

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021521\
 Data File : BF123209.D
 Acq On : 15 Feb 2021 17:28
 Operator : JU/CG
 Sample : M1402-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-N9994

Quant Time: Feb 15 23:44:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 16:59:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

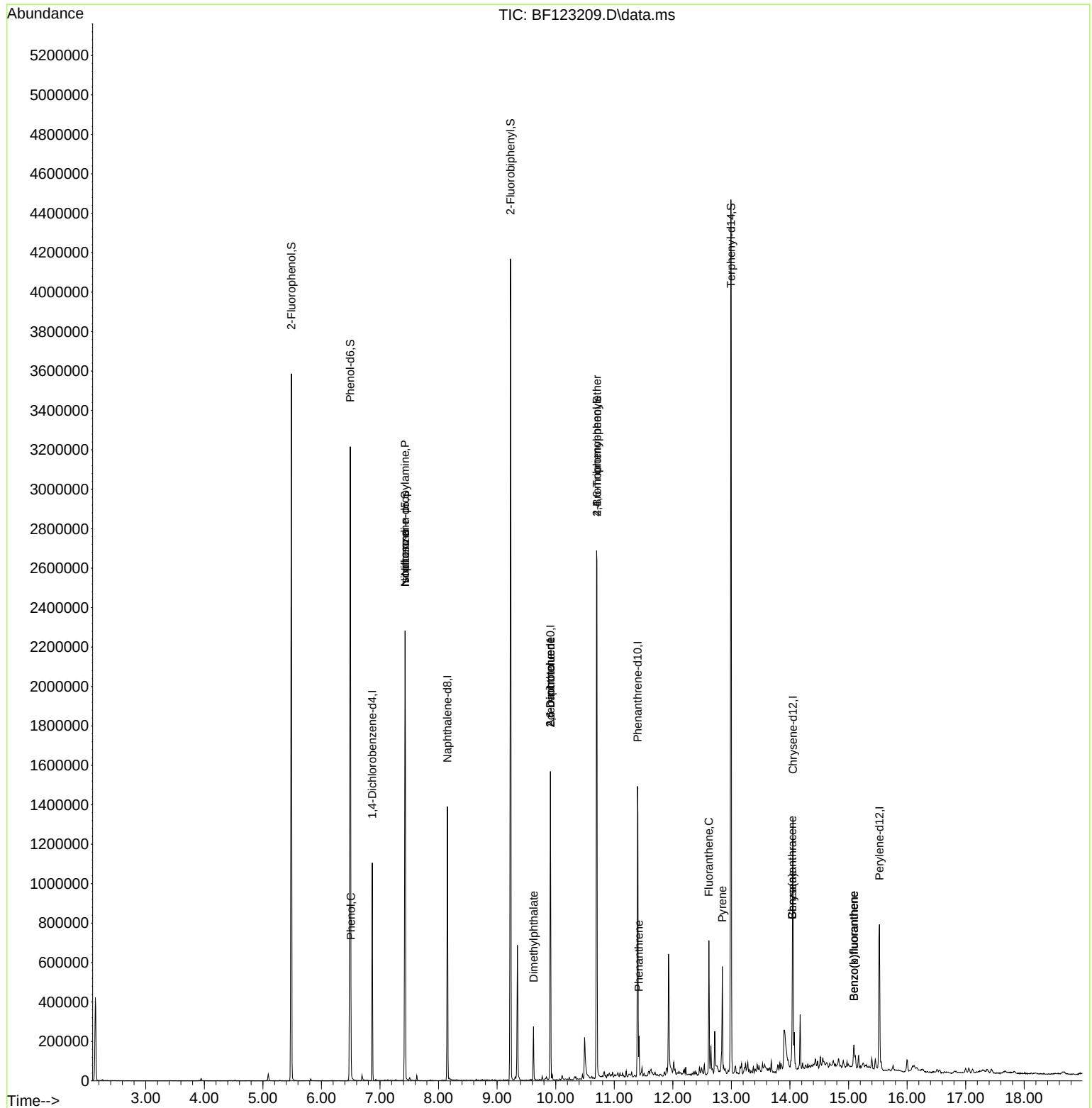
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	146048	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	576116	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	284735	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	538176	20.00	ng	0.00
76) Chrysene-d12	14.051	240	398385	20.00	ng	0.00
86) Perylene-d12	15.527	264	312259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	991757	102.93	ng	0.00
7) Phenol-d6	6.492	99	1222564	96.08	ng	0.00
23) Nitrobenzene-d5	7.428	82	776471	70.82	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	340522	110.74	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1352949	71.01	ng	0.00
79) Terphenyl-d14	12.992	244	1371051	68.97	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	75356	5.39	ng	90
19) n-Nitroso-di-n-propyla...	7.428	70	106333	14.58	ng	# 77
25) Isophorone	7.428	82	776463	38.14	ng	# 65
50) Dimethylphthalate	9.622	163	94890	4.60	ng	100
51) 2,6-Dinitrotoluene	9.910	165	37131	7.48	ng	# 32
57) 2,4-Dinitrotoluene	9.910	165	37131	5.54	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	22873	4.00	ng	# 1
71) Phenanthrene	11.422	178	67652	2.13	ng	97
75) Fluoranthene	12.616	202	227599	7.14	ng	99
78) Pyrene	12.845	202	190913	6.48	ng	97
81) Benzo(a)anthracene	14.039	228	58398	2.18	ng	98
83) Chrysene	14.039	228	58398	2.21	ng	99
88) Benzo(b)fluoranthene	15.092	252	75386	3.44	ng	# 96
89) Benzo(k)fluoranthene	15.092	252	75386	3.74	ng	# 97

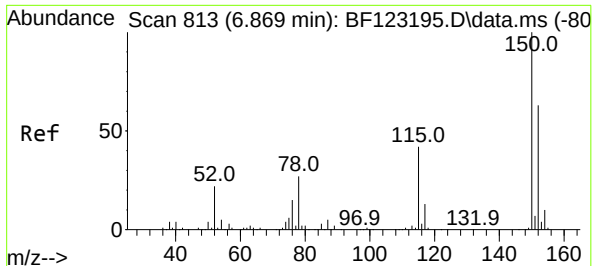
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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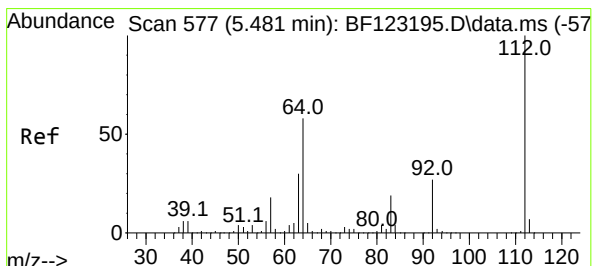
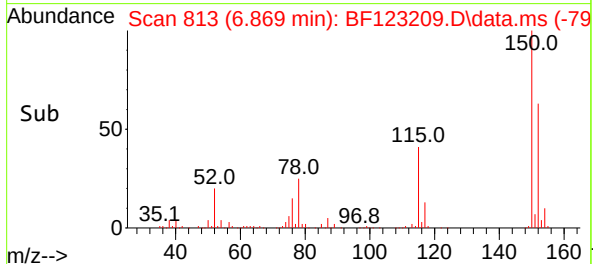
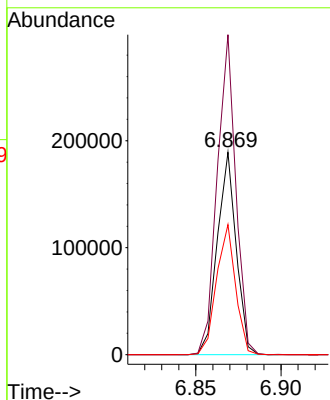
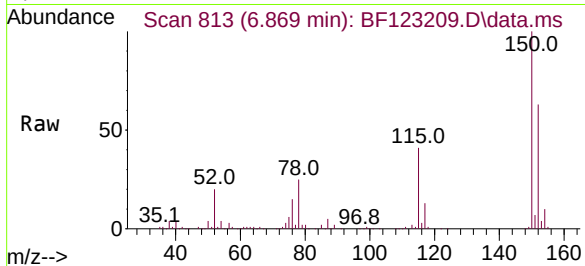




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

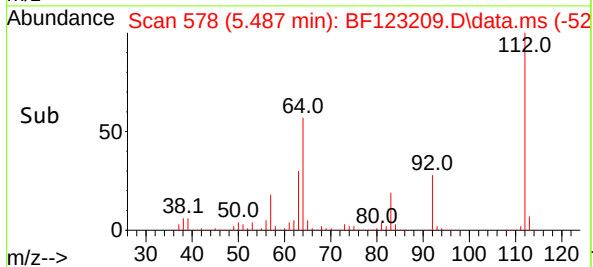
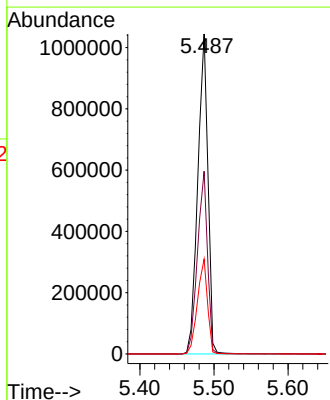
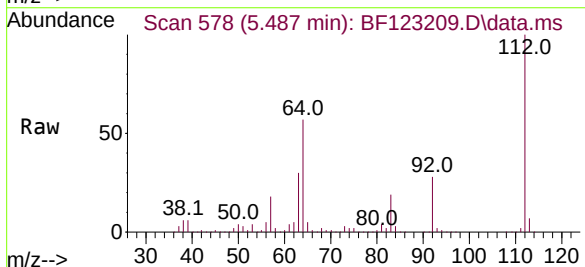
Instrument :
BNA_F
ClientSampleId :
RO-N9994

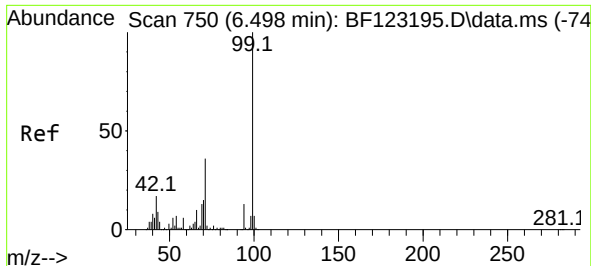
Tgt Ion:152 Resp: 146048
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 64.3 49.3 73.9



#5
2-Fluorophenol
Concen: 102.93 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:112 Resp: 991757
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 29.7 24.5 36.7



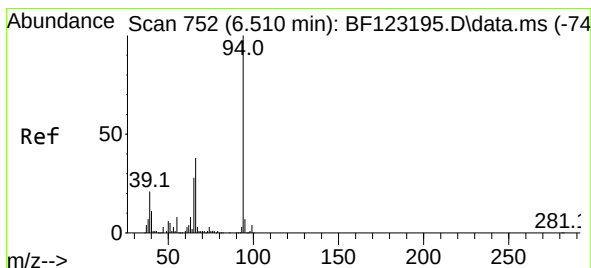
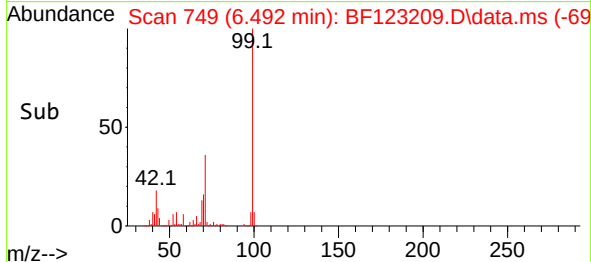
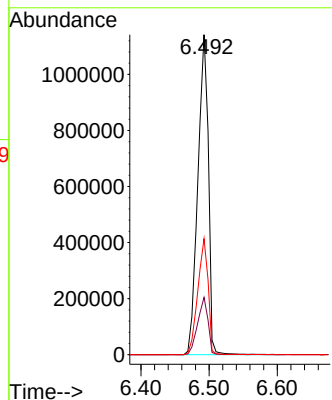
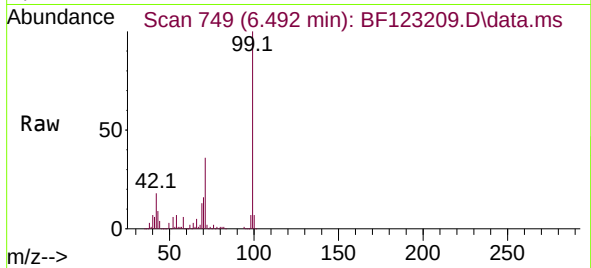


#7
Phenol-d6
Concen: 96.08 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Instrument :
BNA_F
ClientSampleId :
RO-N9994

Tgt Ion: 99 Resp: 1222564

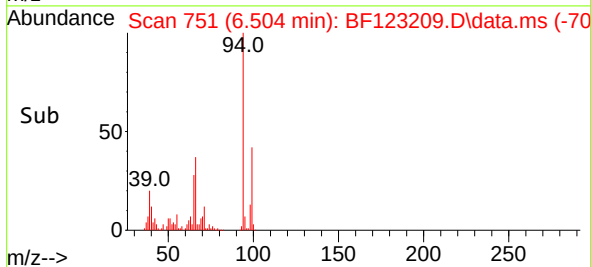
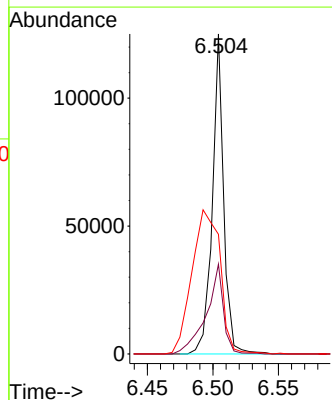
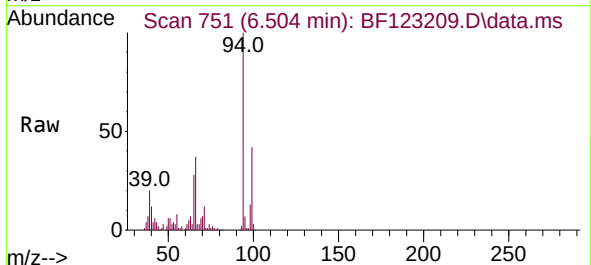
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	36.2	26.9	40.3

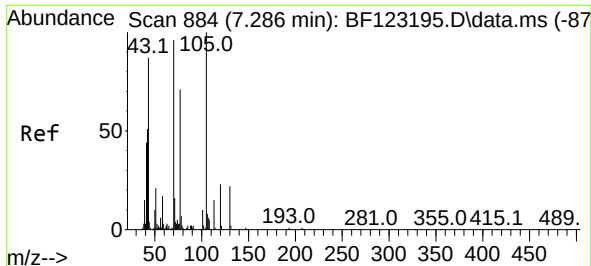


#10
Phenol
Concen: 5.39 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion: 94 Resp: 75356

Ion	Ratio	Lower	Upper
94	100		
65	28.1	11.2	51.2
66	37.4	25.8	65.8



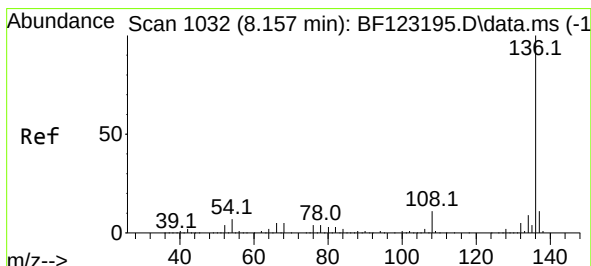
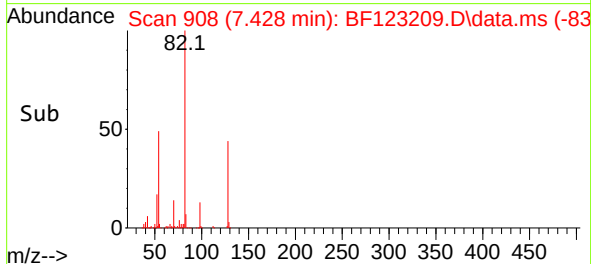
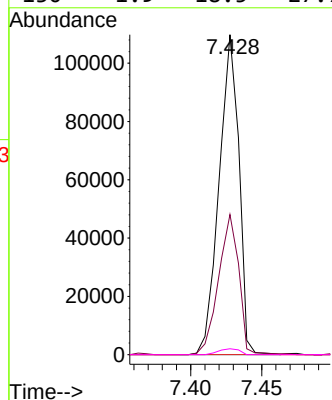
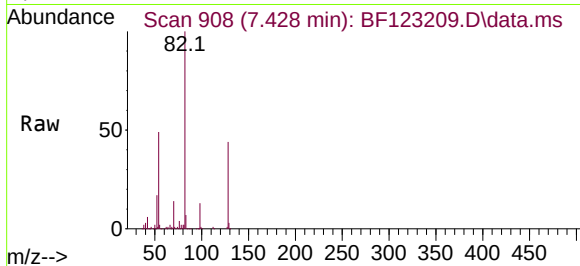


#19
n-Nitroso-di-n-propylamine
Concen: 14.58 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Instrument :
BNA_F
ClientSampleId :
RO-N9994

Tgt Ion: 70 Resp: 106333

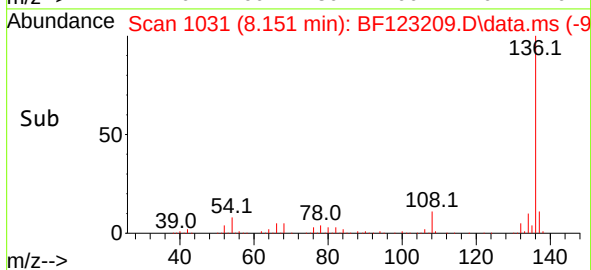
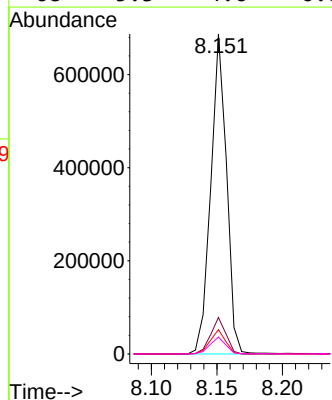
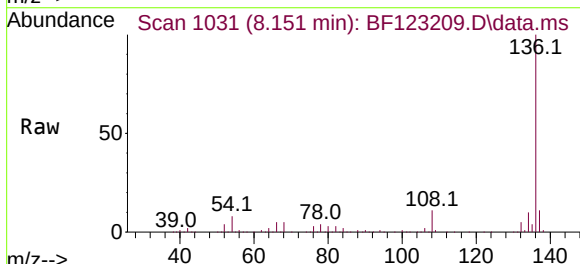
Ion	Ratio	Lower	Upper
70	100		
42	43.8	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#

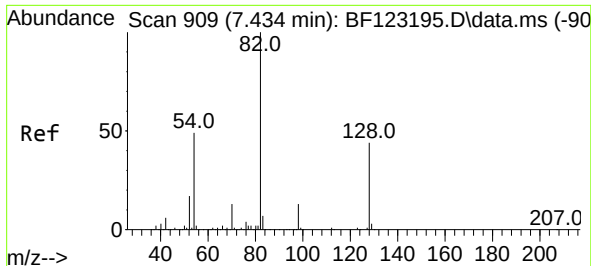


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion: 136 Resp: 576116

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.6	5.5	8.3
68	5.3	4.6	6.8

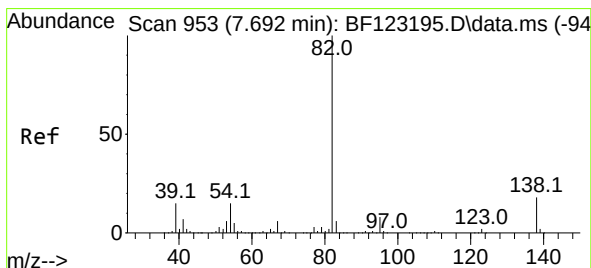
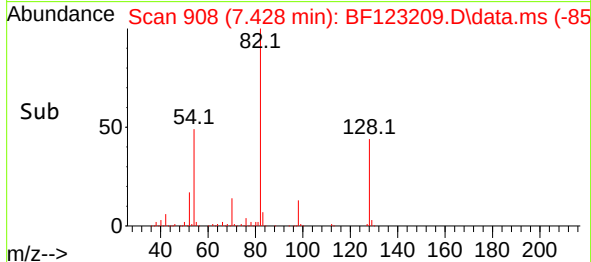
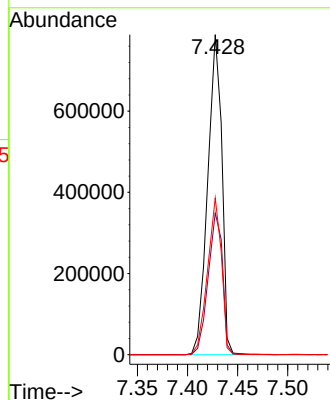
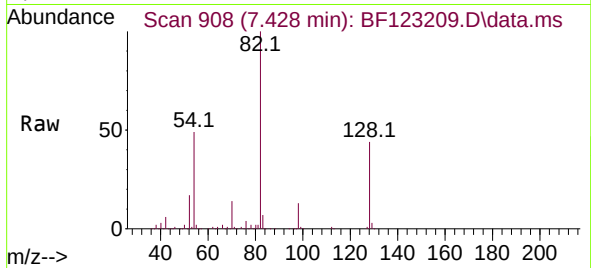




#23
Nitrobenzene-d5
Concen: 70.82 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

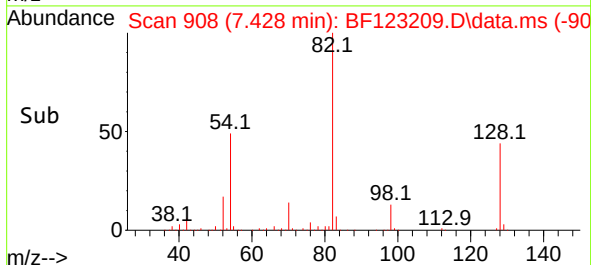
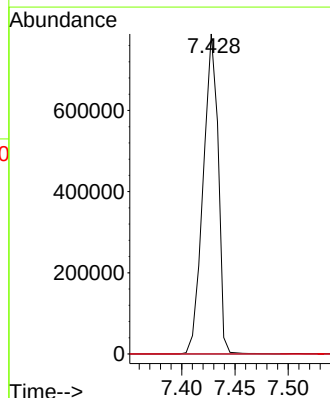
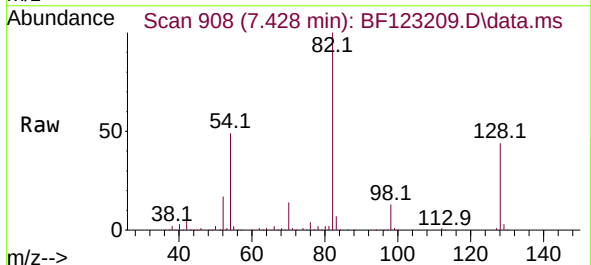
Instrument :
BNA_F
ClientSampleId :
RO-N9994

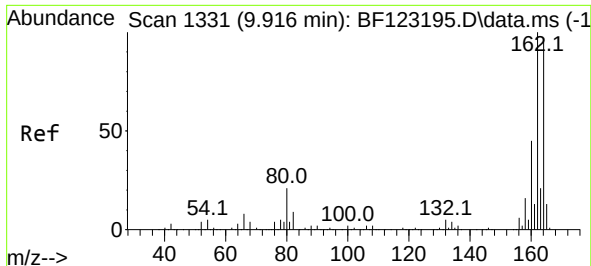
Tgt Ion: 82 Resp: 776471
Ion Ratio Lower Upper
82 100
128 44.3 37.0 55.4
54 48.9 38.4 57.6



#25
Isophorone
Concen: 38.14 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion: 82 Resp: 776463
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

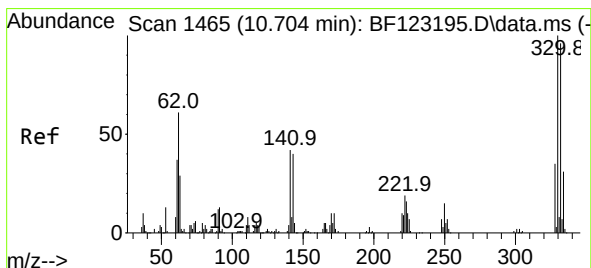
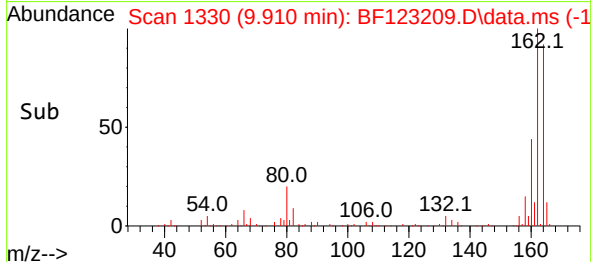
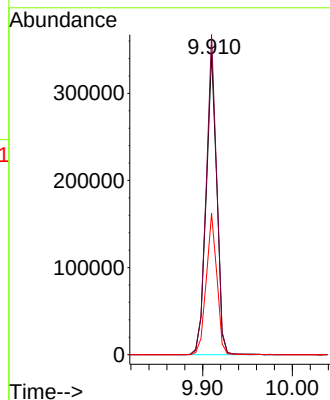
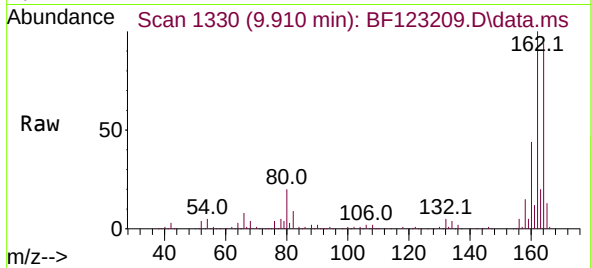




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

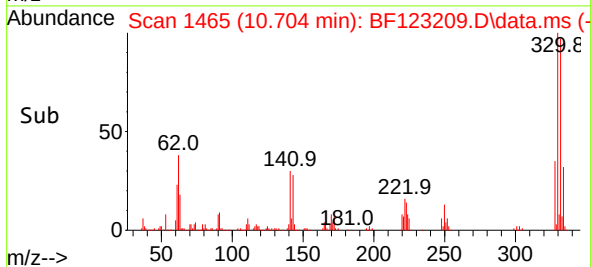
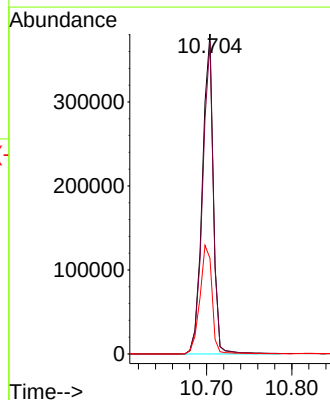
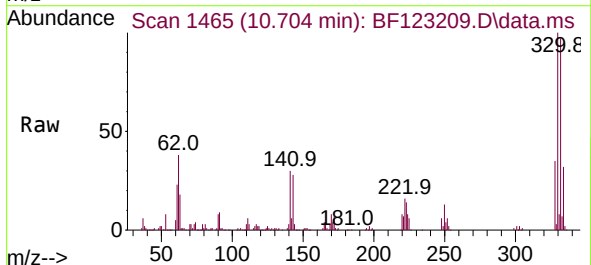
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ClientSampleId :
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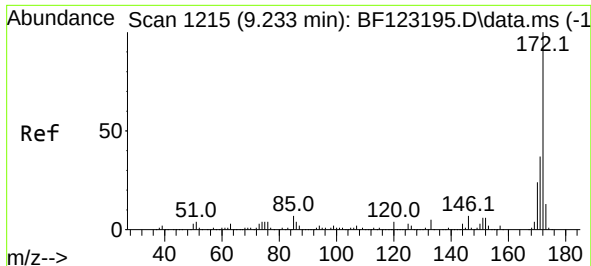
Tgt Ion:164 Resp: 284735
Ion Ratio Lower Upper
164 100
162 106.0 80.8 121.2
160 46.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 110.74 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:330 Resp: 340522
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 37.8 23.8 35.8#

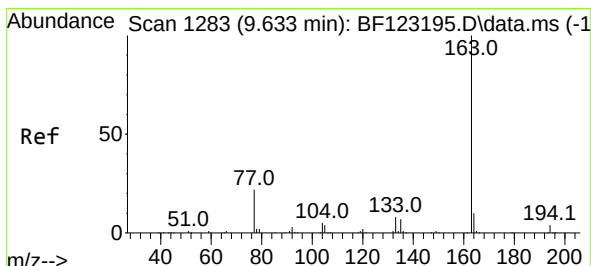
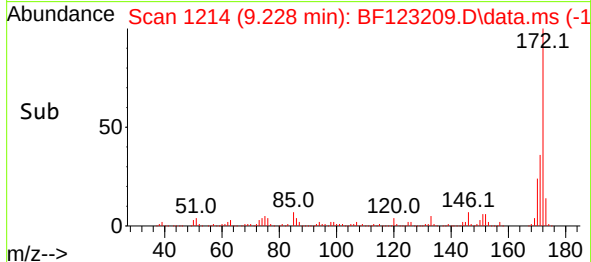
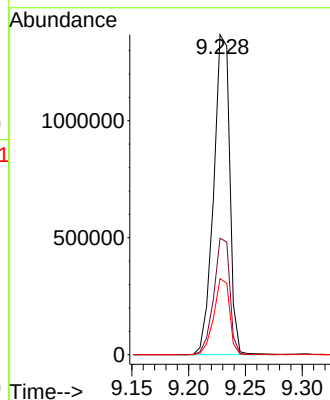
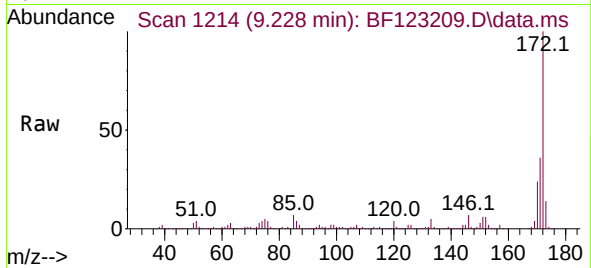




#45
2-Fluorobiphenyl
Concen: 71.01 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

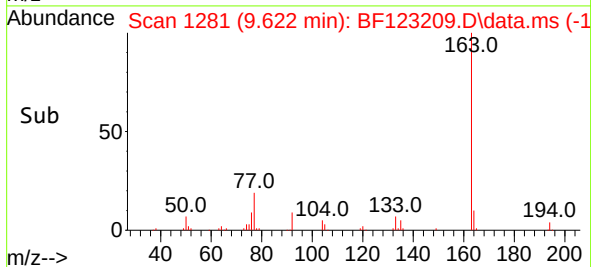
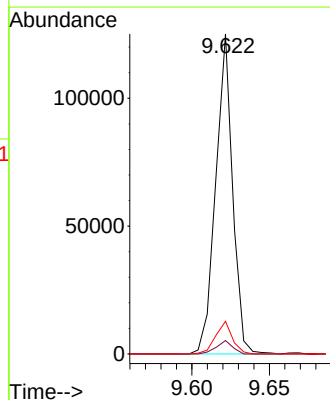
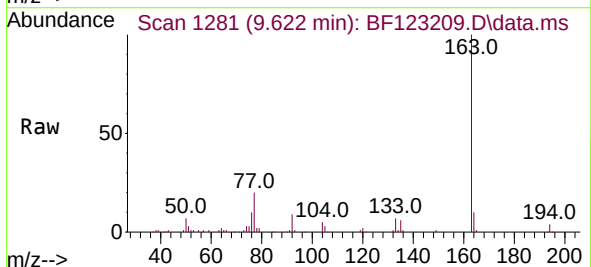
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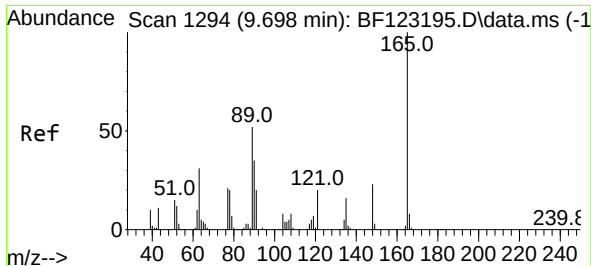
Tgt Ion:172 Resp: 1352949
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 4.60 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:163 Resp: 94890
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.1 12.1

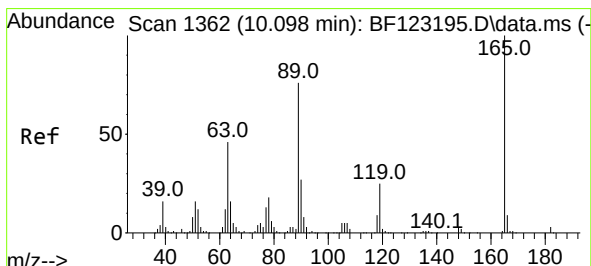
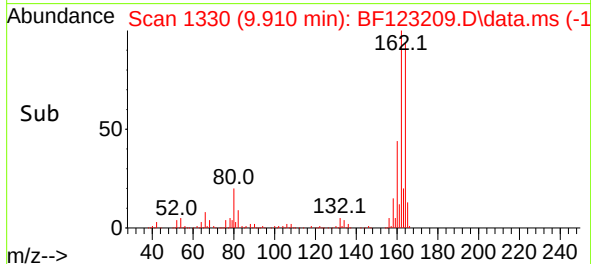
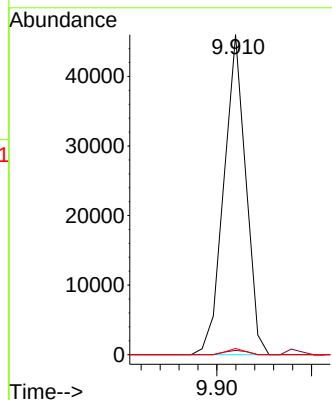
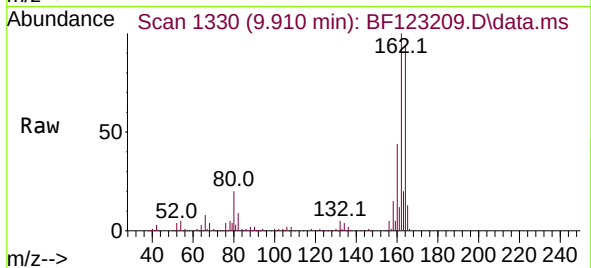




#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

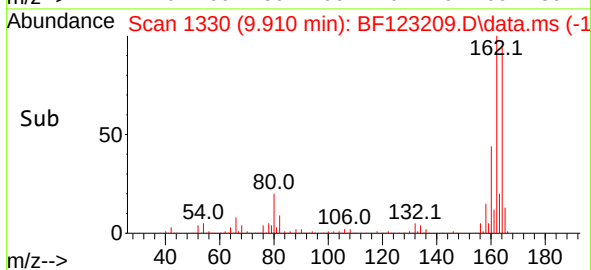
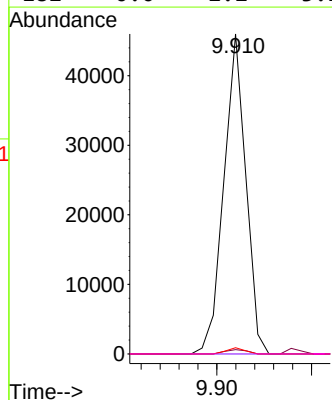
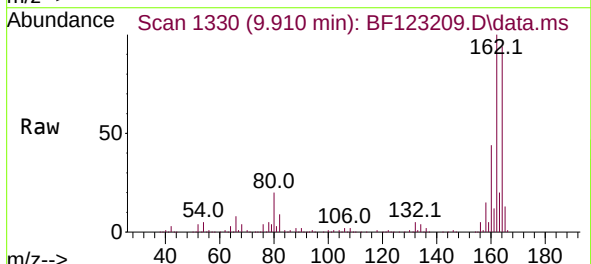
Instrument :
BNA_F
ClientSampleId :
RO-N9994

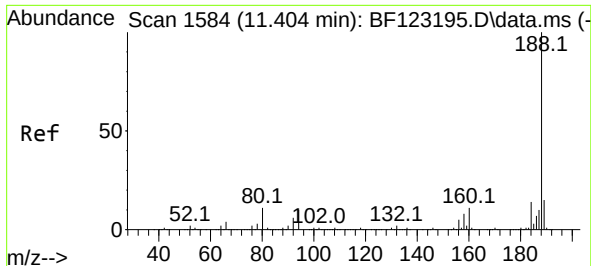
Tgt Ion:165 Resp: 37131
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:165 Resp: 37131
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.9 55.2 82.8#
182 0.0 2.2 3.2#

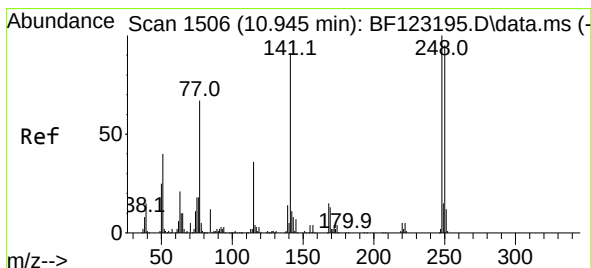
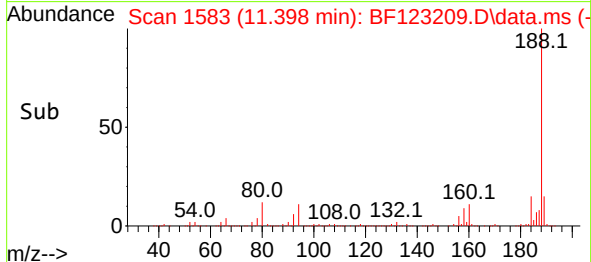
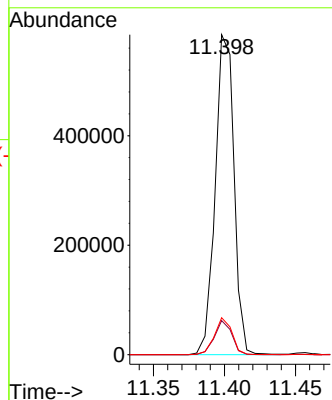
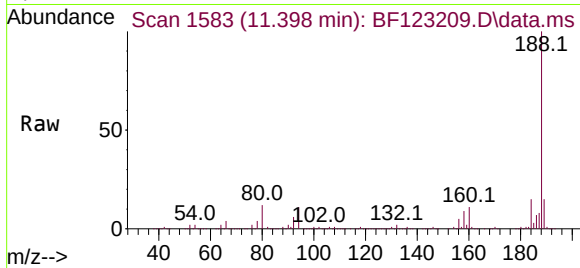




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

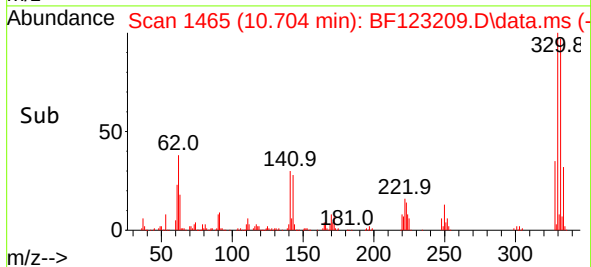
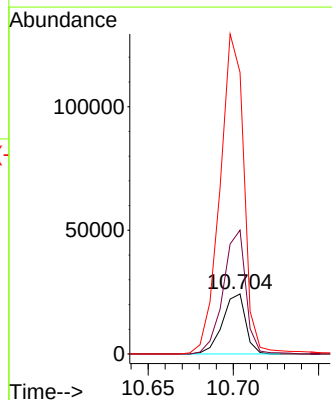
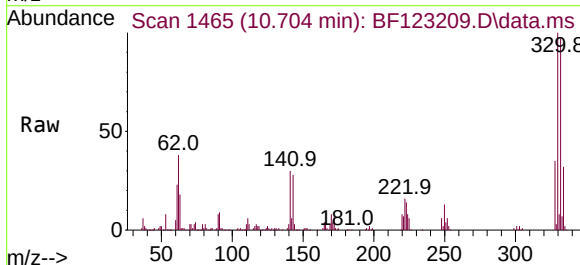
Instrument :
BNA_F
ClientSampleId :
RO-N9994

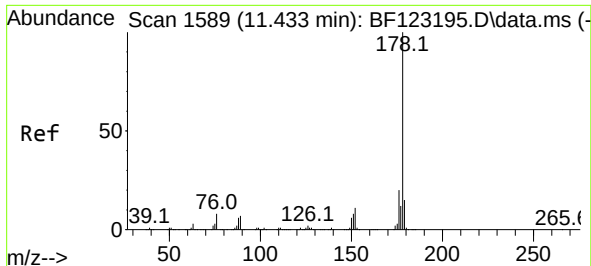
Tgt Ion:188 Resp: 538176
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 11.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:248 Resp: 22873
Ion Ratio Lower Upper
248 100
250 206.5 76.8 115.2#
141 469.6 59.8 89.8#

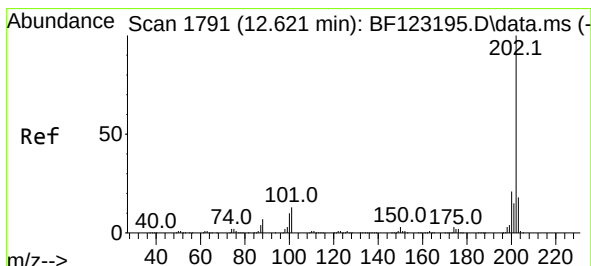
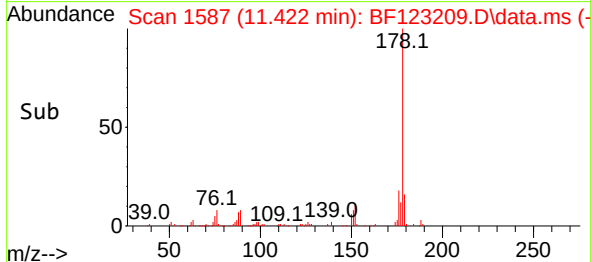
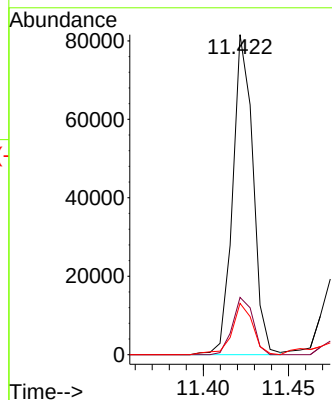
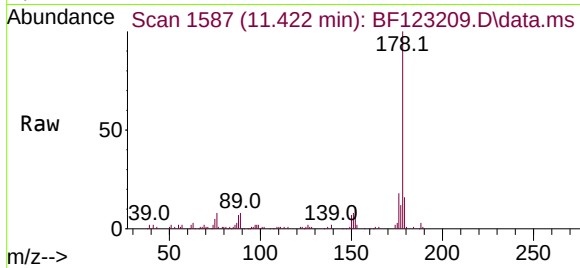




#71
Phenanthrene
Concen: 2.13 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

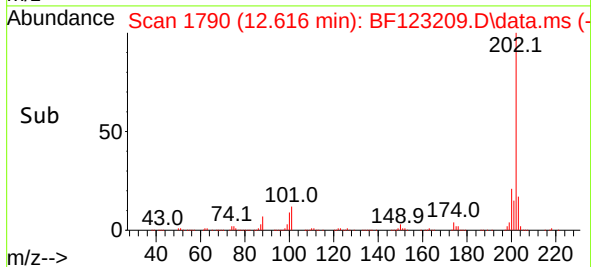
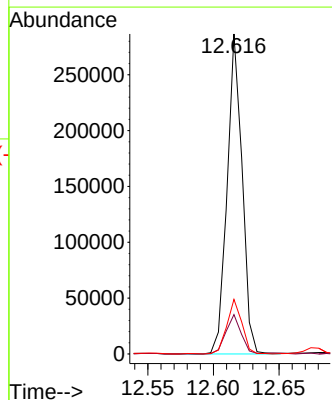
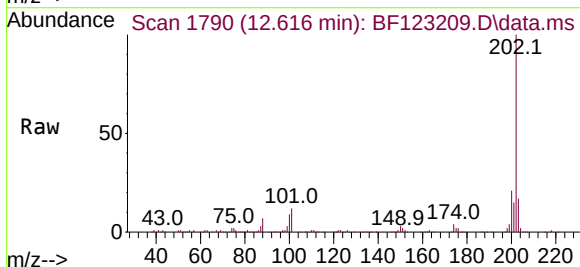
Instrument :
BNA_F
ClientSampleId :
RO-N9994

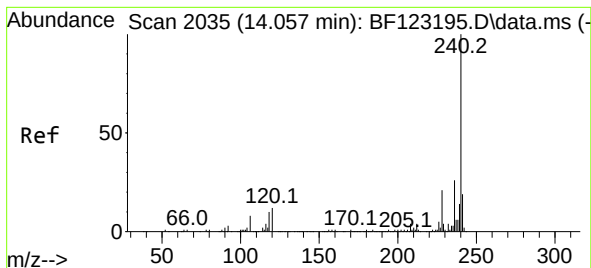
Tgt Ion:178 Resp: 67652
Ion Ratio Lower Upper
178 100
176 17.9 16.2 24.2
179 16.0 12.7 19.1



#75
Fluoranthene
Concen: 7.14 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:202 Resp: 227599
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.2
203 17.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF123209.D

Acq: 15 Feb 2021 17:28

Tgt Ion:240 Resp: 398385

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

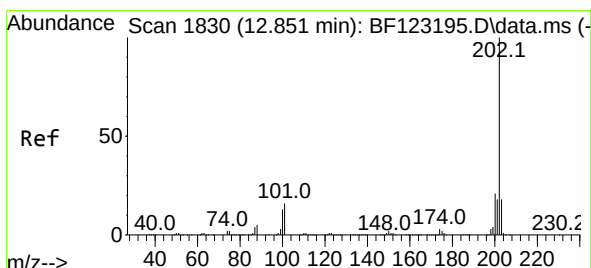
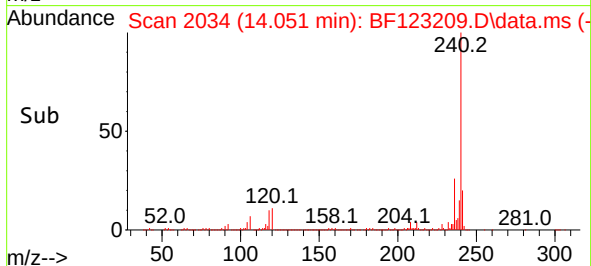
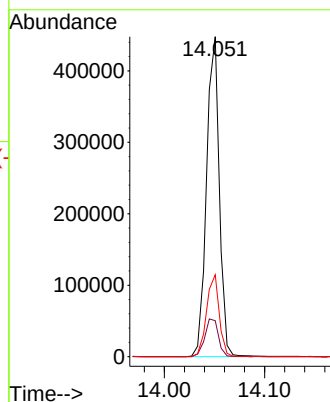
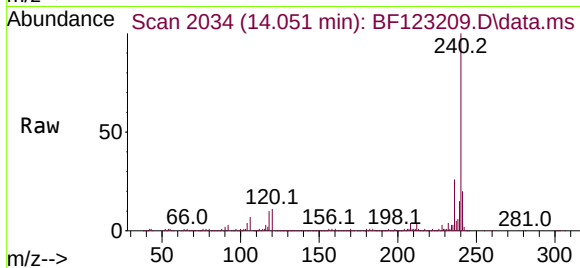
236 25.6 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

RO-N9994



#78

Pyrene

Concen: 6.48 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF123209.D

Acq: 15 Feb 2021 17:28

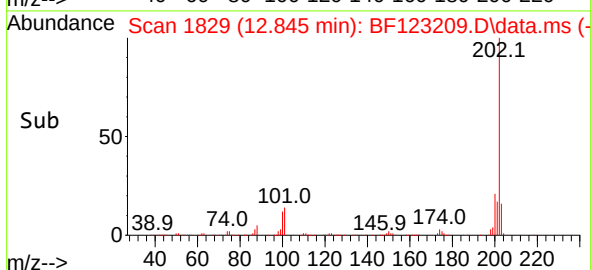
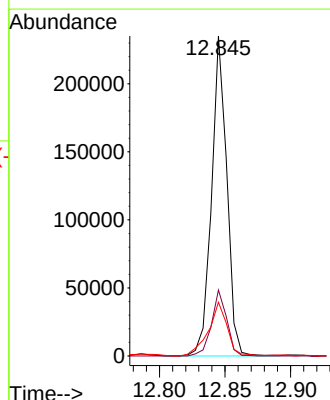
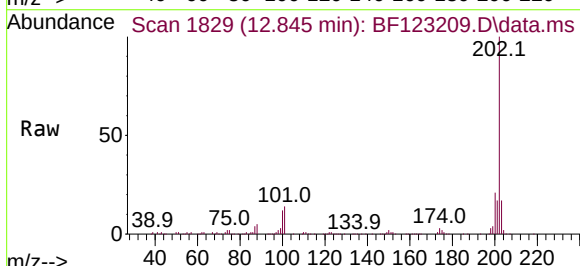
Tgt Ion:202 Resp: 190913

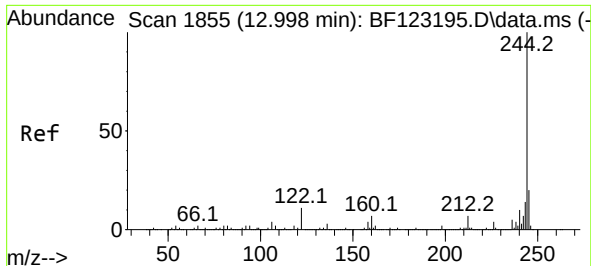
Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

203 16.8 14.6 21.8

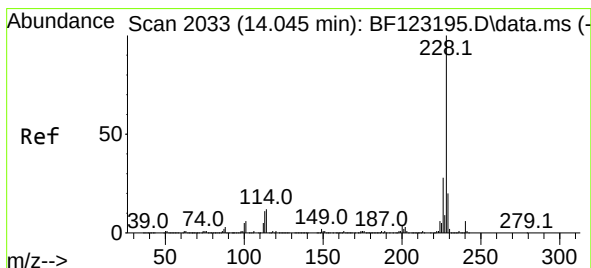
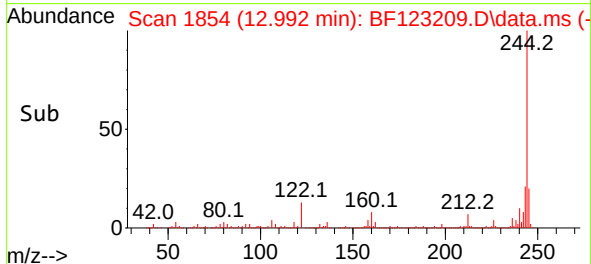
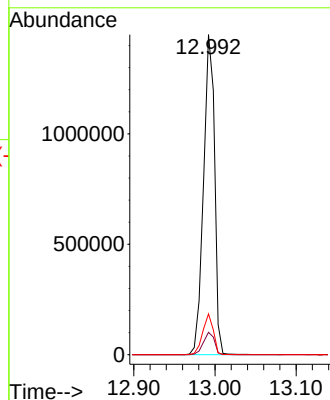
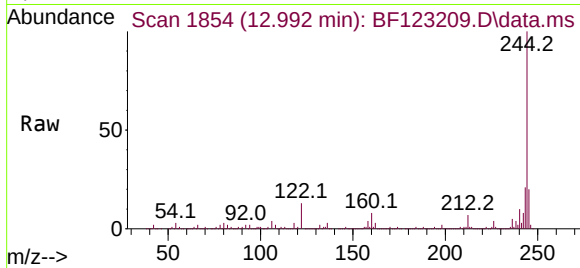




#79
 Terphenyl-d14
 Concen: 68.97 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF123209.D
 Acq: 15 Feb 2021 17:28

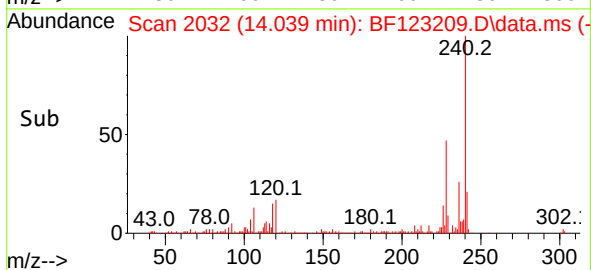
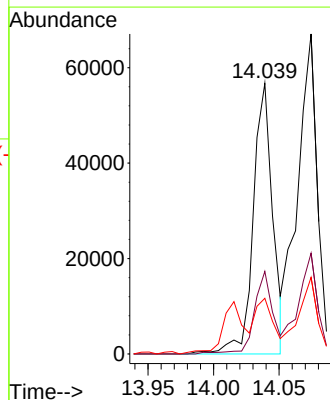
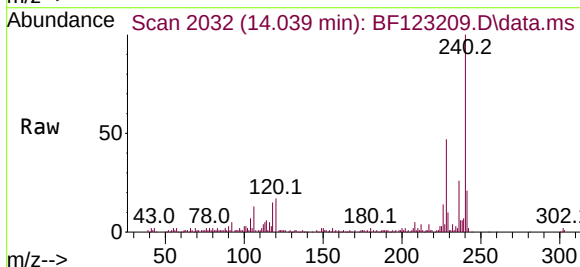
Instrument :
 BNA_F
 ClientSampleId :
 RO-N9994

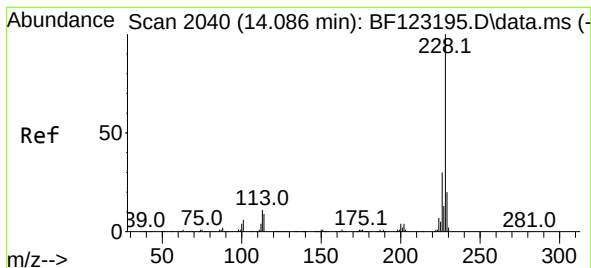
Tgt Ion:244 Resp: 1371051
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 12.8 8.3 12.5#



#81
 Benzo(a)anthracene
 Concen: 2.18 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: BF123209.D
 Acq: 15 Feb 2021 17:28

Tgt Ion:228 Resp: 58398
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.0 34.4
 229 20.6 16.6 24.8





#83

Chrysene

Concen: 2.21 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.047 min

Lab File: BF123209.D

Acq: 15 Feb 2021 17:28

Tgt Ion:228 Resp: 58398

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

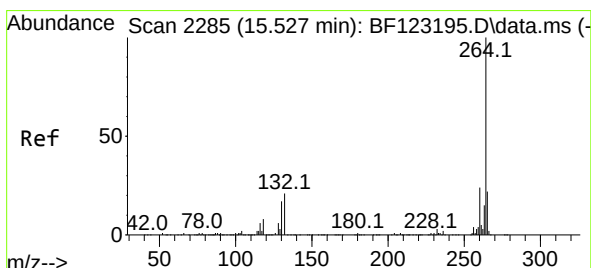
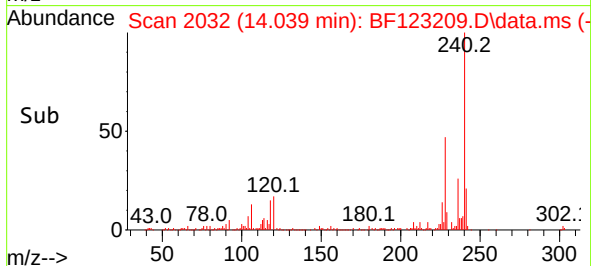
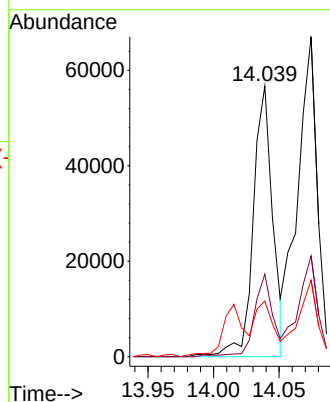
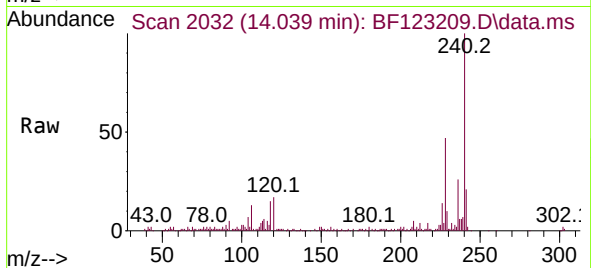
229 20.6 15.8 23.6

Instrument :

BNA_F

ClientSampleId :

RO-N9994



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.000 min

Lab File: BF123209.D

Acq: 15 Feb 2021 17:28

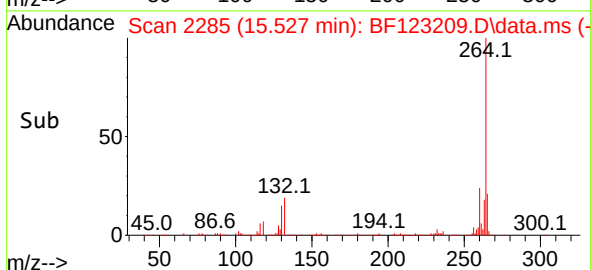
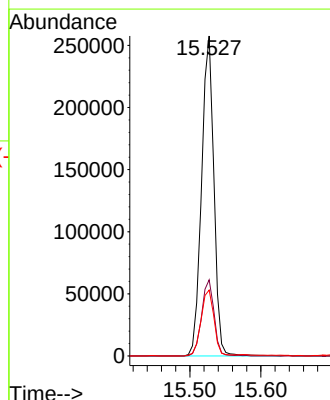
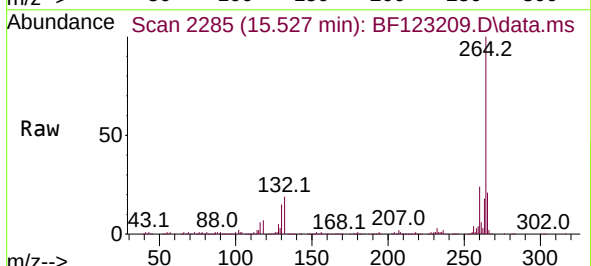
Tgt Ion:264 Resp: 312259

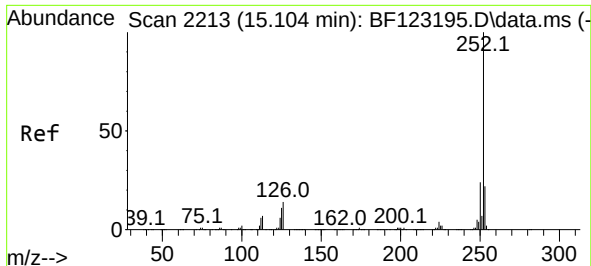
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 20.6 17.0 25.6

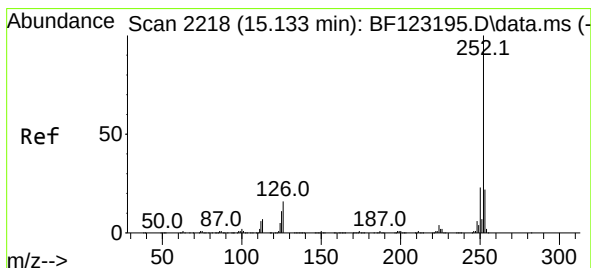
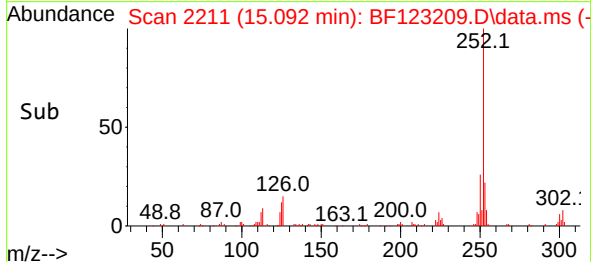
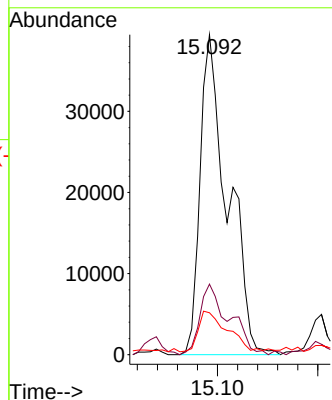
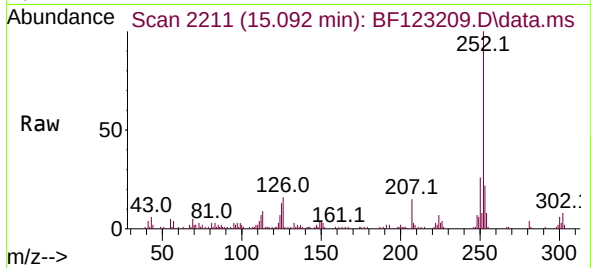




#88
Benzo(b)fluoranthene
Concen: 3.44 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Instrument :
BNA_F
ClientSampleId :
RO-N9994

Tgt Ion:252 Resp: 75386
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 13.1 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 3.74 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.041 min
Lab File: BF123209.D
Acq: 15 Feb 2021 17:28

Tgt Ion:252 Resp: 75386
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 13.1 8.4 12.6#

