

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124374.D
 Acq On : 18 Jun 2021 15:11
 Operator : JU/CG
 Sample : PB137196BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137196BL

Quant Time: Jun 18 15:36:54 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)

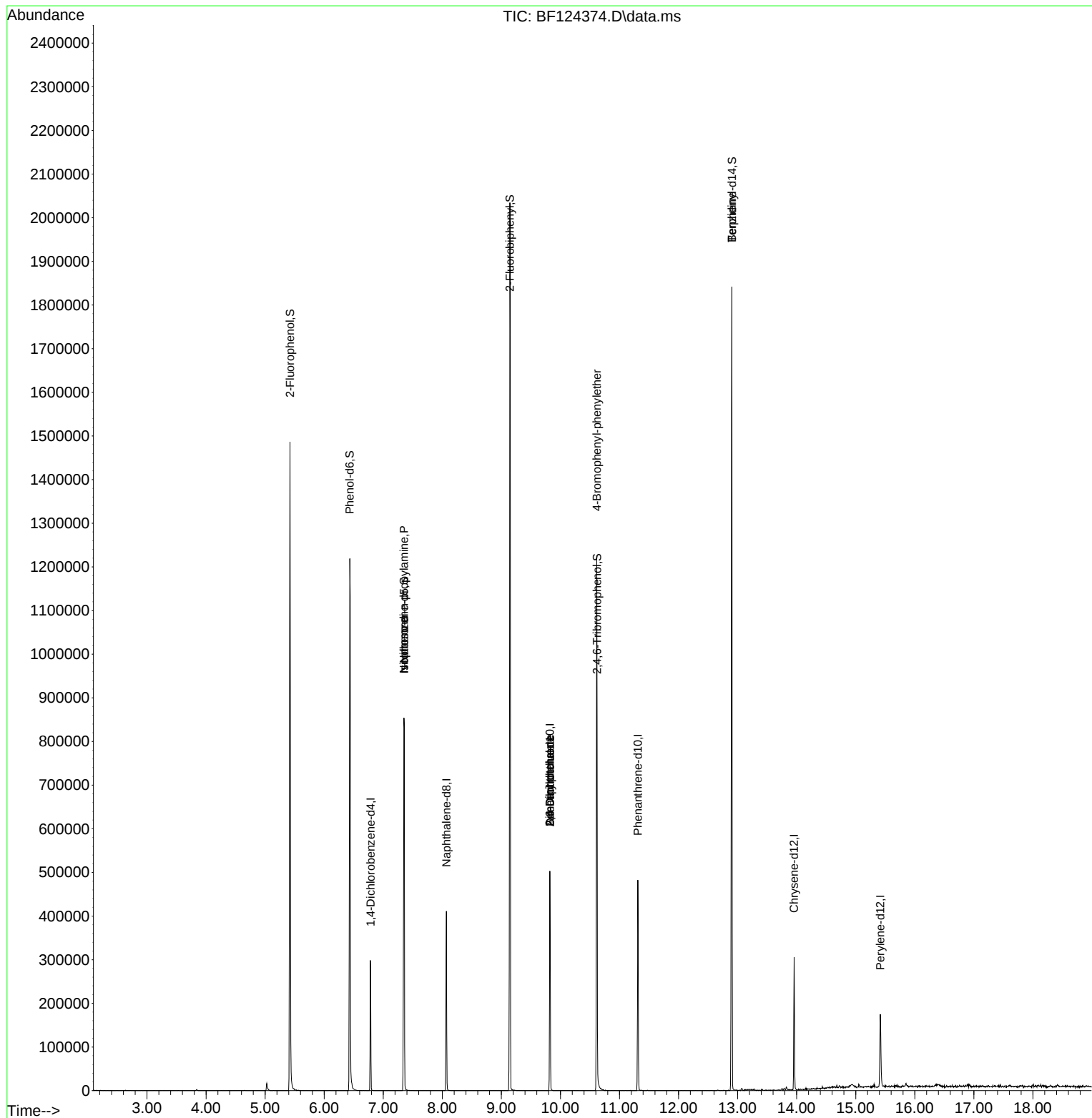
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	41202	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	158785	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	94740	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	163982	20.000	ng	0.00
76) Chrysene-d12	13.957	240	94857	20.000	ng	0.00
86) Perylene-d12	15.415	264	75575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	332891	121.624	ng	0.00
7) Phenol-d6	6.434	99	414290	112.609	ng	-0.01
23) Nitrobenzene-d5	7.351	82	308894	77.156	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	135327	100.822	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	608110	80.771	ng	0.00
79) Terphenyl-d14	12.904	244	575225	83.258	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	45432	17.493	ng	# 63
25) Isophorone	7.351	82	308891	42.816	ng	# 69
50) Dimethylphthalate	9.822	163	16484	2.103	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	11394	6.340	ng	# 12
57) 2,4-Dinitrotoluene	9.822	165	11394	4.807	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	8596	3.819	ng	# 1
77) Benzidine	12.904	184	9898	8.159	ng	98

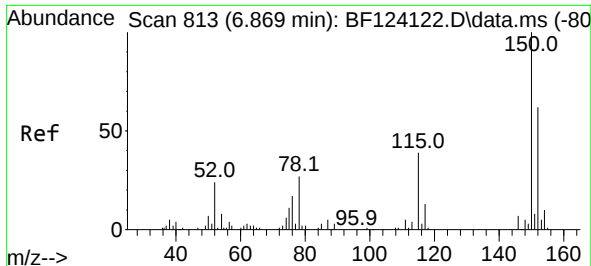
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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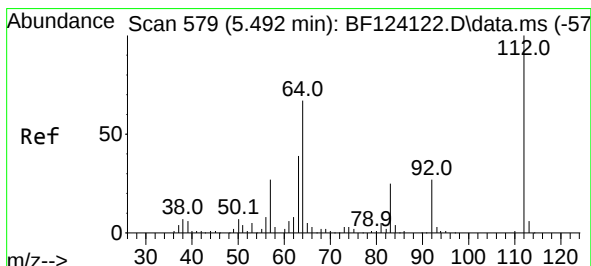
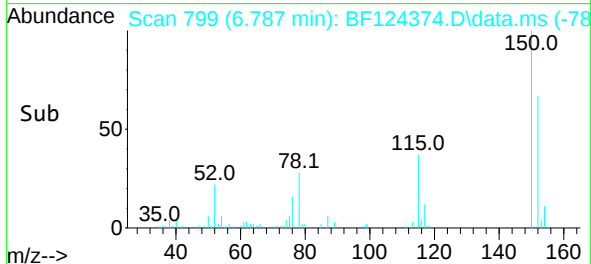
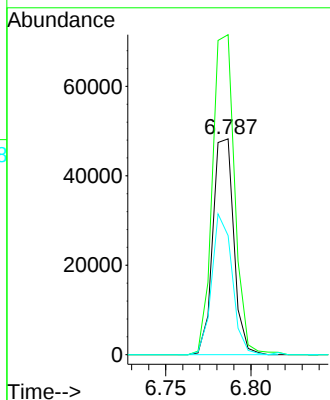
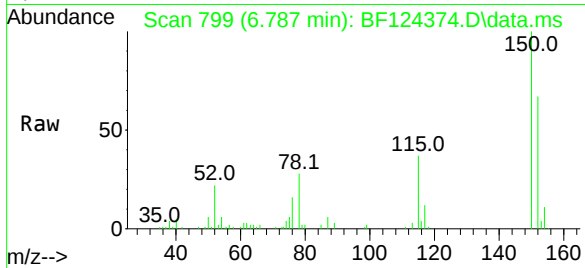




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

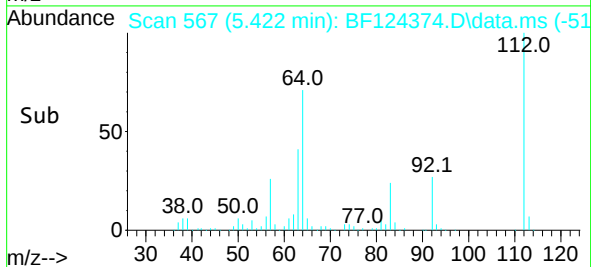
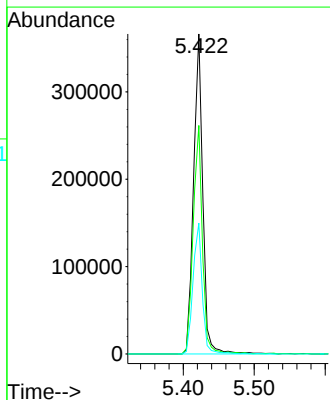
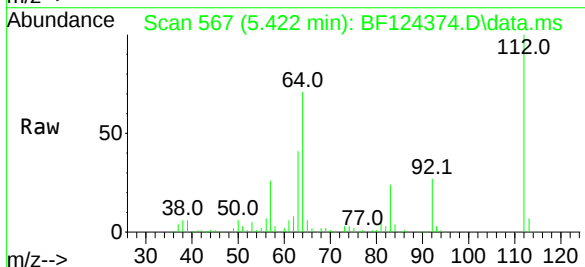
Instrument :
BNA_F
ClientSampleID :
PB137196BL

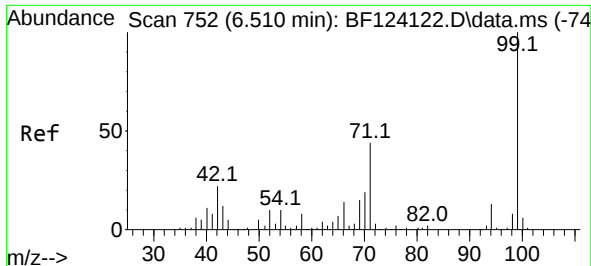
Tgt Ion:152 Resp: 41202
Ion Ratio Lower Upper
152 100
150 148.3 127.0 190.6
115 55.2 54.3 81.5



#5
2-Fluorophenol
Concen: 121.624 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

Tgt Ion:112 Resp: 332891
Ion Ratio Lower Upper
112 100
64 71.4 61.4 92.0
63 40.9 33.0 49.4

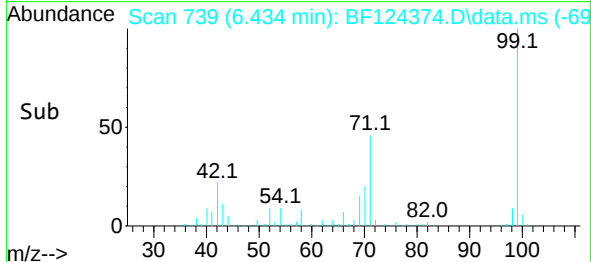
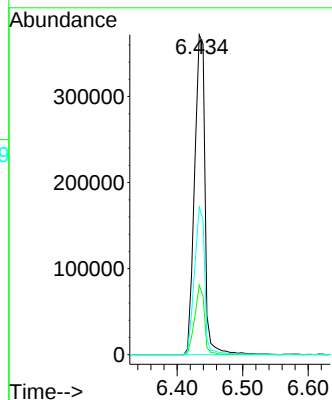
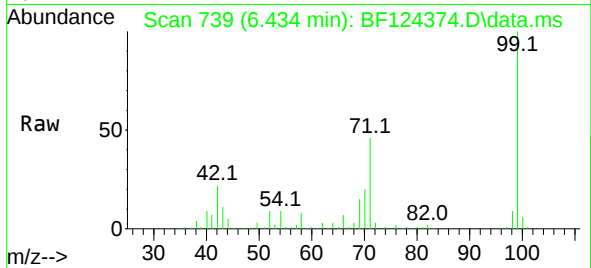




#7
Phenol-d6
Concen: 112.609 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

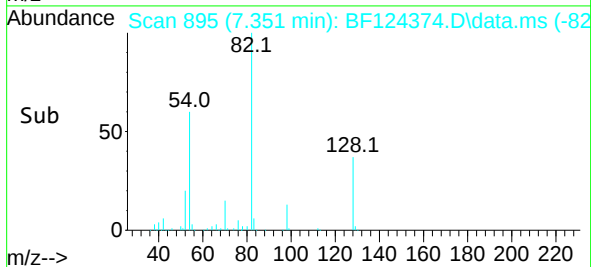
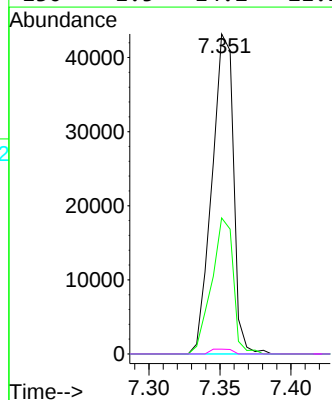
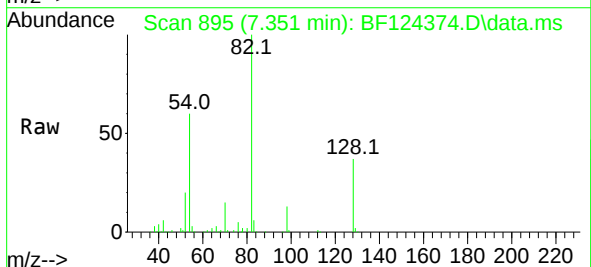
Instrument :
BNA_F
ClientSampleID :
PB137196BL

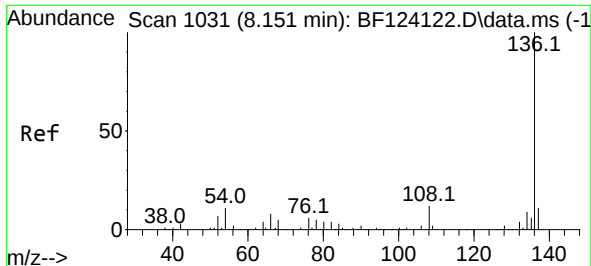
Tgt Ion: 99 Resp: 414290
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.8
71 46.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.493 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

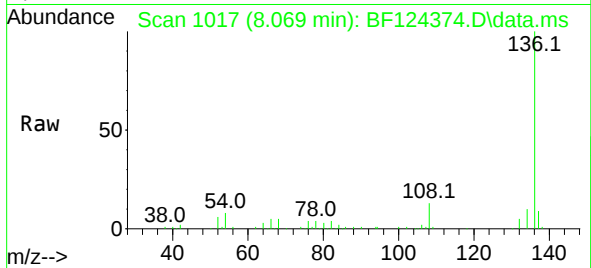
Tgt Ion: 70 Resp: 45432
Ion Ratio Lower Upper
70 100
42 42.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



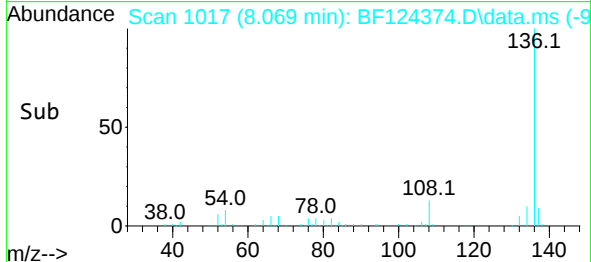
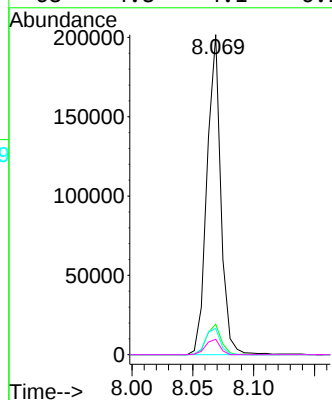


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

Instrument :
BNA_F
ClientSampleId :
PB137196BL

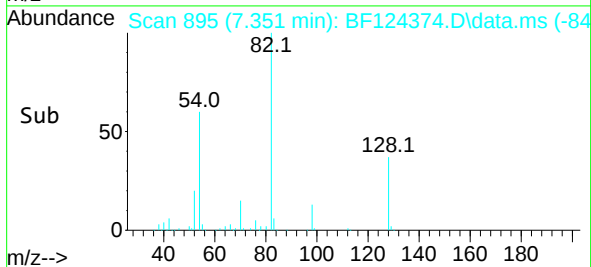
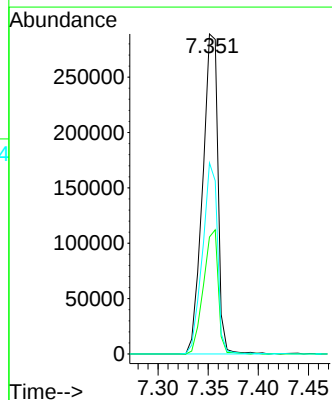
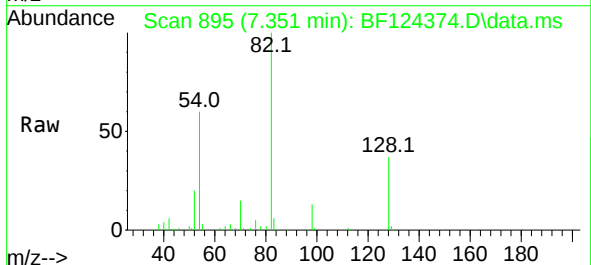


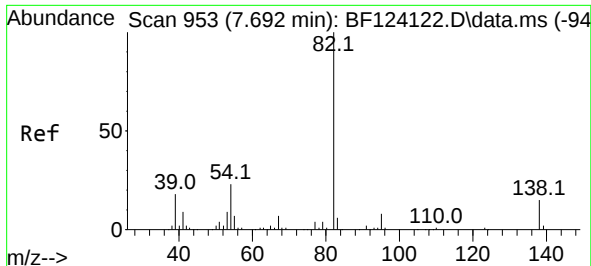
Tgt Ion:	136	Resp:	158785
Ion Ratio	Lower	Upper	
136	100		
137	9.5	8.7	13.1
54	8.2	9.8	14.6#
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 77.156 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

Tgt Ion:	82	Resp:	308894
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.4	44.2
54	59.7	54.1	81.1

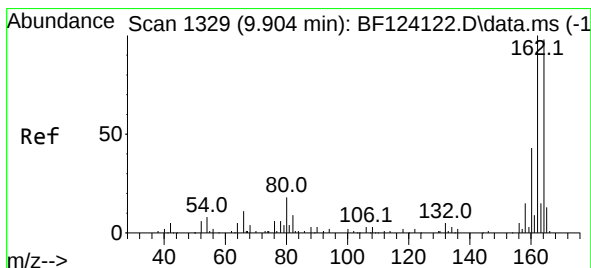
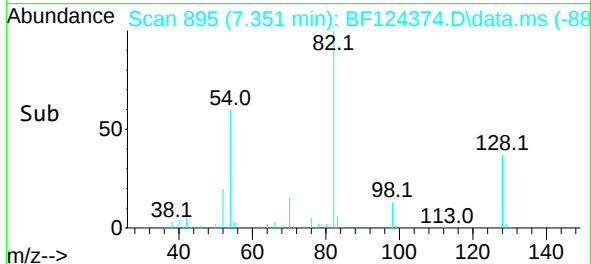
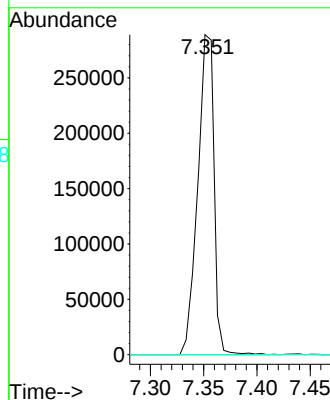
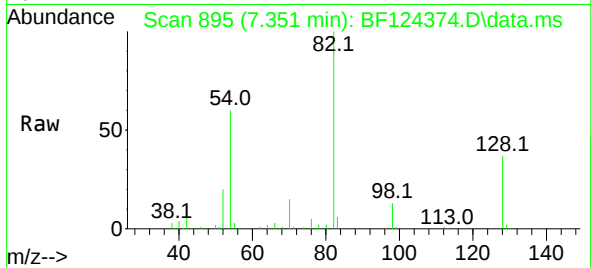




#25
Isophorone
Concen: 42.816 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

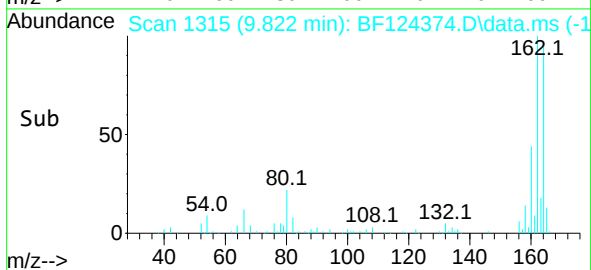
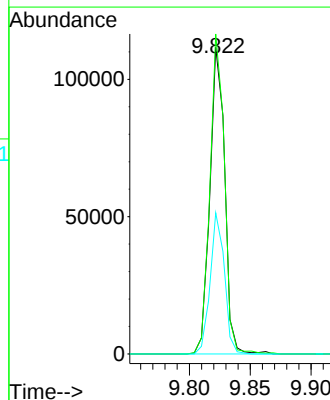
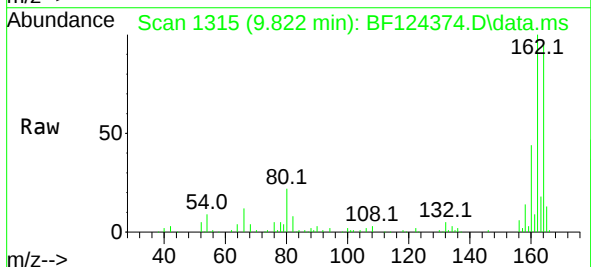
Instrument :
BNA_F
ClientSampleId :
PB137196BL

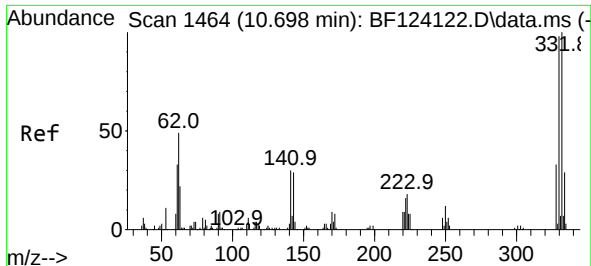
Tgt Ion: 82 Resp: 308891
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

Tgt Ion: 164 Resp: 94740
Ion Ratio Lower Upper
164 100
162 104.4 80.7 121.1
160 46.1 37.3 55.9

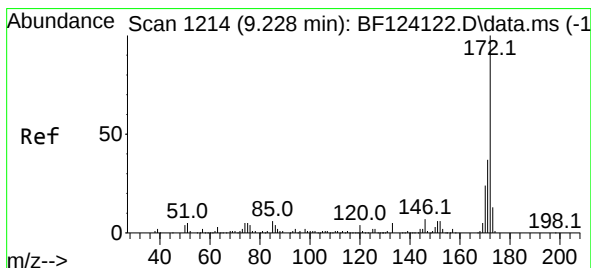
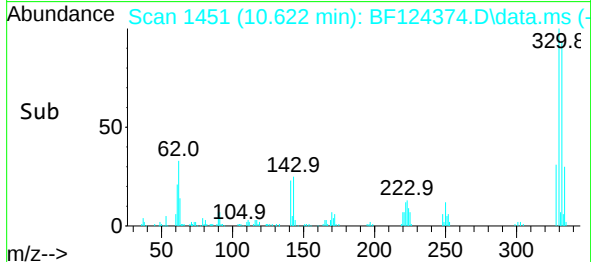
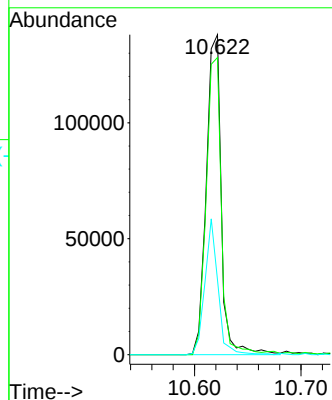
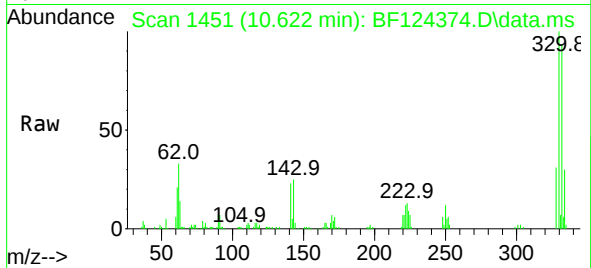




#42
2,4,6-Tribromophenol
Concen: 100.822 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

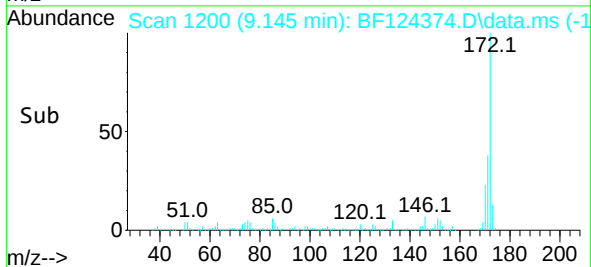
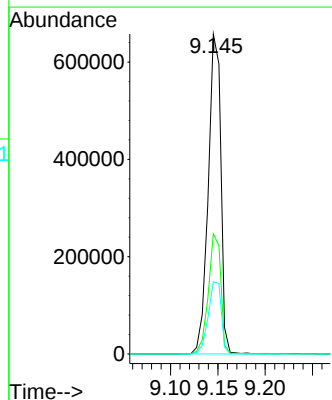
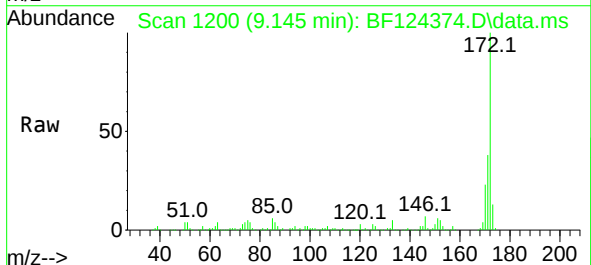
Instrument :
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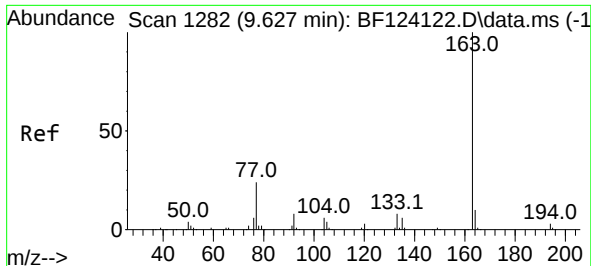
Tgt Ion: 330 Resp: 135327
Ion Ratio Lower Upper
330 100
332 93.4 77.1 115.7
141 37.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.771 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

Tgt Ion: 172 Resp: 608110
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 22.6 19.2 28.8

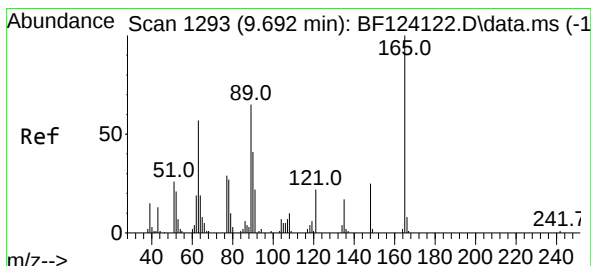
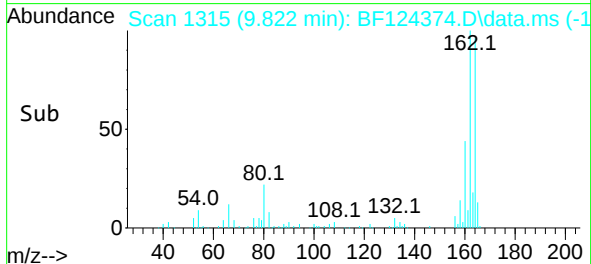
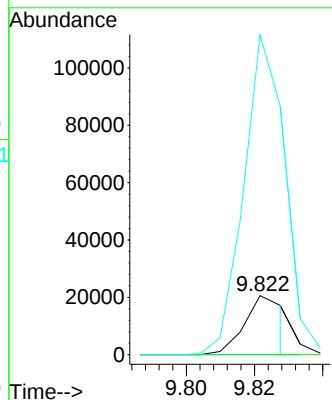
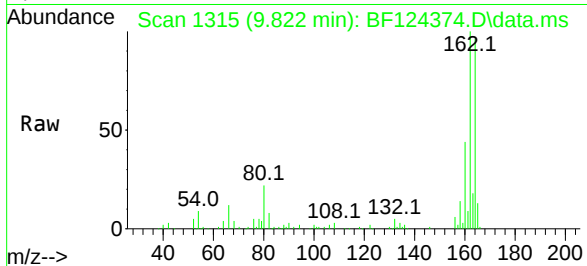




#50
Dimethylphthalate
Concen: 2.103 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

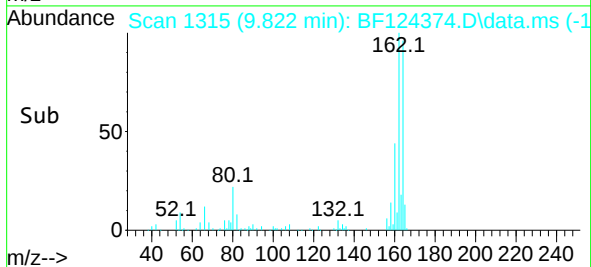
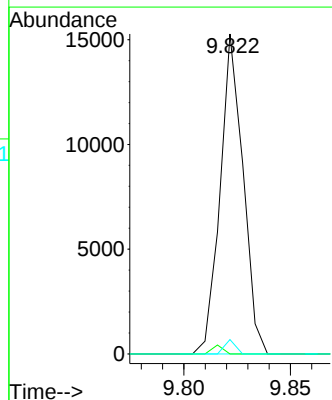
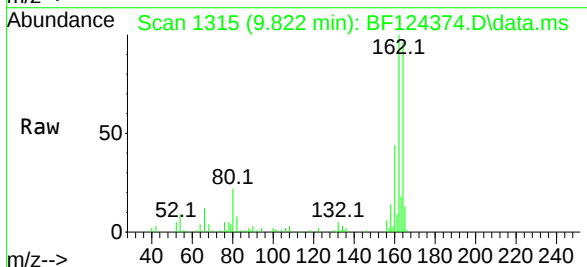
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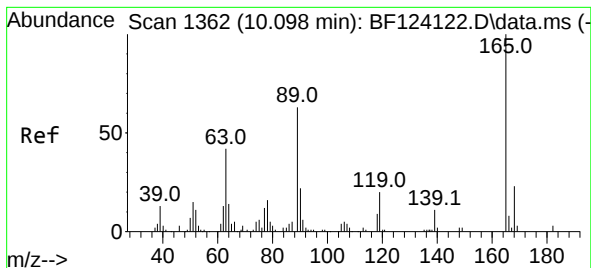
Tgt Ion:163 Resp: 16484
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 542.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.340 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

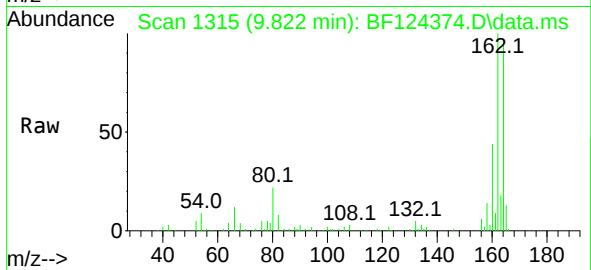
Tgt Ion:165 Resp: 11394
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 4.5 58.8 88.2#



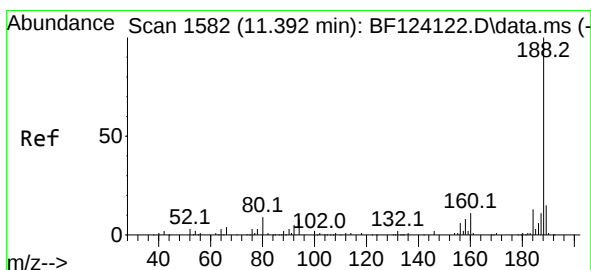
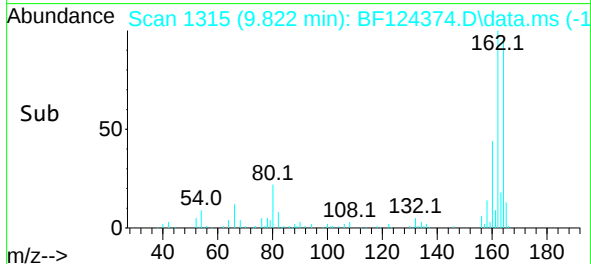
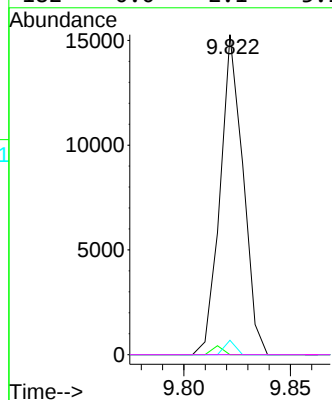


#57
2,4-Dinitrotoluene
Concen: 4.807 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

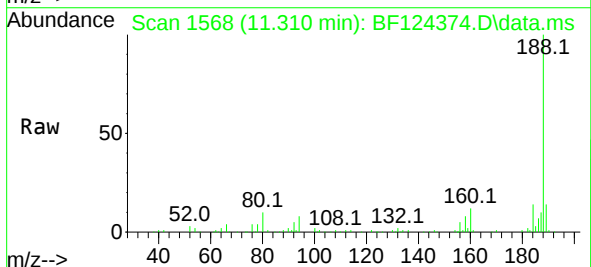
Instrument :
BNA_F
ClientSampleId :
PB137196BL



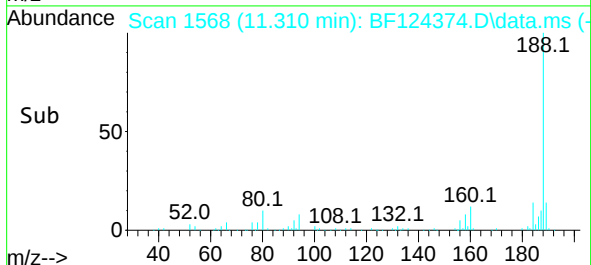
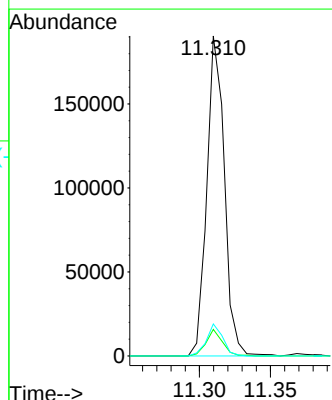
Tgt Ion:165 Resp: 11394
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 4.5 67.7 101.5#
182 0.0 2.1 3.1#

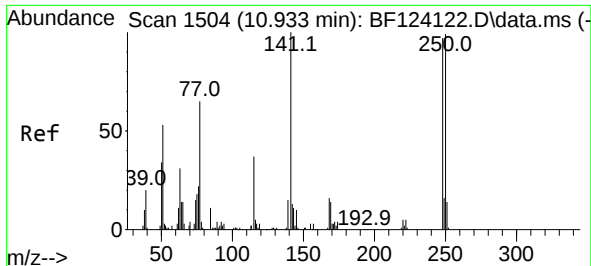


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11



Tgt Ion:188 Resp: 163982
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 10.0 8.2 12.2

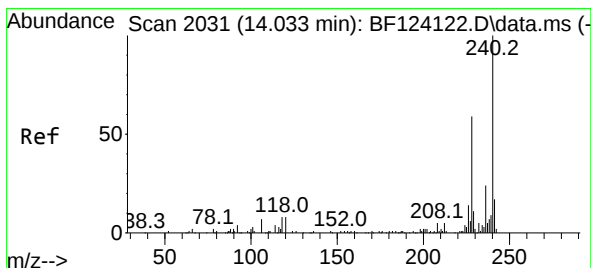
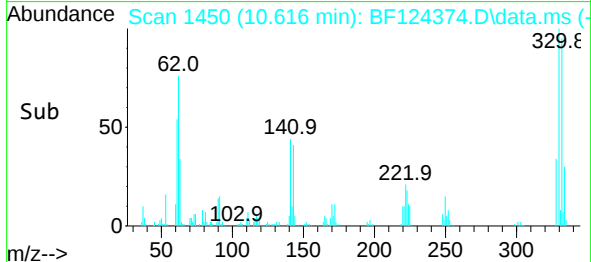
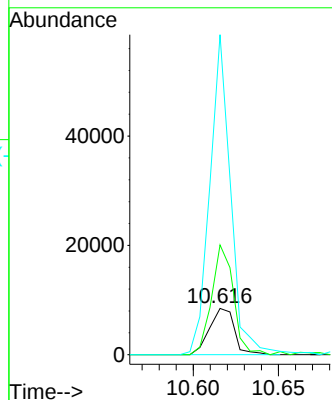
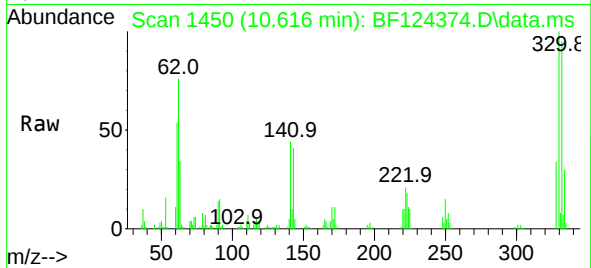




#67
4-Bromophenyl-phenylether
Concen: 3.819 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

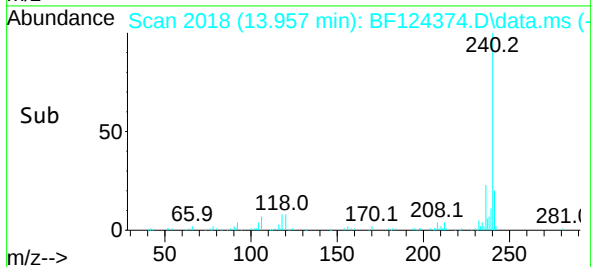
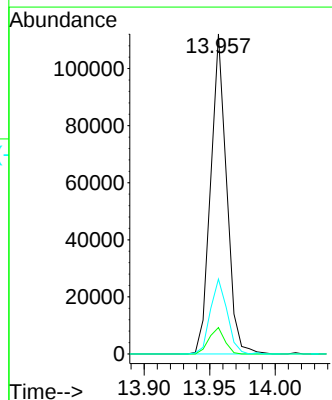
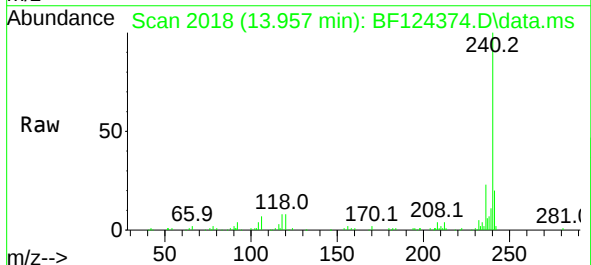
Instrument :
BNA_F
ClientSampleId :
PB137196BL

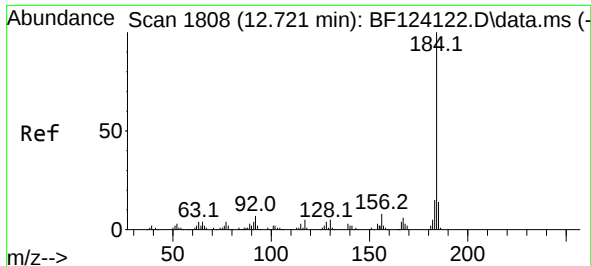
Tgt Ion:248 Resp: 8596
Ion Ratio Lower Upper
248 100
250 237.1 77.4 116.2#
141 691.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

Tgt Ion:240 Resp: 94857
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 23.4 19.0 28.4

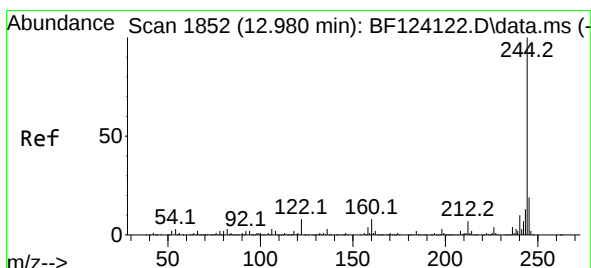
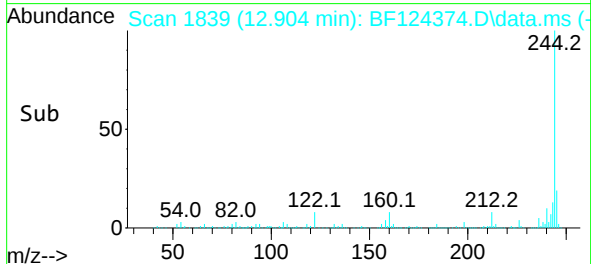
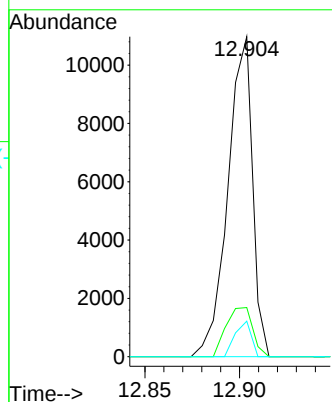
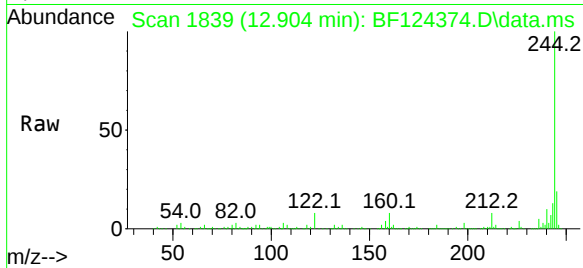




#77
Benzidine
Concen: 8.159 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.206 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

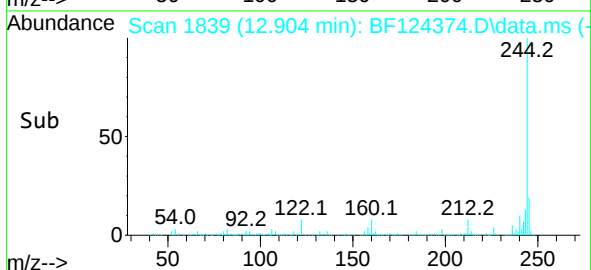
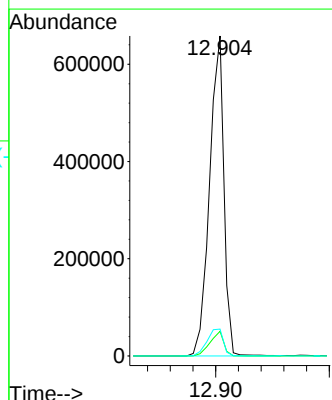
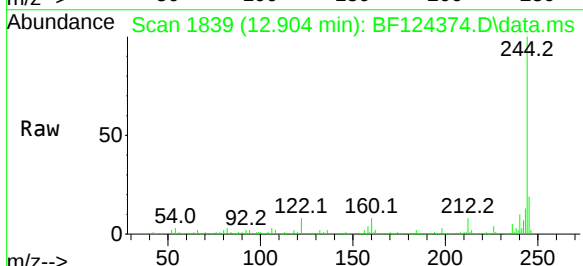
Instrument :
BNA_F
ClientSampleId :
PB137196BL

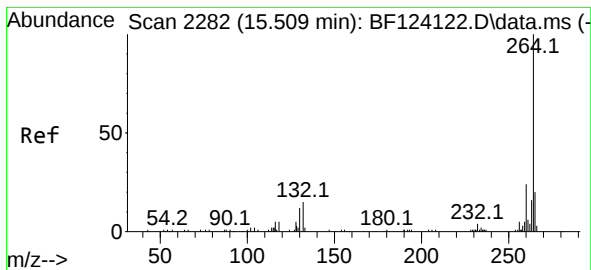
Tgt Ion:184 Resp: 9898
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 11.1 7.8 11.8



#79
Terphenyl-d14
Concen: 83.258 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124374.D
Acq: 18 Jun 2021 15:11

Tgt Ion:244 Resp: 575225
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.4 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: BF124374.D
Acq: 18 Jun 2021 15:11

Instrument :
BNA_F
ClientSampleId :
PB137196BL

Tgt Ion:264 Resp: 75575

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.7	17.8	26.8

