

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124348.D
 Acq On : 16 Jun 2021 18:36
 Operator : JU/CG
 Sample : M2672-36
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(68-72)

Quant Time: Jun 17 07:33:08 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)

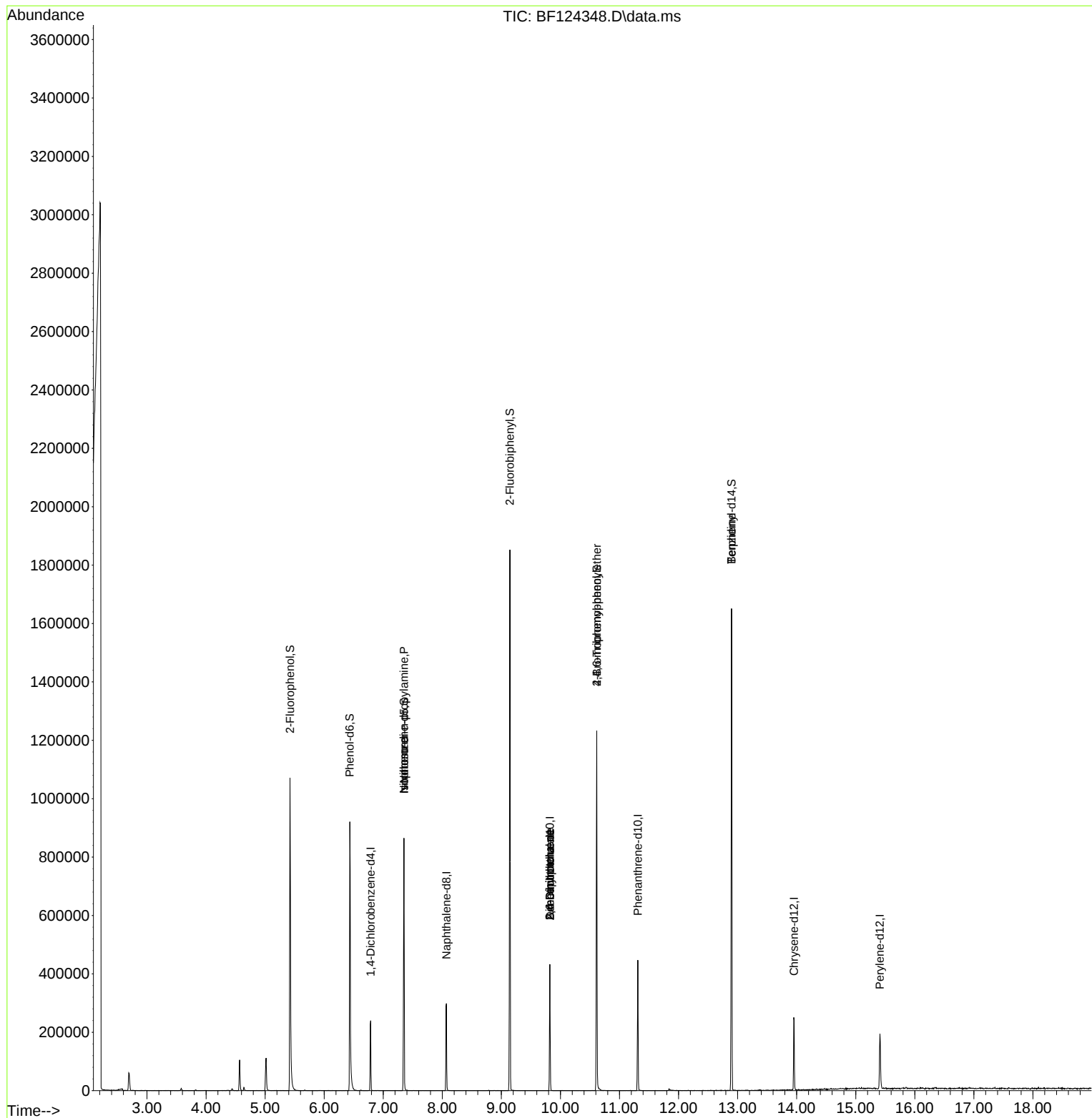
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	30721	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	120979	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	73982	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	138252	20.00	ng	0.00
76) Chrysene-d12	13.957	240	84736	20.00	ng	# 0.00
86) Perylene-d12	15.409	264	84740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	248040	121.54	ng	0.00
7) Phenol-d6	6.434	99	277571	101.19	ng	-0.01
23) Nitrobenzene-d5	7.351	82	246587	80.84	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	122382	116.76	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	475799	80.93	ng	0.00
79) Terphenyl-d14	12.898	244	505504	81.91	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	35243	18.20	ng	# 61
25) Isophorone	7.351	82	246626	44.87	ng	# 69
50) Dimethylphthalate	9.822	163	13615	2.22	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10075	7.18	ng	# 14
57) 2,4-Dinitrotoluene	9.822	165	10075	5.44	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	9129	4.81	ng	# 1
77) Benzidine	12.898	184	8489	8.00	ng	# 87

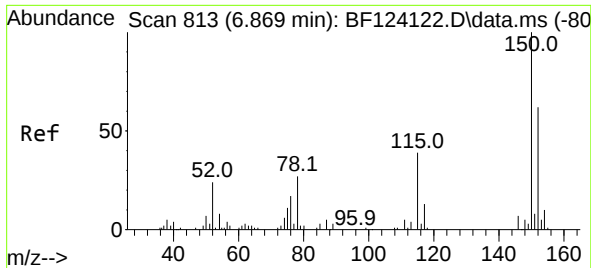
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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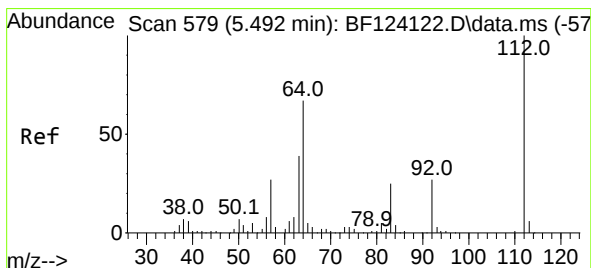
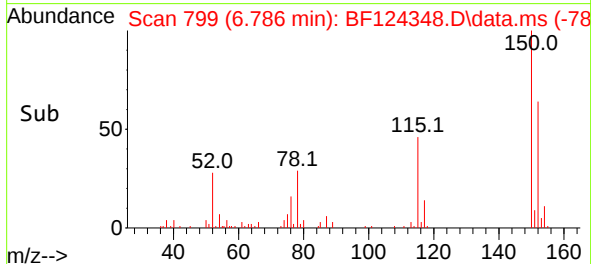
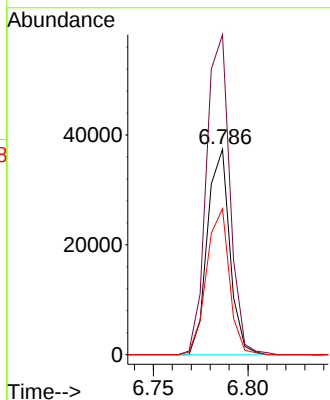
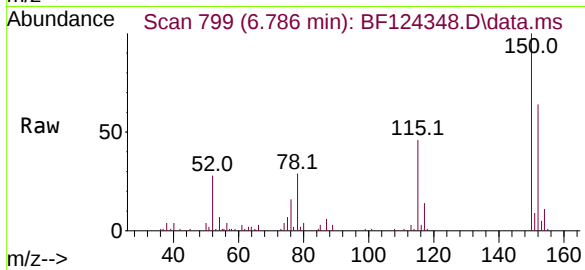




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

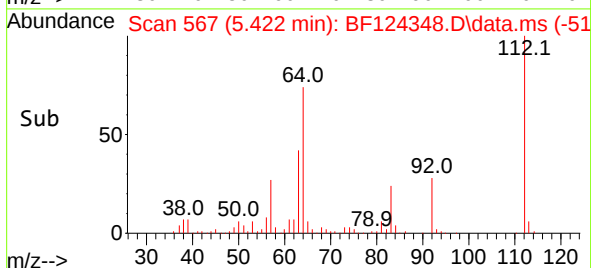
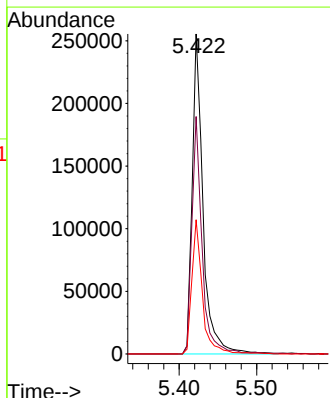
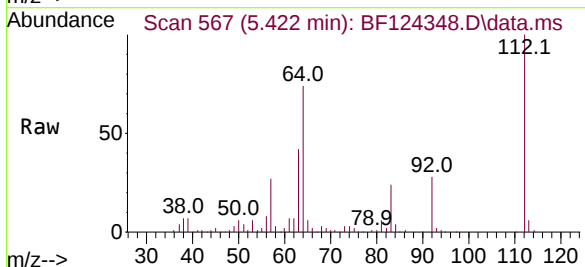
Instrument :
BNA_F
ClientSampleId :
17-B6(68-72)

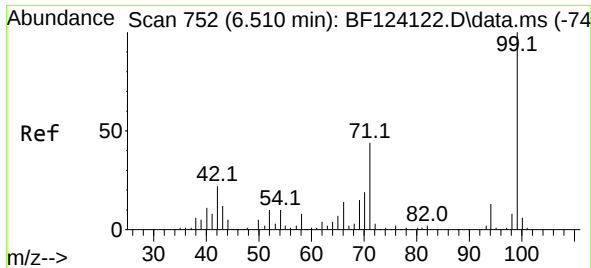
Tgt Ion:152 Resp: 30721
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 71.1 54.3 81.5



#5
2-Fluorophenol
Concen: 121.54 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Tgt Ion:112 Resp: 248040
Ion Ratio Lower Upper
112 100
64 74.2 61.4 92.0
63 42.0 33.0 49.4

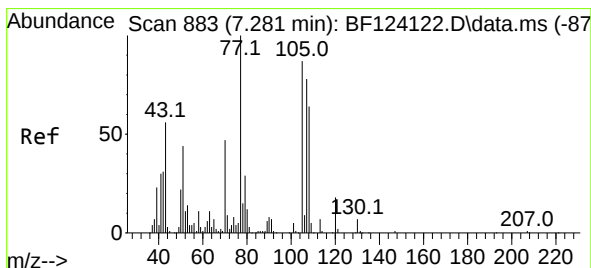
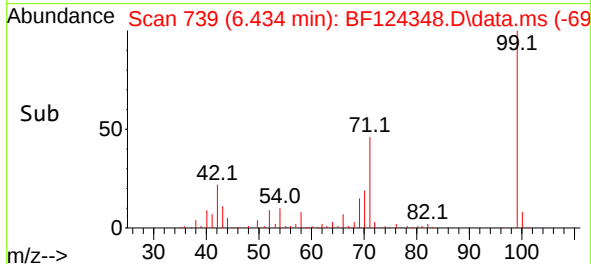
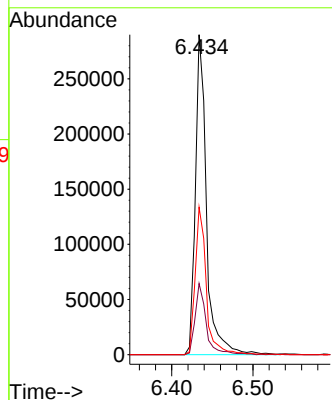
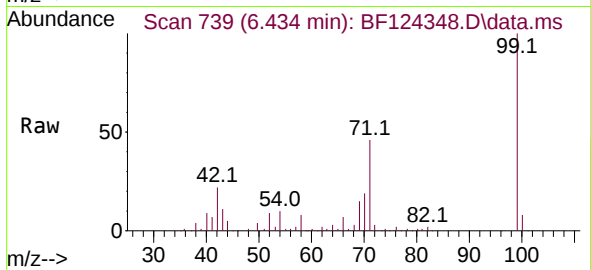




#7
Phenol-d6
Concen: 101.19 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

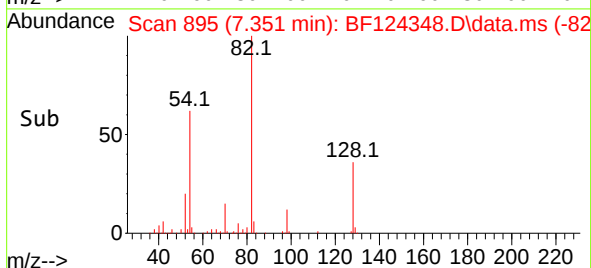
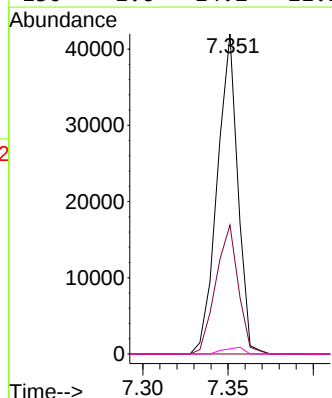
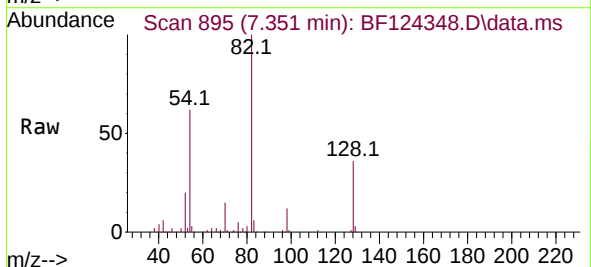
Instrument :
BNA_F
ClientSampleId :
17-B6(68-72)

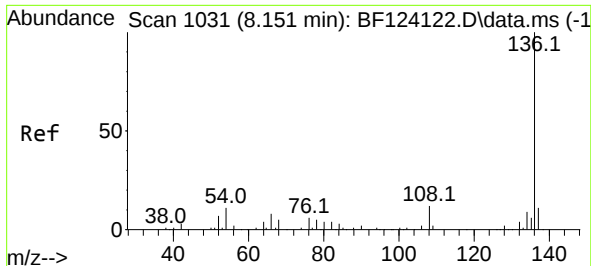
Tgt Ion: 99 Resp: 277571
Ion Ratio Lower Upper
99 100
42 22.2 19.8 29.8
71 46.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.20 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Tgt Ion: 70 Resp: 35243
Ion Ratio Lower Upper
70 100
42 40.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

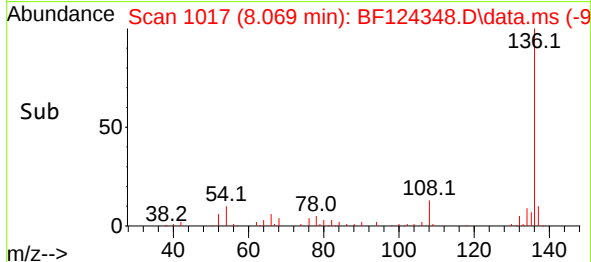
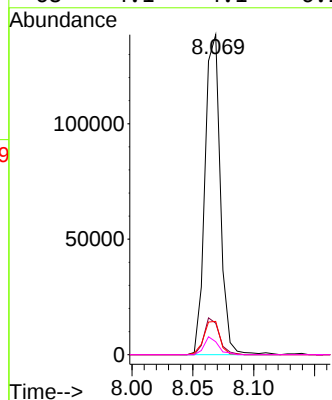
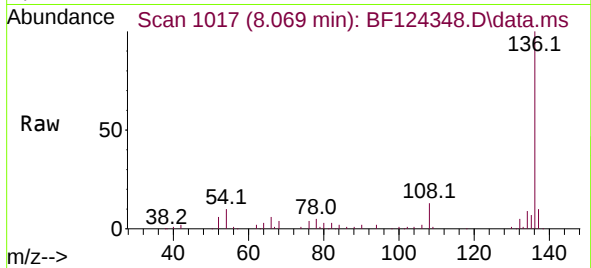




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

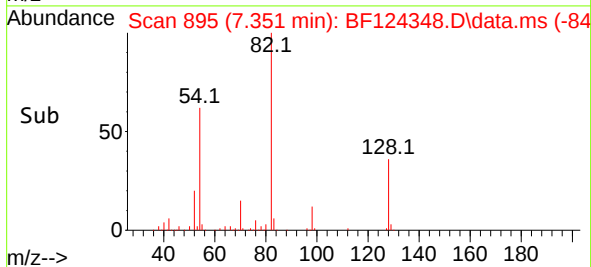
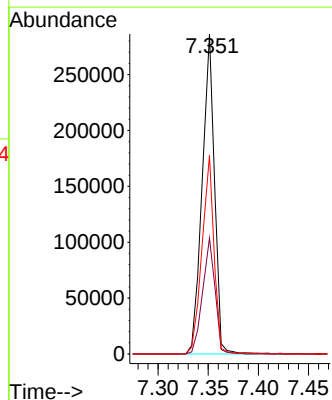
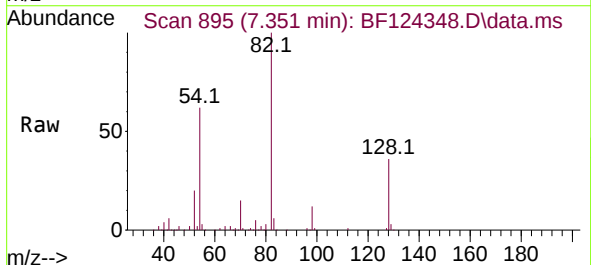
Instrument :
BNA_F
ClientSampleId :
17-B6(68-72)

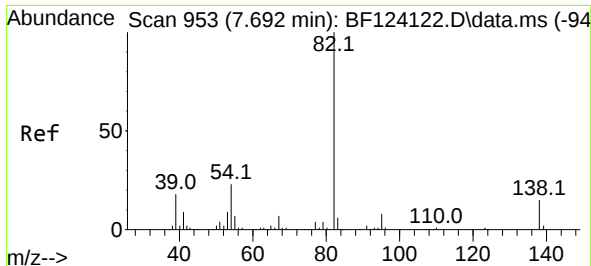
Tgt Ion:136	Resp: 120979
Ion Ratio	Lower Upper
136 100	
137 9.9	8.7 13.1
54 10.4	9.8 14.6
68 4.1	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 80.84 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Tgt Ion: 82	Resp: 246587
Ion Ratio	Lower Upper
82 100	
128 36.3	29.4 44.2
54 62.0	54.1 81.1

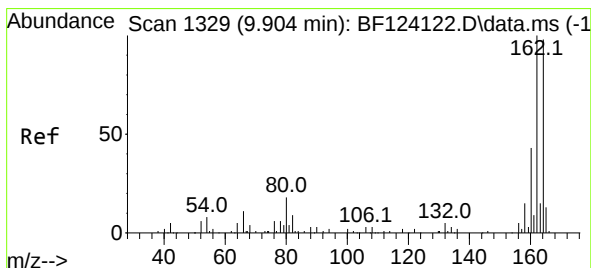
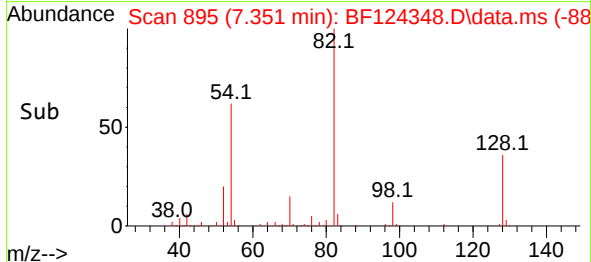
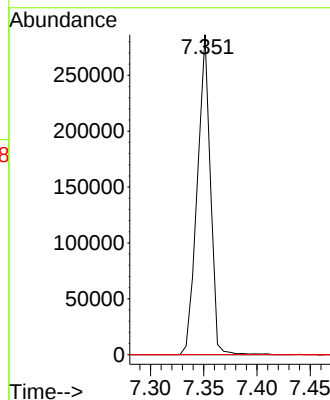
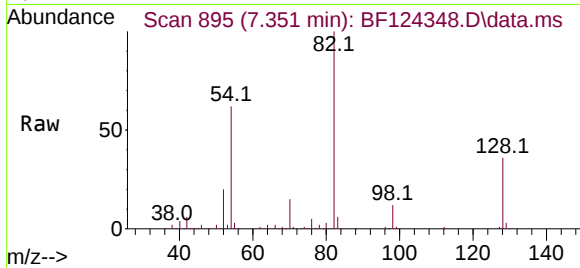




#25
Isophorone
Concen: 44.87 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

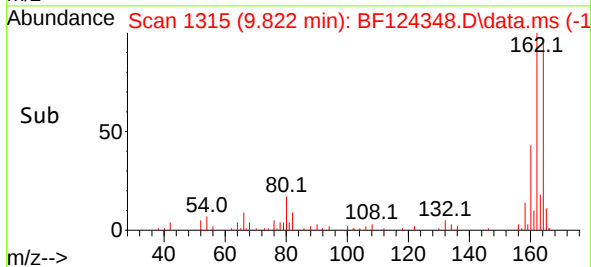
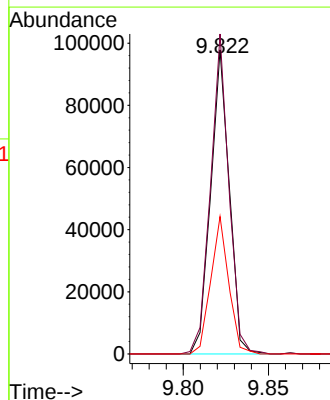
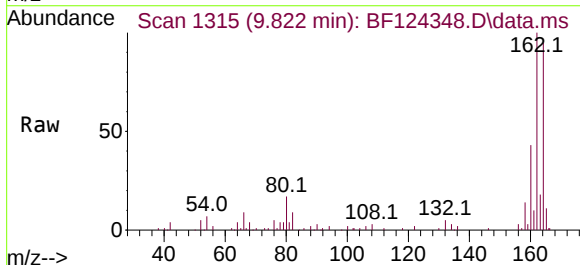
Instrument :
BNA_F
ClientSampleId :
17-B6(68-72)

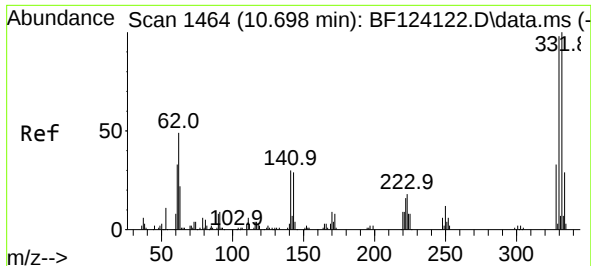
Tgt Ion: 82 Resp: 246626
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Tgt Ion: 164 Resp: 73982
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 45.2 37.3 55.9

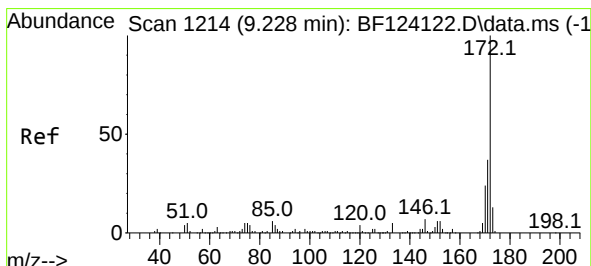
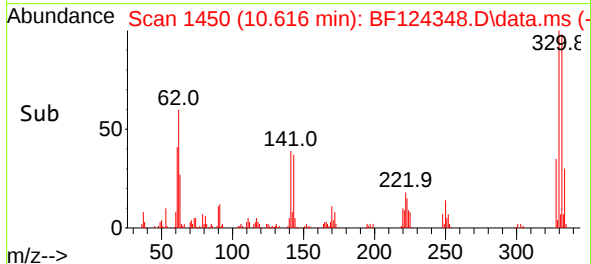
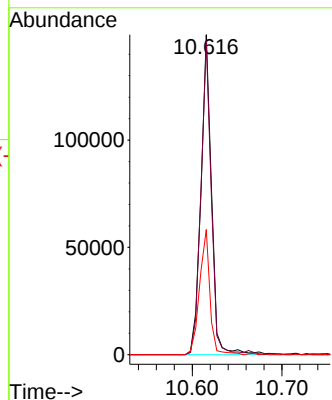
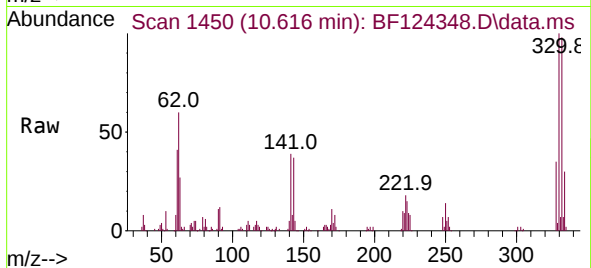




#42
2,4,6-Tribromophenol
Concen: 116.76 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

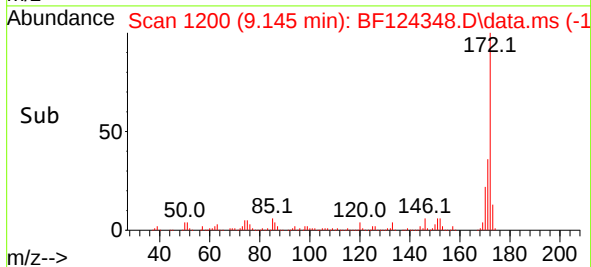
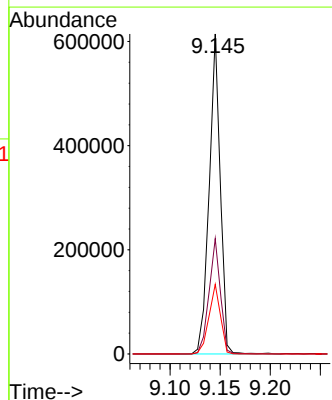
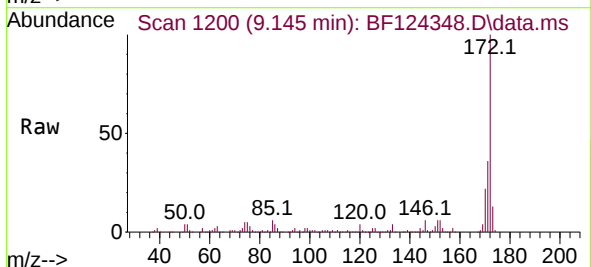
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17-B6(68-72)

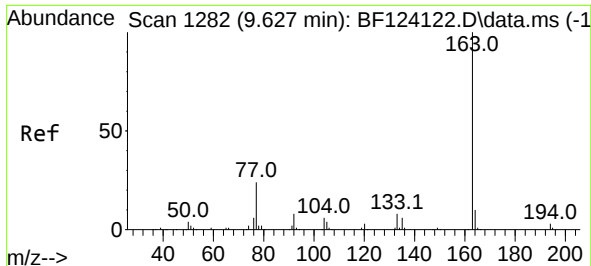
Tgt Ion: 330 Resp: 122382
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 38.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.93 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Tgt Ion: 172 Resp: 475799
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 21.8 19.2 28.8

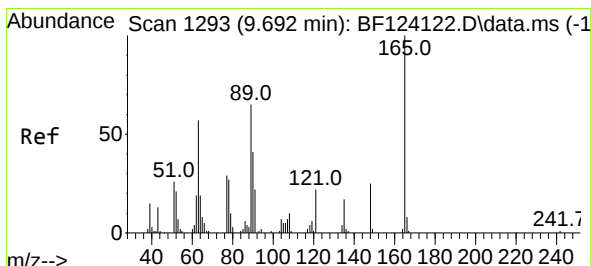
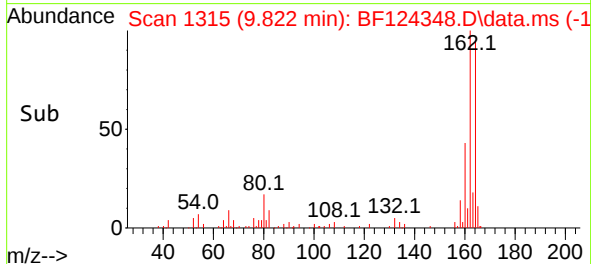
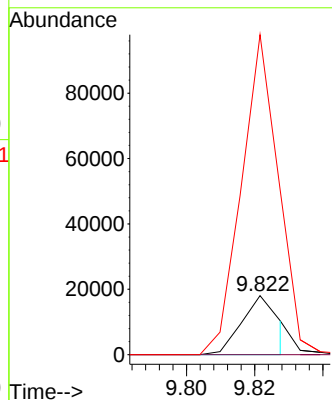
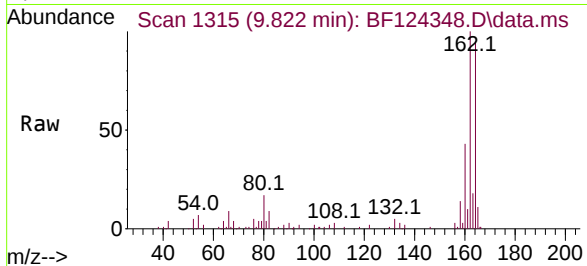




#50
Dimethylphthalate
Concen: 2.22 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

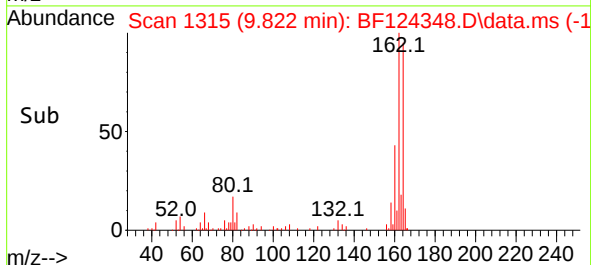
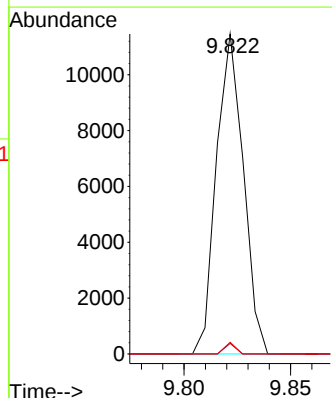
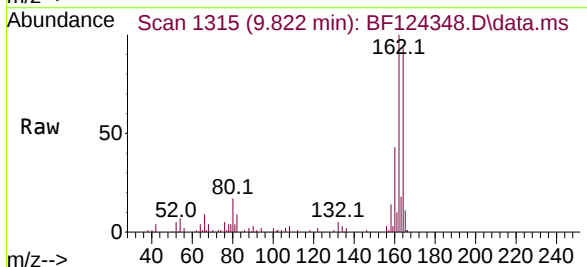
Instrument :
BNA_F
ClientSampled :
17-B6(68-72)

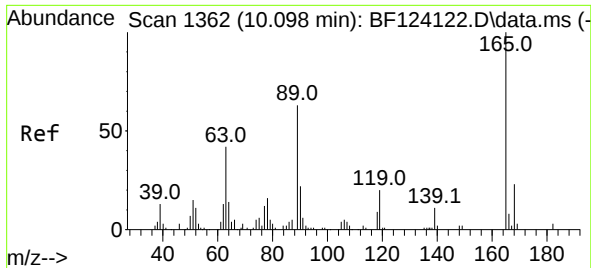
Tgt Ion:163 Resp: 13615
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 541.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.18 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

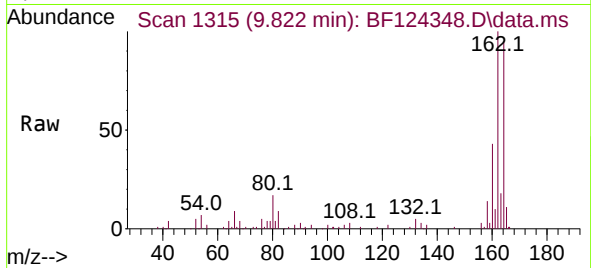
Tgt Ion:165 Resp: 10075
Ion Ratio Lower Upper
165 100
63 3.3 67.7 101.5#
89 3.7 58.8 88.2#



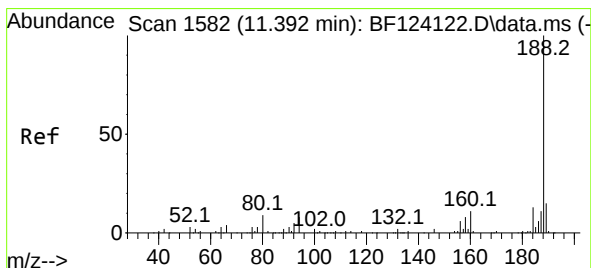
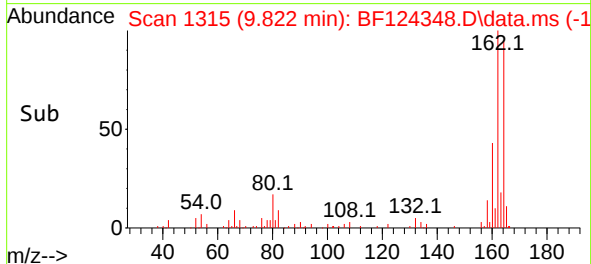
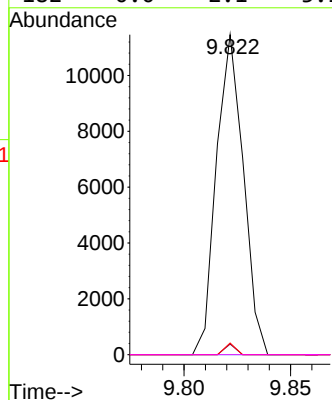


#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Instrument :
BNA_F
ClientSampleId :
17-B6(68-72)

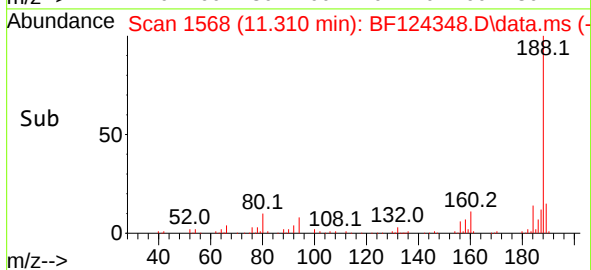
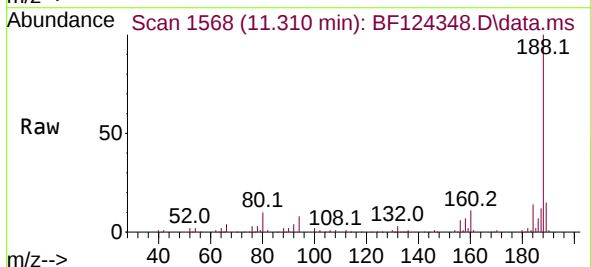
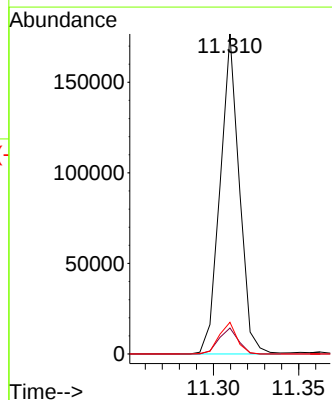


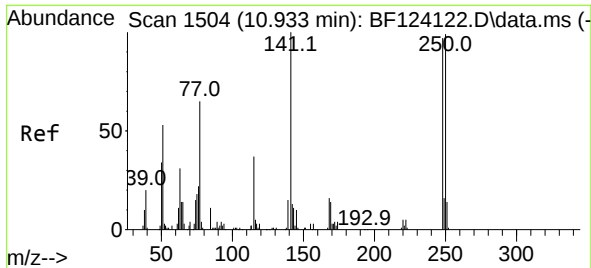
Tgt Ion:165 Resp: 10075
Ion Ratio Lower Upper
165 100
63 3.3 43.5 65.3#
89 3.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Tgt Ion:188 Resp: 138252
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.9 8.2 12.2

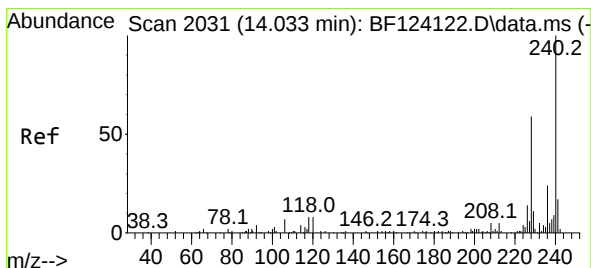
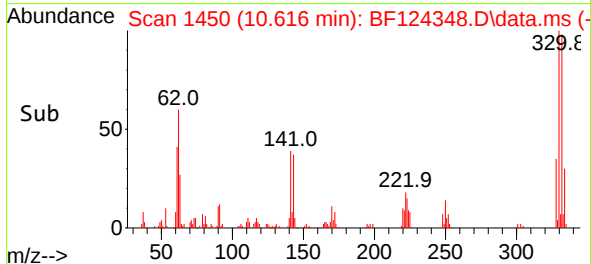
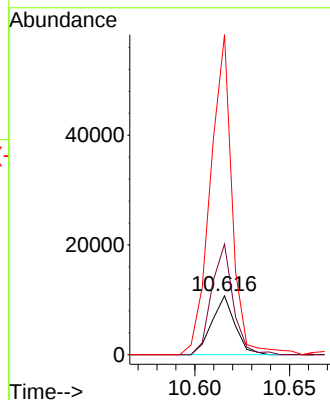
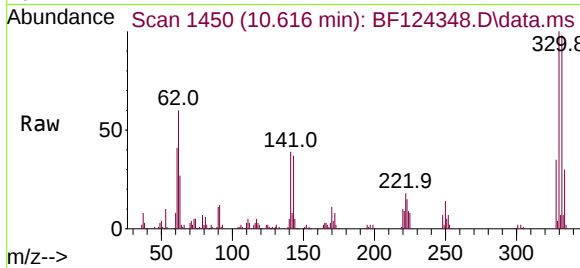




#67
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

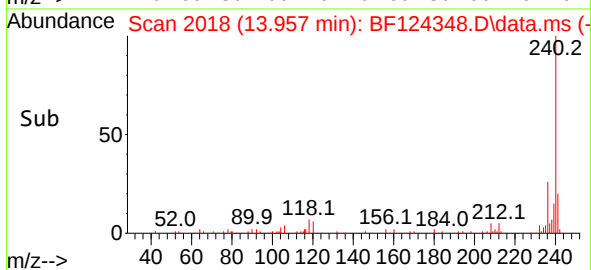
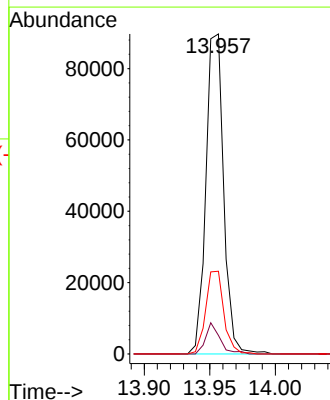
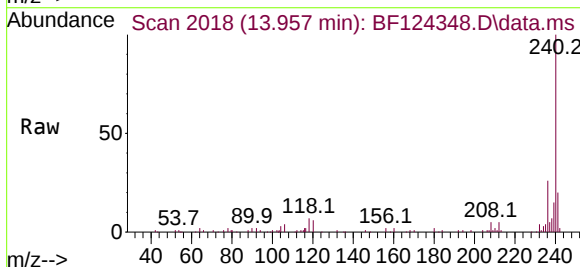
Instrument :
BNA_F
ClientSampleId :
17-B6(68-72)

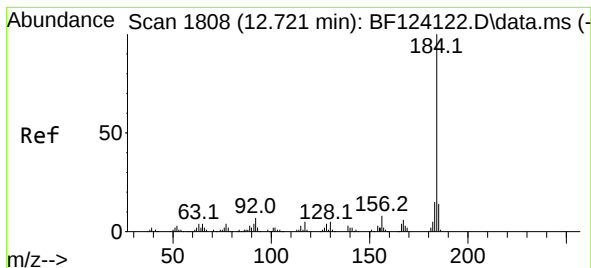
Tgt Ion:248 Resp: 9129
Ion Ratio Lower Upper
248 100
250 187.6 77.4 116.2#
141 543.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124348.D
Acq: 16 Jun 2021 18:36

Tgt Ion:240 Resp: 84736
Ion Ratio Lower Upper
240 100
120 5.8 7.2 10.8#
236 25.9 19.0 28.4





#77

Benzidine

Concen: 8.00 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.200 min

Lab File: BF124348.D

Acq: 16 Jun 2021 18:36

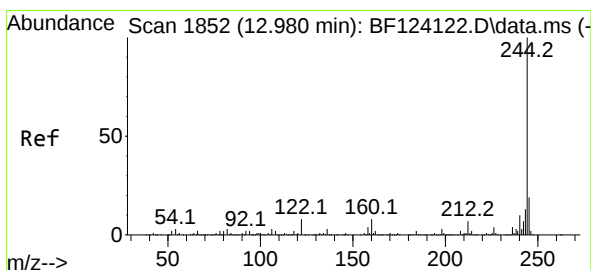
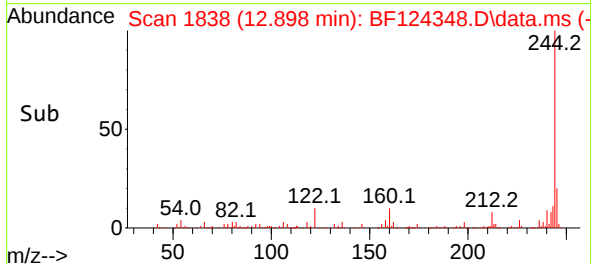
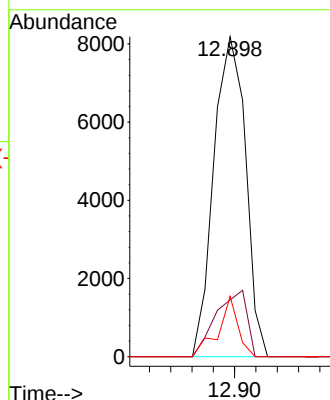
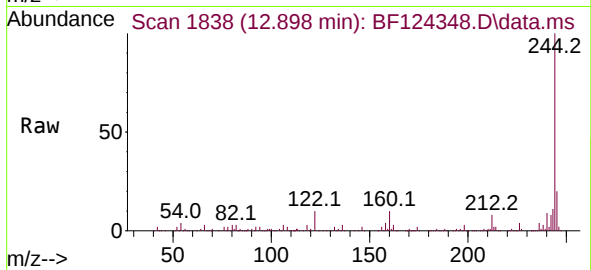
Tgt Ion:184	Resp:	8489
Ion Ratio	Lower	Upper
184	100	
185	17.7	12.1 18.1
183	18.8	7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

17-B6(68-72)



#79

Terphenyl-d14

Concen: 81.91 ng

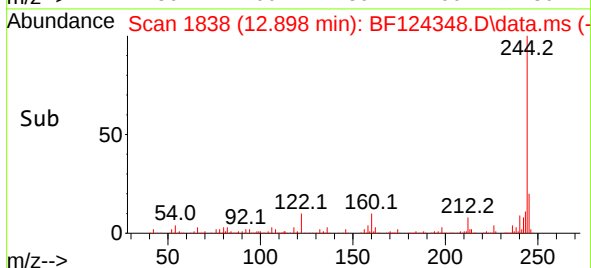
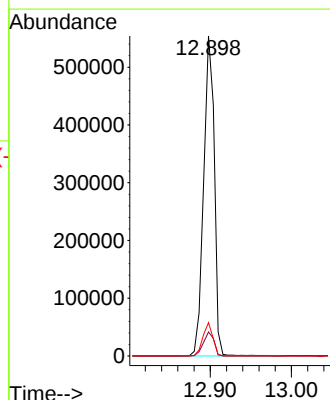
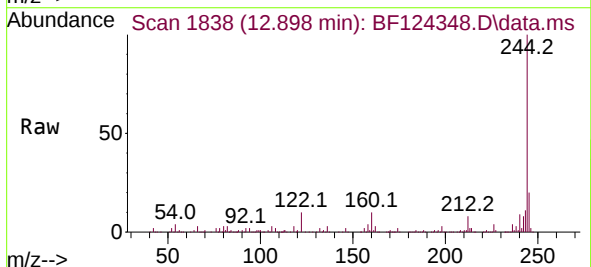
RT: 12.898 min Scan# 1838

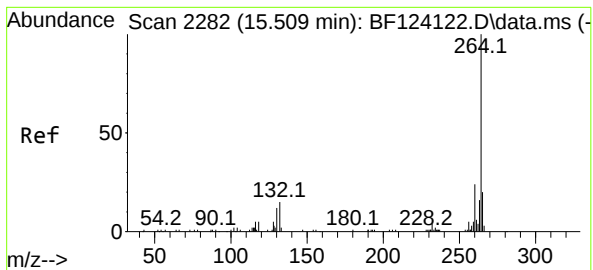
Delta R.T. -0.006 min

Lab File: BF124348.D

Acq: 16 Jun 2021 18:36

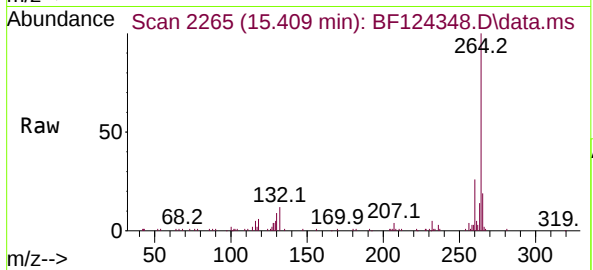
Tgt Ion:244	Resp:	505504
Ion Ratio	Lower	Upper
244	100	
212	7.5	5.7 8.5
122	10.4	9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF124348.D
 Acq: 16 Jun 2021 18:36

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(68-72)



Tgt Ion:	264	Resp:	84740
Ion Ratio	Lower	Upper	
264	100		
260	26.0	18.7	28.1
265	18.6	17.8	26.8

