

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124349.D
 Acq On : 16 Jun 2021 19:09
 Operator : JU/CG
 Sample : M2672-37
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(72-76)

Quant Time: Jun 17 07:33:19 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)

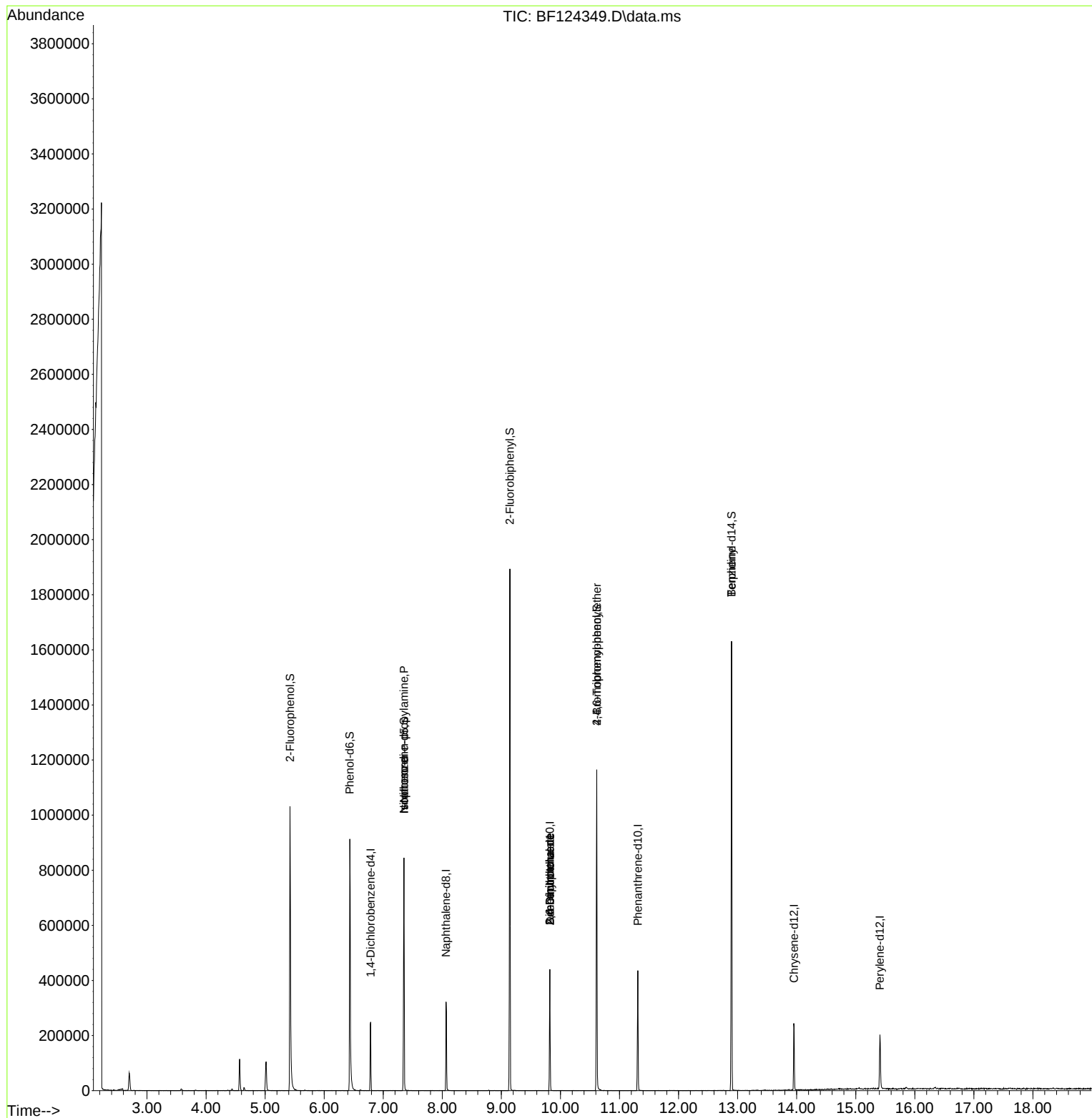
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	33087	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	123990	20.00	ng	#-0.01
39) Acenaphthene-d10	9.822	164	73856	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	136311	20.00	ng	0.00
76) Chrysene-d12	13.957	240	83363	20.00	ng	# 0.00
86) Perylene-d12	15.409	264	81876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	237581	108.09	ng	0.00
7) Phenol-d6	6.433	99	269051	91.07	ng	-0.01
23) Nitrobenzene-d5	7.351	82	242879	77.69	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	113159	108.15	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	467726	79.69	ng	0.00
79) Terphenyl-d14	12.898	244	483442	79.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	34327	16.46	ng	# 62
25) Isophorone	7.351	82	242879	43.11	ng	# 69
50) Dimethylphthalate	9.822	163	14974	2.45	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9642	6.88	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9642	5.22	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	7504	4.01	ng	# 1
77) Benzidine	12.898	184	9038	8.32	ng	# 88

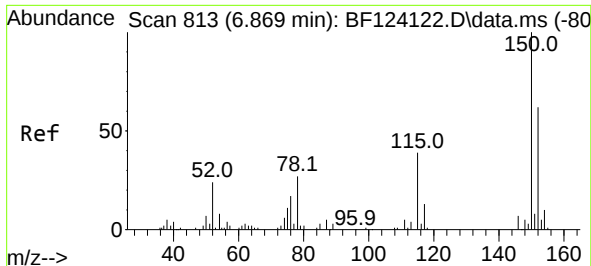
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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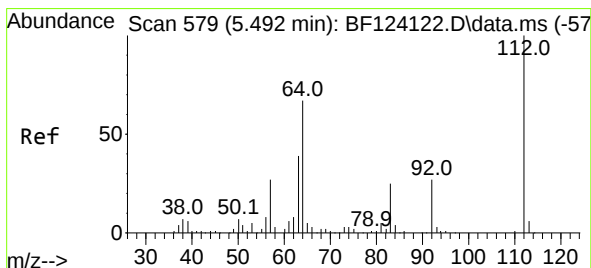
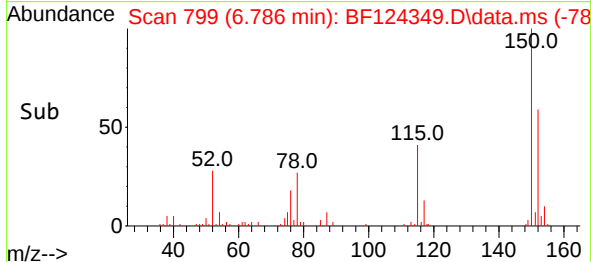
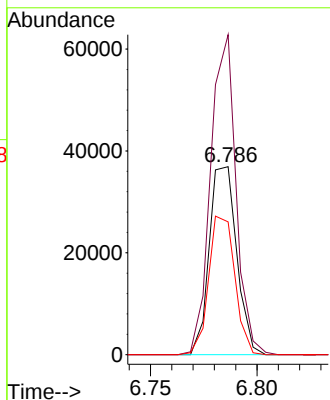
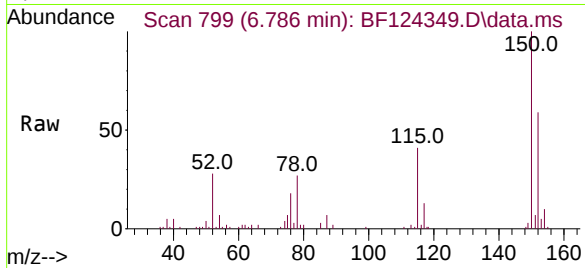




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

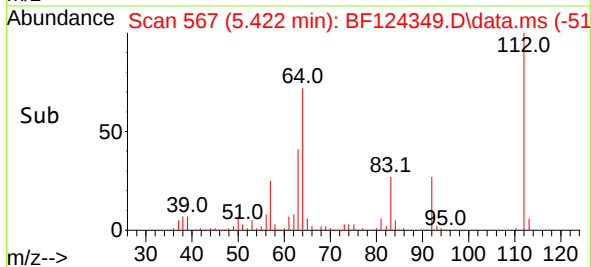
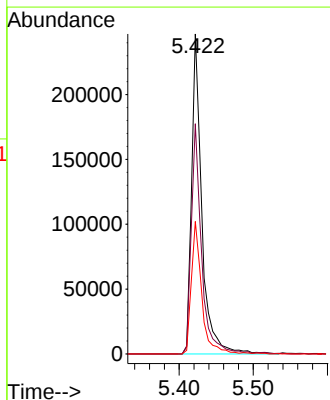
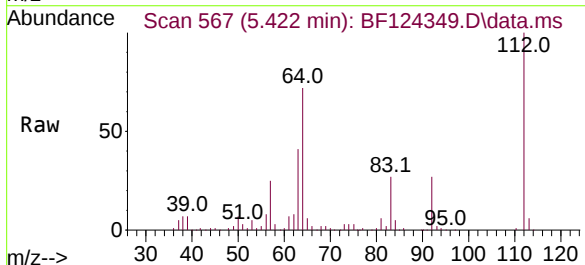
Instrument :
BNA_F
ClientSampled :
17-B6(72-76)

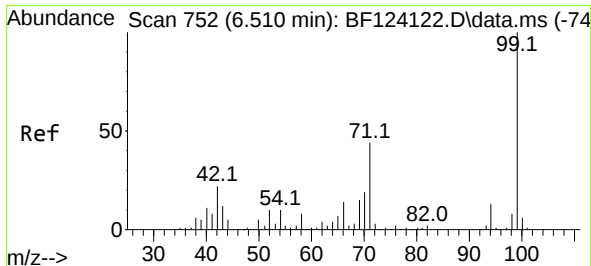
Tgt Ion:152 Resp: 33087
Ion Ratio Lower Upper
152 100
150 170.2 127.0 190.6
115 70.6 54.3 81.5



#5
2-Fluorophenol
Concen: 108.09 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Tgt Ion:112 Resp: 237581
Ion Ratio Lower Upper
112 100
64 71.9 61.4 92.0
63 41.4 33.0 49.4

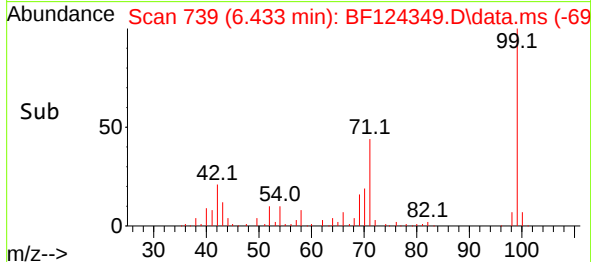
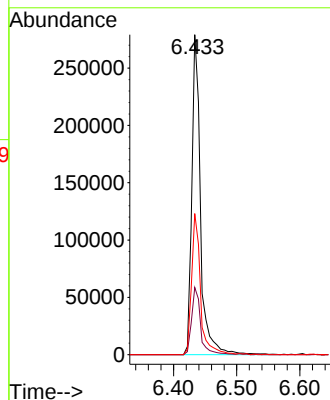
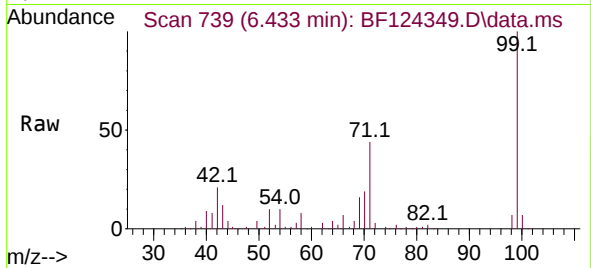




#7
Phenol-d6
Concen: 91.07 ng
RT: 6.433 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

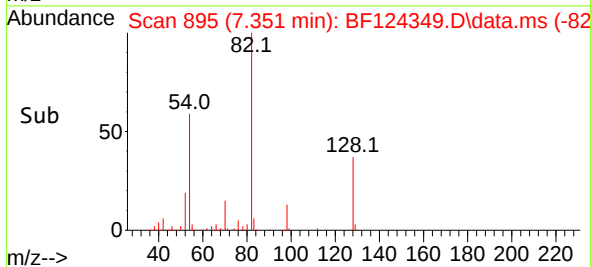
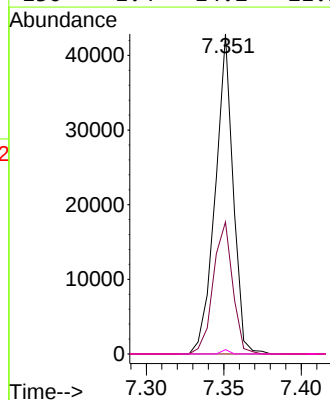
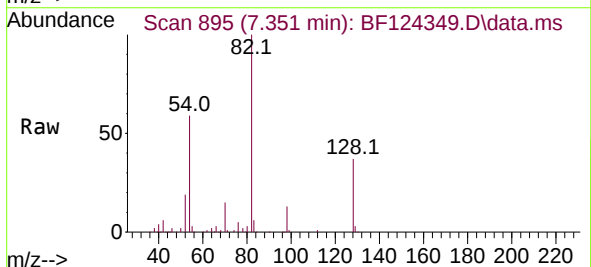
Instrument :
BNA_F
ClientSampleId :
17-B6(72-76)

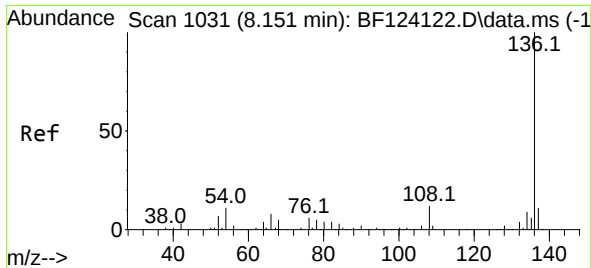
Tgt Ion: 99 Resp: 269051
Ion Ratio Lower Upper
99 100
42 21.0 19.8 29.8
71 44.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

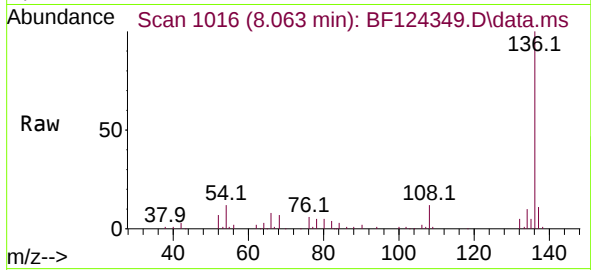
Tgt Ion: 70 Resp: 34327
Ion Ratio Lower Upper
70 100
42 41.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



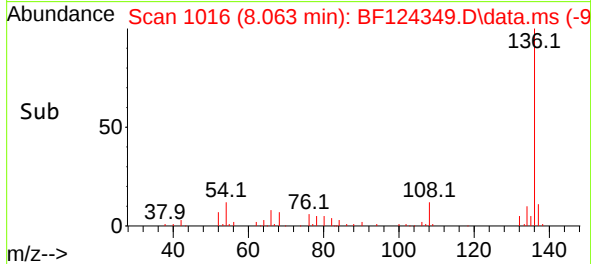
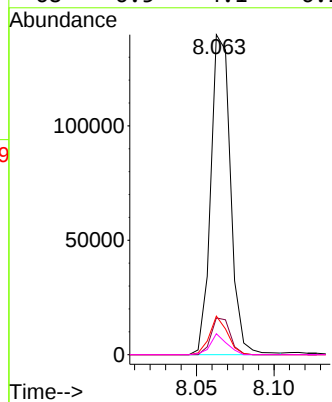


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Instrument :
BNA_F
ClientSampleId :
17-B6(72-76)

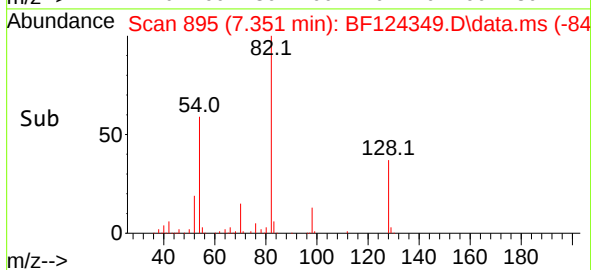
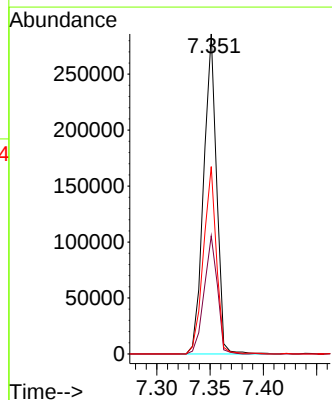
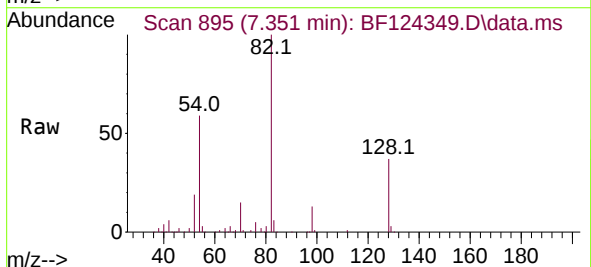


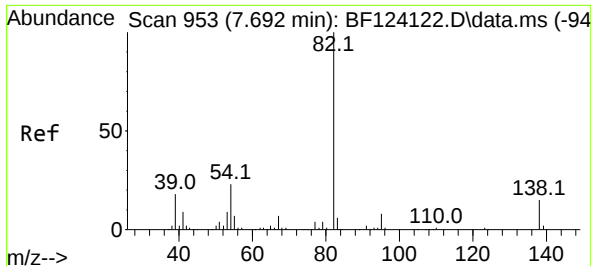
Tgt Ion:136 Resp: 123990
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 12.1 9.8 14.6
68 6.5 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 77.69 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Tgt Ion: 82 Resp: 242879
Ion Ratio Lower Upper
82 100
128 36.9 29.4 44.2
54 58.6 54.1 81.1

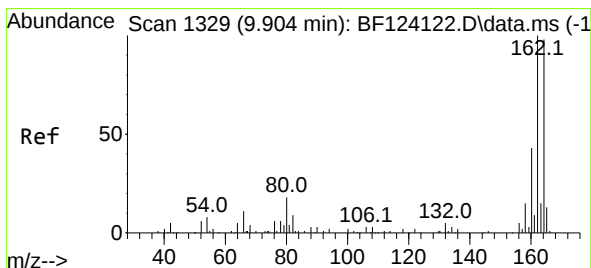
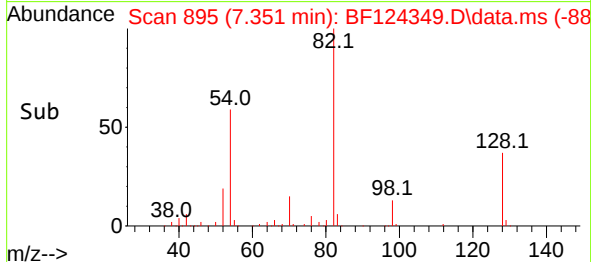
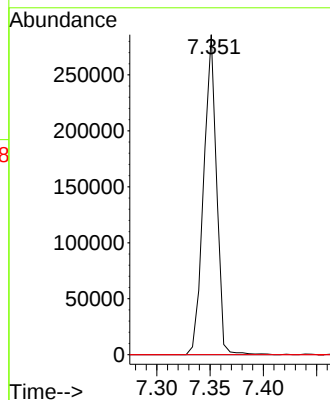
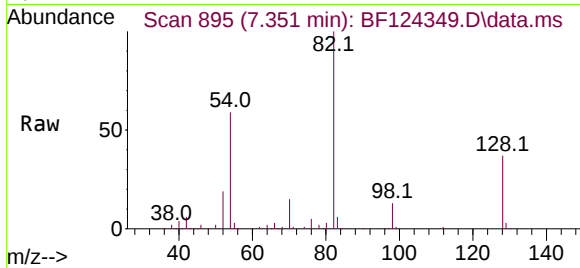




#25
Isophorone
Concen: 43.11 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

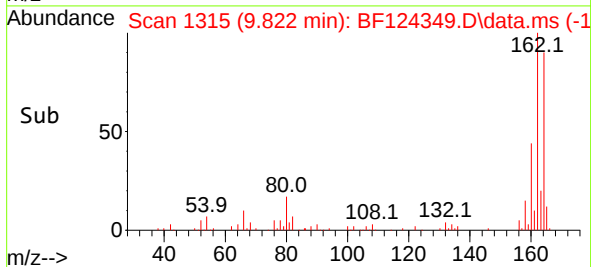
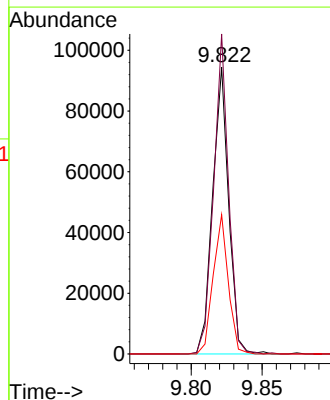
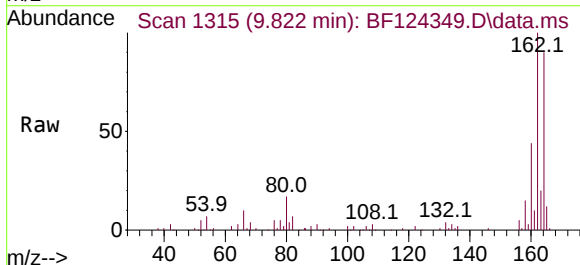
Instrument :
BNA_F
ClientSampleId :
17-B6(72-76)

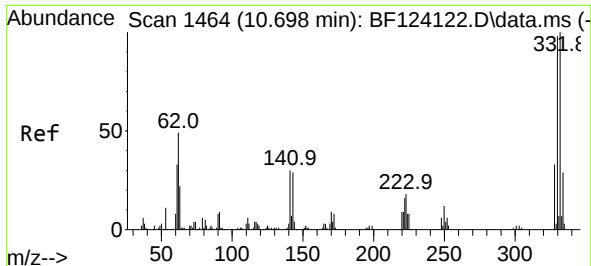
Tgt Ion: 82 Resp: 242879
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Tgt Ion: 164 Resp: 73856
Ion Ratio Lower Upper
164 100
162 111.5 80.7 121.1
160 48.5 37.3 55.9

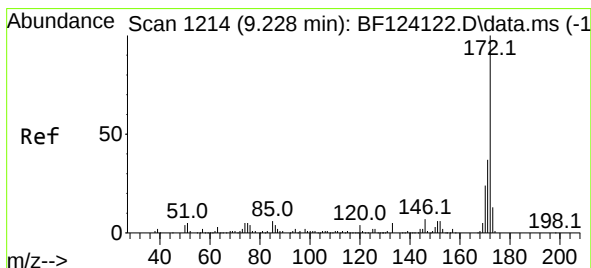
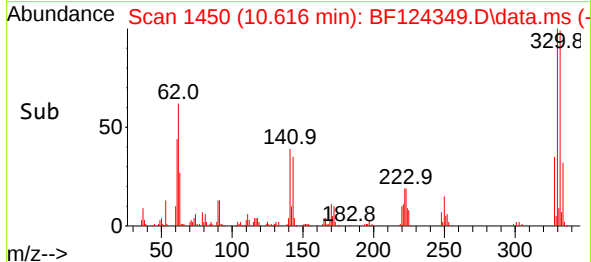
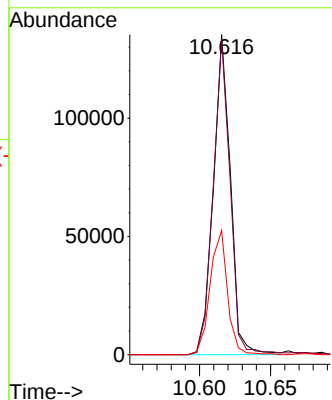
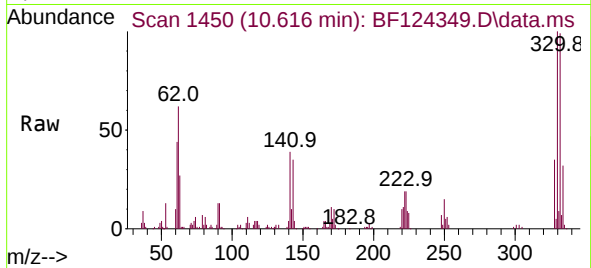




#42
2,4,6-Tribromophenol
Concen: 108.15 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

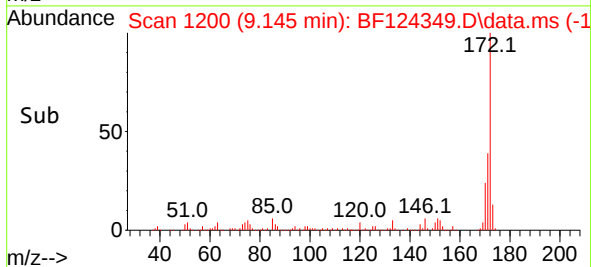
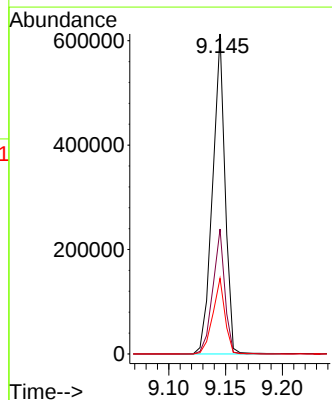
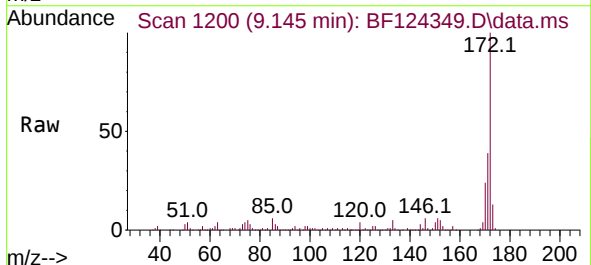
Instrument :
BNA_F
ClientSampleId :
17-B6(72-76)

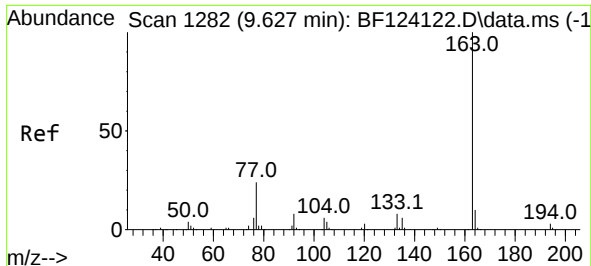
Tgt Ion: 330 Resp: 113159
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 39.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 79.69 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Tgt Ion: 172 Resp: 467726
Ion Ratio Lower Upper
172 100
171 39.1 28.1 42.1
170 23.6 19.2 28.8

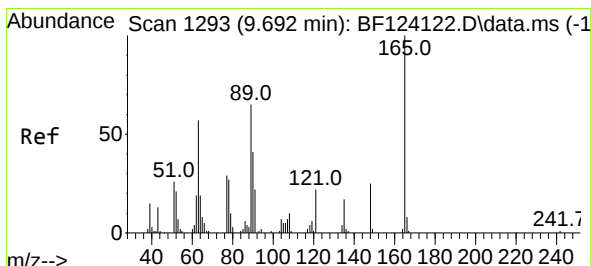
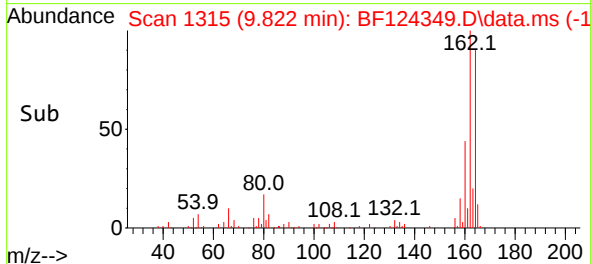
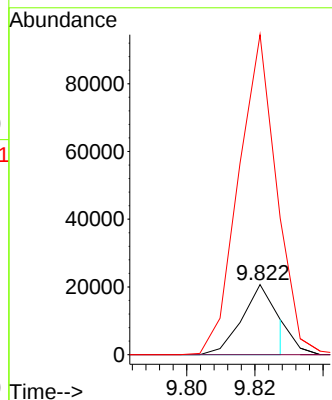
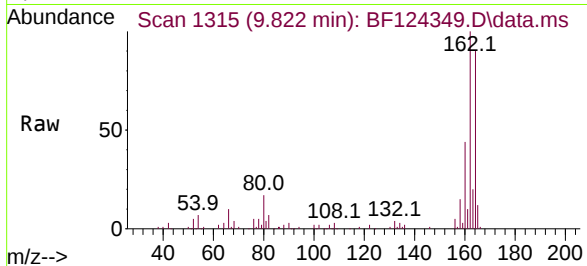




#50
Dimethylphthalate
Concen: 2.45 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

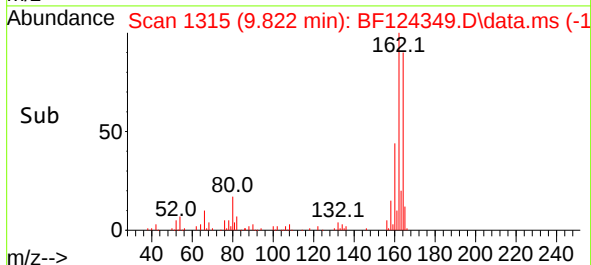
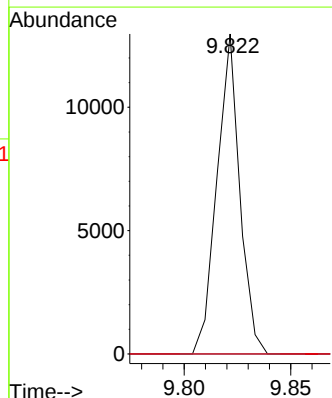
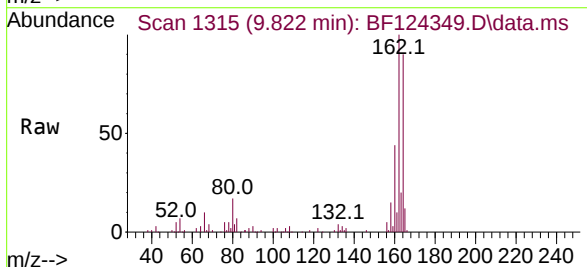
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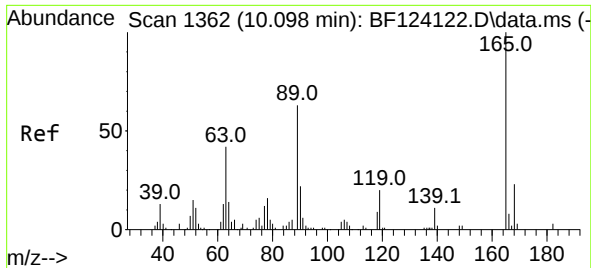
Tgt Ion:163 Resp: 14974
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 456.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.88 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

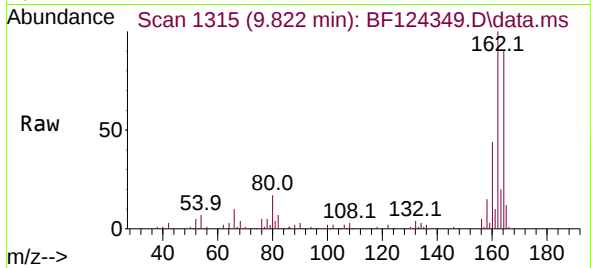
Tgt Ion:165 Resp: 9642
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



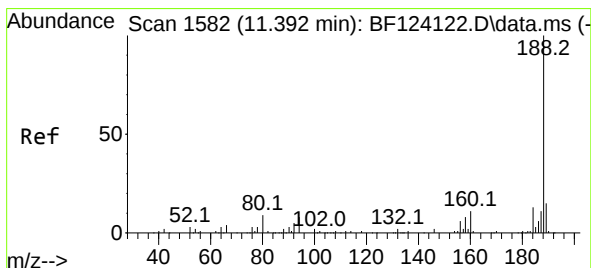
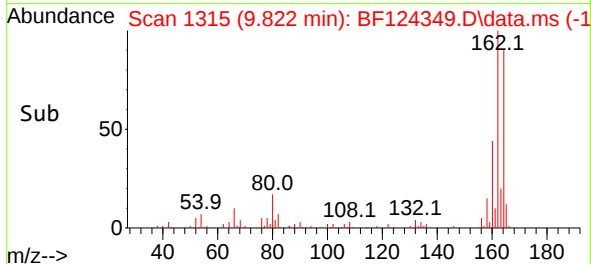
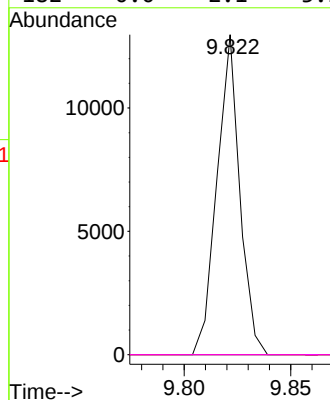


#57
2,4-Dinitrotoluene
Concen: 5.22 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Instrument :
BNA_F
ClientSampleId :
17-B6(72-76)

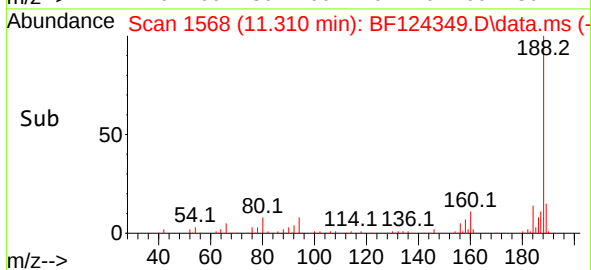
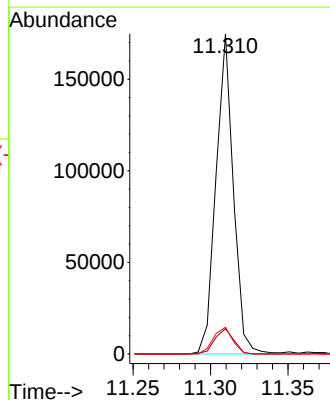
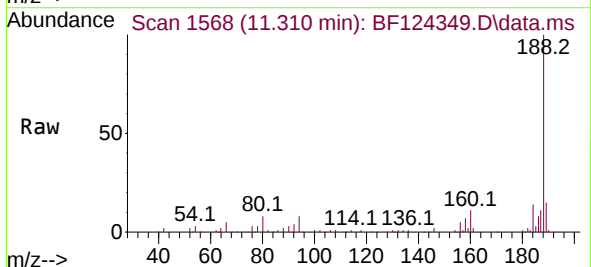


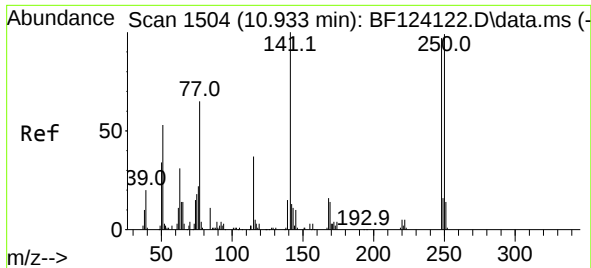
Tgt Ion:165 Resp: 9642
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Tgt Ion:188 Resp: 136311
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.3 8.2 12.2

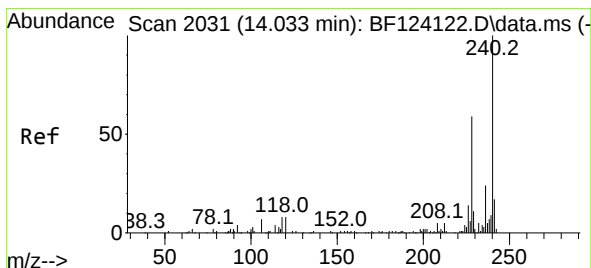
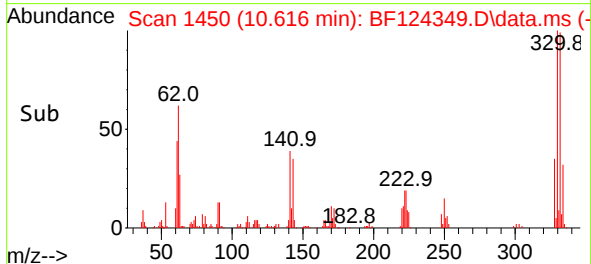
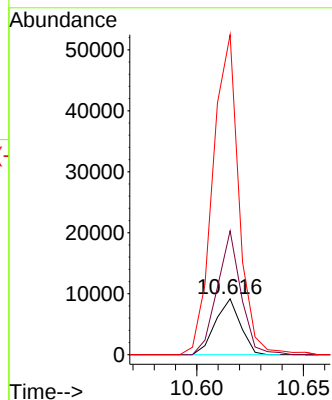
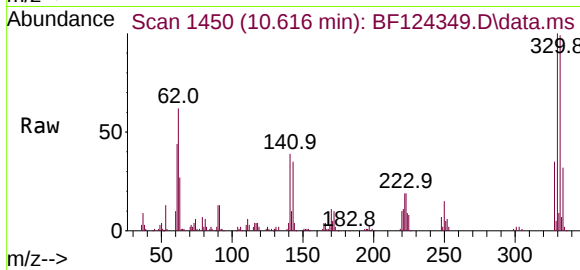




#67
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

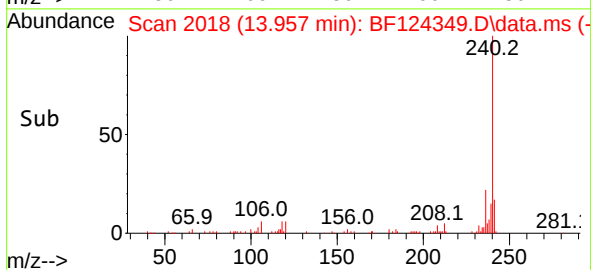
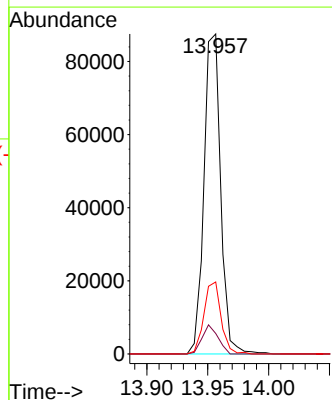
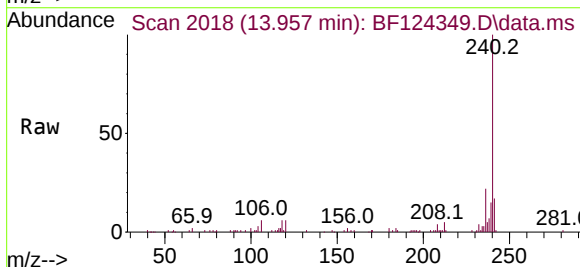
Instrument :
BNA_F
ClientSampleId :
17-B6(72-76)

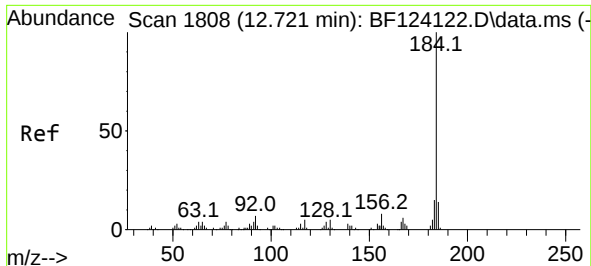
Tgt Ion:248 Resp: 7504
Ion Ratio Lower Upper
248 100
250 221.9 77.4 116.2#
141 573.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Tgt Ion:240 Resp: 83363
Ion Ratio Lower Upper
240 100
120 6.4 7.2 10.8#
236 22.5 19.0 28.4

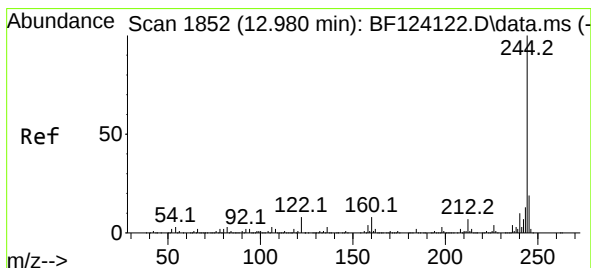
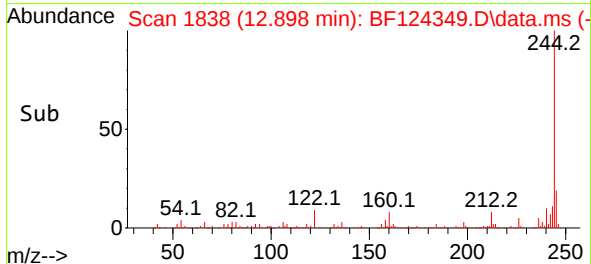
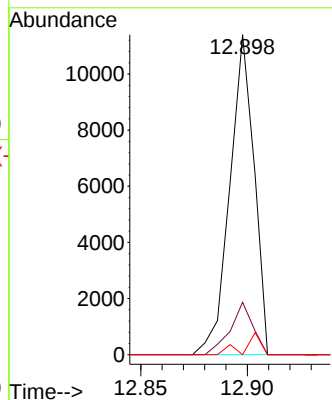
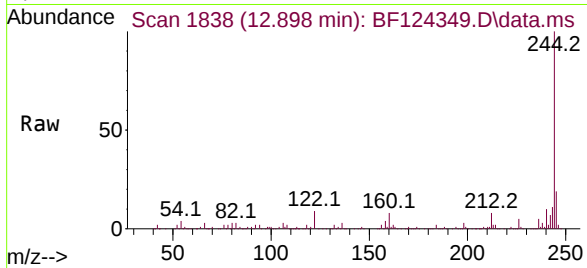




#77
Benzidine
Concen: 8.32 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

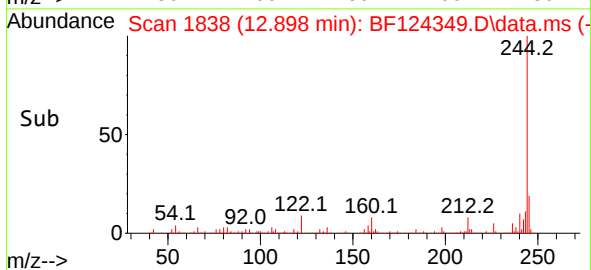
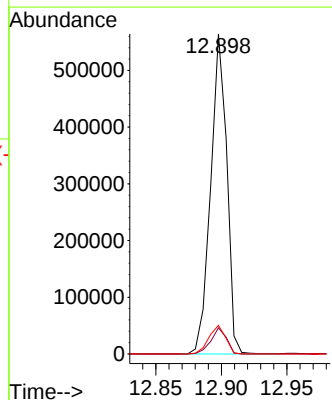
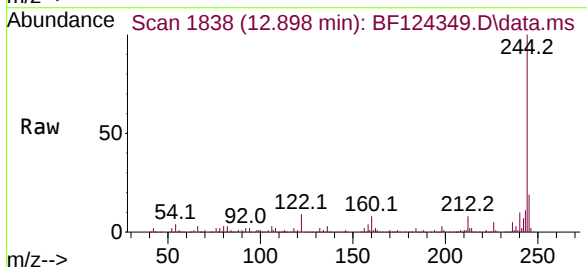
Instrument :
BNA_F
ClientSampleId :
17-B6(72-76)

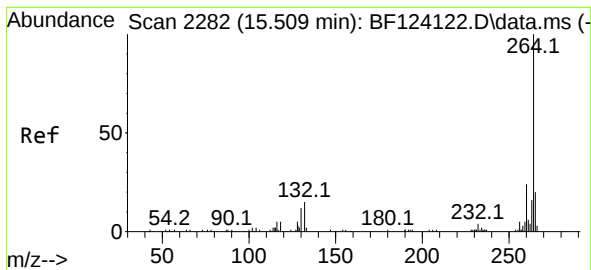
Tgt Ion:184 Resp: 9038
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 79.62 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124349.D
Acq: 16 Jun 2021 19:09

Tgt Ion:244 Resp: 483442
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 9.0 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: BF124349.D
 Acq: 16 Jun 2021 19:09

Instrument :
 BNA_F
 ClientSampleId :
 17-B6(72-76)

Tgt Ion:264 Resp: 81876
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.7 28.1
 265 22.1 17.8 26.8

