

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
 Data File : BF124005.D
 Acq On : 20 May 2021 12:47
 Operator : JU/CG
 Sample : PB136559BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136559BL

Quant Time: May 20 13:26:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

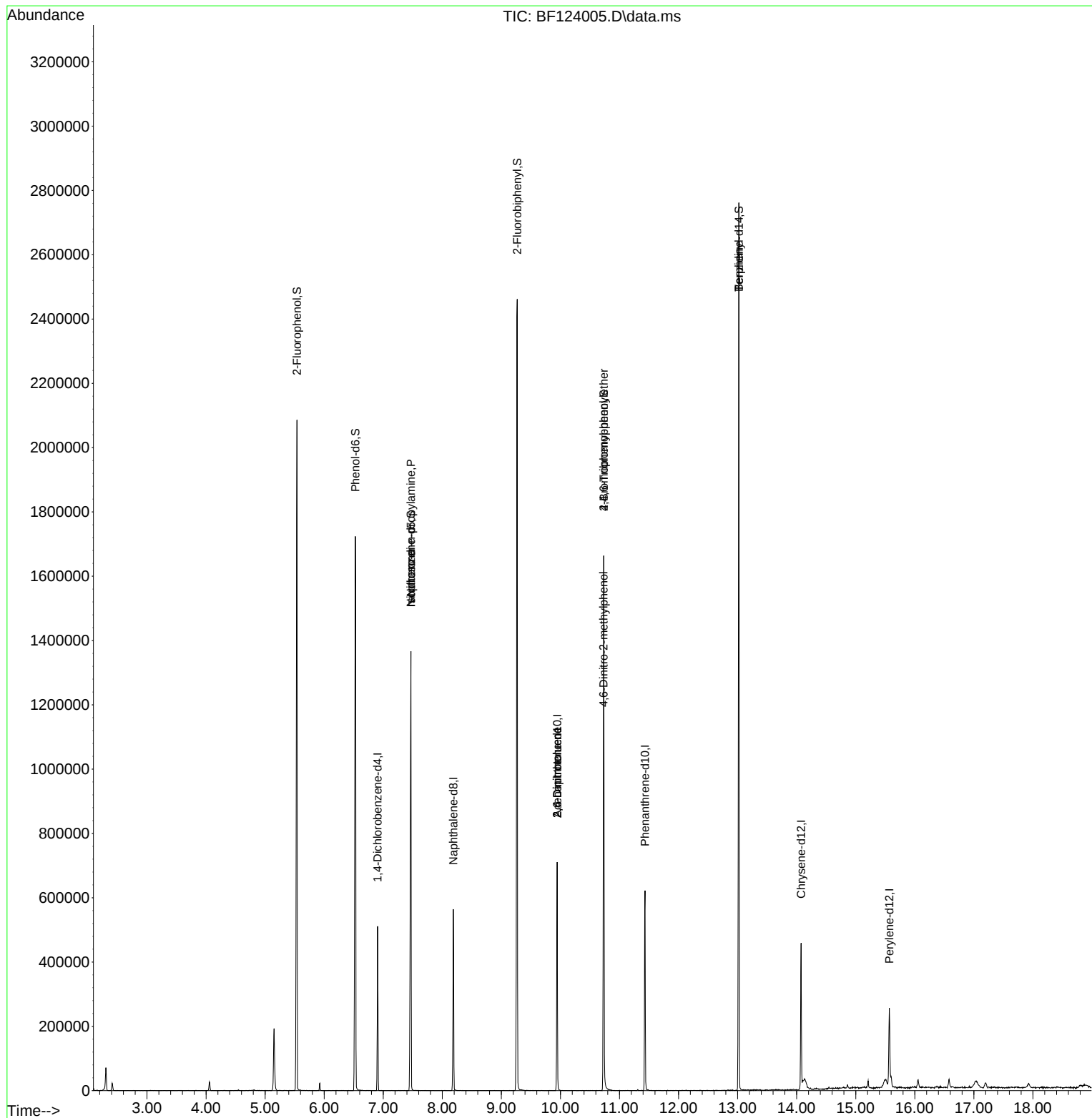
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	58635	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	227861	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	127581	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	224471	20.00	ng	0.00
76) Chrysene-d12	14.074	240	147356	20.00	ng	0.00
86) Perylene-d12	15.568	264	116997	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	480958	115.17	ng	0.03
7) Phenol-d6	6.528	99	591275	109.14	ng	0.00
23) Nitrobenzene-d5	7.469	82	432770	81.83	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	166084	108.38	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	778554	75.10	ng	0.00
79) Terphenyl-d14	13.021	244	790522	81.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	63985	17.48	ng	# 73
25) Isophorone	7.469	82	432765	42.54	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	15549	7.55	ng	# 11
57) 2,4-Dinitrotoluene	9.945	165	15549	6.15	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.727	198	597	5.80	ng	78
67) 4-Bromophenyl-phenylether	10.733	248	10730	3.64	ng	# 1
77) Benzidine	13.021	184	12207	3.43	ng	# 96

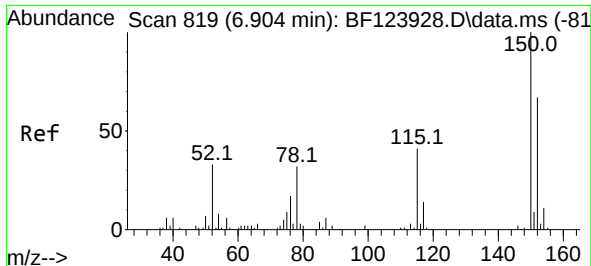
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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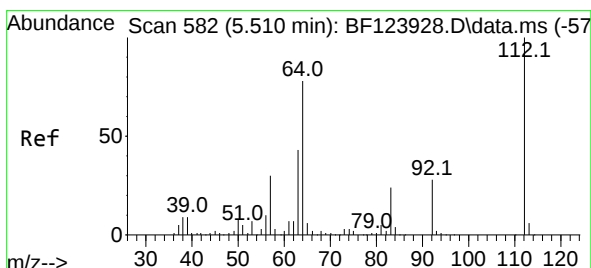
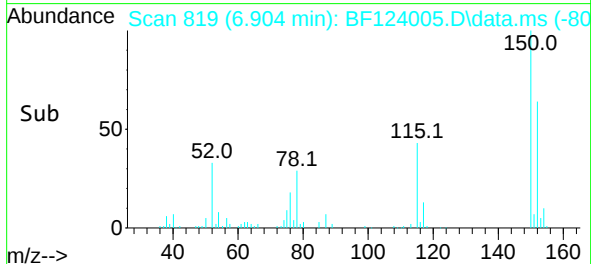
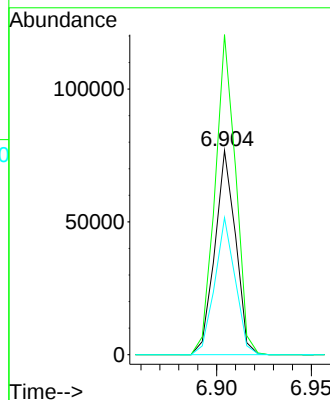
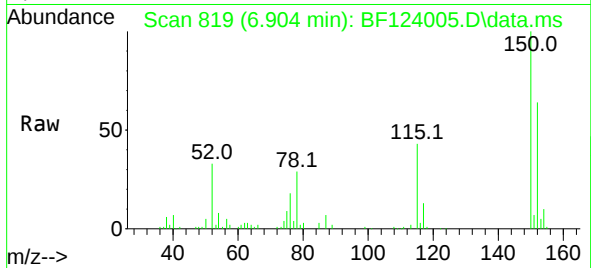




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

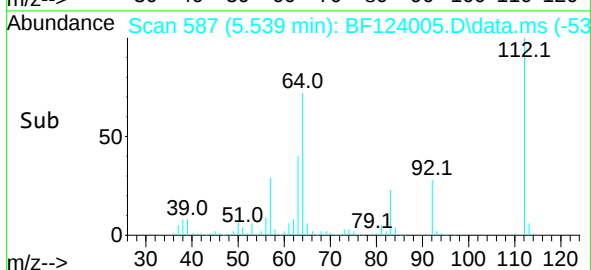
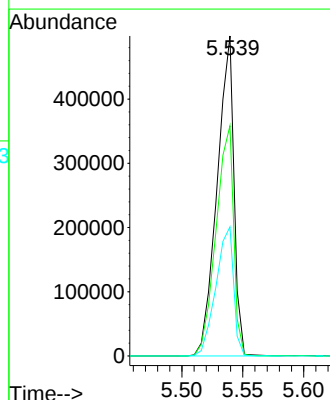
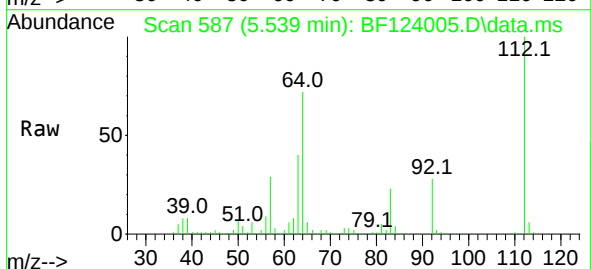
Instrument :
BNA_F
ClientSampleId :
PB136559BL

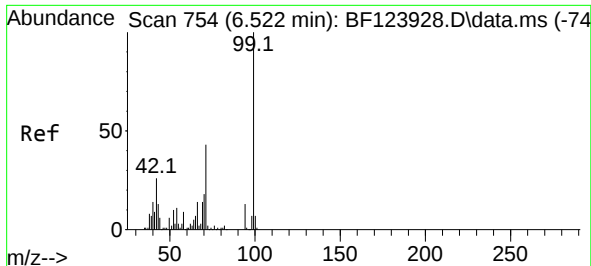
Tgt Ion:152 Resp: 58635
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 67.0 54.3 81.5



#5
2-Fluorophenol
Concen: 115.17 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.029 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

Tgt Ion:112 Resp: 480958
Ion Ratio Lower Upper
112 100
64 71.9 61.4 92.0
63 40.4 33.0 49.4

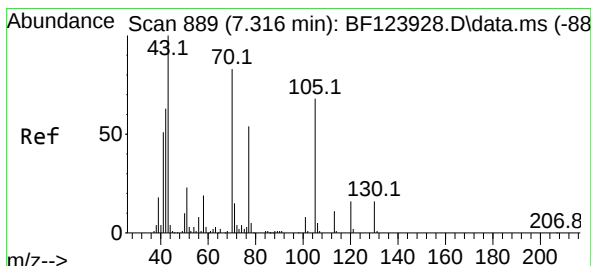
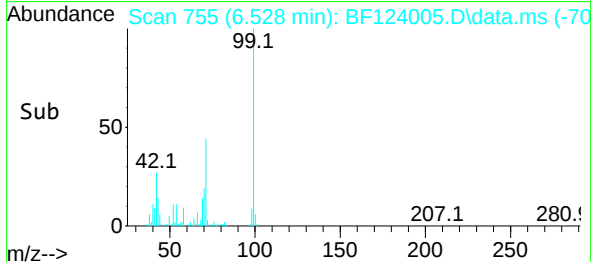
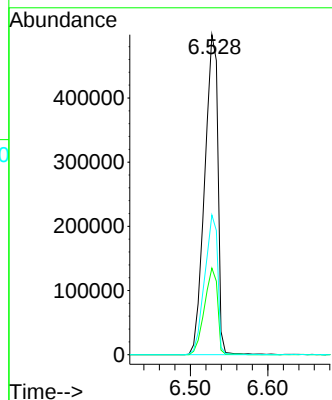
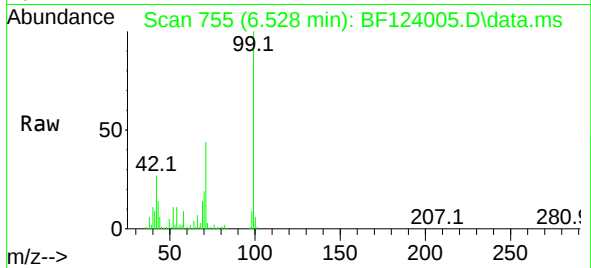




#7
Phenol-d6
Concen: 109.14 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

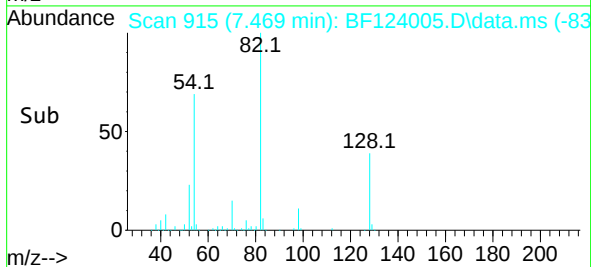
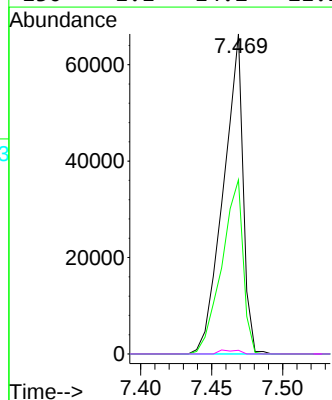
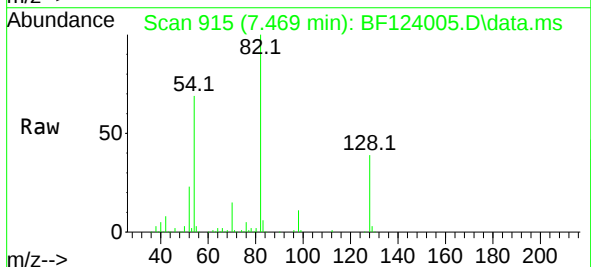
Instrument :
BNA_F
ClientSampleId :
PB136559BL

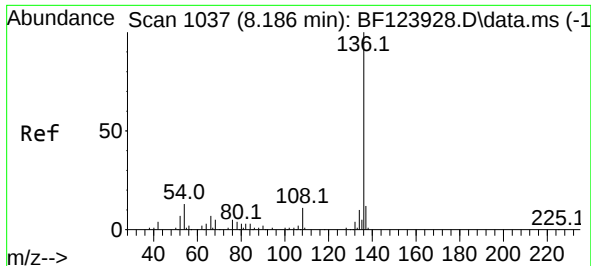
Tgt Ion: 99 Resp: 591275
Ion Ratio Lower Upper
99 100
42 27.0 19.8 29.8
71 43.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.48 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.153 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

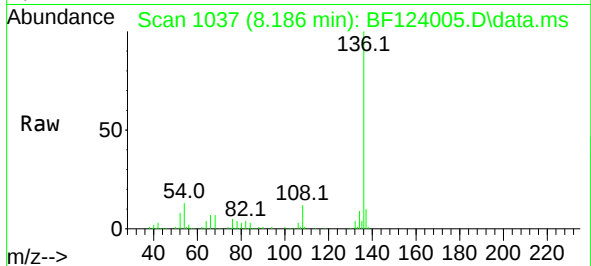
Tgt Ion: 70 Resp: 63985
Ion Ratio Lower Upper
70 100
42 54.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#



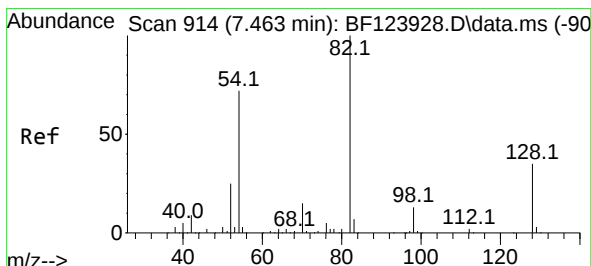
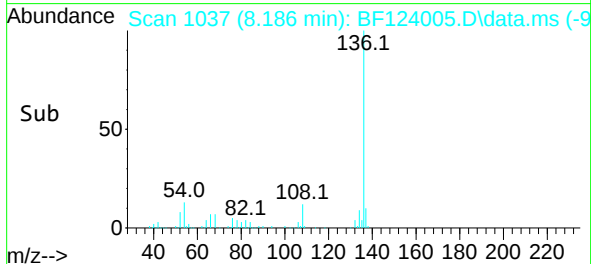
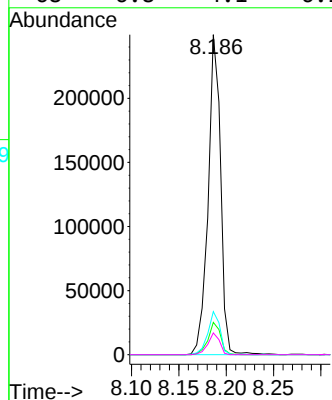


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

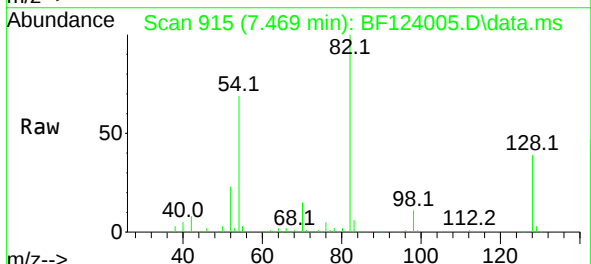
Instrument :
BNA_F
ClientSampleId :
PB136559BL



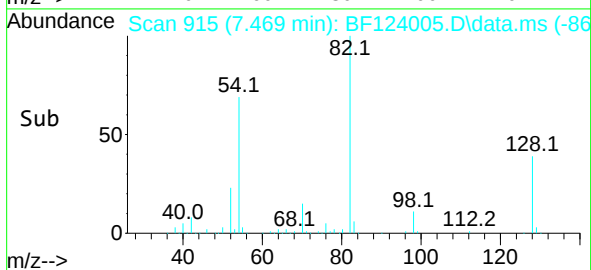
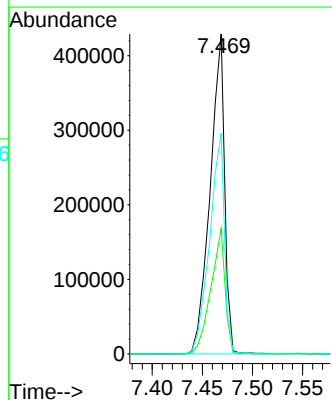
Tgt Ion:136 Resp: 227861
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 13.4 9.8 14.6
68 6.8 4.1 6.1#

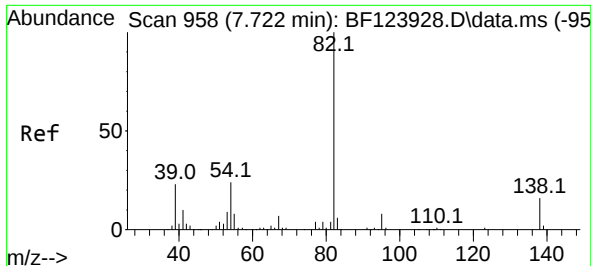


#23
Nitrobenzene-d5
Concen: 81.83 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47



Tgt Ion: 82 Resp: 432770
Ion Ratio Lower Upper
82 100
128 39.3 29.4 44.2
54 69.0 54.1 81.1

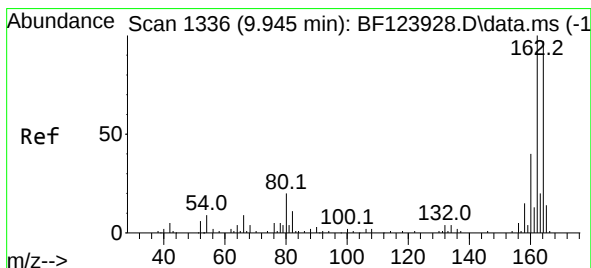
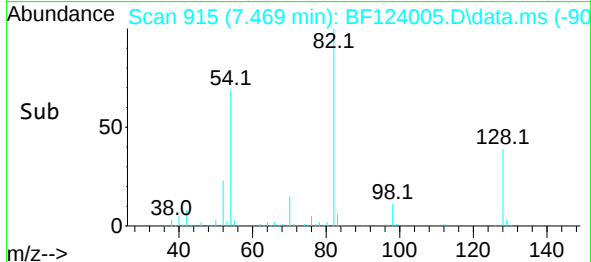
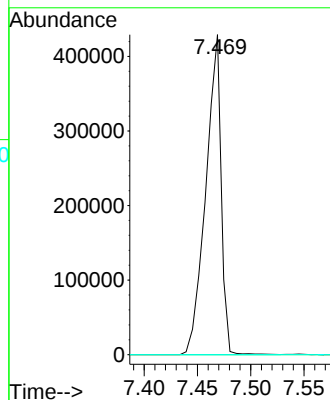
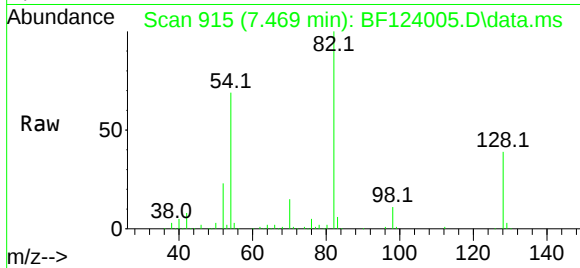




#25
Isophorone
Concen: 42.54 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.253 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

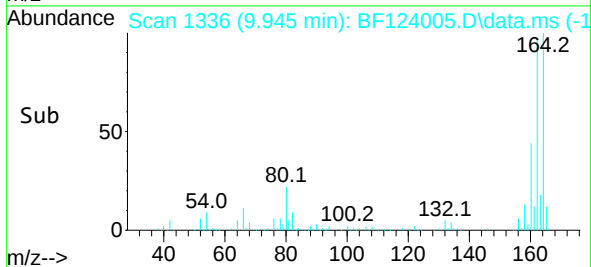
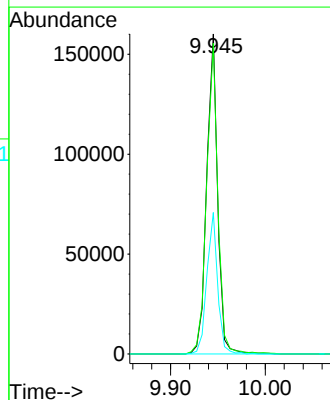
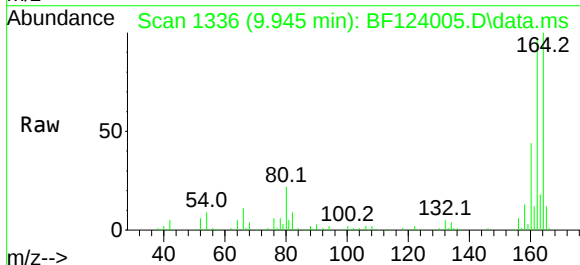
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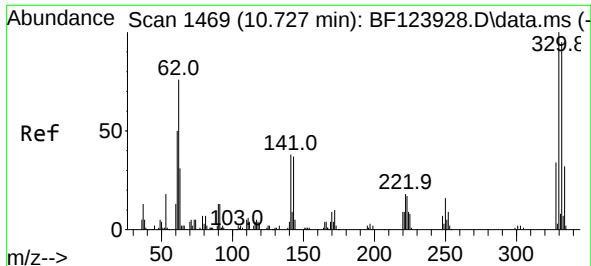
Tgt Ion: 82 Resp: 432765
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

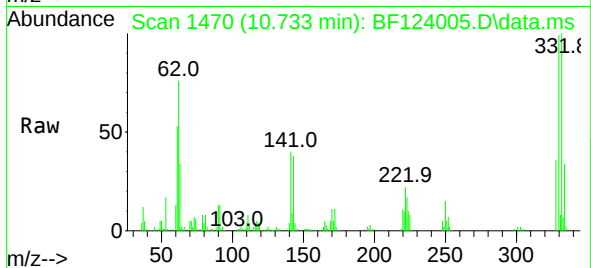
Tgt Ion:164 Resp: 127581
Ion Ratio Lower Upper
164 100
162 97.0 80.7 121.1
160 44.2 37.3 55.9



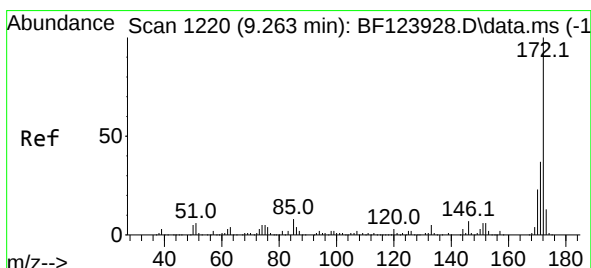
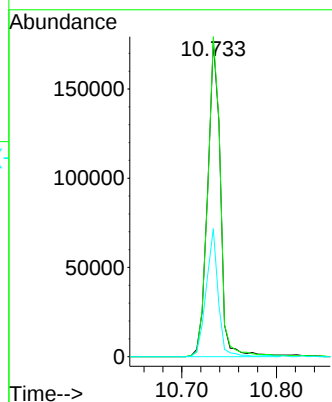
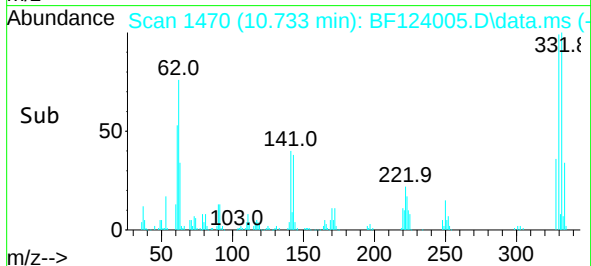


#42
2,4,6-Tribromophenol
Concen: 108.38 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

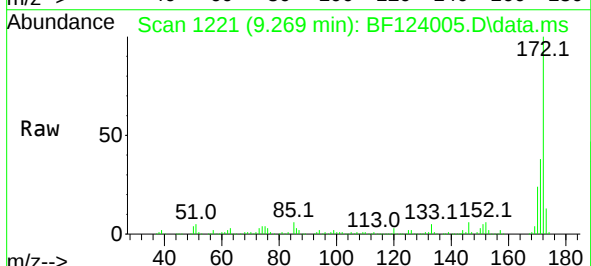
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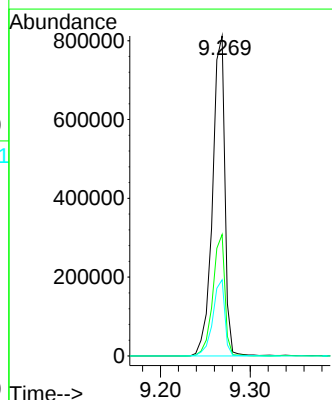
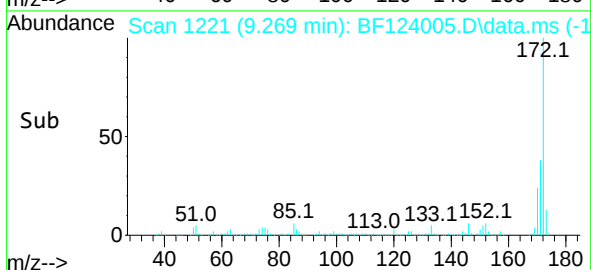
Tgt Ion: 330 Resp: 166084
Ion Ratio Lower Upper
330 100
332 100.8 77.1 115.7
141 37.7 27.9 41.9

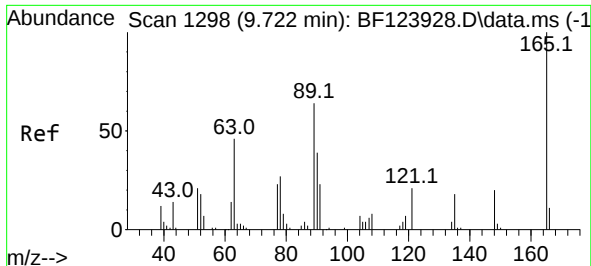


#45
2-Fluorobiphenyl
Concen: 75.10 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47



Tgt Ion: 172 Resp: 778554
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 23.8 19.2 28.8

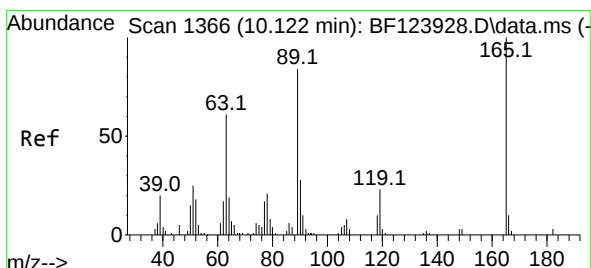
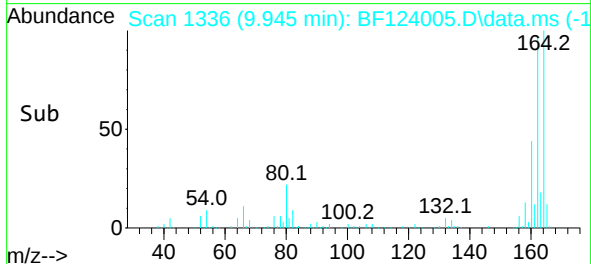
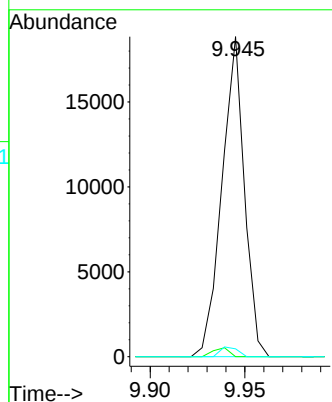
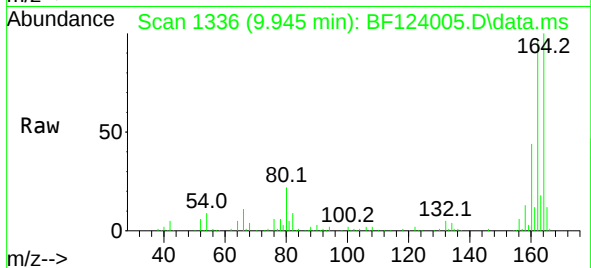




#51
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.223 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

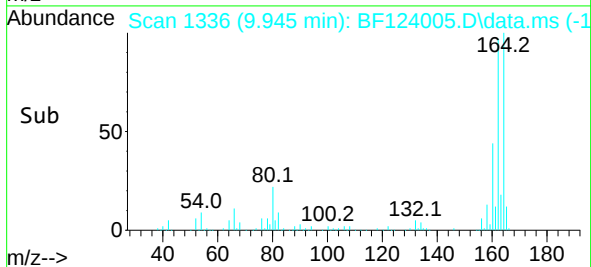
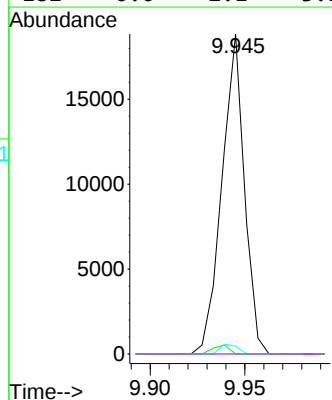
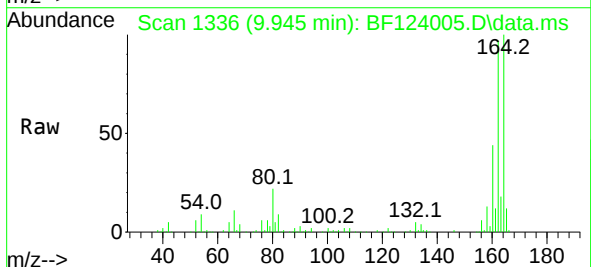
Instrument :
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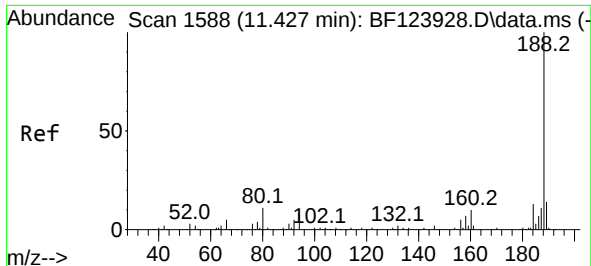
Tgt Ion:165 Resp: 15549
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.5 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.177 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

Tgt Ion:165 Resp: 15549
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.5 67.7 101.5#
182 0.0 2.1 3.1#

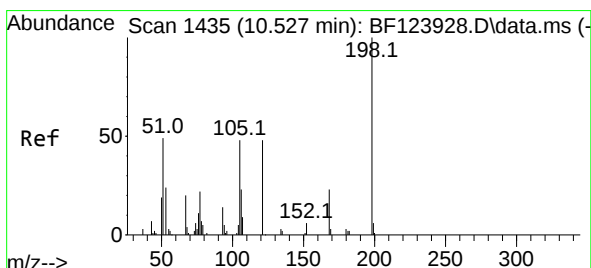
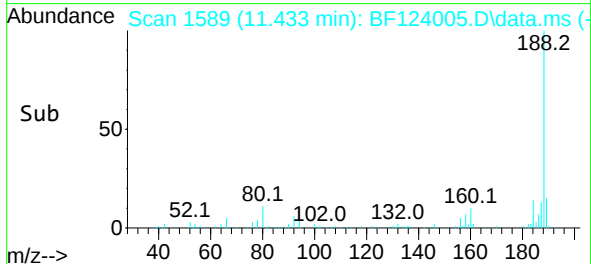
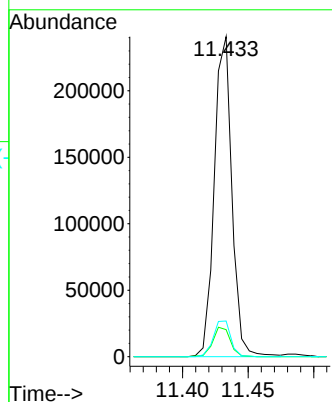
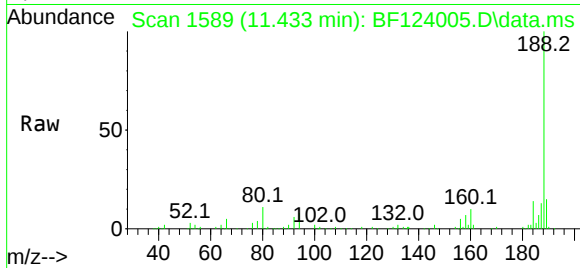




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

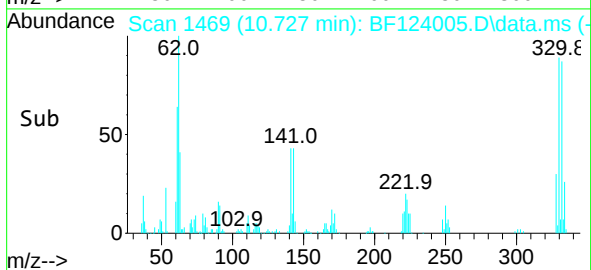
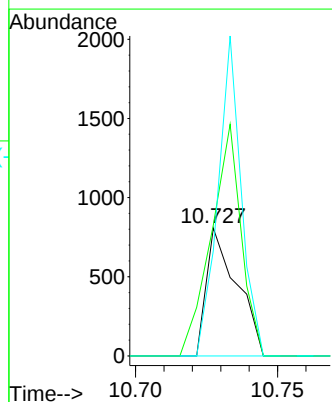
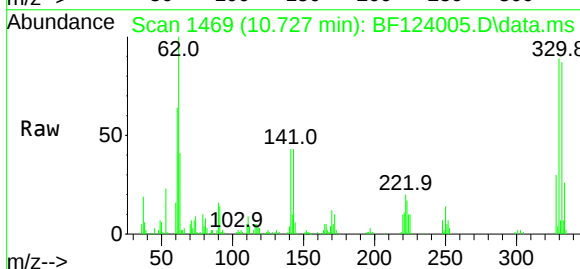
Instrument :
BNA_F
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PB136559BL

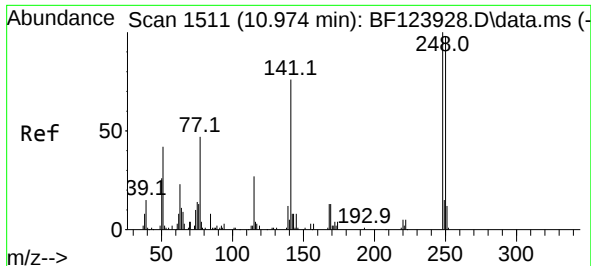
Tgt Ion:188 Resp: 224471
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 11.2 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.80 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

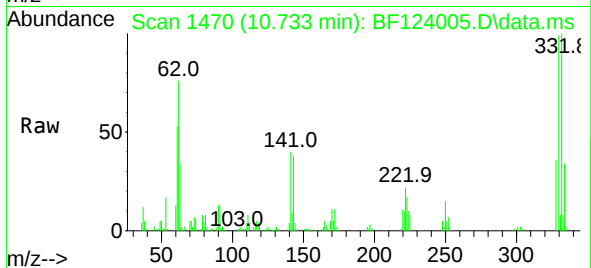
Tgt Ion:198 Resp: 597
Ion Ratio Lower Upper
198 100
51 102.4 64.8 104.8
105 82.4 42.6 82.6



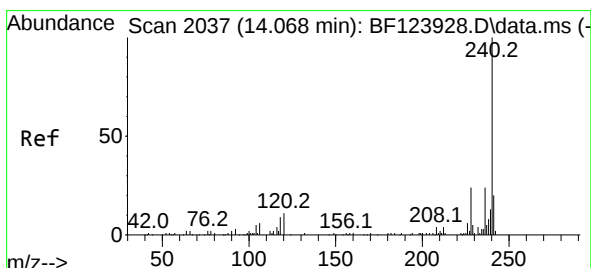
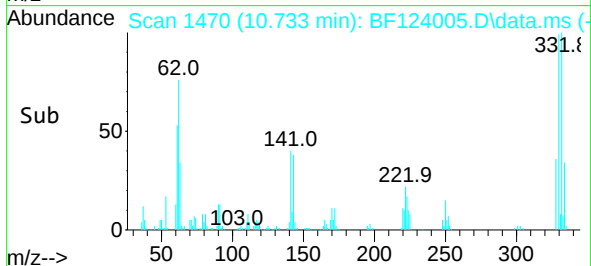
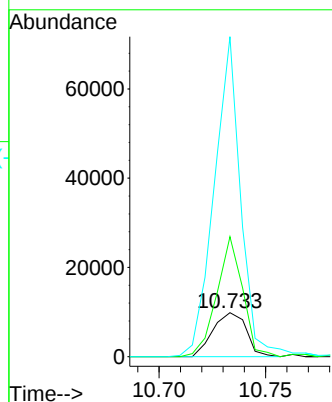


#67
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

Instrument :
BNA_F
ClientSampleId :
PB136559BL

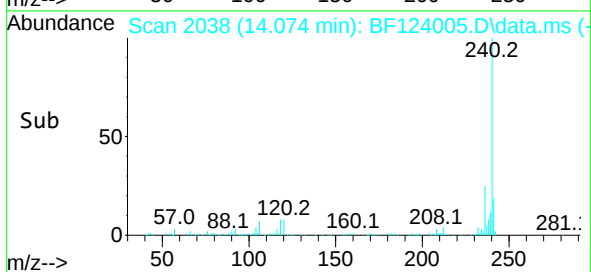
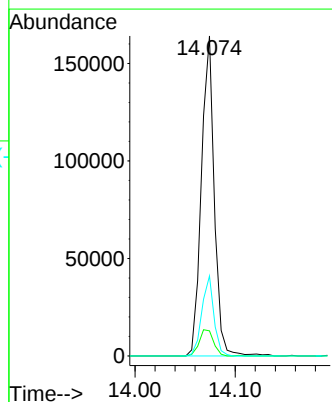
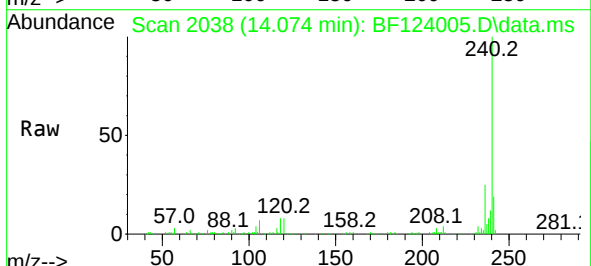


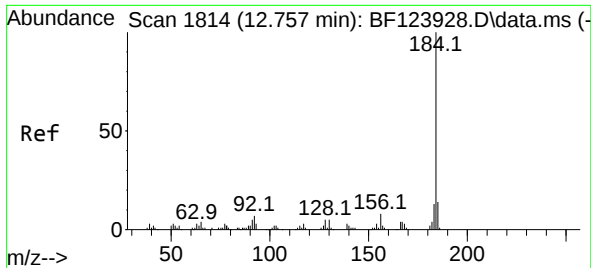
Tgt Ion:248 Resp: 10730
Ion Ratio Lower Upper
248 100
250 273.0 77.4 116.2#
141 728.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

Tgt Ion:240 Resp: 147356
Ion Ratio Lower Upper
240 100
120 7.8 7.2 10.8
236 25.0 19.0 28.4

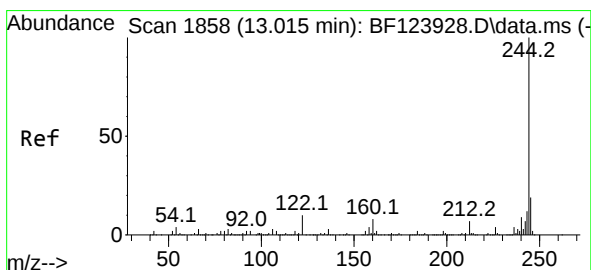
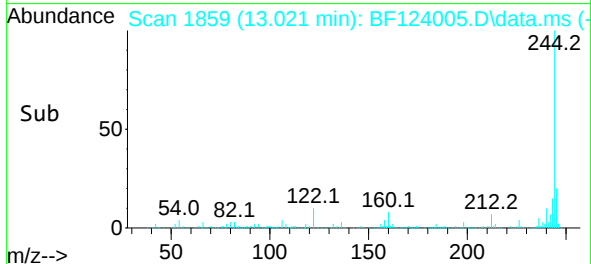
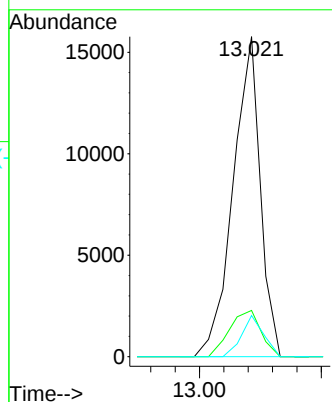
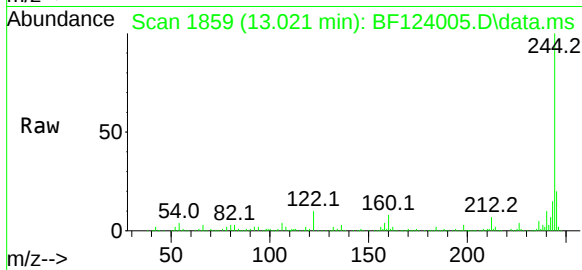




#77
Benzidine
Concen: 3.43 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.265 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

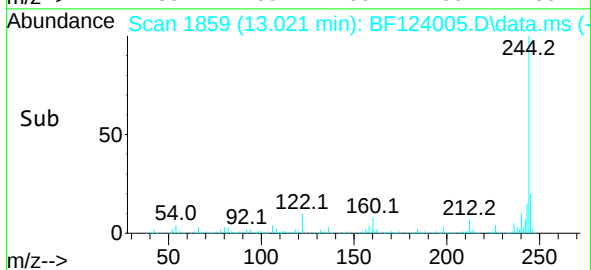
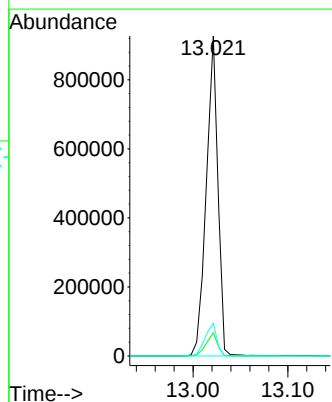
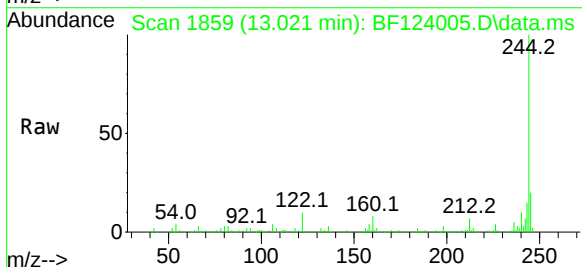
Instrument :
BNA_F
ClientSampleId :
PB136559BL

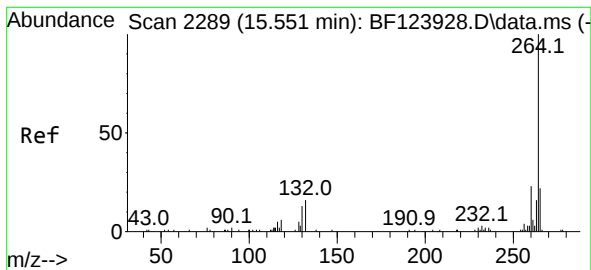
Tgt Ion:184 Resp: 12207
Ion Ratio Lower Upper
184 100
185 14.4 12.1 18.1
183 12.9 7.8 11.8#



#79
Terphenyl-d14
Concen: 81.25 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF124005.D
Acq: 20 May 2021 12:47

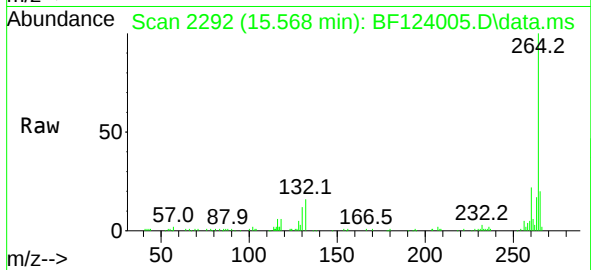
Tgt Ion:244 Resp: 790522
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.1 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF124005.D
 Acq: 20 May 2021 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB136559BL



Tgt Ion:264 Resp: 116997
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.7 28.1
 265 20.4 17.8 26.8

