 2021 19:42

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(60-64)

Tgt Ion:264 Resp: 77327
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.9 17.8 26.8

