

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124025.D
 Acq On : 21 May 2021 18:52
 Operator : JU/CG
 Sample : M2467-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-BR3-SO-051921

Quant Time: May 22 01:39:02 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)

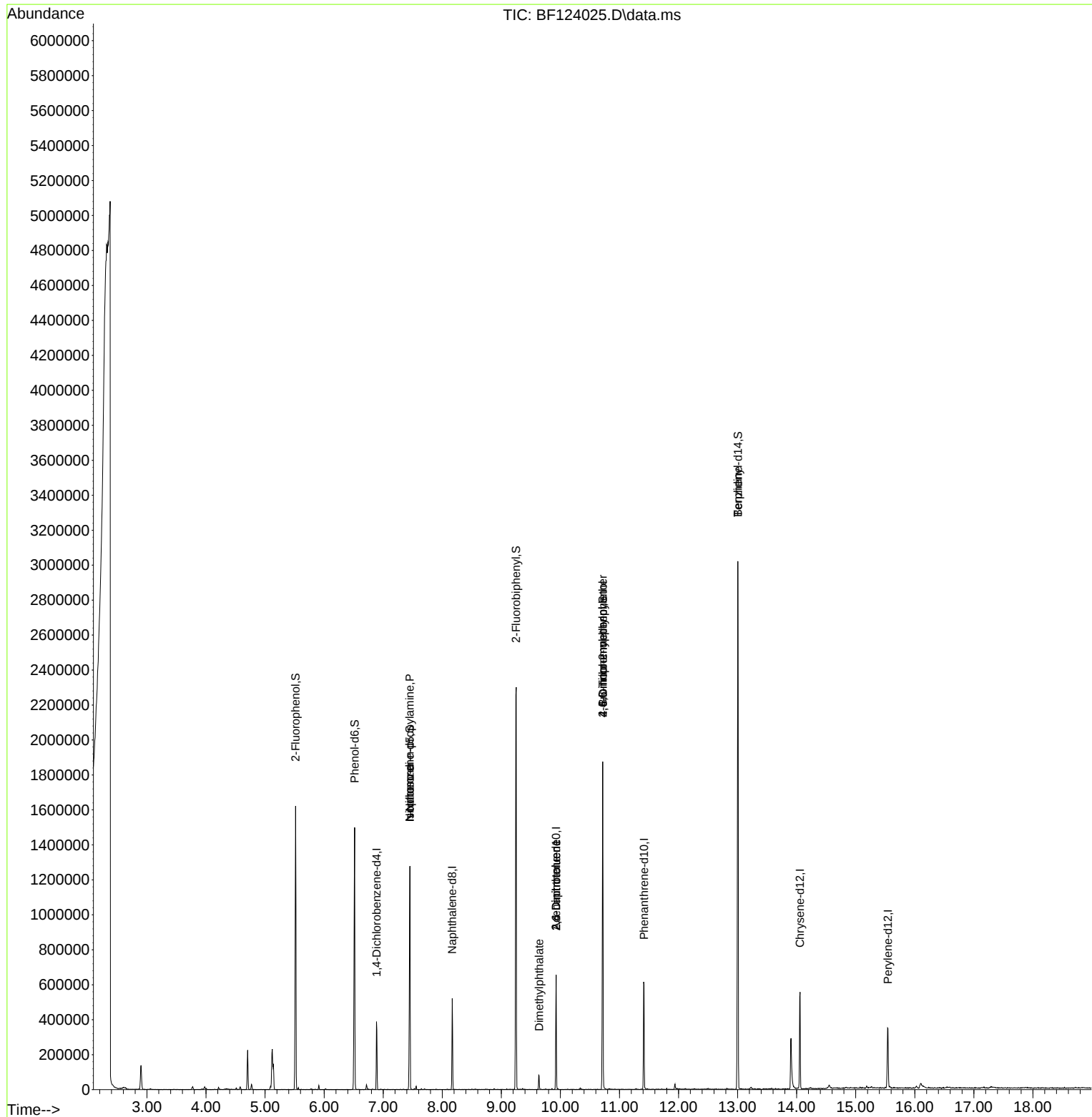
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	45659	20.00	ng	-0.02
21) Naphthalene-d8	8.169	136	183038	20.00	ng	#-0.02
39) Acenaphthene-d10	9.928	164	109997	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	213164	20.00	ng	-0.01
76) Chrysene-d12	14.057	240	180932	20.00	ng	-0.01
86) Perylene-d12	15.545	264	149521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	357744	110.01	ng	0.00
7) Phenol-d6	6.516	99	407882	96.69	ng	0.00
23) Nitrobenzene-d5	7.451	82	369032	86.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	181301	137.23	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	700662	78.39	ng	-0.01
79) Terphenyl-d14	13.004	244	978670	81.92	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	52317	18.35	ng	# 78
25) Isophorone	7.451	82	369027	45.16	ng	# 69
50) Dimethylphthalate	9.639	163	30218	3.44	ng	98
51) 2,6-Dinitrotoluene	9.928	165	14026	7.90	ng	# 10
57) 2,4-Dinitrotoluene	9.928	165	14026	6.44	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.716	198	244	5.60	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	12136	4.33	ng	# 1
77) Benzidine	13.004	184	15906	3.64	ng	# 93

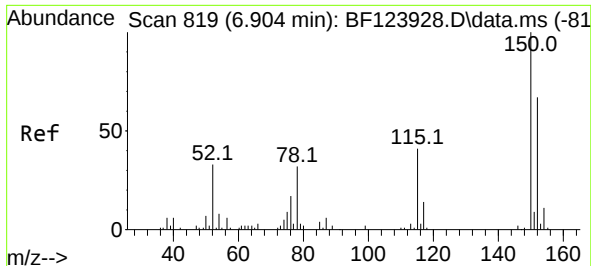
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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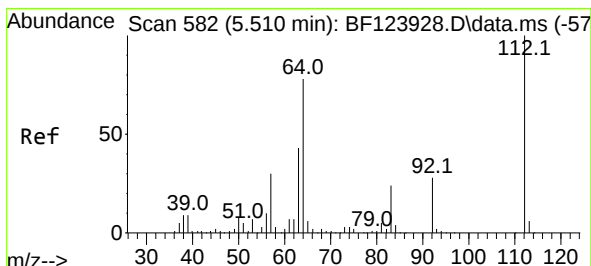
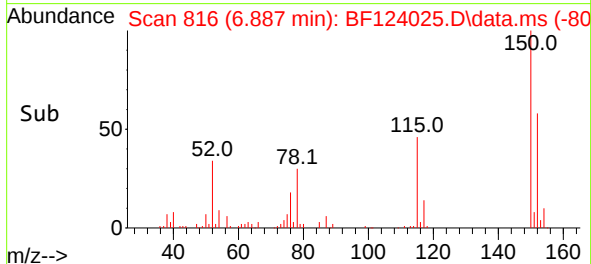
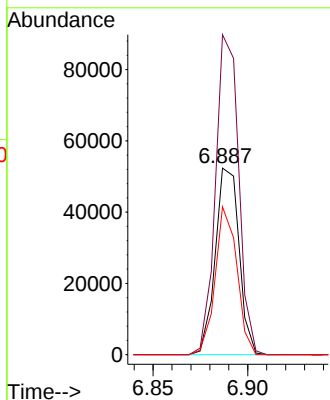
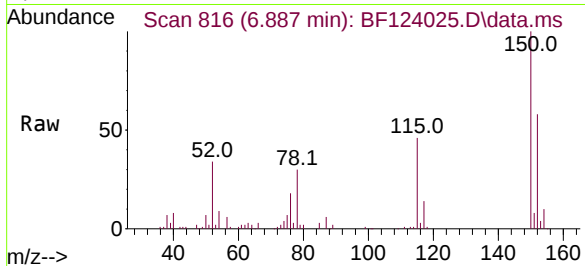




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

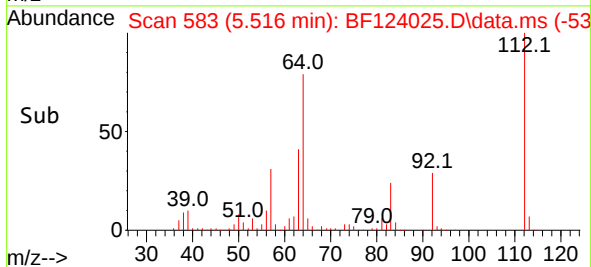
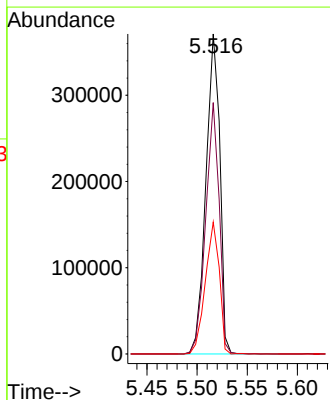
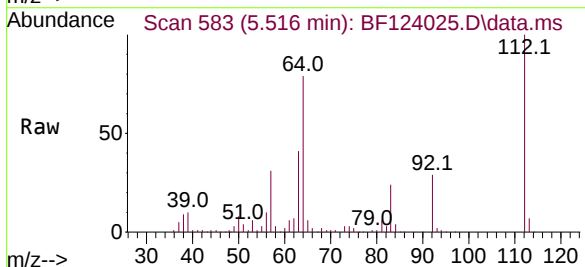
Instrument :
BNA_F
ClientSampleId :
IDW-BR3-SO-051921

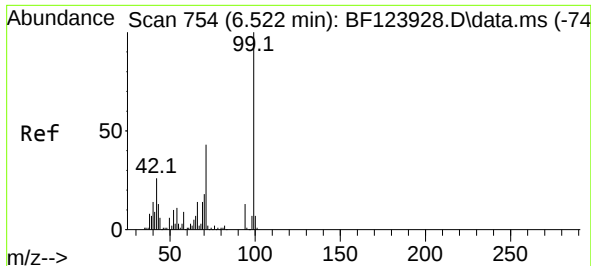
Tgt Ion:152 Resp: 45659
Ion Ratio Lower Upper
152 100
150 171.5 127.0 190.6
115 79.2 54.3 81.5



#5
2-Fluorophenol
Concen: 110.01 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion:112 Resp: 357744
Ion Ratio Lower Upper
112 100
64 78.5 61.4 92.0
63 41.2 33.0 49.4

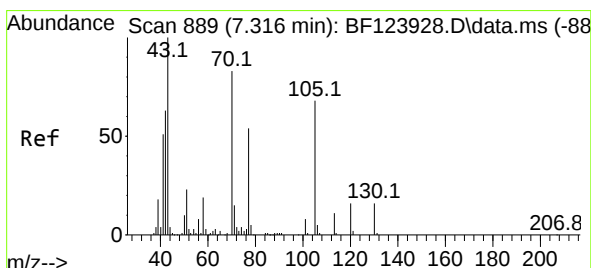
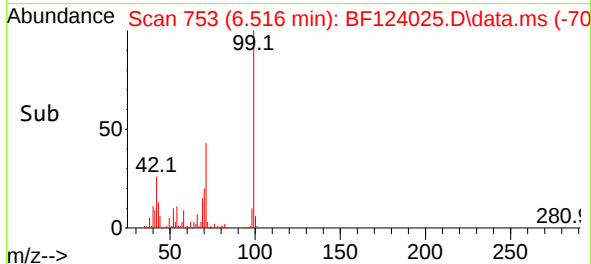
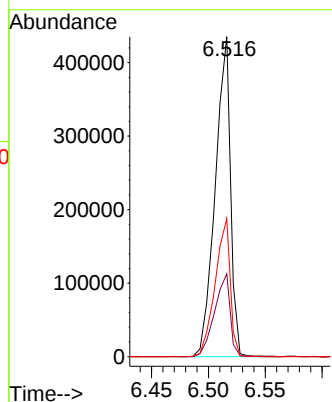
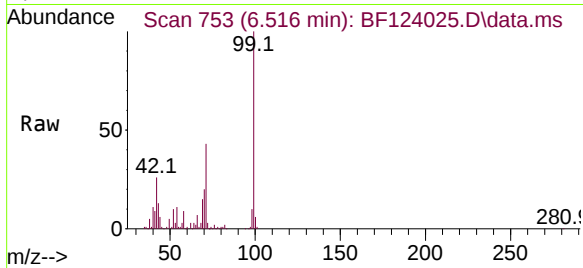




#7
Phenol-d6
Concen: 96.69 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

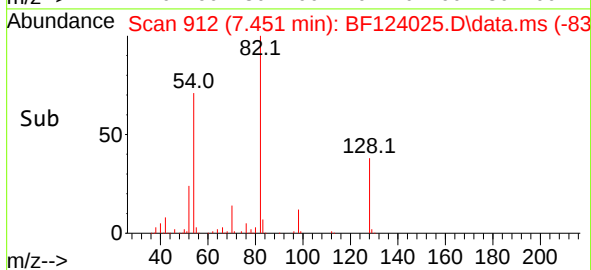
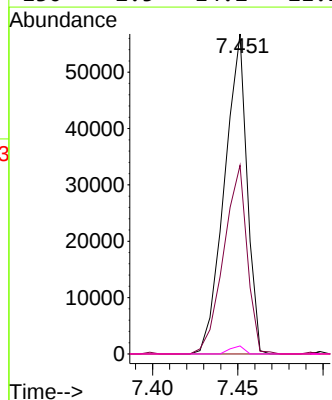
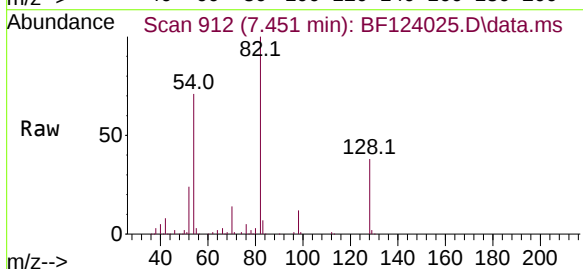
Instrument :
BNA_F
ClientSampleId :
IDW-BR3-SO-051921

Tgt Ion: 99 Resp: 407882
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.8
71 43.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.35 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion: 70 Resp: 52317
Ion Ratio Lower Upper
70 100
42 59.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.5 14.2 21.2#

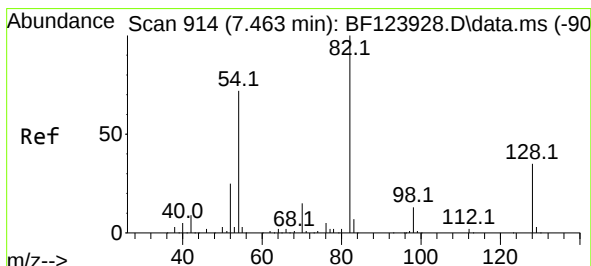
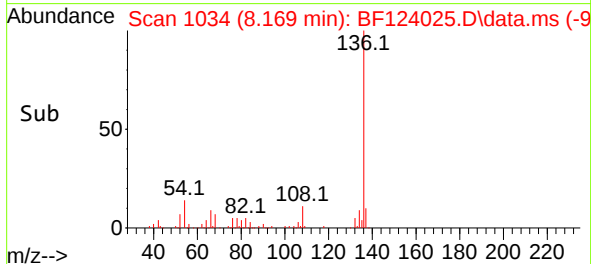
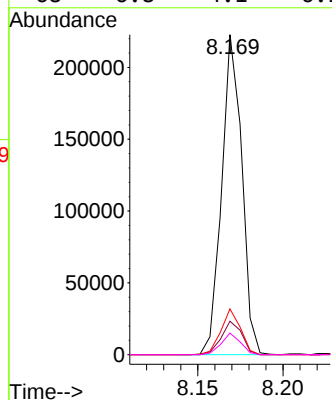
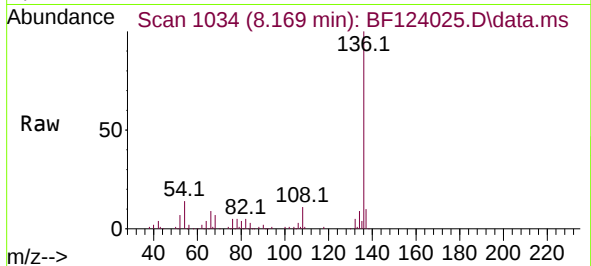




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.017 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

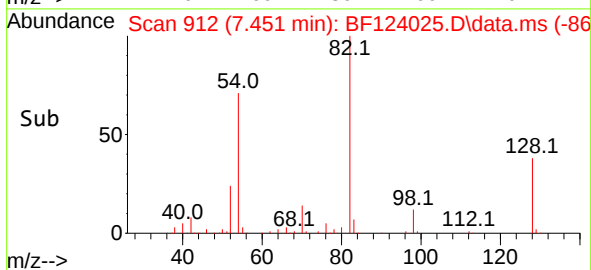
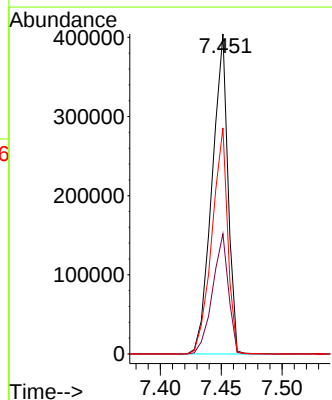
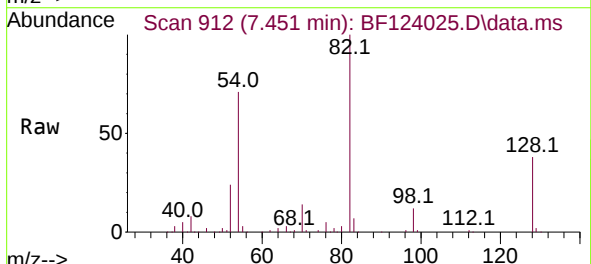
Instrument :
BNA_F
ClientSampleId :
IDW-BR3-SO-051921

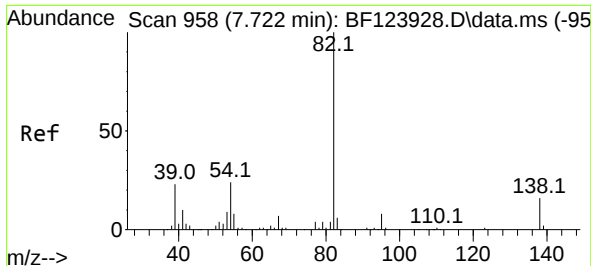
Tgt Ion:	136	Resp:	183038
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	14.3	9.8	14.6
68	6.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.87 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion:	82	Resp:	369032
Ion Ratio	Lower	Upper	
82	100		
128	37.6	29.4	44.2
54	70.6	54.1	81.1

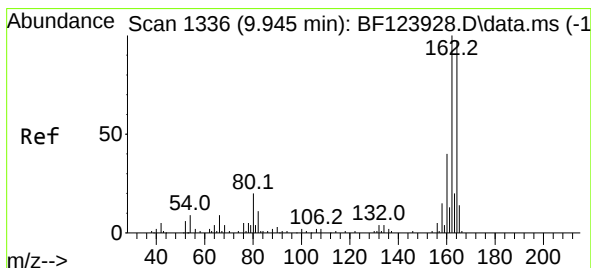
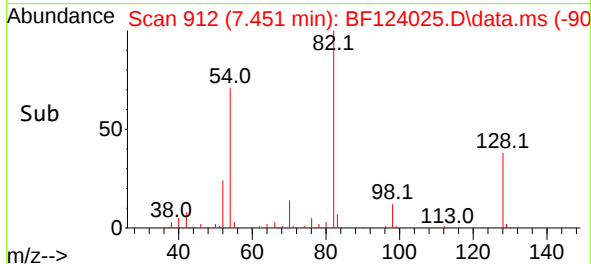
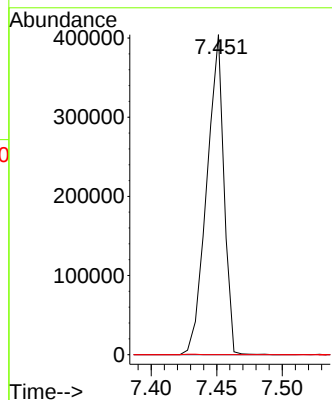
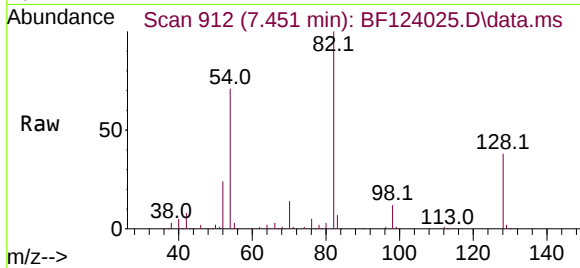




#25
Isophorone
Concen: 45.16 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

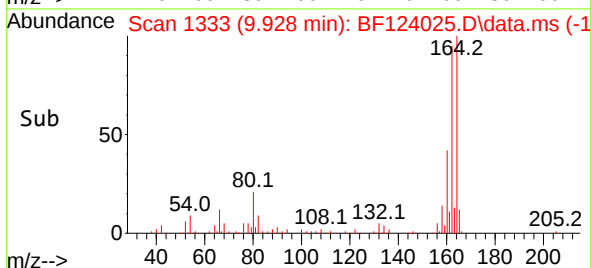
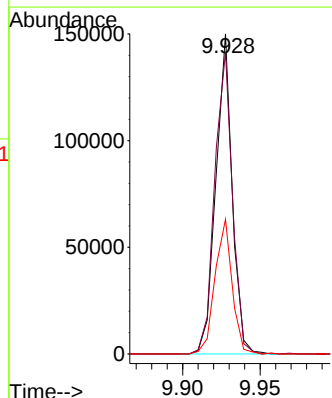
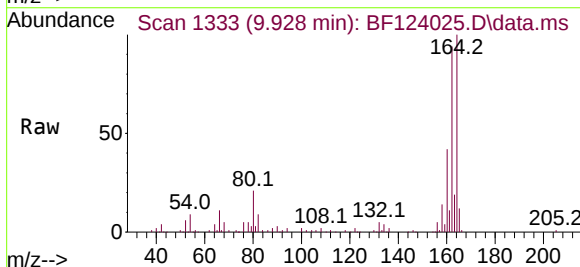
Instrument :
BNA_F
ClientSampleId :
IDW-BR3-SO-051921

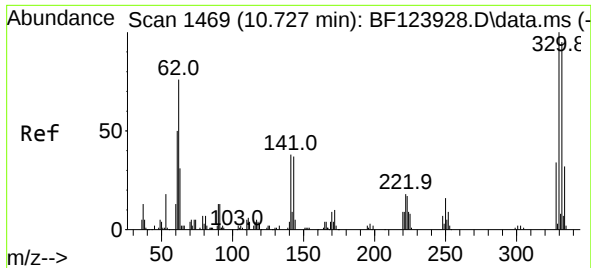
Tgt Ion: 82 Resp: 369027
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.017 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion: 164 Resp: 109997
Ion Ratio Lower Upper
164 100
162 94.3 80.7 121.1
160 42.1 37.3 55.9

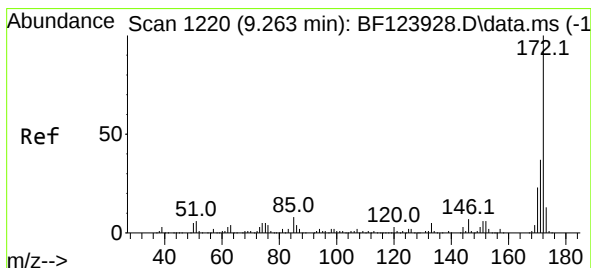
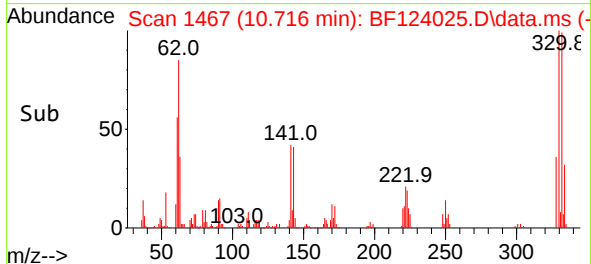
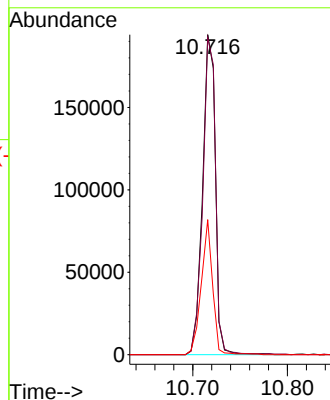
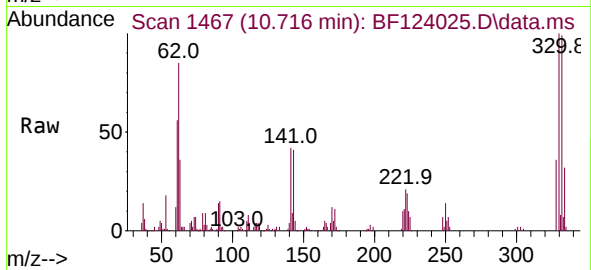




#42
2,4,6-Tribromophenol
Concen: 137.23 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

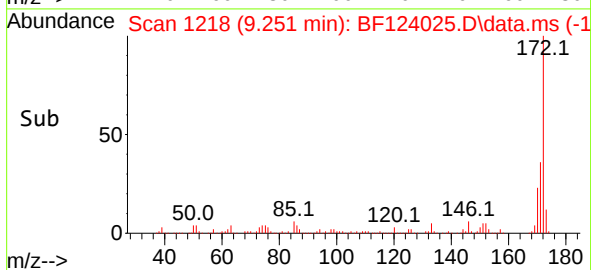
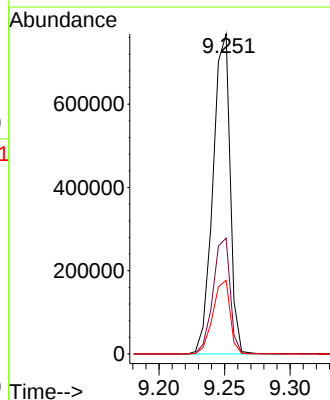
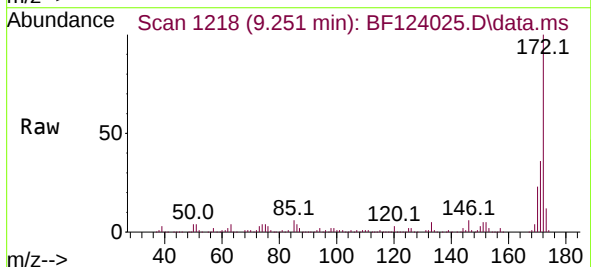
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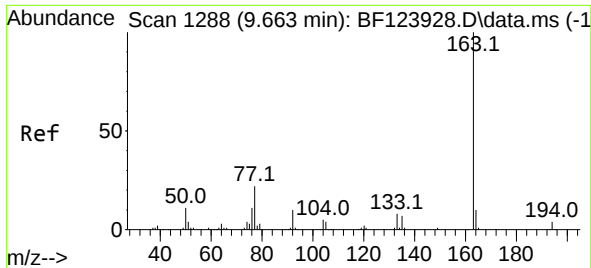
Tgt Ion:330 Resp: 181301
Ion Ratio Lower Upper
330 100
332 99.4 77.1 115.7
141 37.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 78.39 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion:172 Resp: 700662
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.0 19.2 28.8

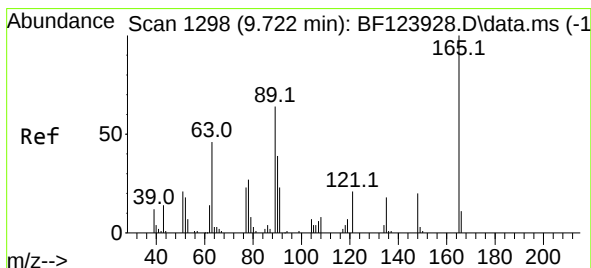
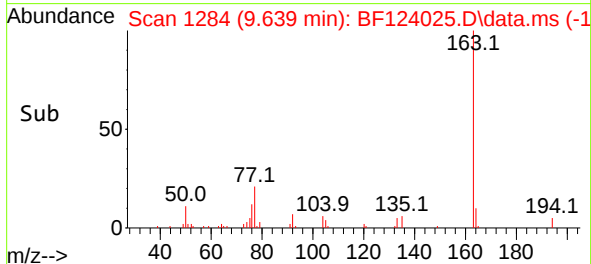
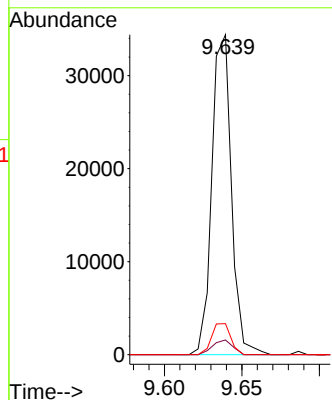
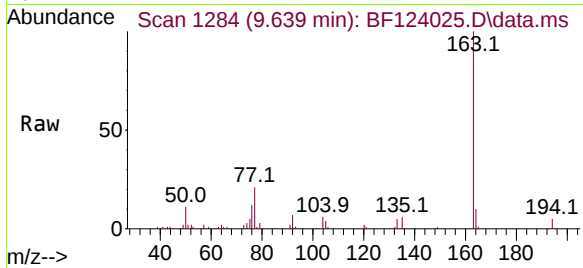




#50
Dimethylphthalate
Concen: 3.44 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

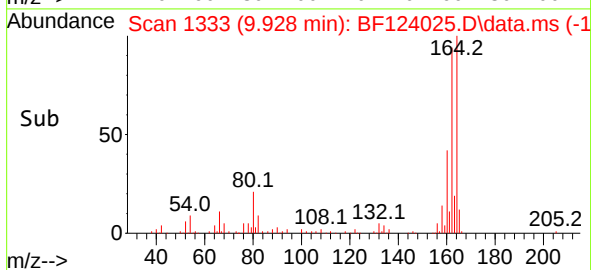
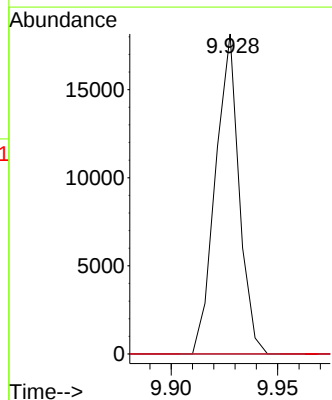
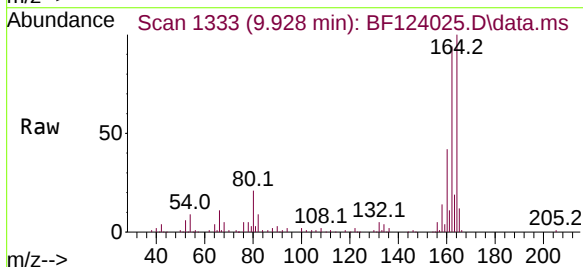
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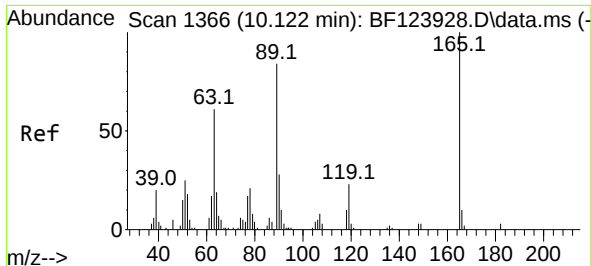
Tgt Ion:163 Resp: 30218
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 9.7 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

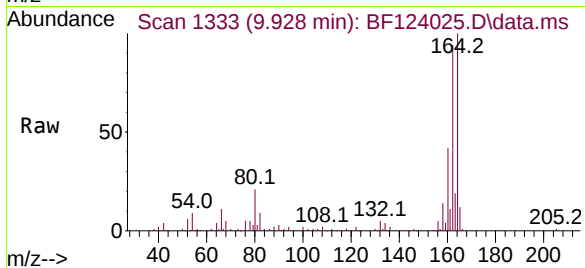
Tgt Ion:165 Resp: 14026
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



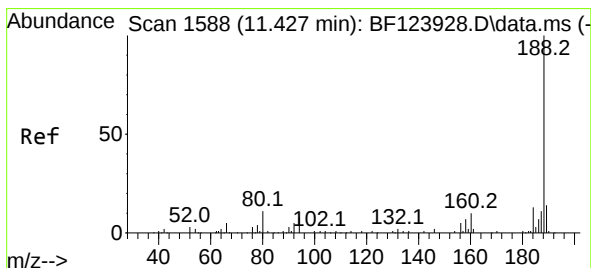
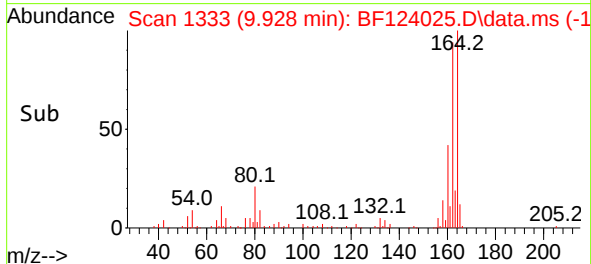
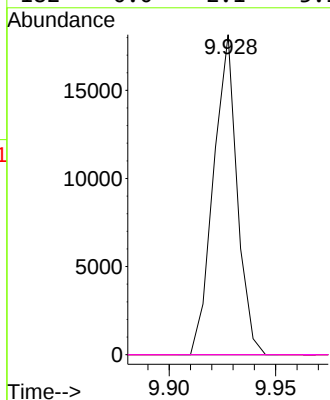


#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Instrument :
BNA_F
ClientSampleId :
IDW-BR3-SO-051921

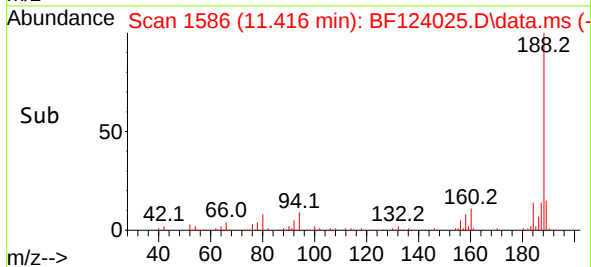
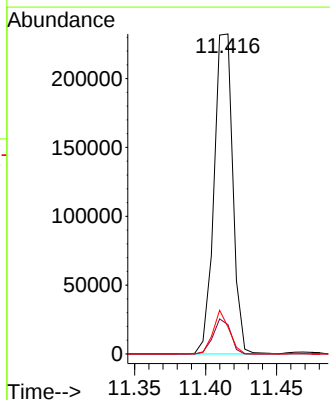
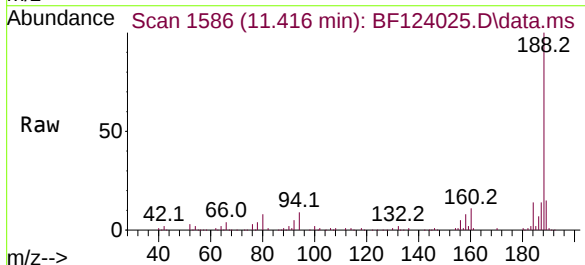


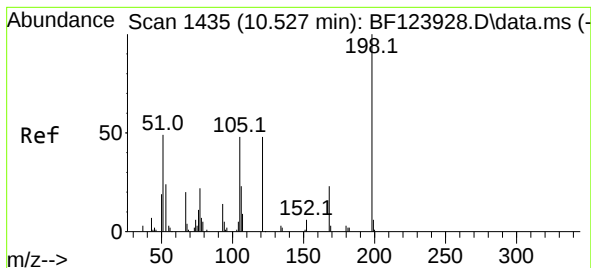
Tgt Ion:165 Resp: 14026
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion:188 Resp: 213164
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 8.5 8.2 12.2

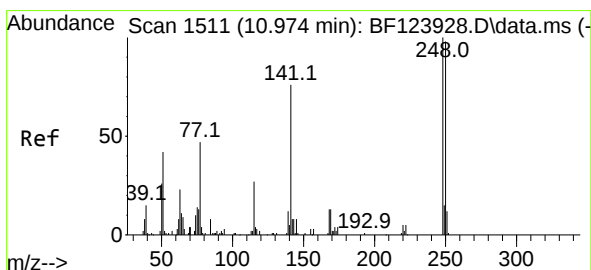
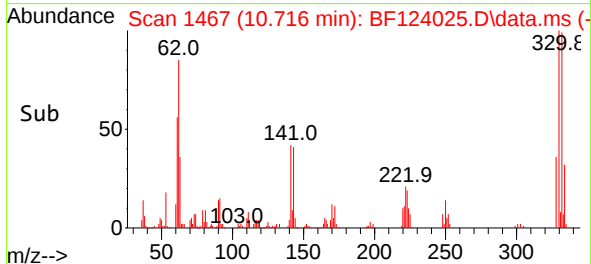
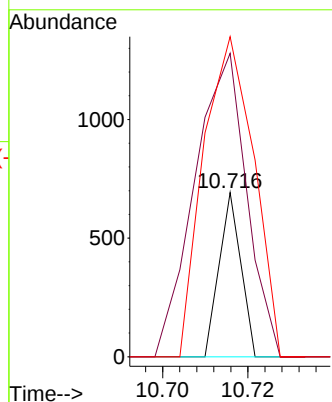
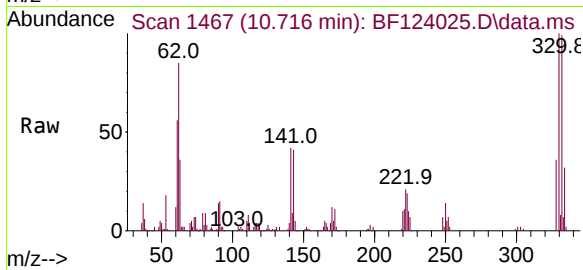




#65
4,6-Dinitro-2-methylphenol
Concen: 5.60 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.189 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

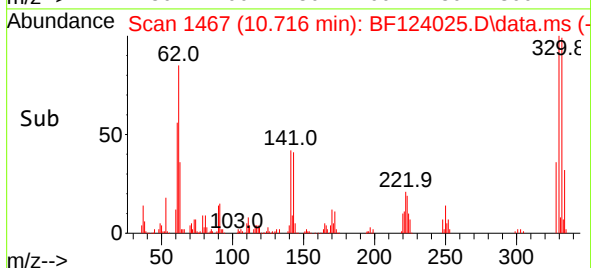
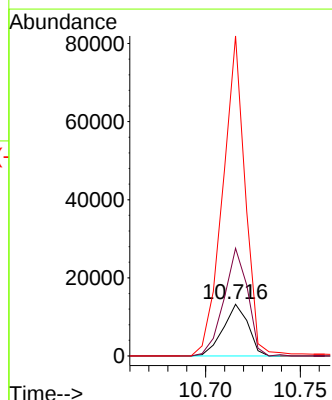
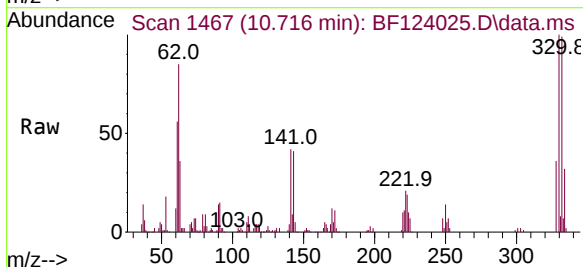
Instrument :
BNA_F
ClientSampleId :
IDW-BR3-SO-051921

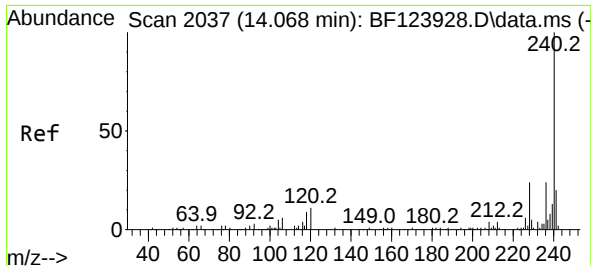
Tgt Ion:198 Resp: 244
Ion Ratio Lower Upper
198 100
51 184.8 64.8 104.8#
105 194.9 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.259 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion:248 Resp: 12136
Ion Ratio Lower Upper
248 100
250 208.1 77.4 116.2#
141 618.3 63.7 95.5#

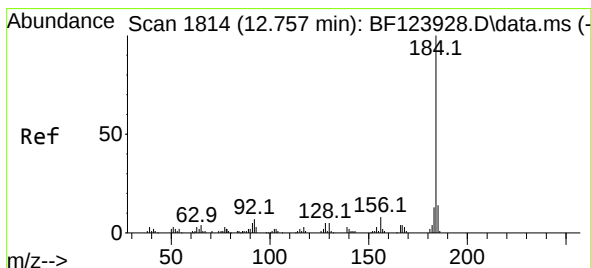
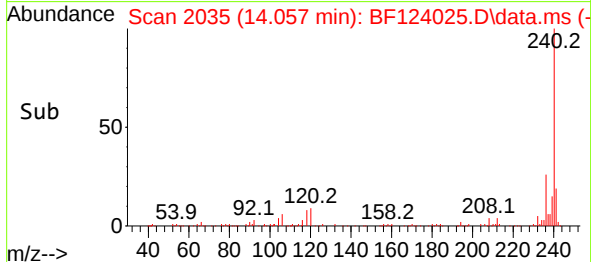
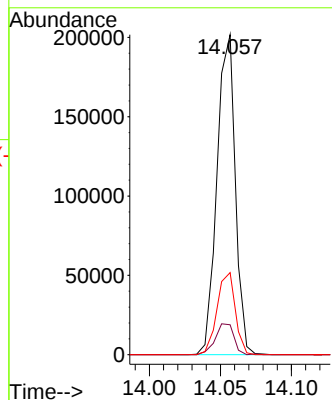
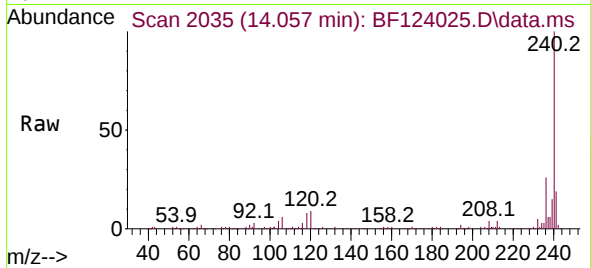




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

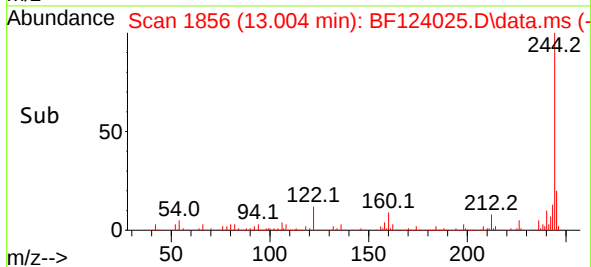
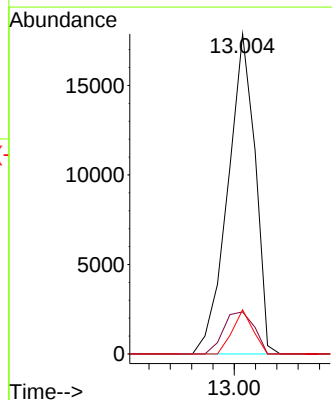
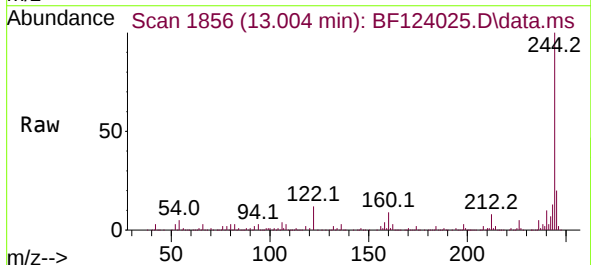
Instrument :
BNA_F
ClientSampleId :
IDW-BR3-SO-051921

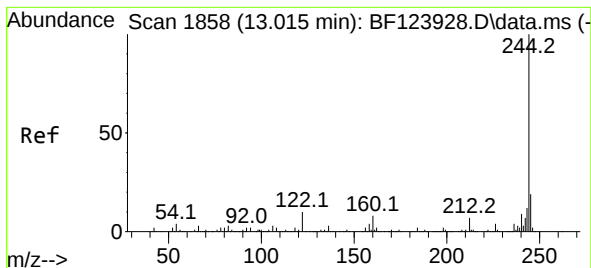
Tgt Ion:240 Resp: 180932
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 25.6 19.0 28.4



#77
Benzidine
Concen: 3.64 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.247 min
Lab File: BF124025.D
Acq: 21 May 2021 18:52

Tgt Ion:184 Resp: 15906
Ion Ratio Lower Upper
184 100
185 13.1 12.1 18.1
183 13.8 7.8 11.8#





#79

Terphenyl-d14

Concen: 81.92 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BF124025.D

Acq: 21 May 2021 18:52

Tgt Ion:244 Resp: 978670

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

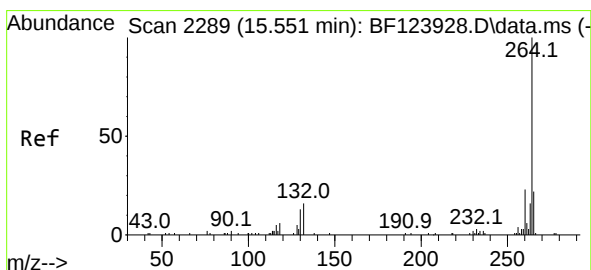
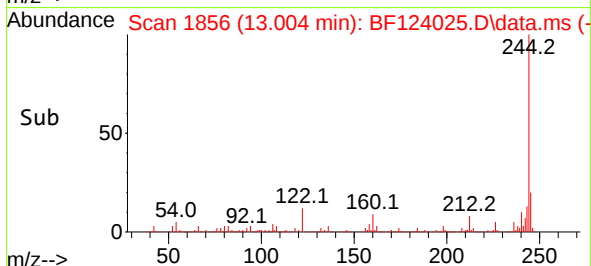
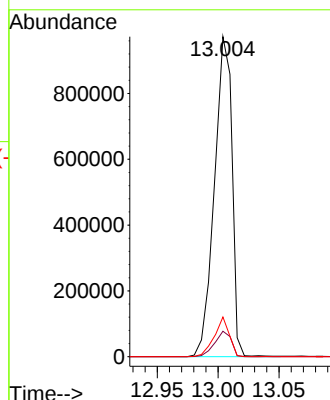
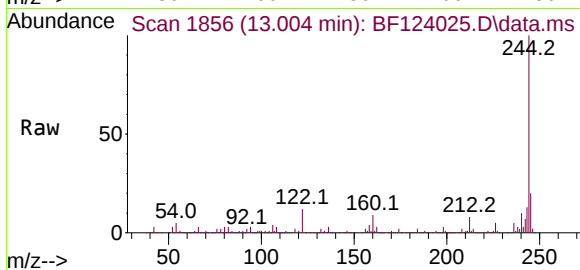
122 12.4 9.7 14.5

Instrument :

BNA_F

ClientSampleId :

IDW-BR3-SO-051921



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF124025.D

Acq: 21 May 2021 18:52

Tgt Ion:264 Resp: 149521

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 19.4 17.8 26.8

