

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124065.D
 Acq On : 26 May 2021 15:10
 Operator : JU/CG
 Sample : M2525-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-5

Quant Time: May 26 15:31:45 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)

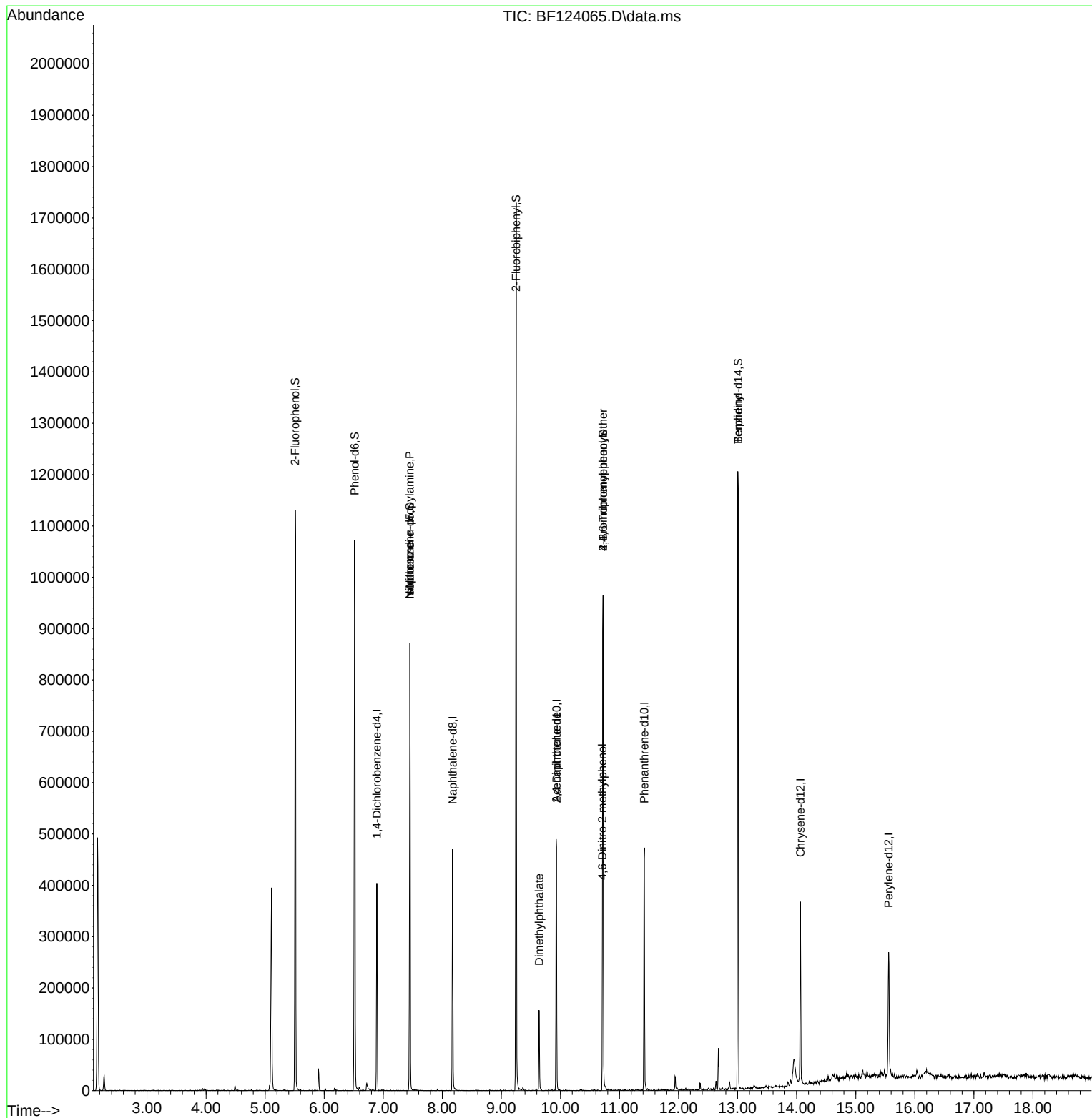
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	44822	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	170601	20.00	ng	#-0.01
39) Acenaphthene-d10	9.933	164	99957	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	163356	20.00	ng	0.00
76) Chrysene-d12	14.062	240	99193	20.00	ng	0.00
86) Perylene-d12	15.556	264	107353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	258903	81.10	ng	0.00
7) Phenol-d6	6.516	99	322832	77.96	ng	0.00
23) Nitrobenzene-d5	7.451	82	249272	62.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	103764	86.43	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	444716	54.75	ng	-0.01
79) Terphenyl-d14	13.010	244	386133	58.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	36346	12.99	ng	# 72
25) Isophorone	7.451	82	249268	32.73	ng	# 69
50) Dimethylphthalate	9.639	163	53879	6.75	ng	# 96
57) 2,4-Dinitrotoluene	9.933	165	12655	6.39	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.710	198	122	5.54	ng	# 44
67) 4-Bromophenyl-phenylether	10.722	248	7035	3.28	ng	# 1
77) Benzidine	13.010	184	6253	2.61	ng	# 90

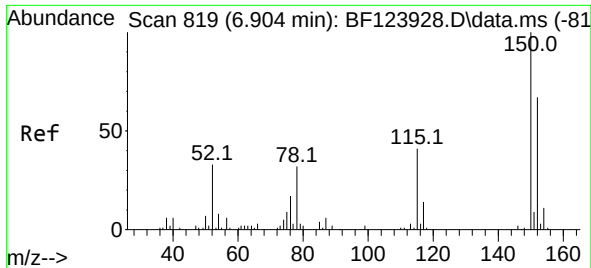
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 14 19:05:57 2021
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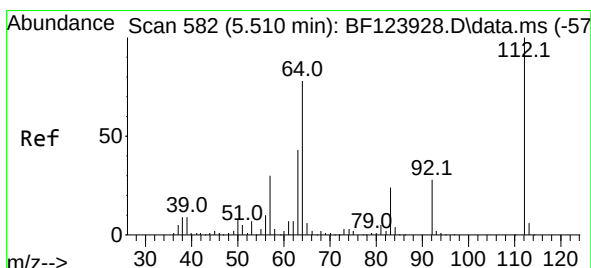
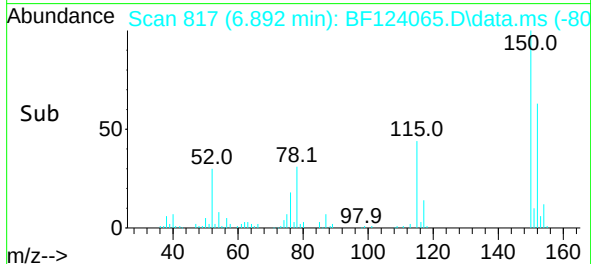
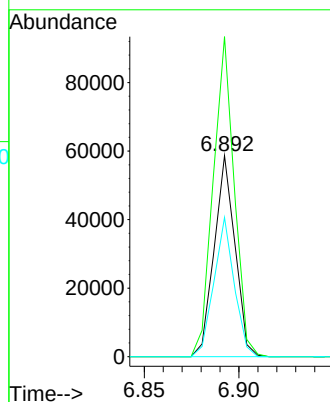
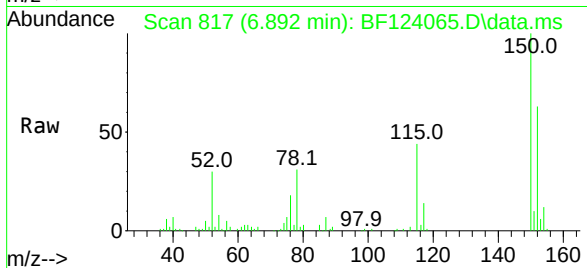




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

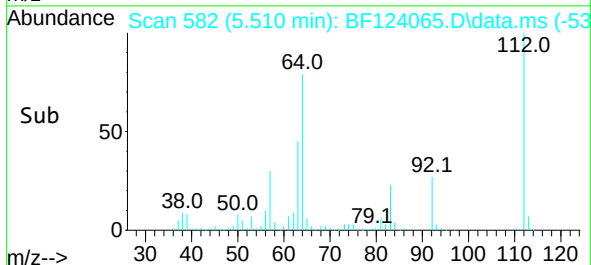
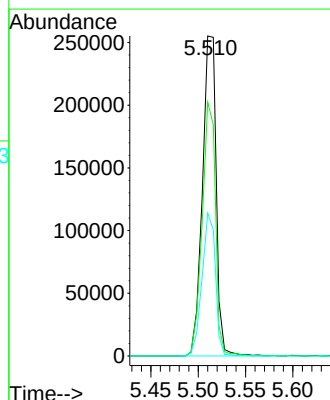
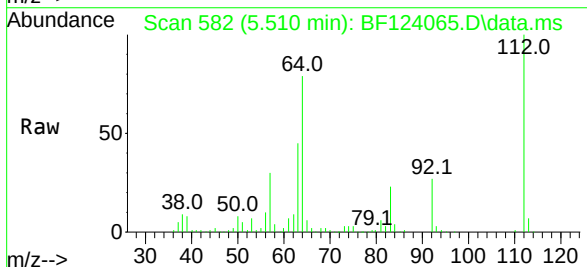
Instrument :
BNA_F
ClientSampled :
TS-5

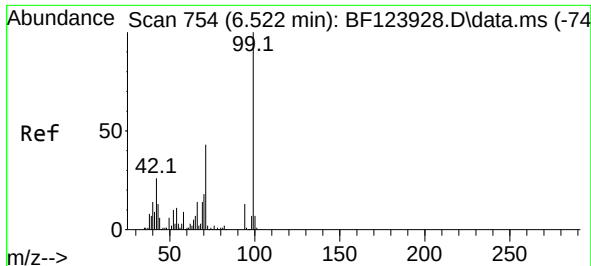
Tgt Ion:152 Resp: 44822
Ion Ratio Lower Upper
152 100
150 159.1 127.0 190.6
115 69.2 54.3 81.5



#5
2-Fluorophenol
Concen: 81.10 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

Tgt Ion:112 Resp: 258903
Ion Ratio Lower Upper
112 100
64 79.3 61.4 92.0
63 44.7 33.0 49.4

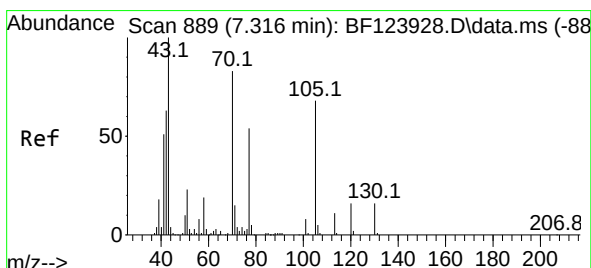
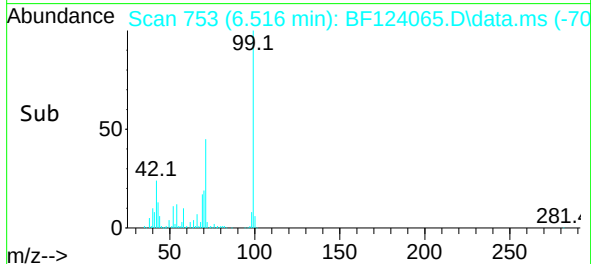
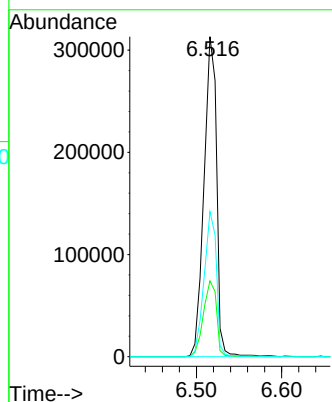
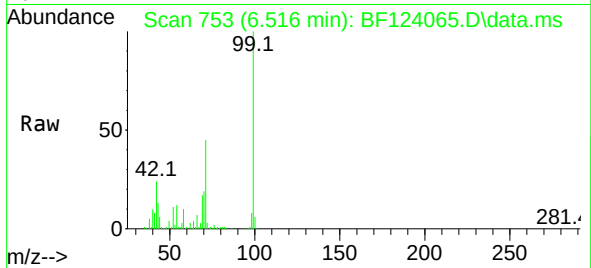




#7
Phenol-d6
Concen: 77.96 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

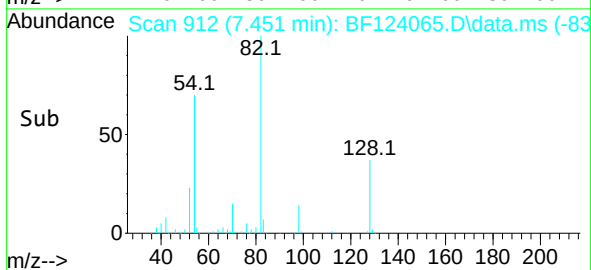
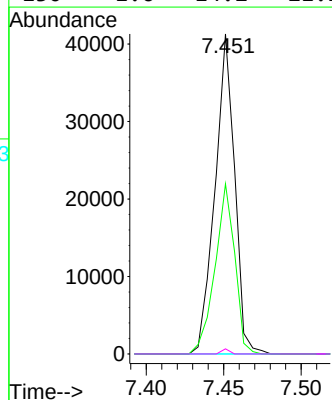
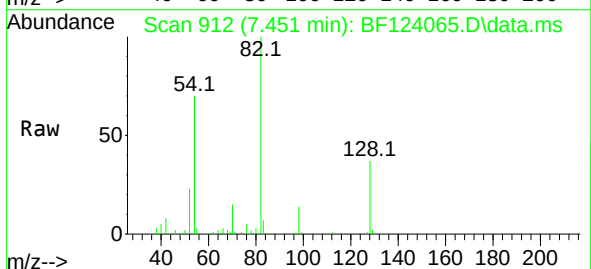
Instrument :
BNA_F
ClientSampleId :
TS-5

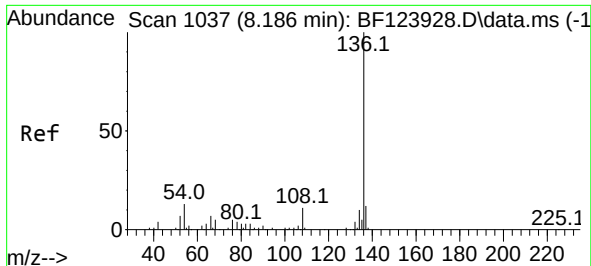
Tgt Ion: 99 Resp: 322832
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 45.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.99 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

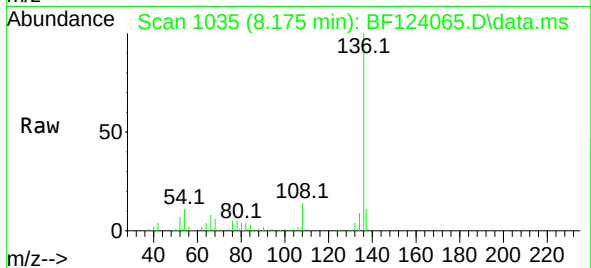
Tgt Ion: 70 Resp: 36346
Ion Ratio Lower Upper
70 100
42 53.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



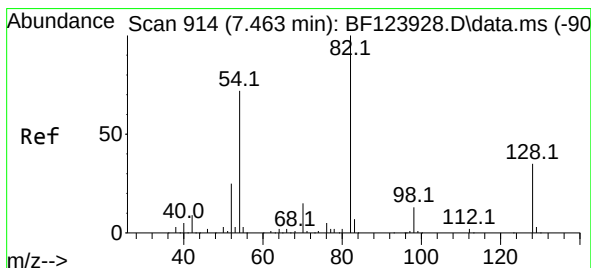
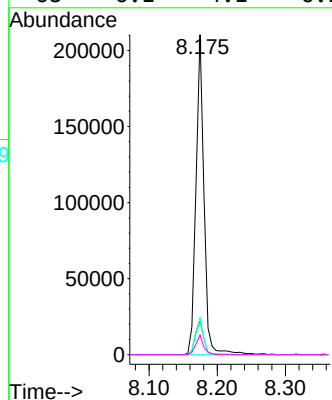
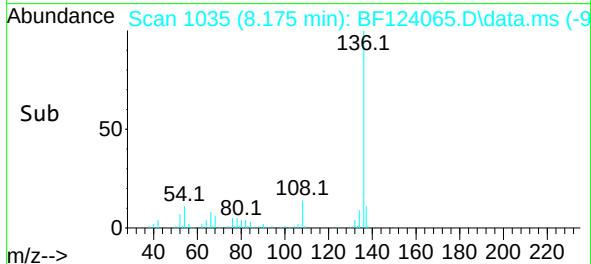


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

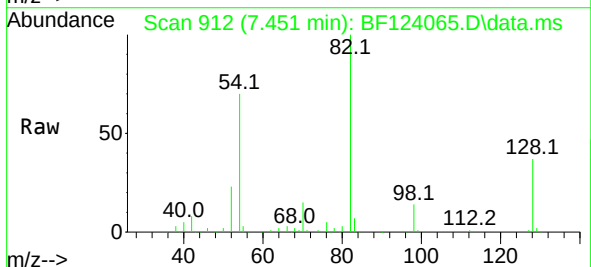
Instrument :
BNA_F
ClientSampled :
TS-5



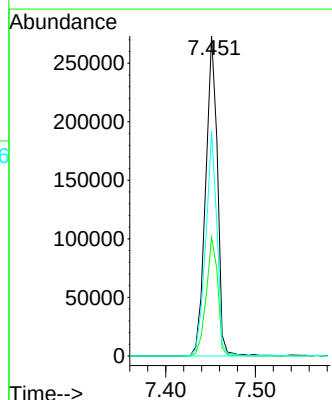
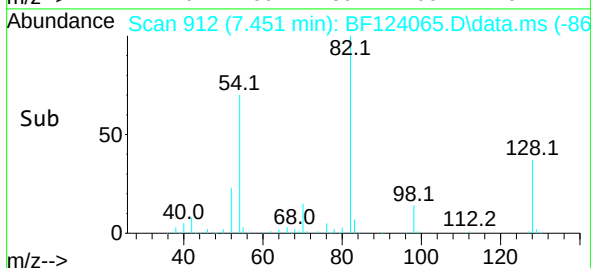
Tgt Ion:136 Resp: 170601
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.4 9.8 14.6
68 6.1 4.1 6.1#

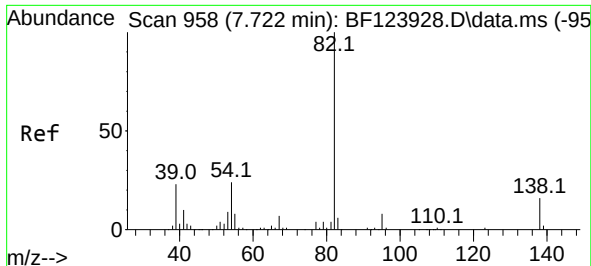


#23
Nitrobenzene-d5
Concen: 62.95 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10



Tgt Ion: 82 Resp: 249272
Ion Ratio Lower Upper
82 100
128 37.0 29.4 44.2
54 70.2 54.1 81.1

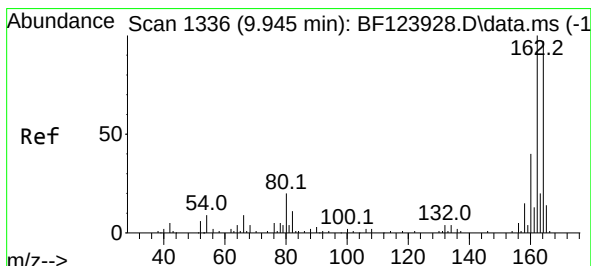
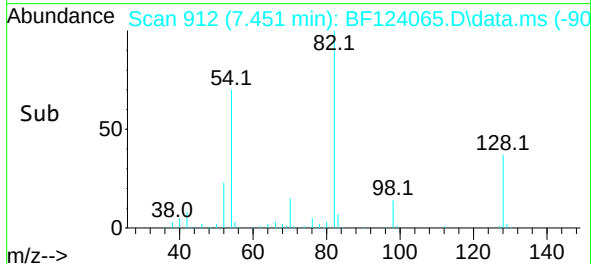
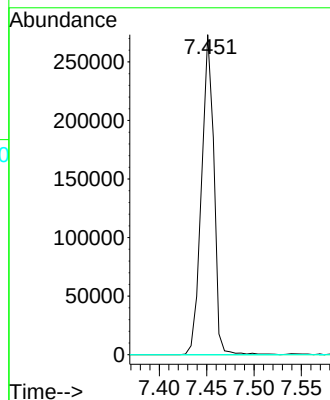
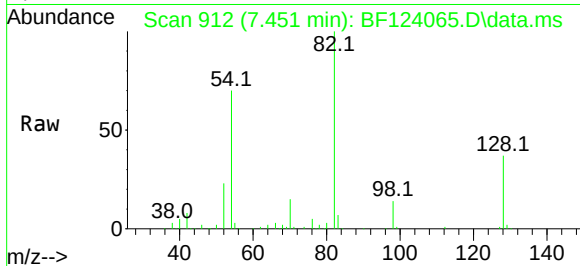




#25
Isophorone
Concen: 32.73 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

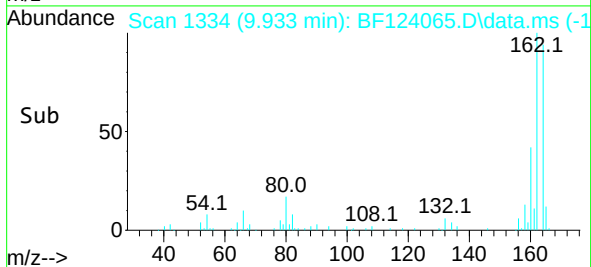
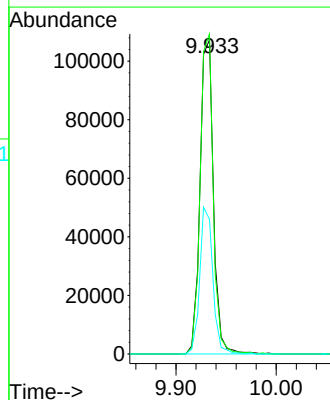
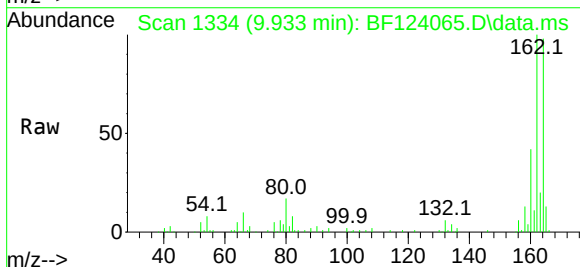
Instrument :
BNA_F
ClientSampled :
TS-5

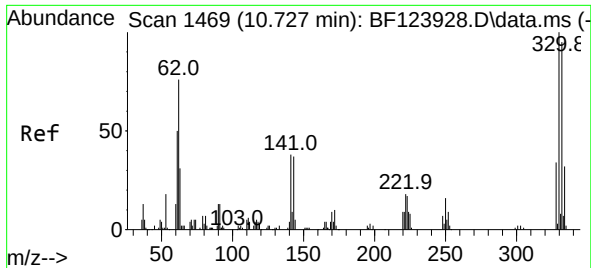
Tgt Ion: 82 Resp: 249268
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

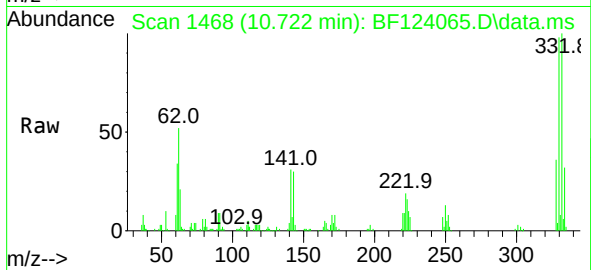
Tgt Ion: 164 Resp: 99957
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 42.9 37.3 55.9



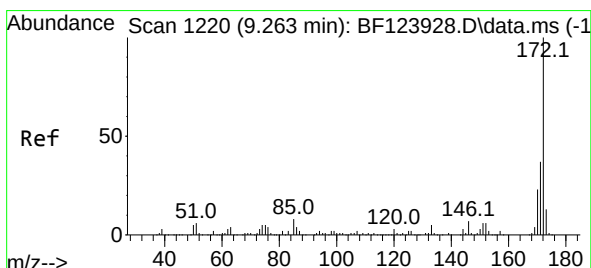
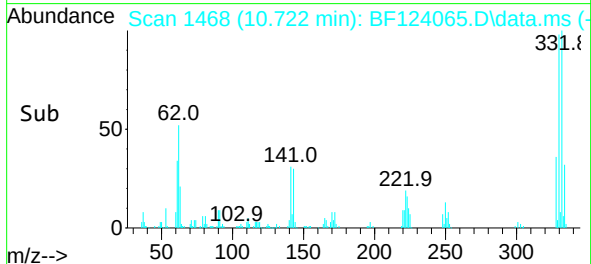
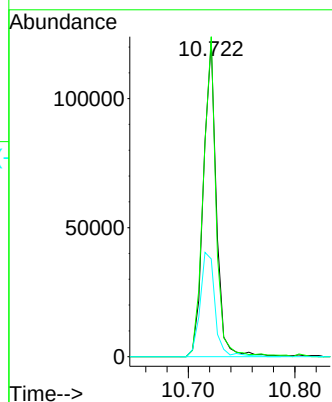


#42
2,4,6-Tribromophenol
Concen: 86.43 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

Instrument :
BNA_F
ClientSampleId :
TS-5

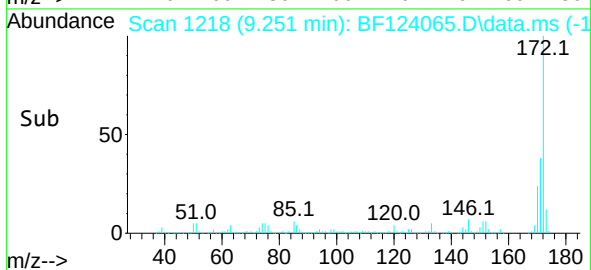
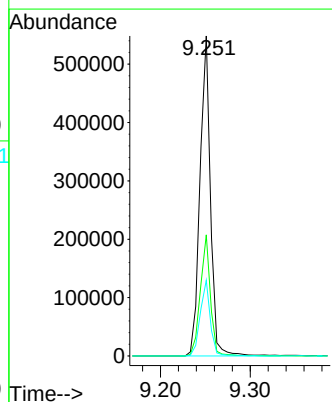
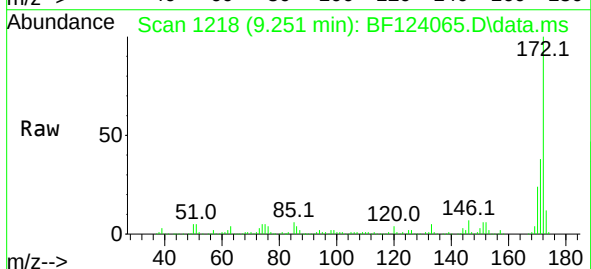


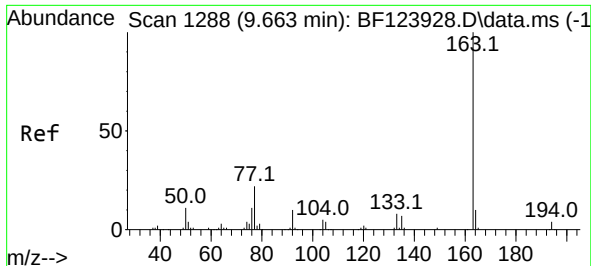
Tgt Ion: 330 Resp: 103764
Ion Ratio Lower Upper
330 100
332 99.7 77.1 115.7
141 38.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.75 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

Tgt Ion: 172 Resp: 444716
Ion Ratio Lower Upper
172 100
171 37.9 28.1 42.1
170 23.6 19.2 28.8

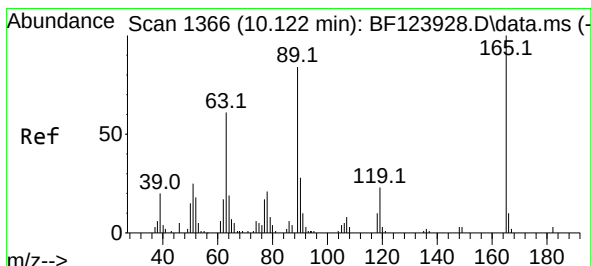
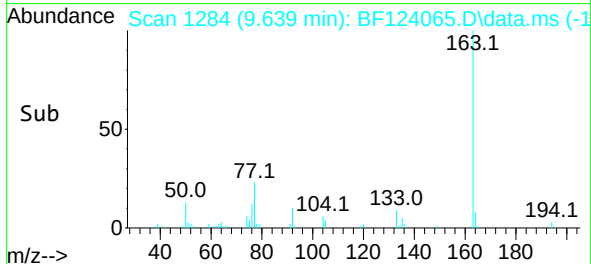
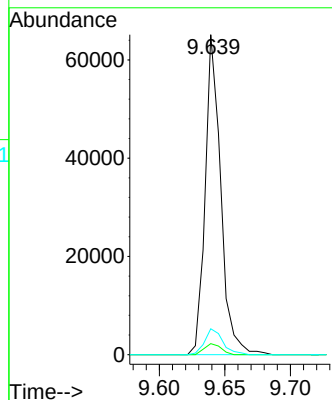
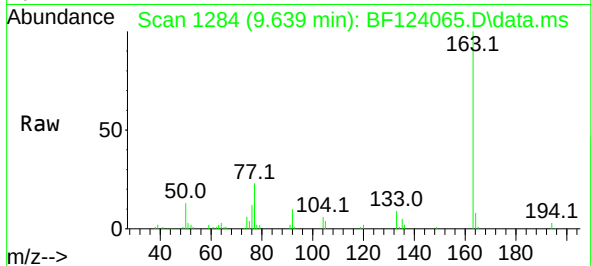




#50
Dimethylphthalate
Concen: 6.75 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

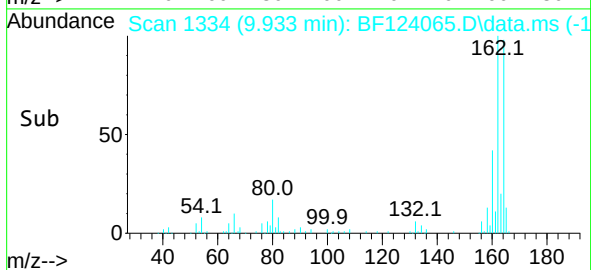
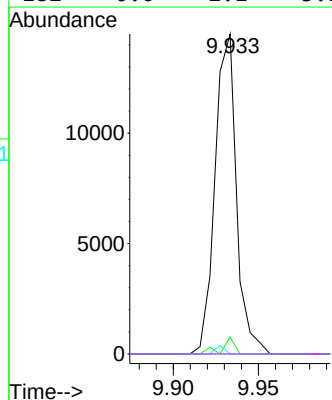
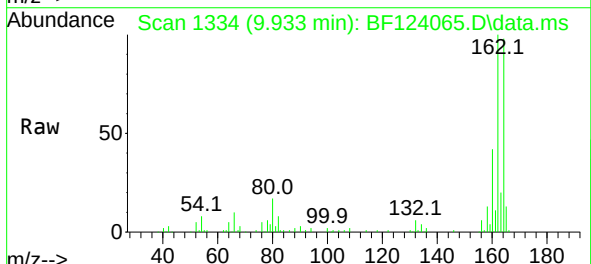
Instrument :
BNA_F
ClientSampleId :
TS-5

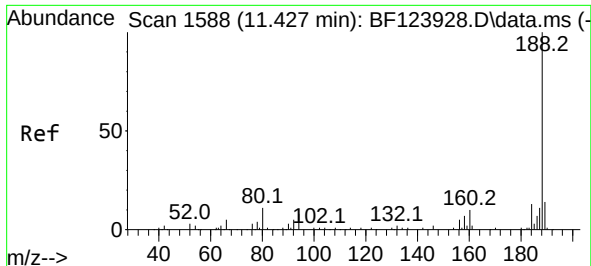
Tgt Ion:163 Resp: 53879
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 8.1 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

Tgt Ion:165 Resp: 12655
Ion Ratio Lower Upper
165 100
63 5.3 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

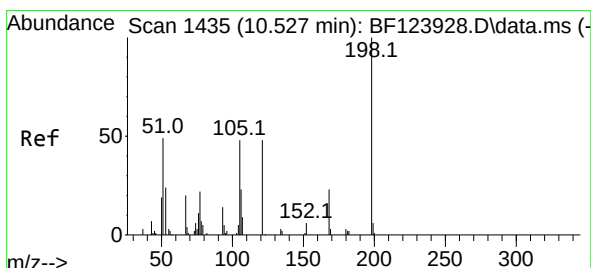
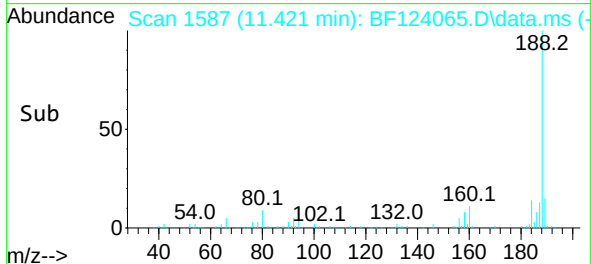
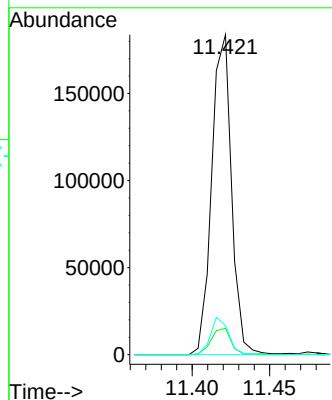
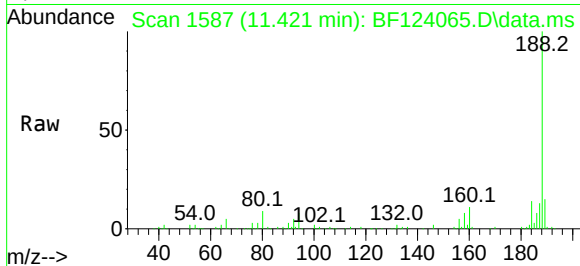




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

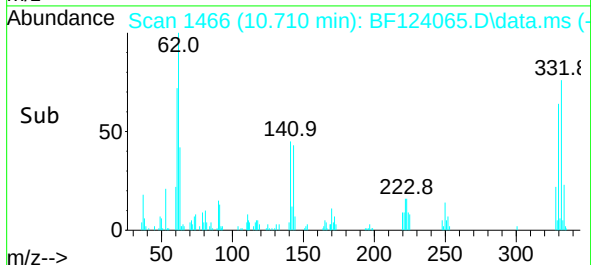
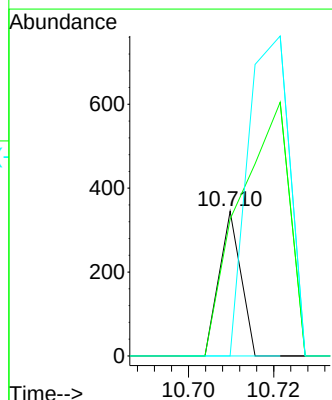
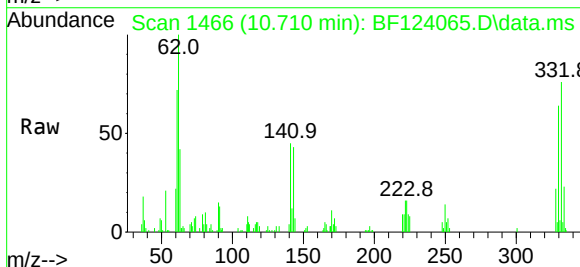
Instrument :
BNA_F
ClientSampleId :
TS-5

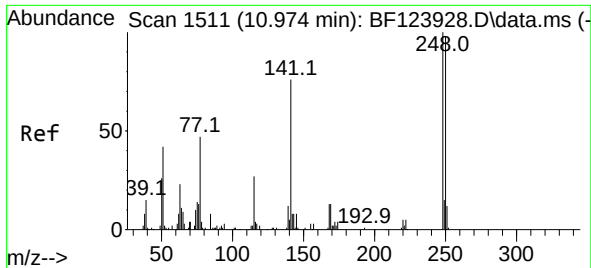
Tgt Ion:188 Resp: 163356
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.2 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.54 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.183 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

Tgt Ion:198 Resp: 122
Ion Ratio Lower Upper
198 100
51 50.5 64.8 104.8#
105 0.0 42.6 82.6#

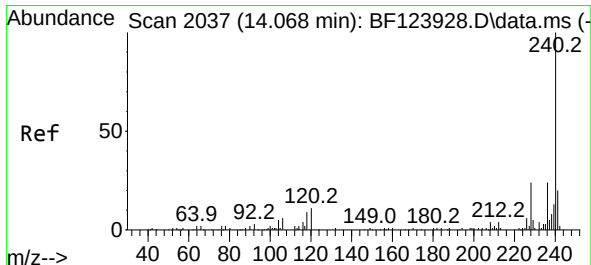
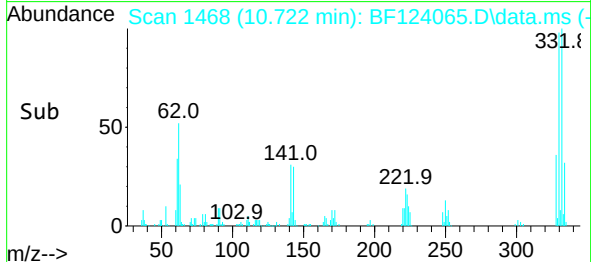
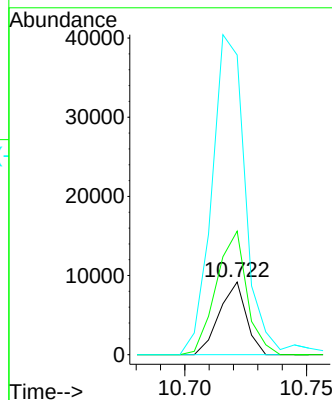
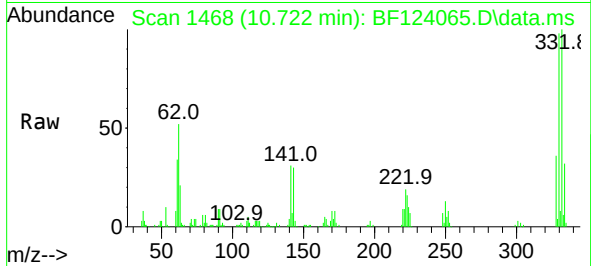




#67
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

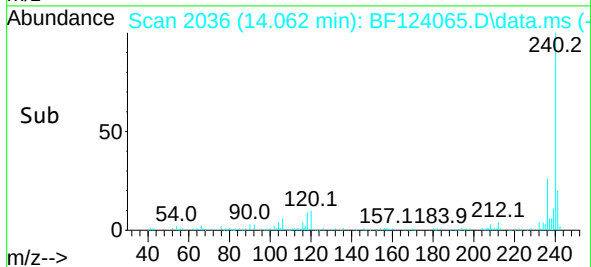
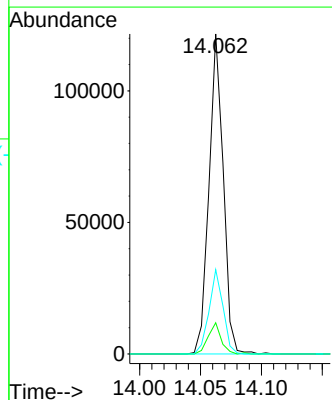
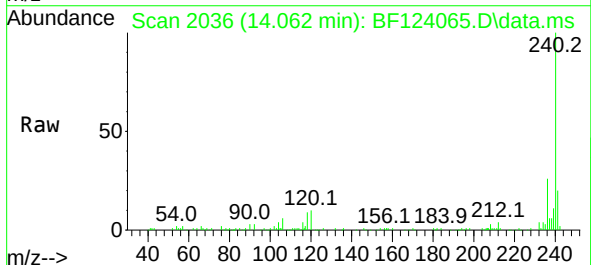
Instrument :
BNA_F
ClientSampleId :
TS-5

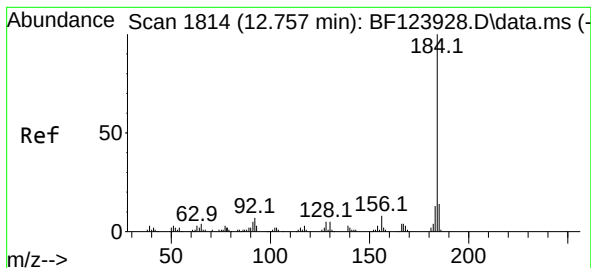
Tgt Ion:248 Resp: 7035
Ion Ratio Lower Upper
248 100
250 169.9 77.4 116.2#
141 412.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

Tgt Ion:240 Resp: 99193
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 26.3 19.0 28.4





#77

Benzidine

Concen: 2.61 ng

RT: 13.010 min Scan# 1857

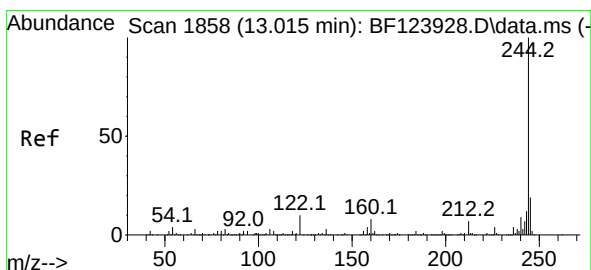
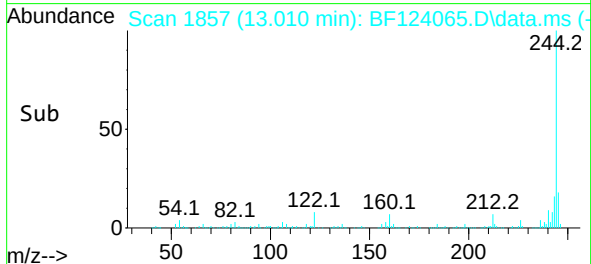
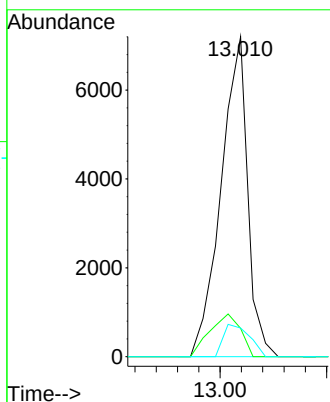
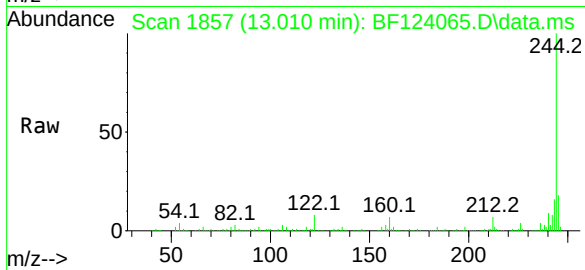
Delta R.T. 0.253 min

Lab File: BF124065.D

Acq: 26 May 2021 15:10

Tgt Ion:184	Resp:	6253
Ion Ratio	Lower	Upper
184	100	
185	8.8	12.1 18.1#
183	9.0	7.8 11.8

Instrument :
BNA_F
ClientSampled :
TS-5



#79

Terphenyl-d14

Concen: 58.96 ng

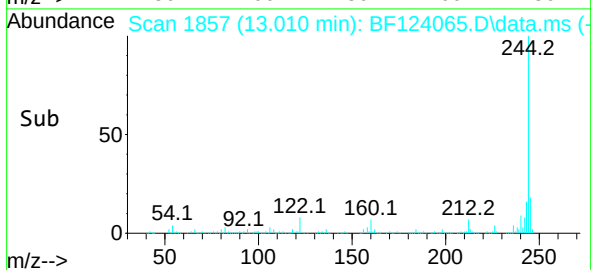
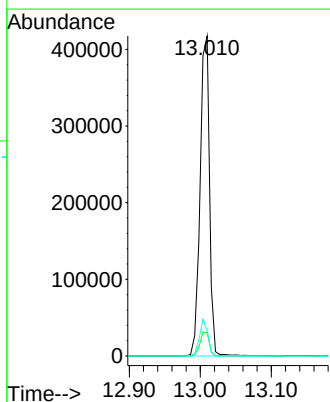
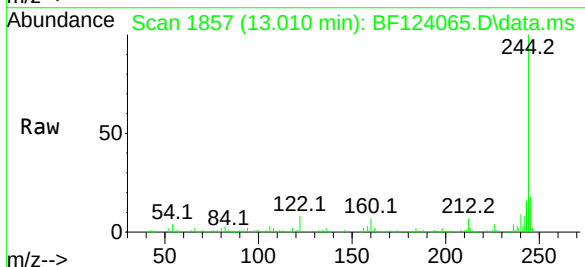
RT: 13.010 min Scan# 1857

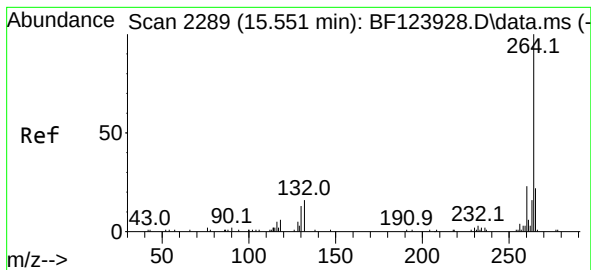
Delta R.T. -0.006 min

Lab File: BF124065.D

Acq: 26 May 2021 15:10

Tgt Ion:244	Resp:	386133
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.7 8.5
122	7.9	9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124065.D
Acq: 26 May 2021 15:10

Instrument :
BNA_F
ClientSampled :
TS-5

Tgt Ion:264 Resp: 107353

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	23.7	17.8	26.8

