

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124322.D
 Acq On : 15 Jun 2021 14:44
 Operator : JU/CG
 Sample : M2673-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(88-92)

Quant Time: Jun 15 15:12:33 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 15:00:28 2021
 Response via : Initial Calibration

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

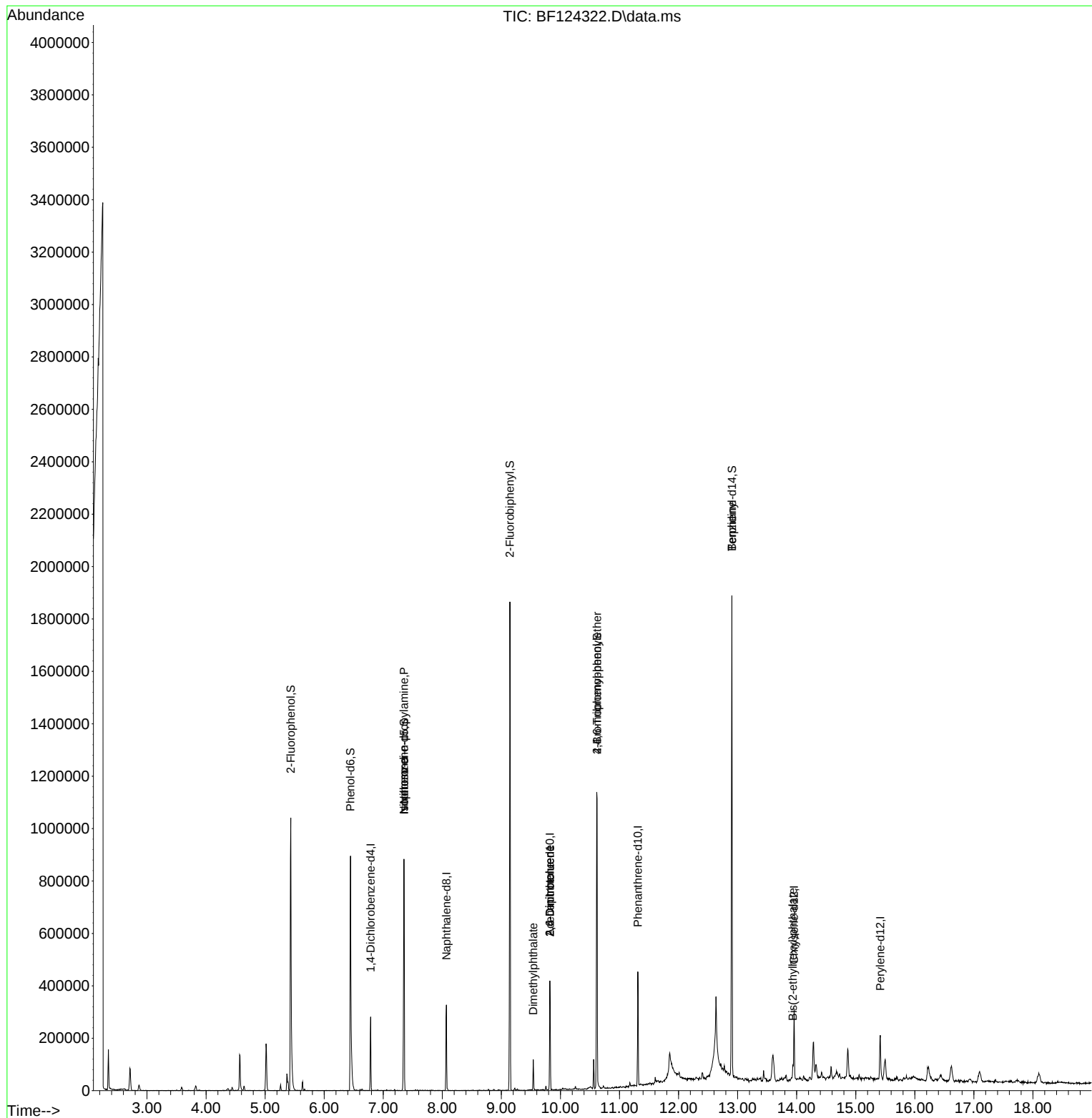
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	32570	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	127666	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	72576	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	136938	20.000	ng	0.00
76) Chrysene-d12	13.957	240	75840	20.000	ng	0.00
86) Perylene-d12	15.415	264	67875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	266538	123.190	ng	0.02
7) Phenol-d6	6.445	99	285667	98.226	ng	0.00
23) Nitrobenzene-d5	7.351	82	270395	84.002	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	132064	128.439	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	519897	90.143	ng	0.00
79) Terphenyl-d14	12.904	244	529685	95.891	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	39197	19.093	ng	# 66
25) Isophorone	7.351	82	270390	46.615	ng	# 69
50) Dimethylphthalate	9.539	163	34401	5.729	ng	# 97
51) 2,6-Dinitrotoluene	9.822	165	10169	7.386	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	10169	5.600	ng	# 17
67) 4-Bromophenyl-phenylether	10.622	248	8973	4.774	ng	# 1
77) Benzidine	12.904	184	10347	9.419	ng	# 80
84) Bis(2-ethylhexyl)phtha...	13.933	149	13948	3.969	ng	# 93

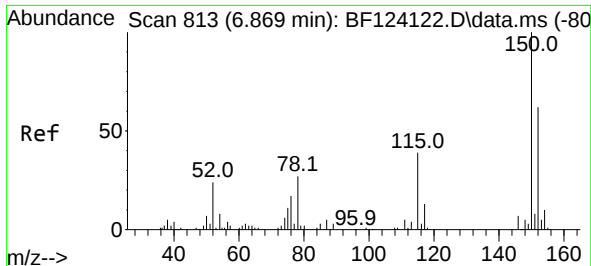
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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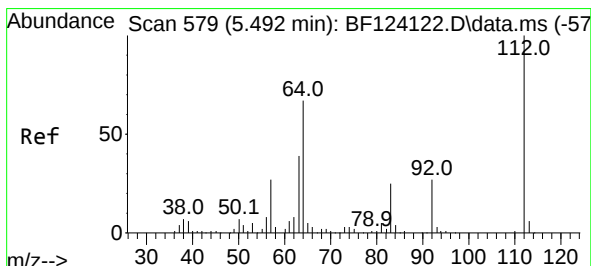
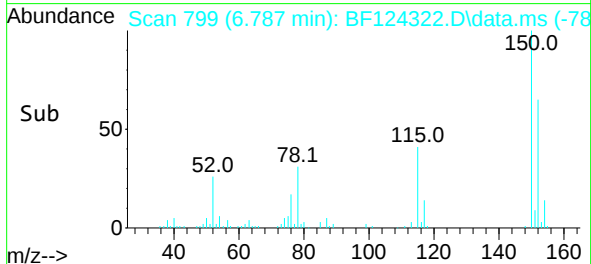
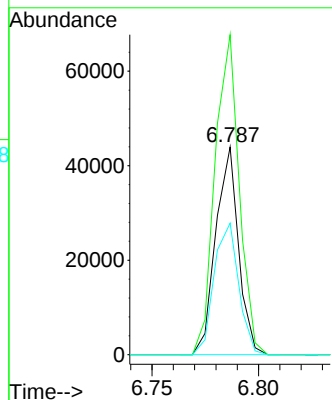
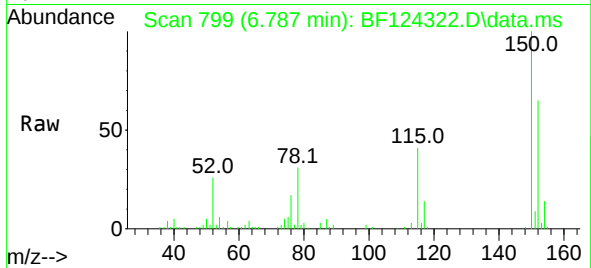




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

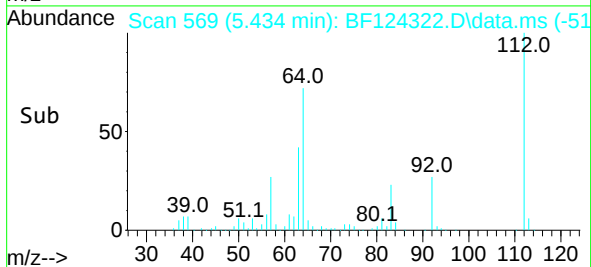
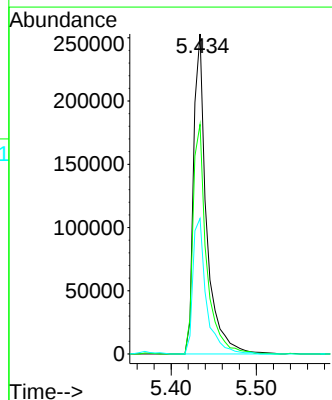
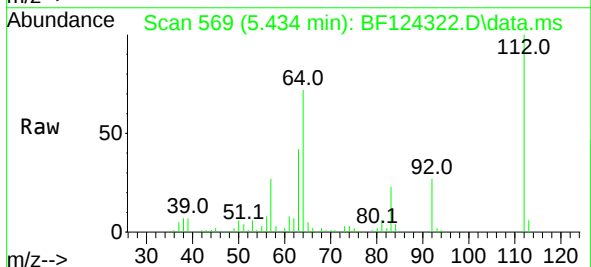
Instrument :
BNA_F
ClientSampleId :
17-B6(88-92)

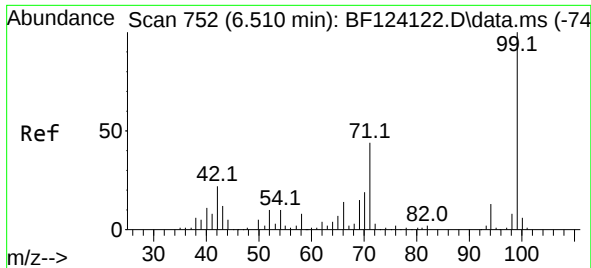
Tgt Ion:152 Resp: 32570
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 63.3 54.3 81.5



#5
2-Fluorophenol
Concen: 123.190 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

Tgt Ion:112 Resp: 266538
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 42.4 33.0 49.4

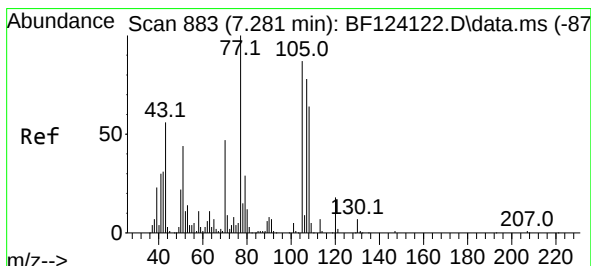
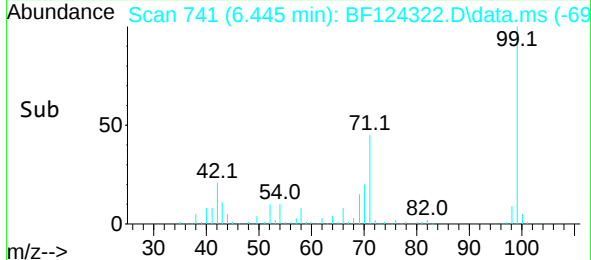
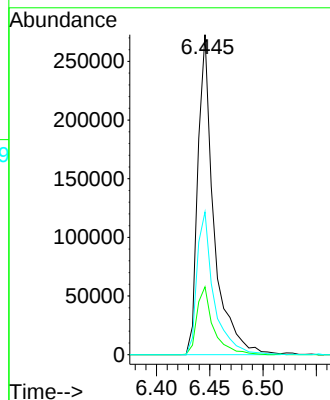
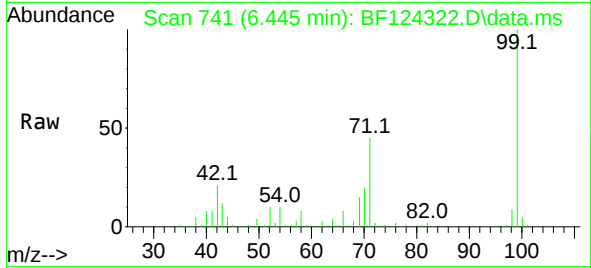




#7
Phenol-d6
Concen: 98.226 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

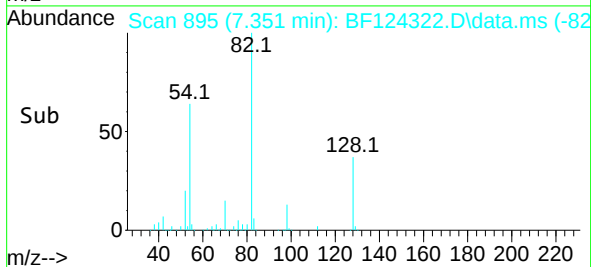
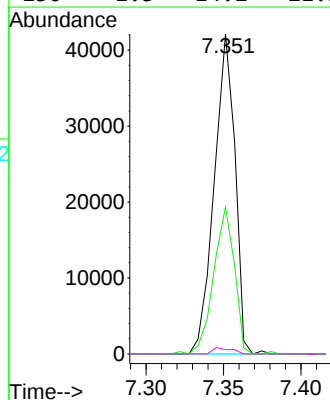
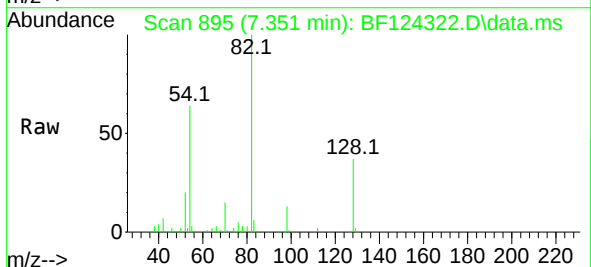
Instrument :
BNA_F
ClientSampleId :
17-B6(88-92)

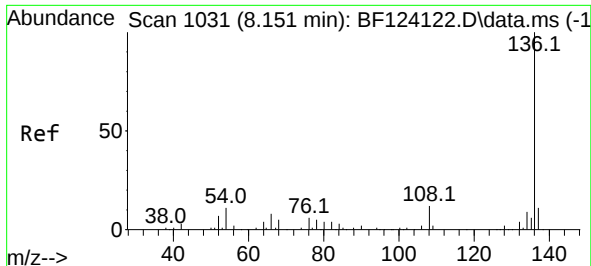
Tgt Ion: 99 Resp: 285667
Ion Ratio Lower Upper
99 100
42 21.2 19.8 29.8
71 44.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.093 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

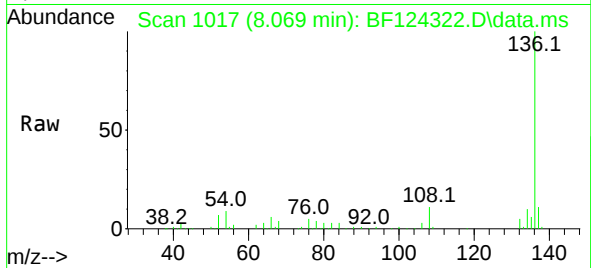
Tgt Ion: 70 Resp: 39197
Ion Ratio Lower Upper
70 100
42 46.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



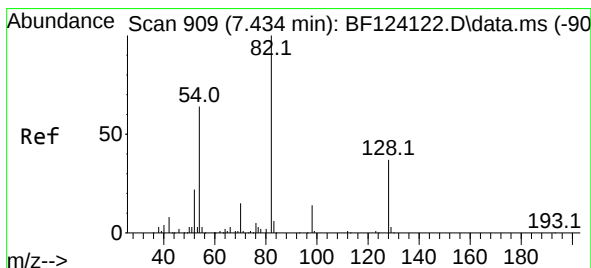
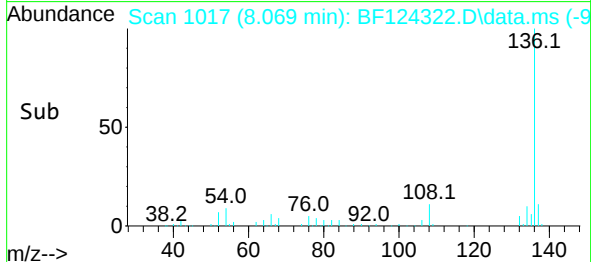
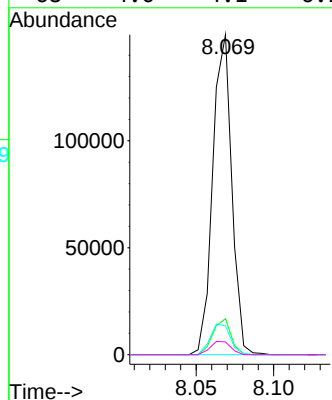


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

Instrument :
BNA_F
ClientSampleId :
17-B6(88-92)

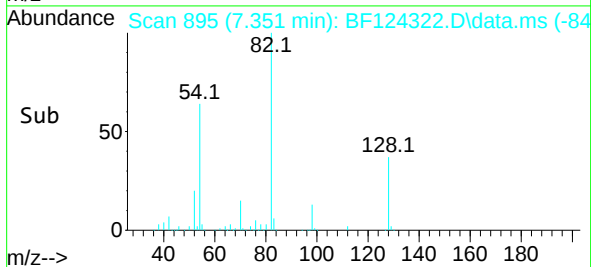
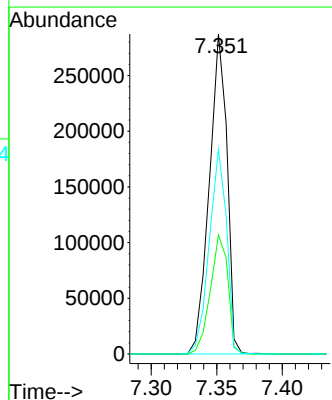
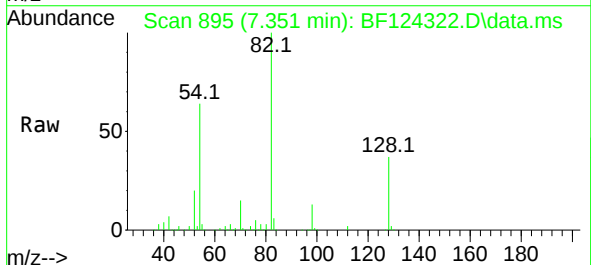


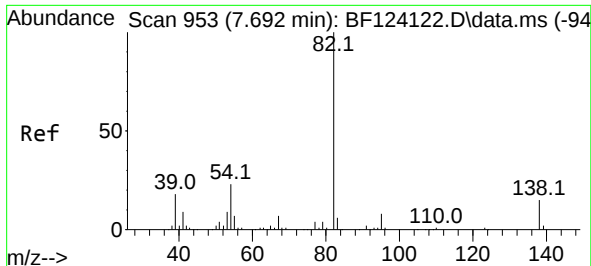
Tgt Ion:136 Resp: 127666
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.0 9.8 14.6#
68 4.0 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 84.002 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

Tgt Ion: 82 Resp: 270395
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 64.0 54.1 81.1

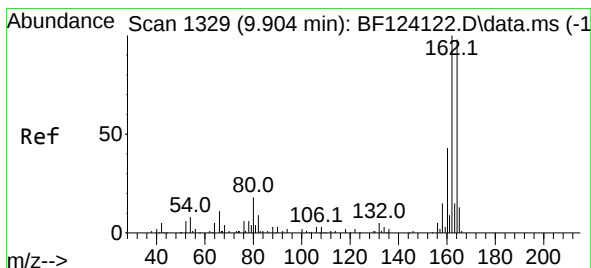
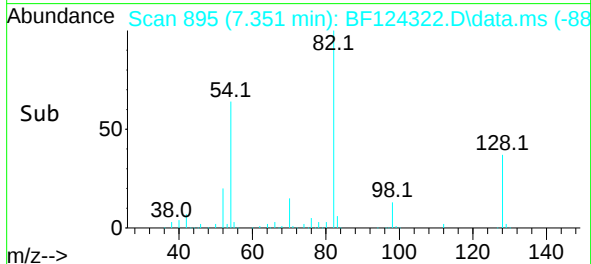
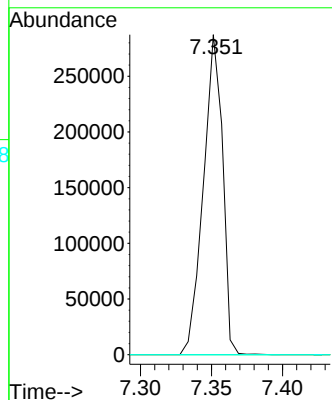
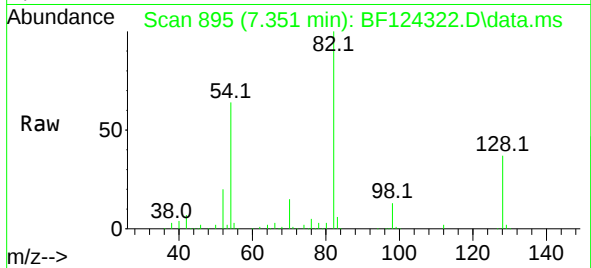




#25
Isophorone
Concen: 46.615 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

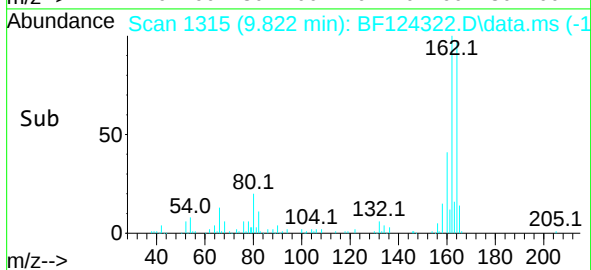
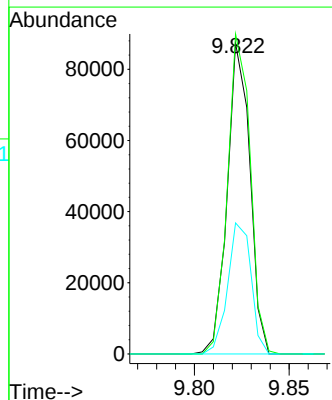
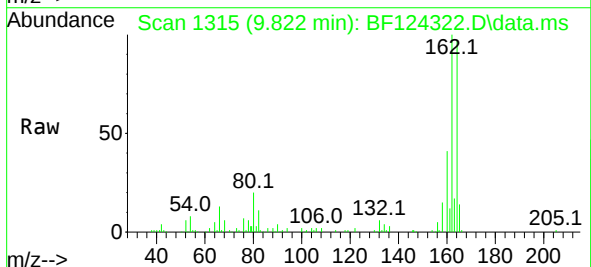
Instrument :
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ClientSampleId :
17-B6(88-92)

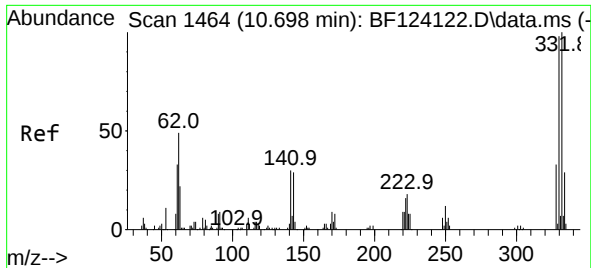
Tgt Ion: 82 Resp: 270390
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

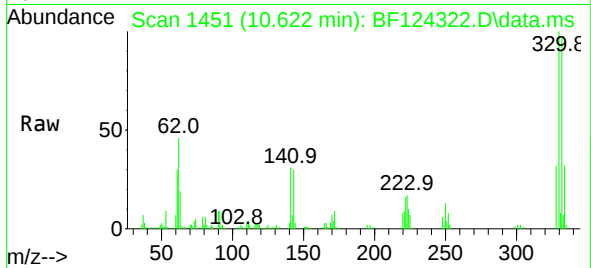
Tgt Ion:164 Resp: 72576
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 42.1 37.3 55.9



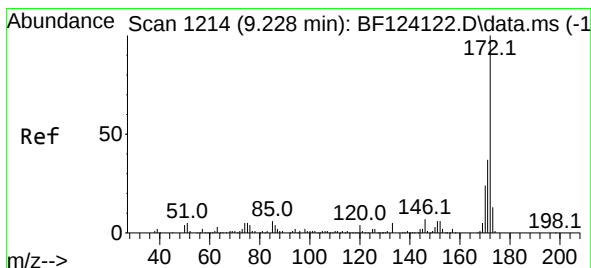
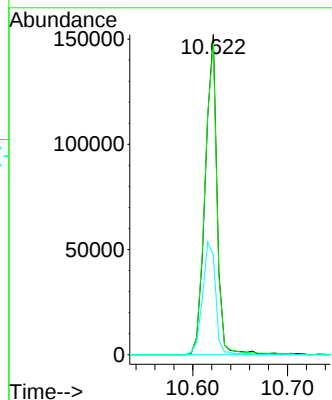
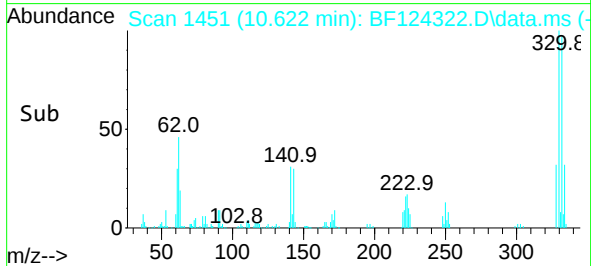


#42
2,4,6-Tribromophenol
Concen: 128.439 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

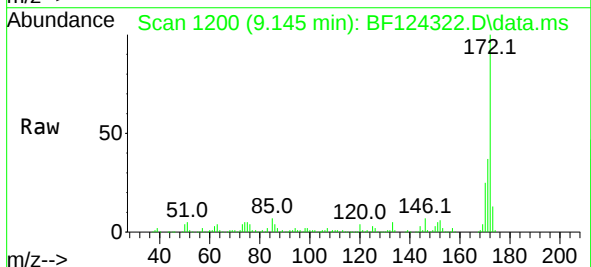
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ClientSampleId :
17-B6(88-92)



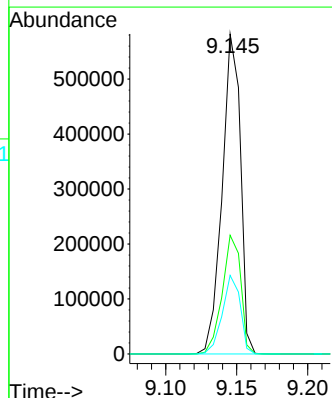
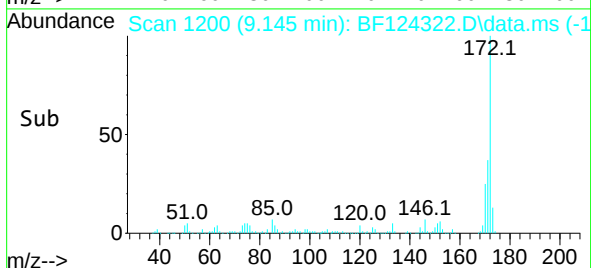
Tgt Ion: 330 Resp: 132064
Ion Ratio Lower Upper
330 100
332 99.9 77.1 115.7
141 39.0 27.9 41.9

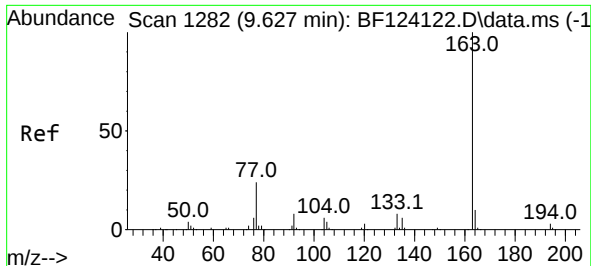


#45
2-Fluorobiphenyl
Concen: 90.143 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44



Tgt Ion: 172 Resp: 519897
Ion Ratio Lower Upper
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171 37.1 28.1 42.1
170 24.5 19.2 28.8

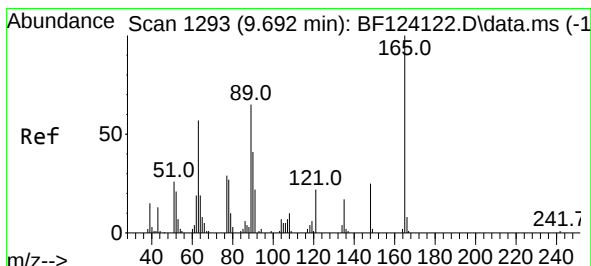
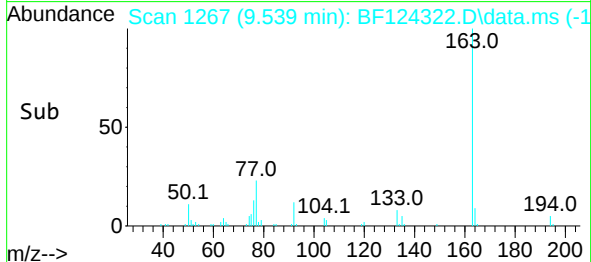
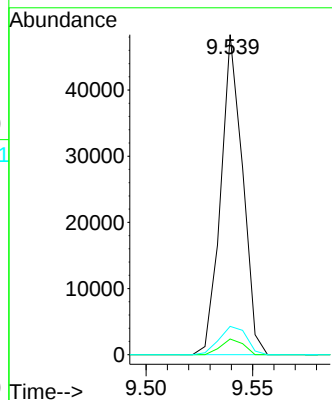
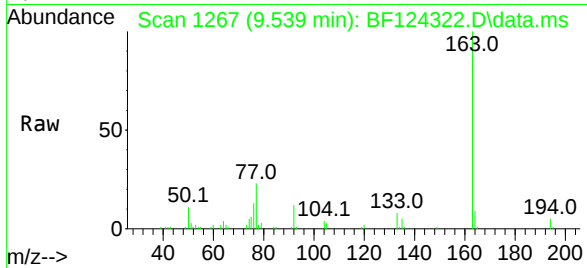




#50
Dimethylphthalate
Concen: 5.729 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

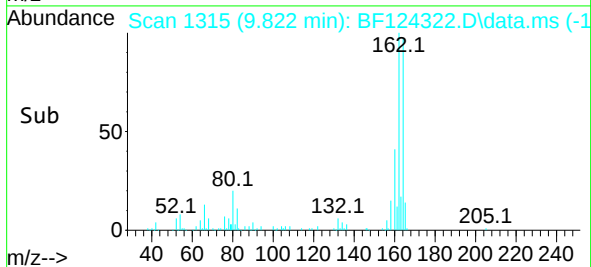
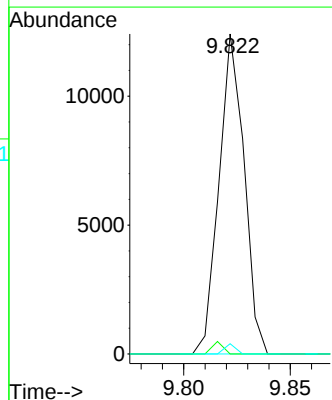
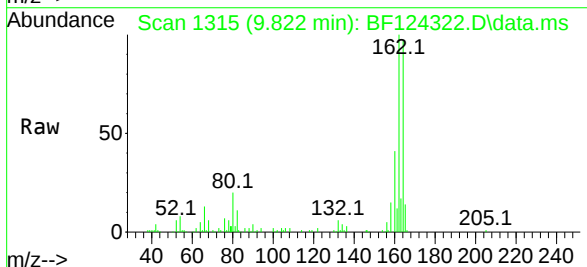
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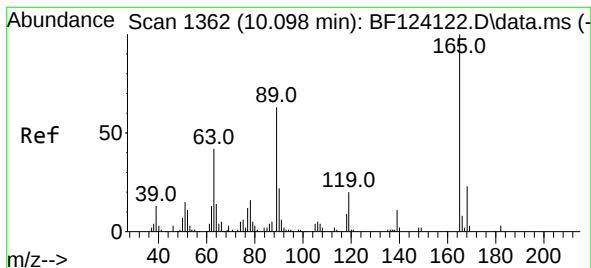
Tgt Ion:163 Resp: 34401
Ion Ratio Lower Upper
163 100
194 4.9 3.1 4.7#
164 8.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.386 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

Tgt Ion:165 Resp: 10169
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.2 58.8 88.2#

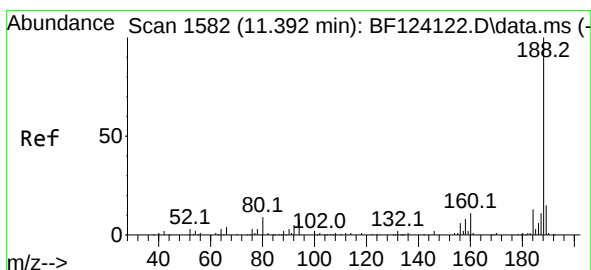
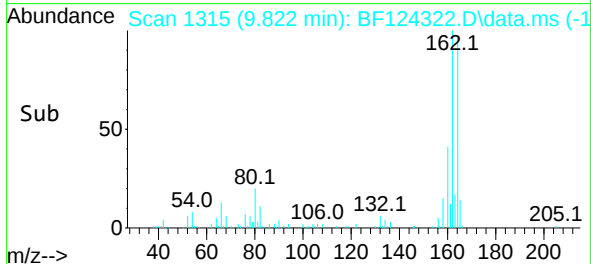
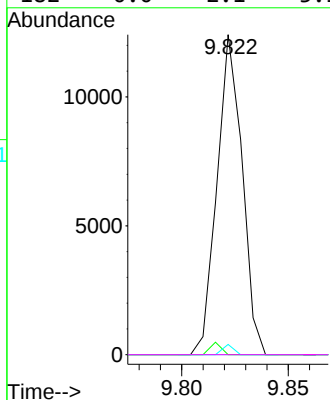
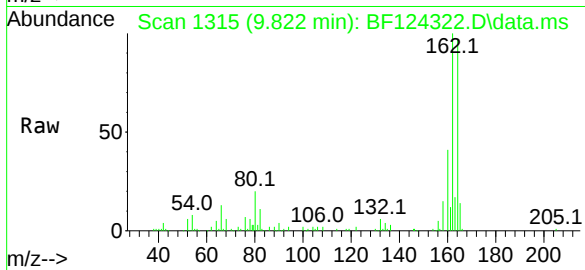




#57
2,4-Dinitrotoluene
Concen: 5.600 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

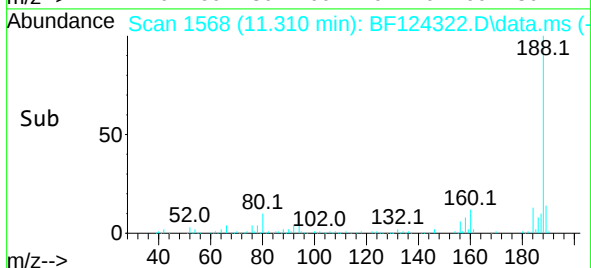
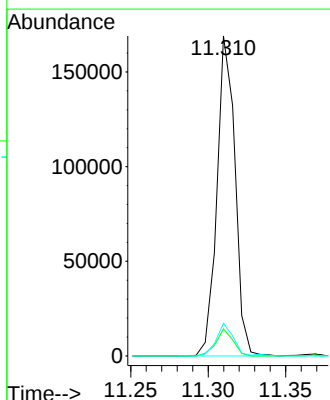
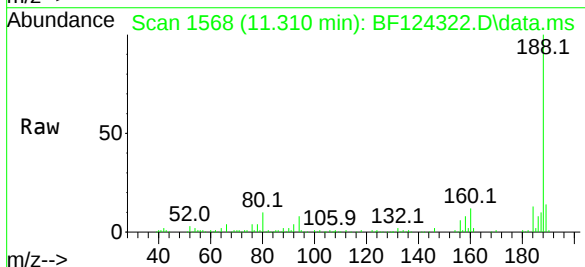
Instrument :
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17-B6(88-92)

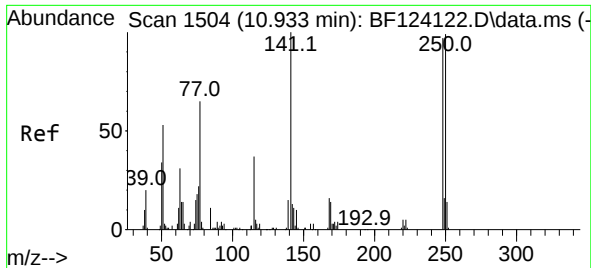
Tgt Ion:165 Resp: 10169
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

Tgt Ion:188 Resp: 136938
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.2 8.2 12.2

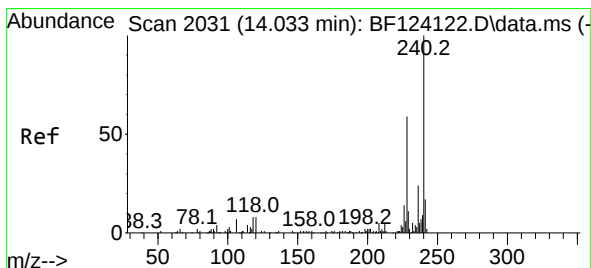
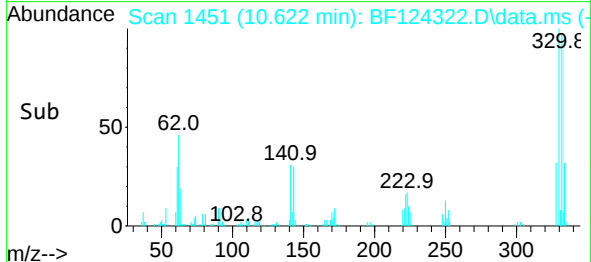
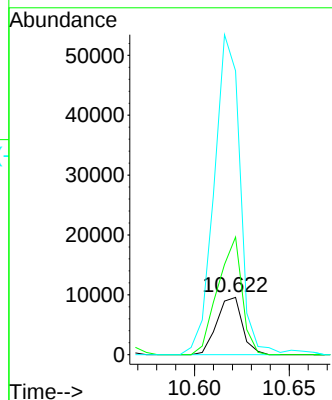
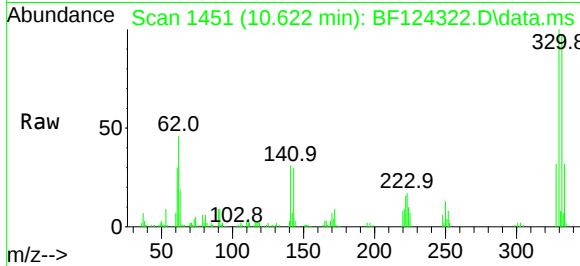




#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.241 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

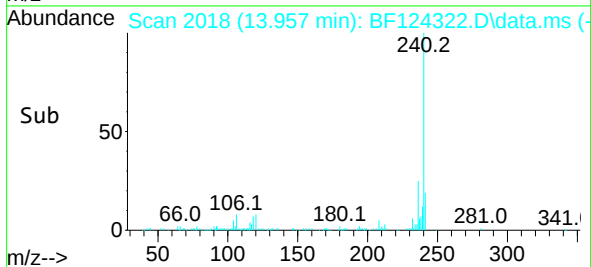
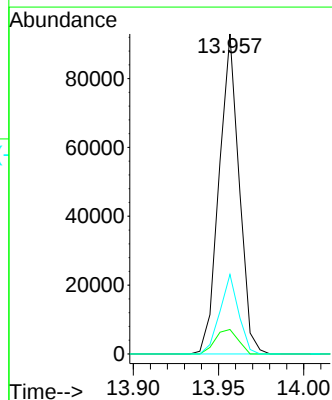
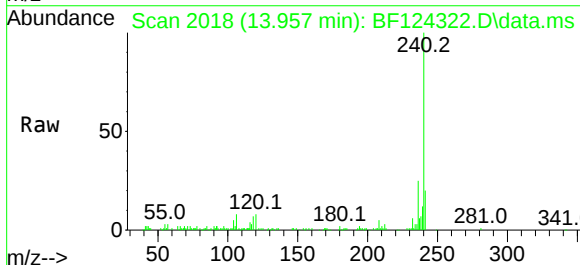
Instrument :
BNA_F
ClientSampled :
17-B6(88-92)

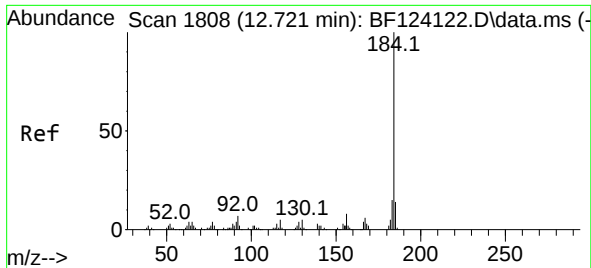
Tgt Ion:248 Resp: 8973
Ion Ratio Lower Upper
248 100
250 205.2 77.4 116.2#
141 495.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

Tgt Ion:240 Resp: 75840
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 24.8 19.0 28.4

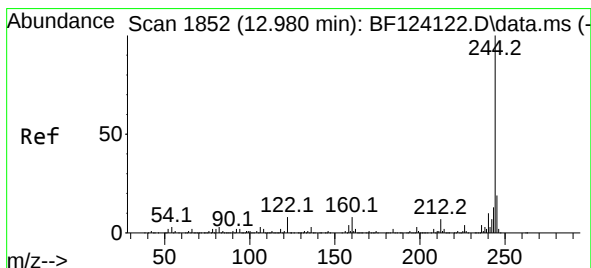
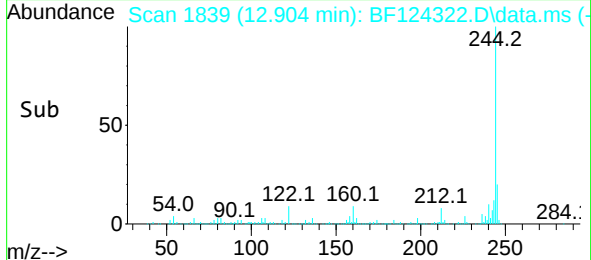
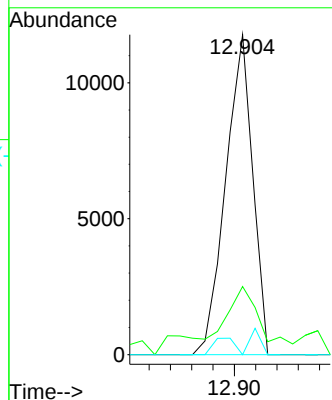
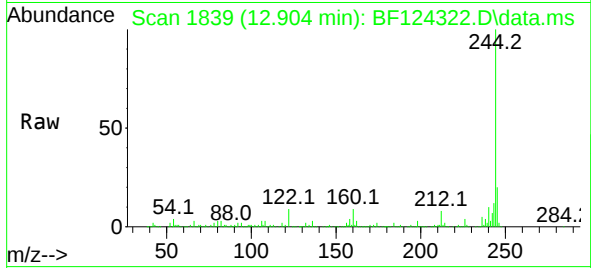




#77
Benzidine
Concen: 9.419 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

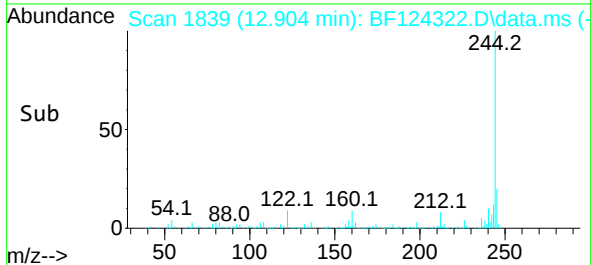
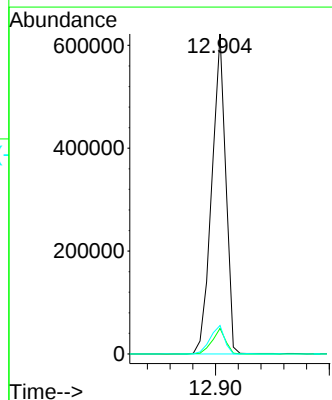
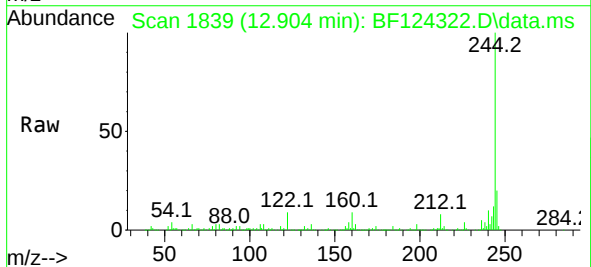
Instrument :
BNA_F
ClientSampleId :
17-B6(88-92)

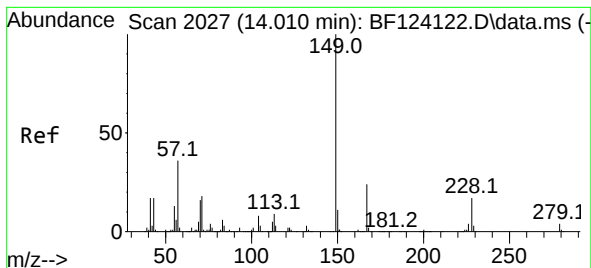
Tgt Ion:184 Resp: 10347
Ion Ratio Lower Upper
184 100
185 21.3 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 95.891 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124322.D
Acq: 15 Jun 2021 14:44

Tgt Ion:244 Resp: 529685
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 8.9 9.7 14.5#

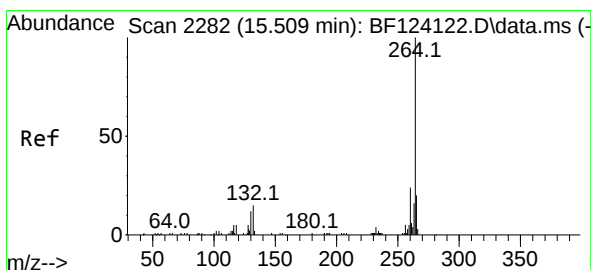
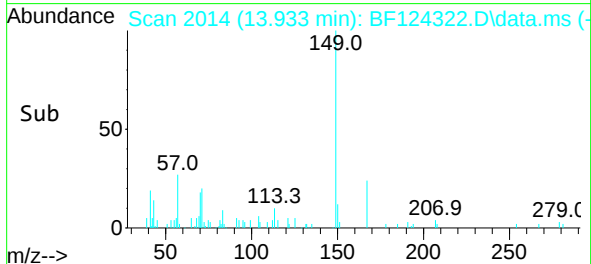
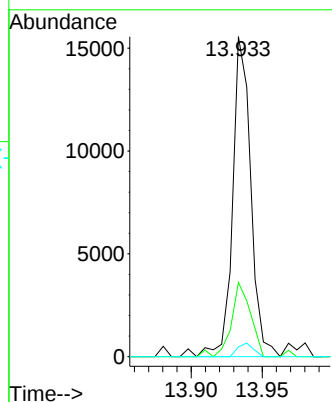
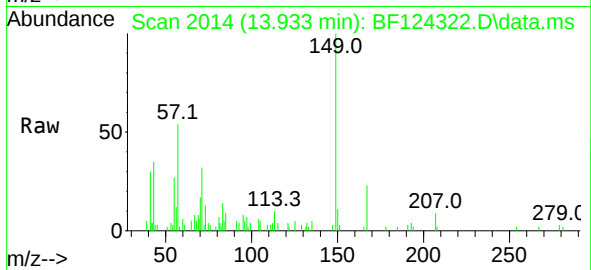




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.969 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF124322.D
 Acq: 15 Jun 2021 14:44

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(88-92)

Tgt Ion:149 Resp: 13948
 Ion Ratio Lower Upper
 149 100
 167 23.2 21.8 32.6
 279 3.0 3.3 4.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF124322.D
 Acq: 15 Jun 2021 14:44

Tgt Ion:264 Resp: 67875
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.7 28.1
 265 22.0 17.8 26.8

