

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124352.D
 Acq On : 16 Jun 2021 20:48
 Operator : JU/CG
 Sample : M2672-33
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(56-60)

Quant Time: Jun 17 07:33:44 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)

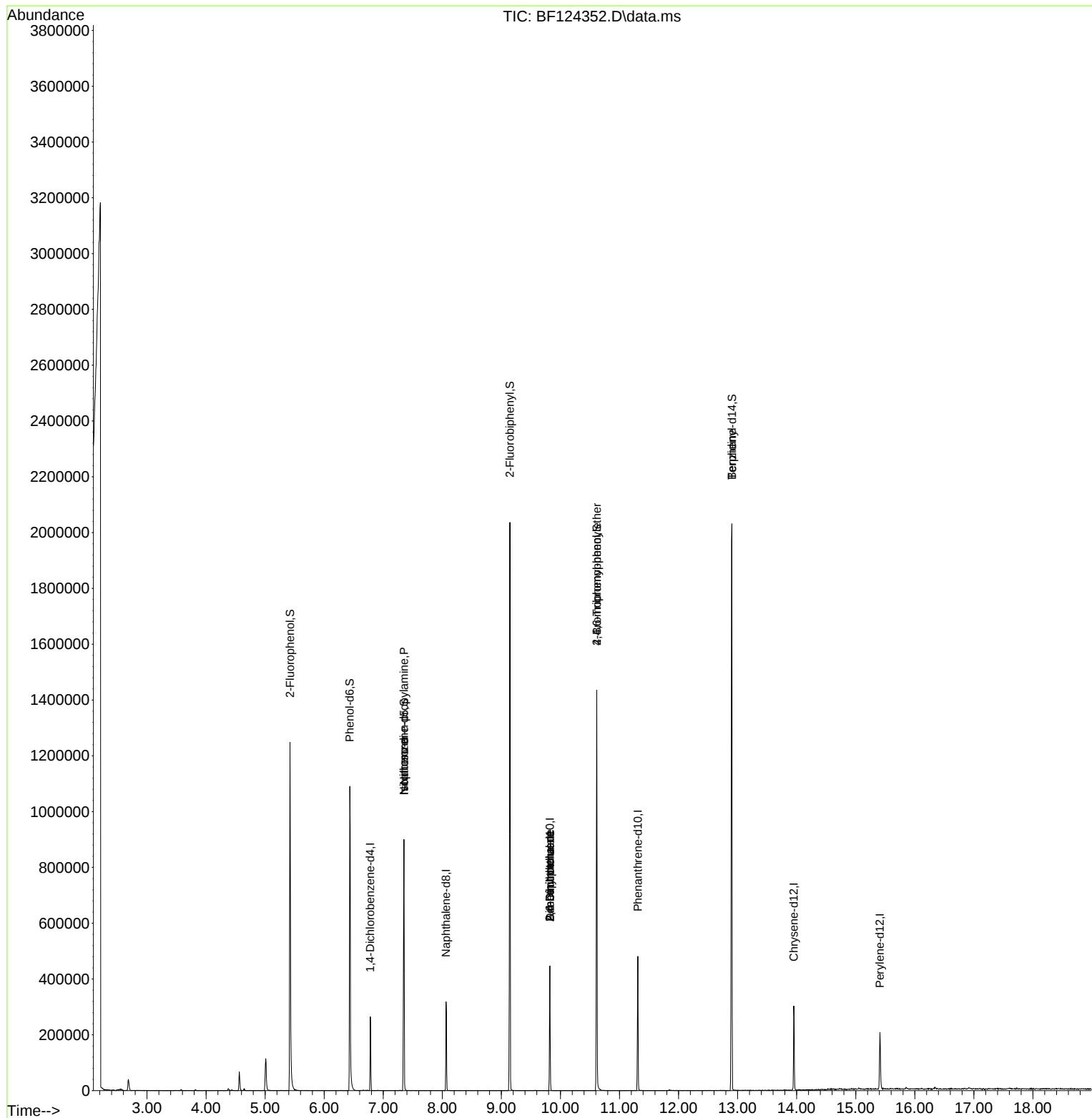
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	32048	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	124671	20.00	ng	-0.01
39) Acenaphthene-d10	9.822	164	75592	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	146756	20.00	ng	0.00
76) Chrysene-d12	13.951	240	98830	20.00	ng	-0.01
86) Perylene-d12	15.409	264	81380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	269448	126.56	ng	0.00
7) Phenol-d6	6.434	99	324840	113.52	ng	-0.01
23) Nitrobenzene-d5	7.351	82	273119	86.89	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	145662	136.01	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	523623	87.17	ng	0.00
79) Terphenyl-d14	12.904	244	676480	93.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	37903	18.76	ng	# 68
25) Isophorone	7.351	82	273113	48.22	ng	# 69
50) Dimethylphthalate	9.822	163	14524	2.32	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9049	6.31	ng	# 16
57) 2,4-Dinitrotoluene	9.822	165	9049	4.78	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	9820	4.88	ng	# 1
77) Benzidine	12.904	184	10930	8.40	ng	# 83

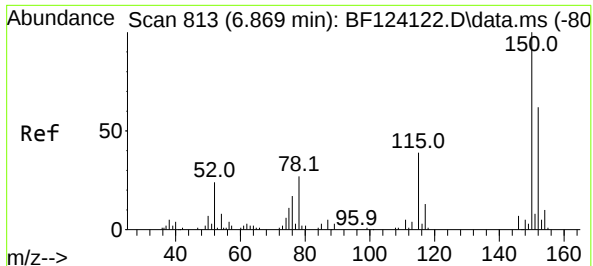
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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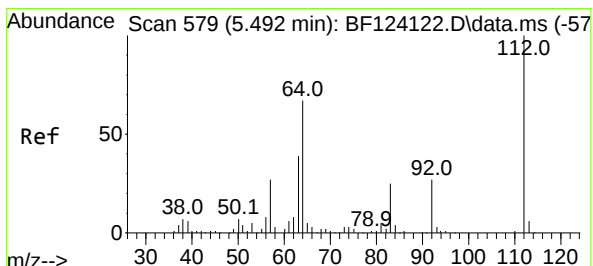
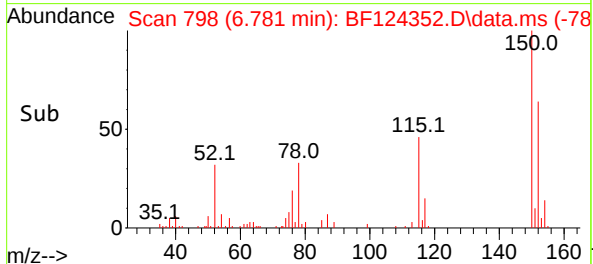
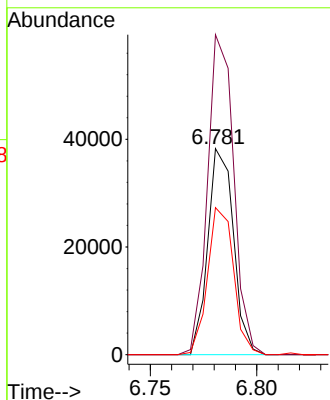
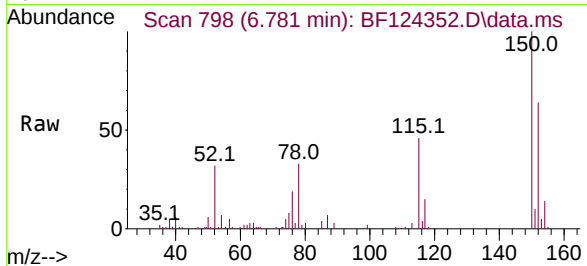




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

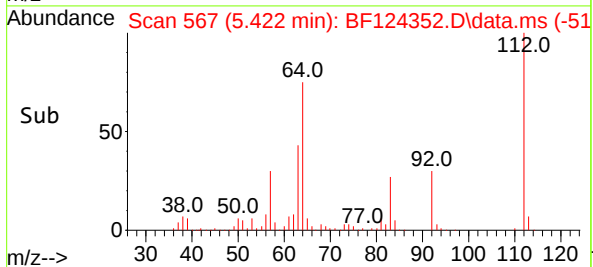
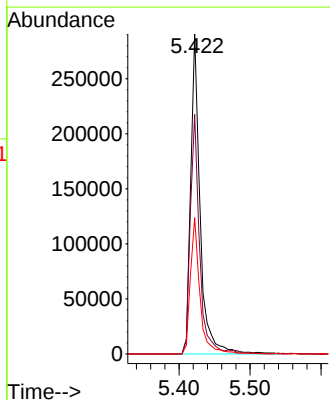
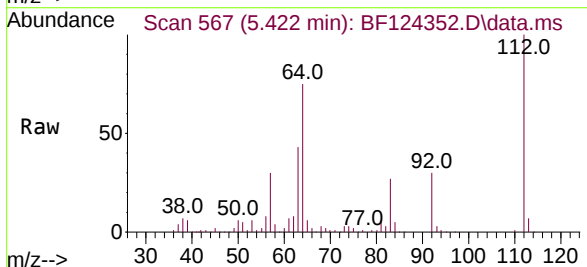
Instrument :
BNA_F
ClientSampleId :
17-B6(56-60)

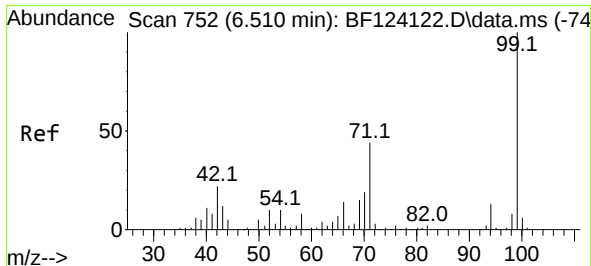
Tgt Ion:152 Resp: 32048
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 71.3 54.3 81.5



#5
2-Fluorophenol
Concen: 126.56 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Tgt Ion:112 Resp: 269448
Ion Ratio Lower Upper
112 100
64 74.9 61.4 92.0
63 42.6 33.0 49.4

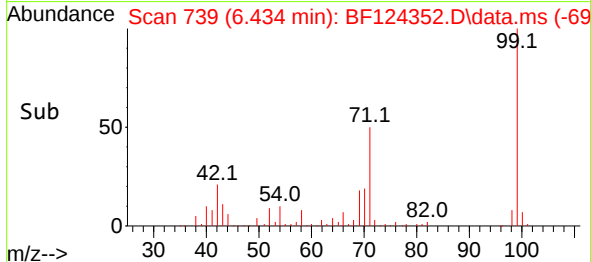
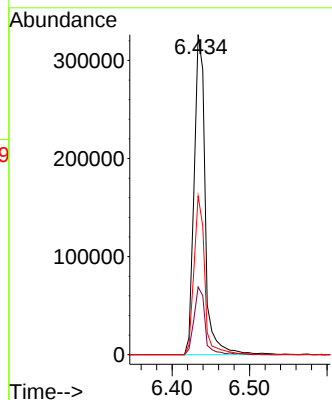
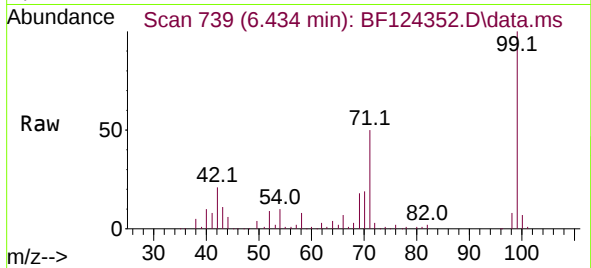




#7
Phenol-d6
Concen: 113.52 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

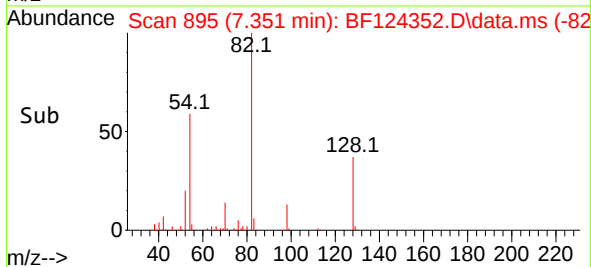
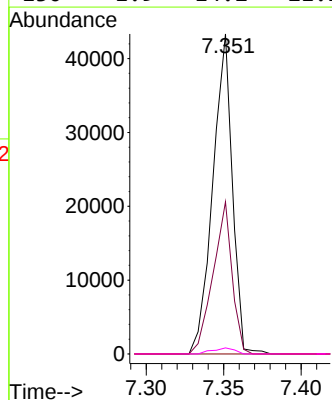
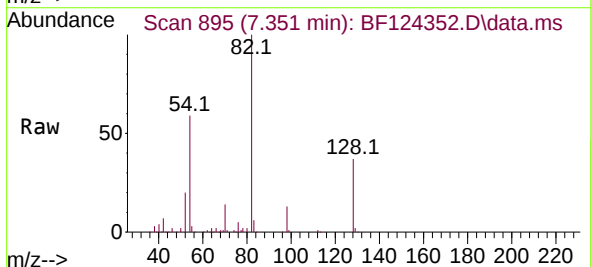
Instrument :
BNA_F
ClientSampleId :
17-B6(56-60)

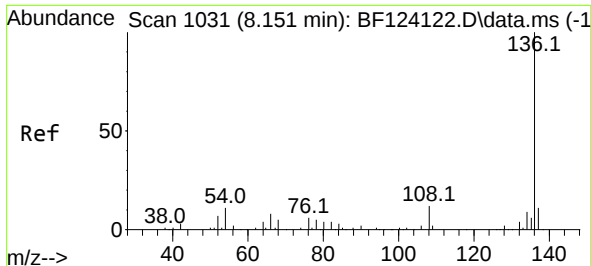
Tgt Ion: 99 Resp: 324840
Ion Ratio Lower Upper
99 100
42 21.1 19.8 29.8
71 49.6 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.76 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

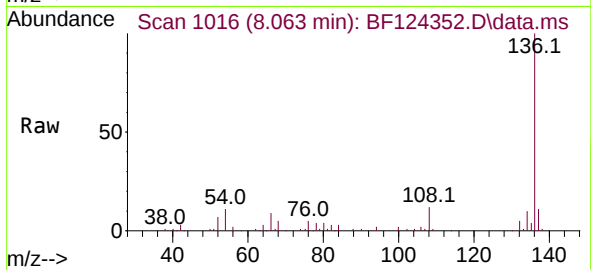
Tgt Ion: 70 Resp: 37903
Ion Ratio Lower Upper
70 100
42 47.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



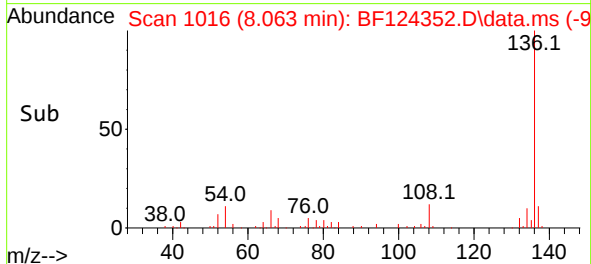
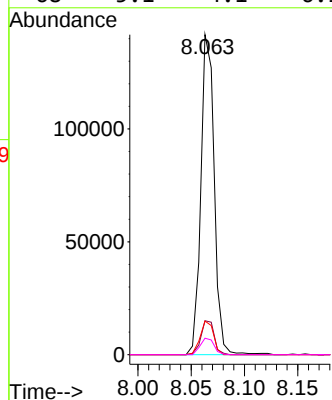


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Instrument :
BNA_F
ClientSampleId :
17-B6(56-60)

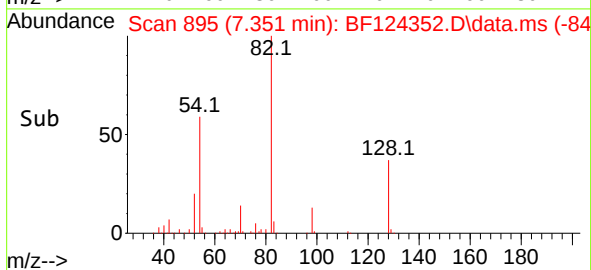
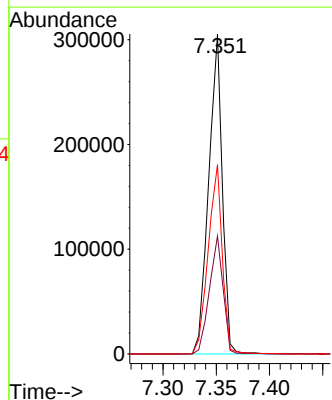
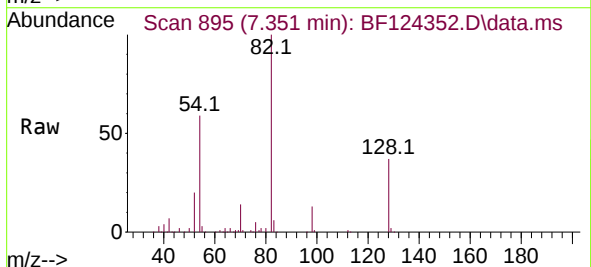


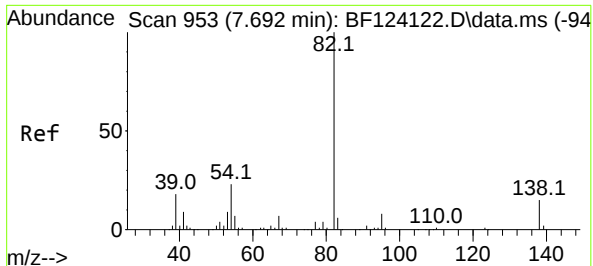
Tgt Ion:	136	Resp:	124671
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	10.5	9.8	14.6
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.89 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Tgt Ion:	82	Resp:	273119
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.4	44.2
54	59.2	54.1	81.1

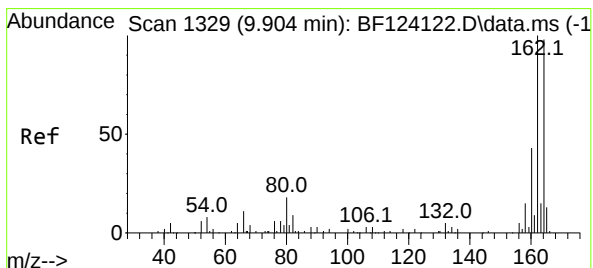
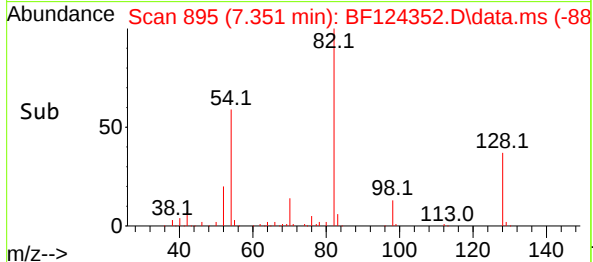
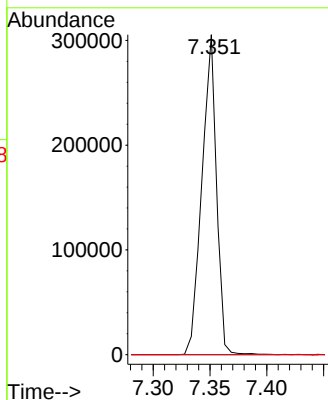
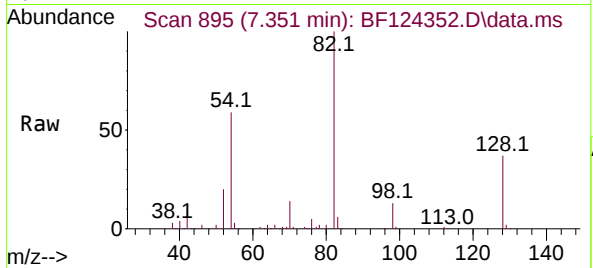




#25
Isophorone
Concen: 48.22 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

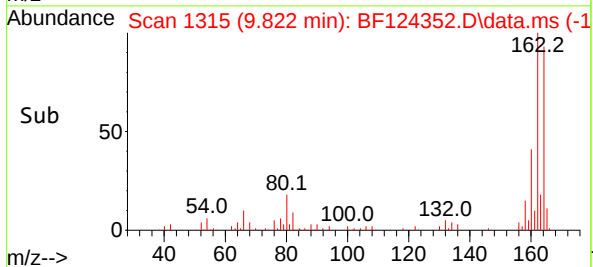
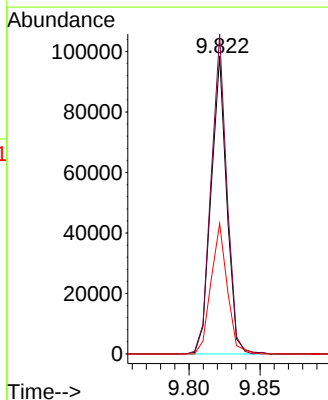
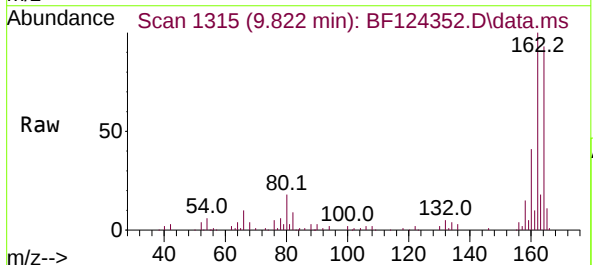
Instrument :
BNA_F
ClientSampleId :
17-B6(56-60)

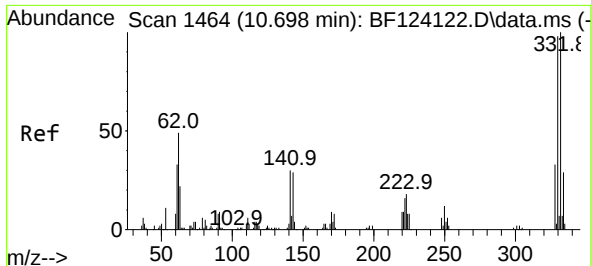
Tgt Ion: 82 Resp: 273113
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Tgt Ion: 164 Resp: 75592
Ion Ratio Lower Upper
164 100
162 107.4 80.7 121.1
160 43.7 37.3 55.9

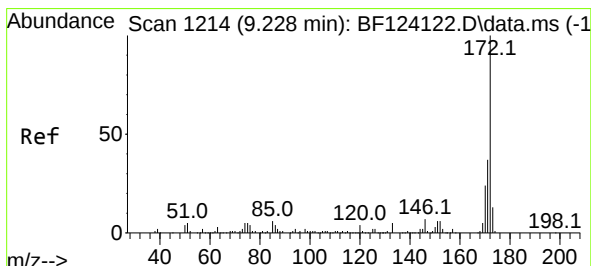
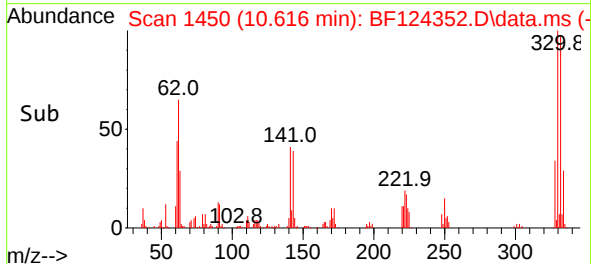
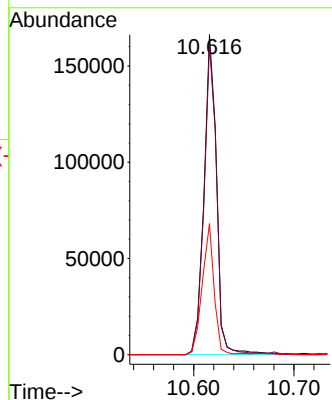
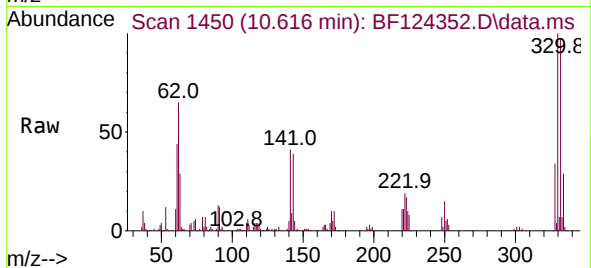




#42
2,4,6-Tribromophenol
Concen: 136.01 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

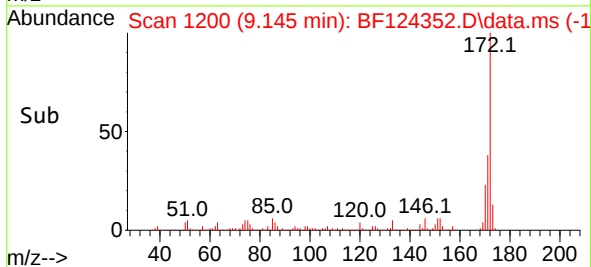
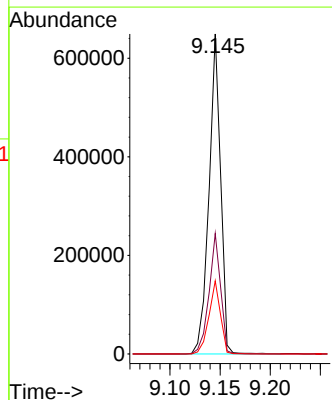
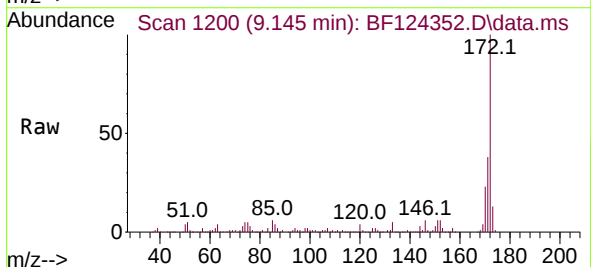
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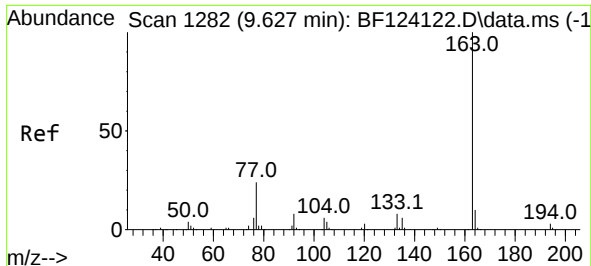
Tgt Ion: 330 Resp: 145662
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 87.17 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Tgt Ion: 172 Resp: 523623
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 22.8 19.2 28.8

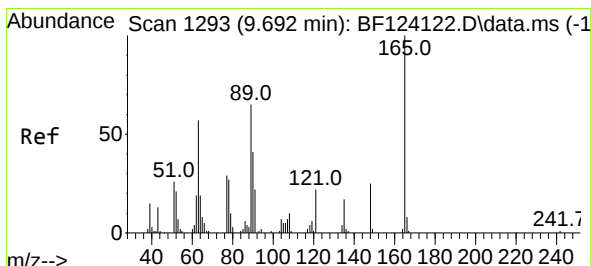
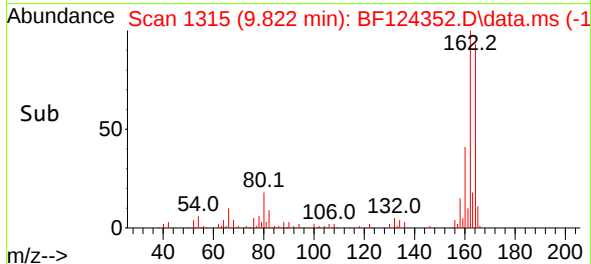
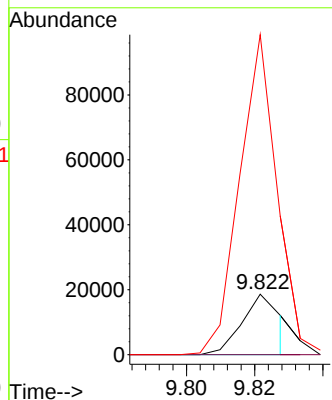
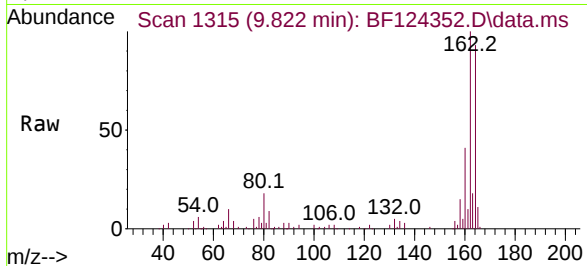




#50
Dimethylphthalate
Concen: 2.32 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

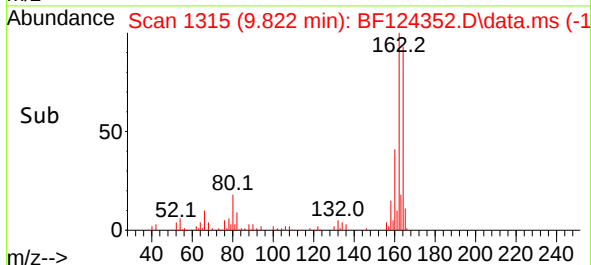
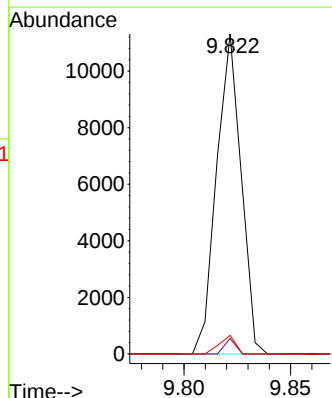
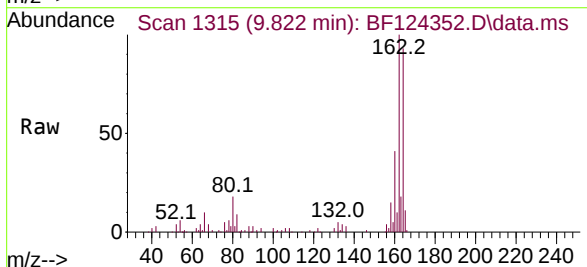
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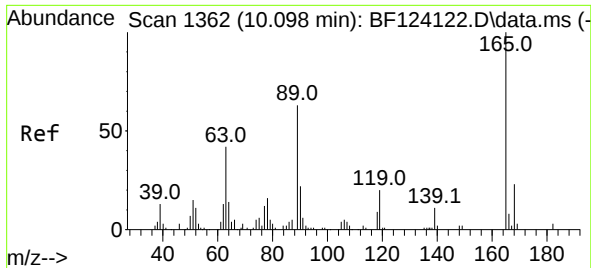
Tgt Ion:163 Resp: 14524
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 528.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.31 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

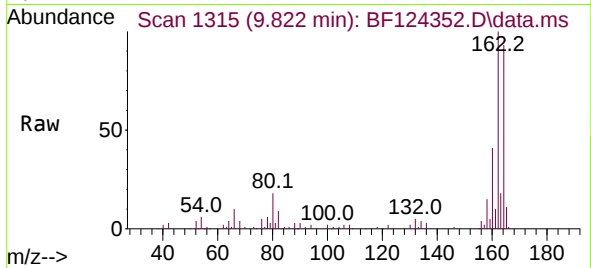
Tgt Ion:165 Resp: 9049
Ion Ratio Lower Upper
165 100
63 4.8 67.7 101.5#
89 5.8 58.8 88.2#



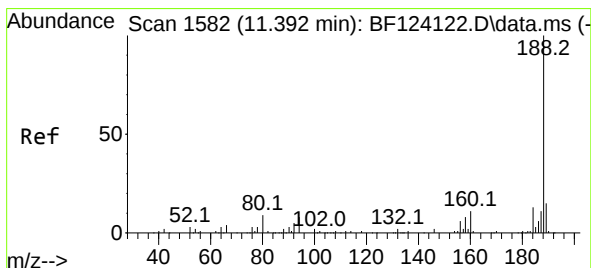
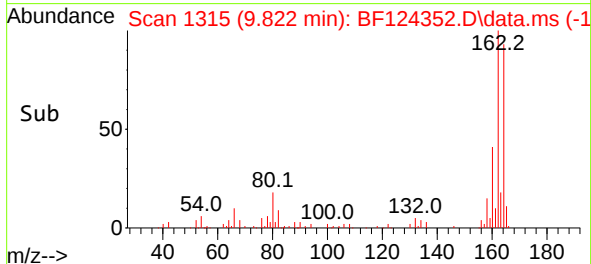
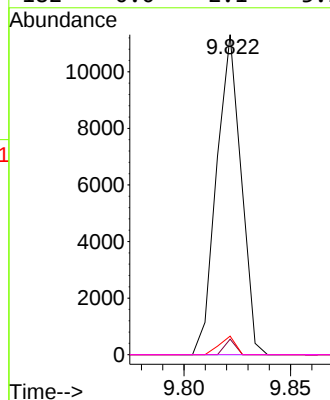


#57
2,4-Dinitrotoluene
Concen: 4.78 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Instrument :
BNA_F
ClientSampleId :
17-B6(56-60)

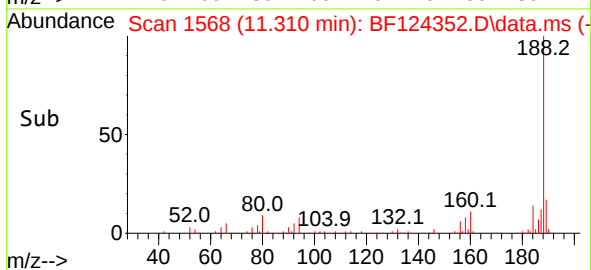
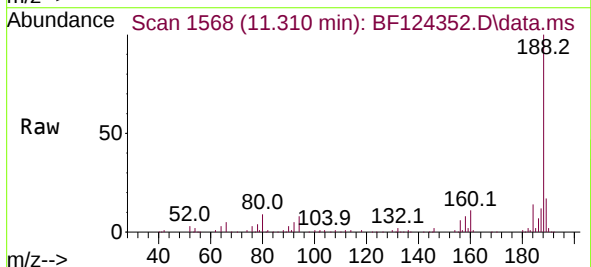
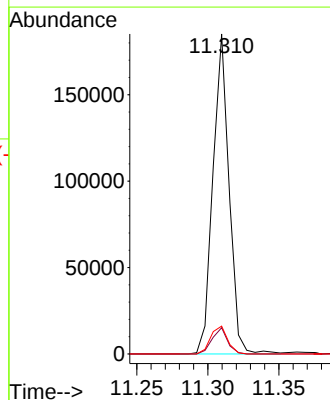


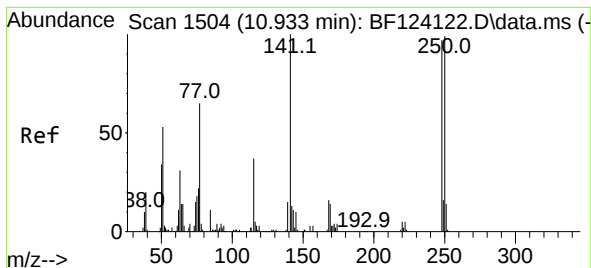
Tgt Ion:165 Resp: 9049
Ion Ratio Lower Upper
165 100
63 4.8 43.5 65.3#
89 5.8 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Tgt Ion:188 Resp: 146756
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.7 8.2 12.2

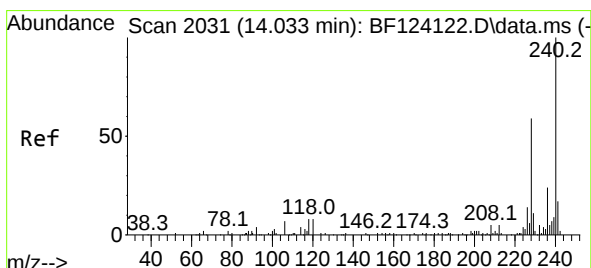
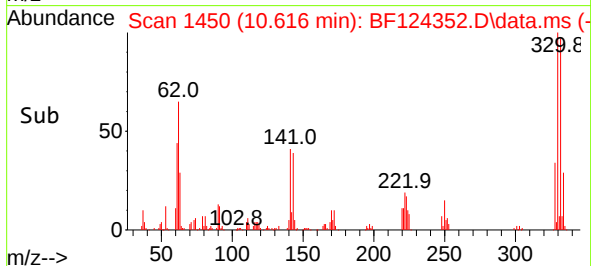
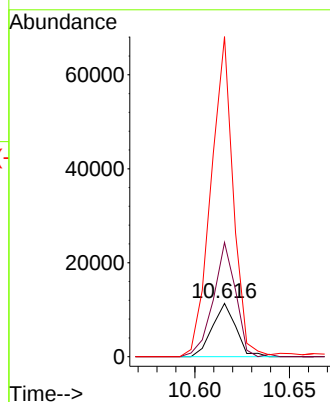
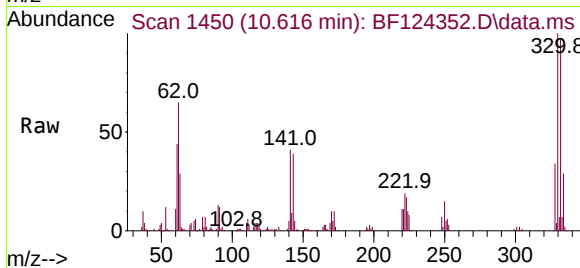




#67
4-Bromophenyl-phenylether
Concen: 4.88 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

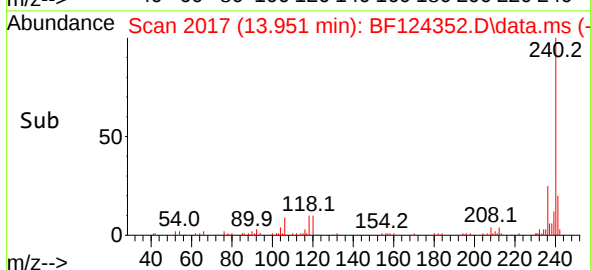
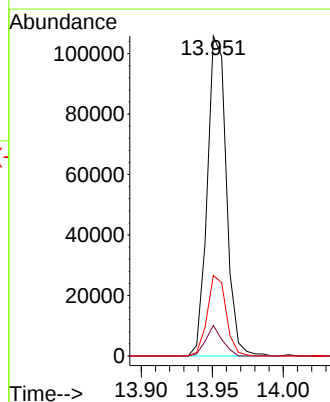
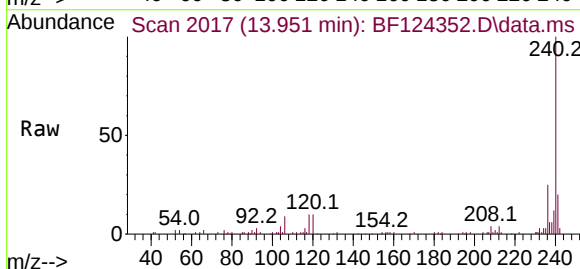
Instrument :
BNA_F
ClientSampleId :
17-B6(56-60)

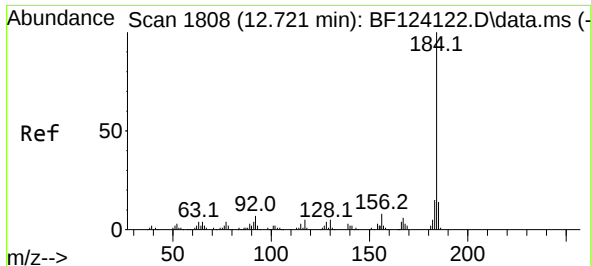
Tgt Ion:248 Resp: 9820
Ion Ratio Lower Upper
248 100
250 214.5 77.4 116.2#
141 600.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Tgt Ion:240 Resp: 98830
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 25.2 19.0 28.4

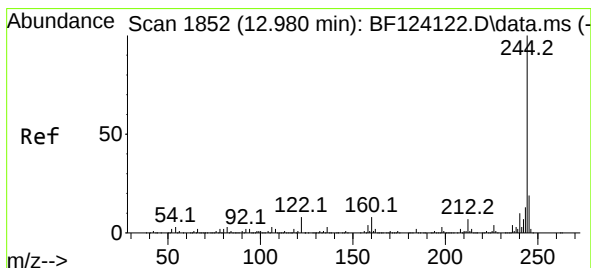
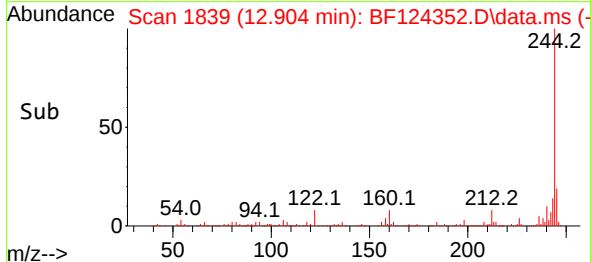
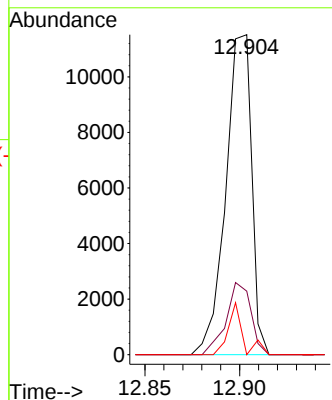
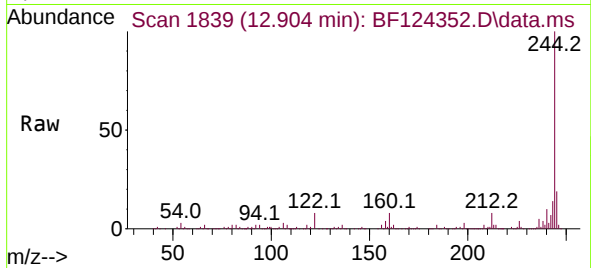




#77
Benzidine
Concen: 8.40 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

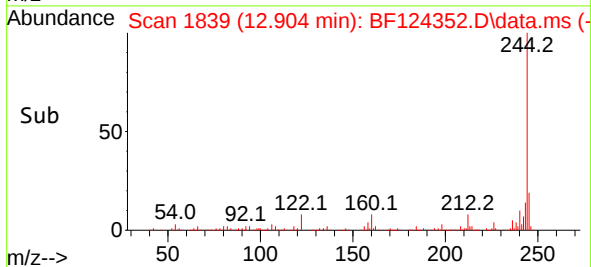
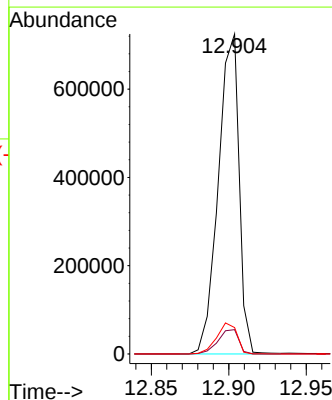
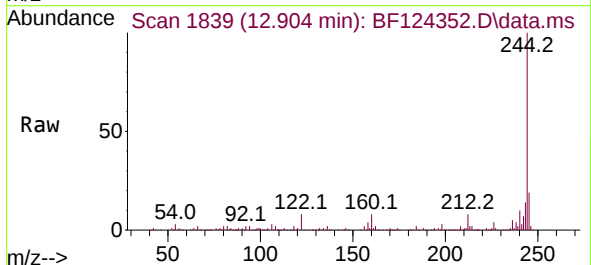
Instrument :
BNA_F
ClientSampleId :
17-B6(56-60)

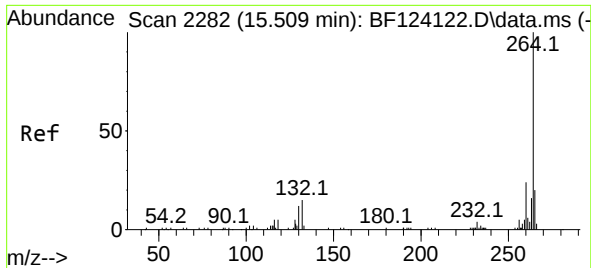
Tgt Ion:184 Resp: 10930
Ion Ratio Lower Upper
184 100
185 19.8 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 93.98 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124352.D
Acq: 16 Jun 2021 20:48

Tgt Ion:244 Resp: 676480
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.2 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: BF124352.D
 Acq: 16 Jun 2021 20:48

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(56-60)

Tgt Ion:264	Resp:	81380
Ion Ratio	Lower	Upper
264	100	
260	27.6	18.7 28.1
265	21.4	17.8 26.8

