

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124355.D
 Acq On : 17 Jun 2021 10:14
 Operator : JU/CG
 Sample : PB137159BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137159BL

Quant Time: Jun 17 11:34:09 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

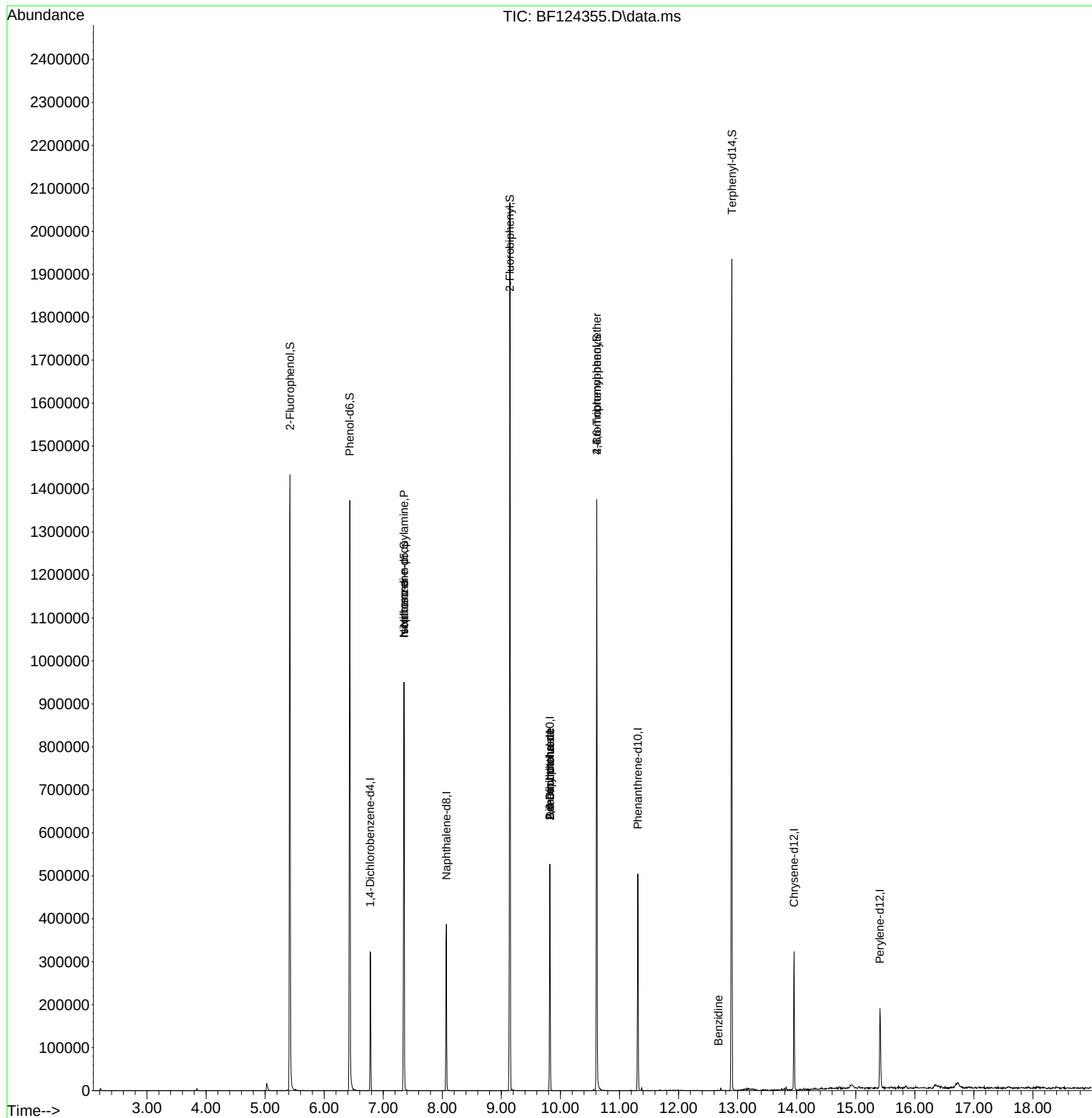
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42050	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	159175	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	89651	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	164989	20.000	ng	0.00
76) Chrysene-d12	13.957	240	102112	20.000	ng	0.00
86) Perylene-d12	15.409	264	82181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	344211	123.224	ng	0.00
7) Phenol-d6	6.434	99	415248	110.593	ng	-0.01
23) Nitrobenzene-d5	7.351	82	320654	79.897	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	139651	109.949	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	599404	84.134	ng	0.00
79) Terphenyl-d14	12.904	244	630416	84.763	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	44548	16.807	ng	# 68
25) Isophorone	7.351	82	320651	44.337	ng	# 69
50) Dimethylphthalate	9.822	163	17866	2.409	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	12242	7.198	ng	# 12
57) 2,4-Dinitrotoluene	9.822	165	12242	5.458	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	9192	4.059	ng	# 1
77) Benzidine	12.674	184	1245	4.540	ng	# 68

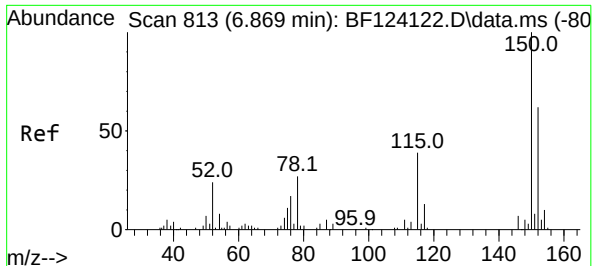
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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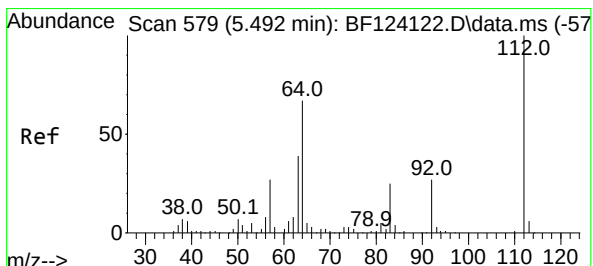
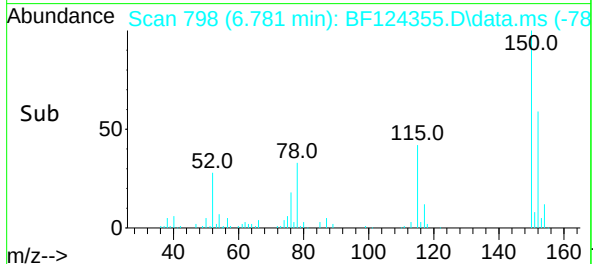
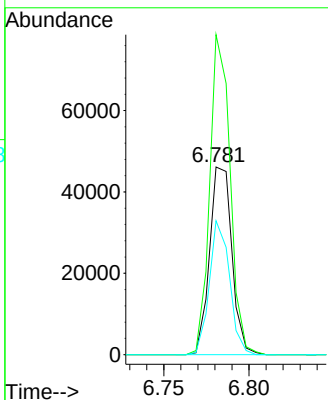
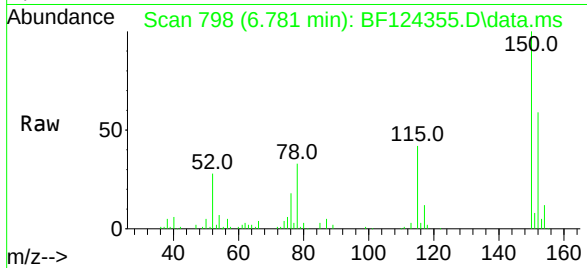




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

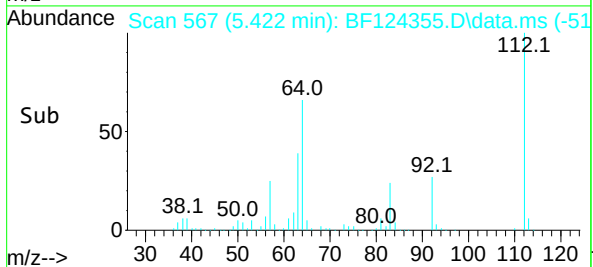
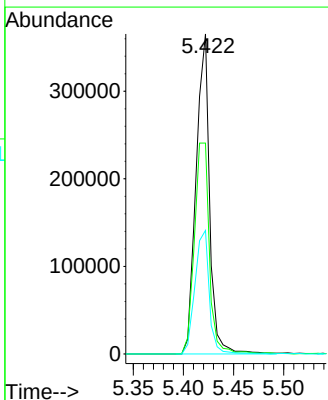
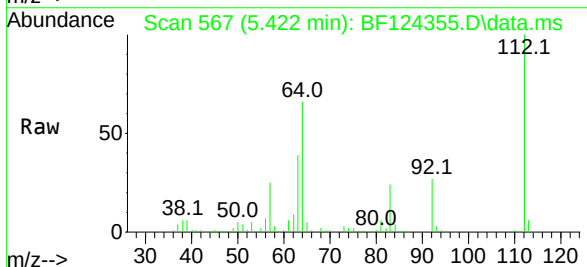
Instrument :
BNA_F
ClientSampleID :
PB137159BL

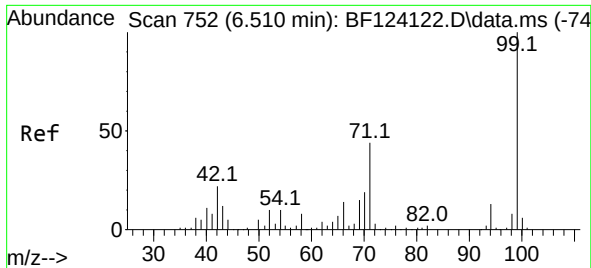
Tgt Ion:152 Resp: 42050
Ion Ratio Lower Upper
152 100
150 170.5 127.0 190.6
115 71.4 54.3 81.5



#5
2-Fluorophenol
Concen: 123.224 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

Tgt Ion:112 Resp: 344211
Ion Ratio Lower Upper
112 100
64 65.9 61.4 92.0
63 38.6 33.0 49.4

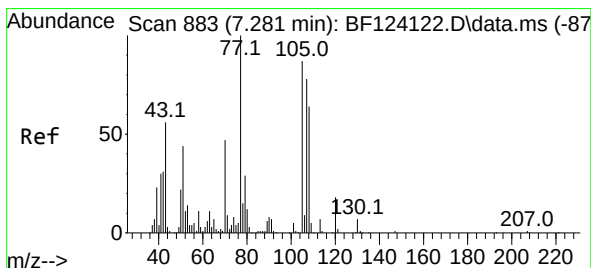
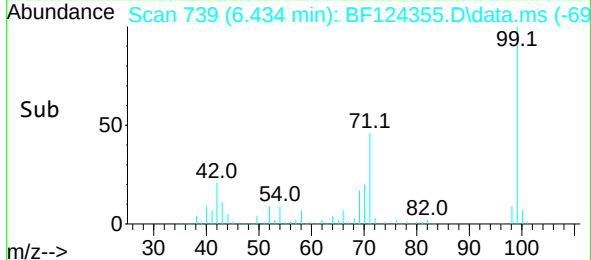
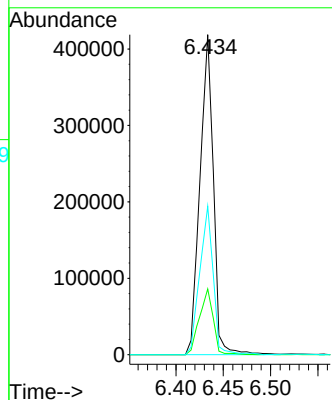
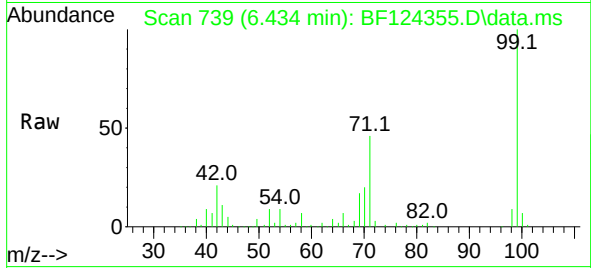




#7
Phenol-d6
Concen: 110.593 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

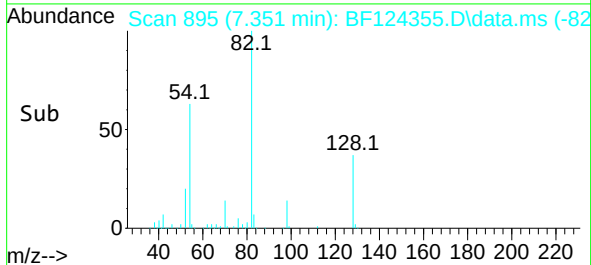
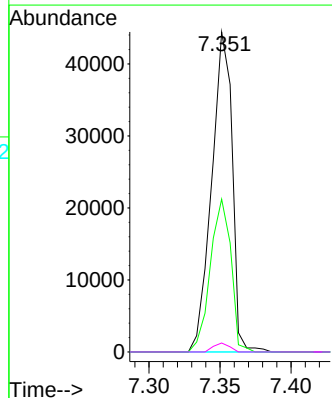
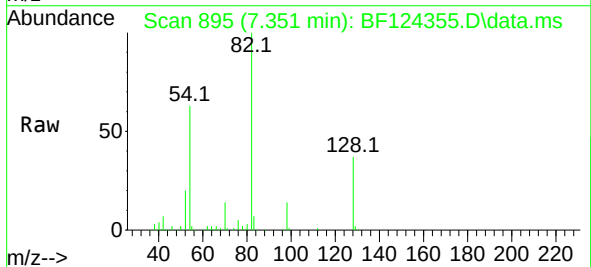
Instrument :
BNA_F
ClientSampleID :
PB137159BL

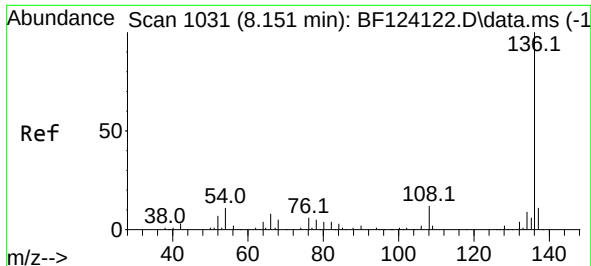
Tgt Ion:	99	Resp:	415248
Ion	Ratio	Lower	Upper
99	100		
42	20.5	19.8	29.8
71	46.4	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.807 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

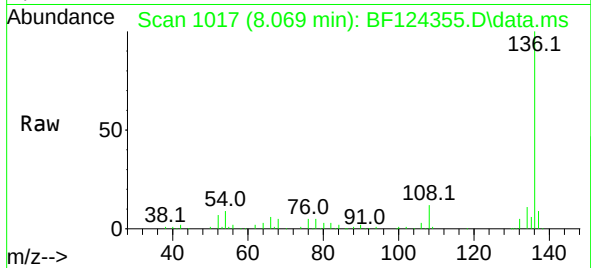
Tgt Ion:	70	Resp:	44548
Ion	Ratio	Lower	Upper
70	100		
42	47.7	60.1	90.1#
101	0.0	7.4	11.2#
130	2.8	14.2	21.2#



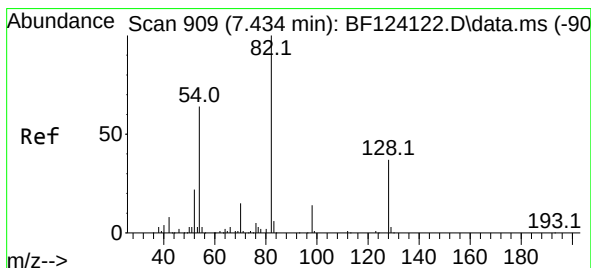
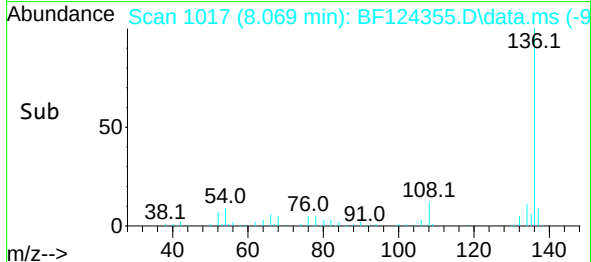
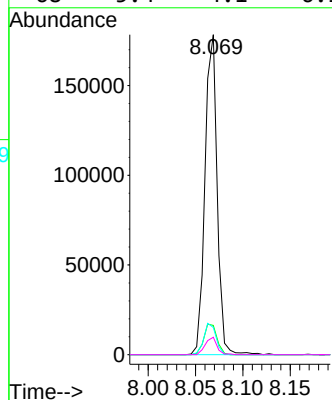


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

Instrument :
BNA_F
ClientSampleId :
PB137159BL

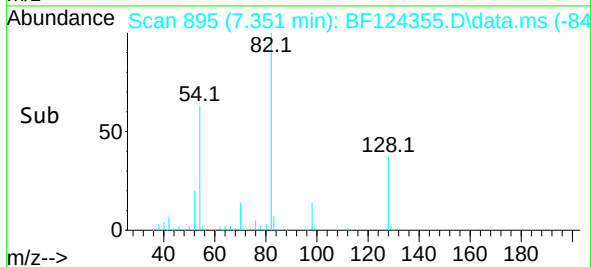
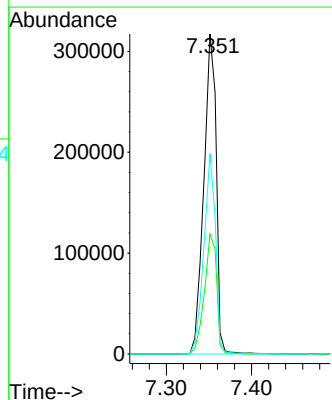
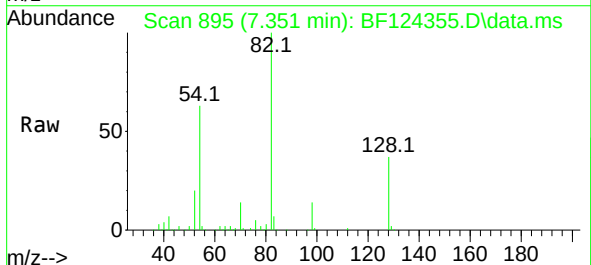


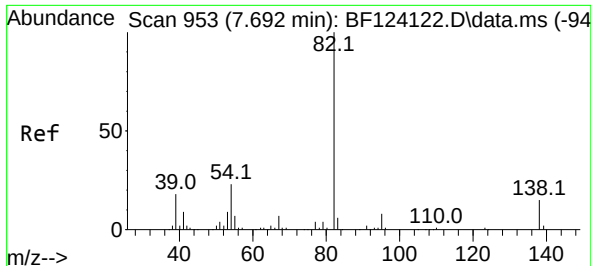
Tgt Ion:136	Resp:	159175
Ion Ratio	Lower	Upper
136	100	
137	9.1	8.7 13.1
54	8.5	9.8 14.6#
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 79.897 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

Tgt Ion: 82	Resp:	320654
Ion Ratio	Lower	Upper
82	100	
128	37.5	29.4 44.2
54	62.6	54.1 81.1

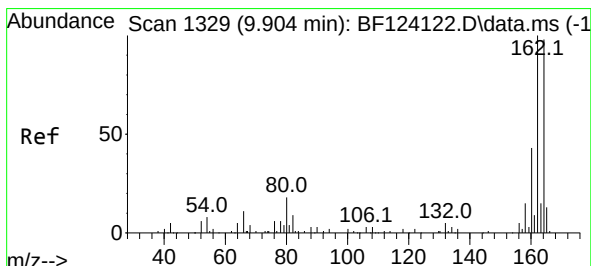
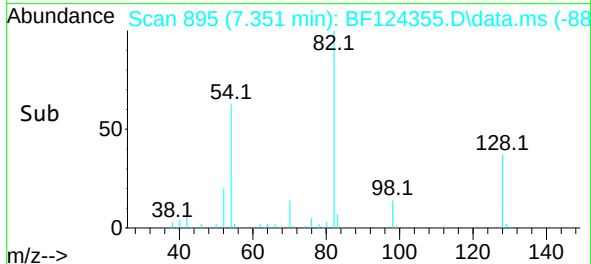
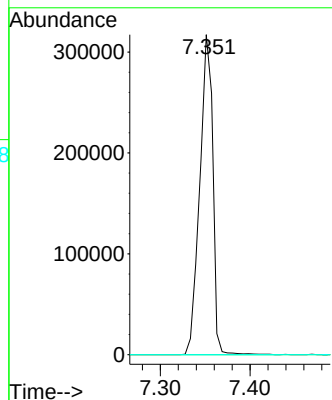
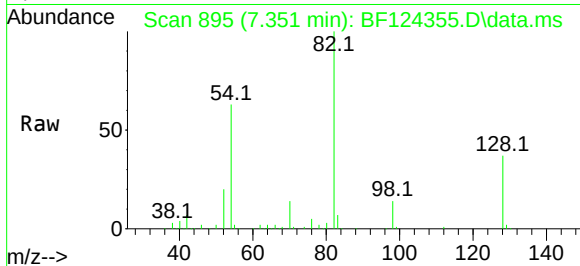




#25
Isophorone
Concen: 44.337 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

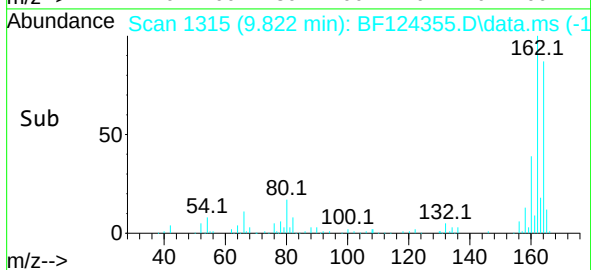
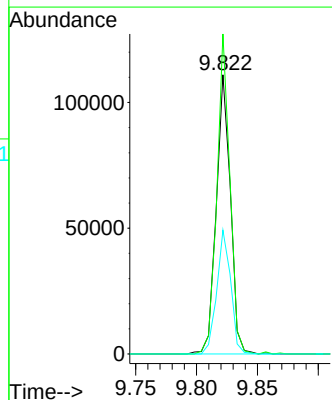
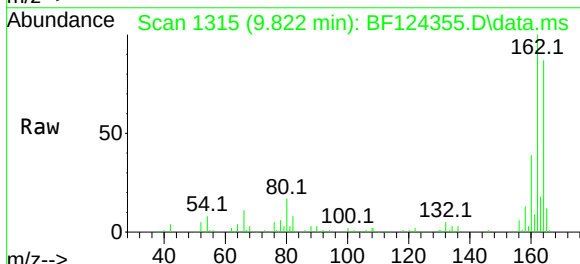
Instrument :
BNA_F
ClientSampleId :
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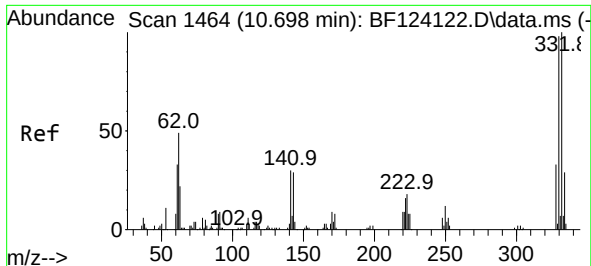
Tgt Ion: 82 Resp: 320651
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

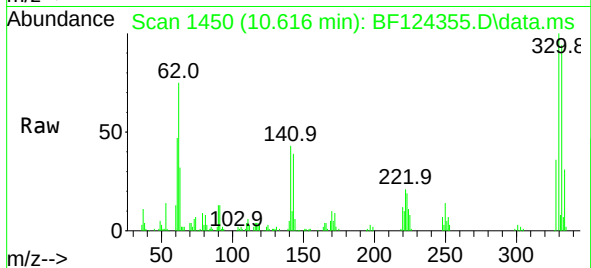
Tgt Ion:164 Resp: 89651
Ion Ratio Lower Upper
164 100
162 114.6 80.7 121.1
160 44.3 37.3 55.9



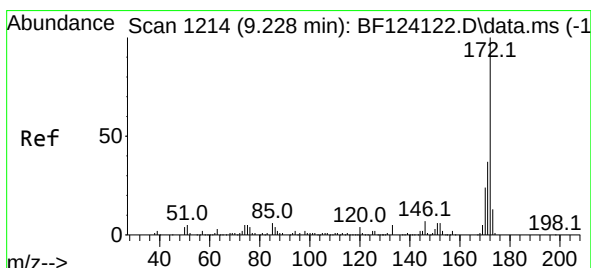
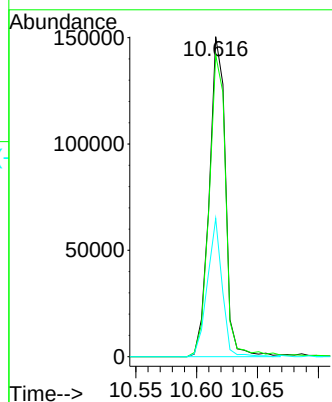
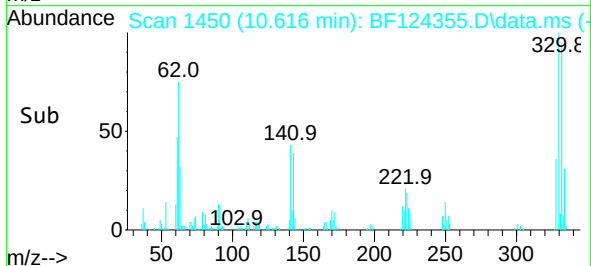


#42
2,4,6-Tribromophenol
Concen: 109.949 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

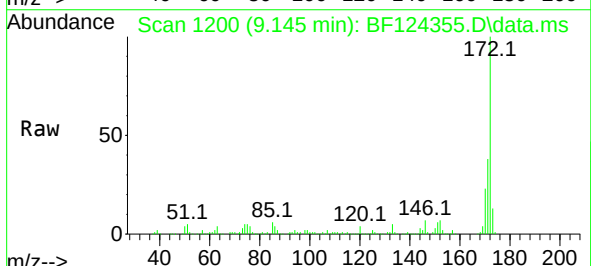
Instrument :
BNA_F
ClientSampleId :
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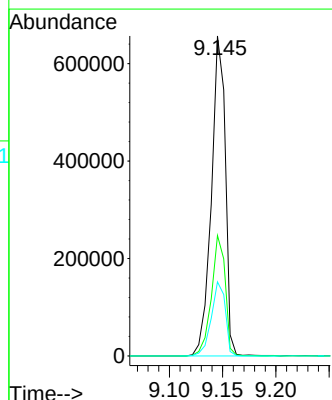
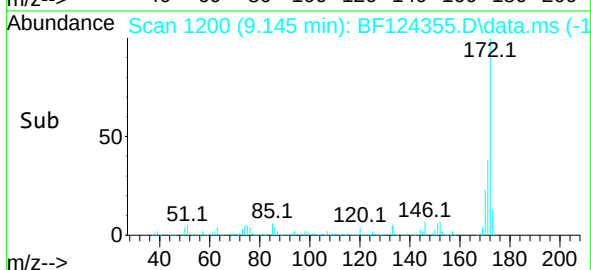
Tgt Ion: 330 Resp: 139651
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 39.2 27.9 41.9

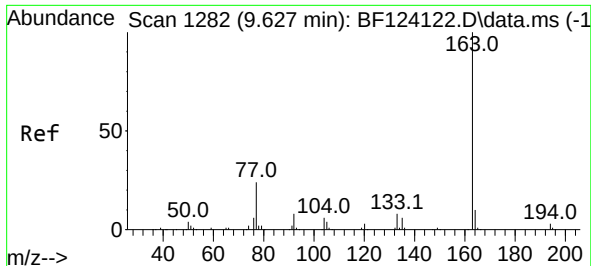


#45
2-Fluorobiphenyl
Concen: 84.134 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14



Tgt Ion: 172 Resp: 599404
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 23.1 19.2 28.8

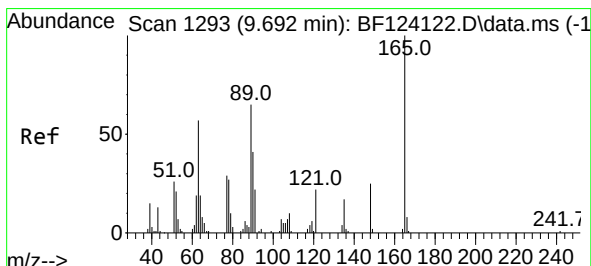
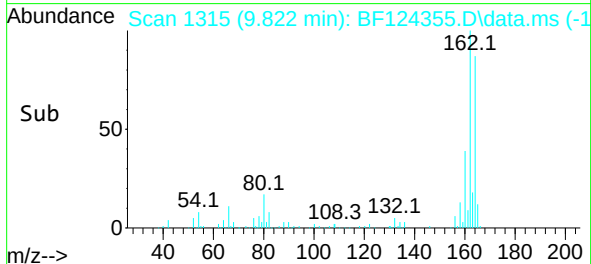
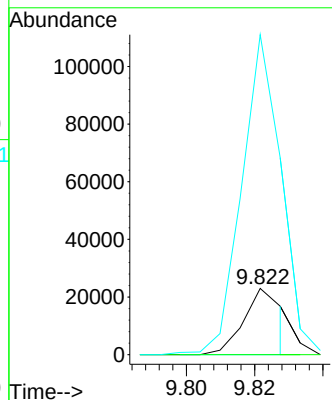
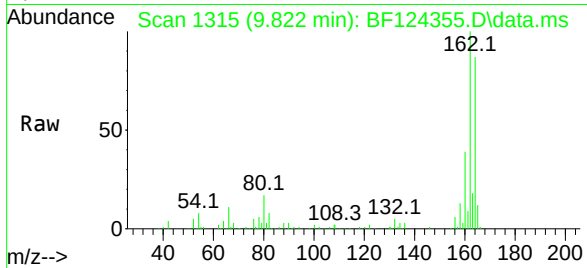




#50
Dimethylphthalate
Concen: 2.409 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

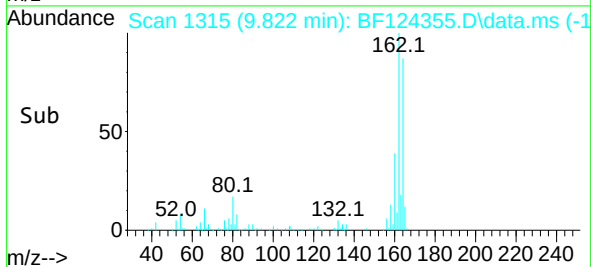
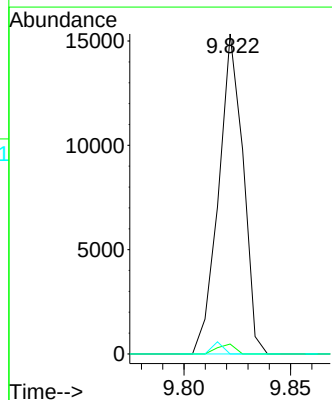
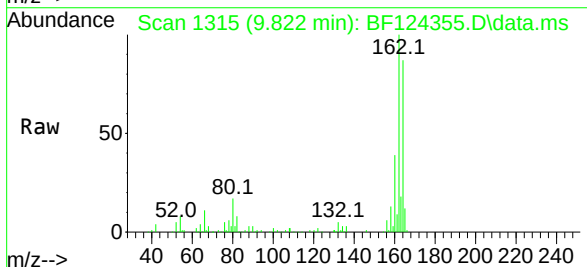
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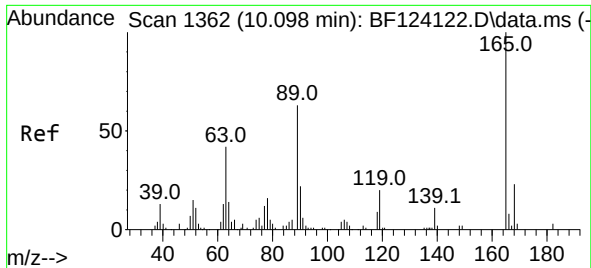
Tgt Ion:163 Resp: 17866
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 483.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.198 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

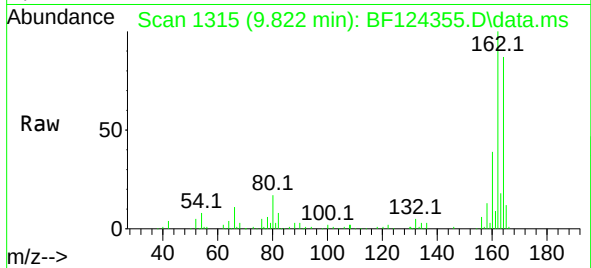
Tgt Ion:165 Resp: 12242
Ion Ratio Lower Upper
165 100
63 3.1 67.7 101.5#
89 0.0 58.8 88.2#



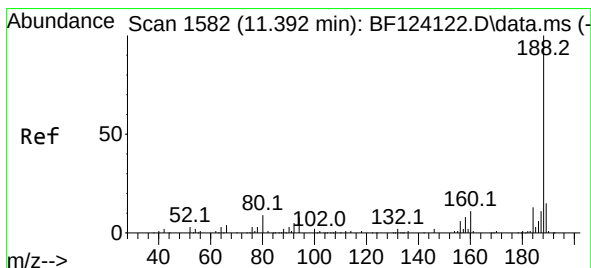
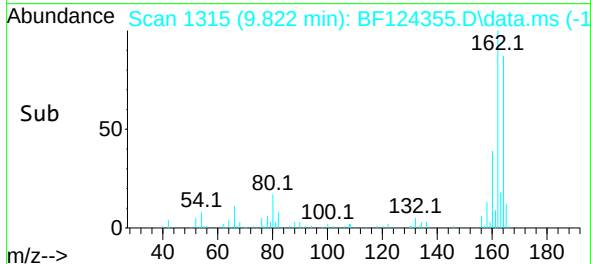
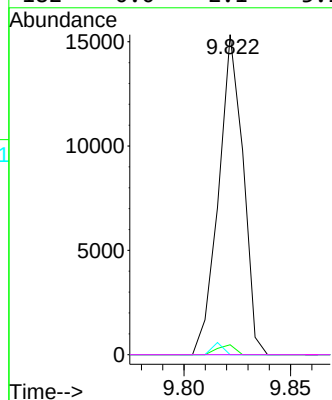


#57
2,4-Dinitrotoluene
Concen: 5.458 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

Instrument :
BNA_F
ClientSampleId :
PB137159BL

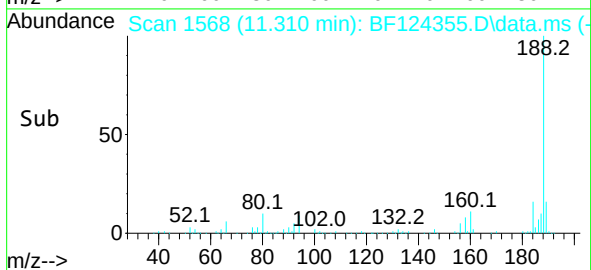
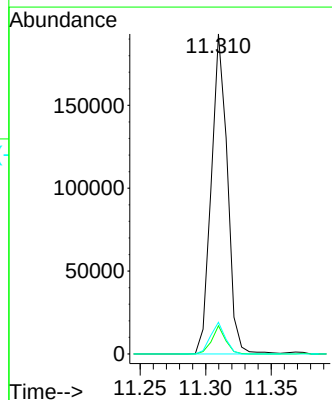
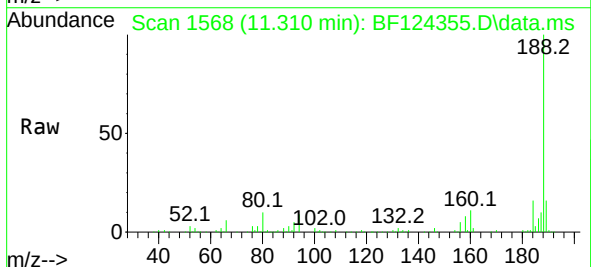


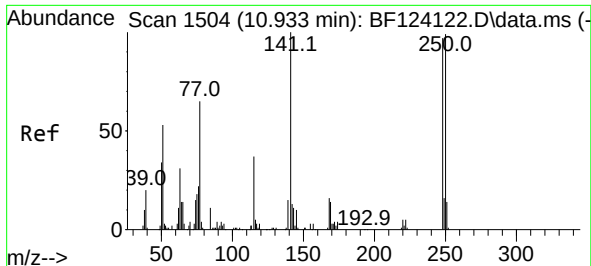
Tgt Ion:165 Resp: 12242
Ion Ratio Lower Upper
165 100
63 3.1 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

Tgt Ion:188 Resp: 164989
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 9.9 8.2 12.2

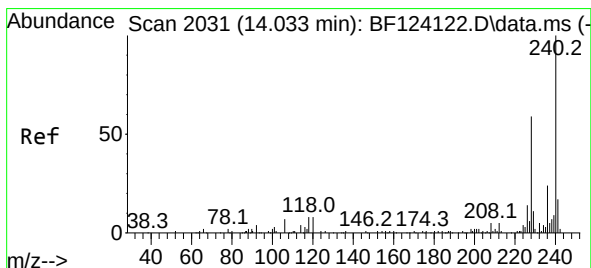
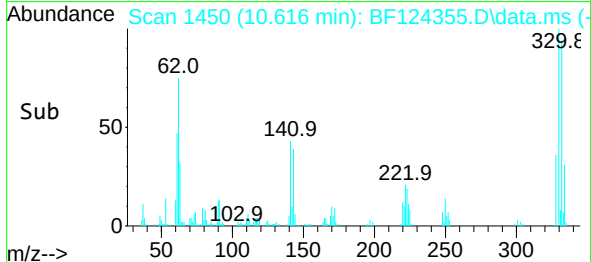
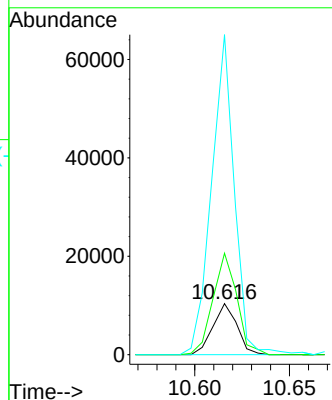
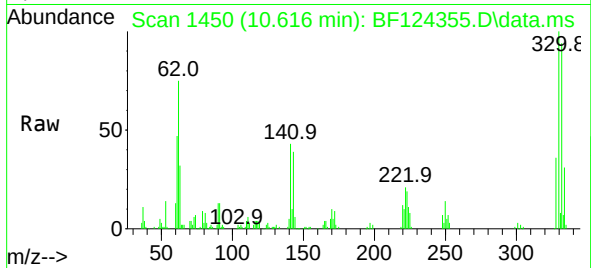




#67
4-Bromophenyl-phenylether
Concen: 4.059 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

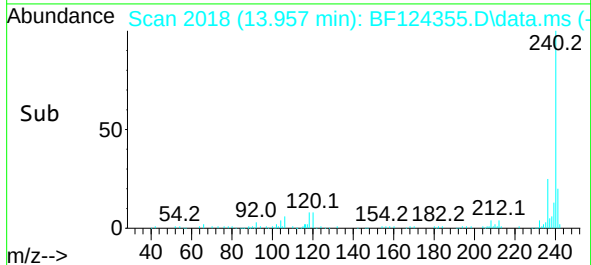
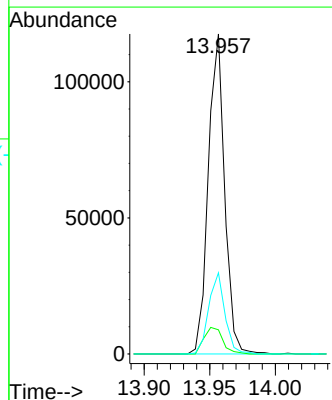
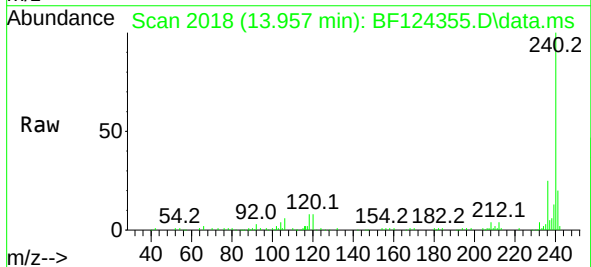
Instrument :
BNA_F
ClientSampleId :
PB137159BL

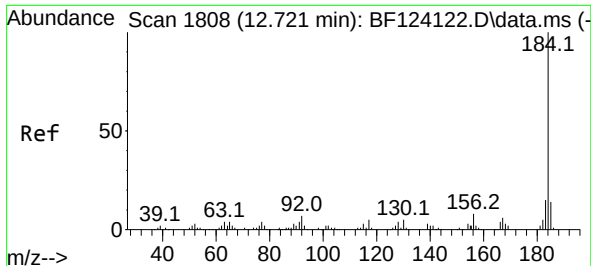
Tgt Ion:248 Resp: 9192
Ion Ratio Lower Upper
248 100
250 198.8 77.4 116.2#
141 626.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

Tgt Ion:240 Resp: 102112
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 25.3 19.0 28.4

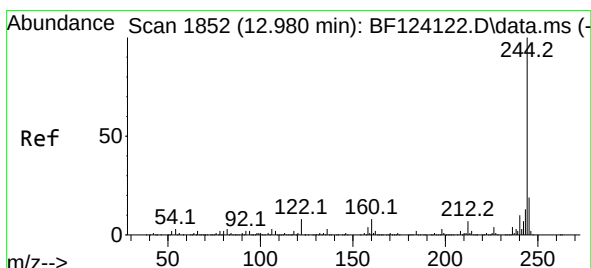
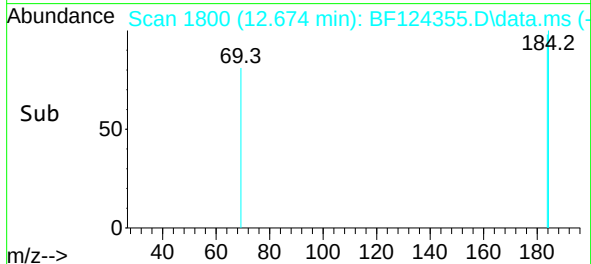
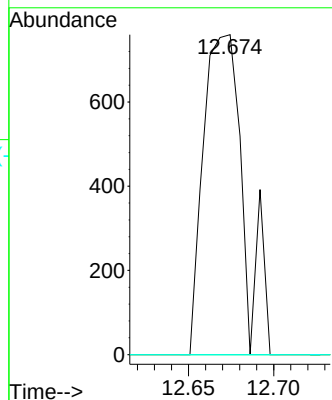
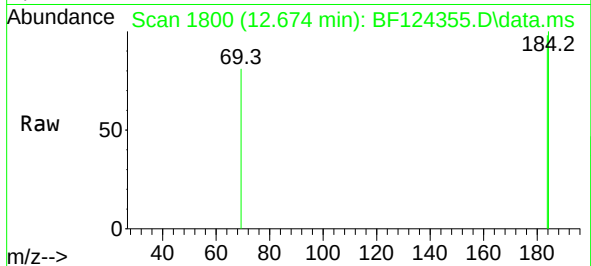




#77
Benzidine
Concen: 4.540 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.023 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

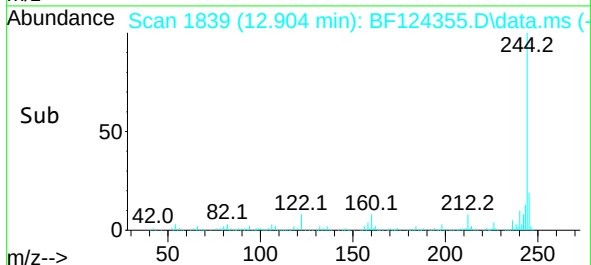
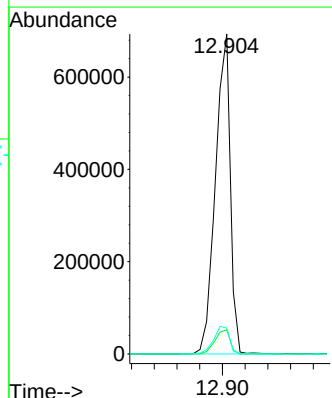
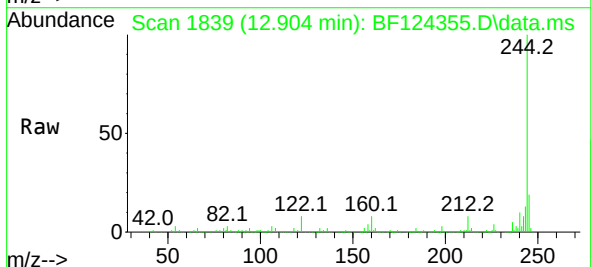
Instrument :
BNA_F
ClientSampleId :
PB137159BL

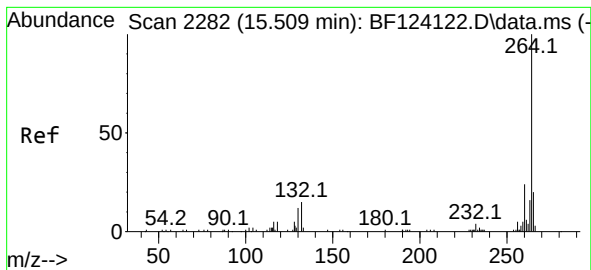
Tgt Ion:184 Resp: 1245
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 84.763 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

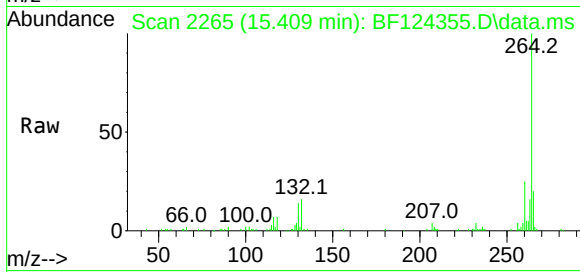
Tgt Ion:244 Resp: 630416
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.1 9.7 14.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF124355.D
Acq: 17 Jun 2021 10:14

Instrument :
BNA_F
ClientSampleId :
PB137159BL



Tgt Ion:264 Resp: 82181

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	20.3	17.8	26.8

