

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123976.D
 Acq On : 18 May 2021 13:40
 Operator : JU/CG
 Sample : PB136493BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136493BL

Quant Time: May 18 15:09:19 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)

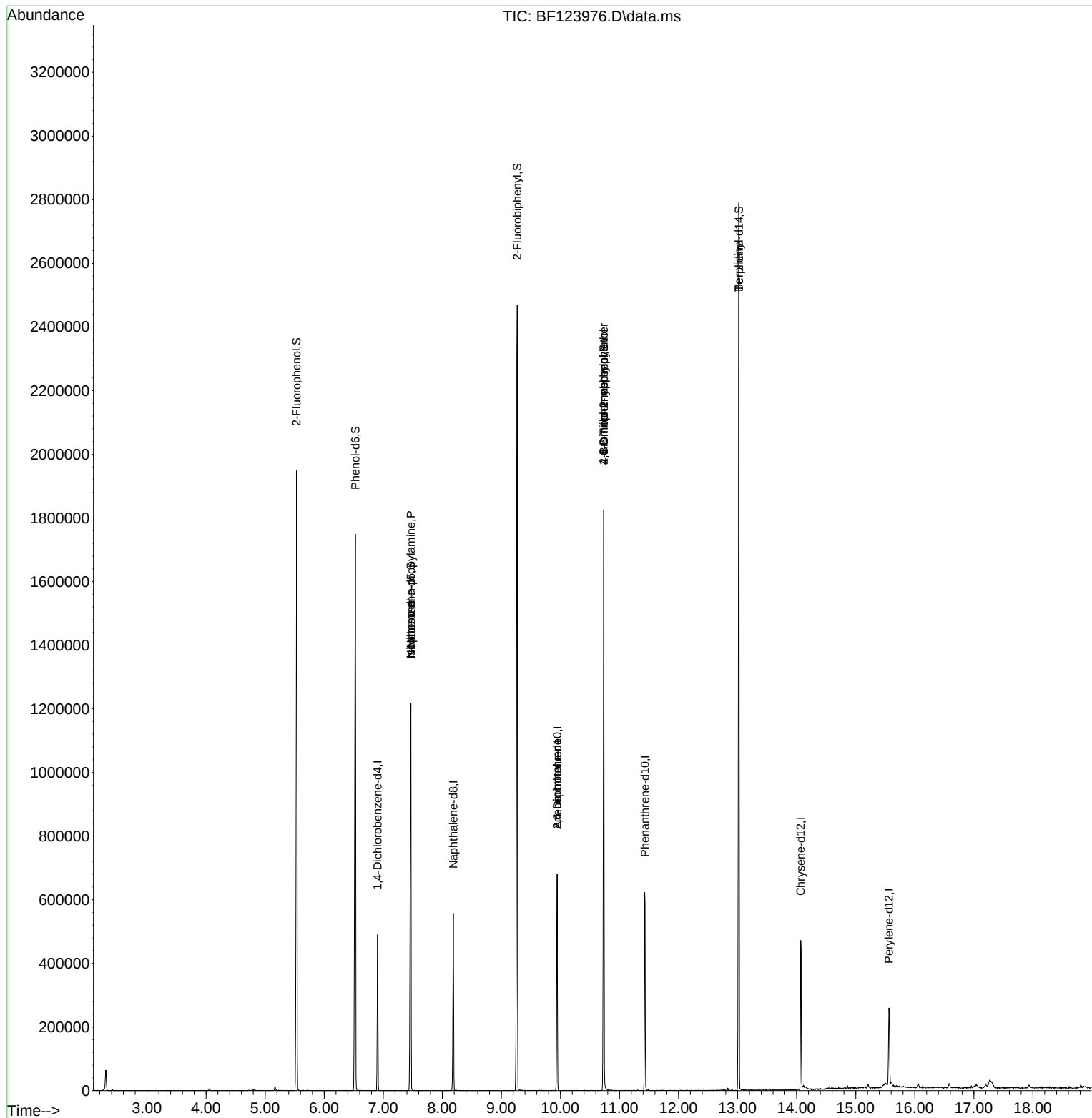
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	55290	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	220528	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	123179	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	222413	20.00	ng	0.00
76) Chrysene-d12	14.068	240	152341	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	109840	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	464719	118.01	ng	0.02
7) Phenol-d6	6.528	99	576280	112.81	ng	0.00
23) Nitrobenzene-d5	7.469	82	423042	82.65	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	173879	117.53	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	766173	76.54	ng	0.00
79) Terphenyl-d14	13.021	244	817038	81.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	60035	17.39	ng	# 75
25) Isophorone	7.469	82	422910	42.95	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	16215	8.15	ng	# 10
57) 2,4-Dinitrotoluene	9.945	165	16215	6.65	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.733	198	596	5.81	ng	# 2
67) 4-Bromophenyl-phenylether	10.733	248	11789	4.03	ng	# 1
77) Benzidine	13.021	184	13560	3.69	ng	94

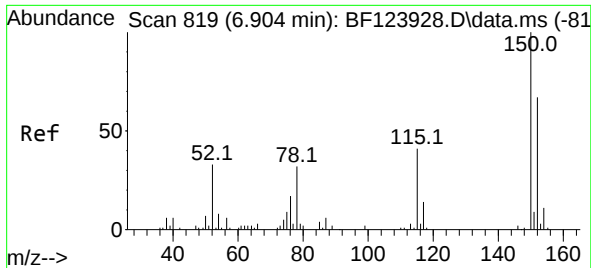
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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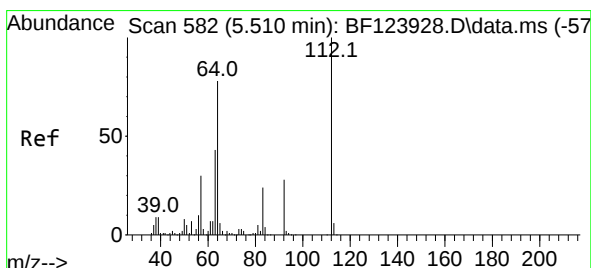
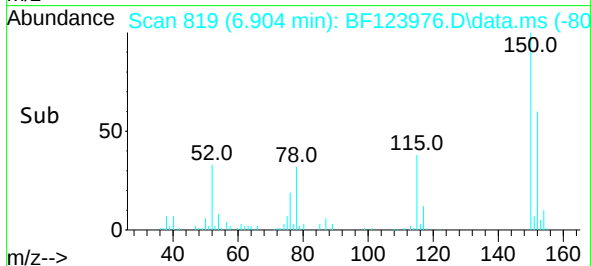
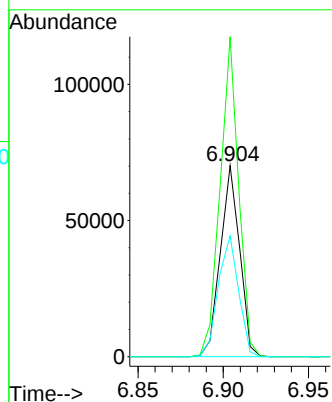
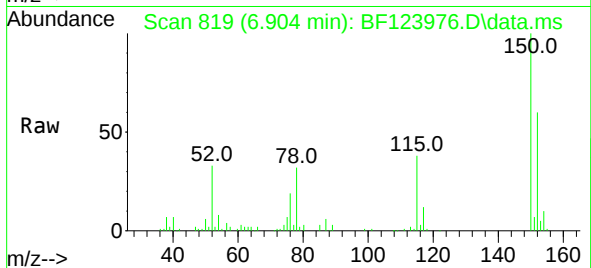




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

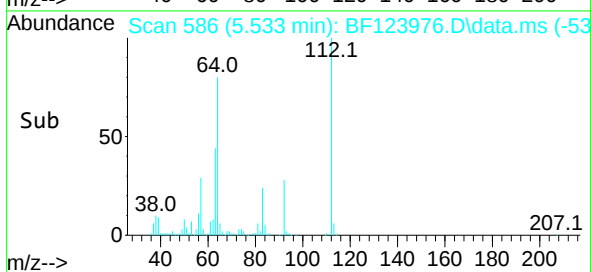
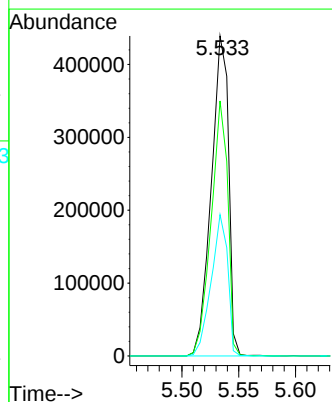
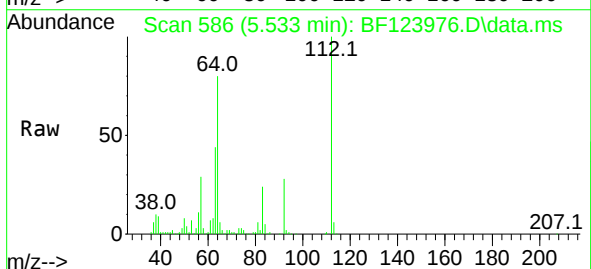
Instrument :
BNA_F
ClientSampleId :
PB136493BL

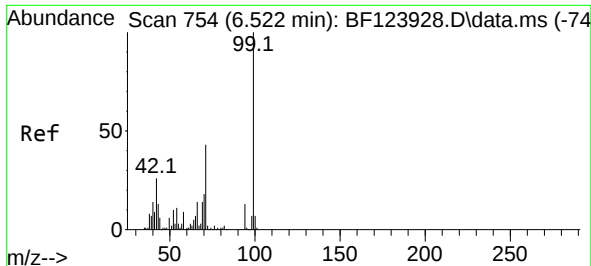
Tgt Ion:152 Resp: 55290
Ion Ratio Lower Upper
152 100
150 167.5 127.0 190.6
115 63.3 54.3 81.5



#5
2-Fluorophenol
Concen: 118.01 ng
RT: 5.533 min Scan# 586
Delta R.T. 0.023 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

Tgt Ion:112 Resp: 464719
Ion Ratio Lower Upper
112 100
64 79.7 61.4 92.0
63 44.1 33.0 49.4

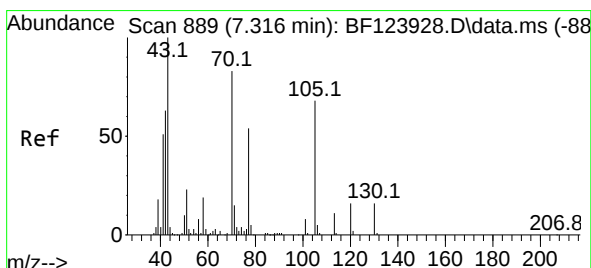
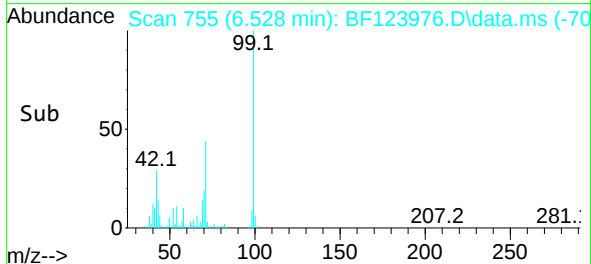
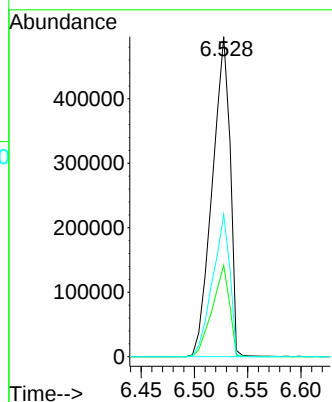
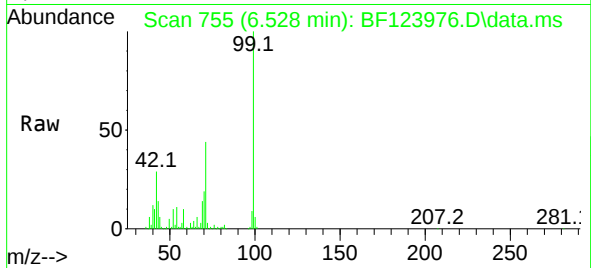




#7
Phenol-d6
Concen: 112.81 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

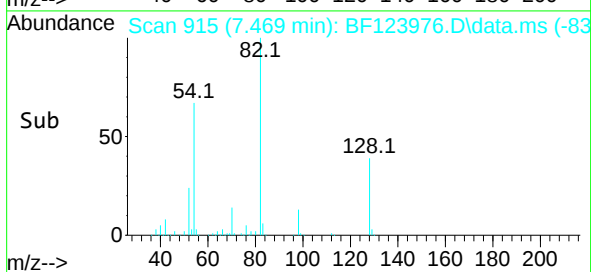
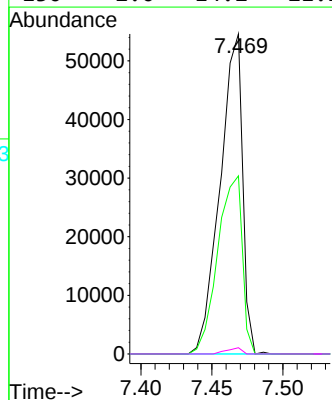
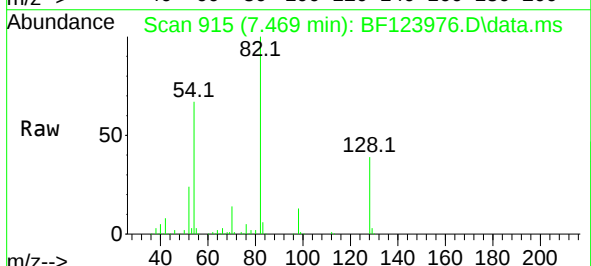
Instrument :
BNA_F
ClientSampleId :
PB136493BL

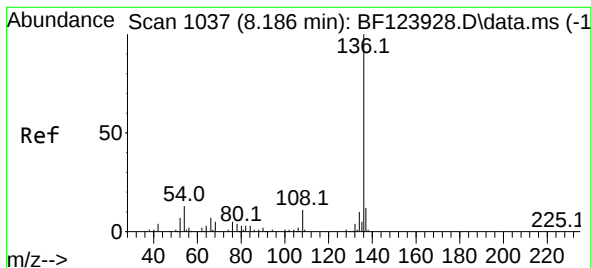
Tgt Ion: 99 Resp: 576280
Ion Ratio Lower Upper
99 100
42 28.6 19.8 29.8
71 44.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.39 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.153 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

Tgt Ion: 70 Resp: 60035
Ion Ratio Lower Upper
70 100
42 55.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

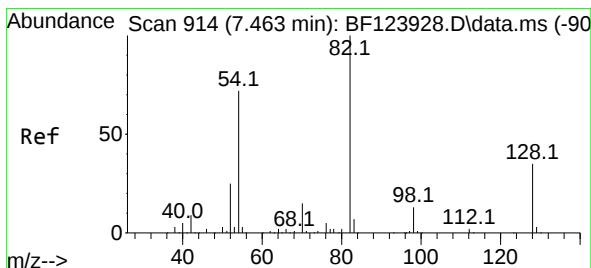
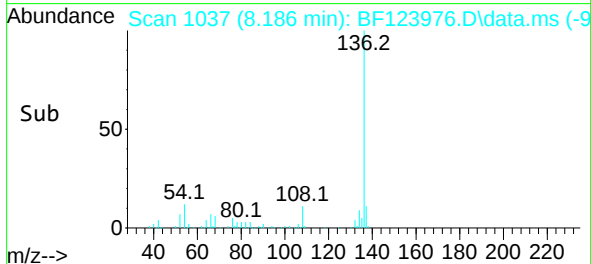
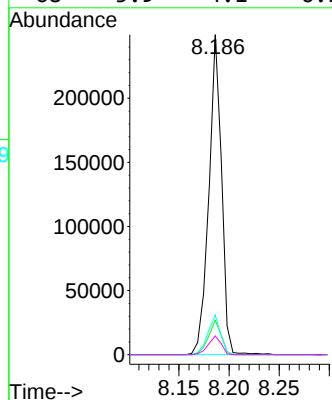
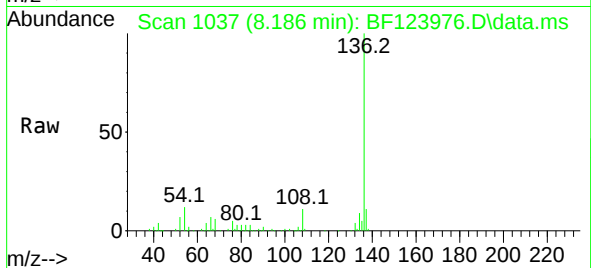




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

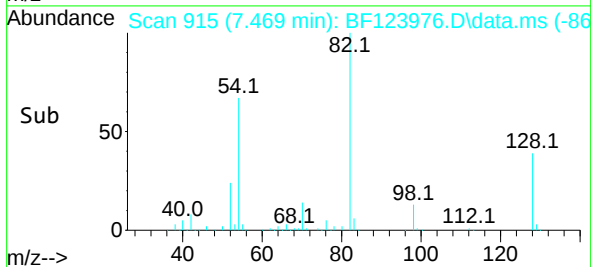
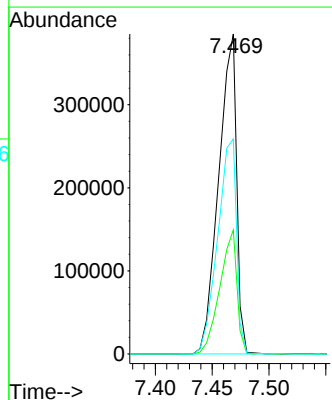
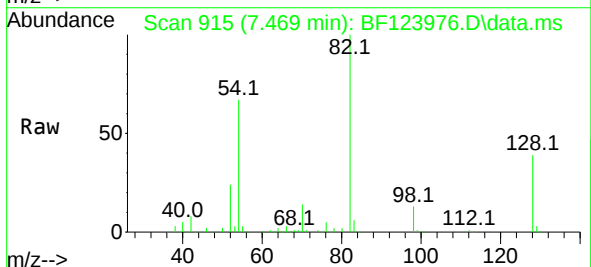
Instrument :
BNA_F
ClientSampleId :
PB136493BL

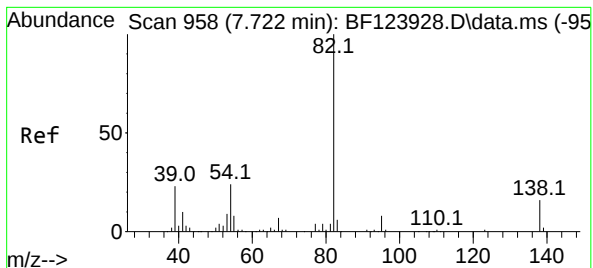
Tgt Ion:	136	Resp:	220528
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	12.4	9.8	14.6
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 82.65 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

Tgt Ion:	82	Resp:	423042
Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	67.2	54.1	81.1





#25

Isophorone

Concen: 42.95 ng

RT: 7.469 min Scan# 915

Delta R.T. -0.253 min

Lab File: BF123976.D

Acq: 18 May 2021 13:40

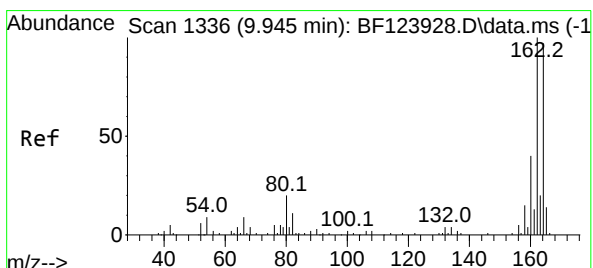
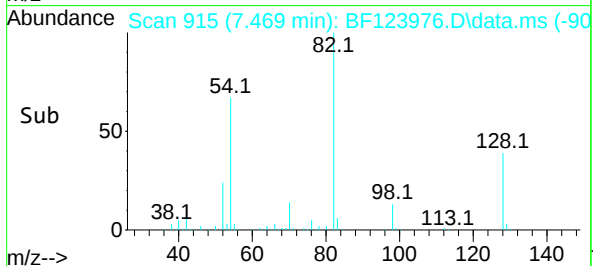
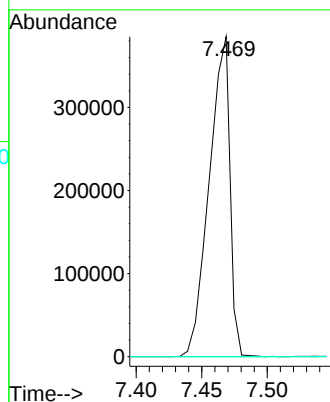
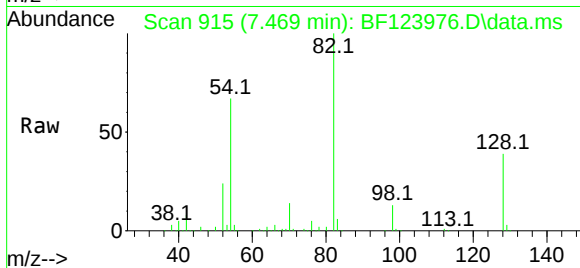
Tgt Ion: 82	Resp: 422910
Ion Ratio	Lower Upper
82	100
95	0.0 5.8 8.6#
138	0.0 11.8 17.8#

Instrument :

BNA_F

ClientSampleId :

PB136493BL



#39

Acenaphthene-d10

Concen: 20.00 ng

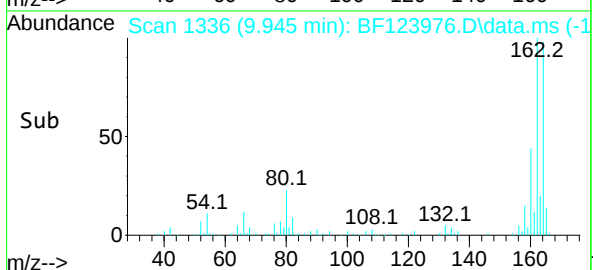
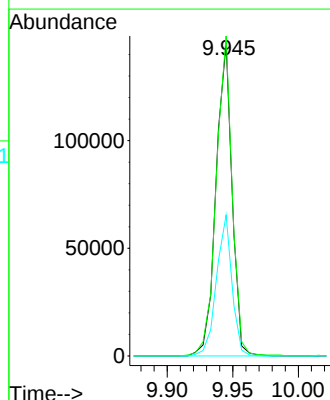
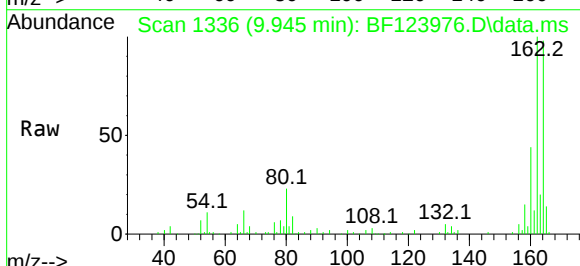
RT: 9.945 min Scan# 1336

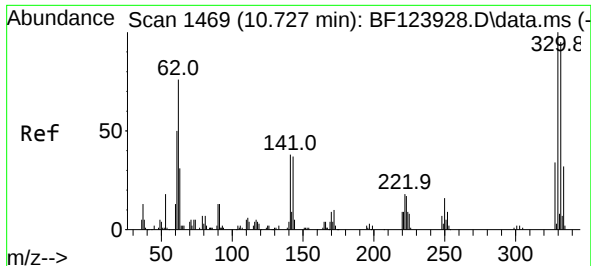
Delta R.T. -0.000 min

Lab File: BF123976.D

Acq: 18 May 2021 13:40

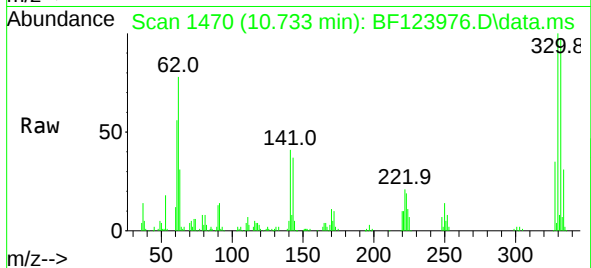
Tgt Ion: 164	Resp: 123179
Ion Ratio	Lower Upper
164	100
162	102.2 80.7 121.1
160	45.0 37.3 55.9



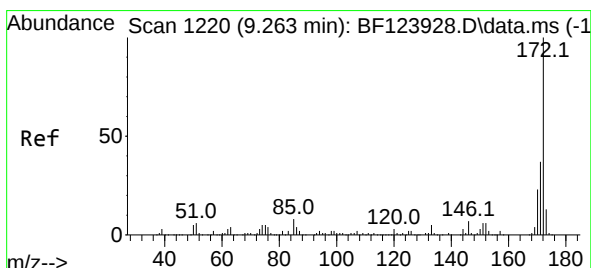
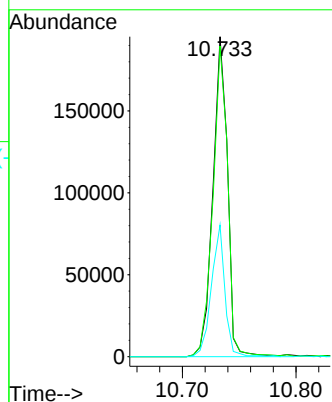
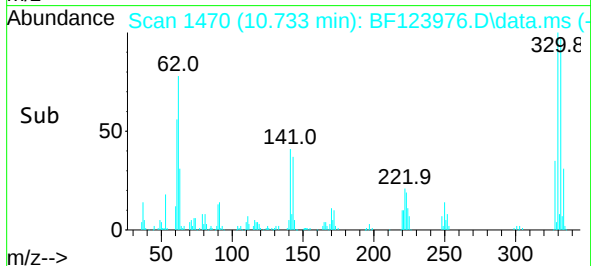


#42
2,4,6-Tribromophenol
Concen: 117.53 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

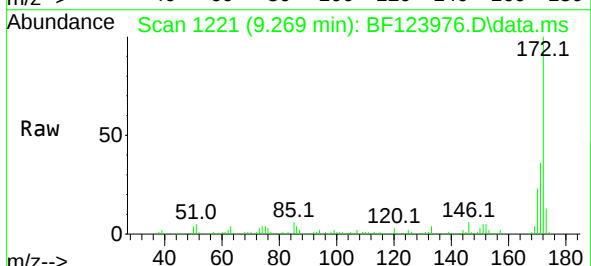
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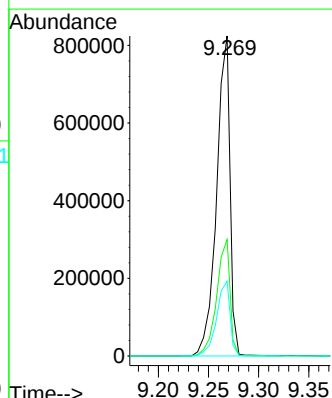
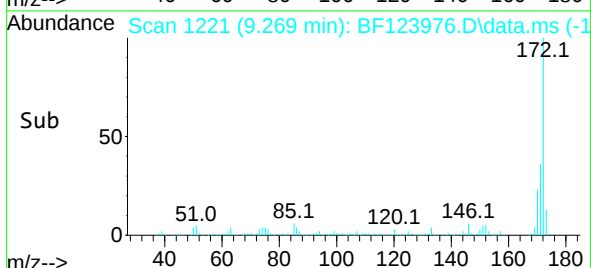
Tgt Ion: 330 Resp: 173879
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 38.3 27.9 41.9

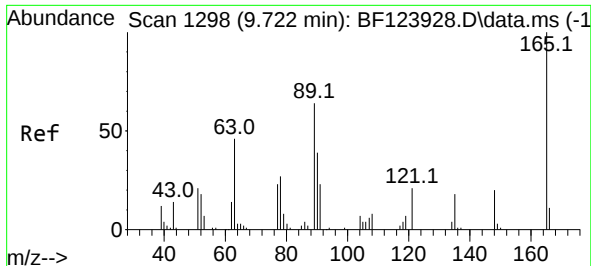


#45
2-Fluorobiphenyl
Concen: 76.54 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40



Tgt Ion: 172 Resp: 766173
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 23.4 19.2 28.8

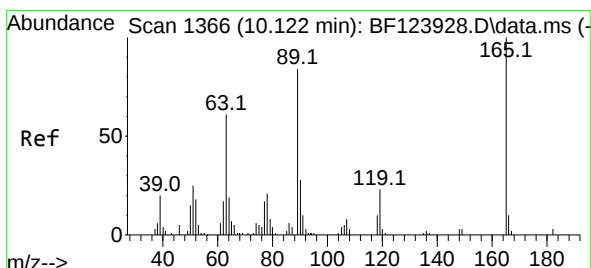
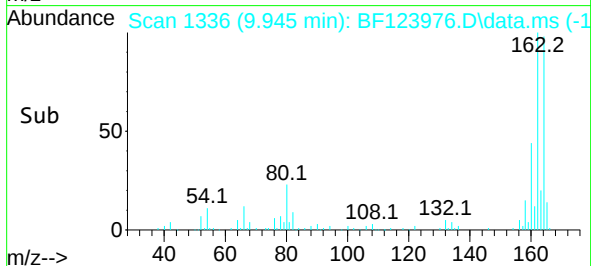
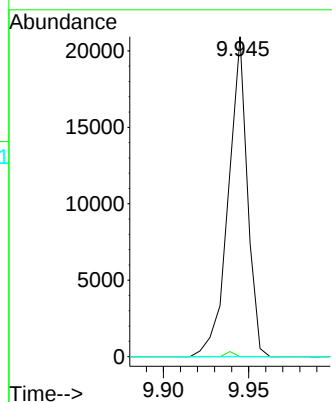
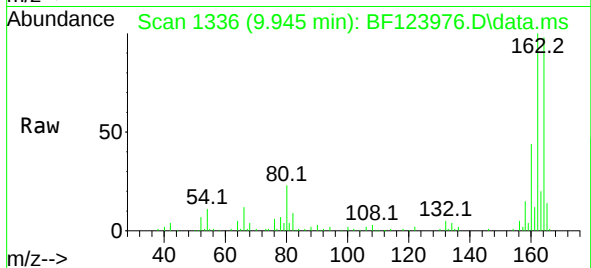




#51
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.223 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

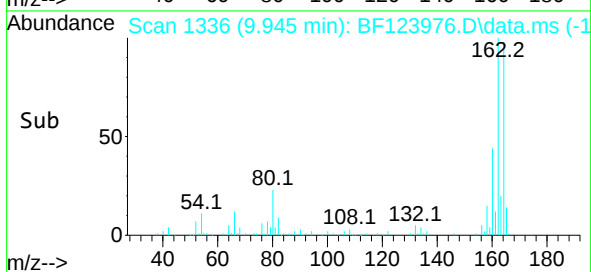
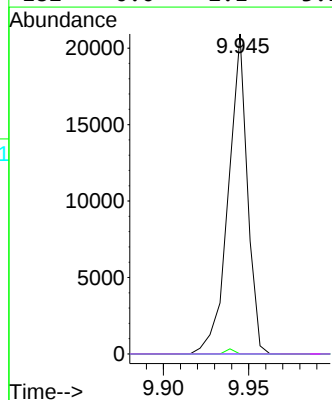
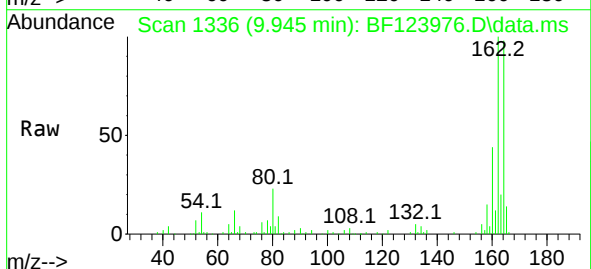
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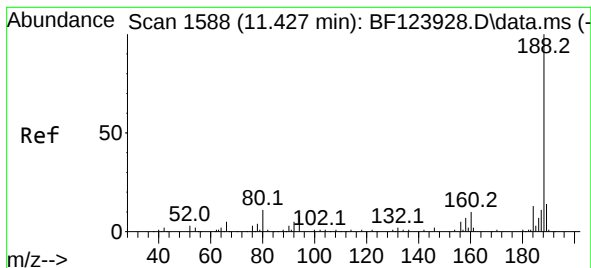
Tgt Ion:165 Resp: 16215
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.177 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

Tgt Ion:165 Resp: 16215
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#

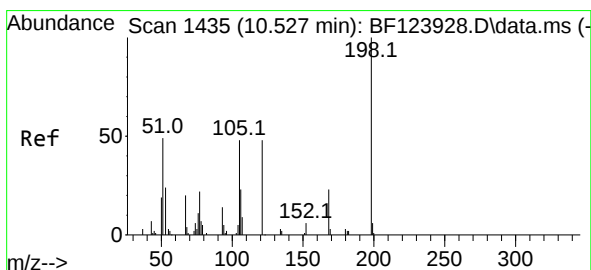
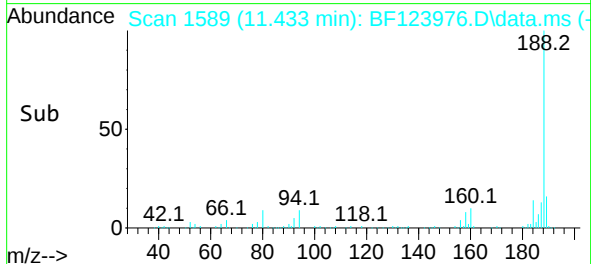
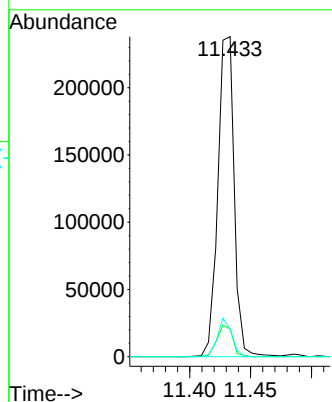
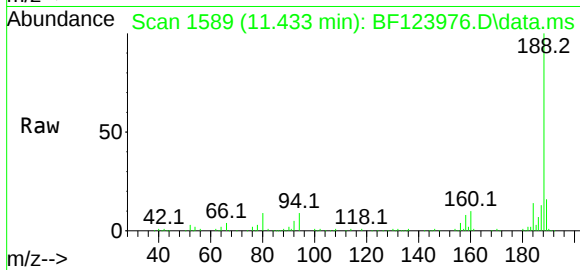




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

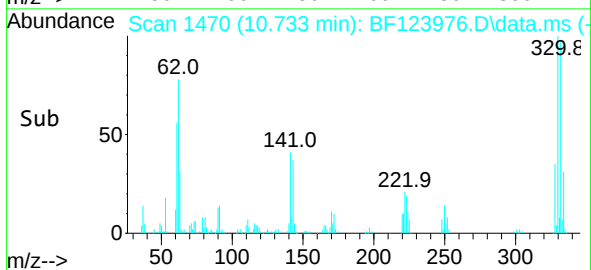
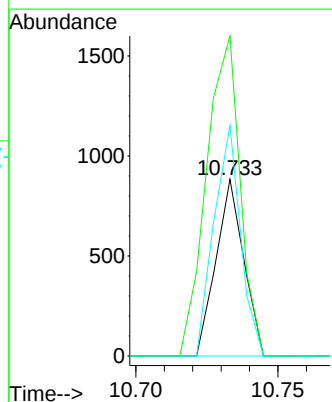
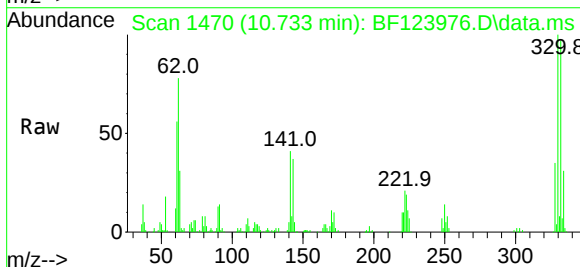
Instrument :
BNA_F
ClientSampleId :
PB136493BL

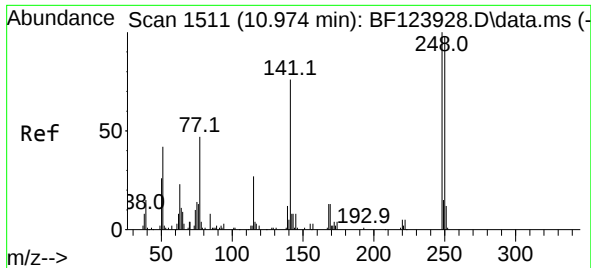
Tgt Ion:188 Resp: 222413
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 8.5 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.81 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

Tgt Ion:198 Resp: 596
Ion Ratio Lower Upper
198 100
51 181.2 64.8 104.8#
105 130.6 42.6 82.6#

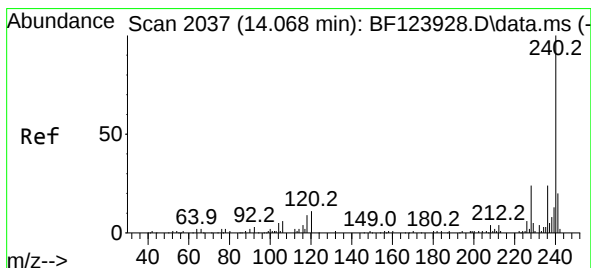
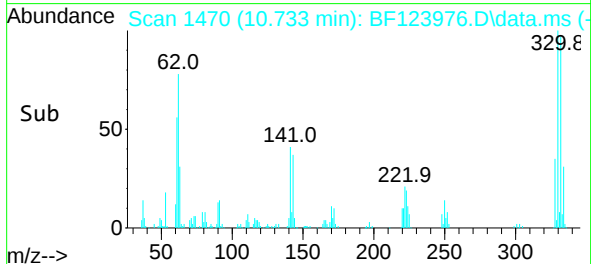
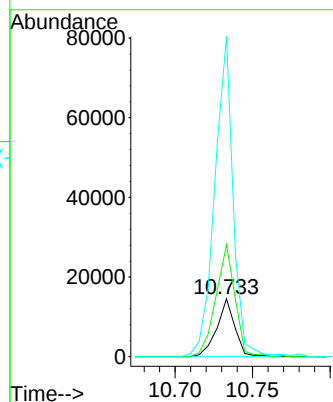
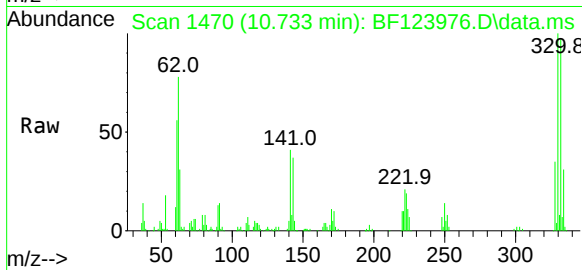




#67
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

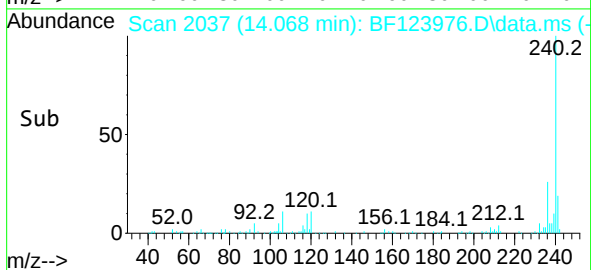
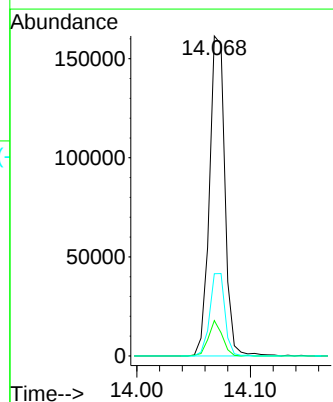
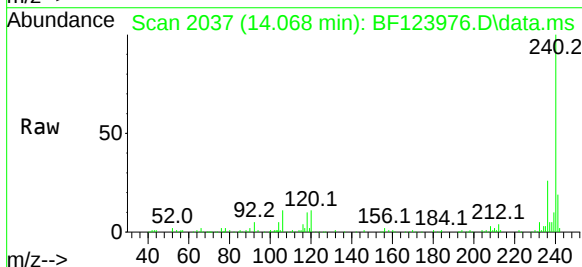
Instrument :
BNA_F
ClientSampleId :
PB136493BL

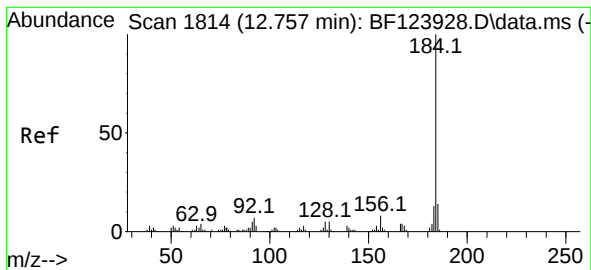
Tgt Ion:248 Resp: 11789
Ion Ratio Lower Upper
248 100
250 193.4 77.4 116.2#
141 552.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123976.D
Acq: 18 May 2021 13:40

Tgt Ion:240 Resp: 152341
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 25.7 19.0 28.4





#77

Benzidine

Concen: 3.69 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.265 min

Lab File: BF123976.D

Acq: 18 May 2021 13:40

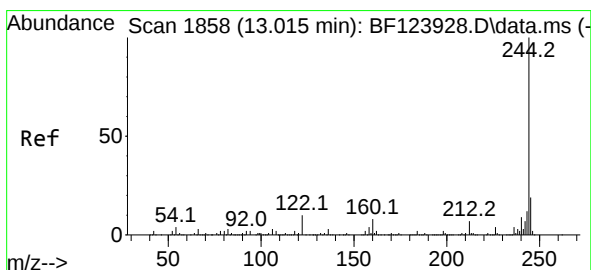
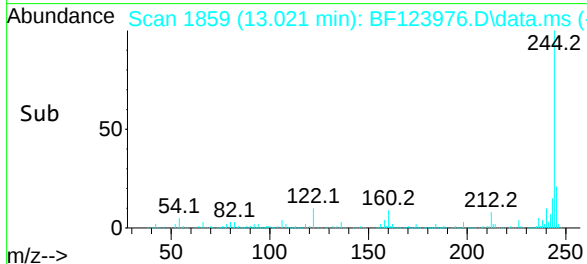
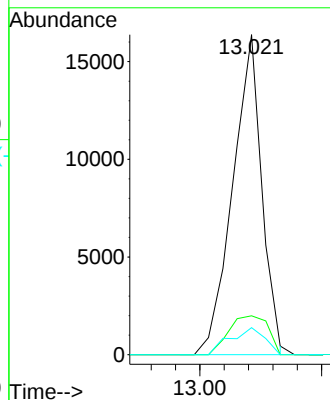
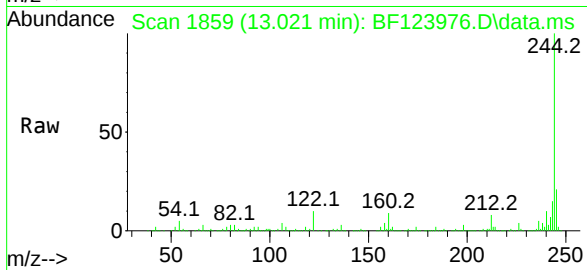
Tgt Ion:184 Resp: 13560

Ion Ratio Lower Upper

184 100

185 12.1 12.1 18.1

183 8.5 7.8 11.8



#79

Terphenyl-d14

Concen: 81.23 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.006 min

Lab File: BF123976.D

Acq: 18 May 2021 13:40

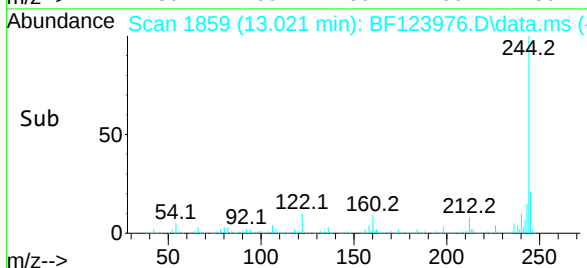
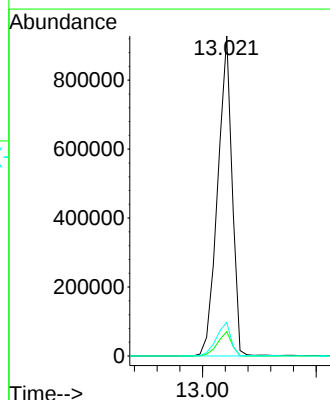
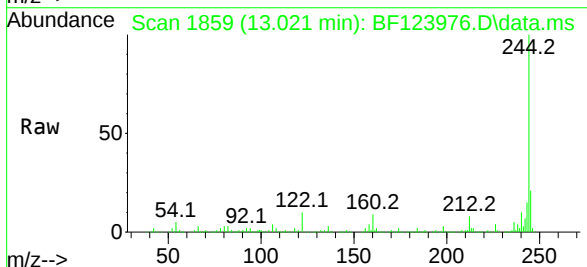
Tgt Ion:244 Resp: 817038

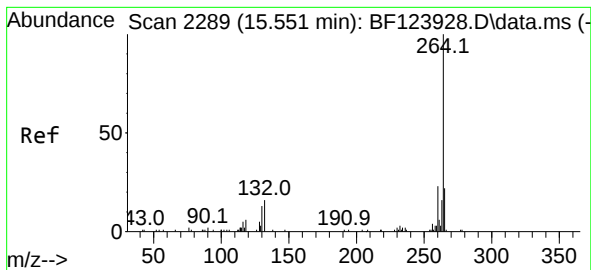
Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 10.5 9.7 14.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.562 min Scan# 2291

Delta R.T. 0.012 min

Lab File: BF123976.D

Acq: 18 May 2021 13:40

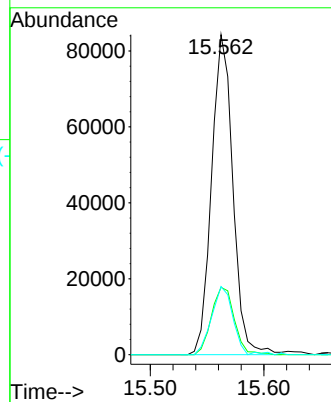
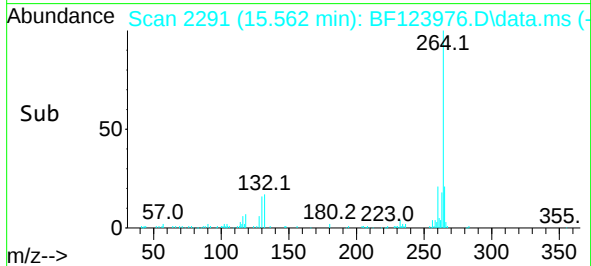
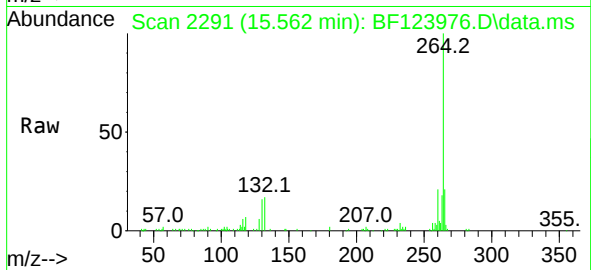
Tgt Ion:264 Resp: 109840

Ion Ratio Lower Upper

264 100

260 21.0 18.7 28.1

265 21.3 17.8 26.8



Instrument :

BNA_F

ClientSampleId :

PB136493BL