

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124346.D
 Acq On : 16 Jun 2021 17:30
 Operator : JU/CG
 Sample : M2672-38
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(76-80)

Quant Time: Jun 16 18:45:30 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)

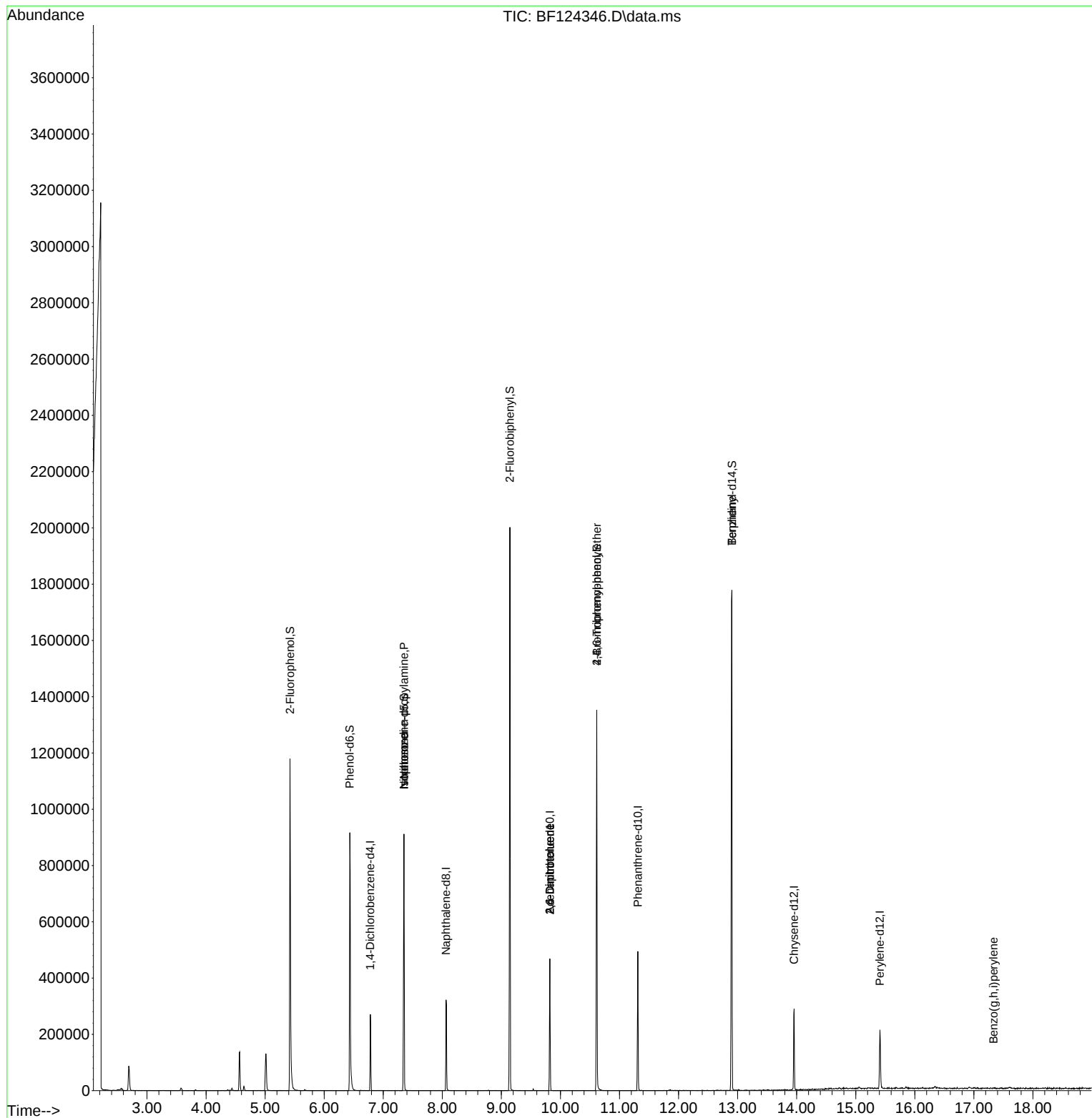
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	35335	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	130842	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	79040	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	151030	20.000	ng	0.00
76) Chrysene-d12	13.957	240	94610	20.000	ng	0.00
86) Perylene-d12	15.409	264	85397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	252112	107.405	ng	0.00
7) Phenol-d6	6.434	99	278494	88.267	ng	-0.01
23) Nitrobenzene-d5	7.351	82	267851	81.192	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	132195	118.052	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	517023	82.313	ng	0.00
79) Terphenyl-d14	12.904	244	599920	87.059	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	38155	17.131	ng	# 68
25) Isophorone	7.351	82	267847	45.056	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	10014	6.679	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	10014	5.064	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	8607	4.152	ng	# 1
77) Benzidine	12.904	184	10661	8.487	ng	99
92) Benzo(g,h,i)perylene	17.333	276	112	3.824	ng	# 56

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

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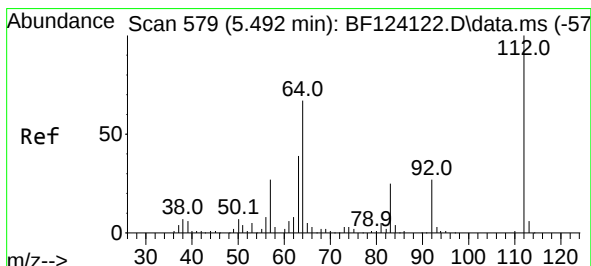
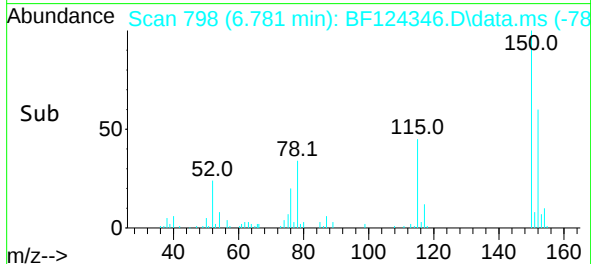
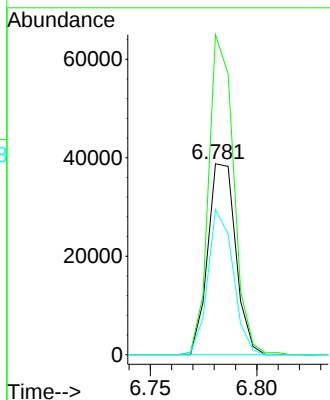
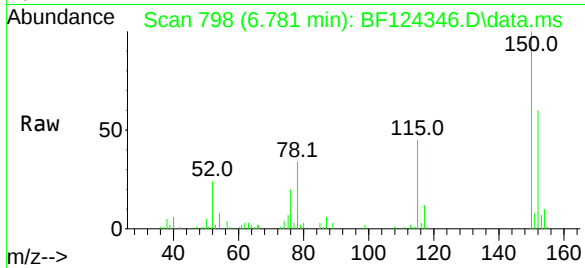




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

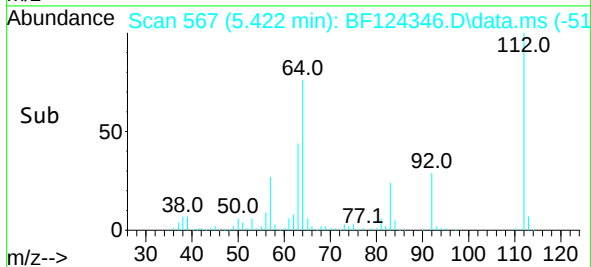
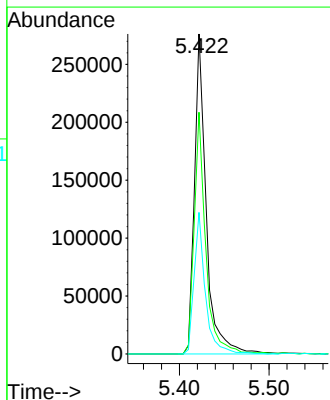
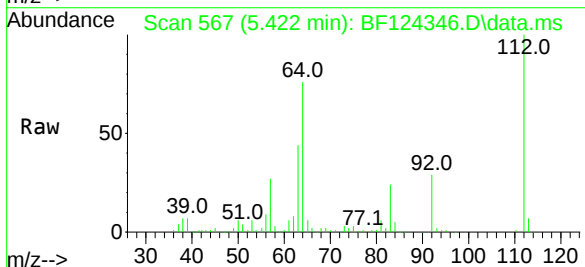
Instrument :
BNA_F
ClientSampleId :
17-B6(76-80)

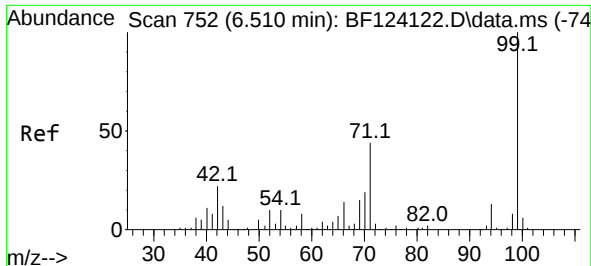
Tgt Ion:152 Resp: 35335
Ion Ratio Lower Upper
152 100
150 167.7 127.0 190.6
115 76.1 54.3 81.5



#5
2-Fluorophenol
Concen: 107.405 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

Tgt Ion:112 Resp: 252112
Ion Ratio Lower Upper
112 100
64 75.6 61.4 92.0
63 44.2 33.0 49.4

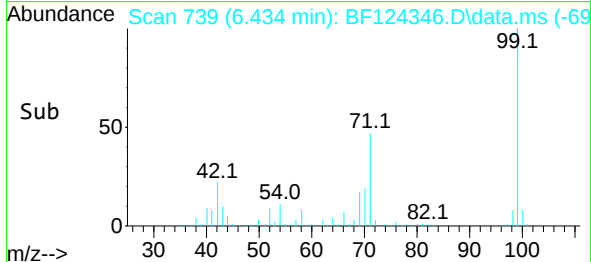
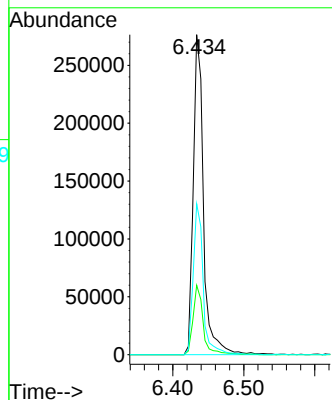
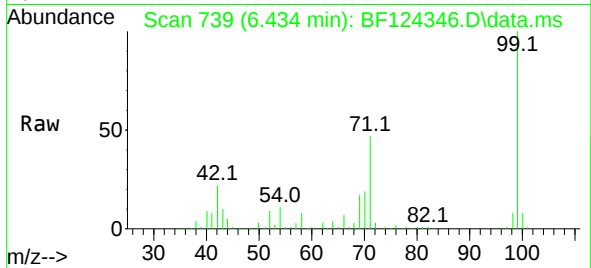




#7
Phenol-d6
Concen: 88.267 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

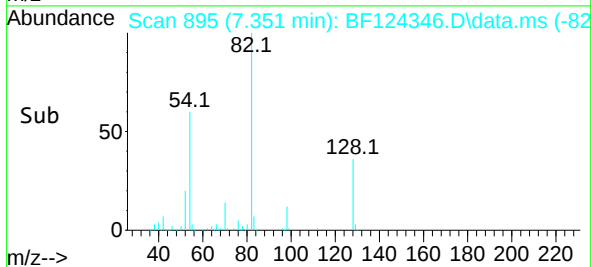
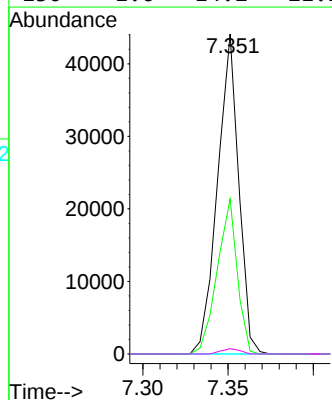
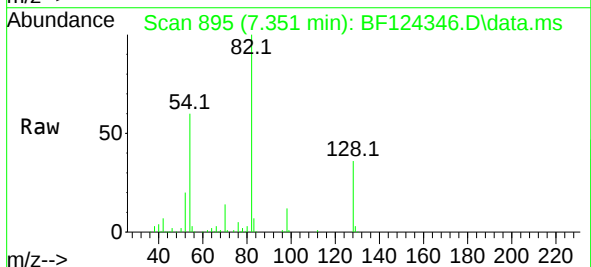
Instrument :
BNA_F
ClientSampleId :
17-B6(76-80)

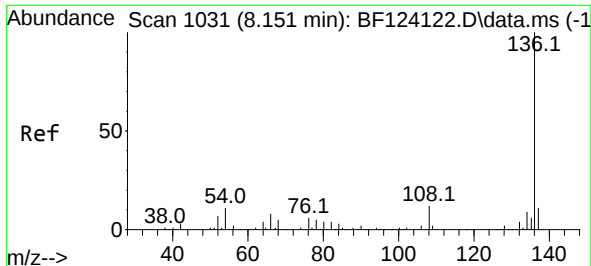
Tgt Ion: 99 Resp: 278494
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.8
71 47.2 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 17.131 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

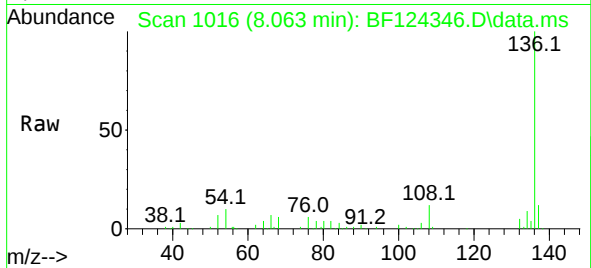
Tgt Ion: 70 Resp: 38155
Ion Ratio Lower Upper
70 100
42 48.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



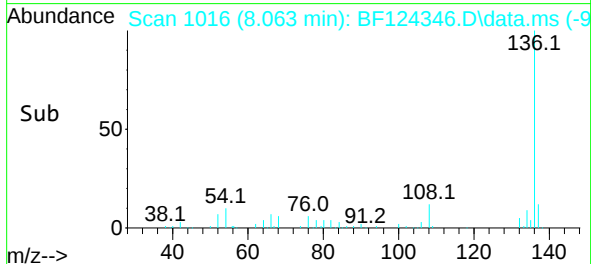
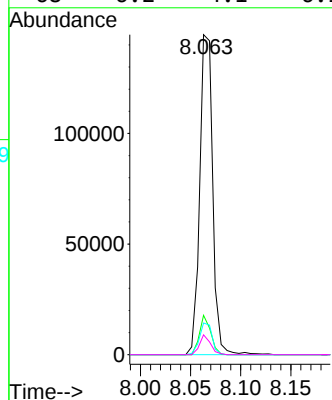


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

Instrument :
BNA_F
ClientSampleId :
17-B6(76-80)

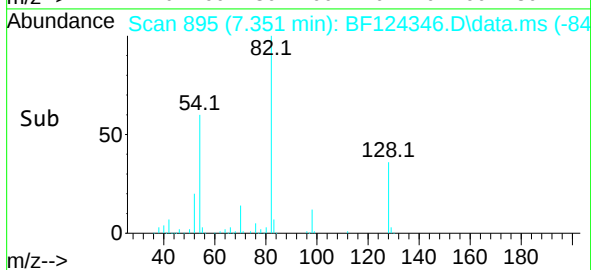
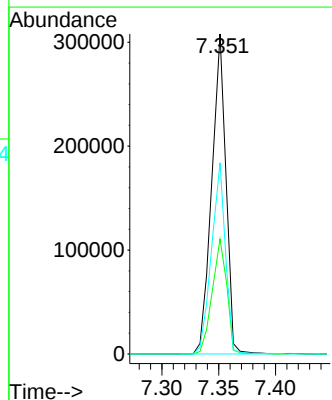
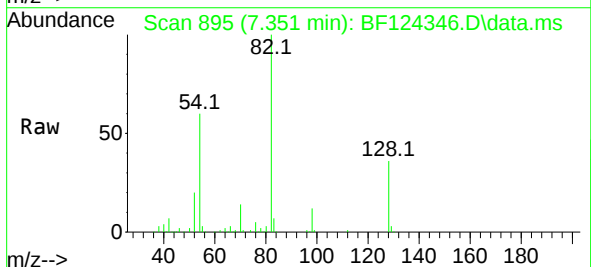


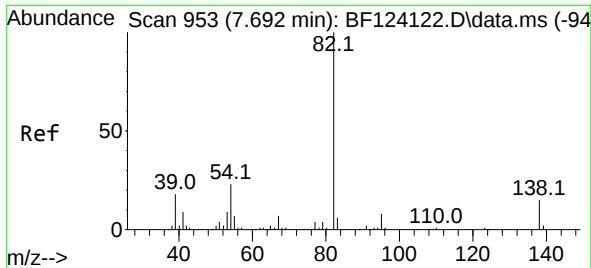
Tgt Ion:136 Resp: 130842
Ion Ratio Lower Upper
136 100
137 12.3 8.7 13.1
54 9.9 9.8 14.6
68 6.2 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 81.192 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

Tgt Ion: 82 Resp: 267851
Ion Ratio Lower Upper
82 100
128 36.0 29.4 44.2
54 59.7 54.1 81.1

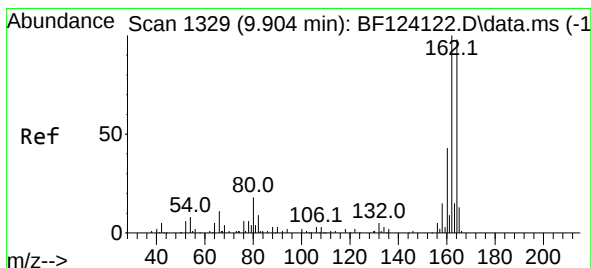
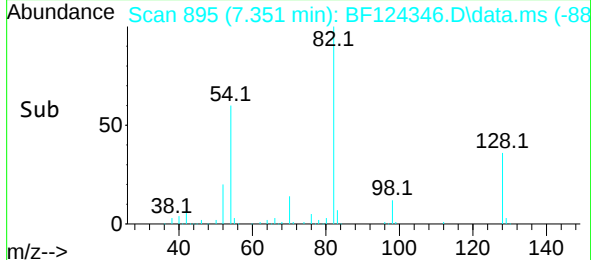
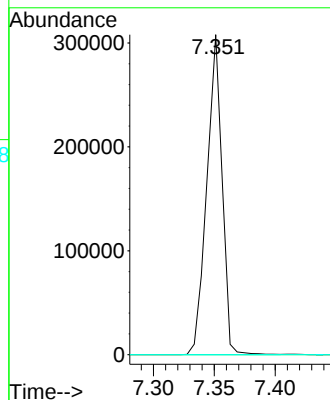
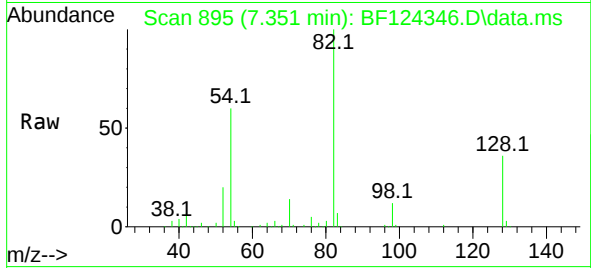




#25
Isophorone
Concen: 45.056 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

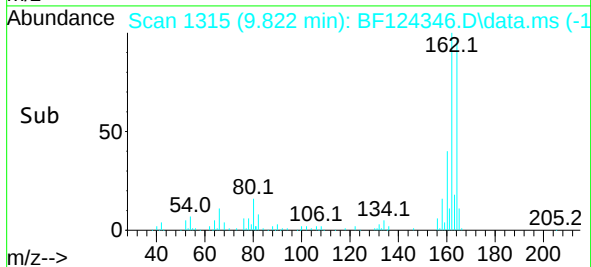
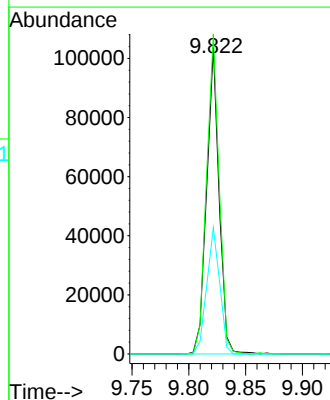
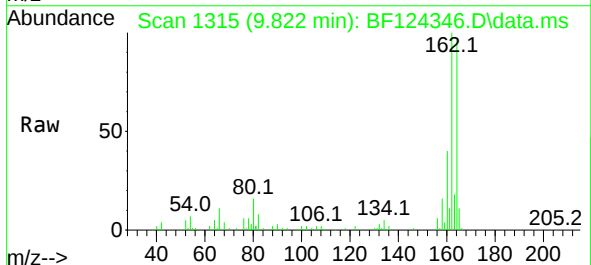
Instrument :
BNA_F
ClientSampleId :
17-B6(76-80)

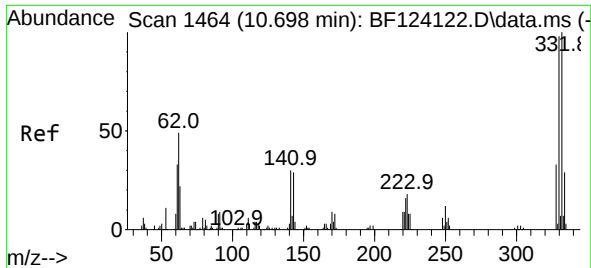
Tgt Ion: 82 Resp: 267847
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

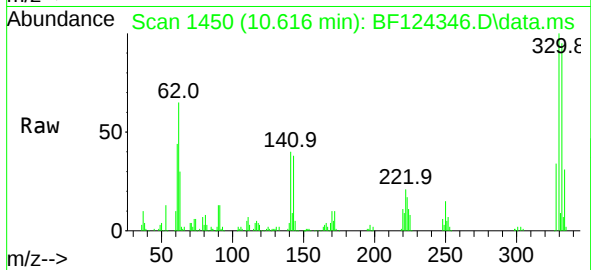
Tgt Ion:164 Resp: 79040
Ion Ratio Lower Upper
164 100
162 104.3 80.7 121.1
160 41.2 37.3 55.9



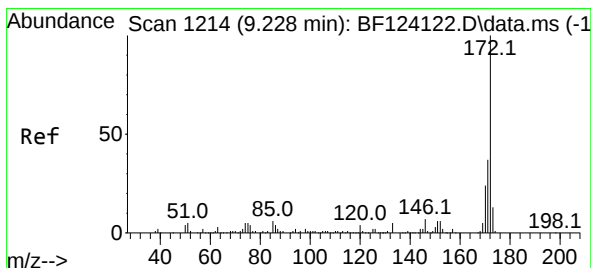
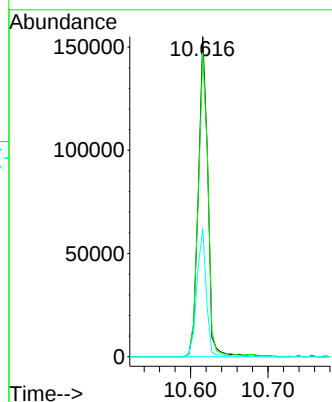
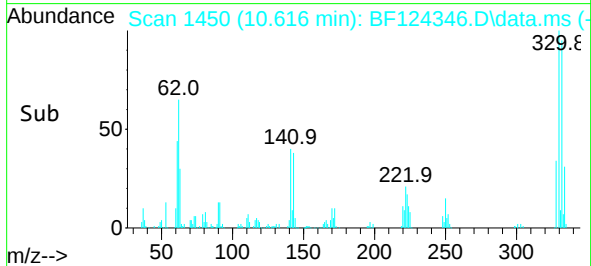


#42
2,4,6-Tribromophenol
Concen: 118.052 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

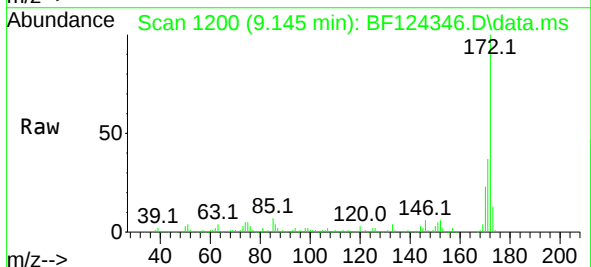
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ClientSampleId :
17-B6(76-80)



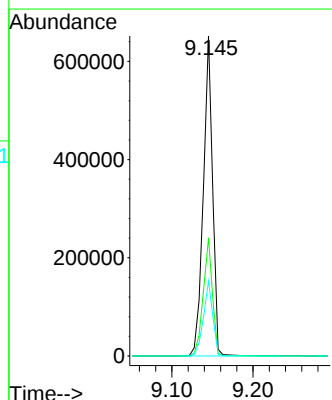
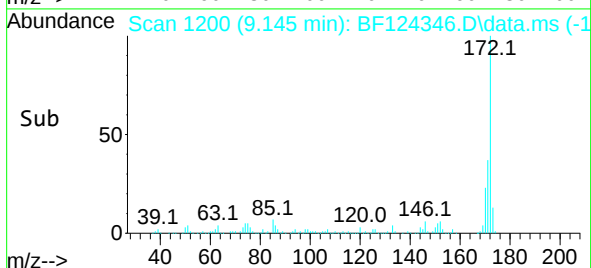
Tgt Ion: 330 Resp: 132195
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 39.5 27.9 41.9

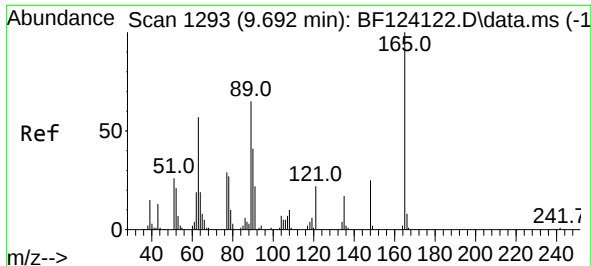


#45
2-Fluorobiphenyl
Concen: 82.313 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30



Tgt Ion: 172 Resp: 517023
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.5 19.2 28.8

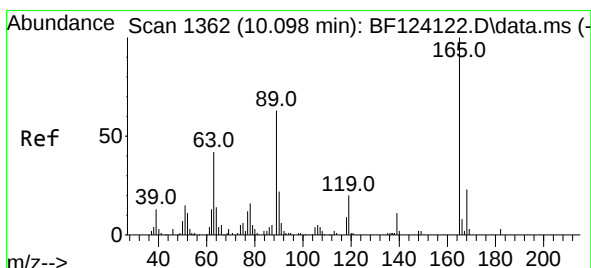
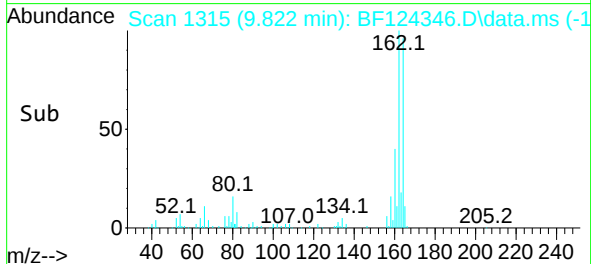
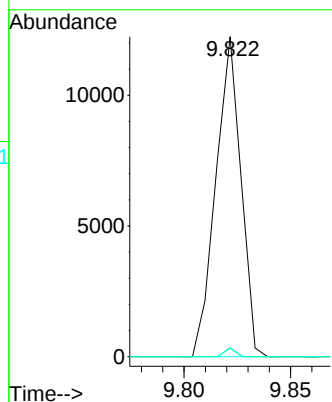
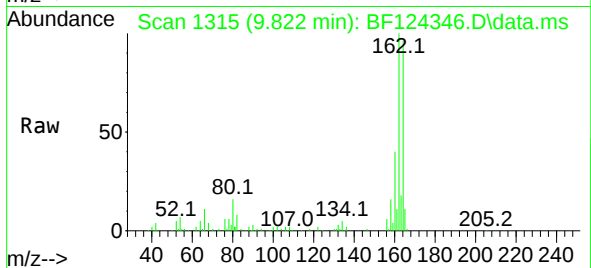




#51
2,6-Dinitrotoluene
Concen: 6.679 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

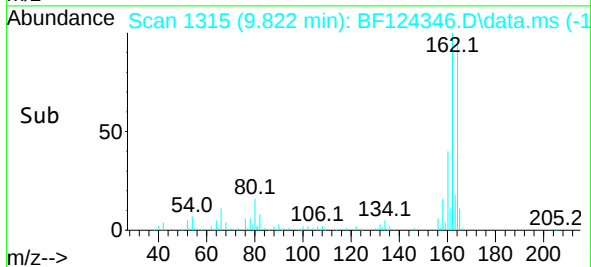
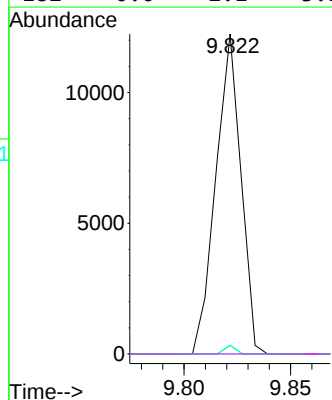
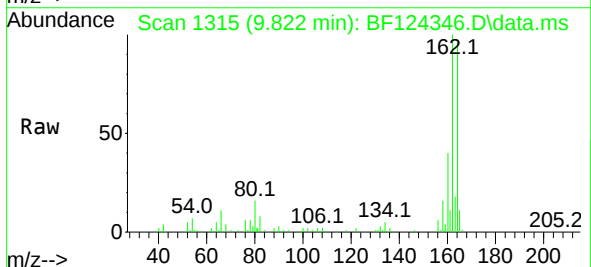
Instrument :
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17-B6(76-80)

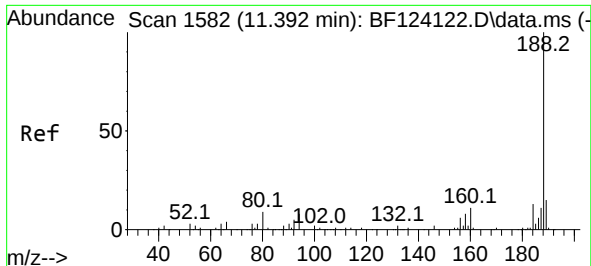
Tgt Ion:165 Resp: 10014
Ion Ratio Lower Upper
165 100
63 2.7 67.7 101.5#
89 2.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.064 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

Tgt Ion:165 Resp: 10014
Ion Ratio Lower Upper
165 100
63 2.7 43.5 65.3#
89 2.7 67.7 101.5#
182 0.0 2.1 3.1#

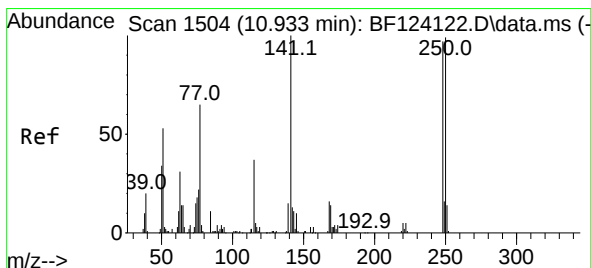
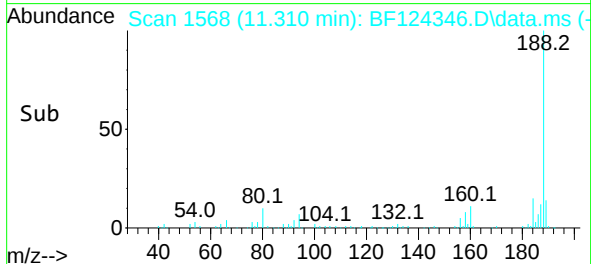
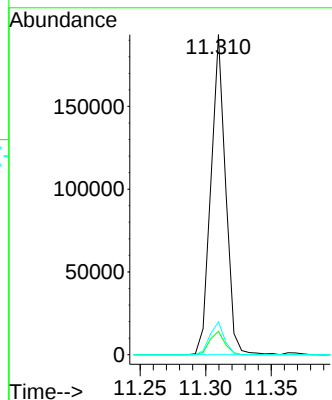
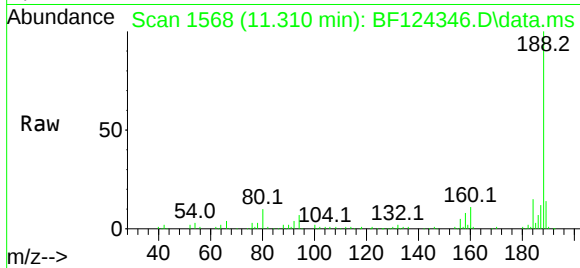




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

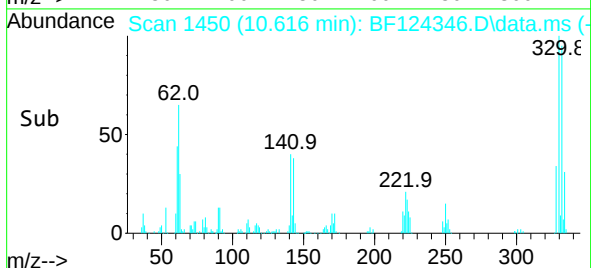
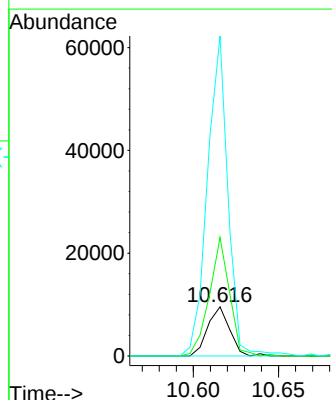
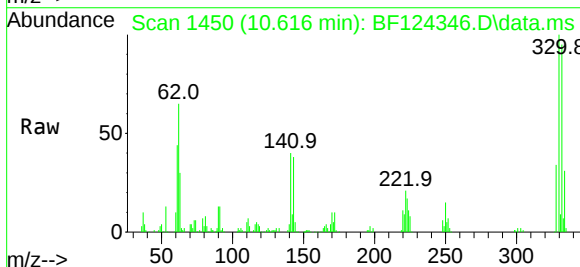
Instrument :
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17-B6(76-80)

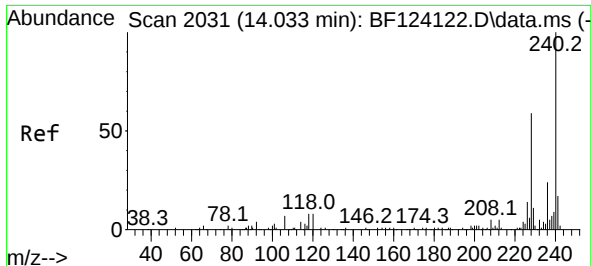
Tgt Ion:188 Resp: 151030
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 10.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

Tgt Ion:248 Resp: 8607
Ion Ratio Lower Upper
248 100
250 241.3 77.4 116.2#
141 650.7 63.7 95.5#

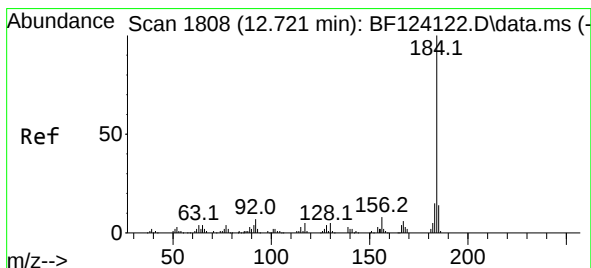
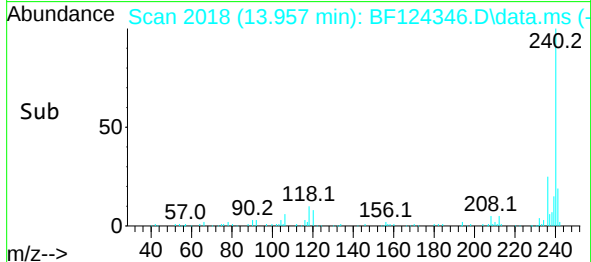
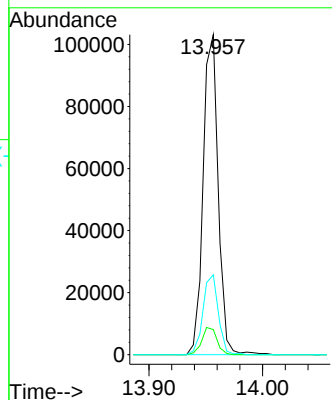
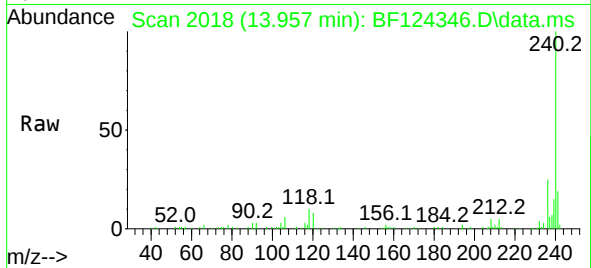




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

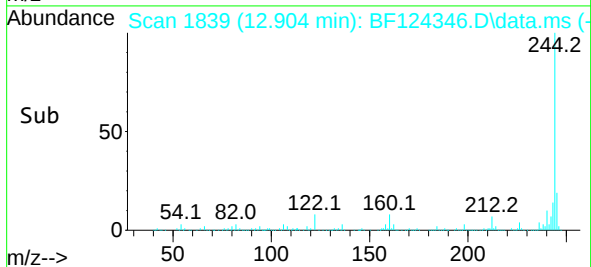
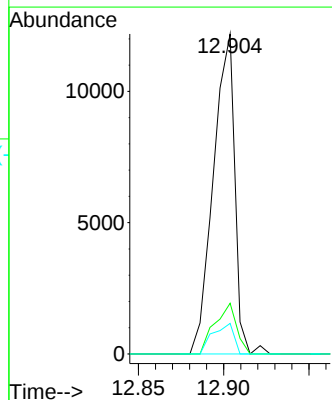
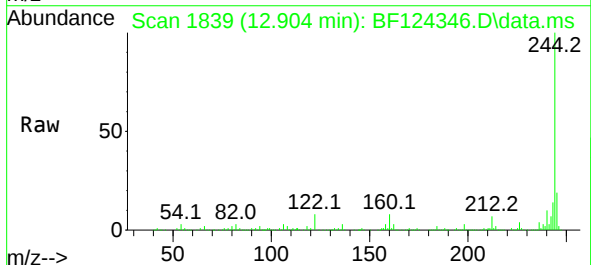
Instrument :
BNA_F
ClientSampleId :
17-B6(76-80)

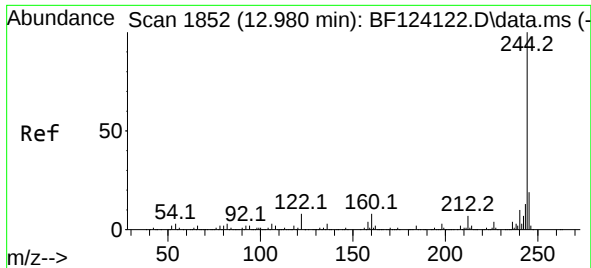
Tgt Ion:240 Resp: 94610
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 24.9 19.0 28.4



#77
Benzidine
Concen: 8.487 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124346.D
Acq: 16 Jun 2021 17:30

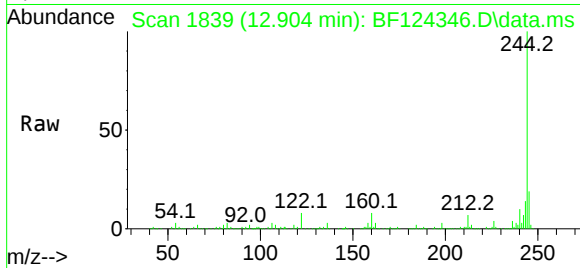
Tgt Ion:184 Resp: 10661
Ion Ratio Lower Upper
184 100
185 15.9 12.1 18.1
183 9.6 7.8 11.8



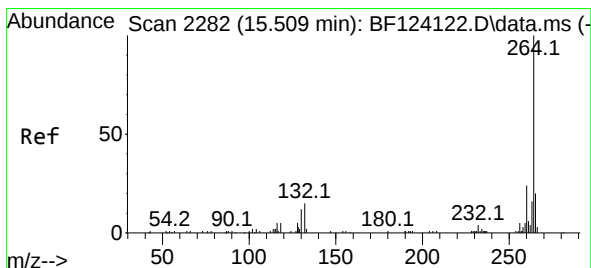
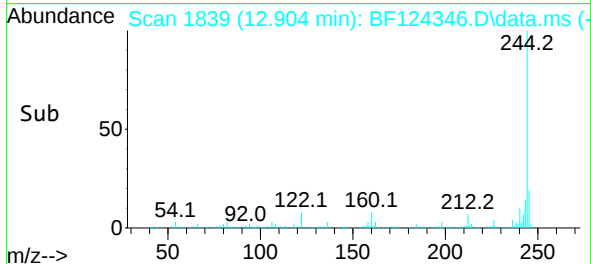
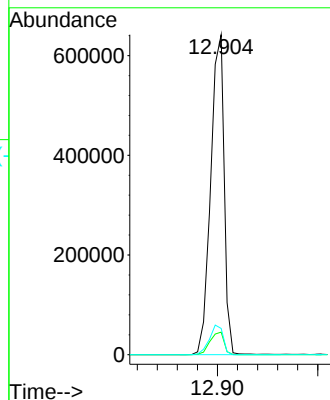


#79
 Terphenyl-d14
 Concen: 87.059 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF124346.D
 Acq: 16 Jun 2021 17:30

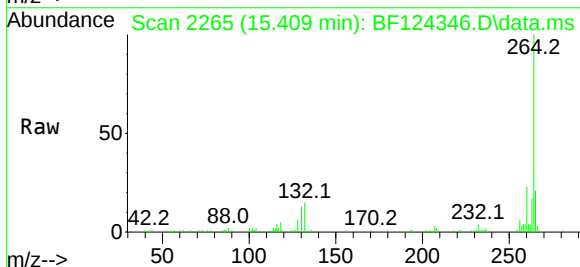
Instrument :
 BNA_F
 ClientSampleId :
 17-B6(76-80)



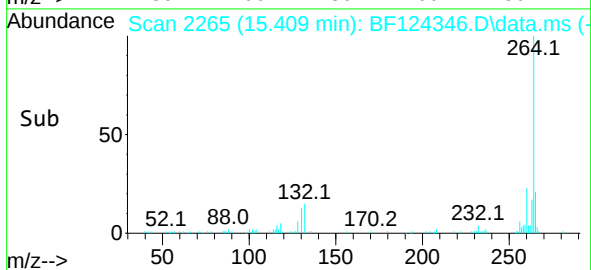
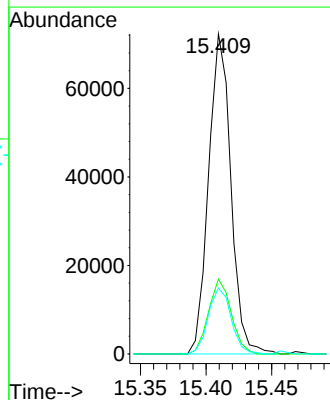
Tgt Ion:244 Resp: 599920
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.2 9.7 14.5#

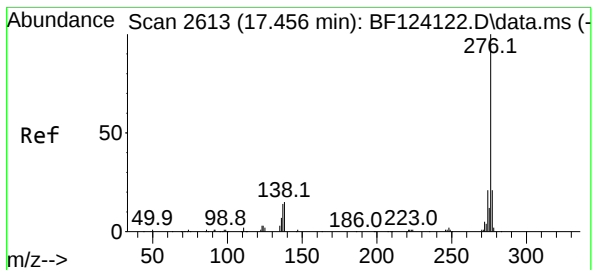


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF124346.D
 Acq: 16 Jun 2021 17:30



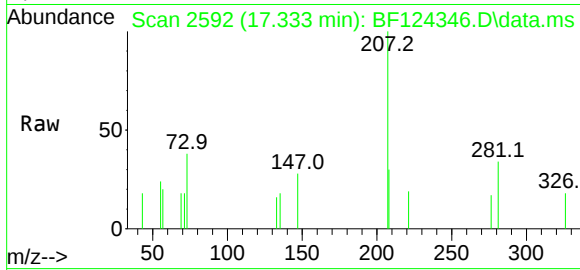
Tgt Ion:264 Resp: 85397
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.6 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 3.824 ng
 RT: 17.333 min Scan# 2592
 Delta R.T. 0.018 min
 Lab File: BF124346.D
 Acq: 16 Jun 2021 17:30

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(76-80)



Tgt Ion:	276	Resp:	112
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	0.0	13.8	20.6#

