

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123993.D
 Acq On : 19 May 2021 16:41
 Operator : JU/CG
 Sample : M2439-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11939

Quant Time: May 20 02:25:49 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

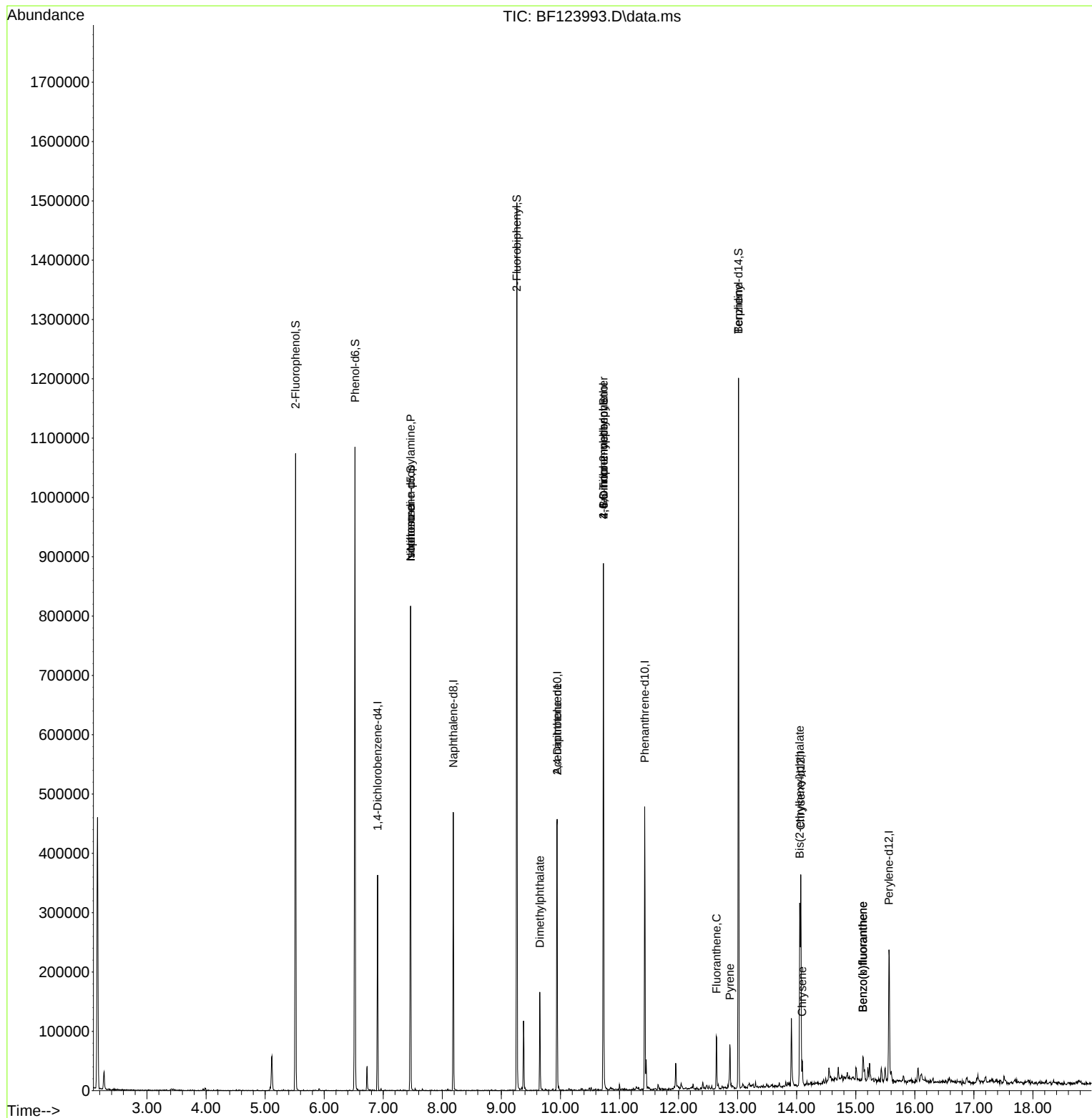
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	40099	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	161908	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	91499	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	150258	20.00	ng	0.00
76) Chrysene-d12	14.068	240	104704	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	93669	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	217870	76.29	ng	0.00
7) Phenol-d6	6.522	99	278086	75.06	ng	0.00
23) Nitrobenzene-d5	7.463	82	200298	53.30	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	80368	73.13	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	346127	46.55	ng	0.00
79) Terphenyl-d14	13.016	244	319078	46.15	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	28069	11.21	ng	# 80
25) Isophorone	7.463	82	200293	27.71	ng	# 69
50) Dimethylphthalate	9.651	163	54092	7.40	ng	99
57) 2,4-Dinitrotoluene	9.945	165	10764	5.94	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.727	198	250	5.67	ng	# 34
67) 4-Bromophenyl-phenylether	10.727	248	6342	3.21	ng	# 1
75) Fluoranthene	12.645	202	34939	3.54	ng	94
77) Benzidine	13.016	184	5094	2.02	ng	# 86
78) Pyrene	12.868	202	28151	3.03	ng	99
83) Chrysene	14.092	228	16280	2.24	ng	93
84) Bis(2-ethylhexyl)phtha...	14.051	149	60763	11.81	ng	95
88) Benzo(b)fluoranthene	15.121	252	28520	3.94	ng	# 94
89) Benzo(k)fluoranthene	15.121	252	28520	4.32	ng	# 94

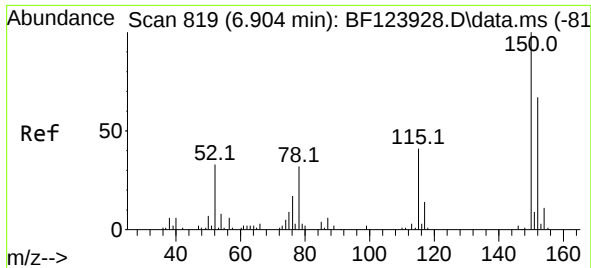
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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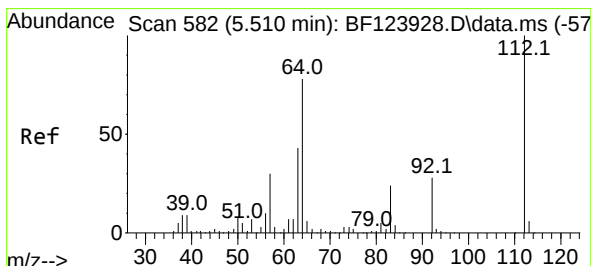
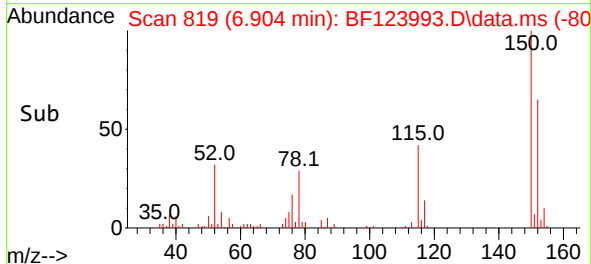
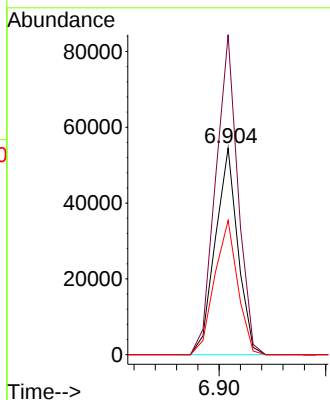
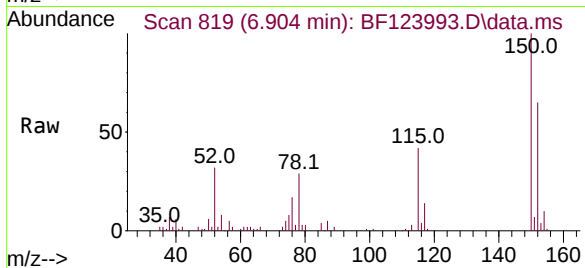




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

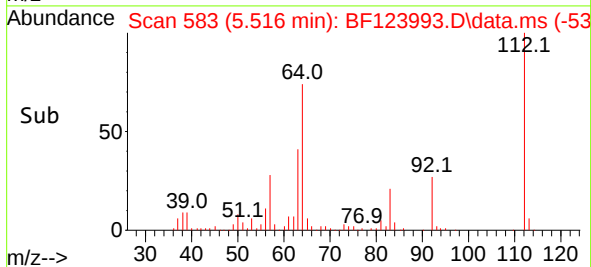
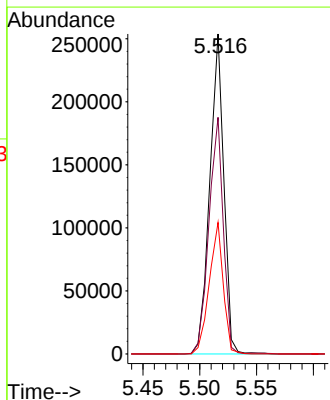
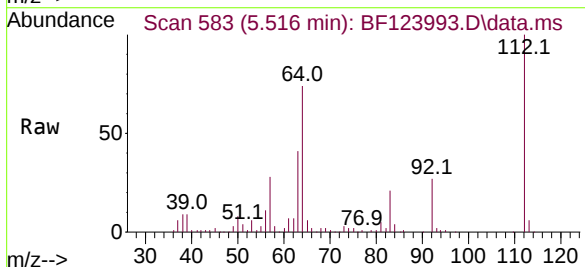
Instrument :
BNA_F
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RO-72-11939

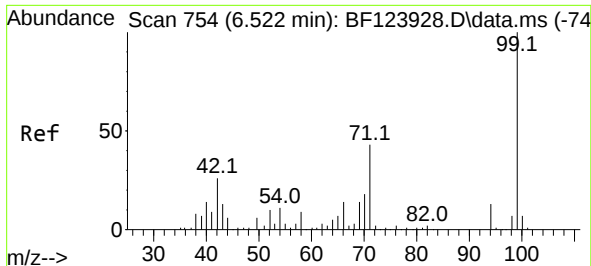
Tgt Ion:152 Resp: 40099
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 64.9 54.3 81.5



#5
2-Fluorophenol
Concen: 76.29 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:112 Resp: 217870
Ion Ratio Lower Upper
112 100
64 74.0 61.4 92.0
63 41.1 33.0 49.4

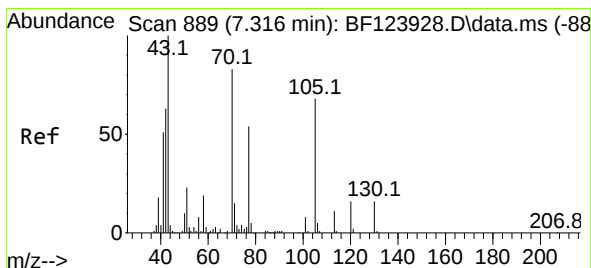
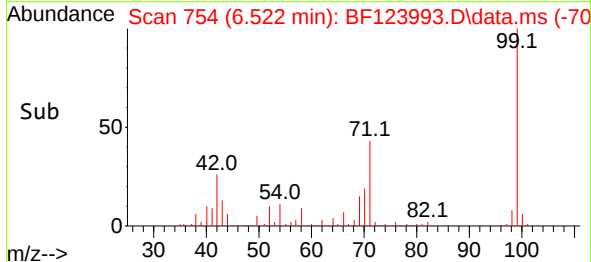
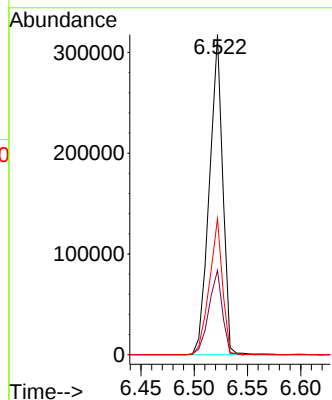
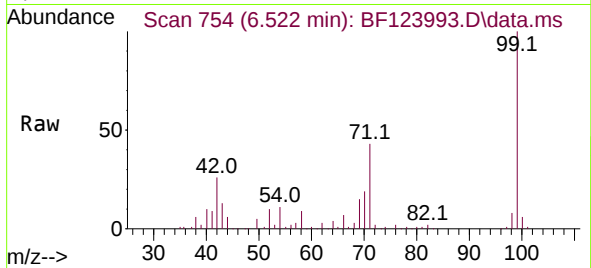




#7
Phenol-d6
Concen: 75.06 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

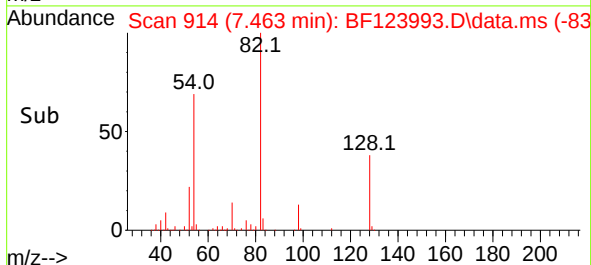
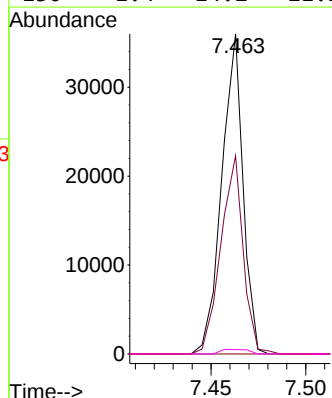
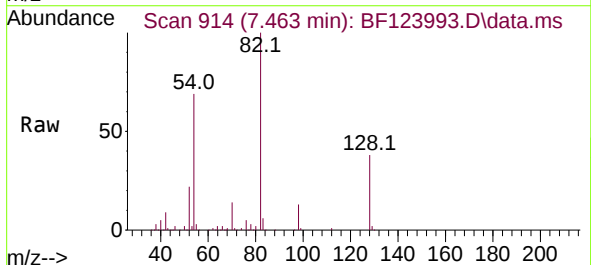
Instrument :
BNA_F
ClientSampleId :
RO-72-11939

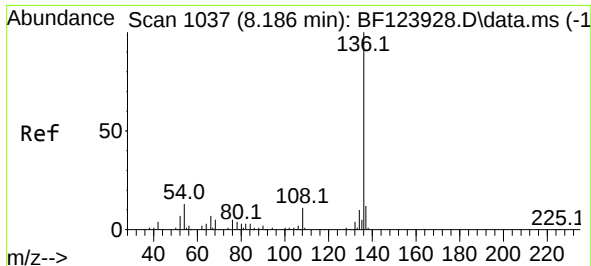
Tgt Ion: 99 Resp: 278086
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 42.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.21 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion: 70 Resp: 28069
Ion Ratio Lower Upper
70 100
42 61.9 60.1 90.1
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#

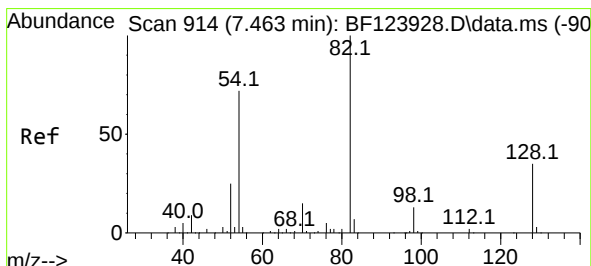
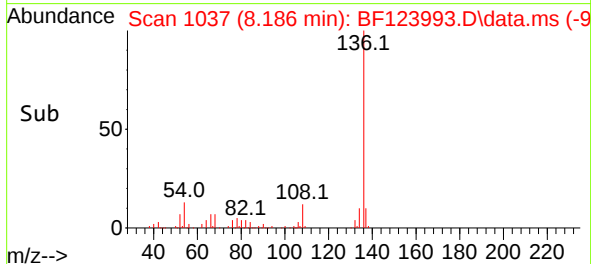
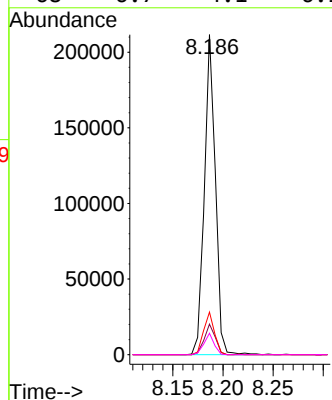
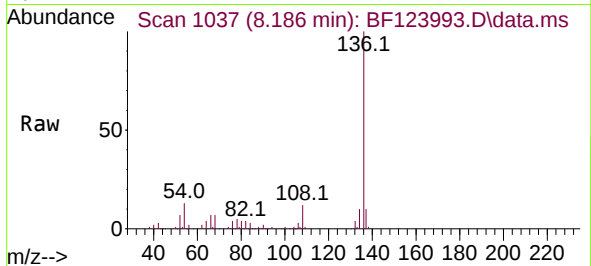




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

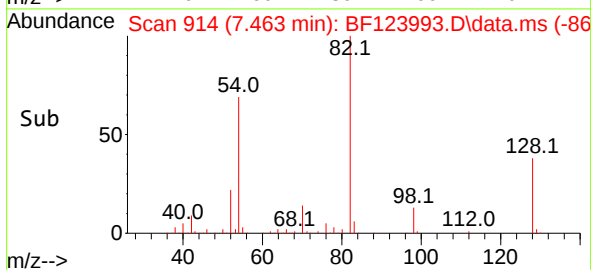
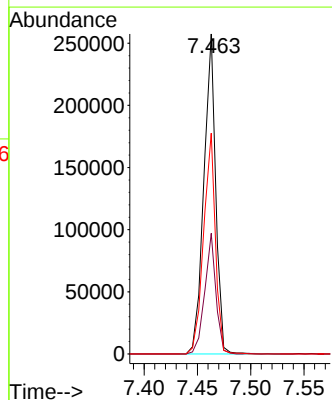
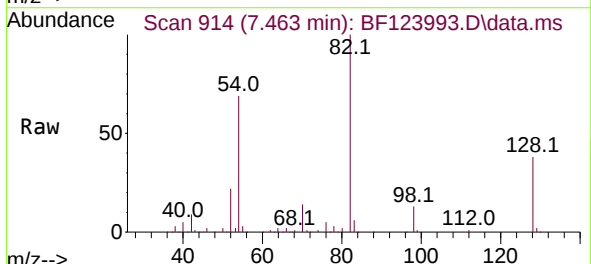
Instrument :
BNA_F
ClientSampleId :
RO-72-11939

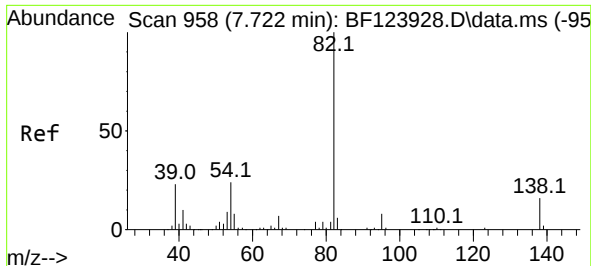
Tgt Ion:	136	Resp:	161908
Ion Ratio	Lower	Upper	
136	100		
137	9.5	8.7	13.1
54	13.3	9.8	14.6
68	6.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 53.30 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:	82	Resp:	200298
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.4	44.2
54	69.0	54.1	81.1

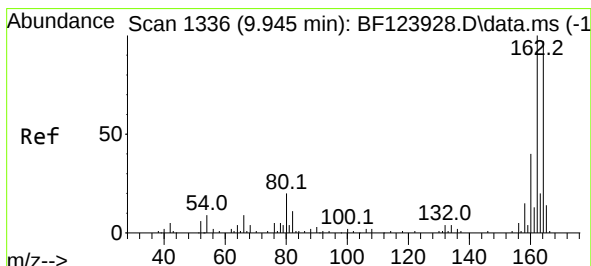
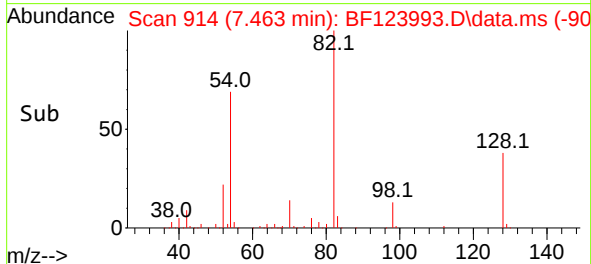
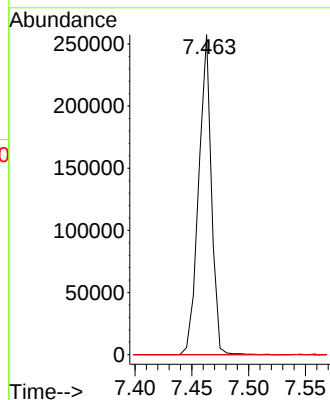
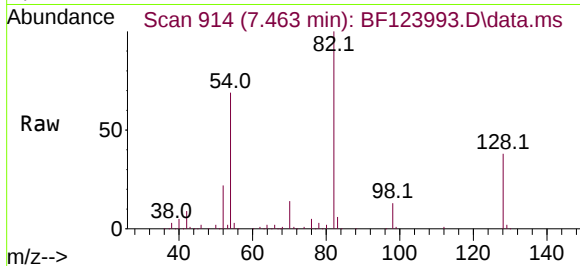




#25
Isophorone
Concen: 27.71 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

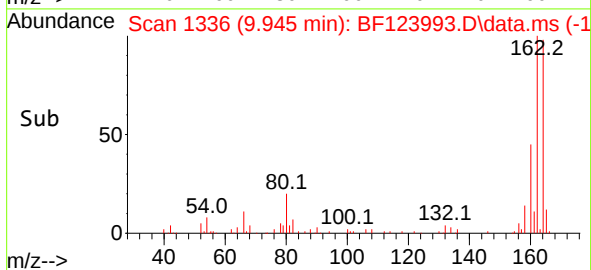
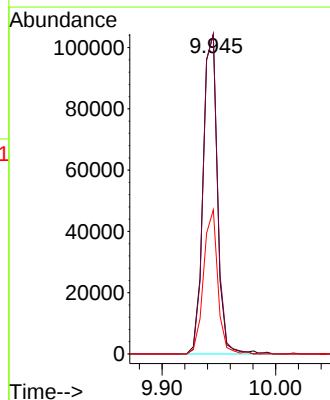
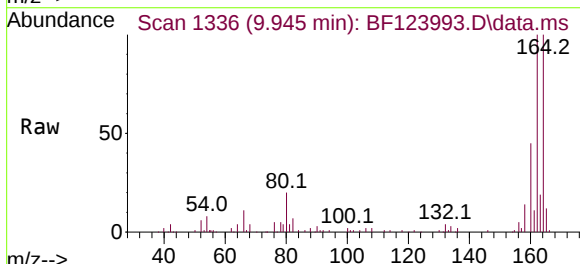
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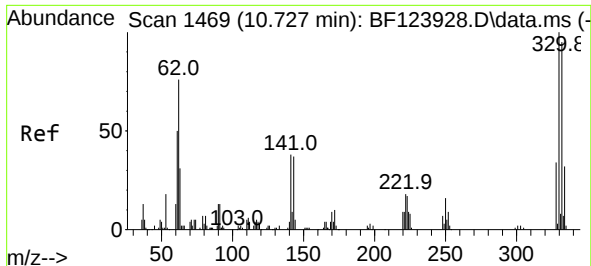
Tgt Ion: 82 Resp: 200293
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

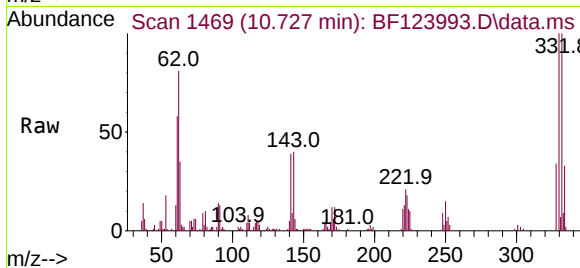
Tgt Ion: 164 Resp: 91499
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 45.1 37.3 55.9



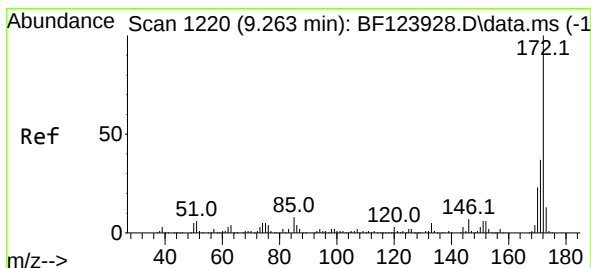
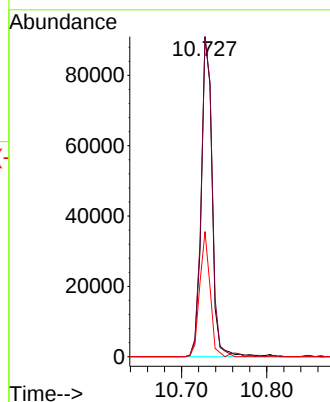
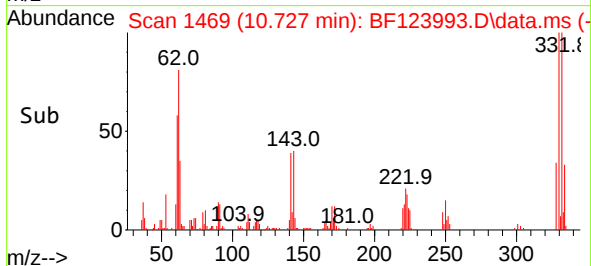


#42
2,4,6-Tribromophenol
Concen: 73.13 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

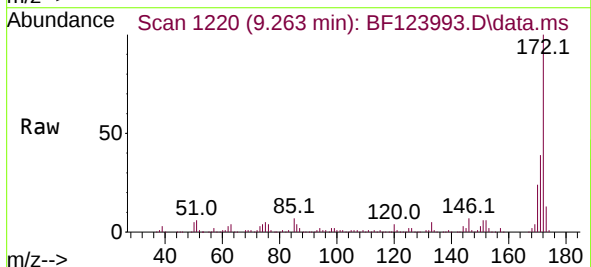
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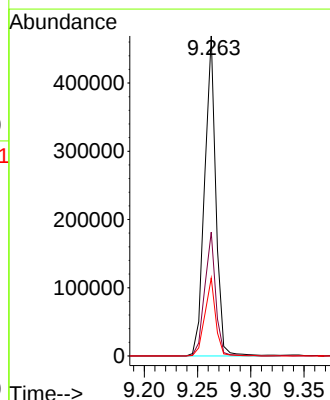
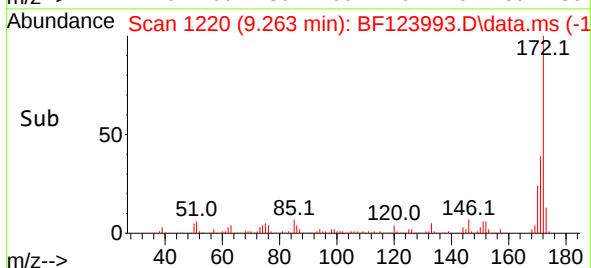
Tgt Ion: 330 Resp: 80368
Ion Ratio Lower Upper
330 100
332 101.5 77.1 115.7
141 37.2 27.9 41.9

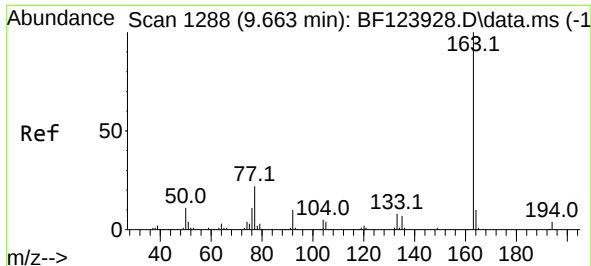


#45
2-Fluorobiphenyl
Concen: 46.55 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41



Tgt Ion: 172 Resp: 346127
Ion Ratio Lower Upper
172 100
171 38.7 28.1 42.1
170 24.3 19.2 28.8

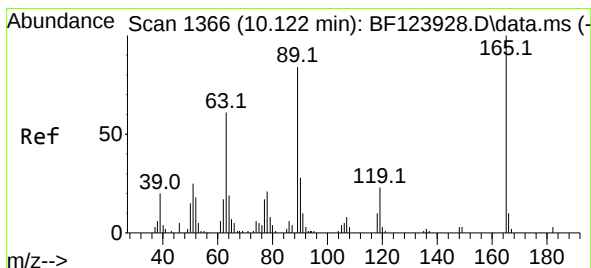
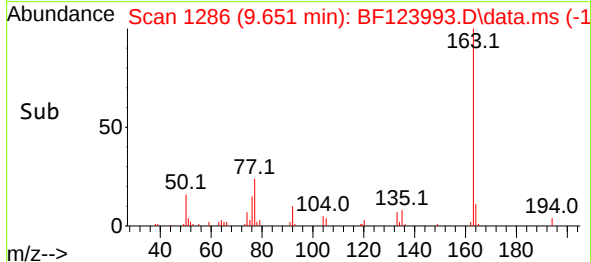
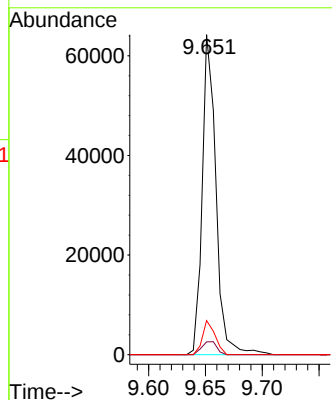
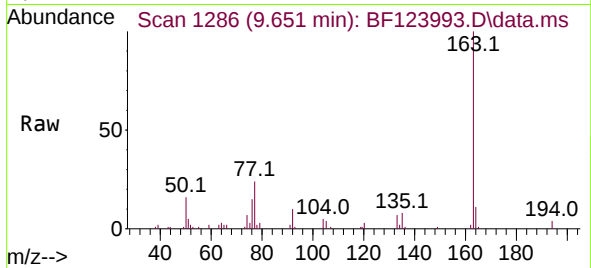




#50
Dimethylphthalate
Concen: 7.40 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

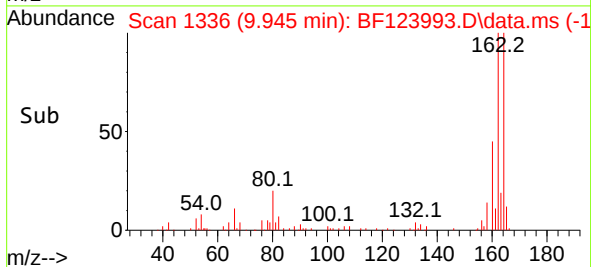
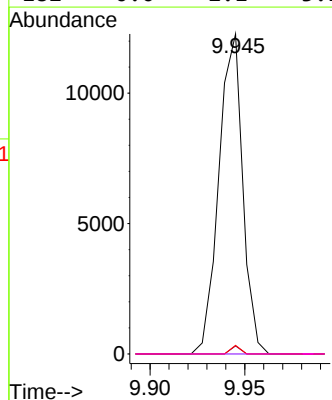
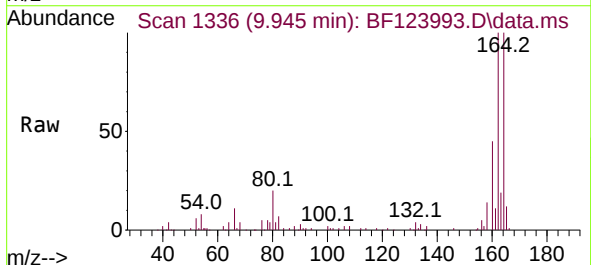
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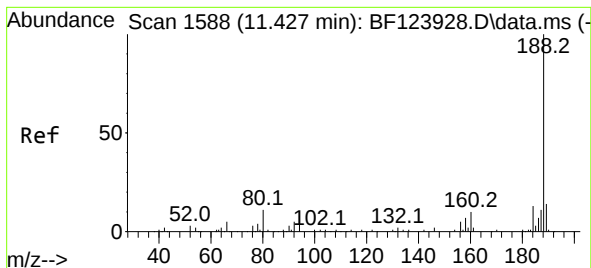
Tgt Ion:163 Resp: 54092
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.7 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:165 Resp: 10764
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 2.7 67.7 101.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF123993.D

Acq: 19 May 2021 16:41

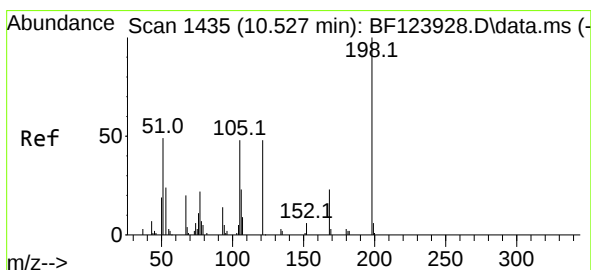
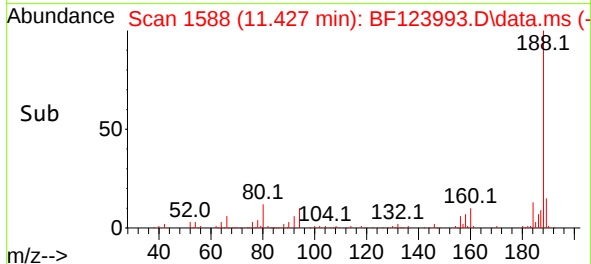
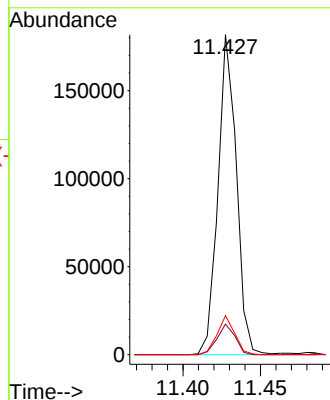
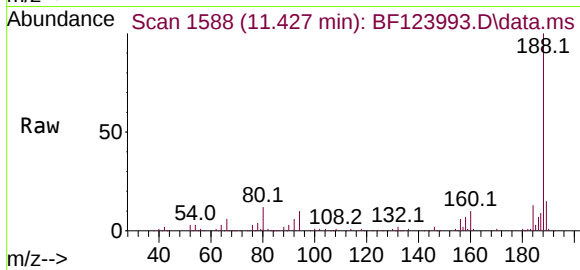
Tgt Ion:188 Resp: 150258

Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

80 12.2 8.2 12.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.67 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.200 min

Lab File: BF123993.D

Acq: 19 May 2021 16:41

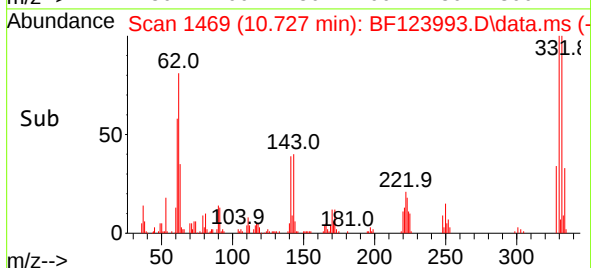
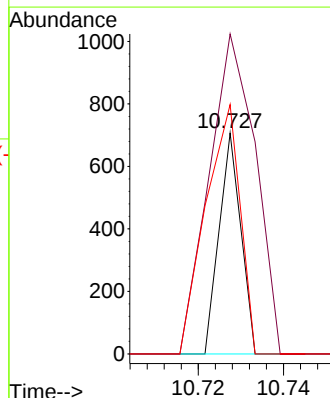
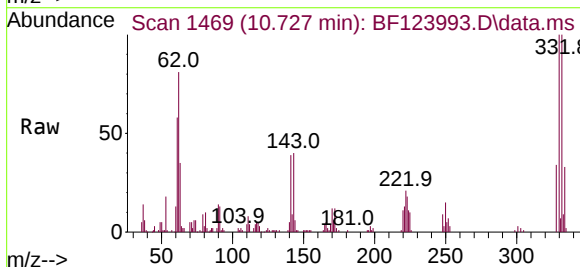
Tgt Ion:198 Resp: 250

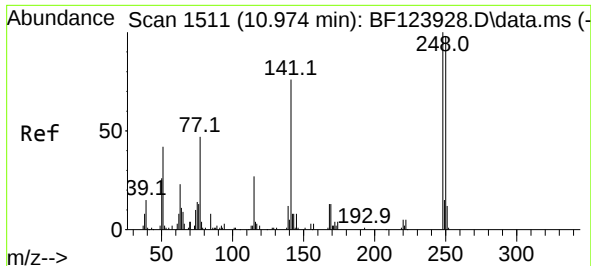
Ion Ratio Lower Upper

198 100

51 144.8 64.8 104.8#

105 112.9 42.6 82.6#

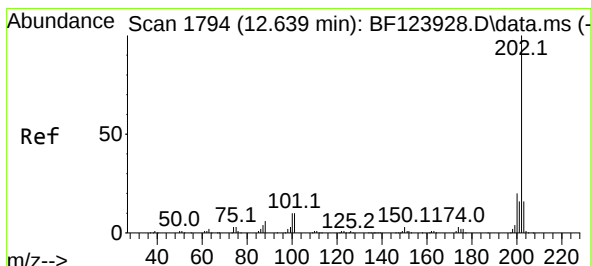
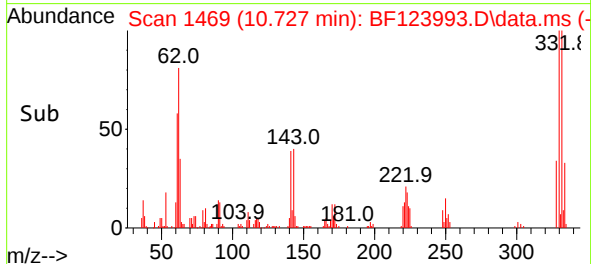
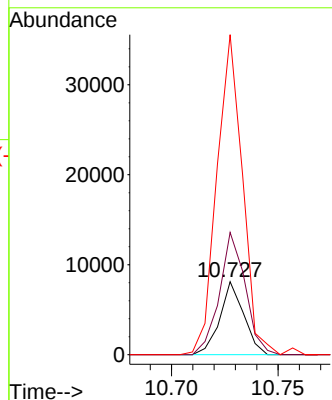
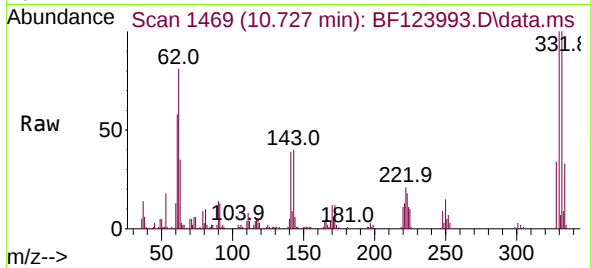




#67
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

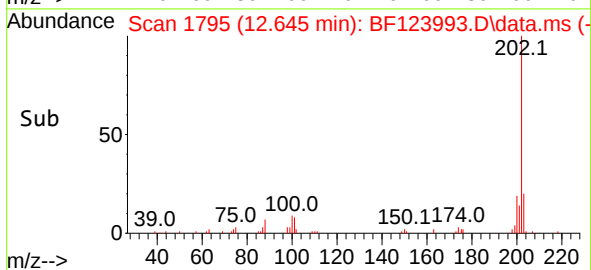
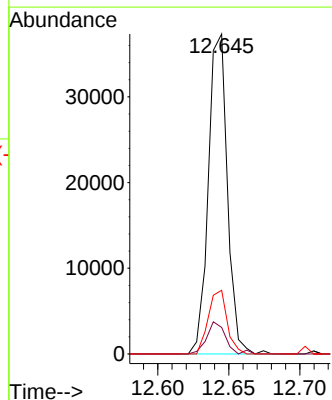
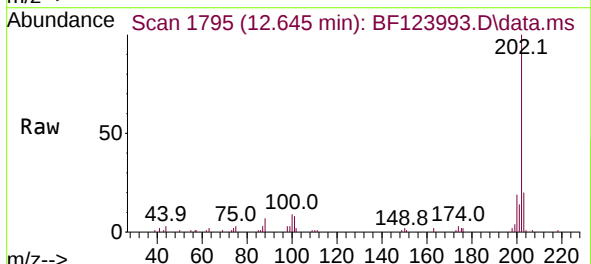
Instrument :
BNA_F
ClientSampleId :
RO-72-11939

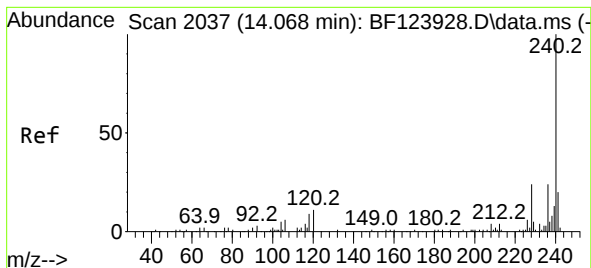
Tgt Ion:248 Resp: 6342
Ion Ratio Lower Upper
248 100
250 167.4 77.4 116.2#
141 438.4 63.7 95.5#



#75
Fluoranthene
Concen: 3.54 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:202 Resp: 34939
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.9
203 19.9 0.0 37.5

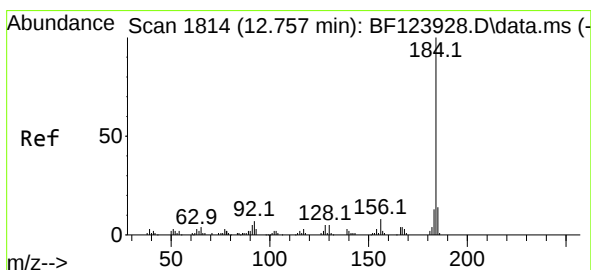
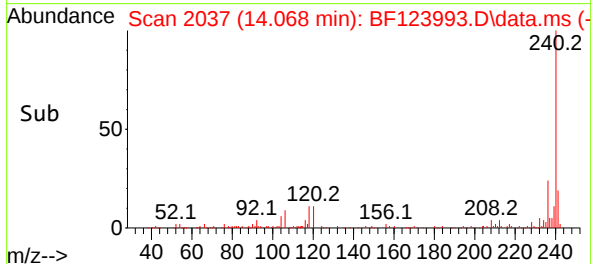
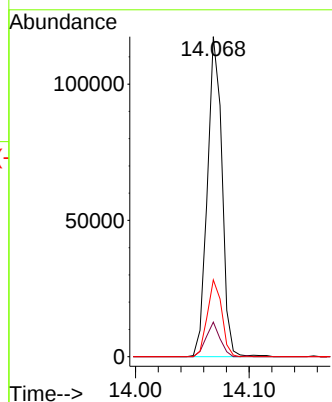
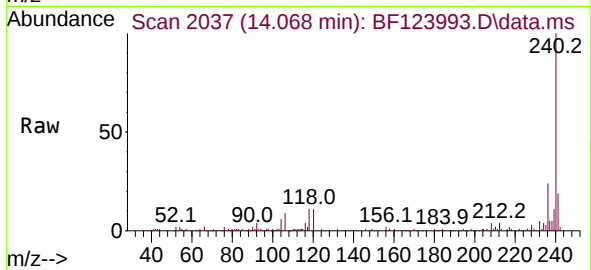




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

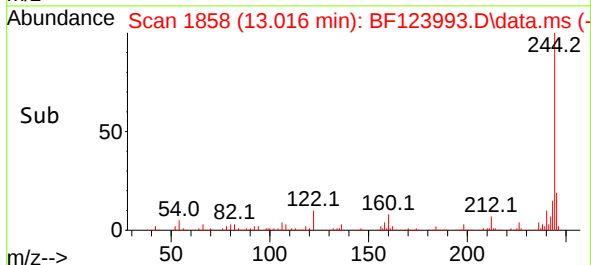
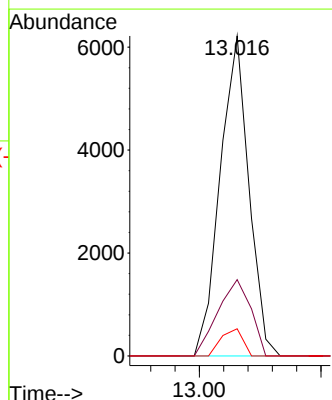
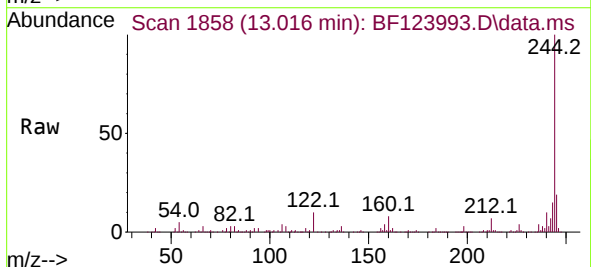
Instrument :
BNA_F
ClientSampleId :
RO-72-11939

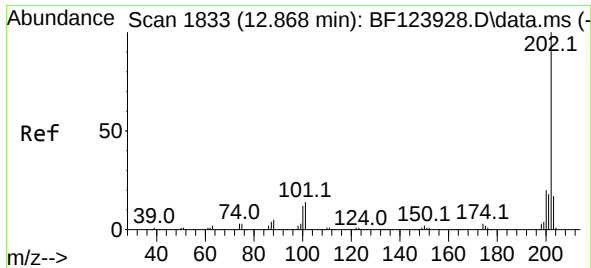
Tgt Ion:240 Resp: 104704
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 24.0 19.0 28.4



#77
Benzidine
Concen: 2.02 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:184 Resp: 5094
Ion Ratio Lower Upper
184 100
185 23.9 12.1 18.1#
183 8.5 7.8 11.8

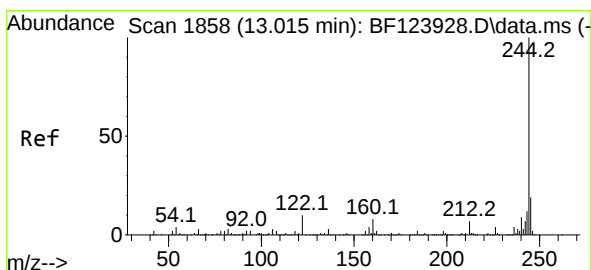
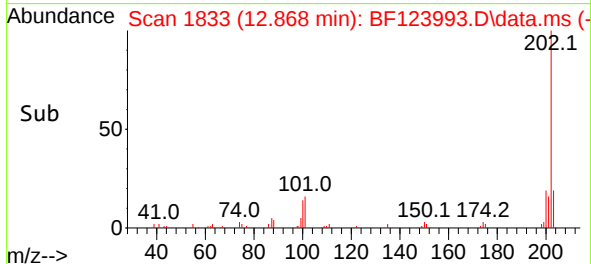
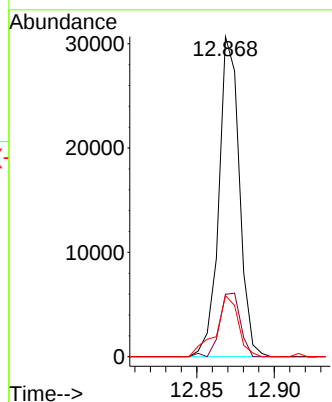
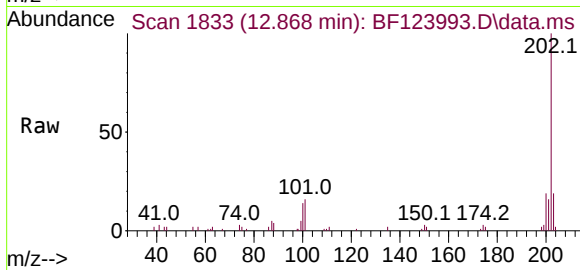




#78
Pyrene
Concen: 3.03 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

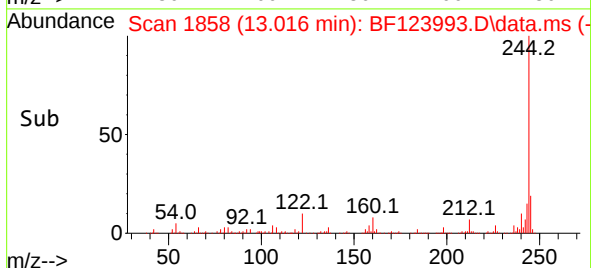
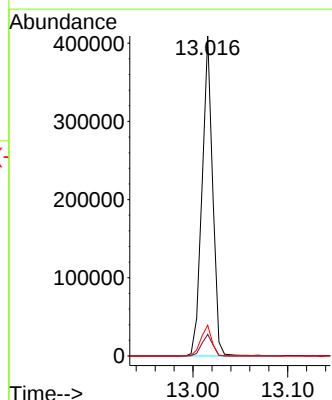
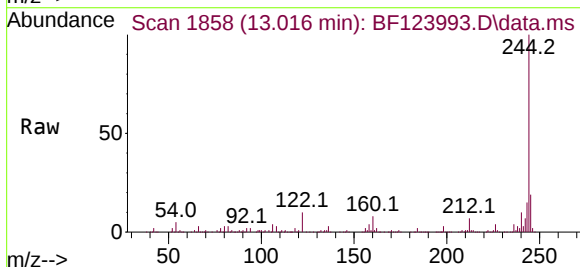
Instrument :
BNA_F
ClientSampleId :
RO-72-11939

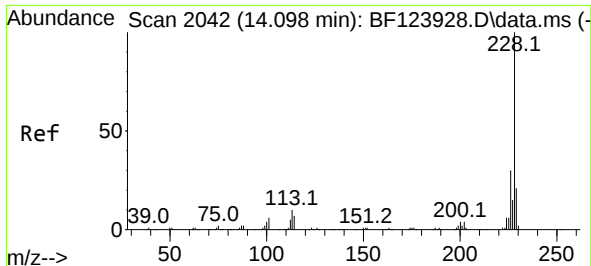
Tgt Ion:202	Resp:	28151
Ion Ratio	Lower	Upper
202	100	
200	19.5	16.1 24.1
203	19.0	14.8 22.2



#79
Terphenyl-d14
Concen: 46.15 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:244	Resp:	319078
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.7 8.5
122	9.6	9.7 14.5#

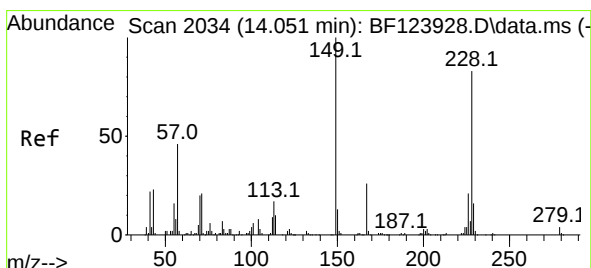
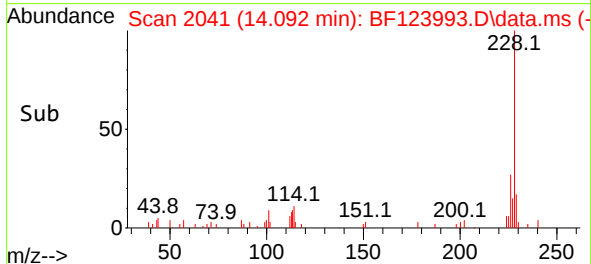
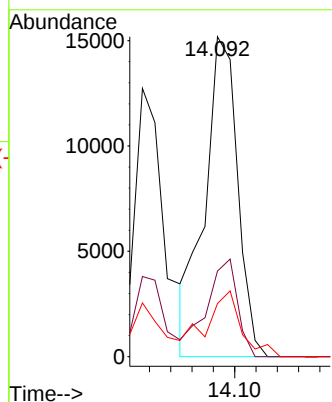
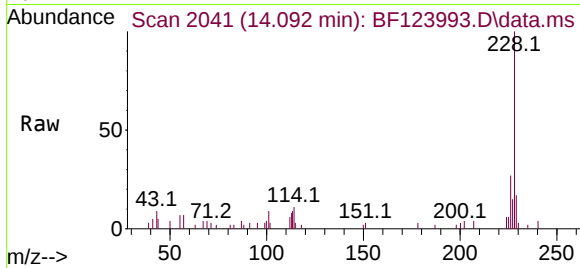




#83
Chrysene
Concen: 2.24 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

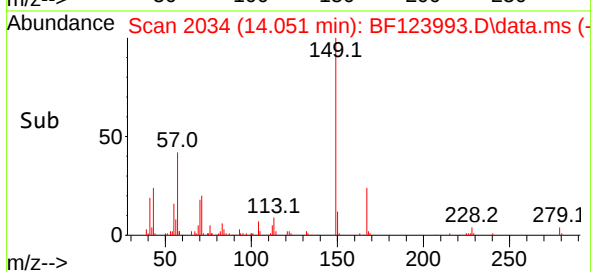
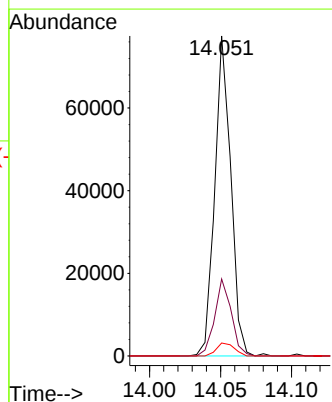
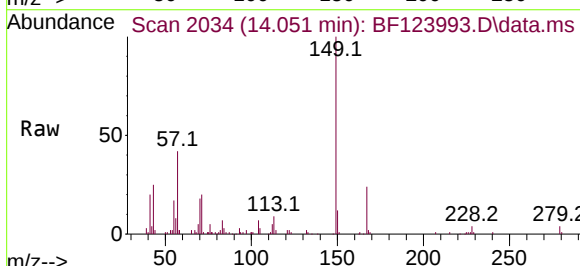
Instrument :
BNA_F
ClientSampleId :
RO-72-11939

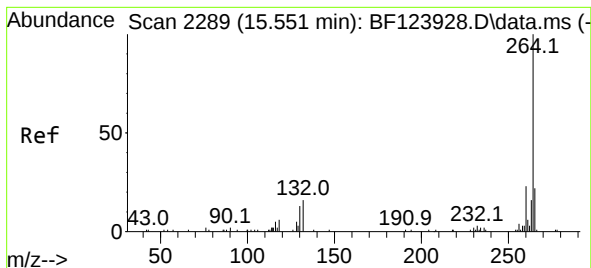
Tgt Ion:228	Resp:	16280
Ion Ratio	Lower	Upper
228	100	
226	26.7	24.3 36.5
229	16.6	16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 11.81 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Tgt Ion:149	Resp:	60763
Ion Ratio	Lower	Upper
149	100	
167	24.1	21.8 32.6
279	4.0	3.3 4.9

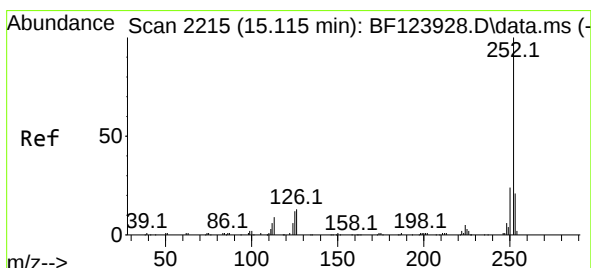
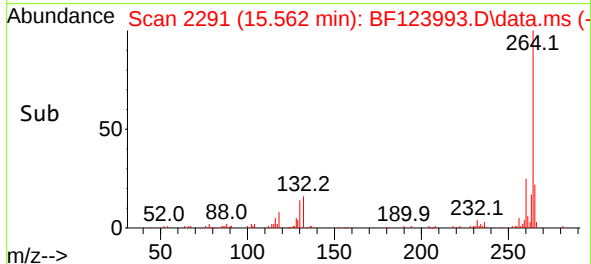
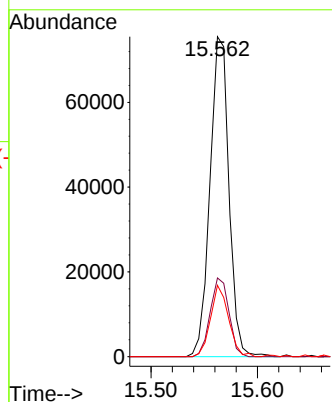
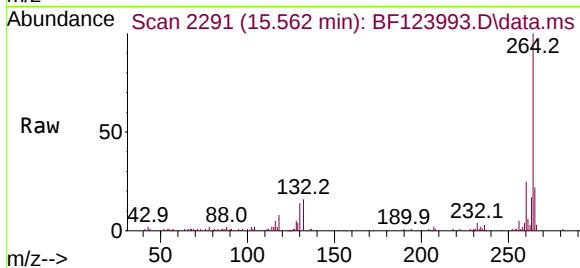




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF123993.D
 Acq: 19 May 2021 16:41

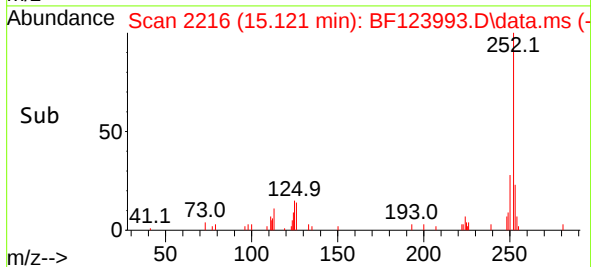
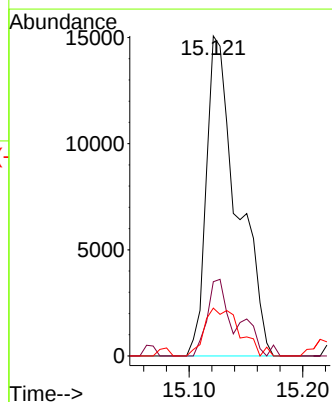
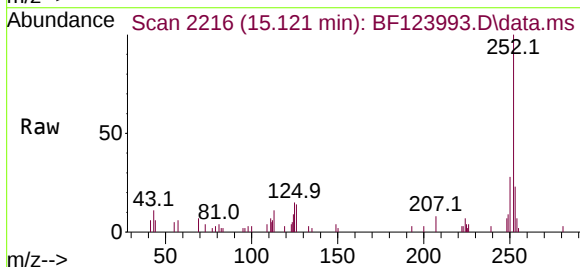
Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11939

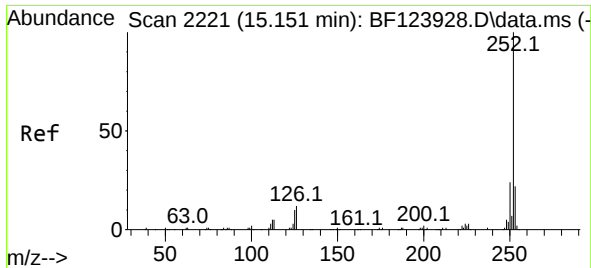
Tgt Ion:264 Resp: 93669
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 22.3 17.8 26.8



#88
 Benzo(b)fluoranthene
 Concen: 3.94 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.006 min
 Lab File: BF123993.D
 Acq: 19 May 2021 16:41

Tgt Ion:252 Resp: 28520
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.1 27.1
 125 14.9 6.2 9.4#





#89
Benzo(k)fluoranthene
Concen: 4.32 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.029 min
Lab File: BF123993.D
Acq: 19 May 2021 16:41

Instrument :
BNA_F
ClientSampleId :
RO-72-11939

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	14.9	7.0	10.6

