

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123260.D
 Acq On : 22 Feb 2021 15:57
 Operator : JU/CG
 Sample : M1452-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Feb 22 16:31:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

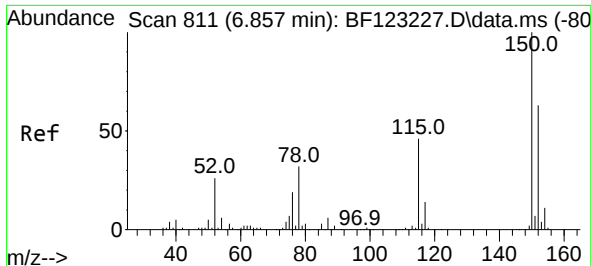
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	117914	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	482890	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	251240	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	484550	20.00	ng	0.00
76) Chrysene-d12	14.039	240	409655	20.00	ng	0.00
86) Perylene-d12	15.509	264	364276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	941086	114.88	ng	0.00
7) Phenol-d6	6.492	99	1226047	110.17	ng	0.00
23) Nitrobenzene-d5	7.422	82	804151	76.23	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	308765	120.69	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1280419	73.21	ng	0.00
79) Terphenyl-d14	12.986	244	1407979	66.09	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	120	Below Cal	#	1
10) Phenol	6.504	94	138595	11.43	ng	94
19) n-Nitroso-di-n-propyla...	7.422	70	112414	16.98	ng	# 76
25) Isophorone	7.422	82	799193	40.51	ng	# 65
50) Dimethylphthalate	9.610	163	53121	2.83	ng	99
51) 2,6-Dinitrotoluene	9.898	165	32348	7.47	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	32348	5.56	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	22598	4.28	ng	# 1
75) Fluoranthene	12.604	202	82536	2.72	ng	98
78) Pyrene	12.833	202	76534	2.39	ng	98
88) Benzo(b)fluoranthene	15.080	252	62917	2.46	ng	99
89) Benzo(k)fluoranthene	15.080	252	62917	2.71	ng	99

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

Quant Time: Feb 22 16:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

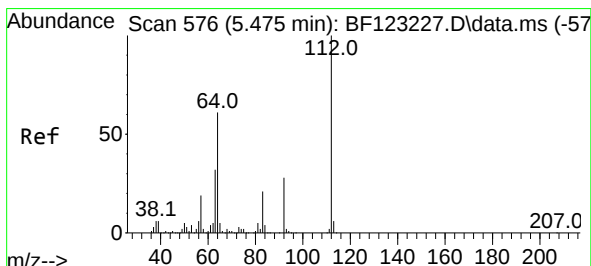
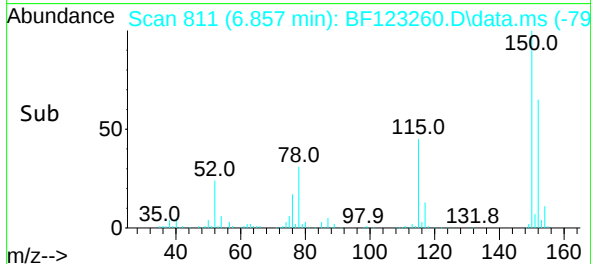
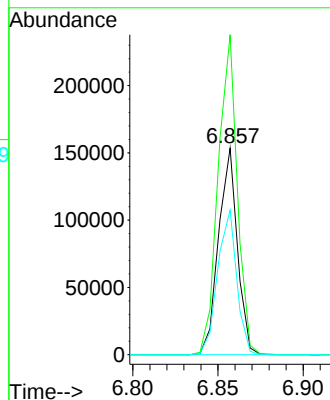
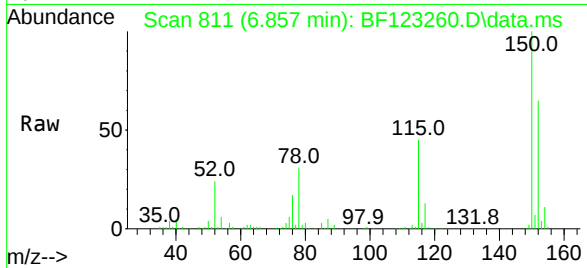




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

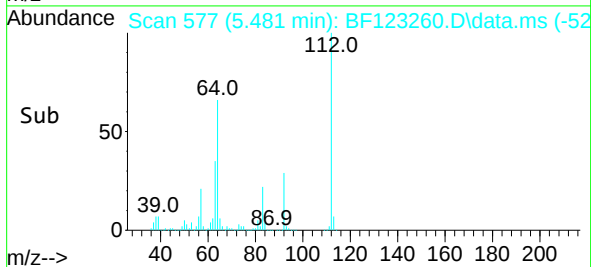
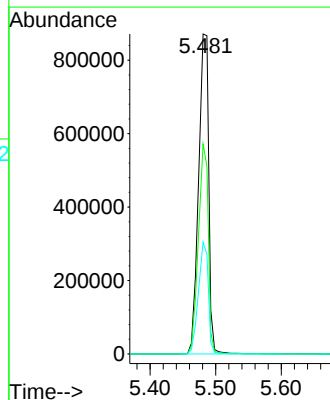
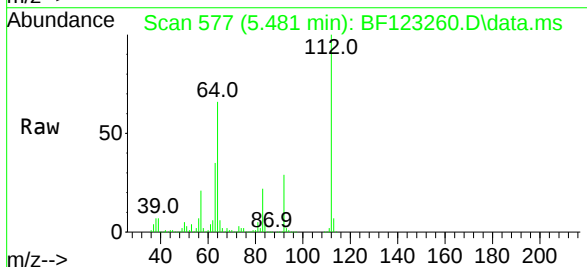
Instrument :
BNA_F
ClientSampleId :
TP-7

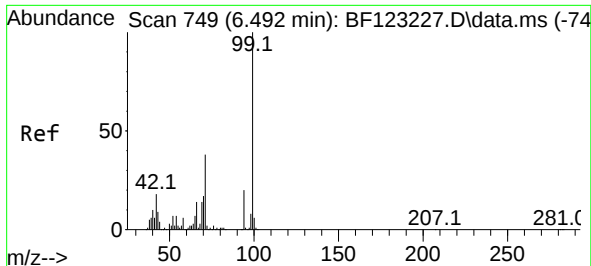
Tgt Ion:152 Resp: 117914
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 70.0 49.3 73.9



#5
2-Fluorophenol
Concen: 114.88 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion:112 Resp: 941086
Ion Ratio Lower Upper
112 100
64 65.6 46.9 70.3
63 34.9 24.5 36.7

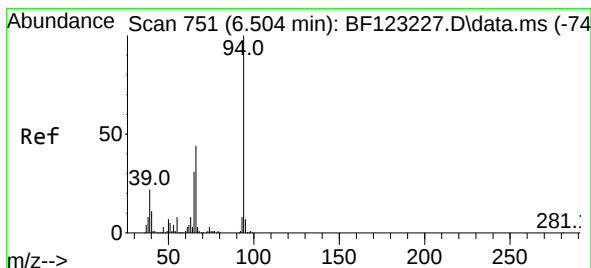
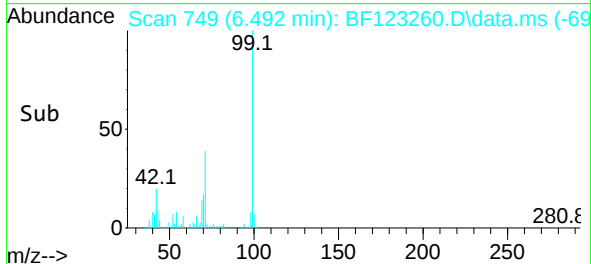
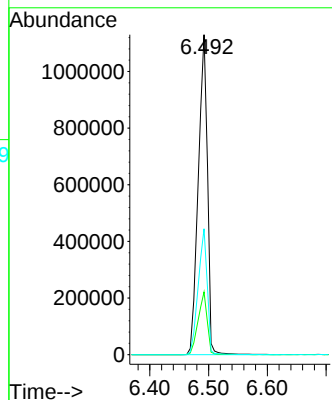
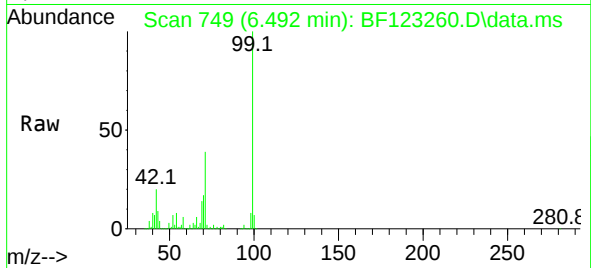




#7
Phenol-d6
Concen: 110.17 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

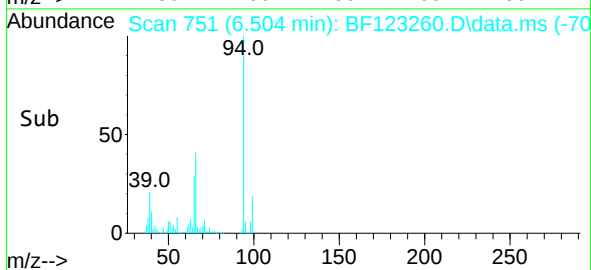
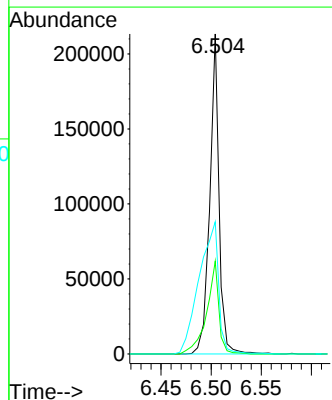
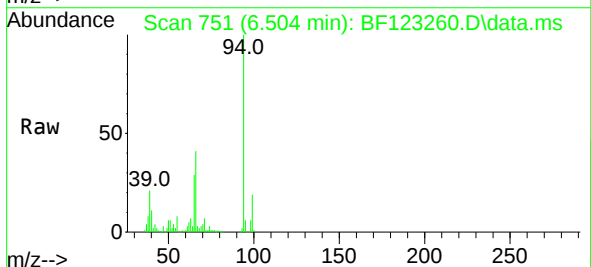
Instrument :
BNA_F
ClientSampleId :
TP-7

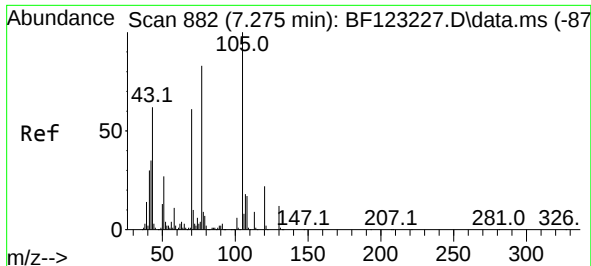
Tgt Ion: 99 Resp: 1226047
Ion Ratio Lower Upper
99 100
42 19.6 13.8 20.6
71 39.3 26.9 40.3



#10
Phenol
Concen: 11.43 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

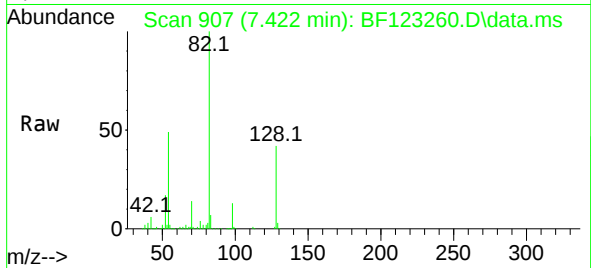
Tgt Ion: 94 Resp: 138595
Ion Ratio Lower Upper
94 100
65 29.0 11.2 51.2
66 41.3 25.8 65.8



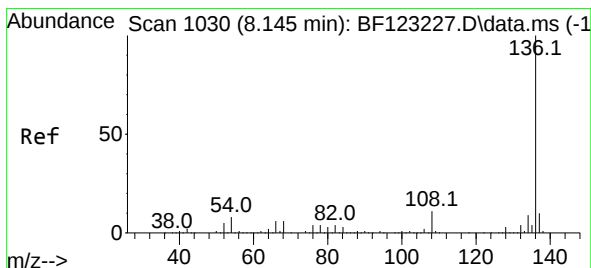
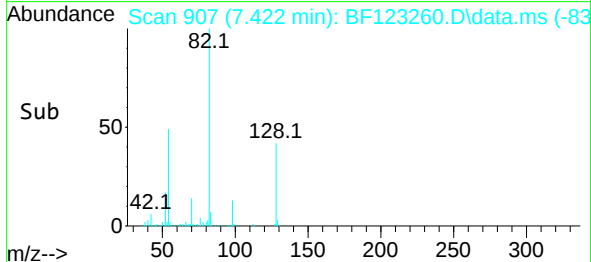
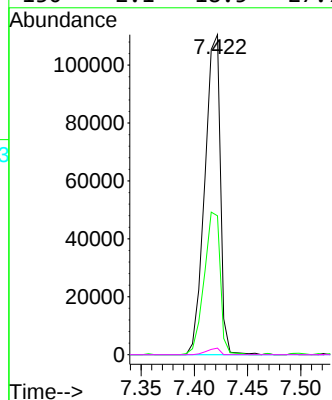


#19
n-Nitroso-di-n-propylamine
Concen: 16.98 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Instrument :
BNA_F
ClientSampled :
TP-7

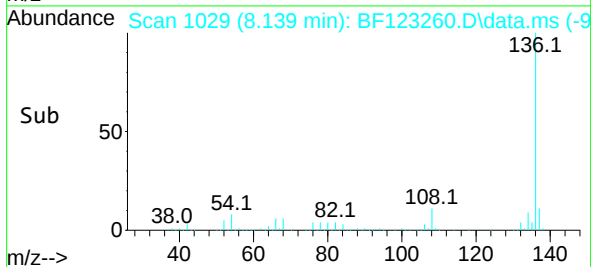
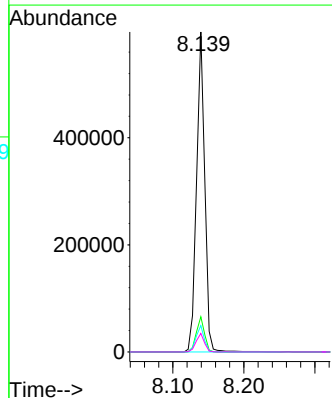
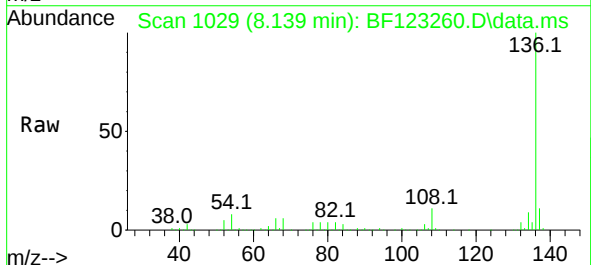


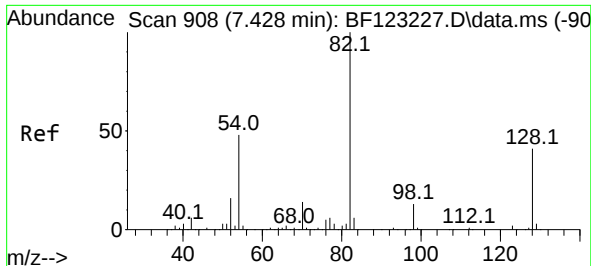
Tgt Ion: 70 Resp: 112414
Ion Ratio Lower Upper
70 100
42 43.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion: 136 Resp: 482890
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 5.5 8.3
68 5.8 4.6 6.8

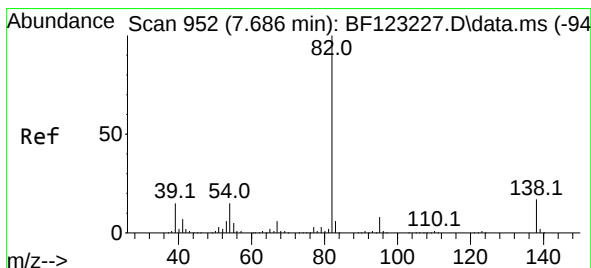
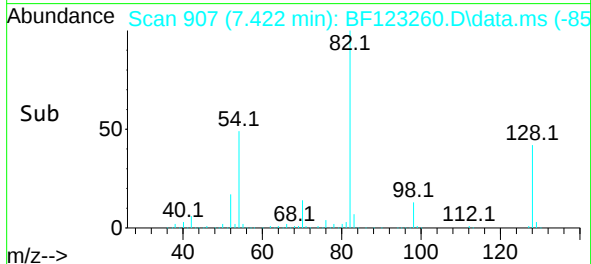
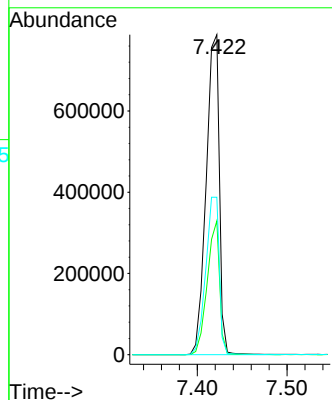
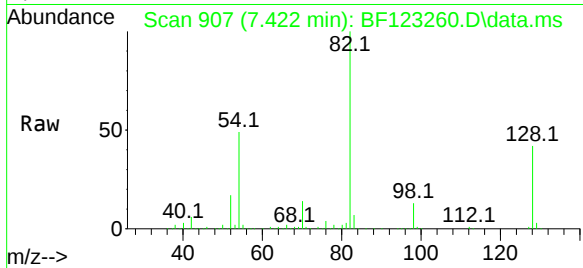




#23
Nitrobenzene-d5
Concen: 76.23 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

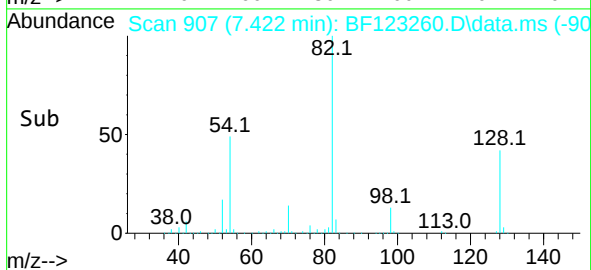
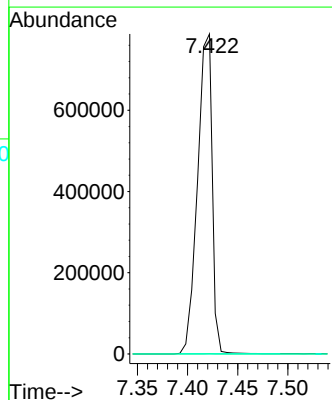
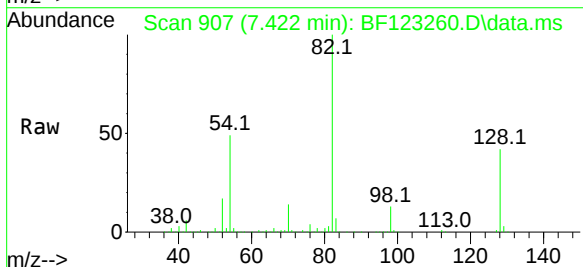
Instrument :
BNA_F
ClientSampleId :
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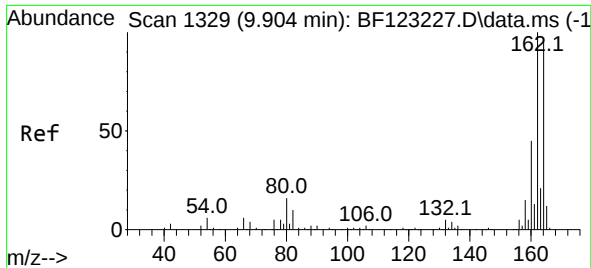
Tgt Ion: 82 Resp: 804151
Ion Ratio Lower Upper
82 100
128 41.8 37.0 55.4
54 49.2 38.4 57.6



#25
Isophorone
Concen: 40.51 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion: 82 Resp: 799193
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

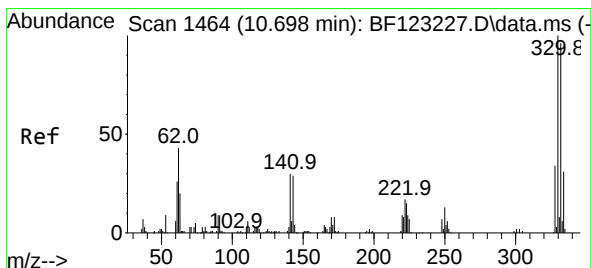
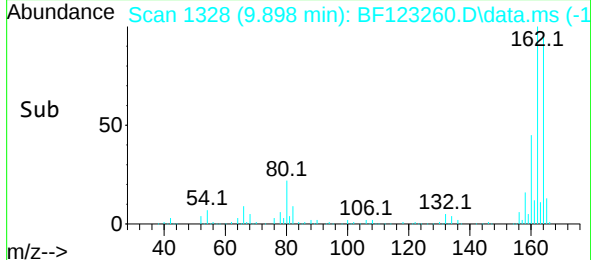
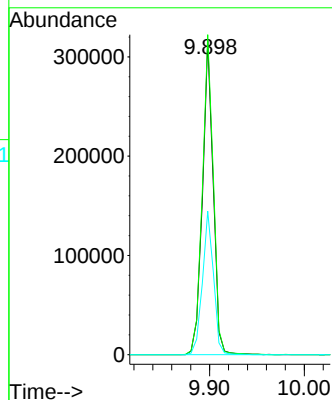
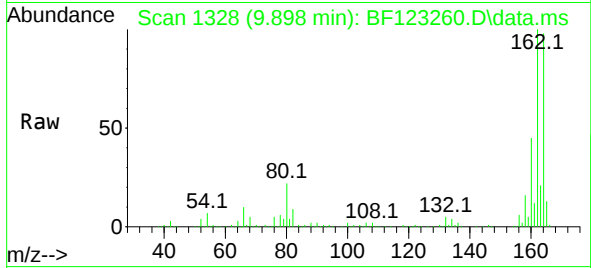




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

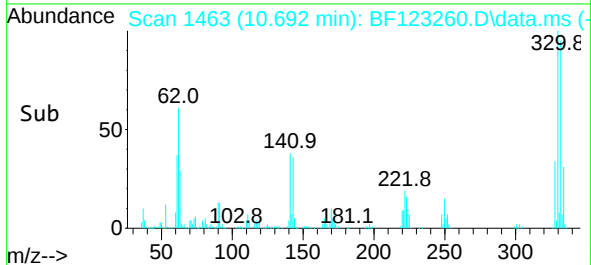
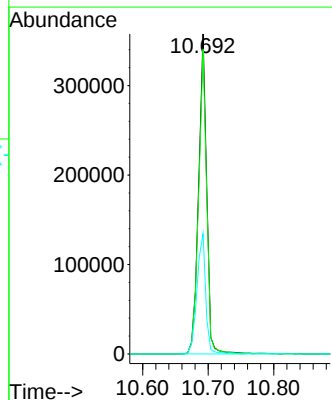
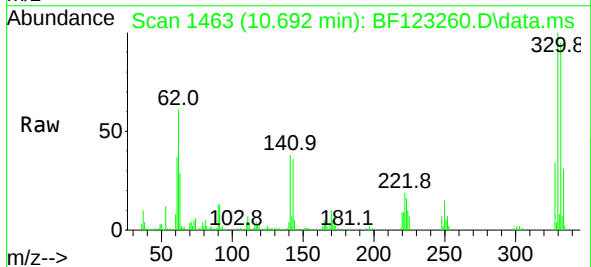
Instrument :
BNA_F
ClientSampleId :
TP-7

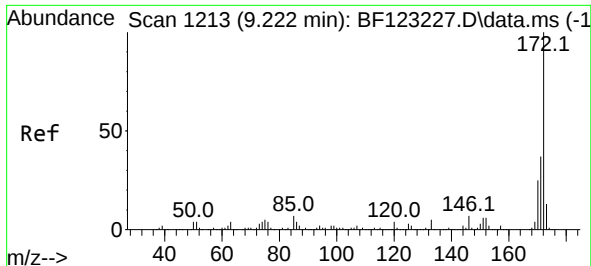
Tgt Ion:164 Resp: 251240
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 45.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 120.69 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion:330 Resp: 308765
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 40.3 23.8 35.8#

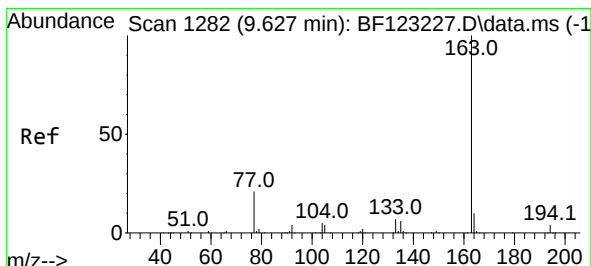
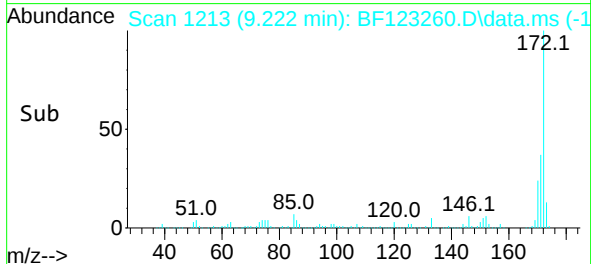
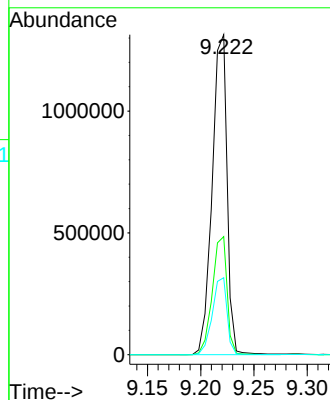
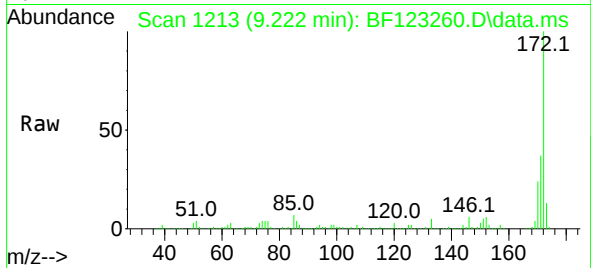




#45
2-Fluorobiphenyl
Concen: 73.21 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

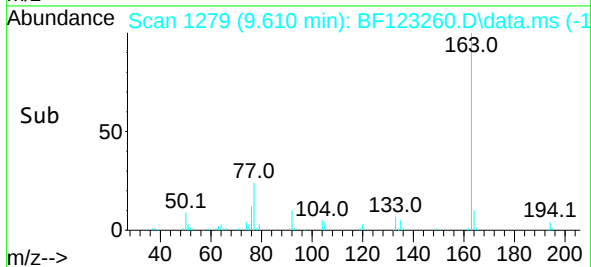
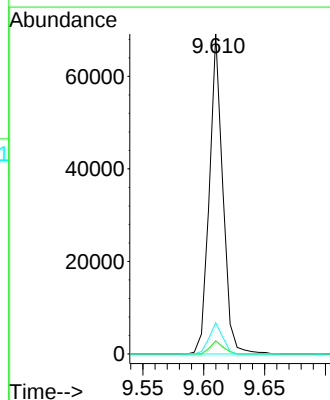
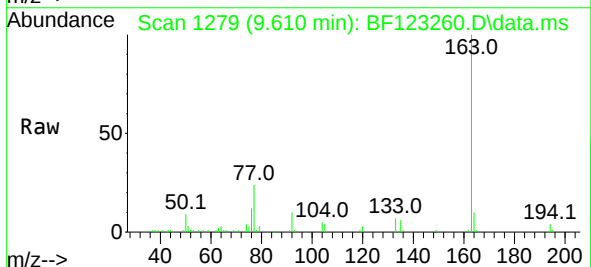
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ClientSampled :
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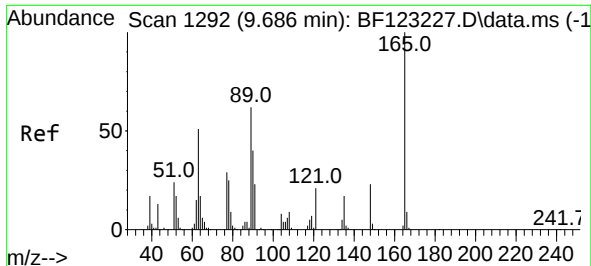
Tgt Ion:172 Resp: 1280419
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 2.83 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion:163 Resp: 53121
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 8.1 12.1

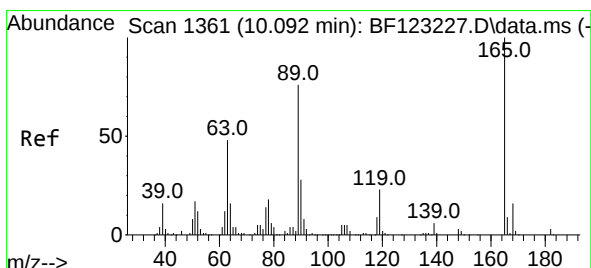
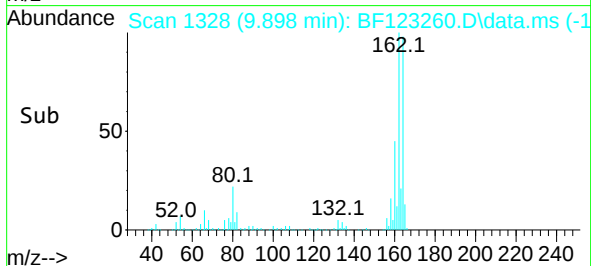
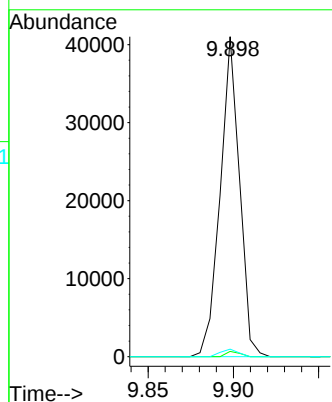
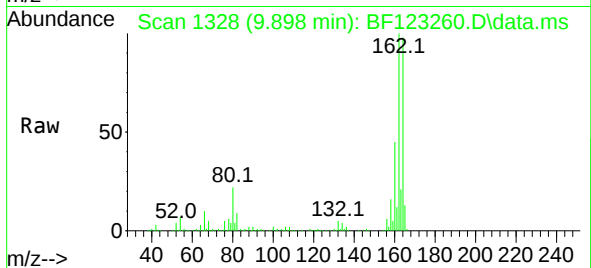




#51
2,6-Dinitrotoluene
Concen: 7.47 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

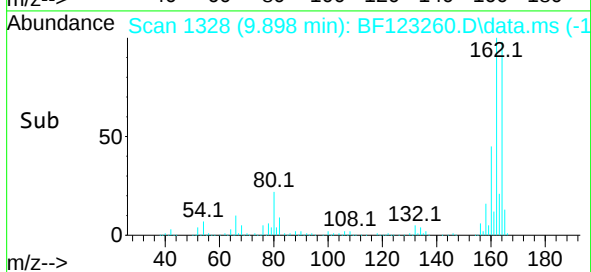
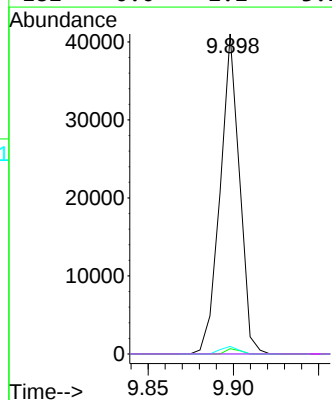
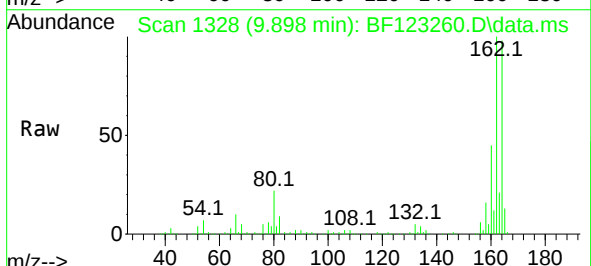
Instrument :
BNA_F
ClientSampled :
TP-7

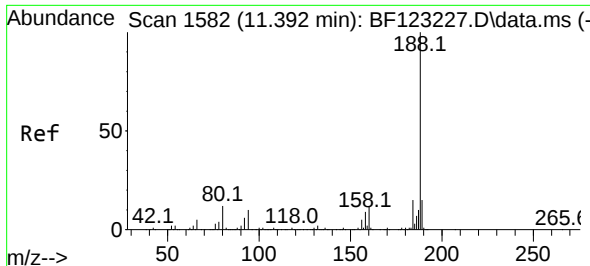
Tgt Ion:165 Resp: 32348
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 2.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion:165 Resp: 32348
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 2.4 55.2 82.8#
182 0.0 2.2 3.2#

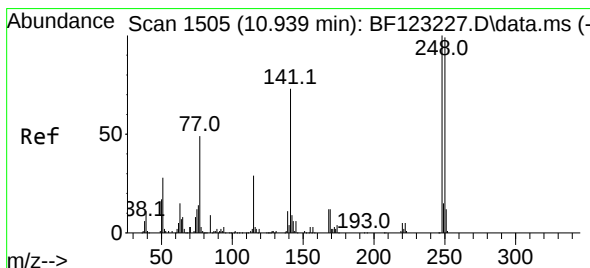
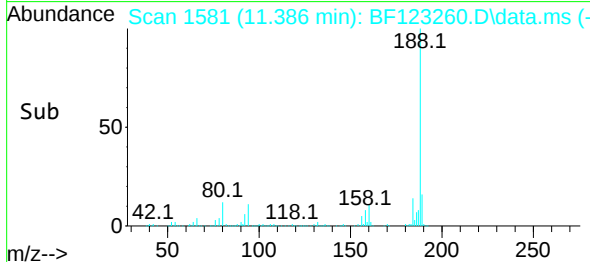
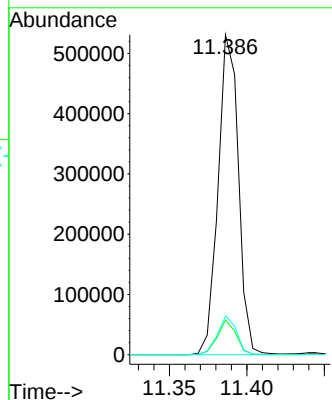
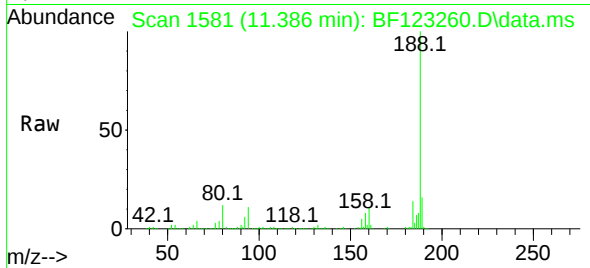




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

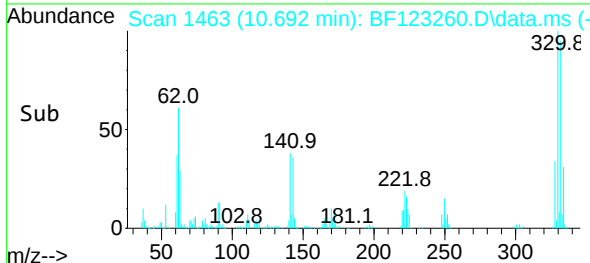
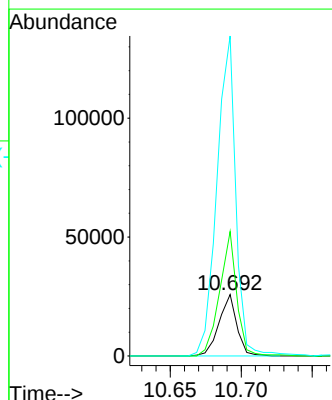
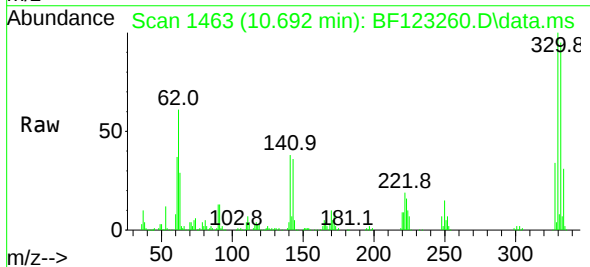
Instrument :
BNA_F
ClientSampleId :
TP-7

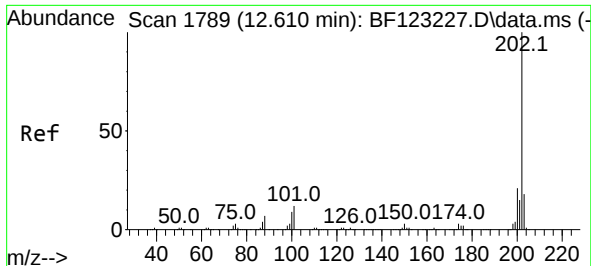
Tgt Ion:188 Resp: 484550
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 12.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion:248 Resp: 22598
Ion Ratio Lower Upper
248 100
250 202.3 76.8 115.2#
141 520.2 59.8 89.8#

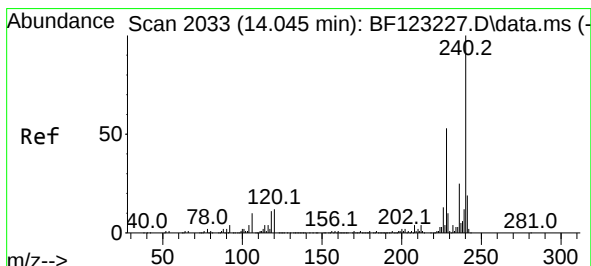
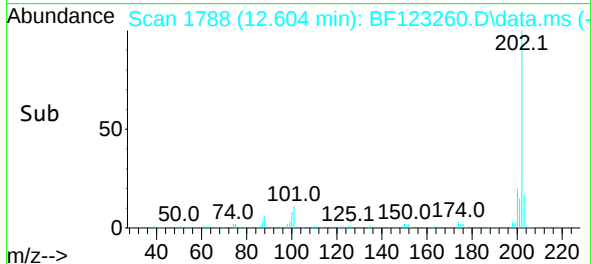
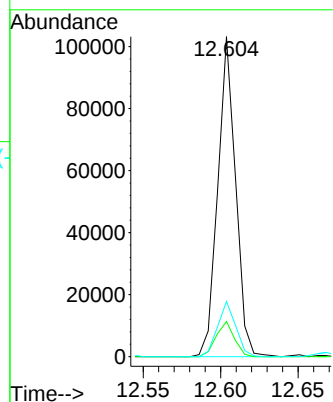
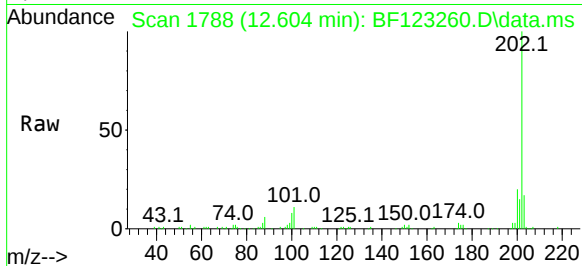




#75
Fluoranthene
Concen: 2.72 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

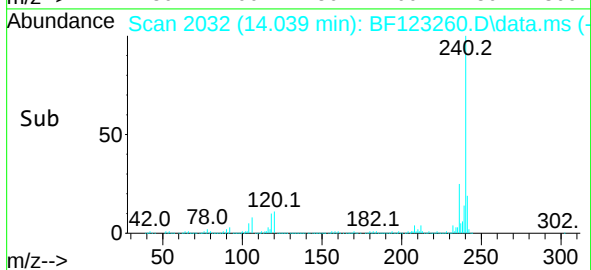
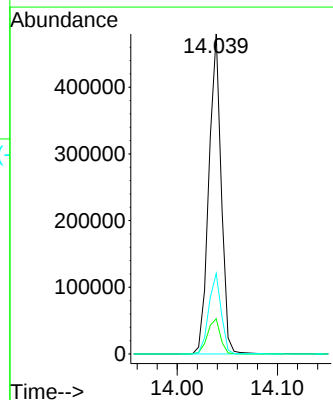
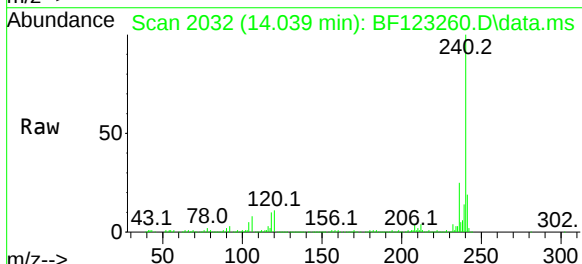
Instrument :
BNA_F
ClientSampleId :
TP-7

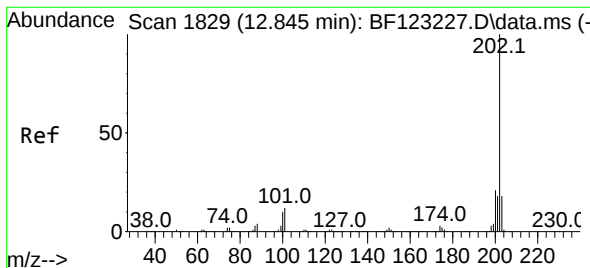
Tgt Ion:202 Resp: 82536
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 17.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion:240 Resp: 409655
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.2 20.3 30.5





#78

Pyrene

Concen: 2.39 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF123260.D

Acq: 22 Feb 2021 15:57

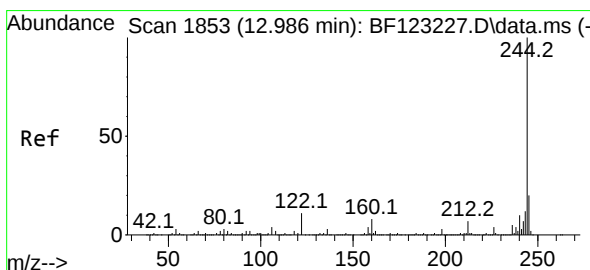
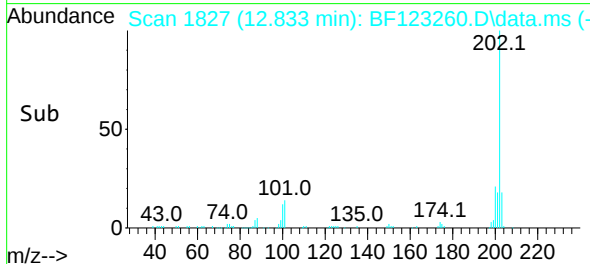
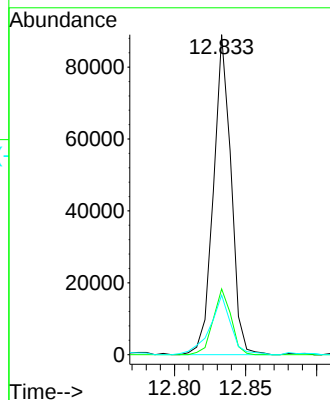
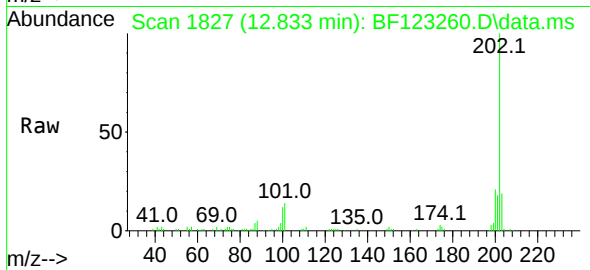
Tgt Ion:202 Resp: 76534

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

203 18.6 14.6 21.8



#79

Terphenyl-d14

Concen: 66.09 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF123260.D

Acq: 22 Feb 2021 15:57

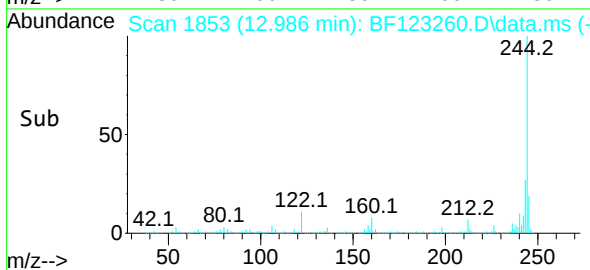
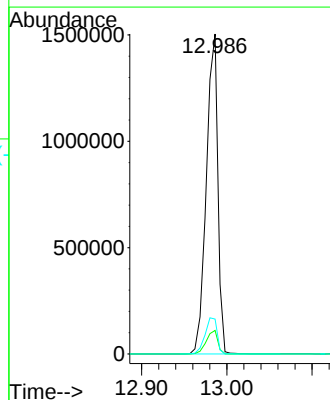
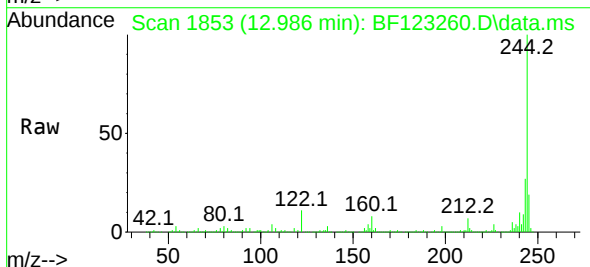
Tgt Ion:244 Resp: 1407979

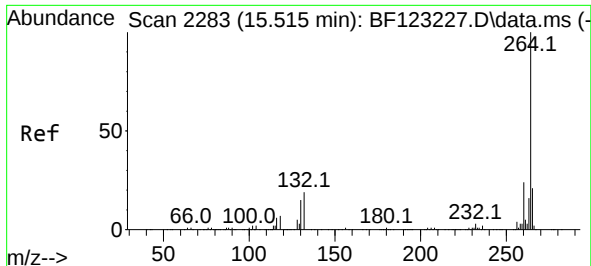
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 10.9 8.3 12.5

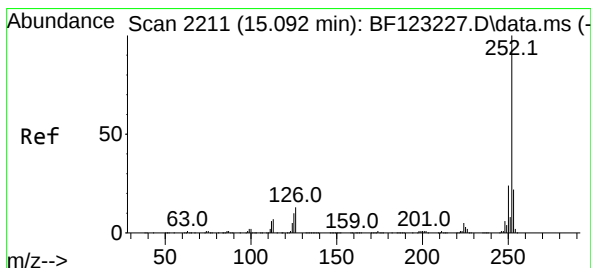
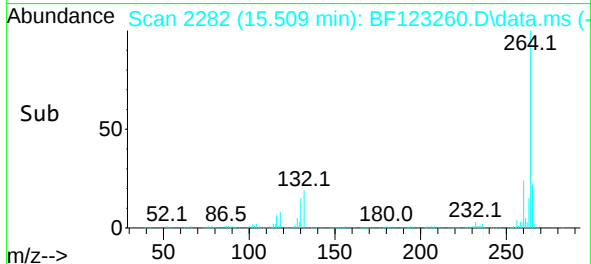
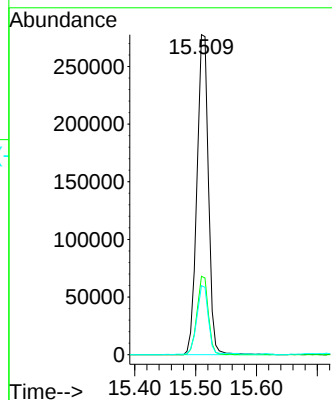
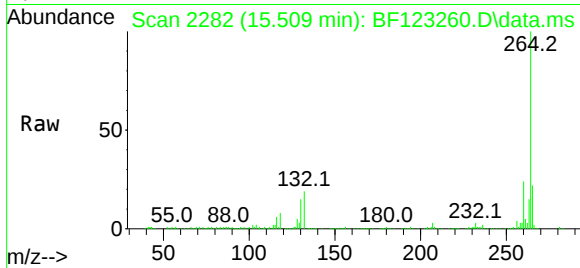




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

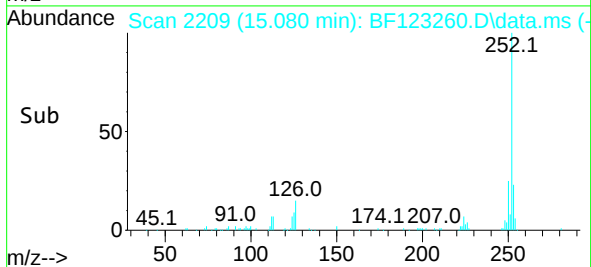
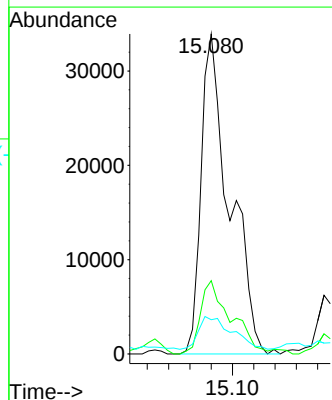
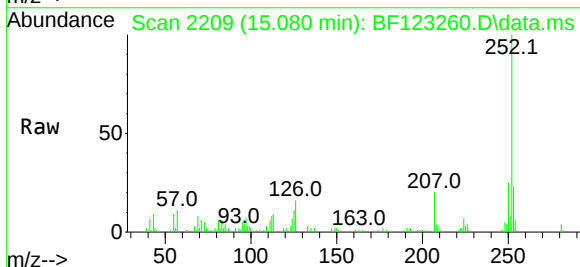
Instrument :
BNA_F
ClientSampleId :
TP-7

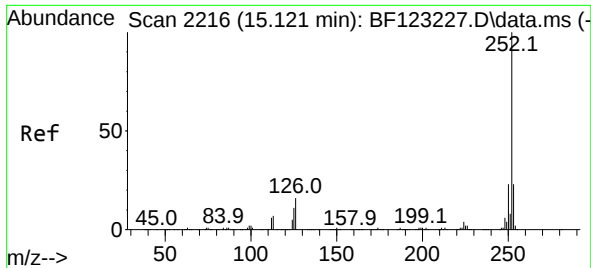
Tgt Ion:264 Resp: 364276
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 21.5 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 2.46 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF123260.D
Acq: 22 Feb 2021 15:57

Tgt Ion:252 Resp: 62917
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 10.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 2.71 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.041 min

Lab File: BF123260.D

Acq: 22 Feb 2021 15:57

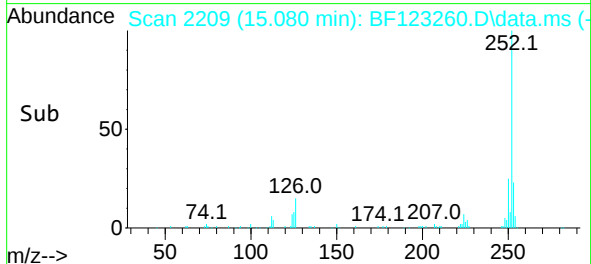
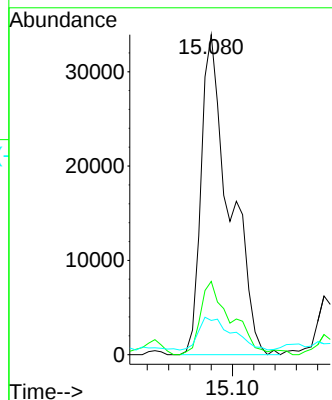
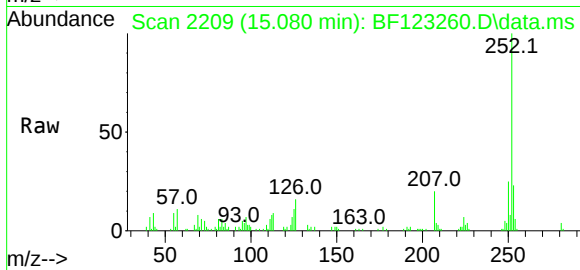
Tgt Ion:252 Resp: 62917

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 10.7 8.4 12.6



Instrument :

BNA_F

ClientSampleId :

TP-7