

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124018.D
 Acq On : 21 May 2021 15:00
 Operator : JU/CG
 Sample : PB136585BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136585BL

Quant Time: May 21 15:27:19 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)

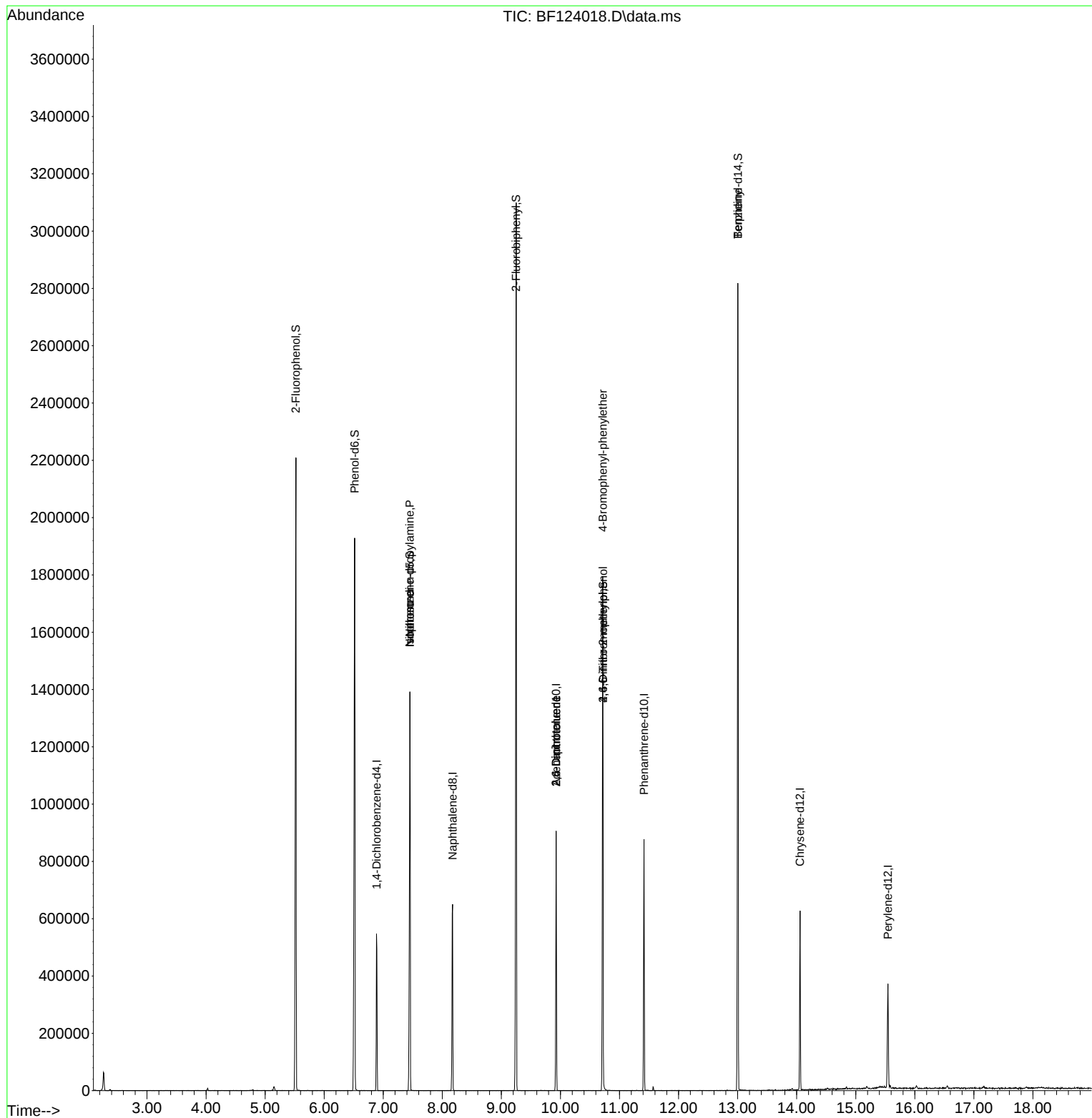
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	67733	20.00	ng	-0.02
21) Naphthalene-d8	8.175	136	270210	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	151916	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	270645	20.00	ng	-0.01
76) Chrysene-d12	14.057	240	182669	20.00	ng	-0.01
86) Perylene-d12	15.545	264	150621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	503490	104.37	ng	0.01
7) Phenol-d6	6.516	99	628592	100.45	ng	0.00
23) Nitrobenzene-d5	7.451	82	456799	72.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	177777	97.43	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	820612	66.47	ng	-0.01
79) Terphenyl-d14	13.004	244	866347	71.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	64536	15.26	ng	# 77
25) Isophorone	7.451	82	456367	37.83	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	19632	8.00	ng	# 12
57) 2,4-Dinitrotoluene	9.927	165	19632	6.52	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.722	198	498	5.69	ng	# 46
67) 4-Bromophenyl-phenylether	10.716	248	11891	3.34	ng	# 1
77) Benzidine	13.004	184	13770	3.12	ng	# 92

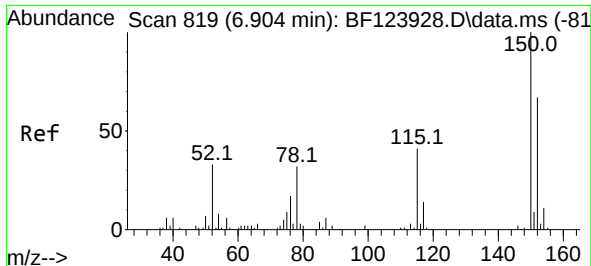
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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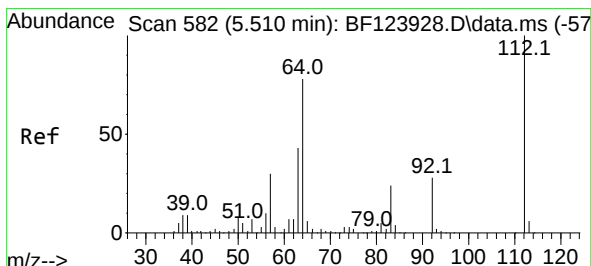
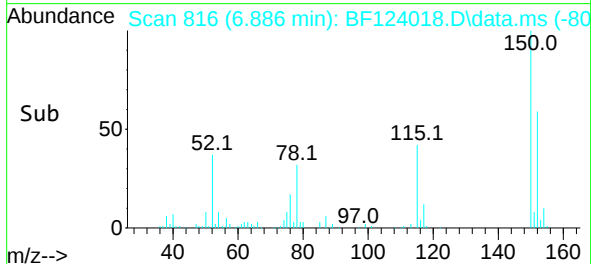
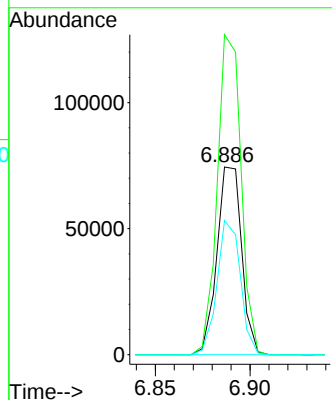
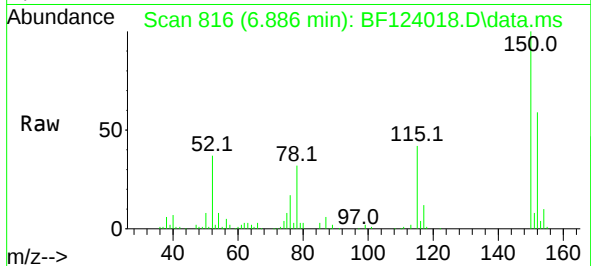




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

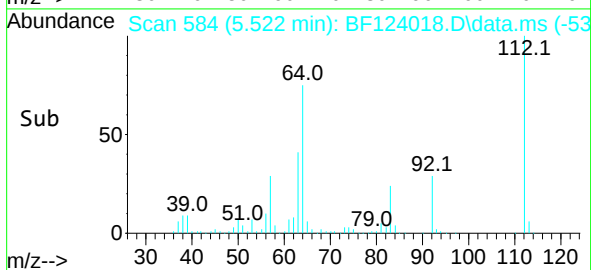
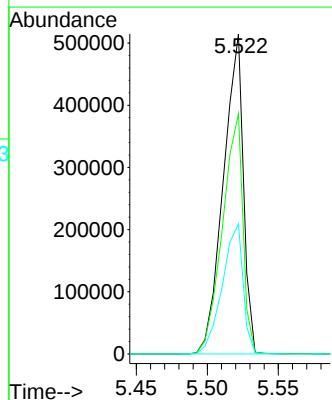
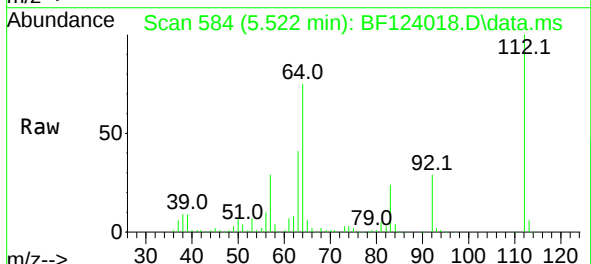
Instrument :
BNA_F
ClientSampleId :
PB136585BL

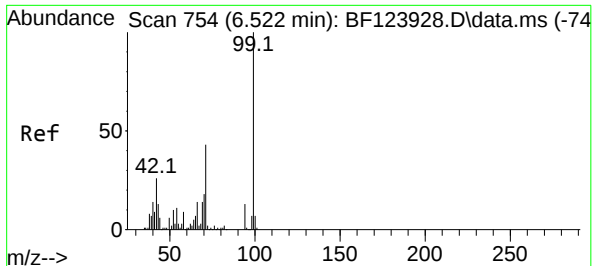
Tgt Ion:152 Resp: 67733
Ion Ratio Lower Upper
152 100
150 170.4 127.0 190.6
115 71.4 54.3 81.5



#5
2-Fluorophenol
Concen: 104.37 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Tgt Ion:112 Resp: 503490
Ion Ratio Lower Upper
112 100
64 75.1 61.4 92.0
63 40.6 33.0 49.4

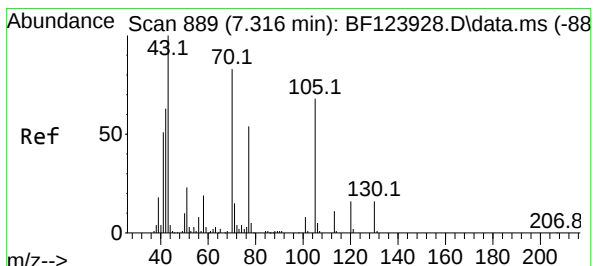
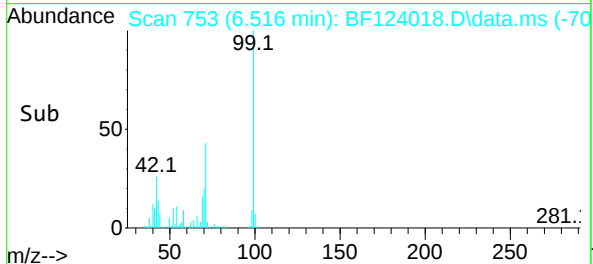
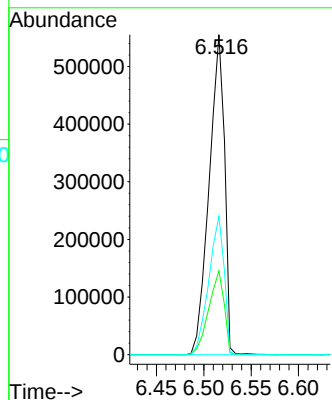
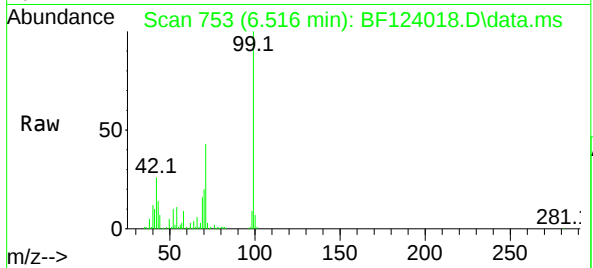




#7
Phenol-d6
Concen: 100.45 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

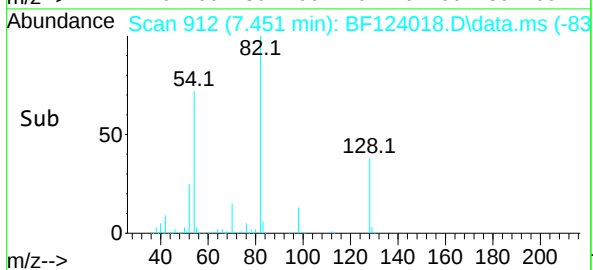
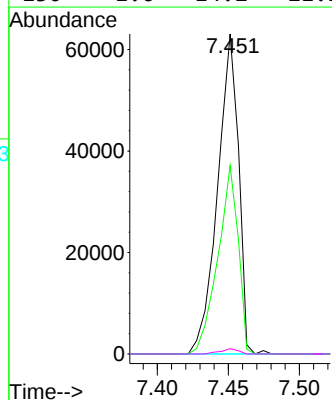
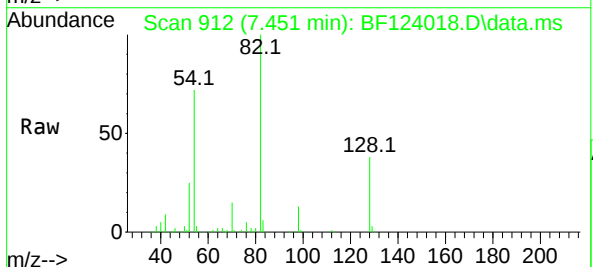
Instrument :
BNA_F
ClientSampleId :
PB136585BL

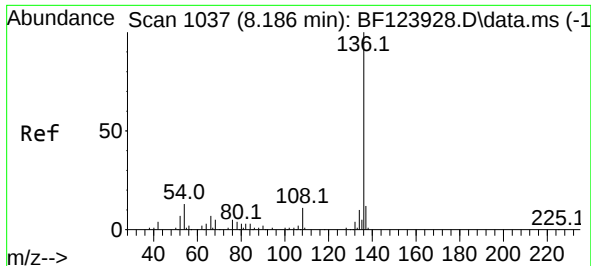
Tgt Ion: 99 Resp: 628592
Ion Ratio Lower Upper
99 100
42 26.2 19.8 29.8
71 43.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.26 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

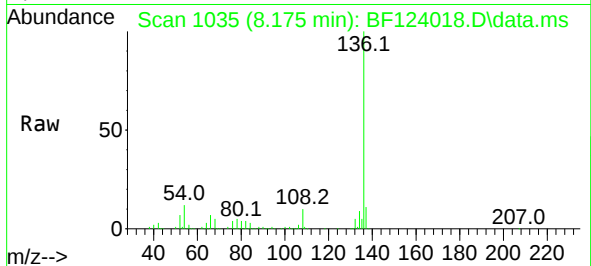
Tgt Ion: 70 Resp: 64536
Ion Ratio Lower Upper
70 100
42 58.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



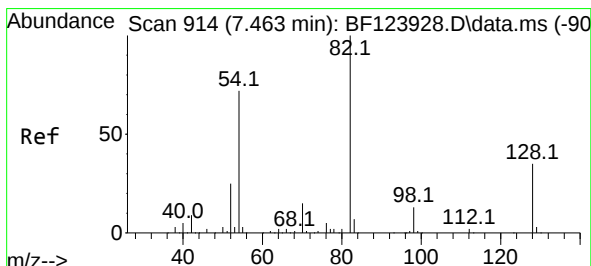
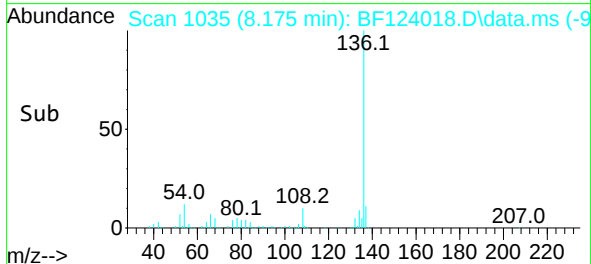
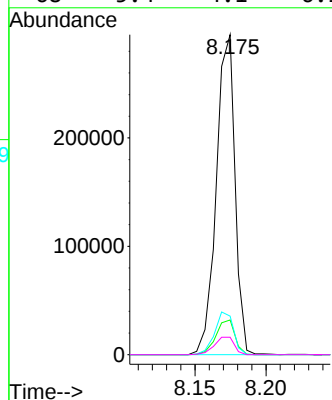


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Instrument :
BNA_F
ClientSampleId :
PB136585BL

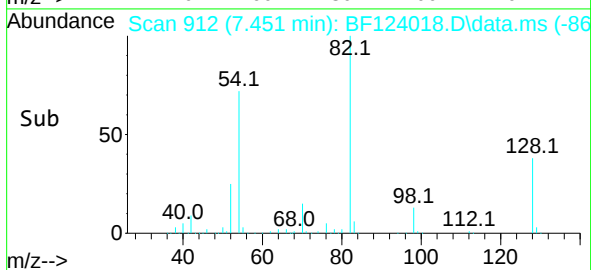
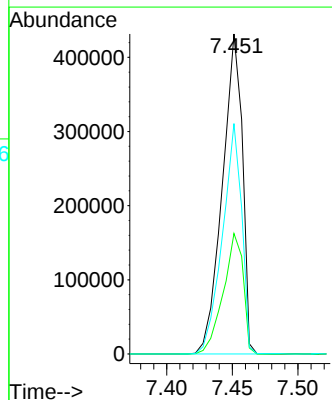
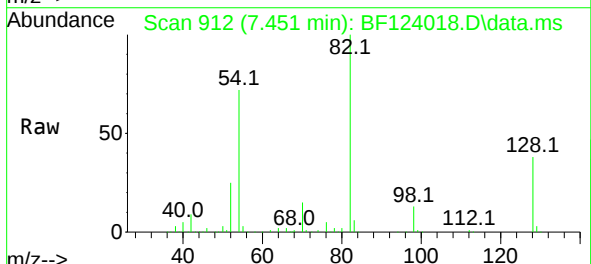


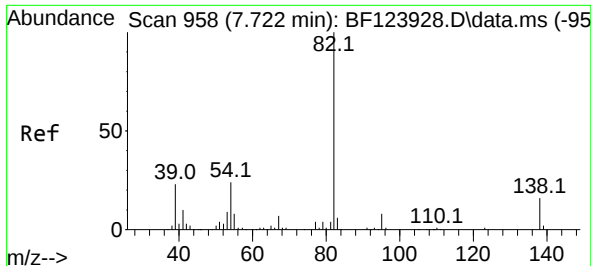
Tgt Ion:136 Resp: 270210
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 12.0 9.8 14.6
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 72.84 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Tgt Ion: 82 Resp: 456799
Ion Ratio Lower Upper
82 100
128 37.7 29.4 44.2
54 72.0 54.1 81.1

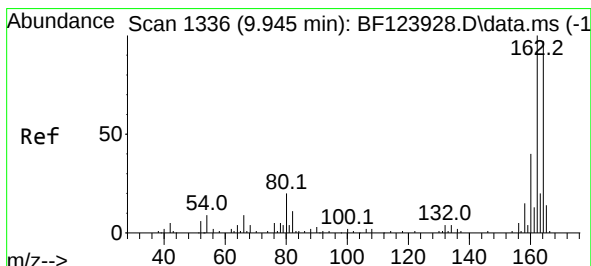
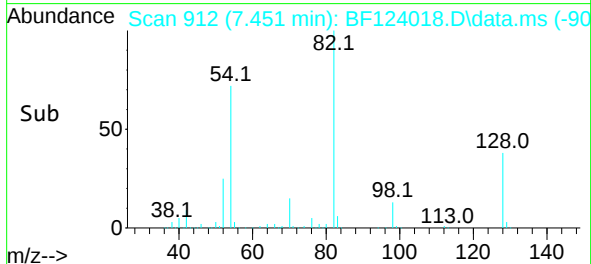
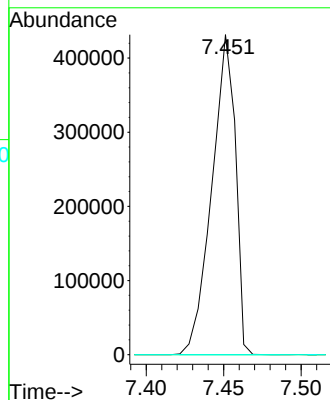
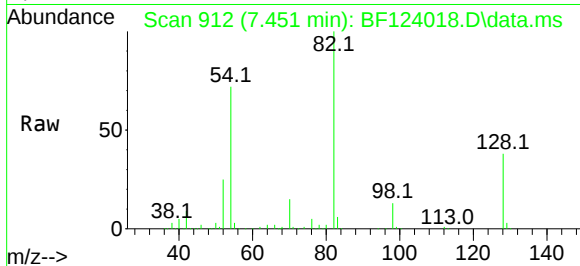




#25
Isophorone
Concen: 37.83 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

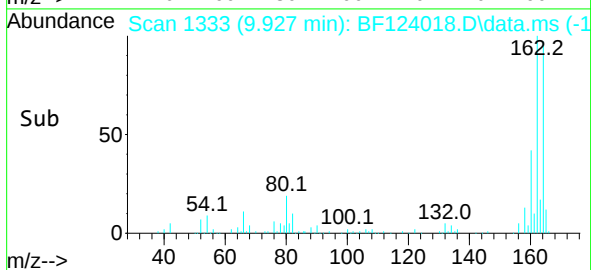
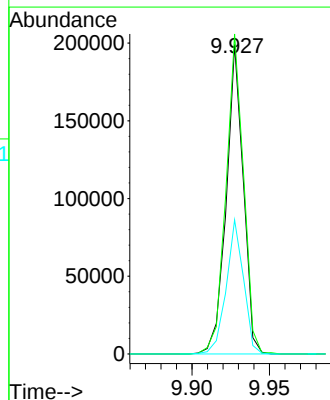
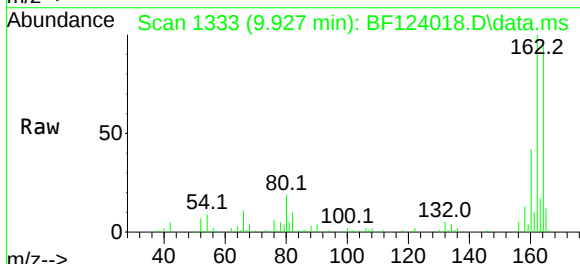
Instrument :
BNA_F
ClientSampleId :
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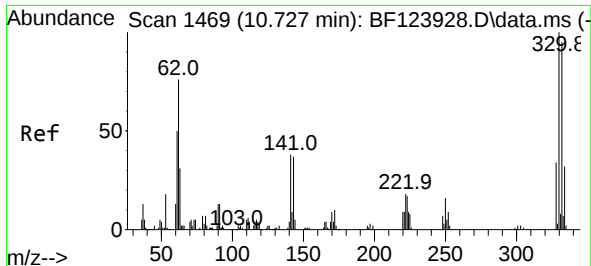
Tgt Ion: 82 Resp: 456367
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Tgt Ion: 164 Resp: 151916
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 43.3 37.3 55.9

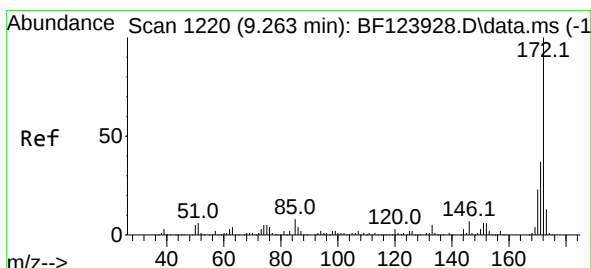
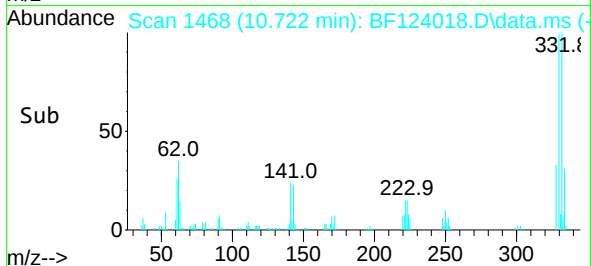
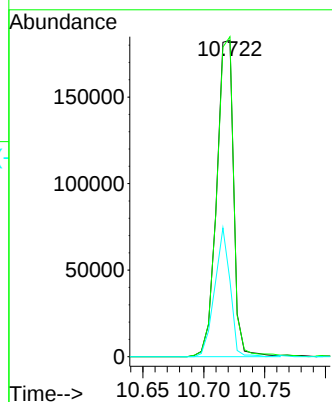
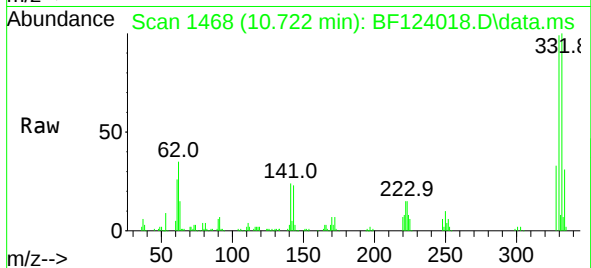




#42
2,4,6-Tribromophenol
Concen: 97.43 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

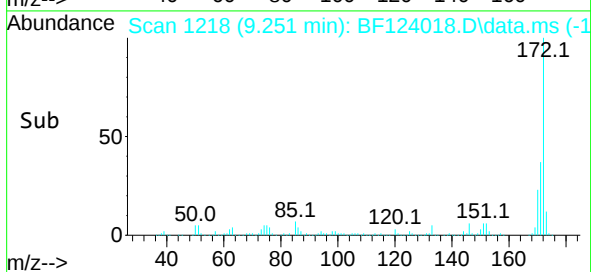
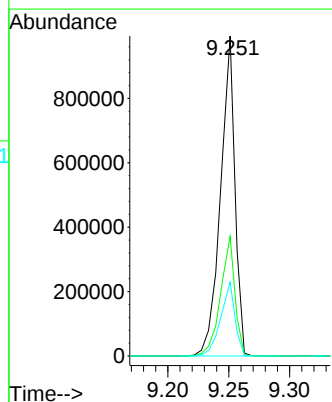
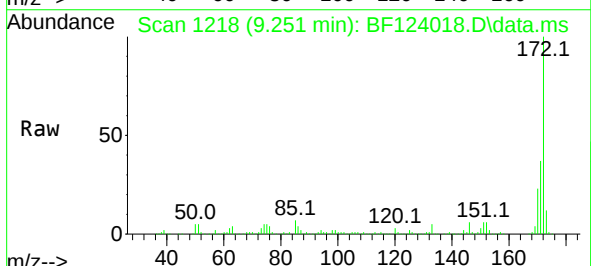
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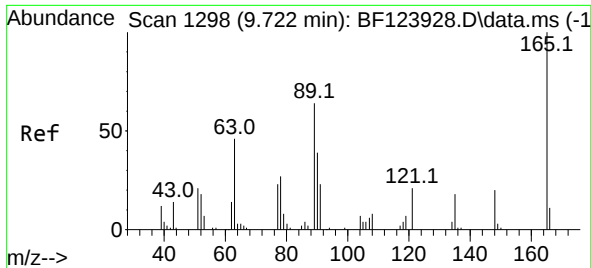
Tgt Ion:330 Resp: 177777
Ion Ratio Lower Upper
330 100
332 100.3 77.1 115.7
141 36.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 66.47 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Tgt Ion:172 Resp: 820612
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.1 19.2 28.8

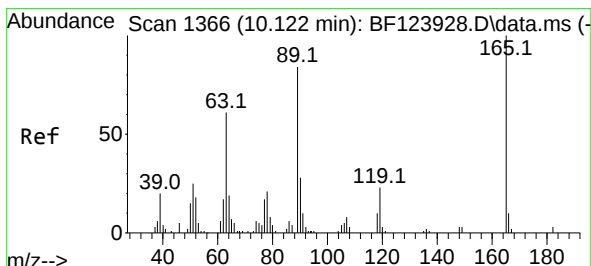
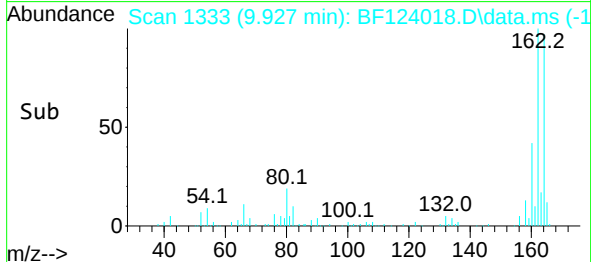
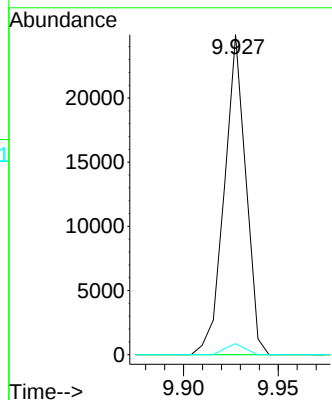
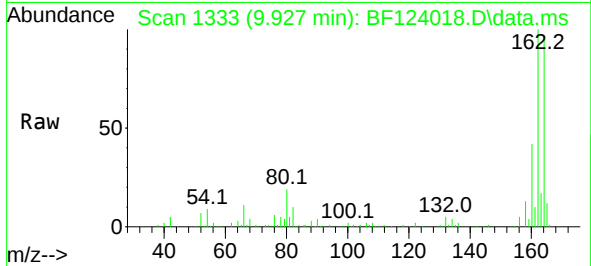




#51
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

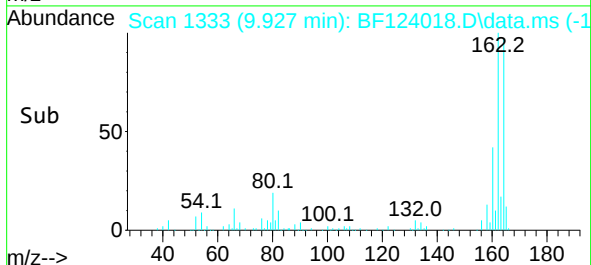
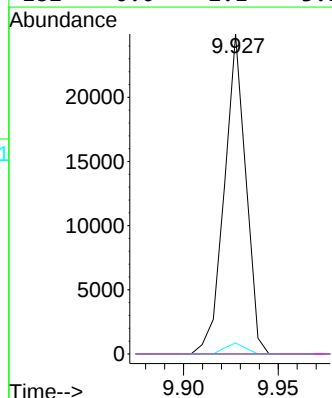
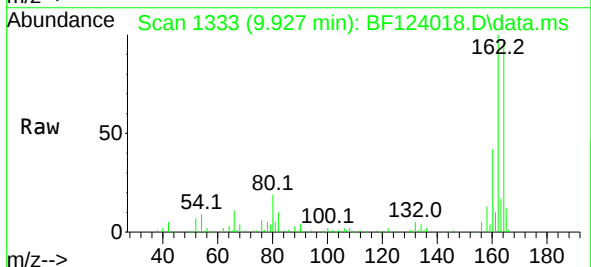
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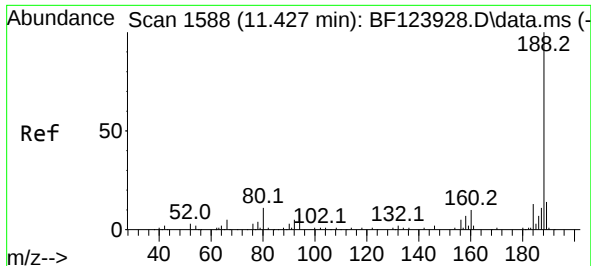
Tgt Ion:165 Resp: 19632
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.4 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.52 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Tgt Ion:165 Resp: 19632
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.4 67.7 101.5#
182 0.0 2.1 3.1#

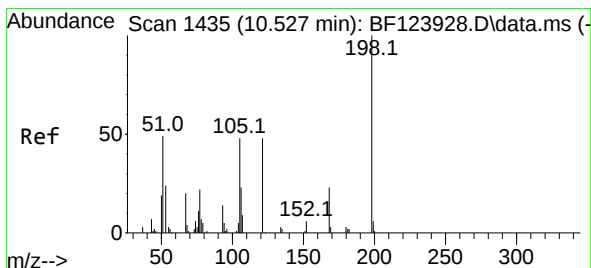
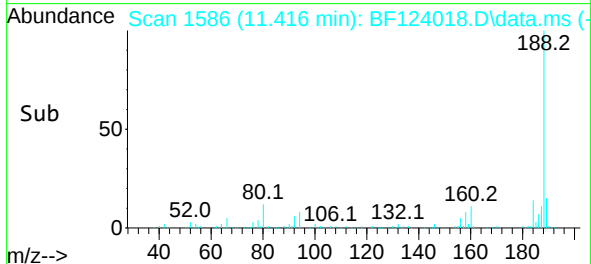
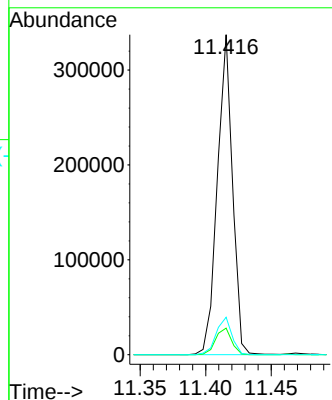
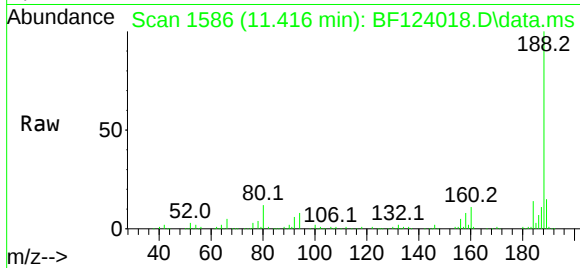




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

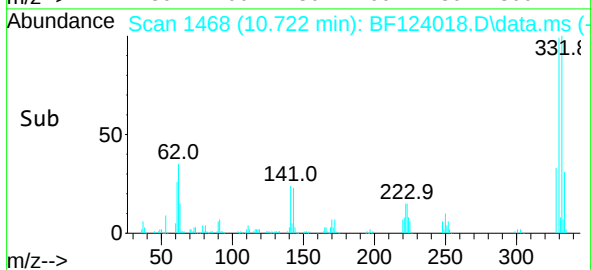
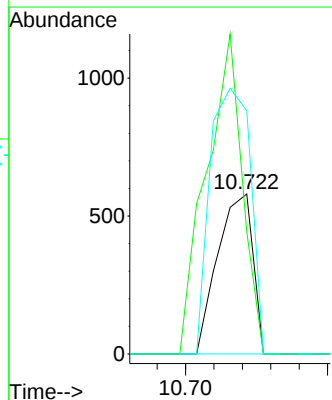
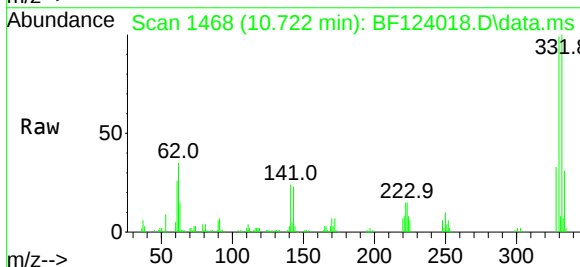
Instrument :
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ClientSampleId :
PB136585BL

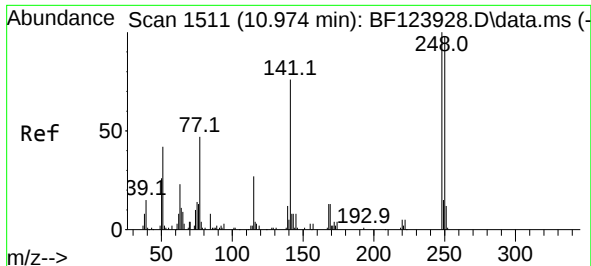
Tgt Ion:188 Resp: 270645
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 11.7 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.69 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.195 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

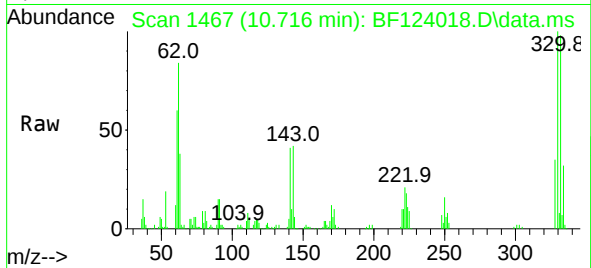
Tgt Ion:198 Resp: 498
Ion Ratio Lower Upper
198 100
51 76.4 64.8 104.8
105 152.1 42.6 82.6#



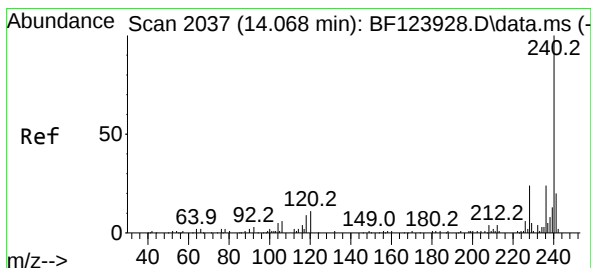
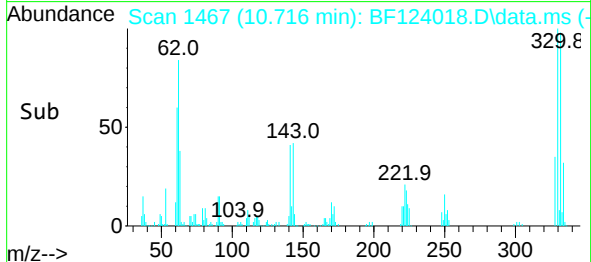
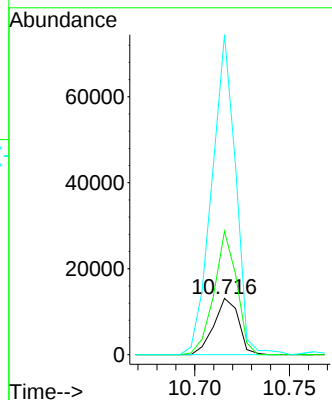


#67
4-Bromophenyl-phenylether
Concen: 3.34 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.259 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Instrument :
BNA_F
ClientSampleId :
PB136585BL

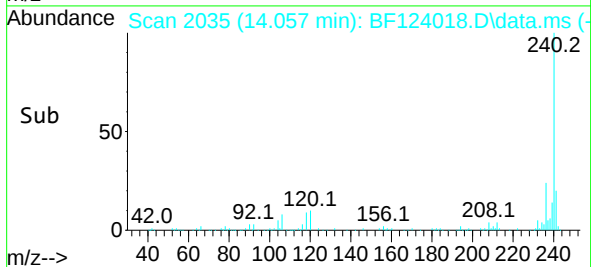
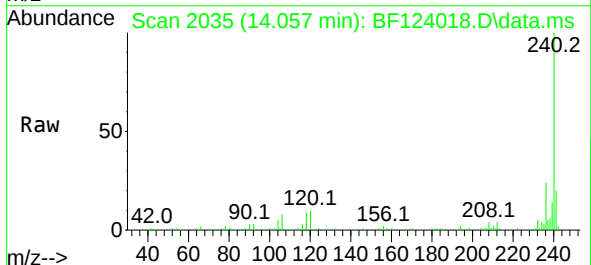
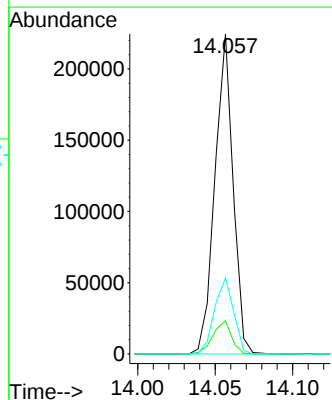


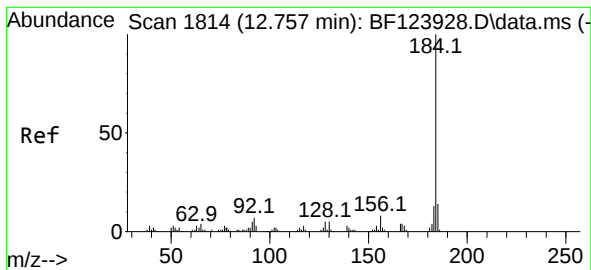
Tgt Ion:248 Resp: 11891
Ion Ratio Lower Upper
248 100
250 219.5 77.4 116.2#
141 568.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Tgt Ion:240 Resp: 182669
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 23.8 19.0 28.4





#77

Benzidine

Concen: 3.12 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF124018.D

Acq: 21 May 2021 15:00

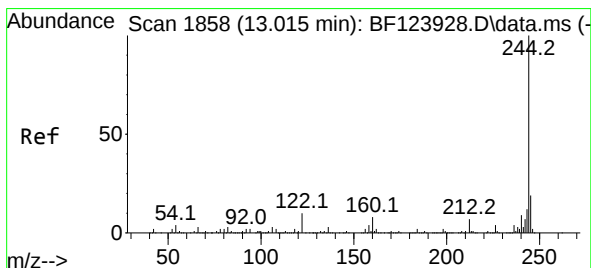
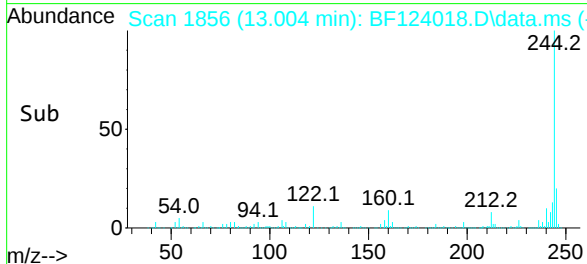
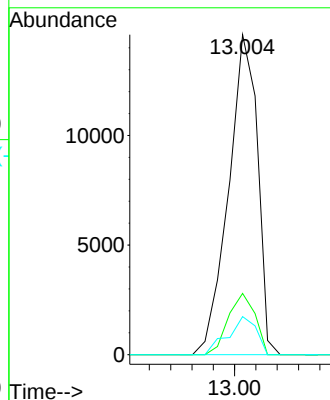
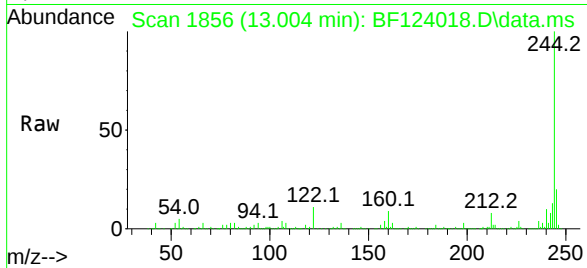
Instrument :

BNA_F

ClientSampleId :

PB136585BL

Tgt Ion:184	Resp:	13770
Ion Ratio	Lower	Upper
184	100	
185	19.2	12.1 18.1#
183	11.9	7.8 11.8#



#79

Terphenyl-d14

Concen: 71.83 ng

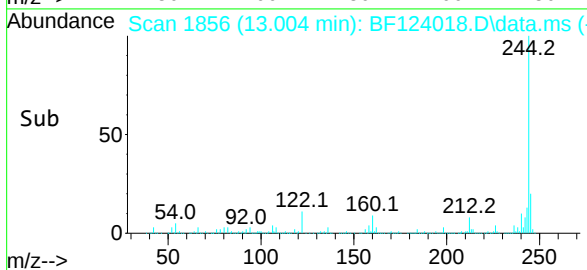
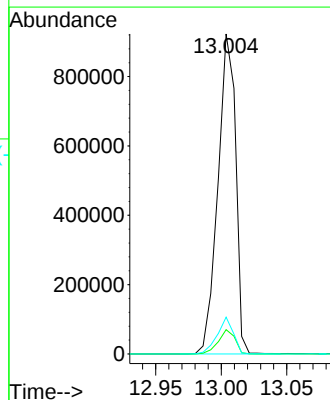
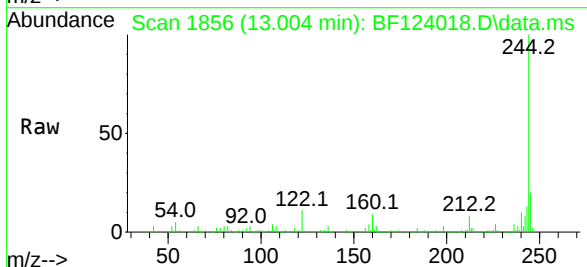
RT: 13.004 min Scan# 1856

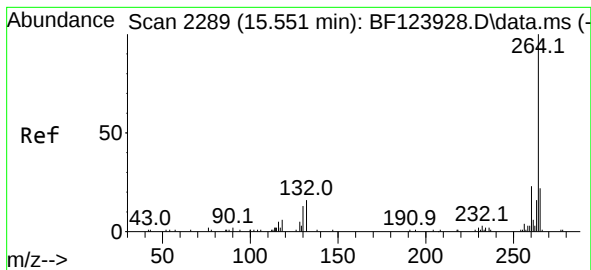
Delta R.T. -0.012 min

Lab File: BF124018.D

Acq: 21 May 2021 15:00

Tgt Ion:244	Resp:	866347
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.7 8.5
122	11.5	9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF124018.D
Acq: 21 May 2021 15:00

Instrument :
BNA_F
ClientSampleId :
PB136585BL

Tgt Ion:264 Resp: 150621

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	20.3	17.8	26.8

