

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123786.D
 Acq On : 3 May 2021 19:12
 Operator : JU/CG
 Sample : PB136036BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136036BL

Quant Time: May 04 00:56:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

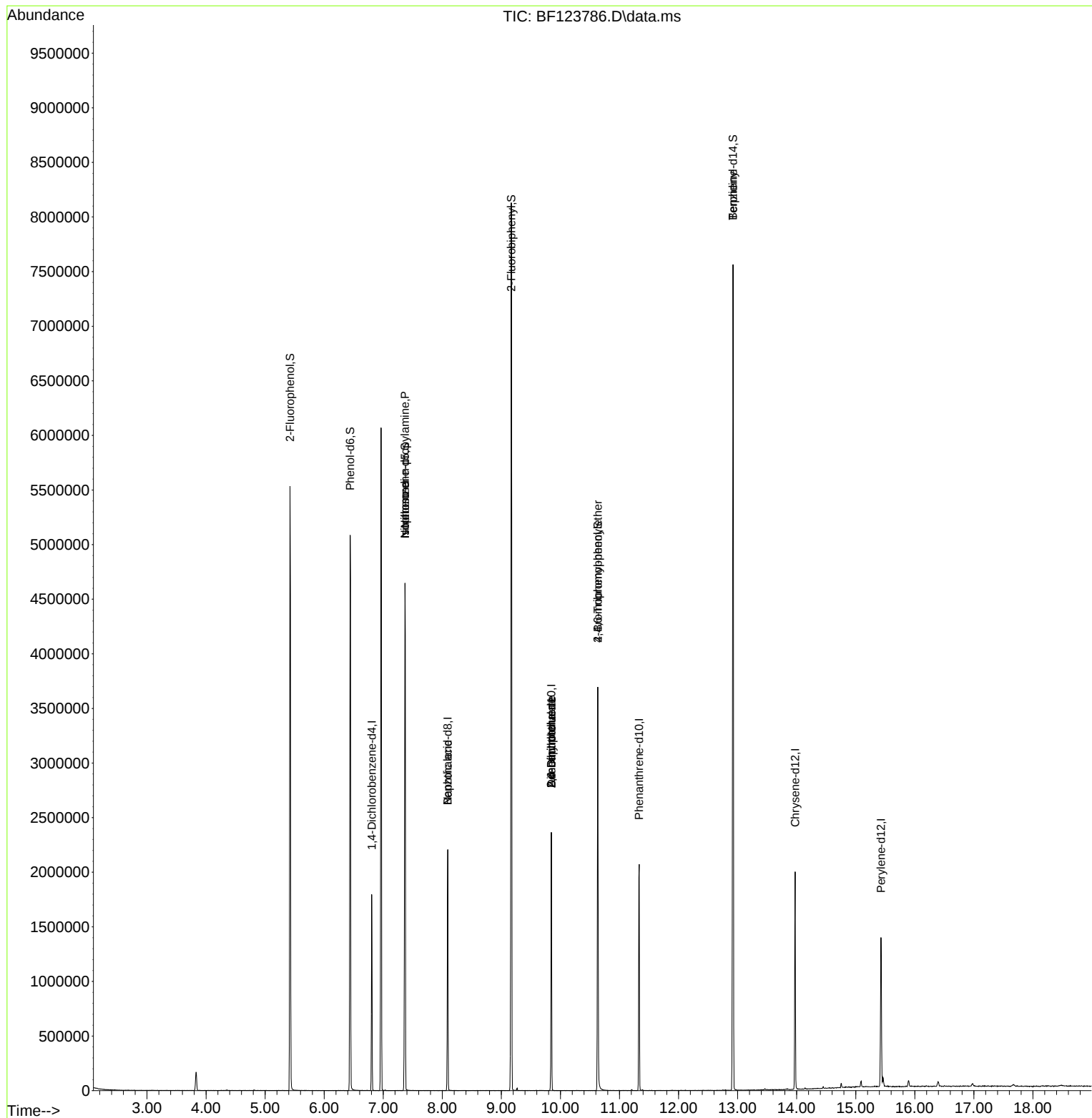
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	227298	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	840229	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	395430	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	749574	20.00	ng	0.00
76) Chrysene-d12	13.974	240	648154	20.00	ng	-0.01
86) Perylene-d12	15.427	264	591797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1227393	85.55	ng	0.00
7) Phenol-d6	6.439	99	1586621	80.28	ng	0.00
23) Nitrobenzene-d5	7.369	82	1551676	83.37	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	400558	81.37	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2284236	84.12	ng	0.00
79) Terphenyl-d14	12.921	244	2697722	80.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	209849	17.20	ng	# 77
25) Isophorone	7.369	82	1551652	44.46	ng	# 69
32) Benzoic acid	8.092	122	132	5.40	ng	# 1
50) Dimethylphthalate	9.845	163	85457	3.07	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	50687	7.87	ng	# 12
57) 2,4-Dinitrotoluene	9.845	165	50687	5.77	ng	# 17
67) 4-Bromophenyl-phenylether	10.633	248	22243	2.82	ng	# 1
77) Benzidine	12.921	184	34618	2.06	ng	# 94

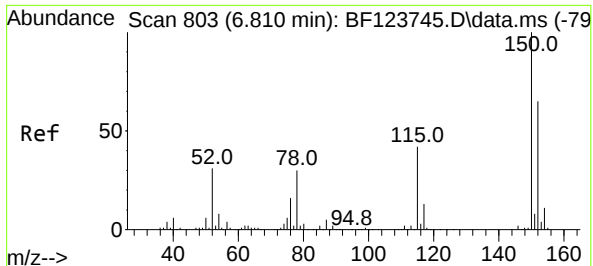
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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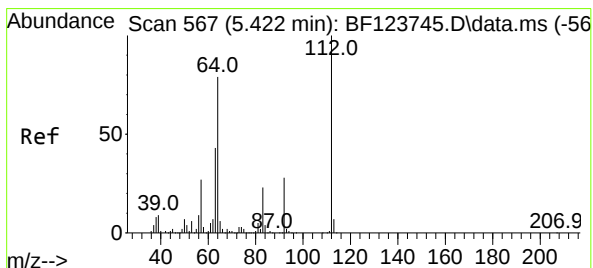
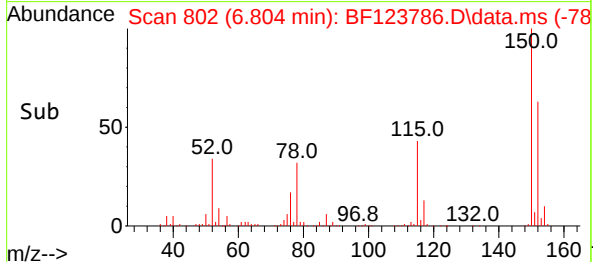
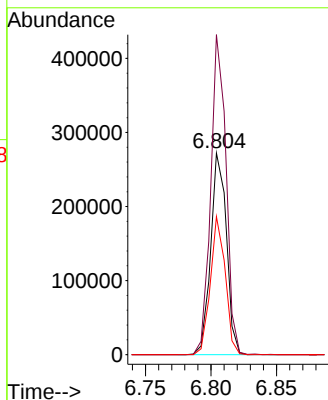
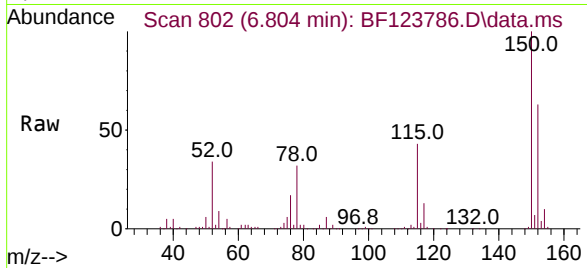




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

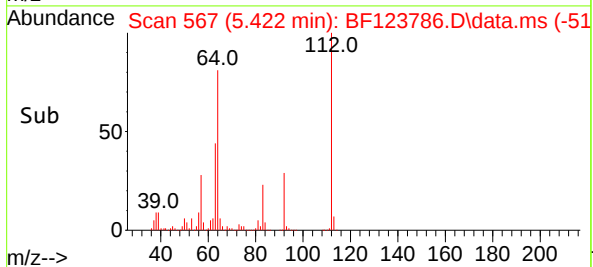
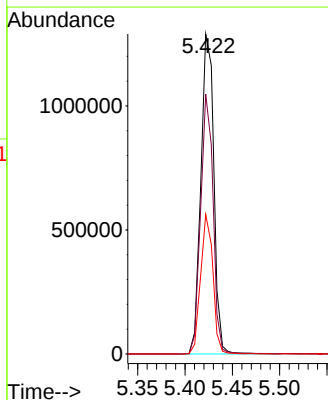
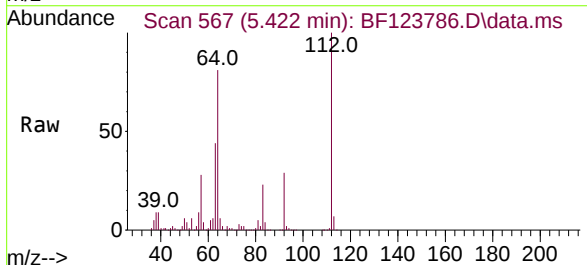
Instrument :
BNA_F
ClientSampleId :
PB136036BL

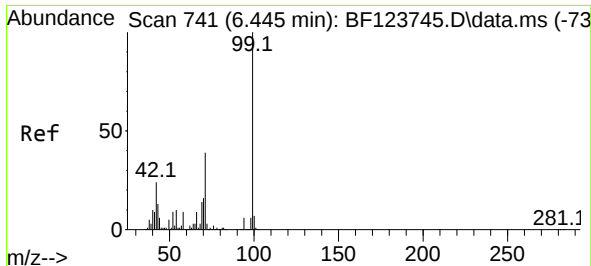
Tgt Ion:152 Resp: 227298
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 68.5 54.3 81.5



#5
2-Fluorophenol
Concen: 85.55 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion:112 Resp: 1227393
Ion Ratio Lower Upper
112 100
64 81.2 61.4 92.0
63 43.6 33.0 49.4

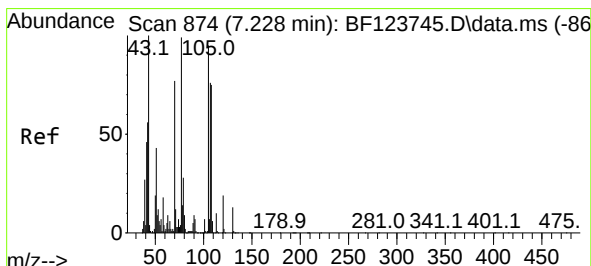
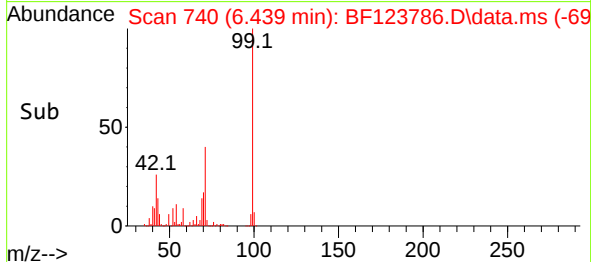
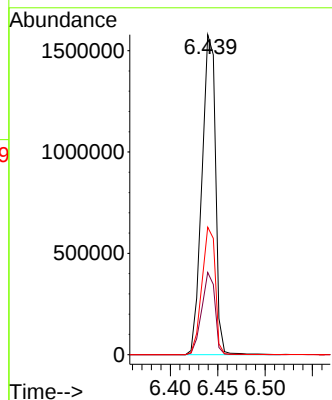
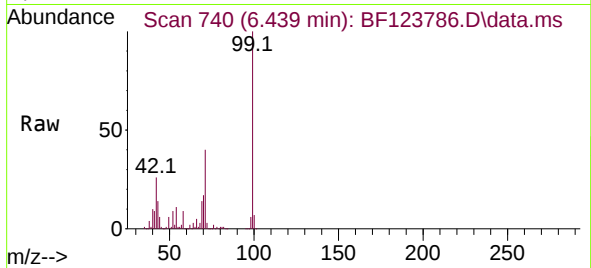




#7
Phenol-d6
Concen: 80.28 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

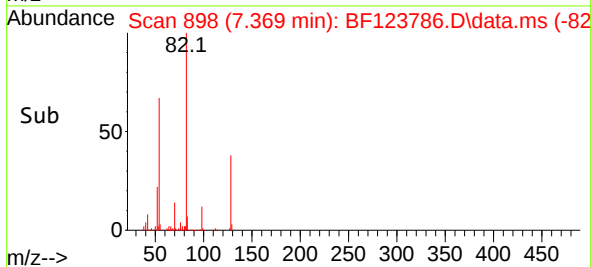
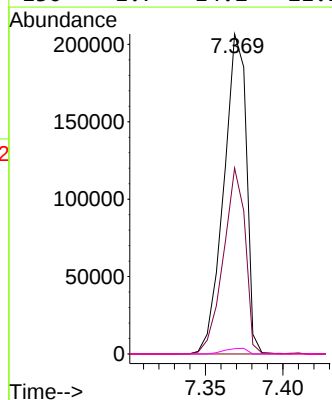
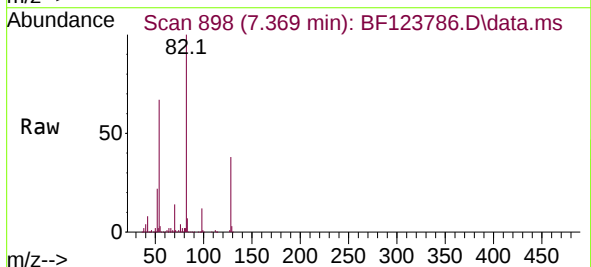
Instrument :
BNA_F
ClientSampleId :
PB136036BL

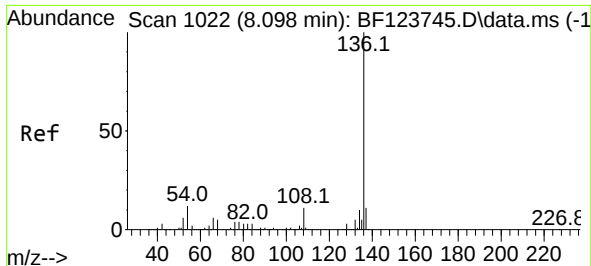
Tgt Ion: 99 Resp: 1586621
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 39.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.20 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion: 70 Resp: 209849
Ion Ratio Lower Upper
70 100
42 58.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



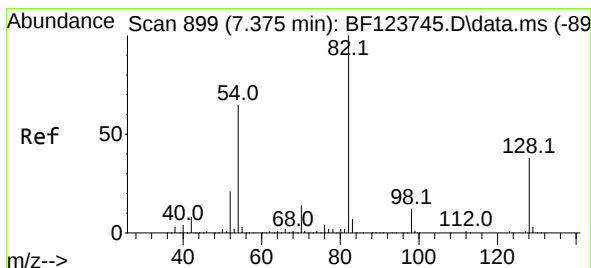
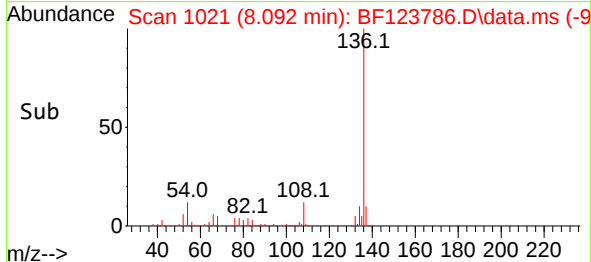
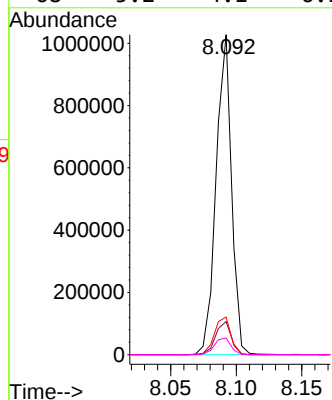
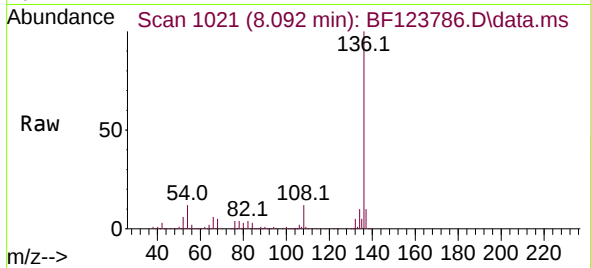


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Instrument :
BNA_F
ClientSampleId :
PB136036BL

Tgt Ion:136 Resp: 840229

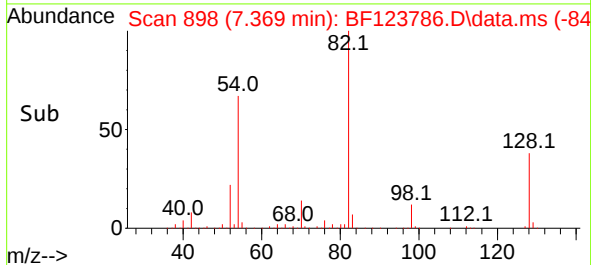
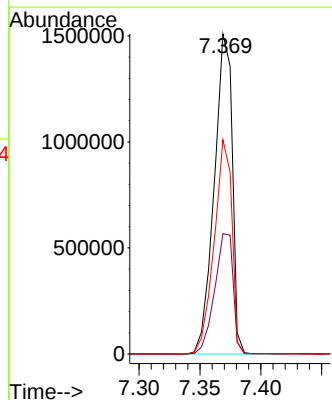
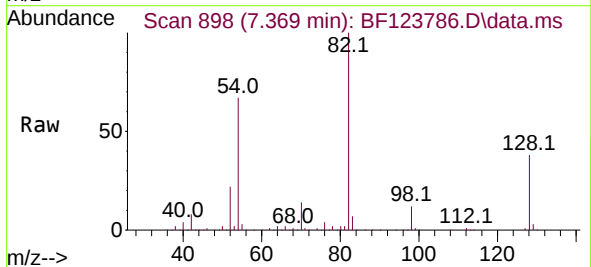
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	11.8	9.8	14.6
68	5.2	4.1	6.1

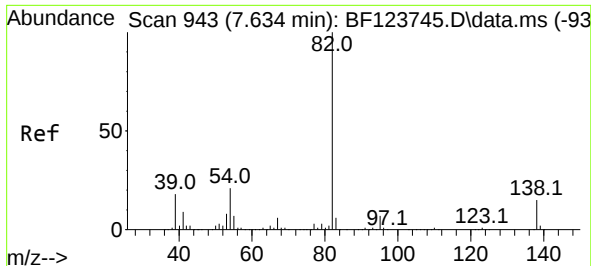


#23
Nitrobenzene-d5
Concen: 83.37 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion: 82 Resp: 1551676

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.4	44.2
54	67.0	54.1	81.1

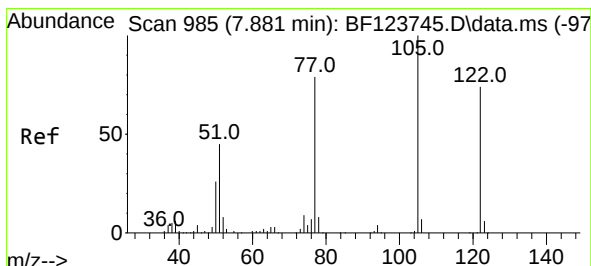
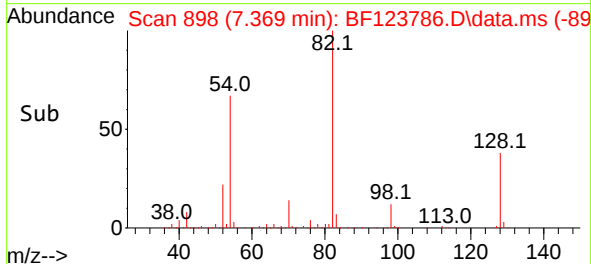
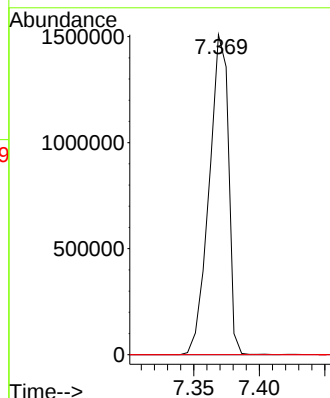
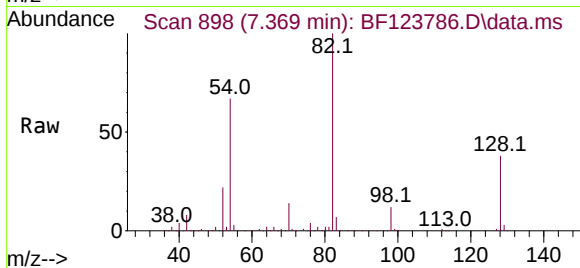




#25
Isophorone
Concen: 44.46 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

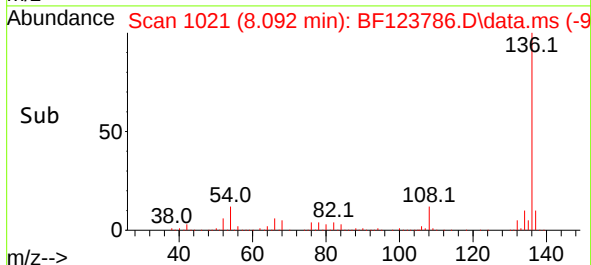
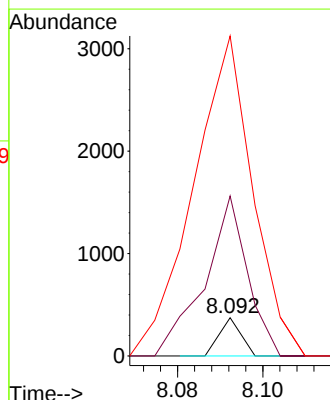
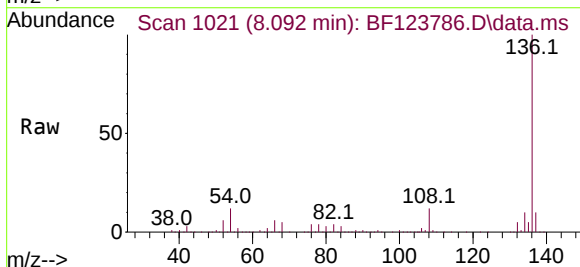
Instrument :
BNA_F
ClientSampleId :
PB136036BL

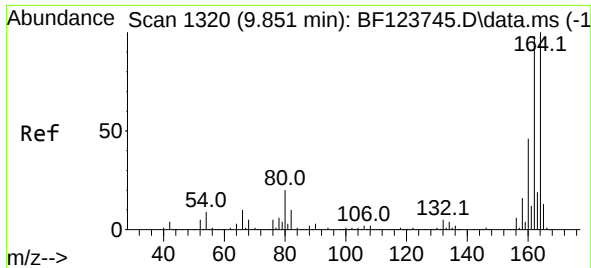
Tgt Ion: 82 Resp: 1551652
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.211 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 419.0 107.8 147.8#
77 837.8 81.6 121.6#

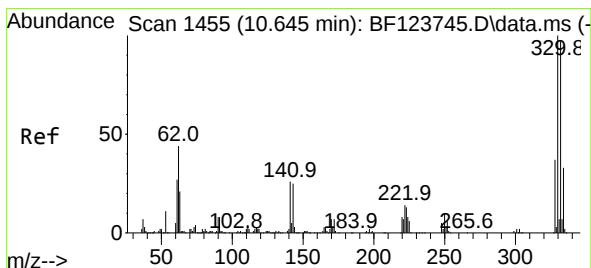
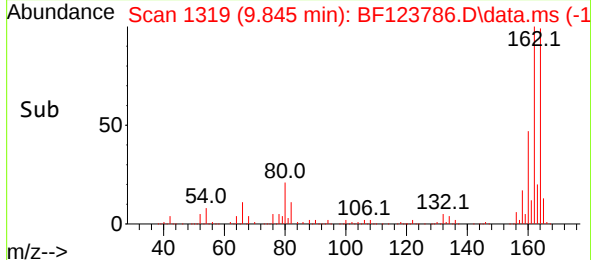
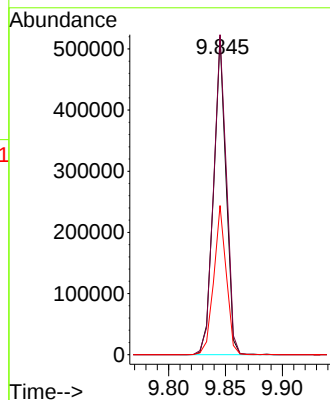
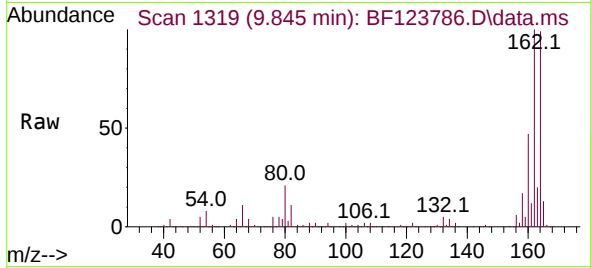




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

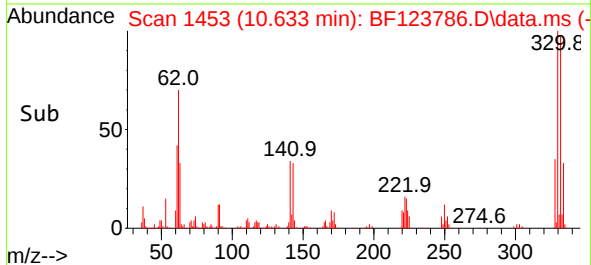
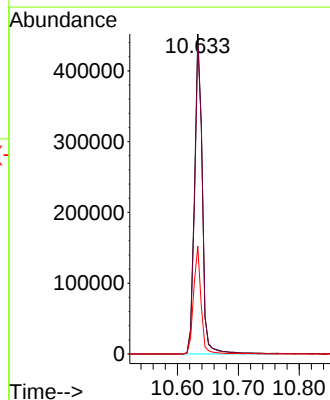
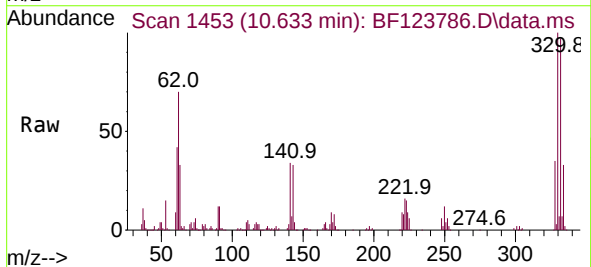
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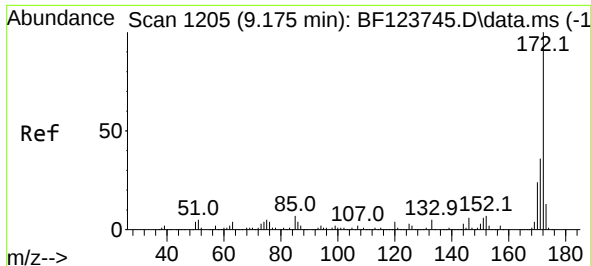
Tgt Ion:164 Resp: 395430
Ion Ratio Lower Upper
164 100
162 100.7 80.7 121.1
160 47.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 81.37 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion:330 Resp: 400558
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.4 27.9 41.9

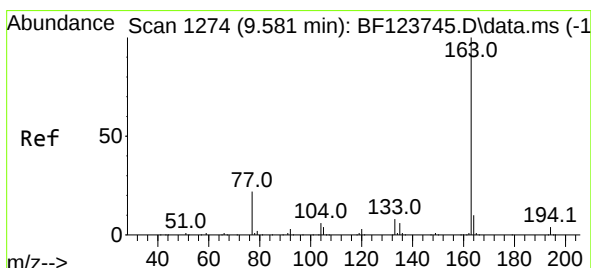
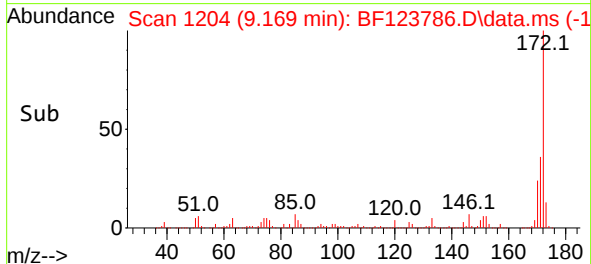
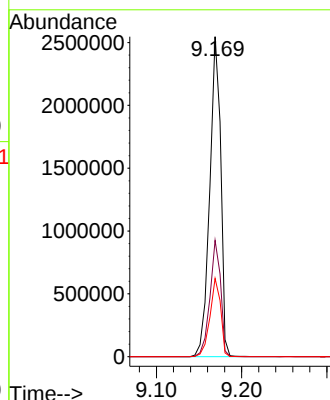
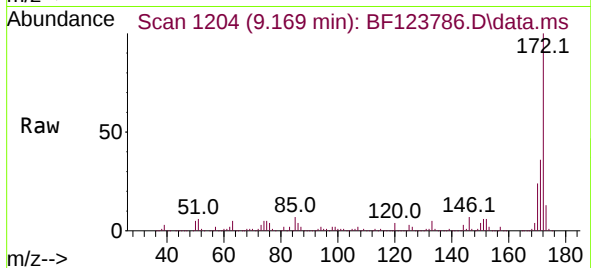




#45
2-Fluorobiphenyl
Concen: 84.12 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

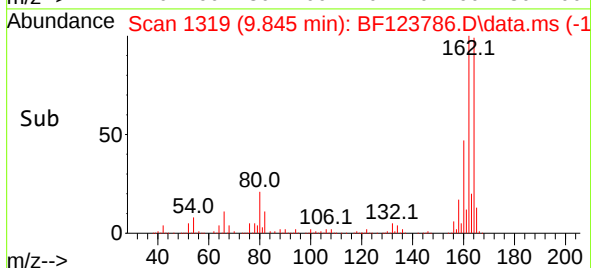
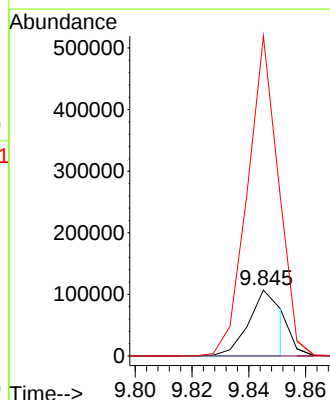
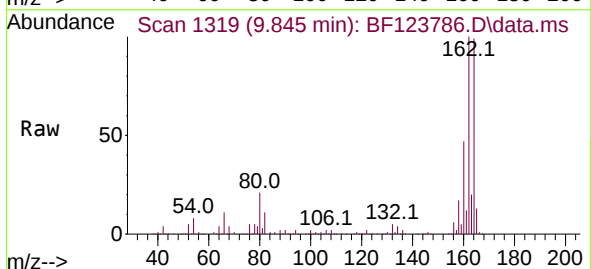
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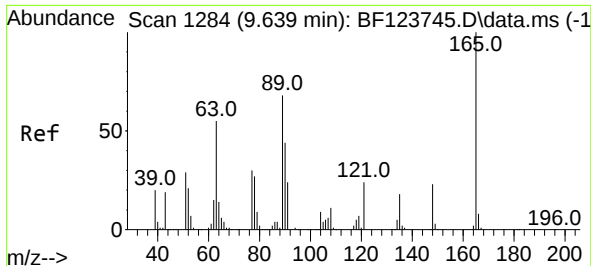
Tgt Ion:172 Resp: 2284236
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 24.4 19.2 28.8



#50
Dimethylphthalate
Concen: 3.07 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.265 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion:163 Resp: 85457
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 485.4 8.2 12.2#

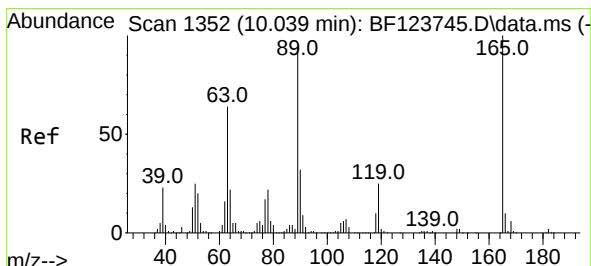
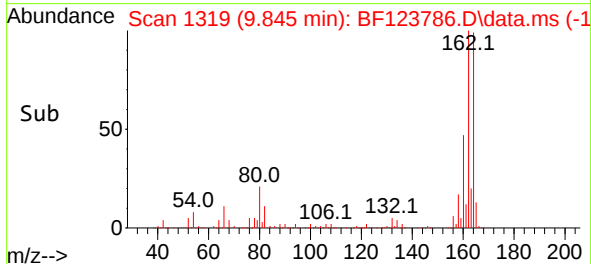
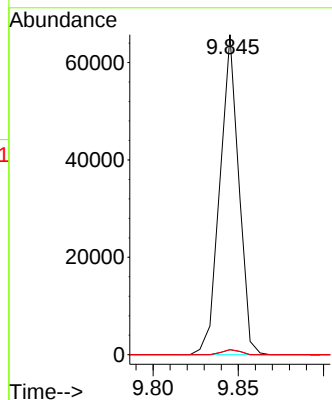
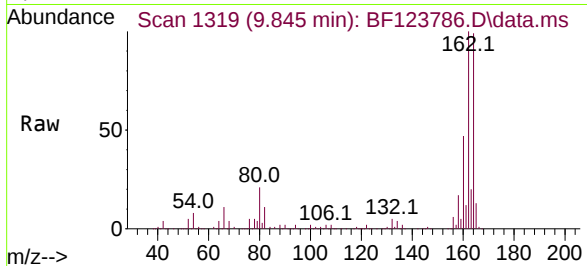




#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

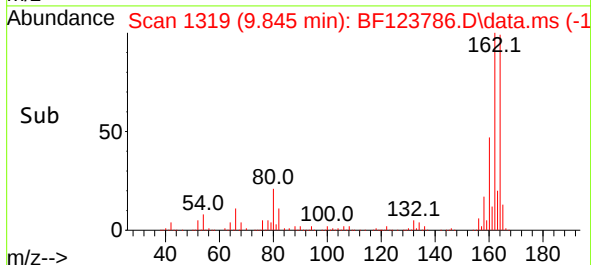
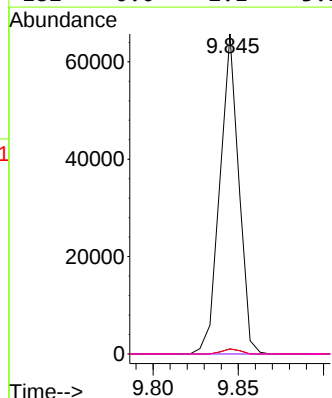
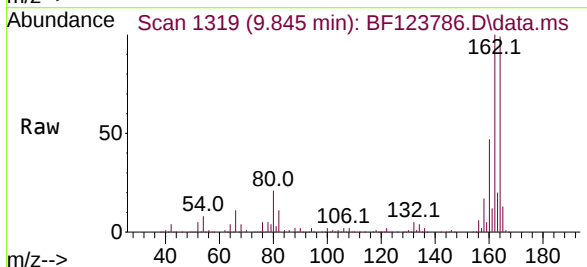
Instrument :
BNA_F
ClientSampleId :
PB136036BL

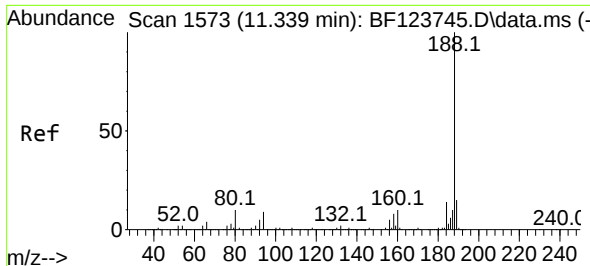
Tgt Ion:165 Resp: 50687
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.6 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion:165 Resp: 50687
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 1.6 67.7 101.5#
182 0.0 2.1 3.1#

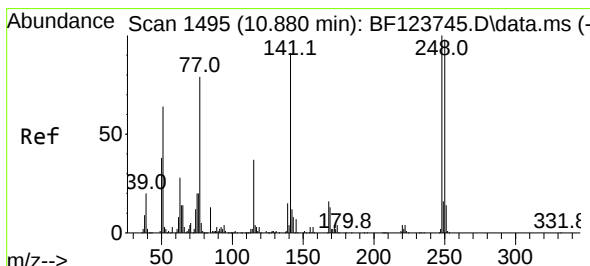
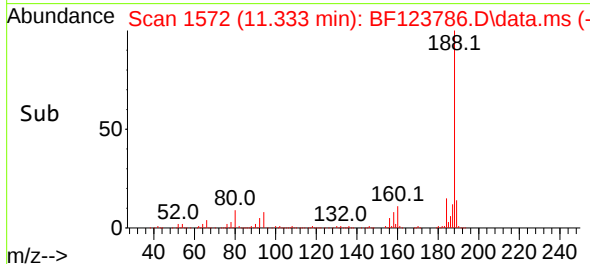
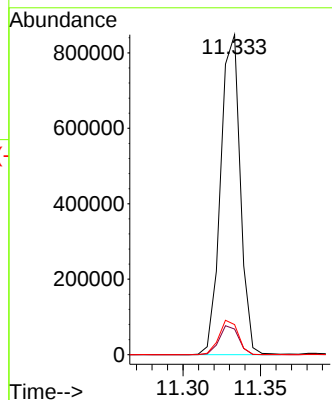
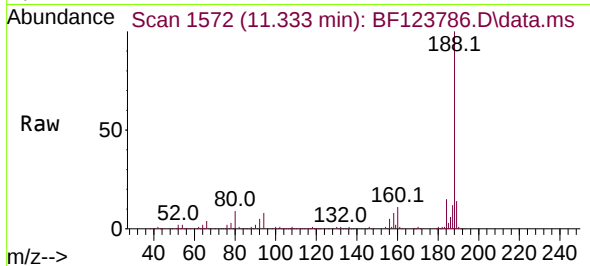




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

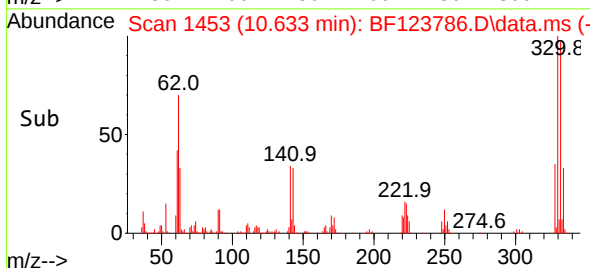
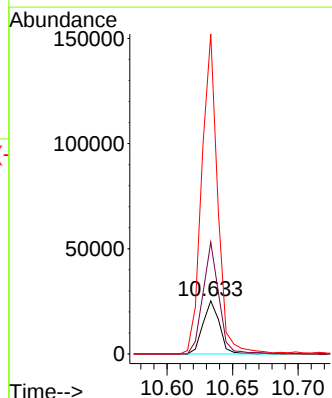
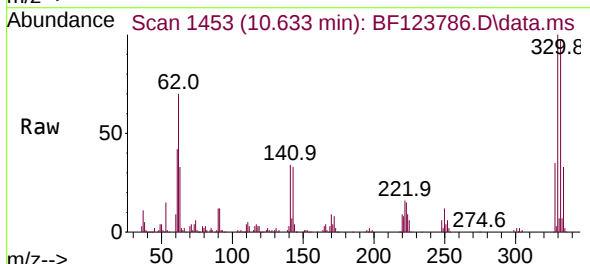
Instrument :
BNA_F
ClientSampleId :
PB136036BL

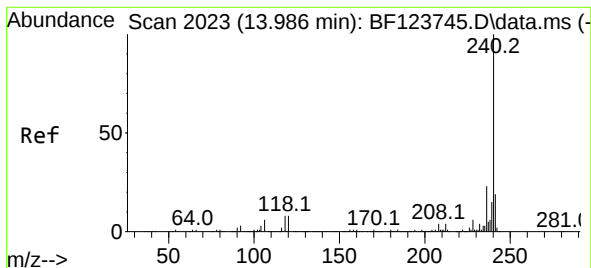
Tgt Ion:188 Resp: 749574
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.247 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

Tgt Ion:248 Resp: 22243
Ion Ratio Lower Upper
248 100
250 210.7 77.4 116.2#
141 603.1 63.7 95.5#

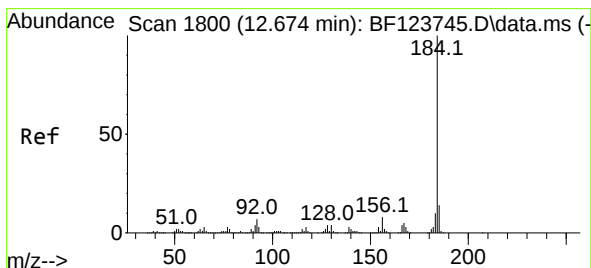
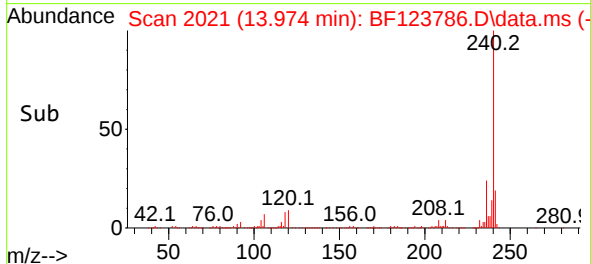
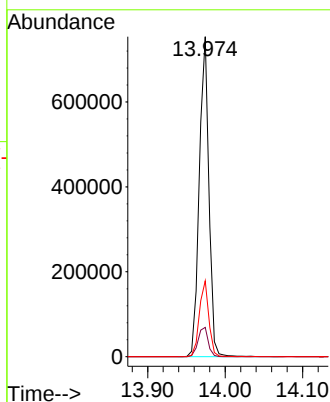
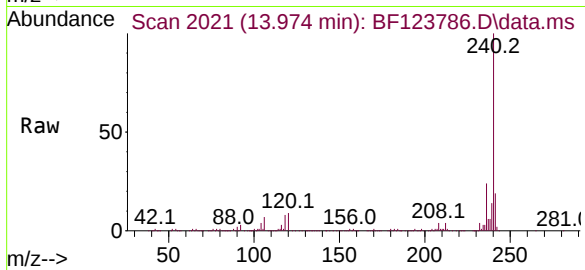




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

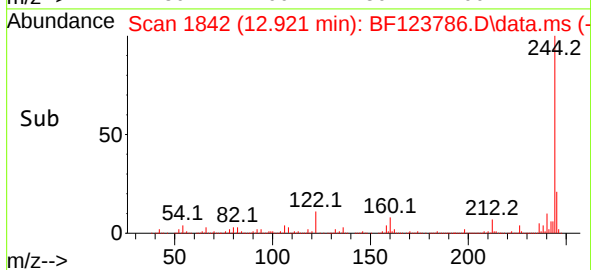
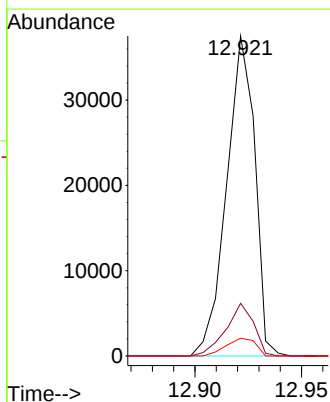
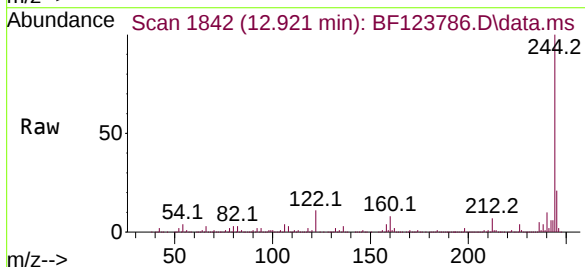
Instrument :
BNA_F
ClientSampleId :
PB136036BL

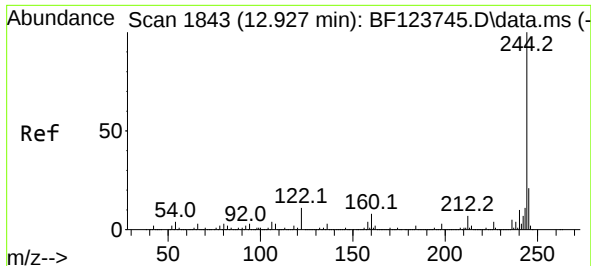
Tgt Ion:240 Resp: 648154
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 23.7 19.0 28.4



#77
Benzidine
Concen: 2.06 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF123786.D
Acq: 3 May 2021 19:12

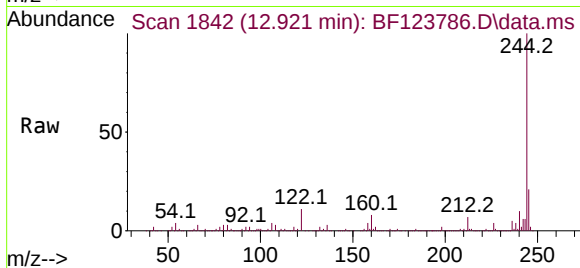
Tgt Ion:184 Resp: 34618
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 5.6 7.8 11.8#



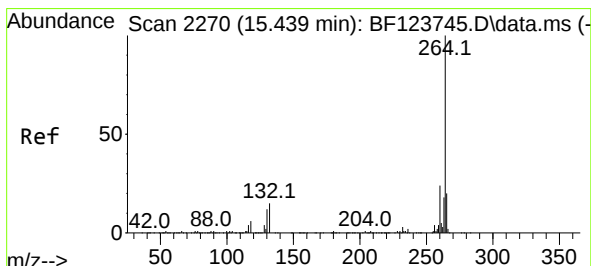
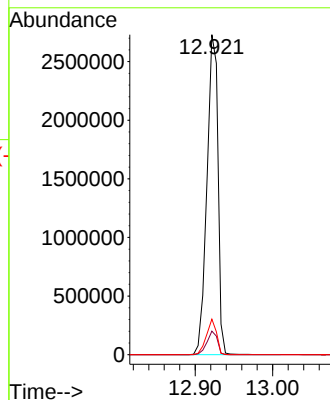
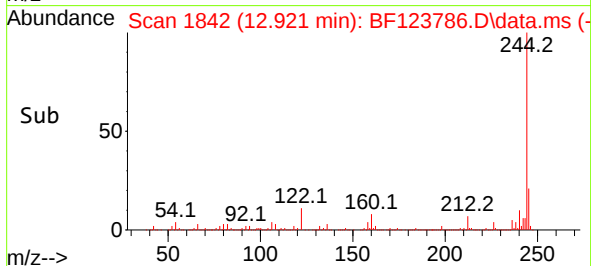


#79
 Terphenyl-d14
 Concen: 80.15 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF123786.D
 Acq: 3 May 2021 19:12

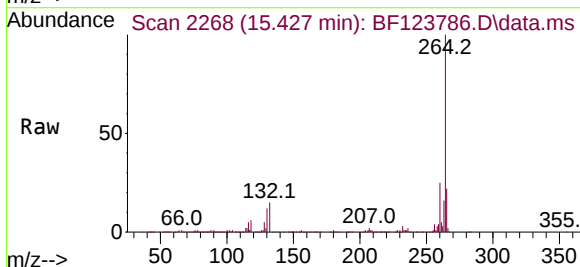
Instrument :
 BNA_F
 ClientSampleId :
 PB136036BL



Tgt Ion:244 Resp: 2697722
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.1 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. -0.012 min
 Lab File: BF123786.D
 Acq: 3 May 2021 19:12



Tgt Ion:264 Resp: 591797
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 22.2 17.8 26.8

