

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124345.D
 Acq On : 16 Jun 2021 16:58
 Operator : JU/CG
 Sample : M2672-40
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(84-88)

Quant Time: Jun 16 17:27:45 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)

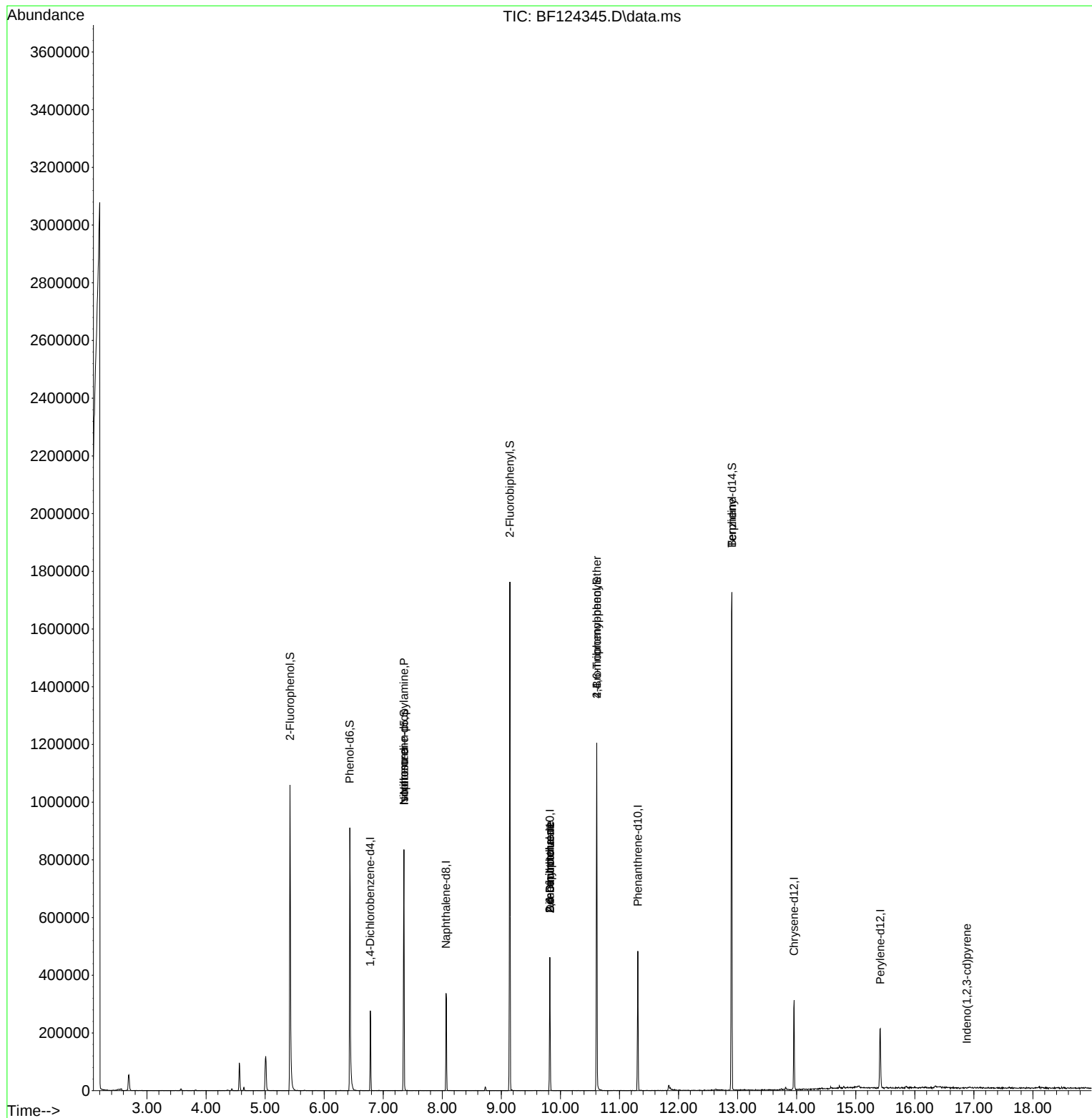
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	34469	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	132964	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	79081	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	152587	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	104555	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	90609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	236935	103.475	ng	0.00
7) Phenol-d6	6.434	99	266869	86.707	ng	-0.01
23) Nitrobenzene-d5	7.351	82	234965	70.087	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	121022	108.018	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	446491	71.047	ng	0.00
79) Terphenyl-d14	12.904	244	570876	74.964	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	35019	16.118	ng	# 67
25) Isophorone	7.351	82	234963	38.893	ng	# 69
50) Dimethylphthalate	9.822	163	14652	2.239	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	10314	6.875	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	10314	5.213	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	8747	4.176	ng	# 1
77) Benzidine	12.904	184	10744	8.097	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.880	276	114	4.349	ng	# 53

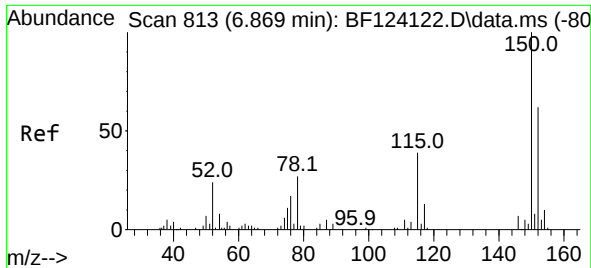
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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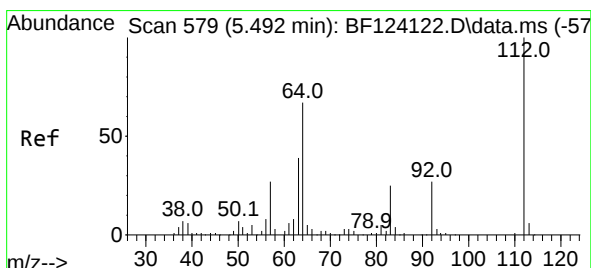
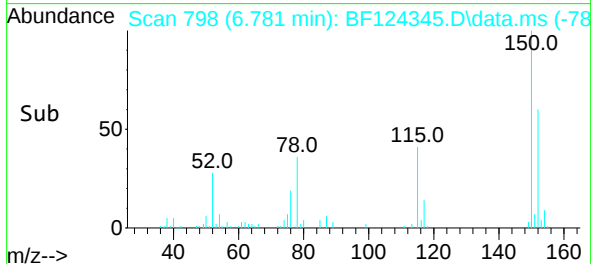
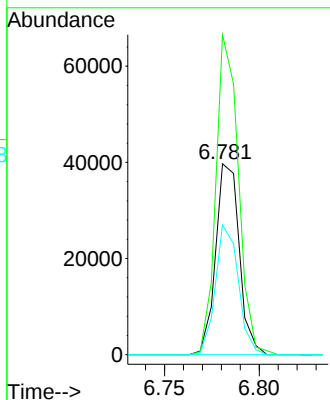
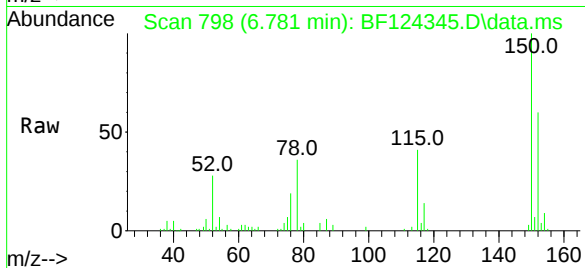




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

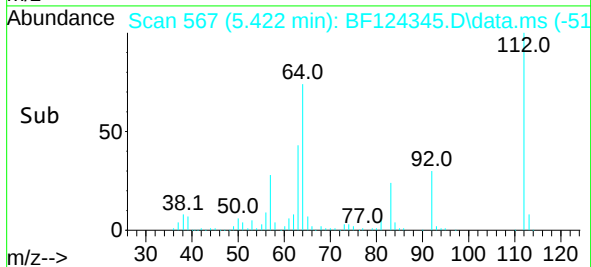
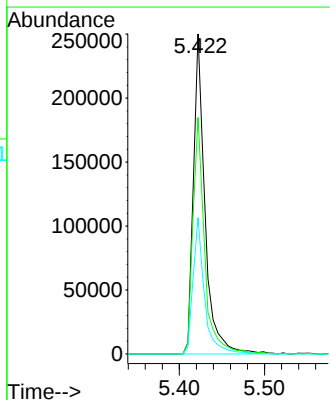
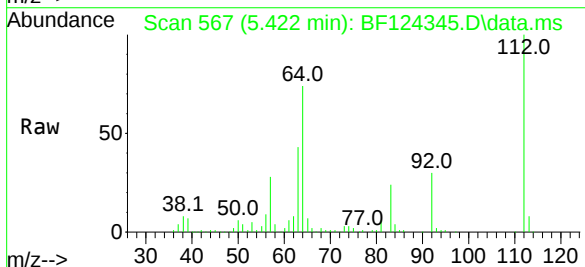
Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

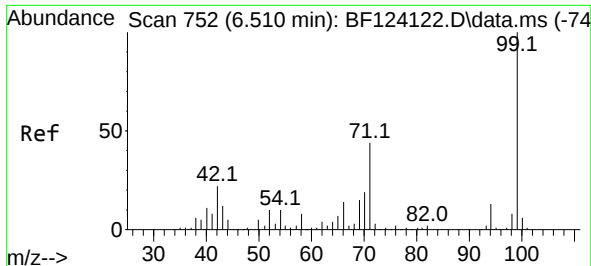
Tgt Ion:152 Resp: 34469
Ion Ratio Lower Upper
152 100
150 167.6 127.0 190.6
115 68.0 54.3 81.5



#5
2-Fluorophenol
Concen: 103.475 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Tgt Ion:112 Resp: 236935
Ion Ratio Lower Upper
112 100
64 73.9 61.4 92.0
63 42.6 33.0 49.4

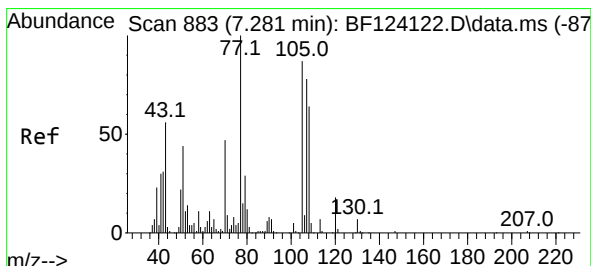
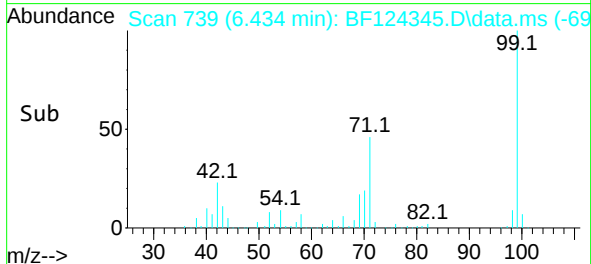
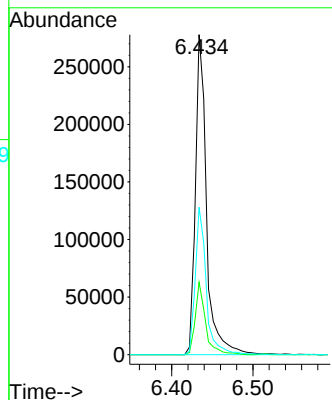
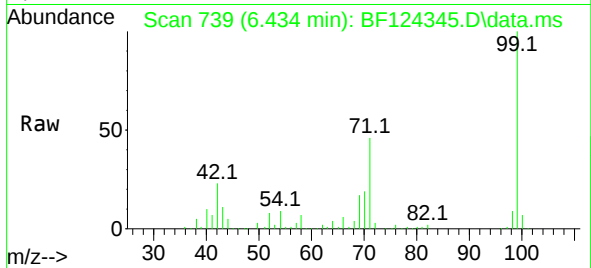




#7
Phenol-d6
Concen: 86.707 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

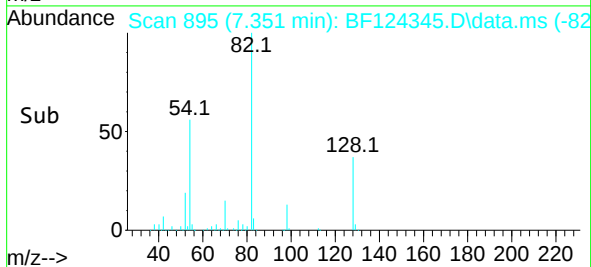
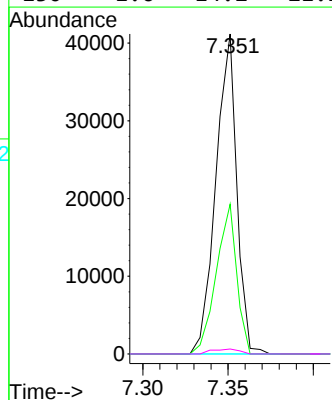
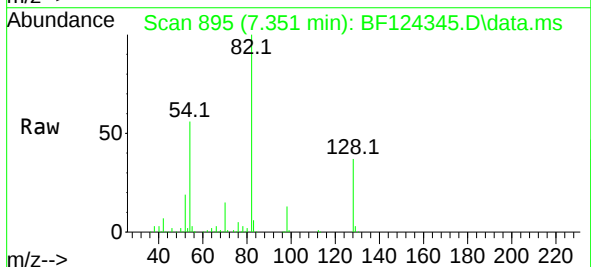
Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

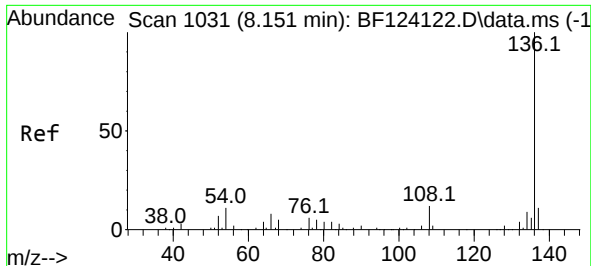
Tgt Ion: 99 Resp: 266869
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 46.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.118 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

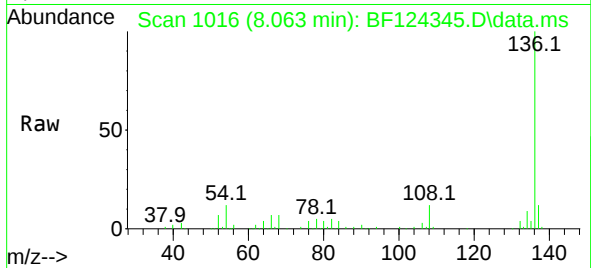
Tgt Ion: 70 Resp: 35019
Ion Ratio Lower Upper
70 100
42 46.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



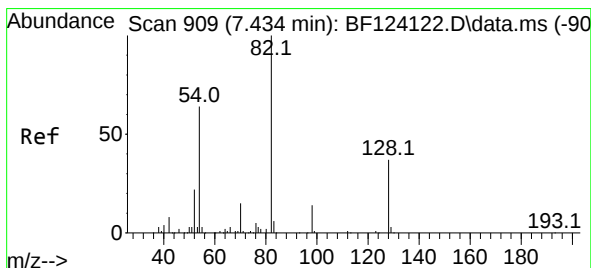
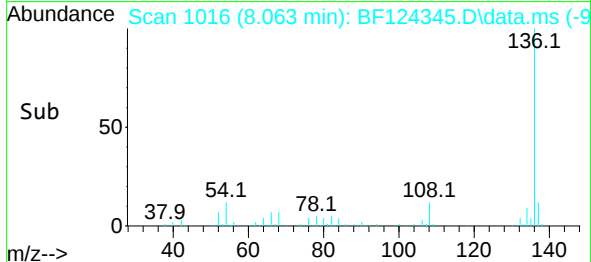
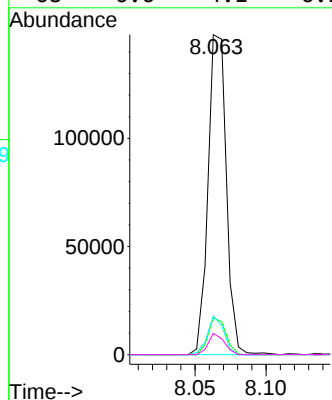


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

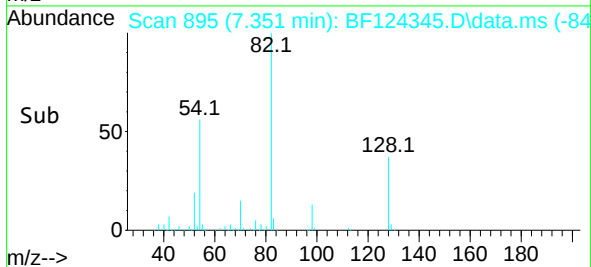
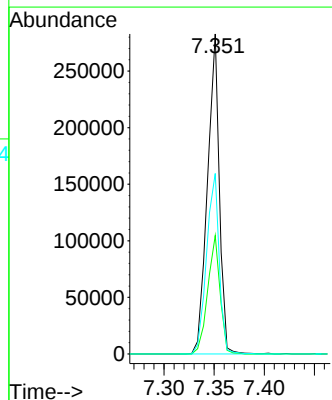
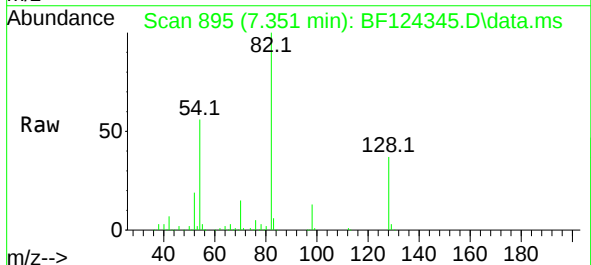


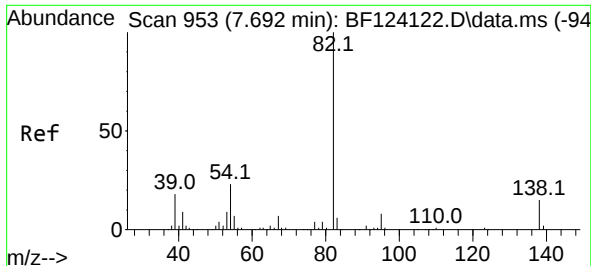
Tgt Ion:136	Resp: 132964
Ion Ratio	Lower Upper
136 100	
137 11.5	8.7 13.1
54 12.1	9.8 14.6
68 6.6	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 70.087 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Tgt Ion: 82	Resp: 234965
Ion Ratio	Lower Upper
82 100	
128 37.0	29.4 44.2
54 56.4	54.1 81.1

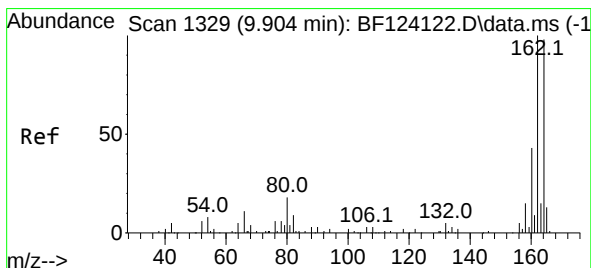
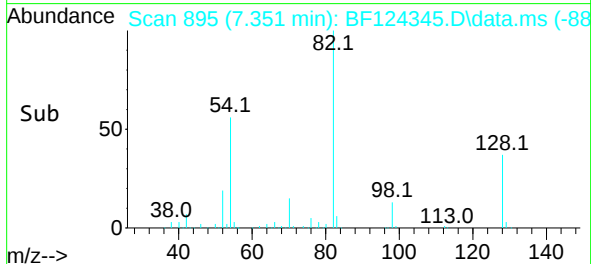
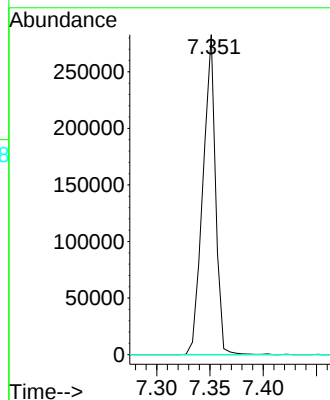
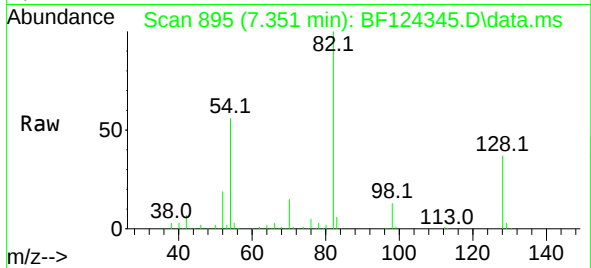




#25
Isophorone
Concen: 38.893 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

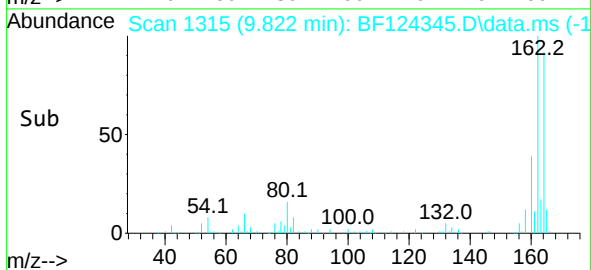
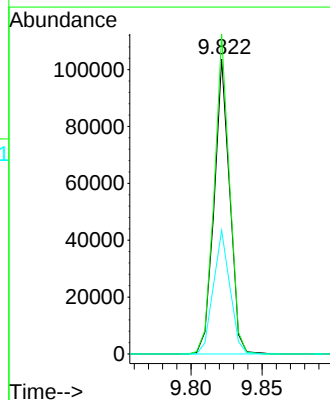
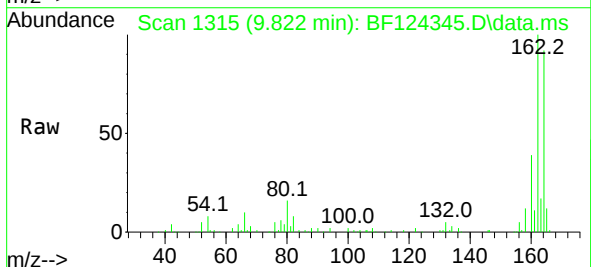
Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

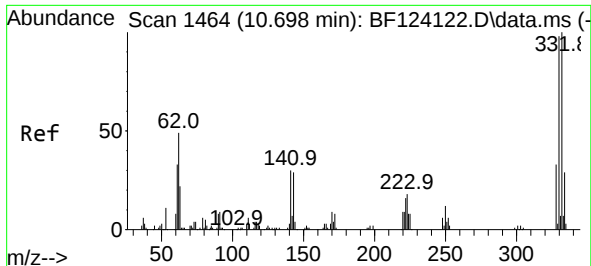
Tgt Ion: 82 Resp: 234963
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

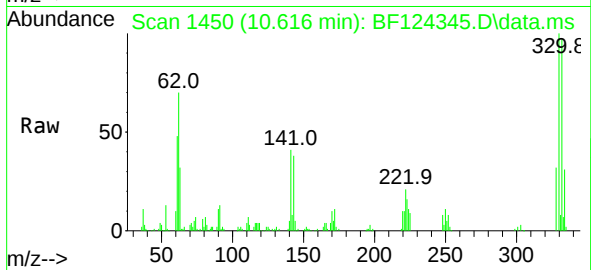
Tgt Ion: 164 Resp: 79081
Ion Ratio Lower Upper
164 100
162 108.5 80.7 121.1
160 41.9 37.3 55.9



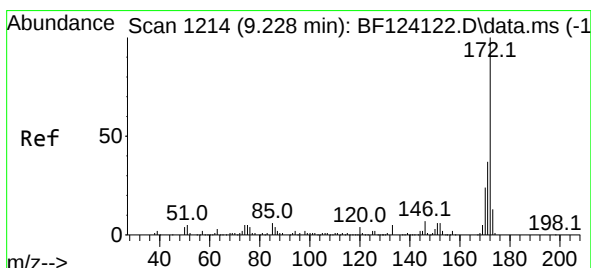
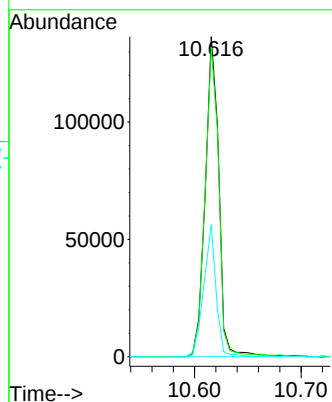
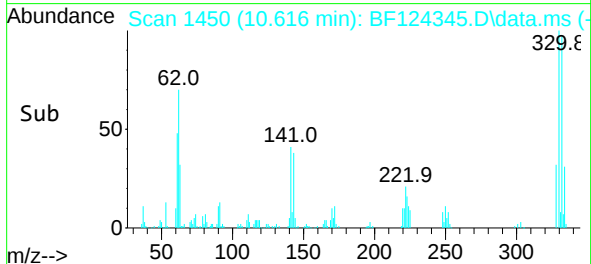


#42
2,4,6-Tribromophenol
Concen: 108.018 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

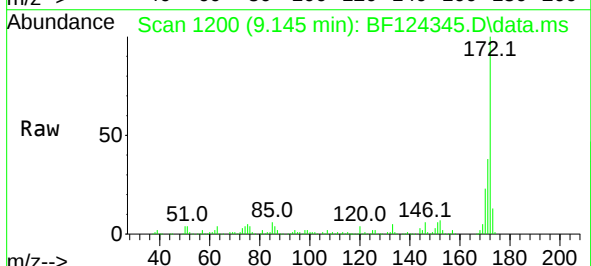
Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)



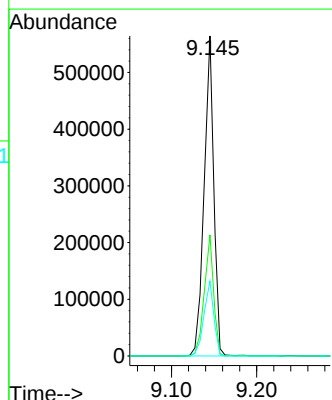
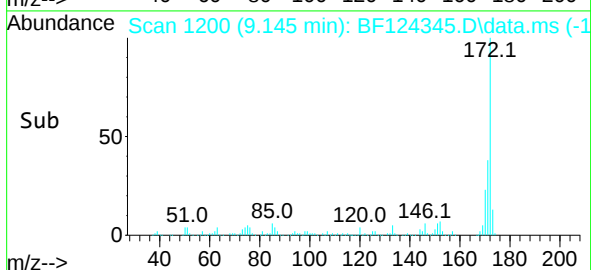
Tgt Ion: 330 Resp: 121022
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 37.5 27.9 41.9

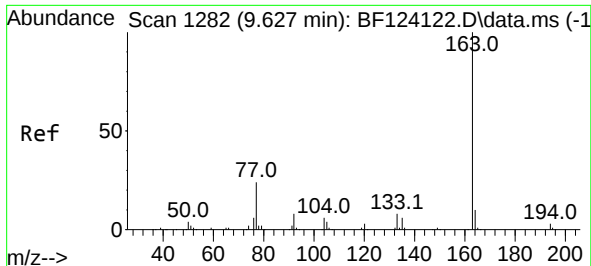


#45
2-Fluorobiphenyl
Concen: 71.047 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58



Tgt Ion: 172 Resp: 446491
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 23.4 19.2 28.8

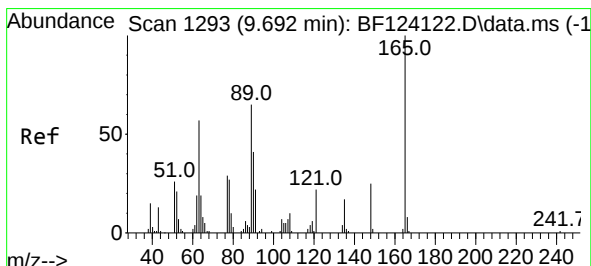
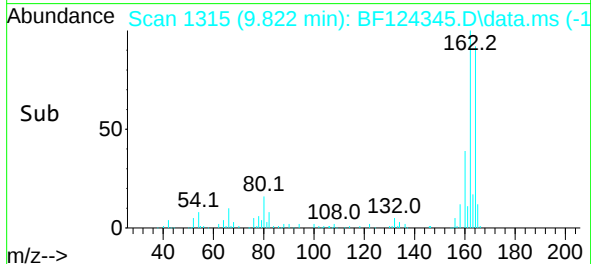
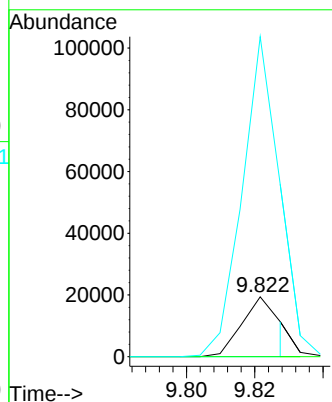
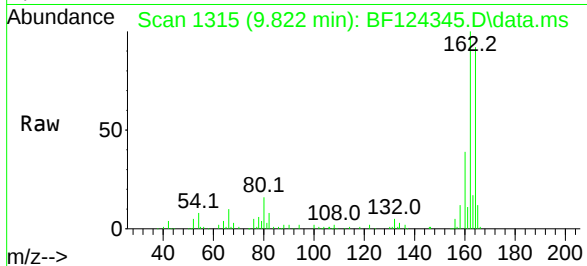




#50
Dimethylphthalate
Concen: 2.239 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

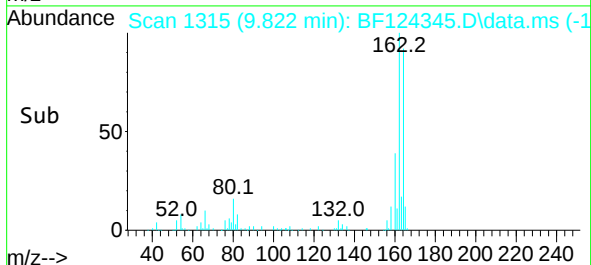
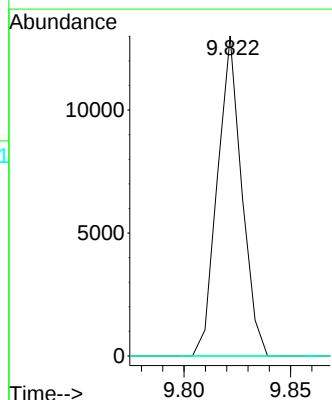
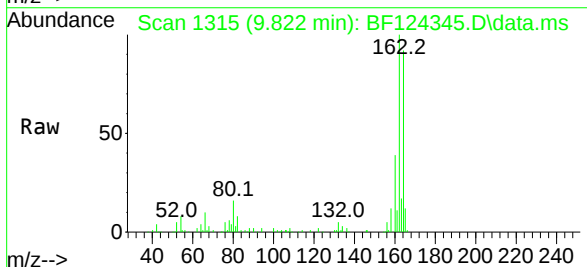
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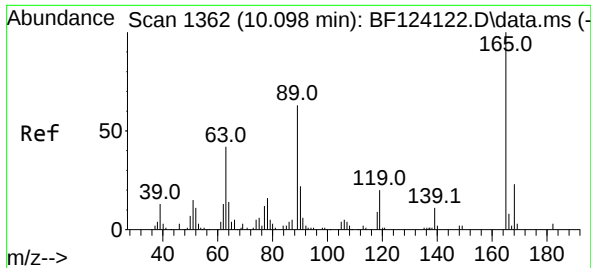
Tgt Ion:163 Resp: 14652
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 534.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.875 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

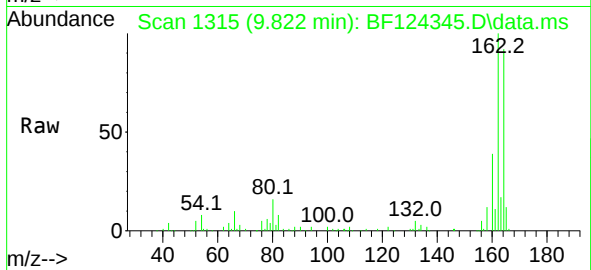
Tgt Ion:165 Resp: 10314
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



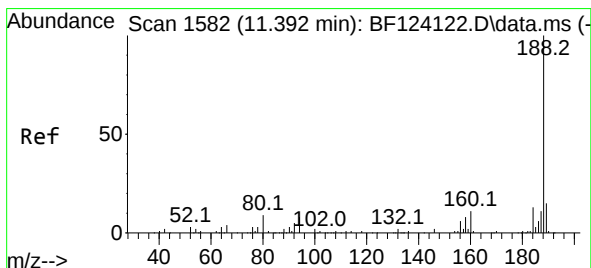
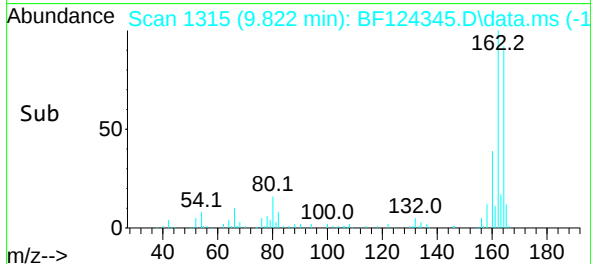
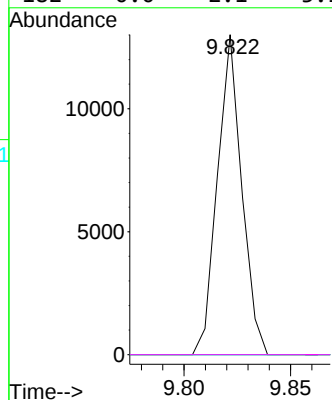


#57
2,4-Dinitrotoluene
Concen: 5.213 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

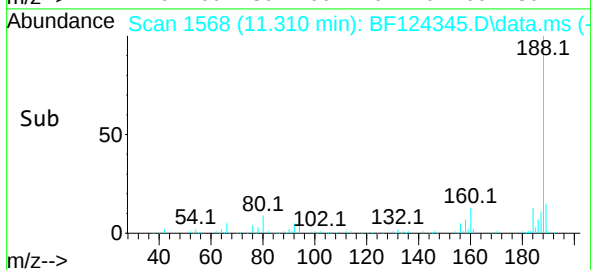
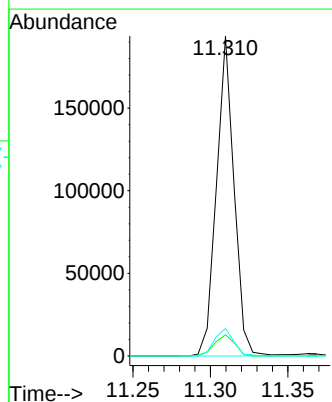
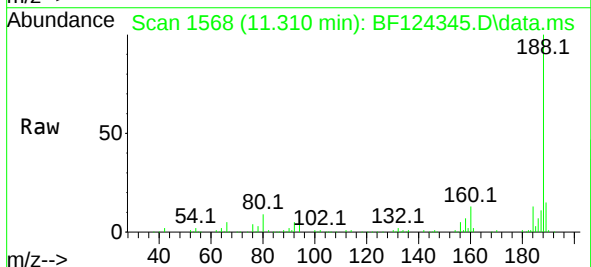


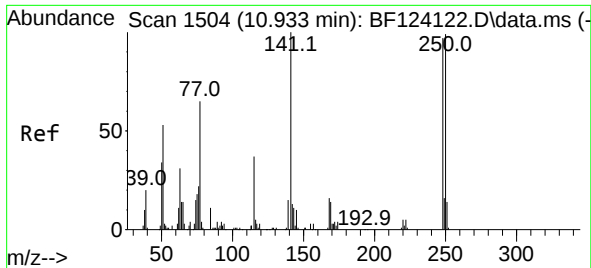
Tgt Ion:165 Resp: 10314
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Tgt Ion:188 Resp: 152587
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 8.6 8.2 12.2

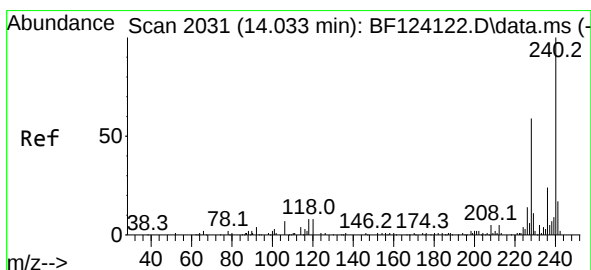
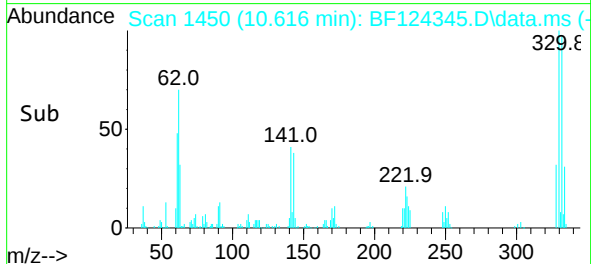
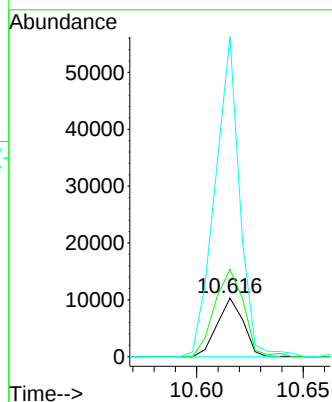
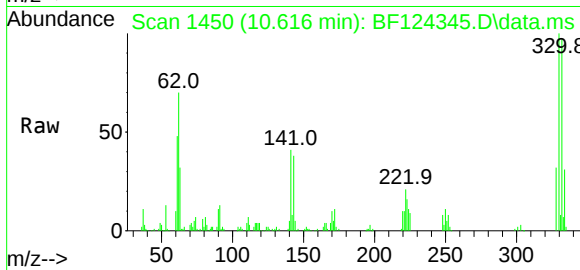




#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

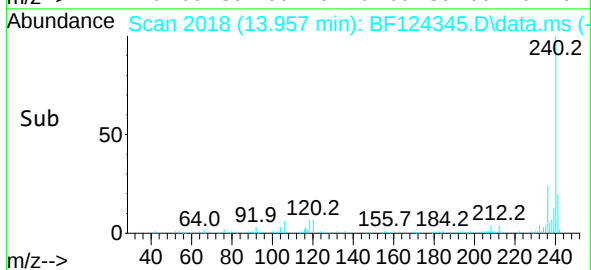
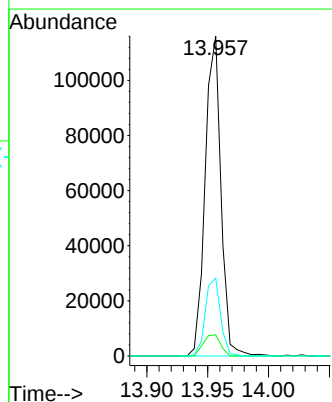
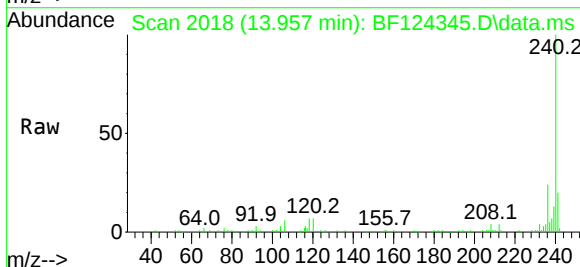
Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

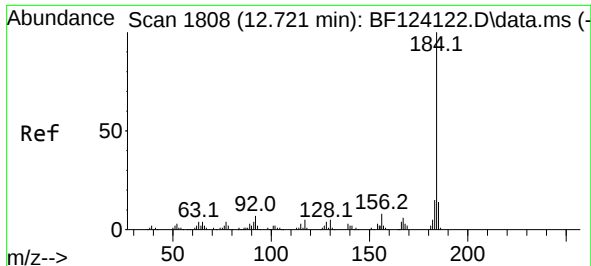
Tgt Ion:248 Resp: 8747
Ion Ratio Lower Upper
248 100
250 148.9 77.4 116.2#
141 545.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Tgt Ion:240 Resp: 104555
Ion Ratio Lower Upper
240 100
120 6.6 7.2 10.8#
236 24.3 19.0 28.4

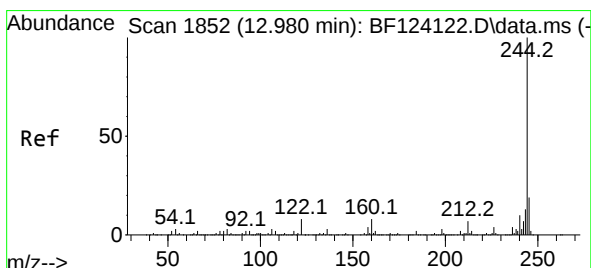
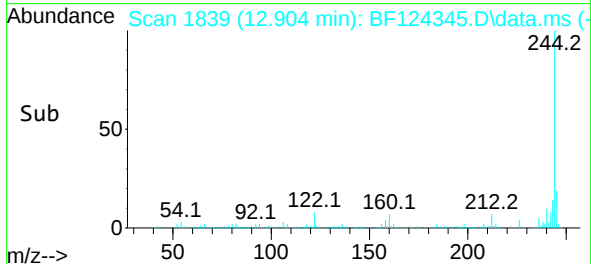
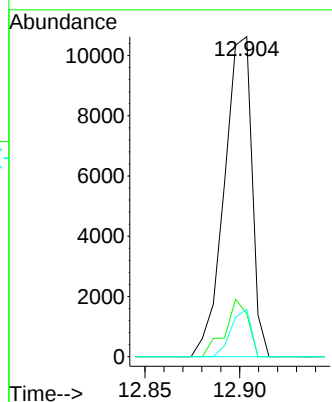
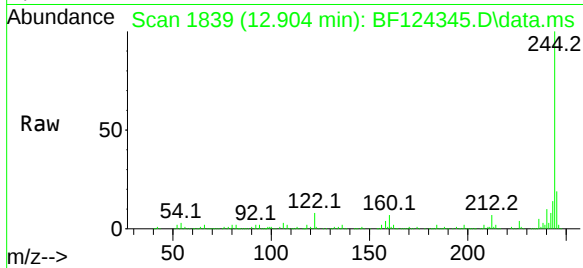




#77
Benzidine
Concen: 8.097 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

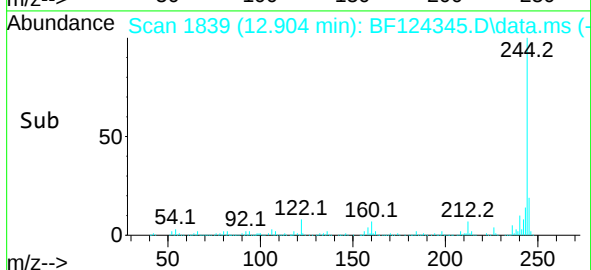
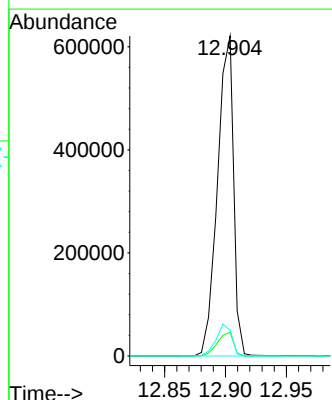
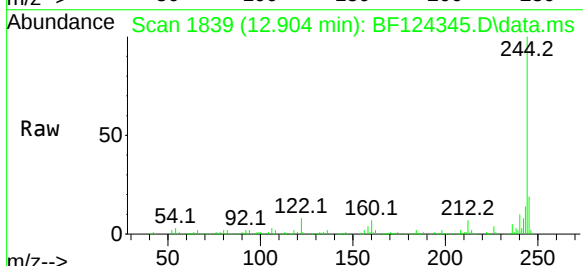
Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

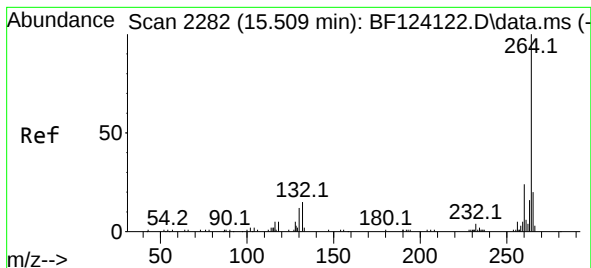
Tgt Ion:184 Resp: 10744
Ion Ratio Lower Upper
184 100
185 13.4 12.1 18.1
183 14.8 7.8 11.8#



#79
Terphenyl-d14
Concen: 74.964 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Tgt Ion:244 Resp: 570876
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.0 9.7 14.5#

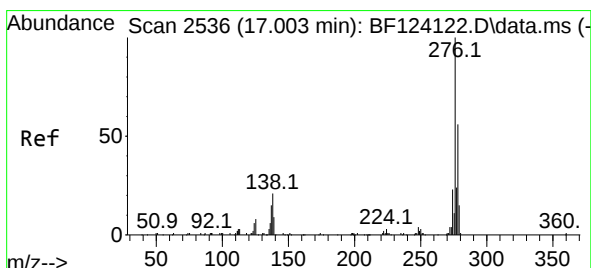
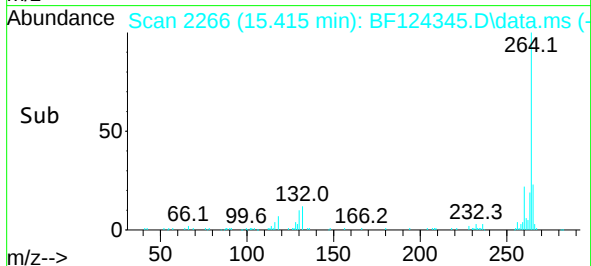
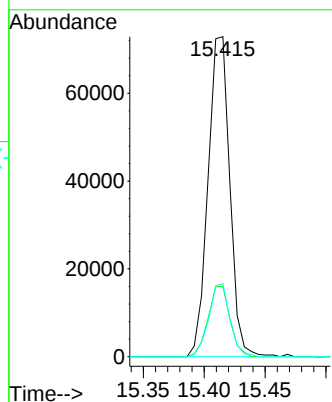
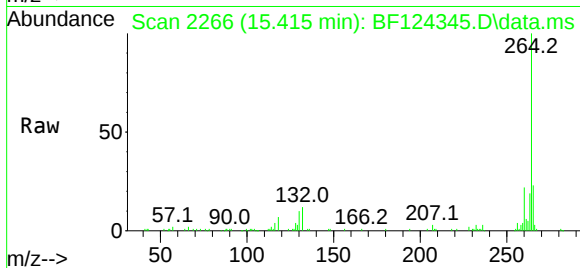




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Instrument :
BNA_F
ClientSampleId :
17-B6(84-88)

Tgt Ion:264 Resp: 90609
Ion Ratio Lower Upper
264 100
260 21.9 18.7 28.1
265 22.8 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.349 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124345.D
Acq: 16 Jun 2021 16:58

Tgt Ion:276 Resp: 114
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#

