

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123785.D
 Acq On : 3 May 2021 18:10
 Operator : JU/CG
 Sample : PB136120BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136120BL

Quant Time: May 03 18:32:44 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)

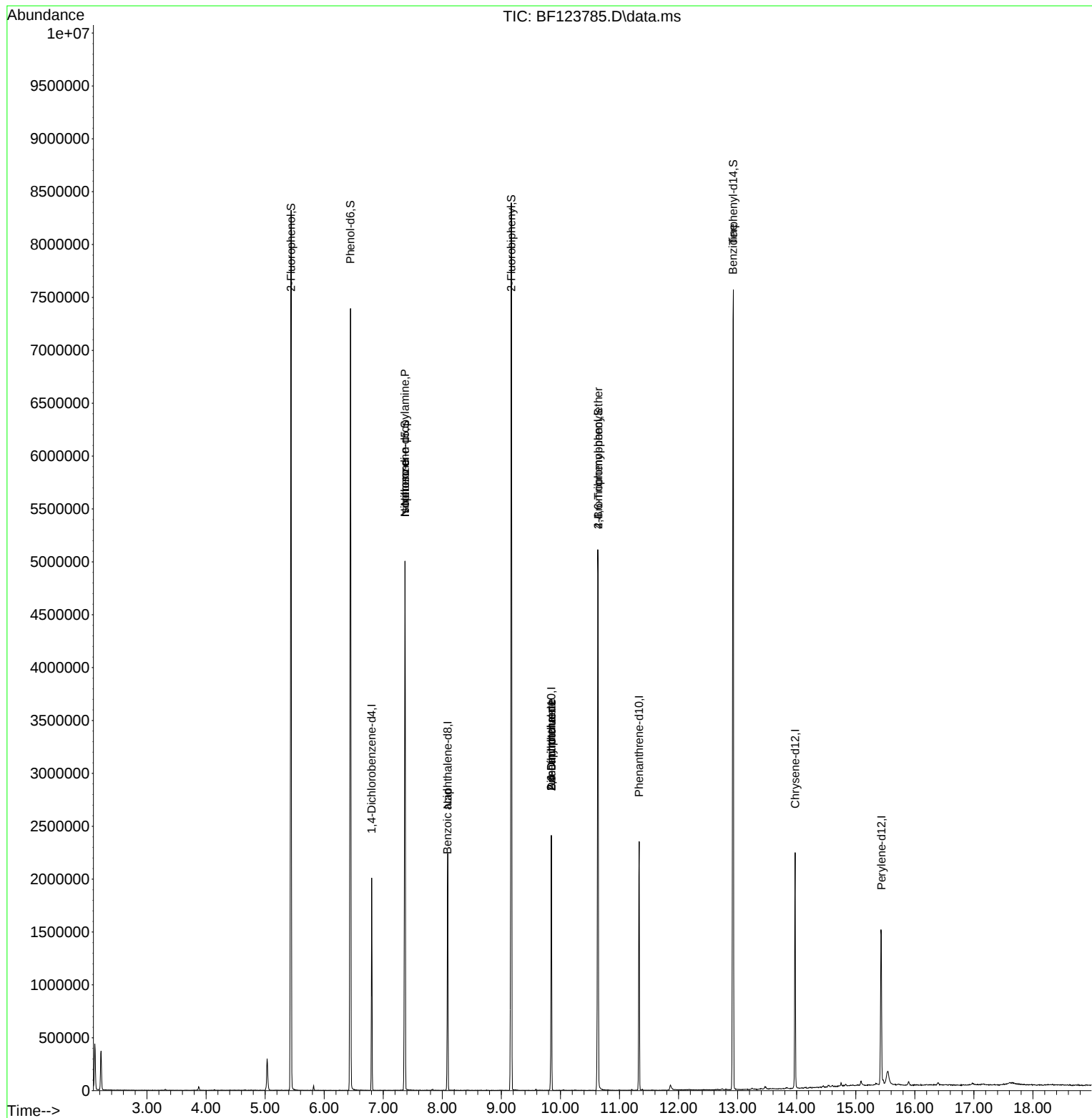
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	245898	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	920001	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	446151	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	838182	20.00	ng	0.00
76) Chrysene-d12	13.974	240	740002	20.00	ng	-0.01
86) Perylene-d12	15.433	264	700429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1876163	120.88	ng	0.02
7) Phenol-d6	6.445	99	2422000	113.28	ng	0.00
23) Nitrobenzene-d5	7.369	82	1690350	82.94	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	651942	117.38	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2516586	82.14	ng	0.00
79) Terphenyl-d14	12.927	244	2738464	71.26	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	236751	17.93	ng	# 76
25) Isophorone	7.369	82	1686093	44.12	ng	# 69
32) Benzoic acid	8.086	122	158	5.40	ng	# 1
50) Dimethylphthalate	9.845	163	92678	2.95	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	57613	7.93	ng	# 12
57) 2,4-Dinitrotoluene	9.845	165	57613	5.82	ng	# 17
67) 4-Bromophenyl-phenylether	10.639	248	37132	4.21	ng	# 1
77) Benzidine	12.921	184	38440	2.01	ng	# 97

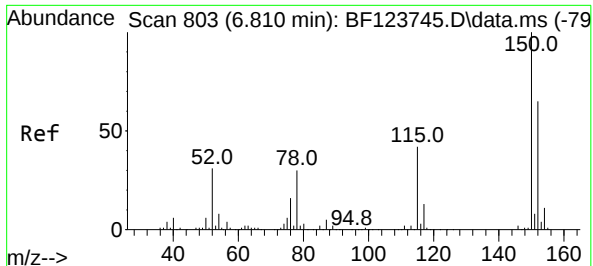
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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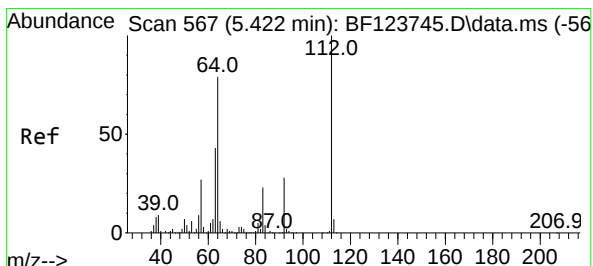
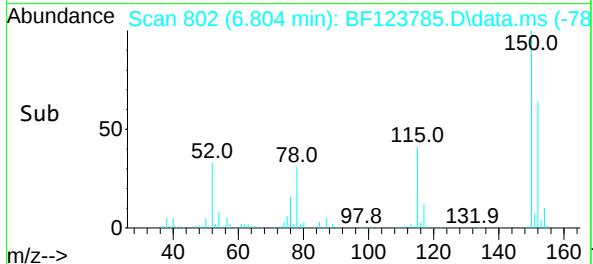
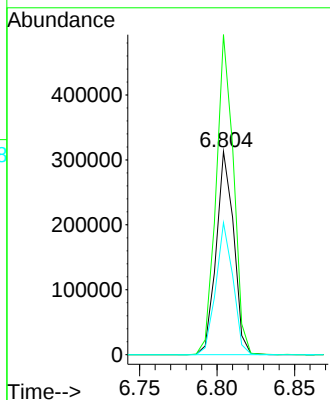
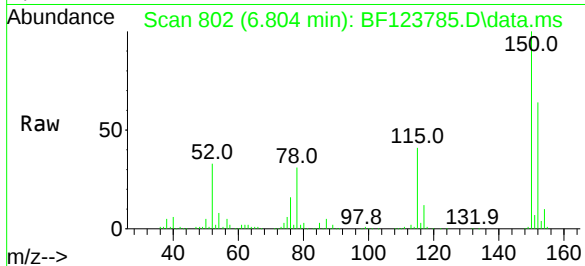




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

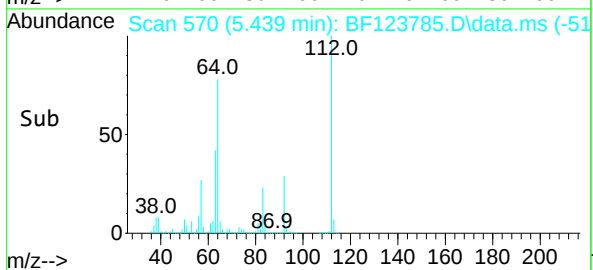
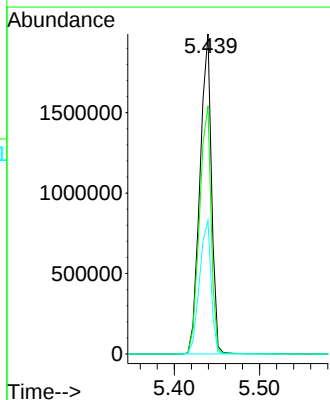
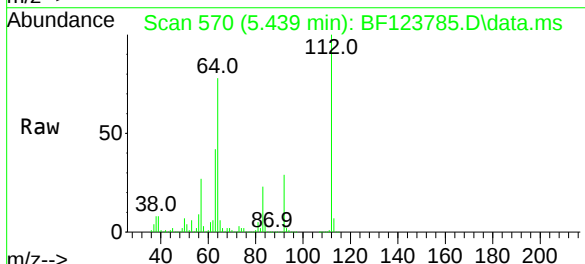
Instrument :
BNA_F
ClientSampleId :
PB136120BL

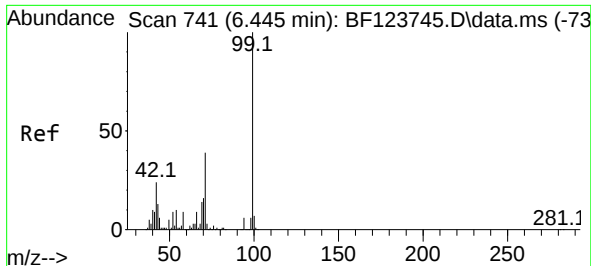
Tgt Ion:152 Resp: 245898
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.6
115 65.0 54.3 81.5



#5
2-Fluorophenol
Concen: 120.88 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.017 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Tgt Ion:112 Resp: 1876163
Ion Ratio Lower Upper
112 100
64 77.6 61.4 92.0
63 41.7 33.0 49.4

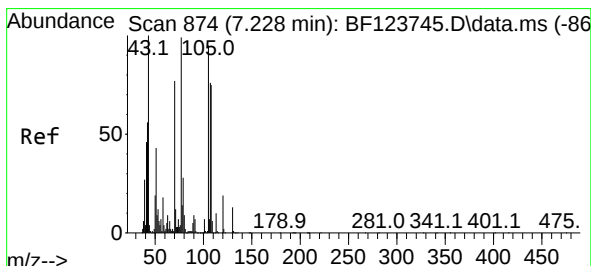
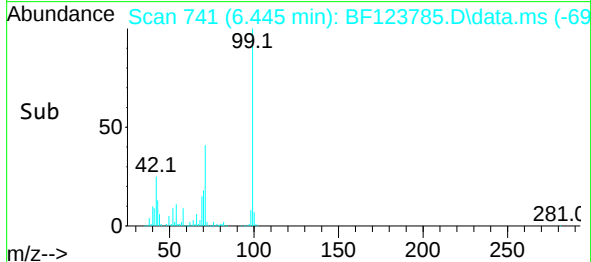
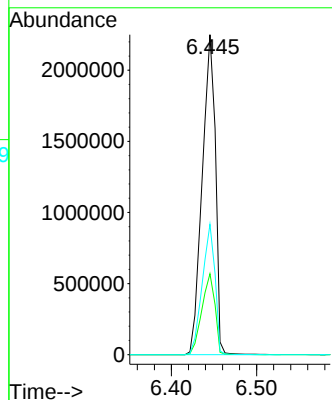
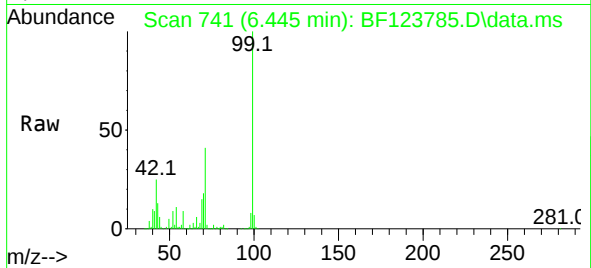




#7
Phenol-d6
Concen: 113.28 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

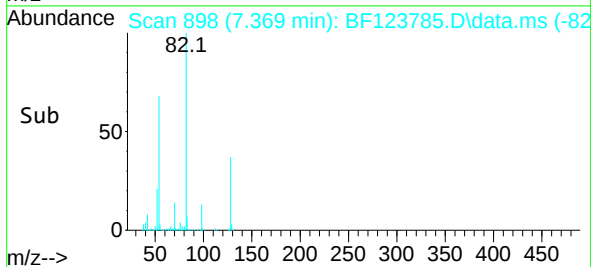
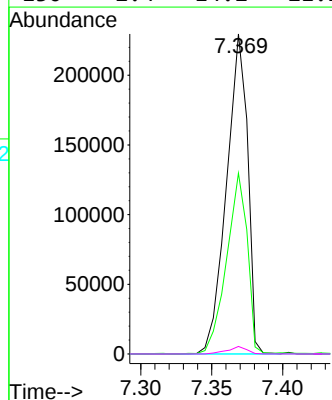
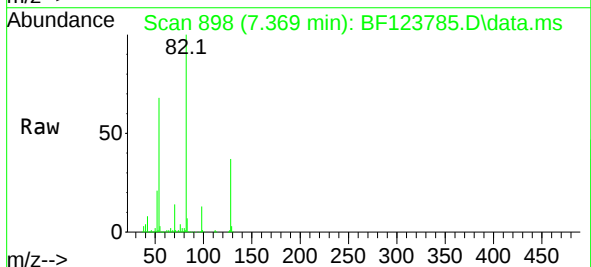
Instrument :
BNA_F
ClientSampleId :
PB136120BL

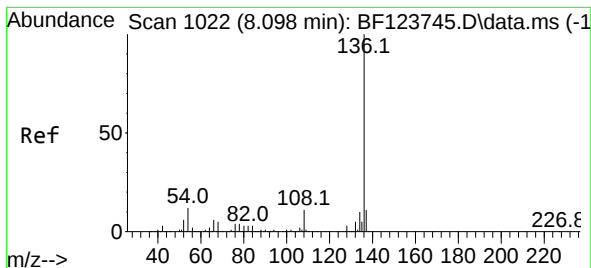
Tgt Ion: 99 Resp: 2422000
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.8
71 40.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.93 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Tgt Ion: 70 Resp: 236751
Ion Ratio Lower Upper
70 100
42 56.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#



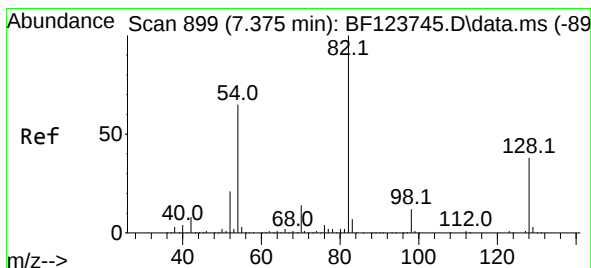
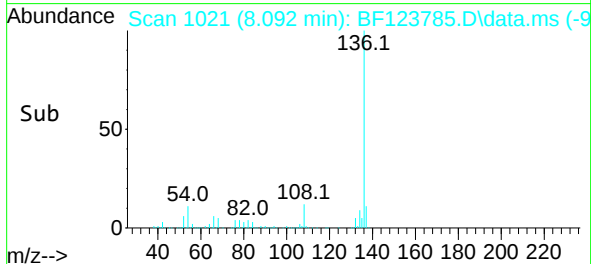
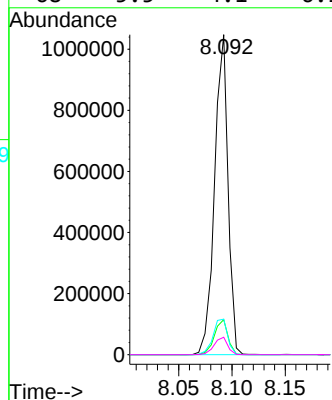
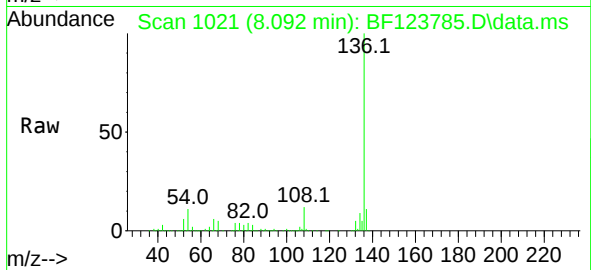


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Instrument :
BNA_F
ClientSampleId :
PB136120BL

Tgt Ion:136 Resp: 920001

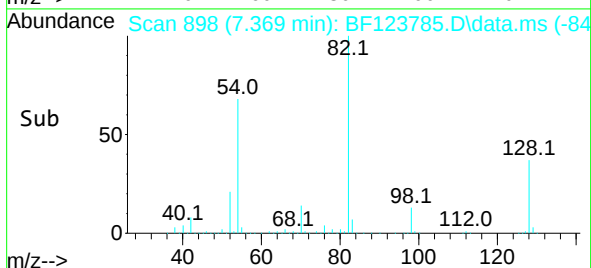
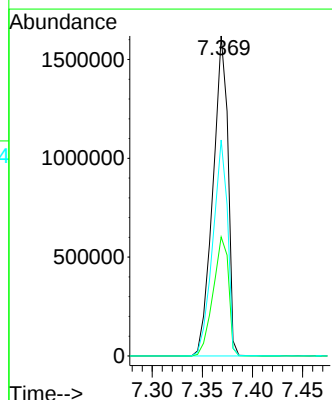
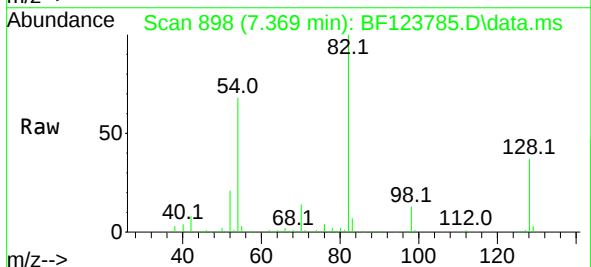
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.1	9.8	14.6
68	5.5	4.1	6.1

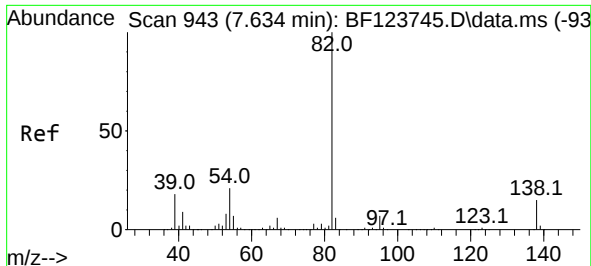


#23
Nitrobenzene-d5
Concen: 82.94 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Tgt Ion: 82 Resp: 1690350

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	67.5	54.1	81.1

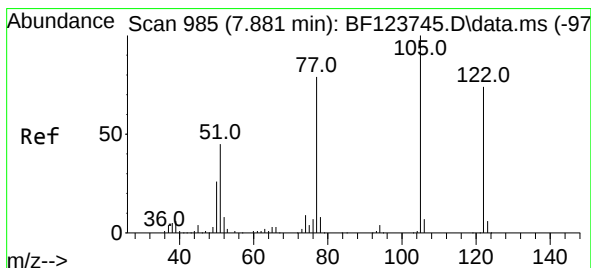
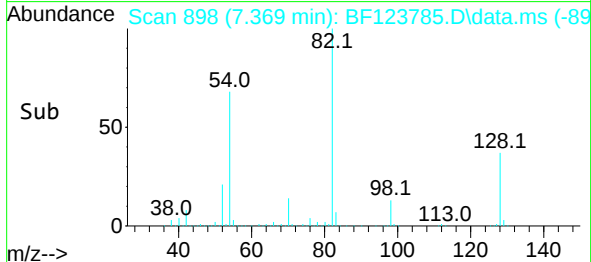
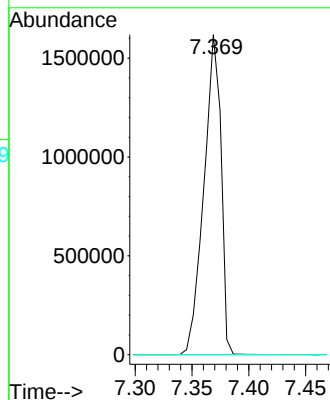
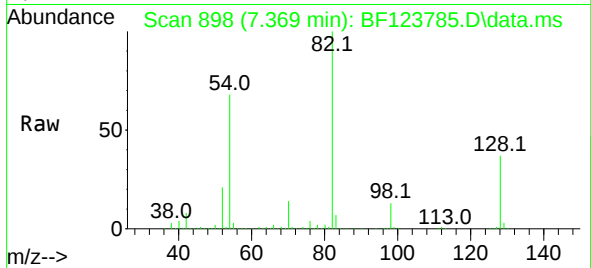




#25
Isophorone
Concen: 44.12 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

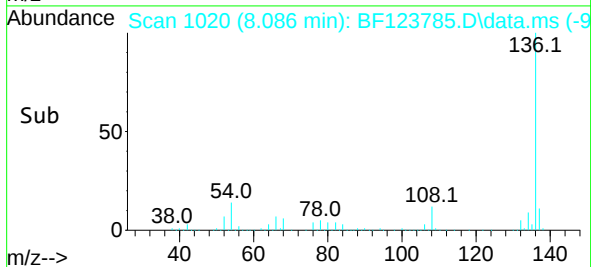
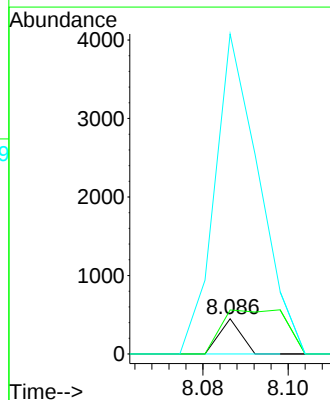
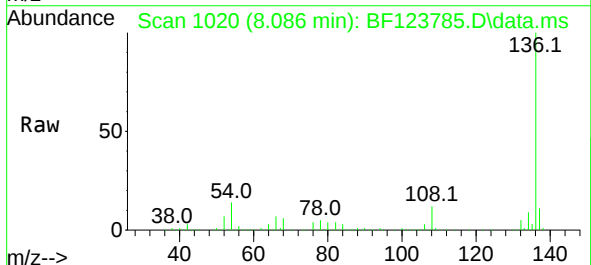
Instrument :
BNA_F
ClientSampleId :
PB136120BL

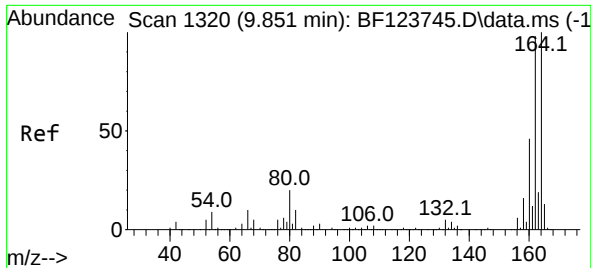
Tgt Ion: 82 Resp: 1686093
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.205 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

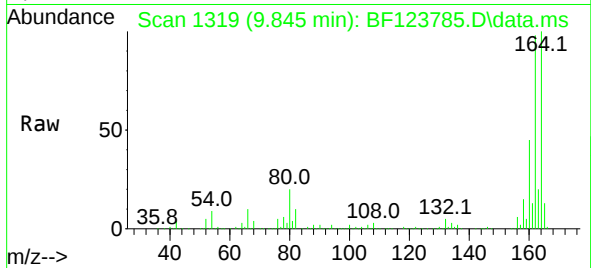
Tgt Ion:122 Resp: 158
Ion Ratio Lower Upper
122 100
105 125.2 107.8 147.8
77 910.0 81.6 121.6#



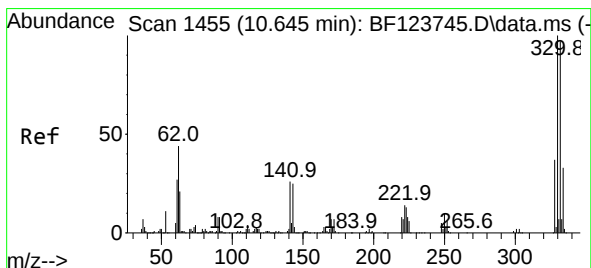
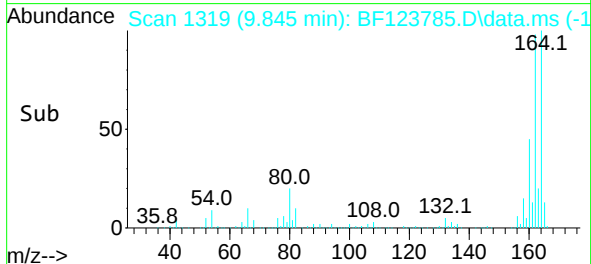
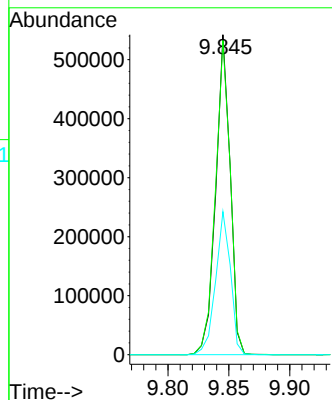


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Instrument :
BNA_F
ClientSampleId :
PB136120BL

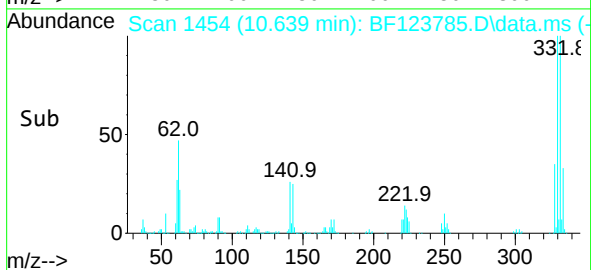
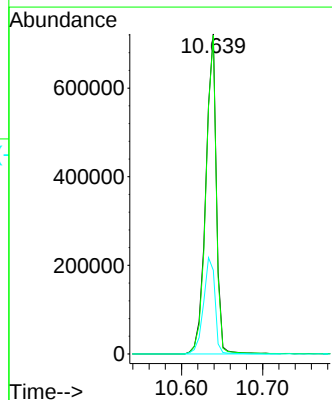
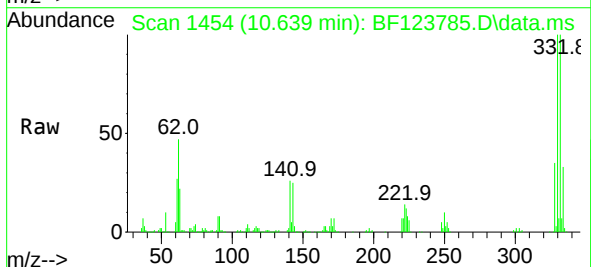


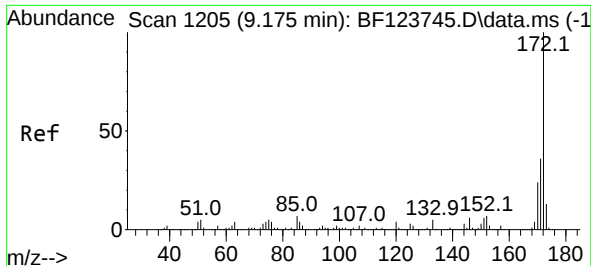
Tgt Ion:164 Resp: 446151
Ion Ratio Lower Upper
164 100
162 98.2 80.7 121.1
160 44.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 117.38 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Tgt Ion:330 Resp: 651942
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 32.8 27.9 41.9

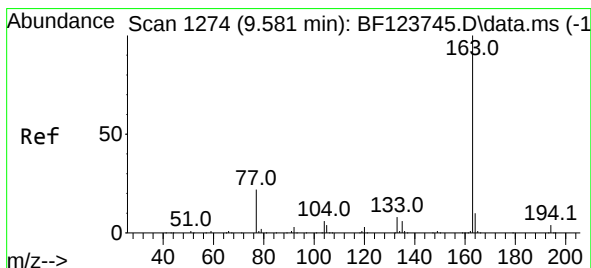
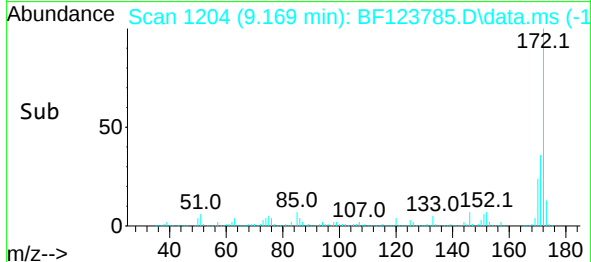
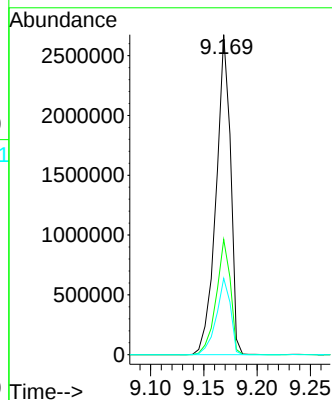
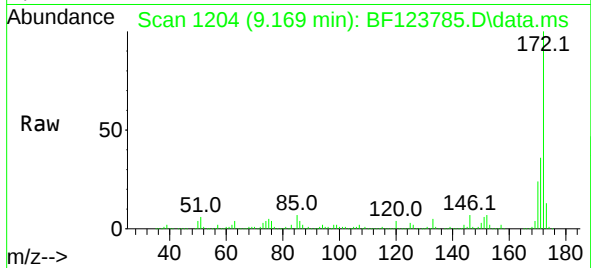




#45
2-Fluorobiphenyl
Concen: 82.14 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

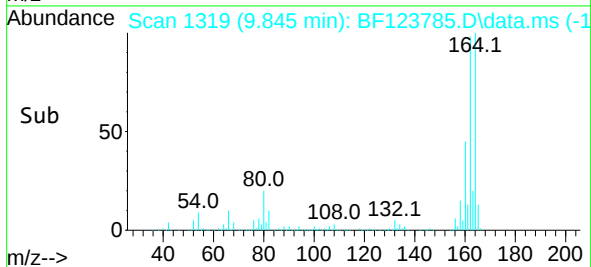
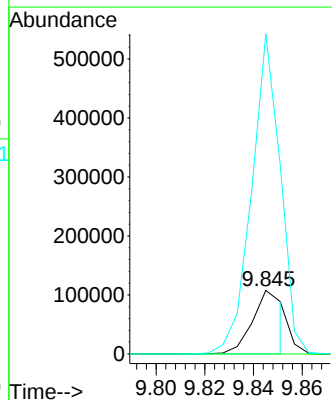
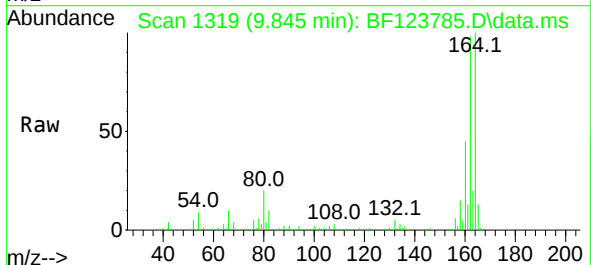
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ClientSampleId :
PB136120BL

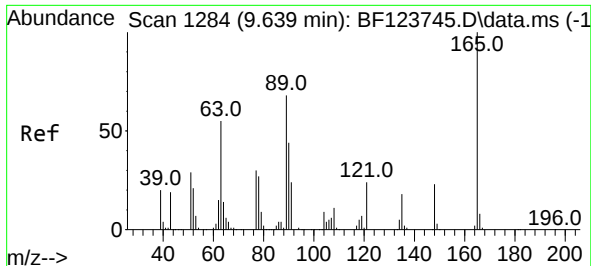
Tgt Ion:172 Resp: 2516586
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.8 19.2 28.8



#50
Dimethylphthalate
Concen: 2.95 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.264 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Tgt Ion:163 Resp: 92678
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 504.4 8.2 12.2#

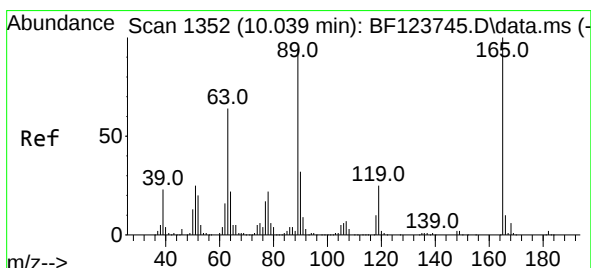
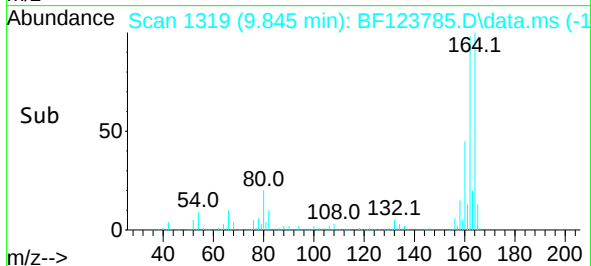
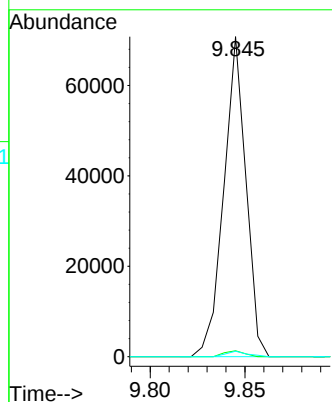
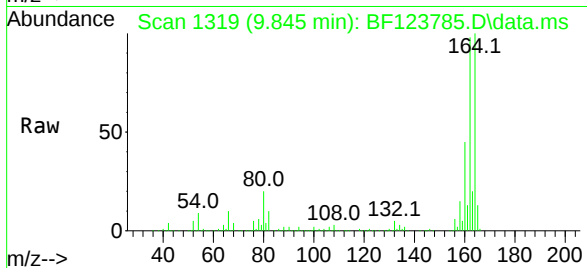




#51
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

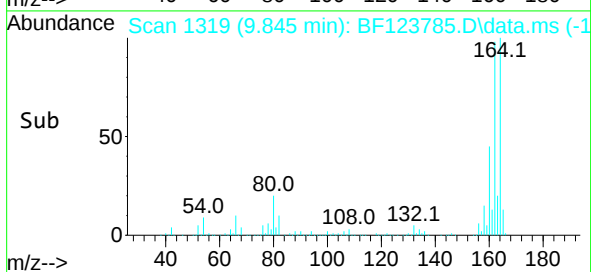
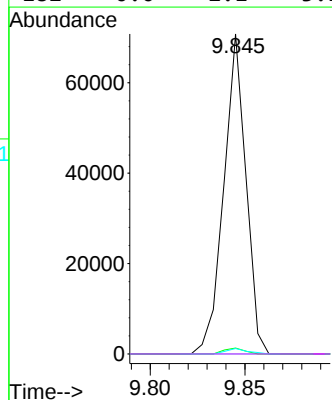
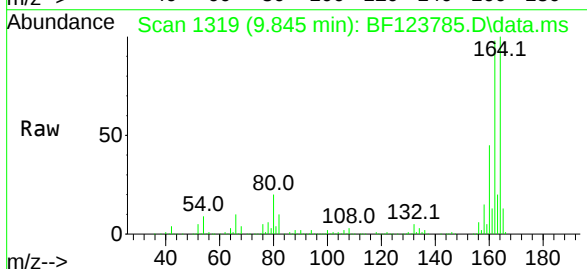
Instrument :
BNA_F
ClientSampleId :
PB136120BL

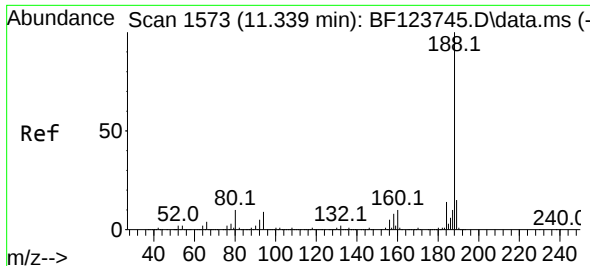
Tgt Ion:165 Resp: 57613
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 1.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Tgt Ion:165 Resp: 57613
Ion Ratio Lower Upper
165 100
63 1.9 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

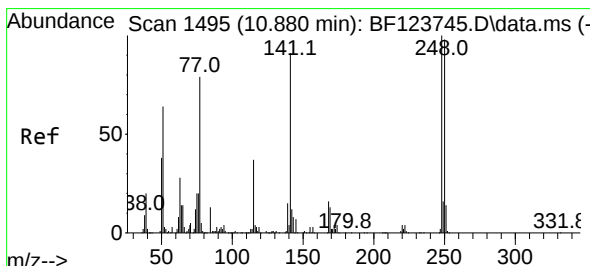
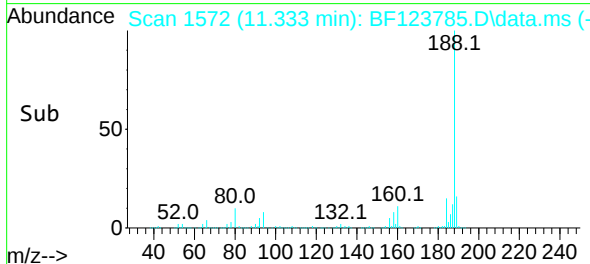
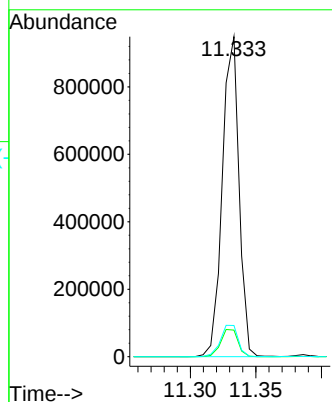
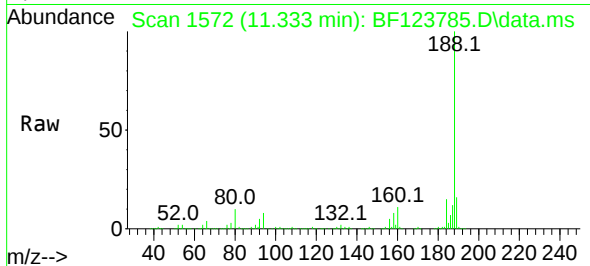




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

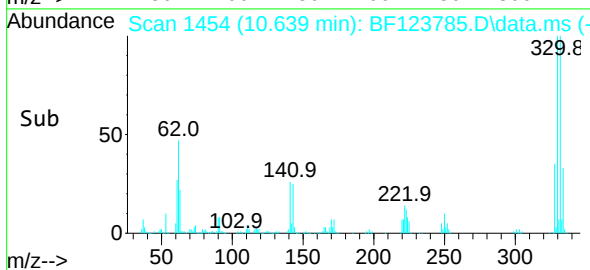
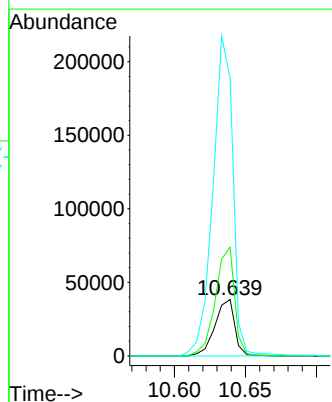
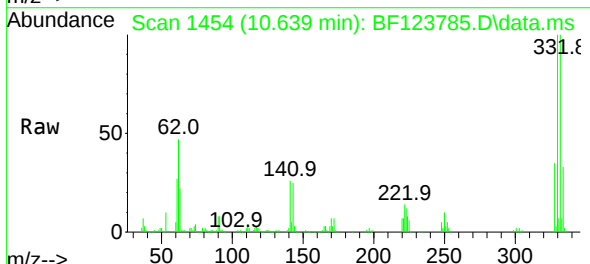
Instrument :
BNA_F
ClientSampleId :
PB136120BL

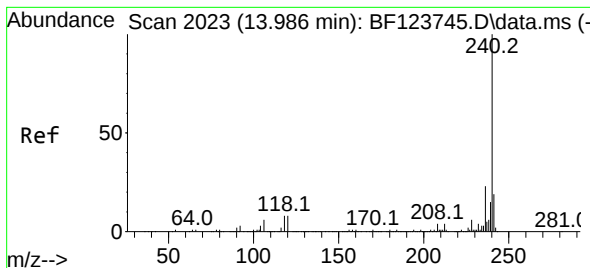
Tgt Ion:188 Resp: 838182
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.7 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

Tgt Ion:248 Resp: 37132
Ion Ratio Lower Upper
248 100
250 192.6 77.4 116.2#
141 492.2 63.7 95.5#

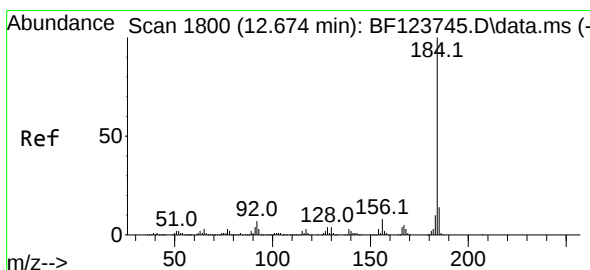
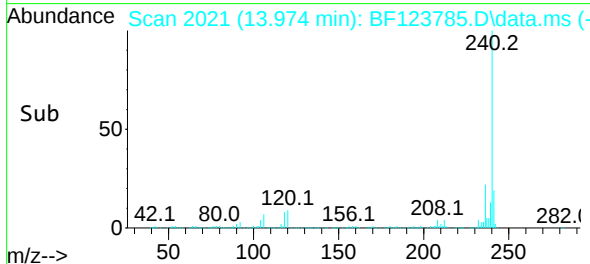
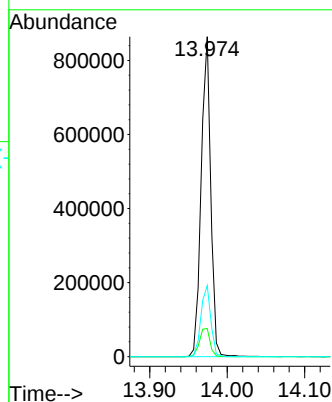
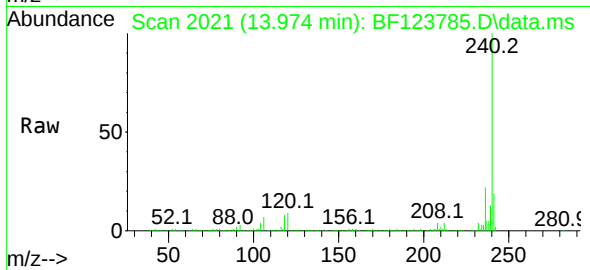




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

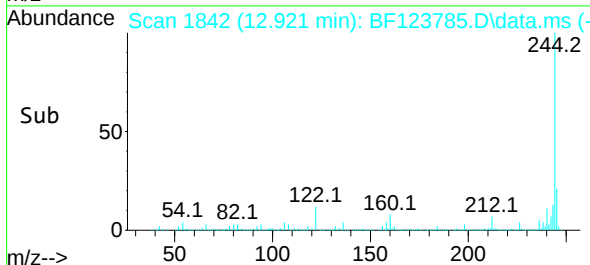
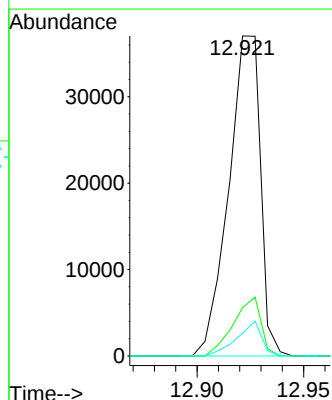
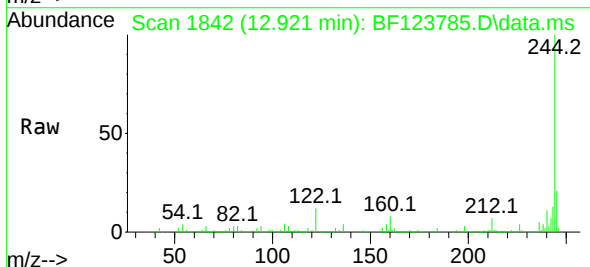
Instrument :
BNA_F
ClientSampleId :
PB136120BL

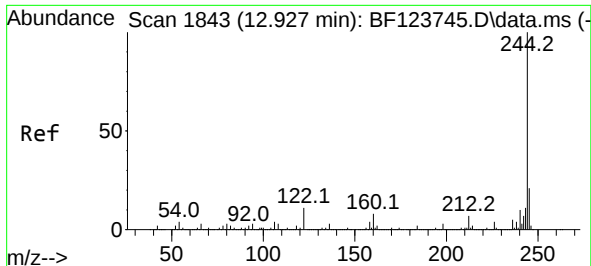
Tgt Ion:240 Resp: 740002
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 22.2 19.0 28.4



#77
Benzidine
Concen: 2.01 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF123785.D
Acq: 3 May 2021 18:10

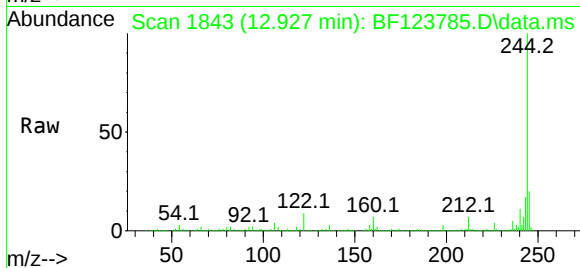
Tgt Ion:184 Resp: 38440
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 7.1 7.8 11.8#



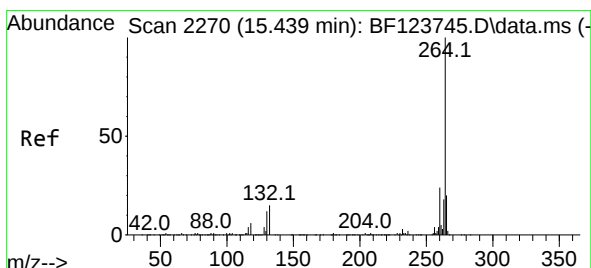
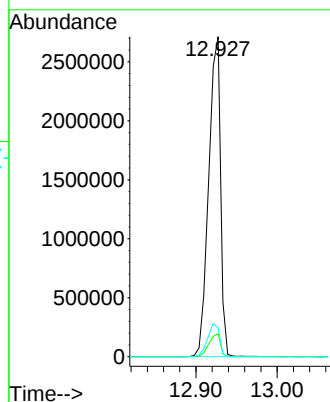
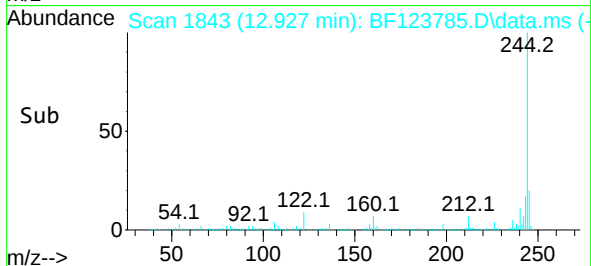


#79
 Terphenyl-d14
 Concen: 71.26 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123785.D
 Acq: 3 May 2021 18:10

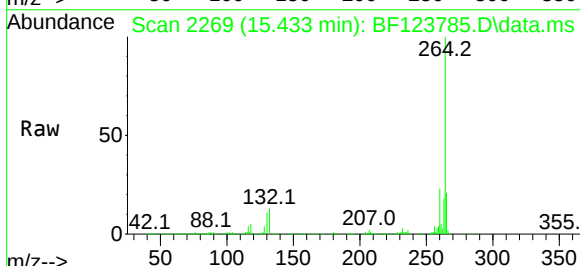
Instrument :
 BNA_F
 ClientSampleId :
 PB136120BL



Tgt Ion:244 Resp: 2738464
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.9 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF123785.D
 Acq: 3 May 2021 18:10



Tgt Ion:264 Resp: 700429
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.9 17.8 26.8

