

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124042.D
 Acq On : 24 May 2021 17:42
 Operator : JU/CG
 Sample : M2486-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052121

Quant Time: May 24 18:06:31 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)

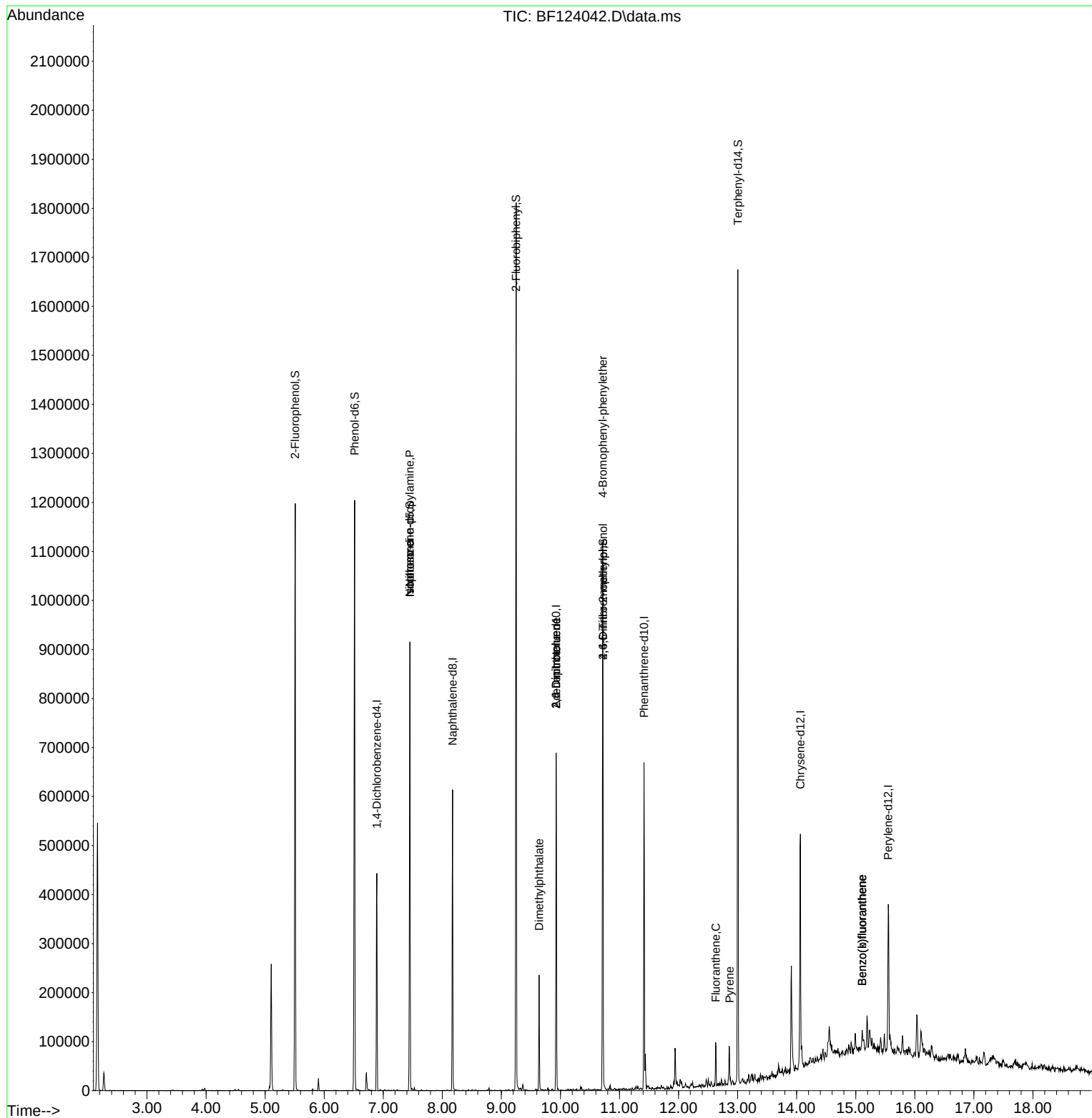
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	54095	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	212689	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	122939	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	209115	20.00	ng	-0.01
76) Chrysene-d12	14.062	240	150312	20.00	ng	0.00
86) Perylene-d12	15.551	264	122536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	254026	65.93	ng	0.00
7) Phenol-d6	6.516	99	320896	64.21	ng	0.00
23) Nitrobenzene-d5	7.451	82	237198	48.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	107924	73.09	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	464457	46.49	ng	-0.01
79) Terphenyl-d14	13.004	244	438968	44.23	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	35620	10.55	ng	# 72
25) Isophorone	7.451	82	237195	24.98	ng	# 69
50) Dimethylphthalate	9.639	163	69941	7.12	ng	99
51) 2,6-Dinitrotoluene	9.927	165	15623	7.87	ng	# 13
57) 2,4-Dinitrotoluene	9.927	165	15623	6.42	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.722	198	403	5.70	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	7052	2.57	ng	# 1
75) Fluoranthene	12.633	202	31259	2.28	ng	96
78) Pyrene	12.863	202	31403	2.35	ng	98
88) Benzo(b)fluoranthene	15.109	252	25776	2.72	ng	# 93
89) Benzo(k)fluoranthene	15.109	252	25776	2.98	ng	# 94

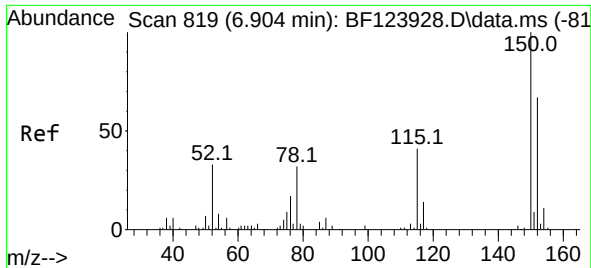
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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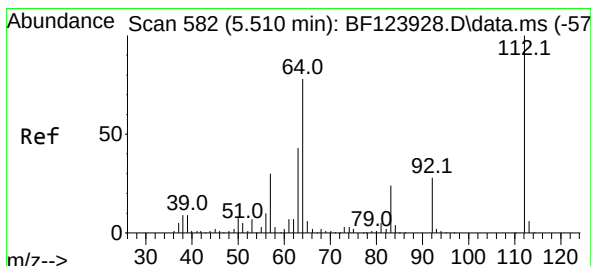
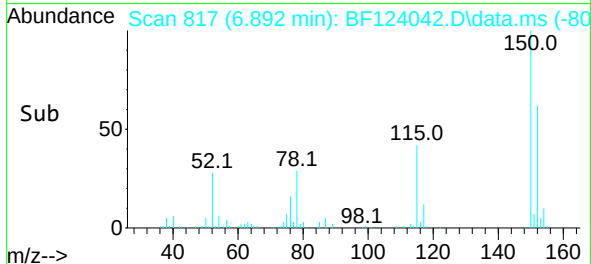
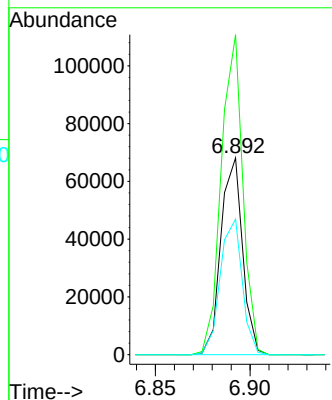
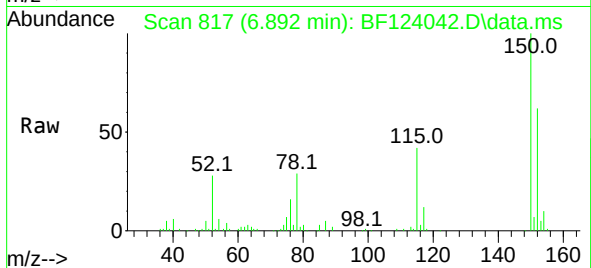




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

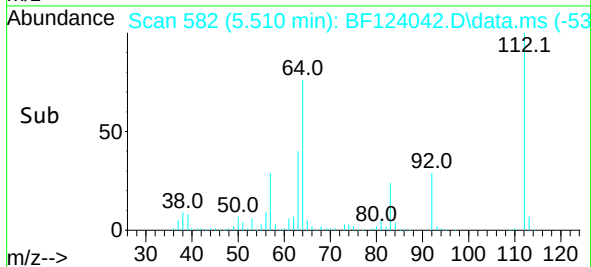
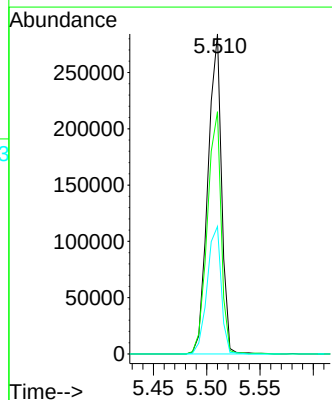
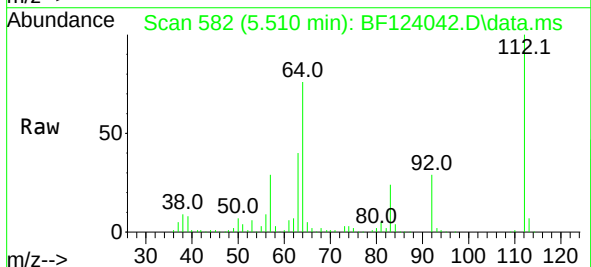
Instrument :
BNA_F
ClientSampleId :
OR-03-052121

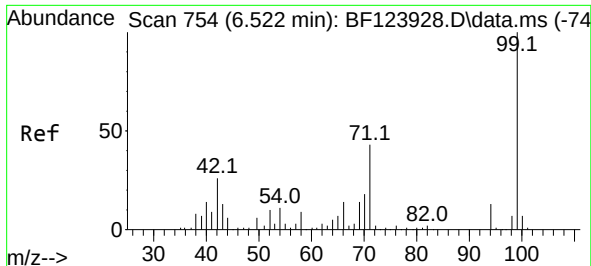
Tgt Ion:152 Resp: 54095
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 68.9 54.3 81.5



#5
2-Fluorophenol
Concen: 65.93 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:112 Resp: 254026
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 39.8 33.0 49.4

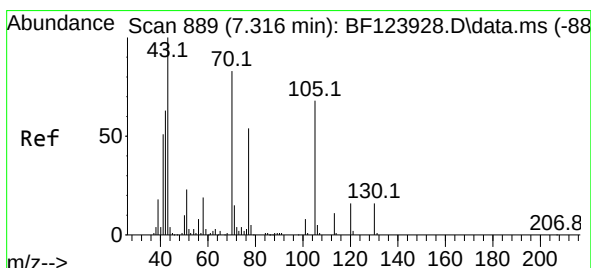
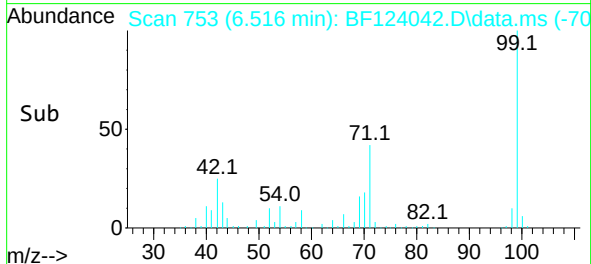
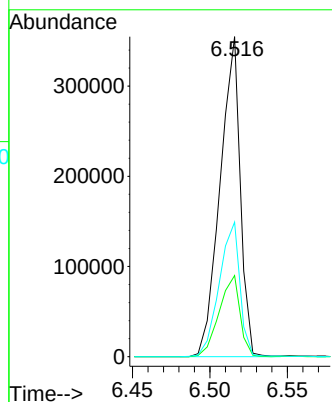
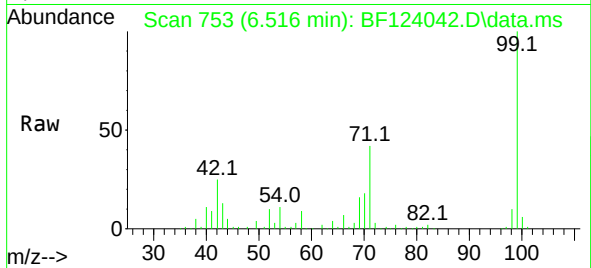




#7
Phenol-d6
Concen: 64.21 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

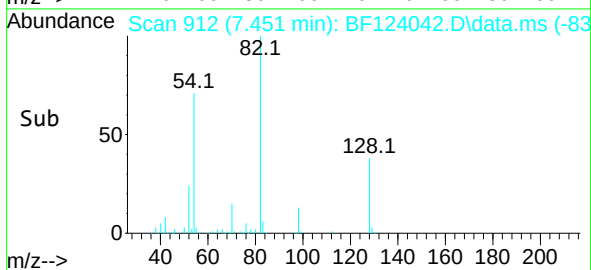
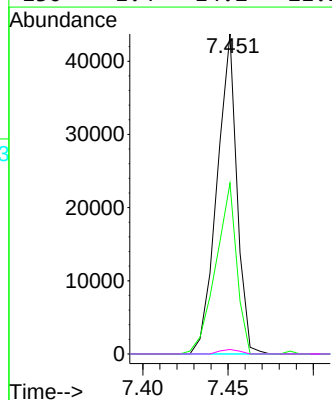
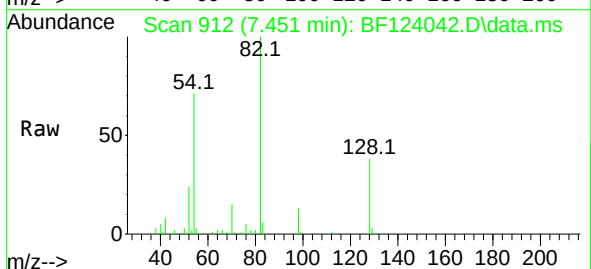
Instrument :
BNA_F
ClientSampleId :
OR-03-052121

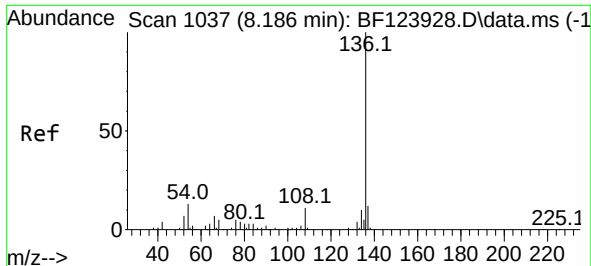
Tgt Ion: 99 Resp: 320896
Ion Ratio Lower Upper
99 100
42 25.3 19.8 29.8
71 42.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.55 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

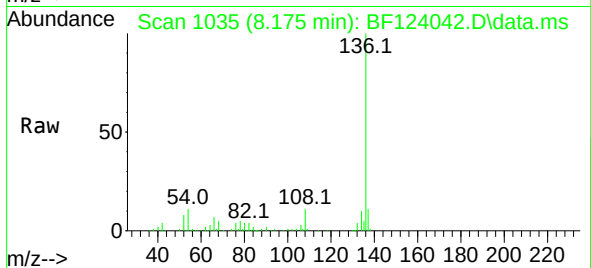
Tgt Ion: 70 Resp: 35620
Ion Ratio Lower Upper
70 100
42 53.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



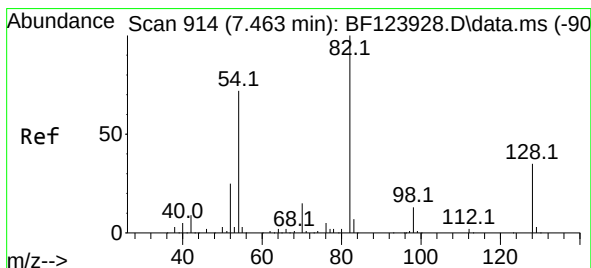
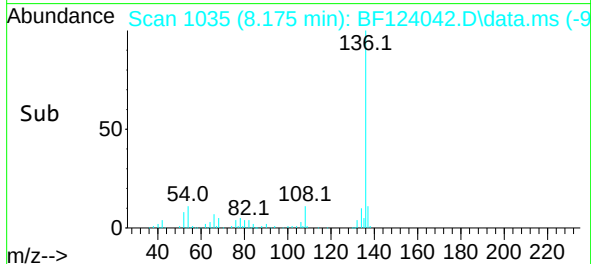
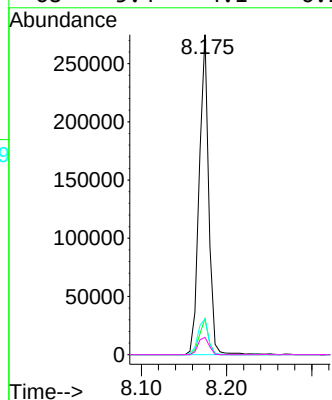


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Instrument :
BNA_F
ClientSampleId :
OR-03-052121

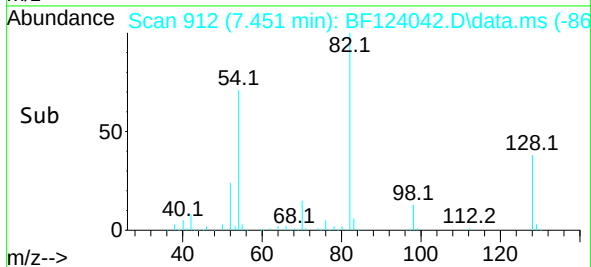
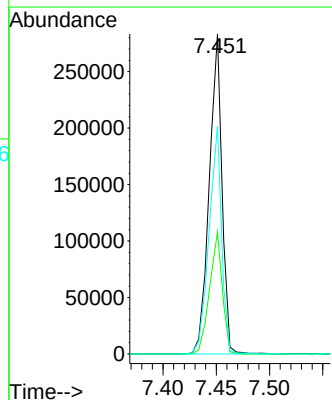
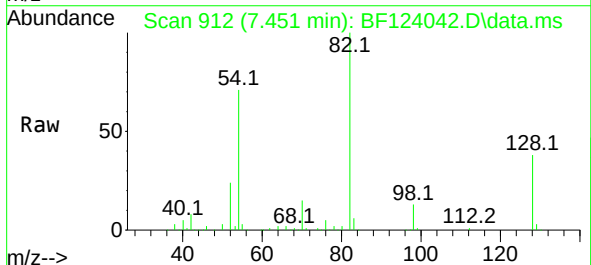


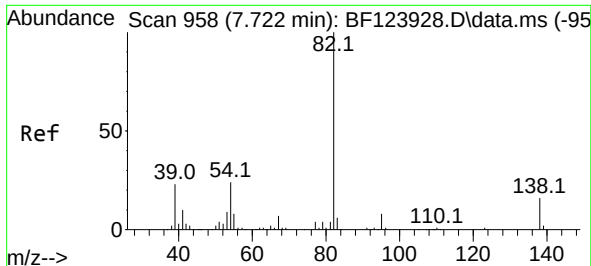
Tgt Ion:	136	Resp:	212689
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.2	9.8	14.6
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 48.05 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:	82	Resp:	237198
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.4	44.2
54	71.2	54.1	81.1

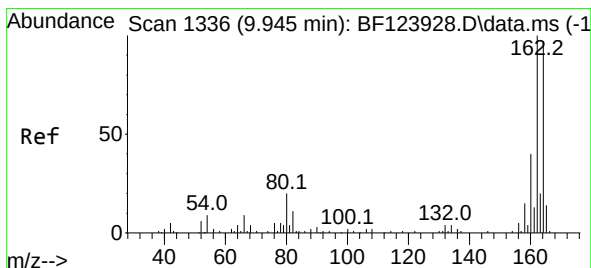
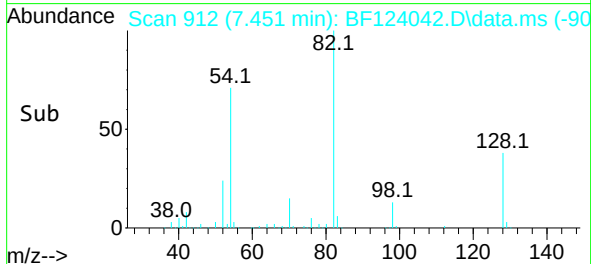
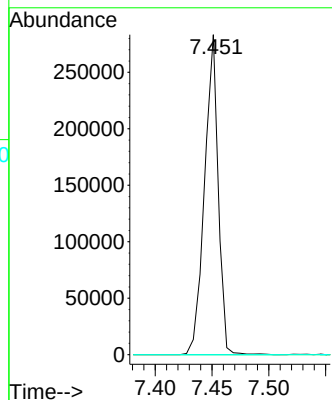
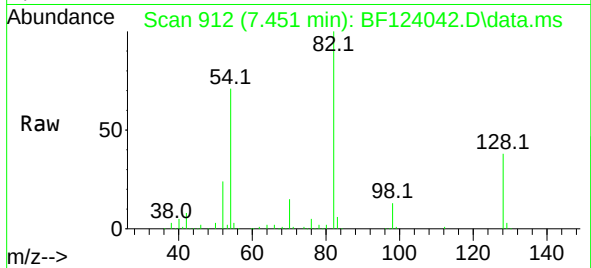




#25
Isophorone
Concen: 24.98 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

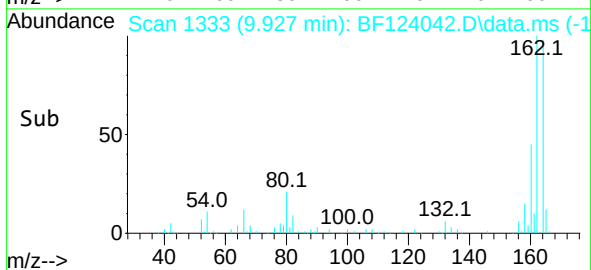
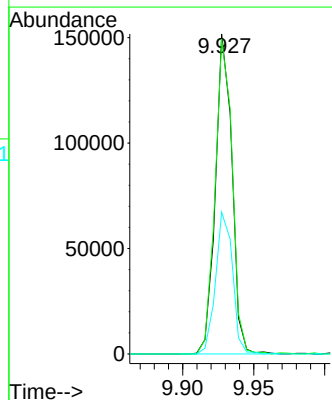
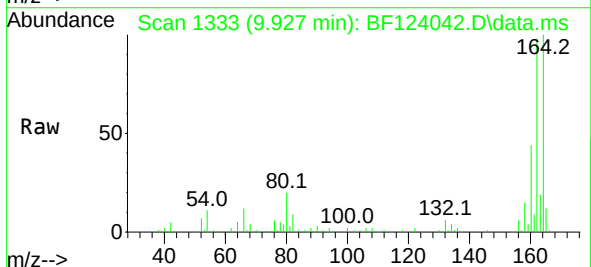
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ClientSampleId :
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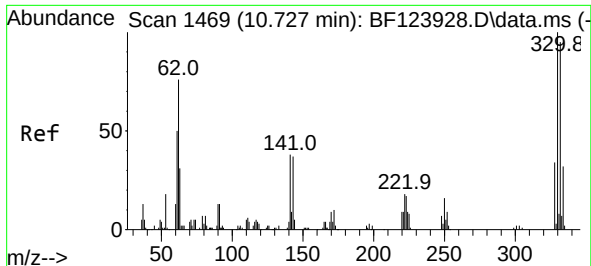
Tgt Ion: 82 Resp: 237195
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

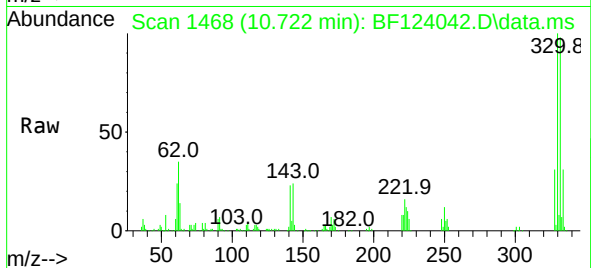
Tgt Ion:164 Resp: 122939
Ion Ratio Lower Upper
164 100
162 98.4 80.7 121.1
160 44.3 37.3 55.9



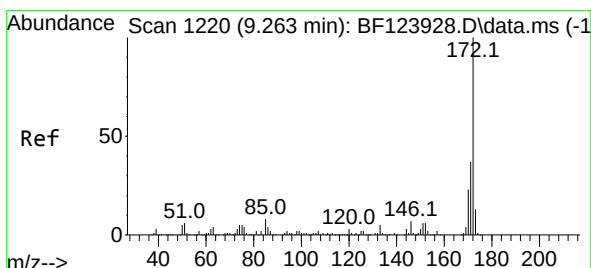
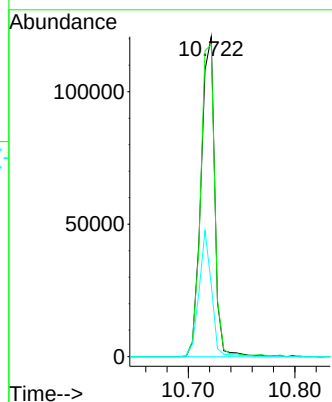
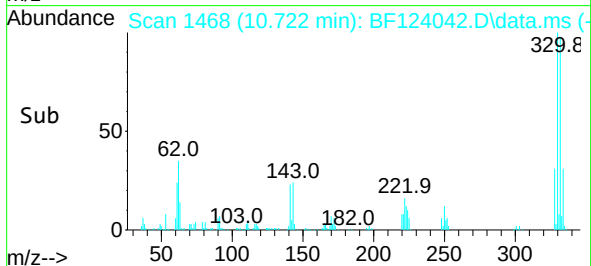


#42
2,4,6-Tribromophenol
Concen: 73.09 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

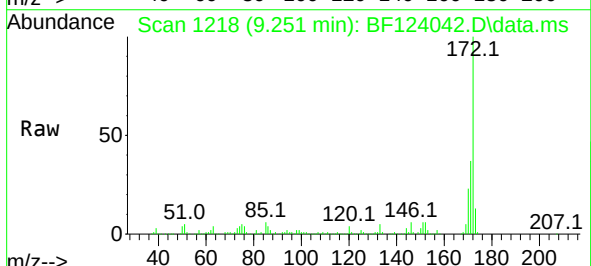
Instrument :
BNA_F
ClientSampleId :
OR-03-052121



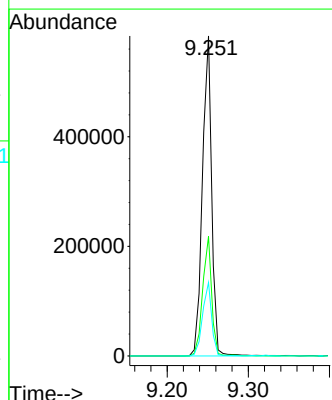
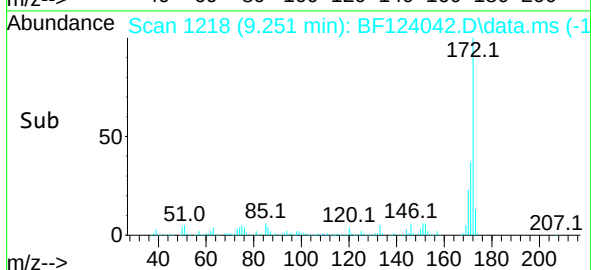
Tgt Ion:330 Resp: 107924
Ion Ratio Lower Upper
330 100
332 100.4 77.1 115.7
141 36.0 27.9 41.9

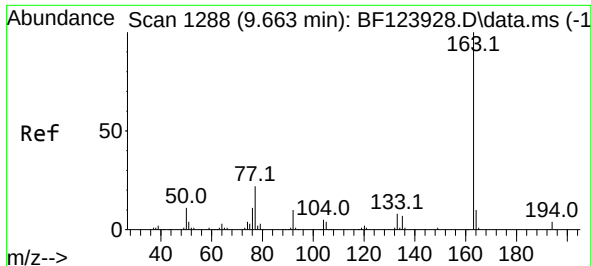


#45
2-Fluorobiphenyl
Concen: 46.49 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42



Tgt Ion:172 Resp: 464457
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.0 19.2 28.8

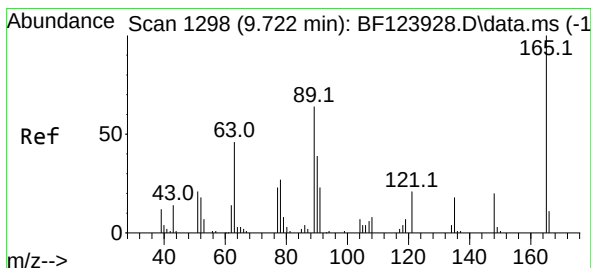
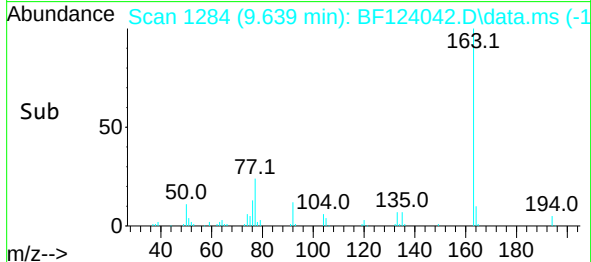
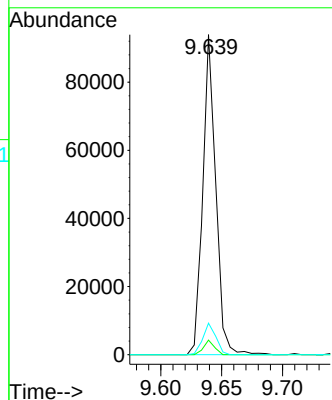
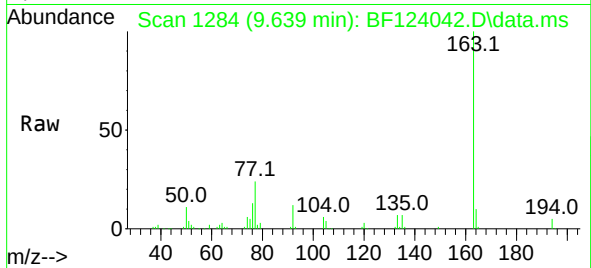




#50
Dimethylphthalate
Concen: 7.12 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

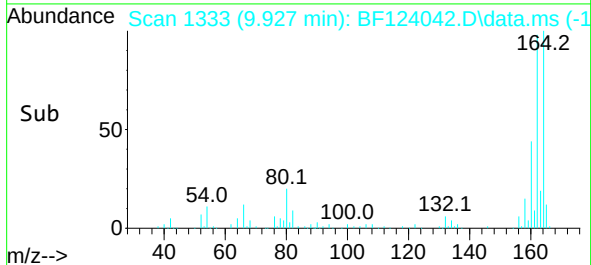
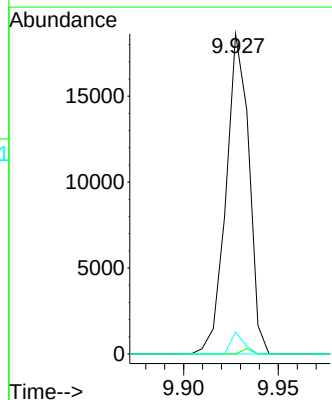
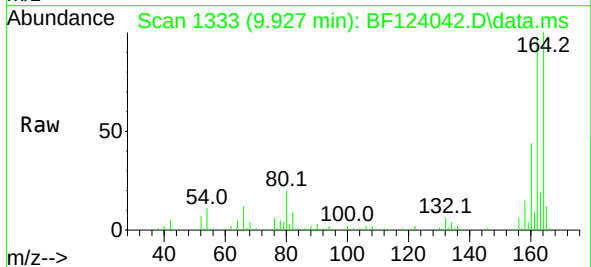
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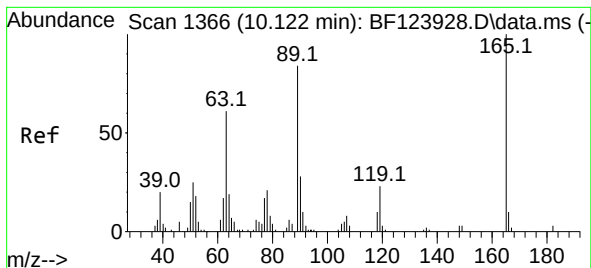
Tgt Ion:163 Resp: 69941
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 9.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

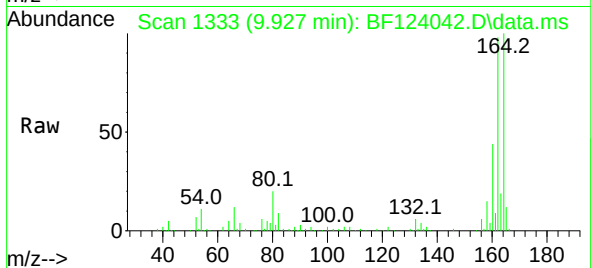
Tgt Ion:165 Resp: 15623
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 6.9 58.8 88.2#



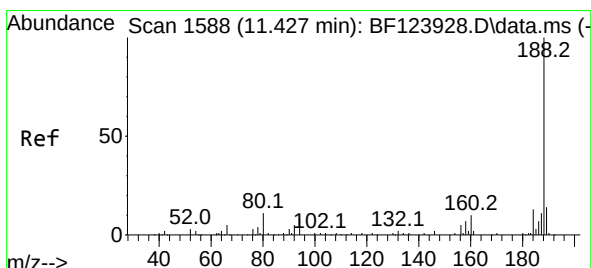
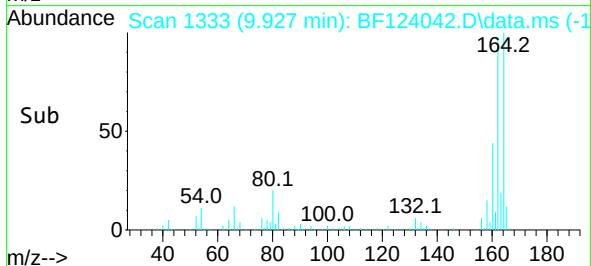
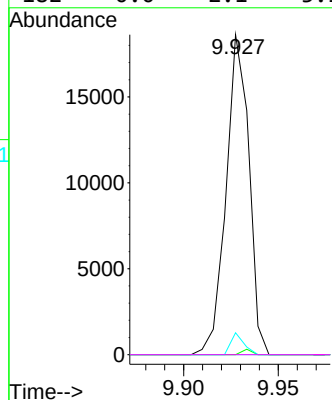


#57
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Instrument :
BNA_F
ClientSampleId :
OR-03-052121

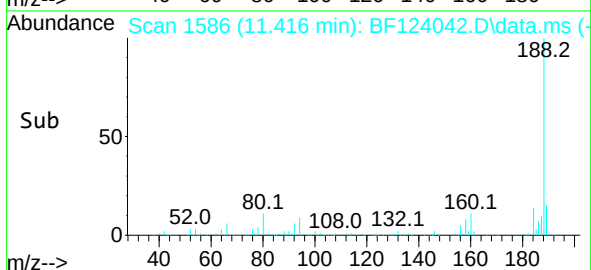
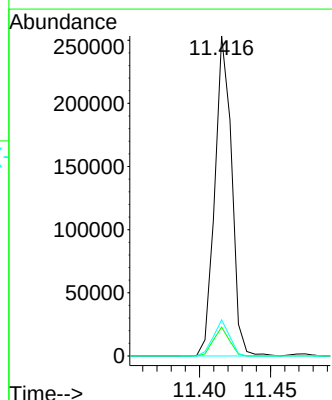
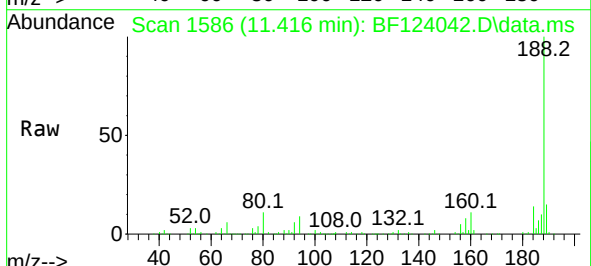


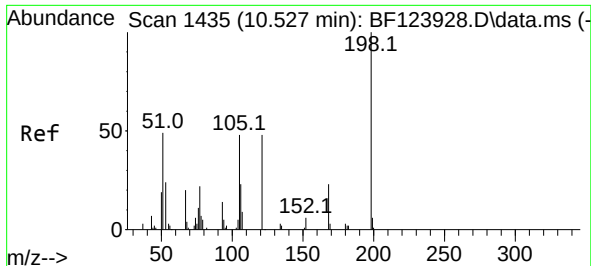
Tgt Ion:165 Resp: 15623
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 6.9 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:188 Resp: 209115
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 11.3 8.2 12.2

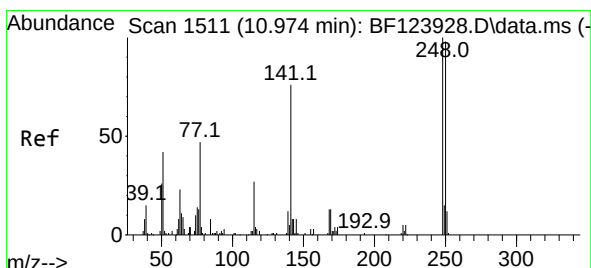
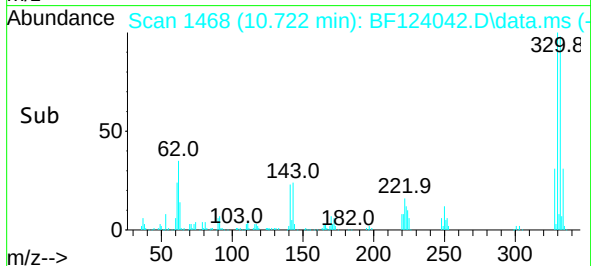
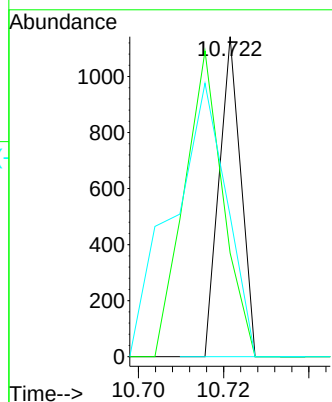
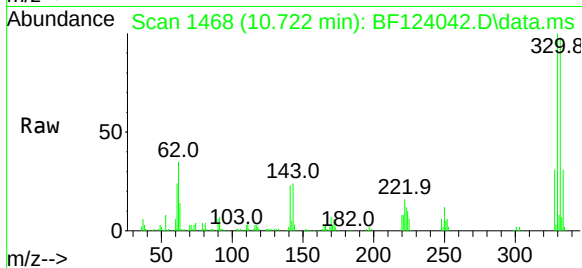




#65
4,6-Dinitro-2-methylphenol
Concen: 5.70 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.195 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

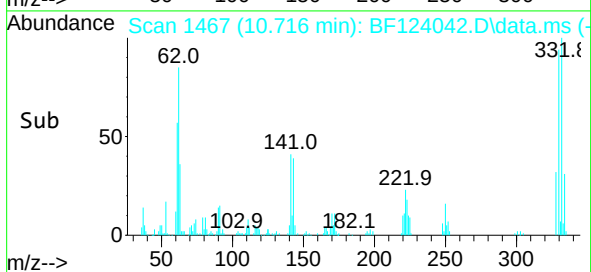
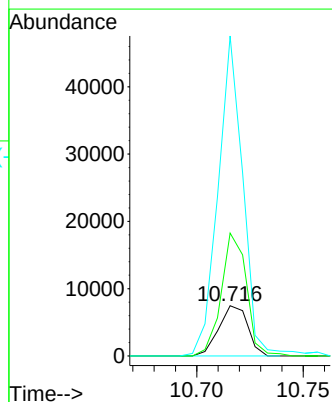
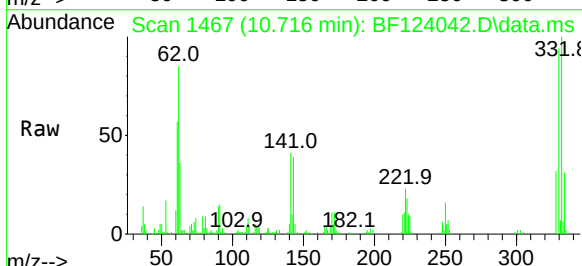
Instrument :
BNA_F
ClientSampleId :
OR-03-052121

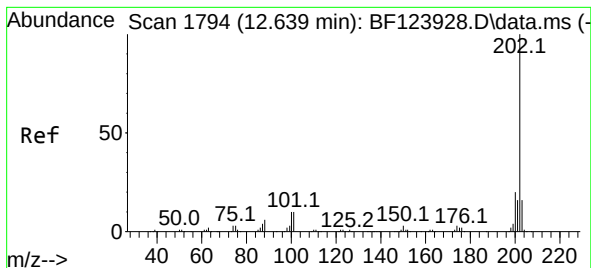
Tgt Ion:198 Resp: 403
Ion Ratio Lower Upper
198 100
51 32.4 64.8 104.8#
105 145.9 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.259 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:248 Resp: 7052
Ion Ratio Lower Upper
248 100
250 244.3 77.4 116.2#
141 636.3 63.7 95.5#

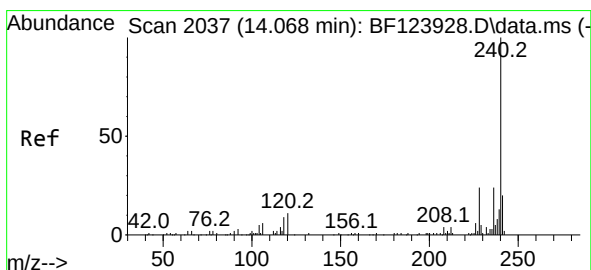
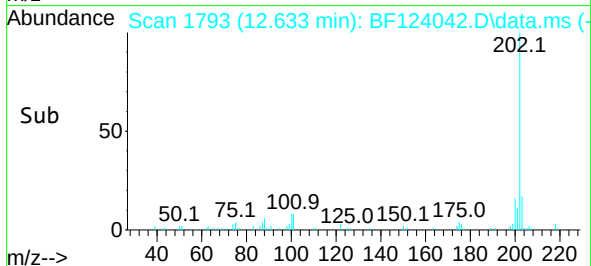
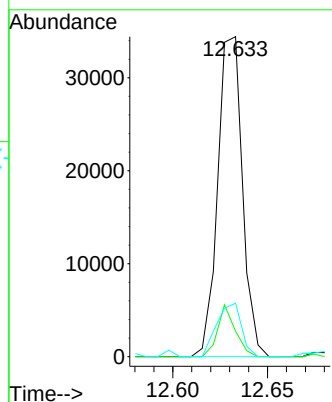
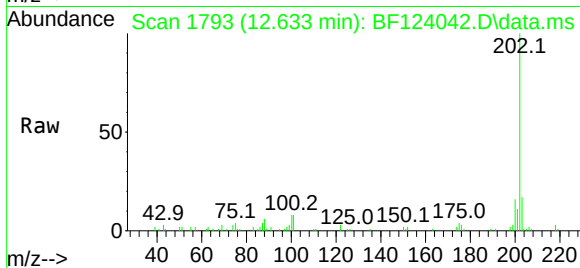




#75
Fluoranthene
Concen: 2.28 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

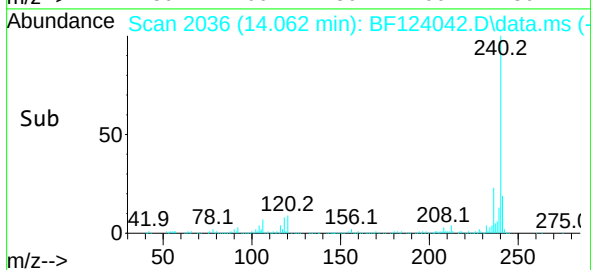
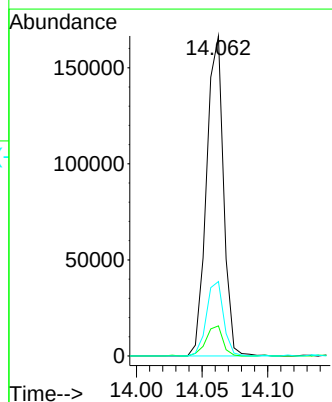
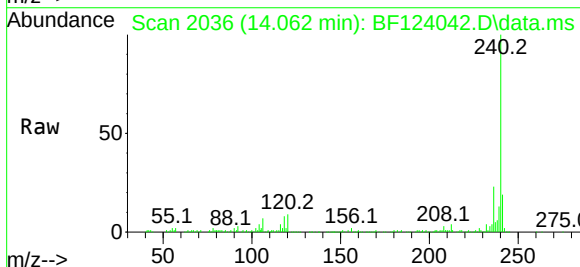
Instrument :
BNA_F
ClientSampleId :
OR-03-052121

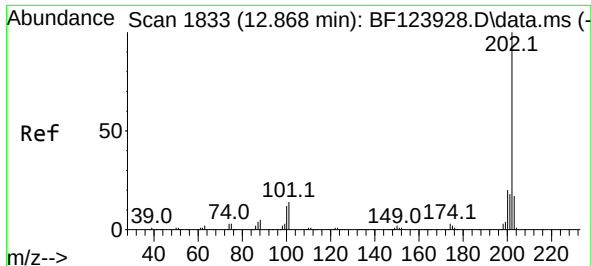
Tgt Ion:202	Resp:	31259
Ion Ratio	Lower	Upper
202	100	
101	8.0	0.0 30.9
203	16.7	0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:240	Resp:	150312
Ion Ratio	Lower	Upper
240	100	
120	9.4	7.2 10.8
236	23.3	19.0 28.4

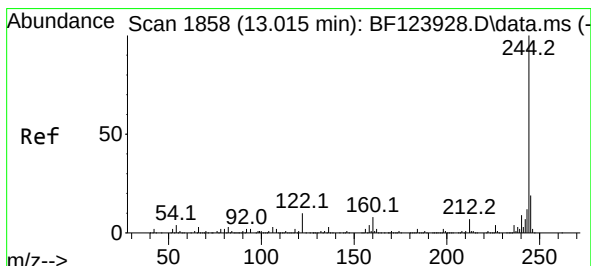
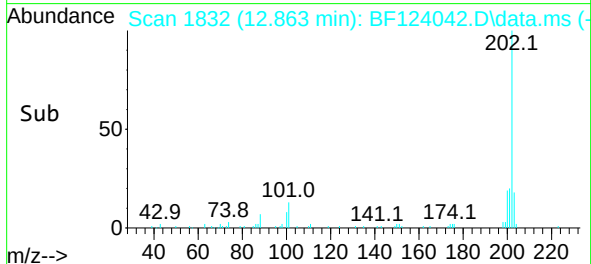
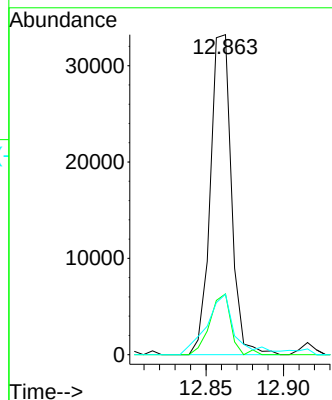
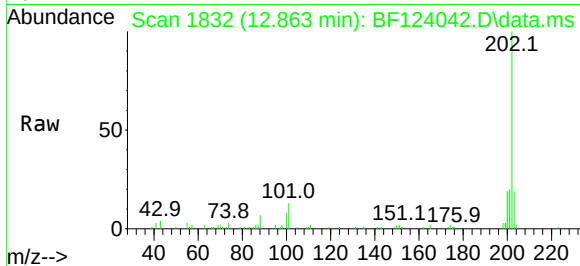




#78
Pyrene
Concen: 2.35 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

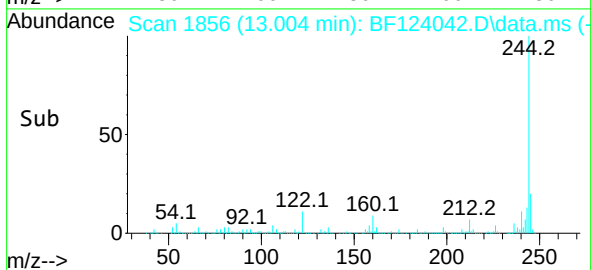
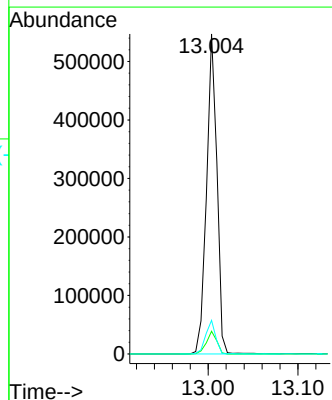
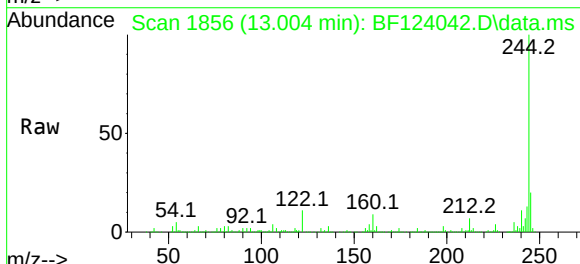
Instrument :
BNA_F
ClientSampleId :
OR-03-052121

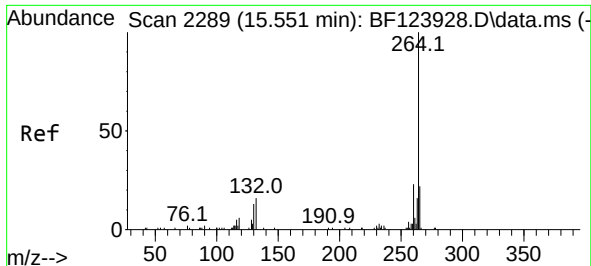
Tgt Ion:202	Resp:	31403
Ion Ratio	Lower	Upper
202	100	
200	19.0	16.1 24.1
203	18.9	14.8 22.2



#79
Terphenyl-d14
Concen: 44.23 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BF124042.D
Acq: 24 May 2021 17:42

Tgt Ion:244	Resp:	438968
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.7 8.5
122	10.5	9.7 14.5

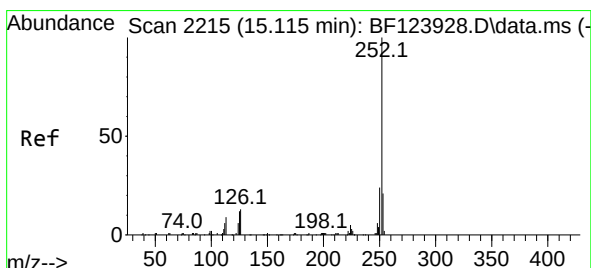
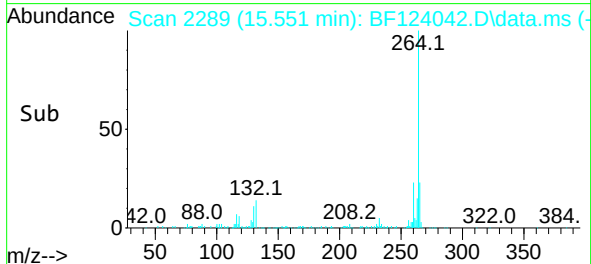
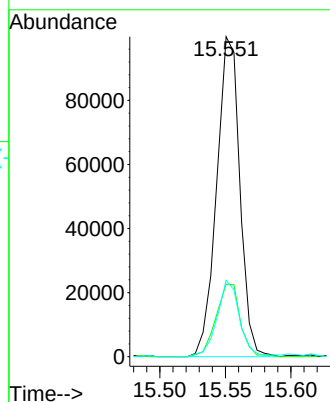
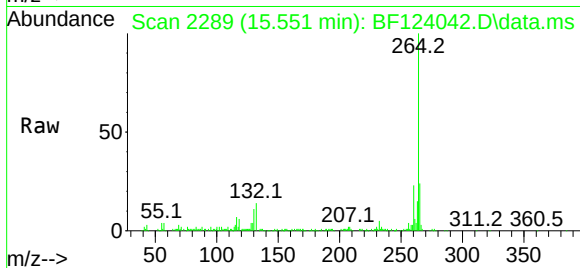




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: BF124042.D
 Acq: 24 May 2021 17:42

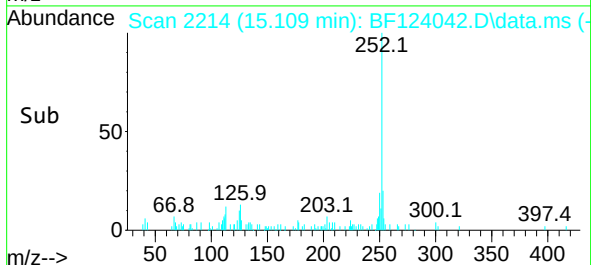
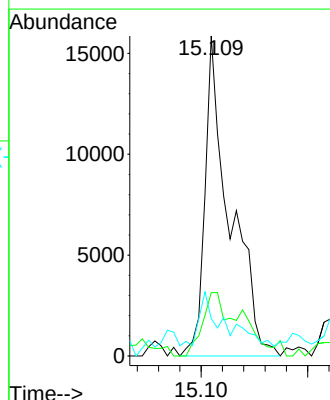
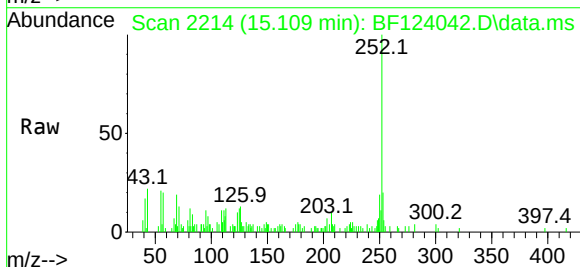
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-052121

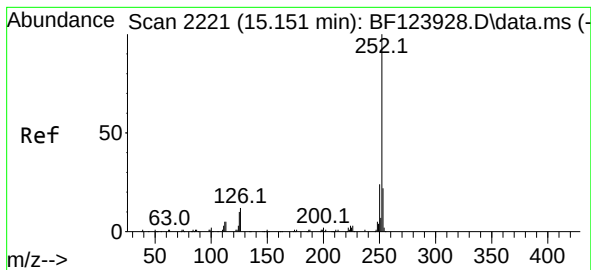
Tgt Ion:264	Resp:	122536
Ion Ratio	Lower	Upper
264	100	
260	22.7	18.7 28.1
265	23.8	17.8 26.8



#88
 Benzo(b)fluoranthene
 Concen: 2.72 ng
 RT: 15.109 min Scan# 2214
 Delta R.T. -0.006 min
 Lab File: BF124042.D
 Acq: 24 May 2021 17:42

Tgt Ion:252	Resp:	25776
Ion Ratio	Lower	Upper
252	100	
253	19.8	18.1 27.1
125	11.7	6.2 9.4#





#89

Benzo(k)fluoranthene

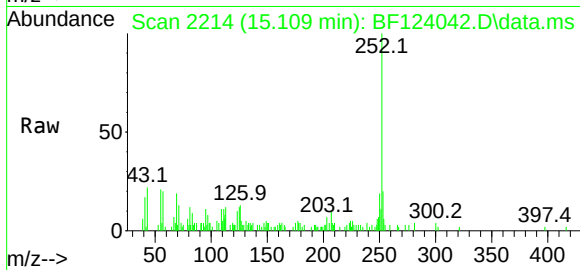
Concen: 2.98 ng

RT: 15.109 min Scan# 2214

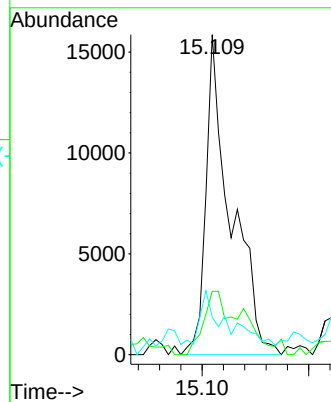
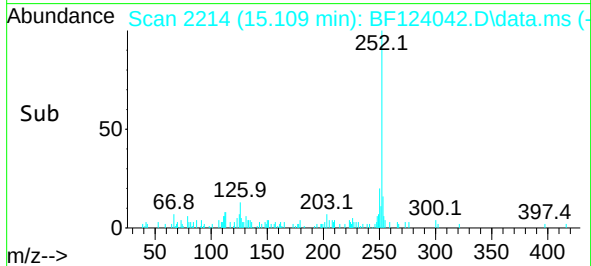
Delta R.T. -0.041 min

Lab File: BF124042.D

Acq: 24 May 2021 17:42



Tgt Ion:	252	Resp:	25776
Ion Ratio	Lower	Upper	
252	100		
253	19.8	17.9	26.9
125	11.7	7.0	10.6#



Instrument :

BNA_F

ClientSampleId :

OR-03-052121