

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122862.D
 Acq On : 24 Dec 2020 18:44
 Operator : JU/CG
 Sample : L5207-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Dec 25 00:07:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

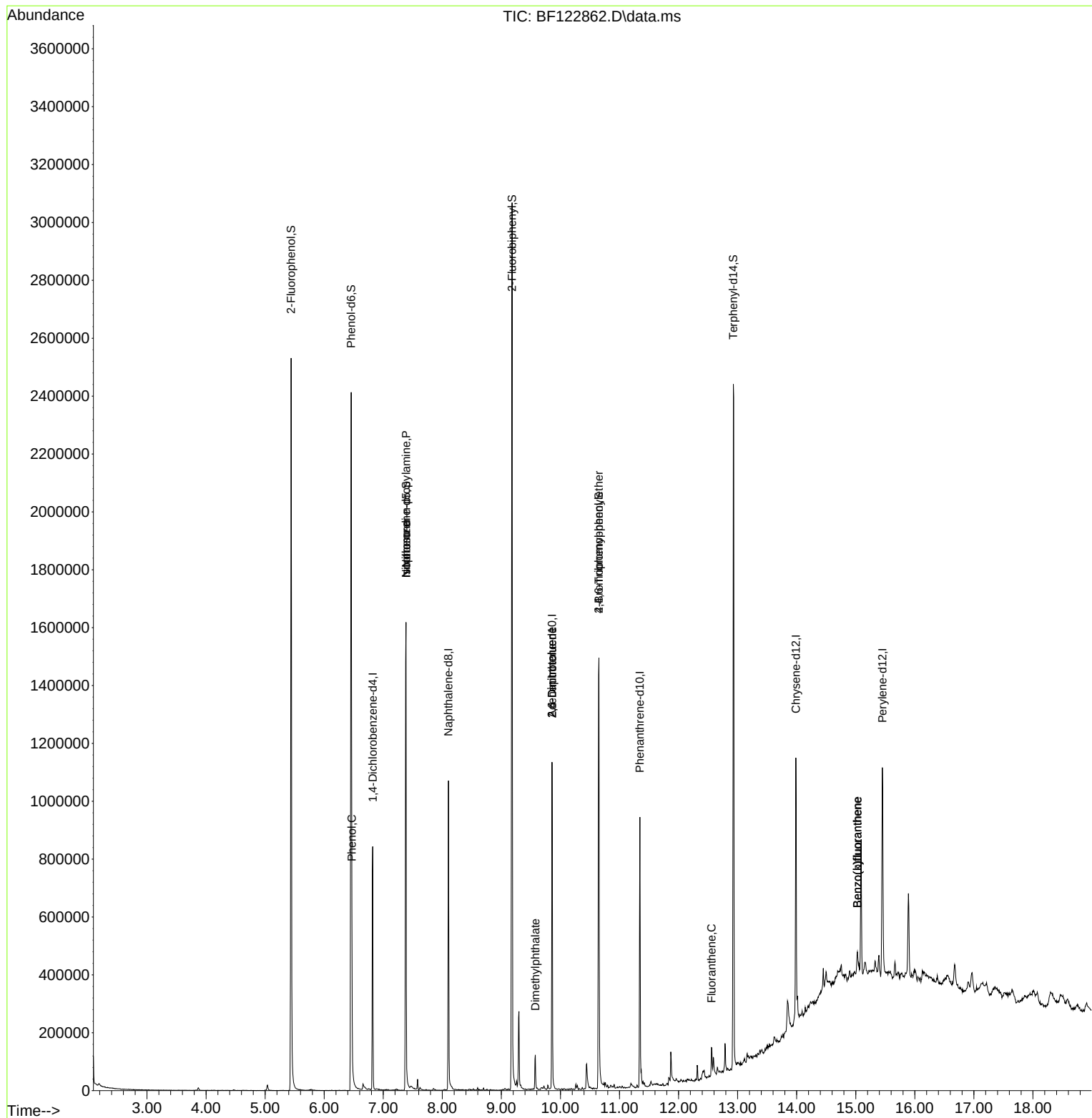
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	131145	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	474235	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	222345	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	336405	20.00	ng	0.00
76) Chrysene-d12	13.986	240	337237	20.00	ng	0.00
86) Perylene-d12	15.451	264	346158	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	754329	91.06	ng	0.00
7) Phenol-d6	6.457	99	896292	81.58	ng	0.00
23) Nitrobenzene-d5	7.386	82	562405	59.42	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	223046	76.64	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	992567	60.38	ng	0.00
79) Terphenyl-d14	12.927	244	829144	43.04	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	130304	11.45	ng	89
19) n-Nitroso-di-n-propyla...	7.386	70	75238	11.96	ng	# 76
25) Isophorone	7.386	82	562397	34.50	ng	# 65
50) Dimethylphthalate	9.575	163	55864	3.15	ng	99
51) 2,6-Dinitrotoluene	9.857	165	28189	7.52	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	28189	5.64	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	14405	3.16	ng	# 1
75) Fluoranthene	12.557	202	43479	2.07	ng	97
88) Benzo(b)fluoranthene	15.027	252	55539	2.29	ng	# 89
89) Benzo(k)fluoranthene	15.027	252	55539	2.50	ng	# 88

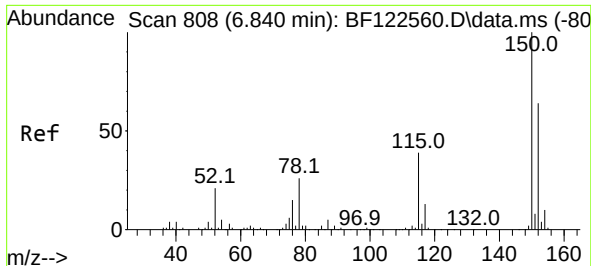
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 25 00:07:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

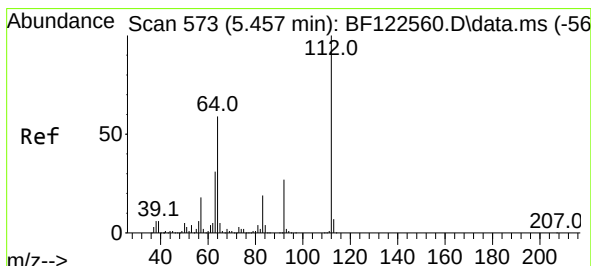
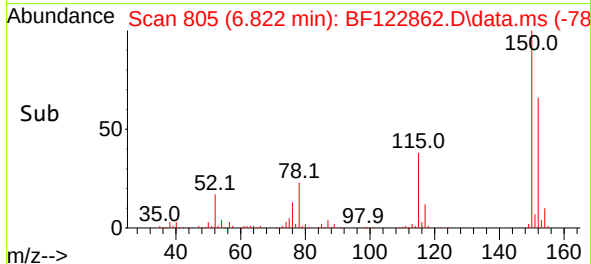
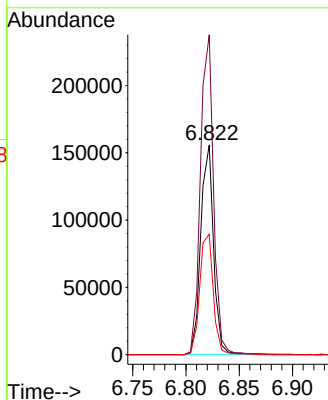
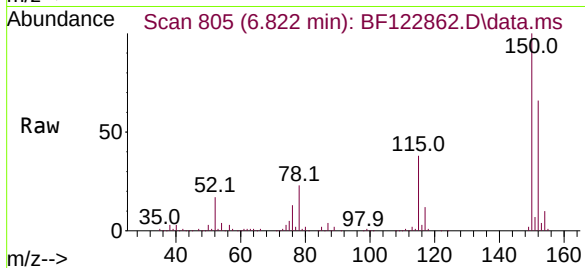




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

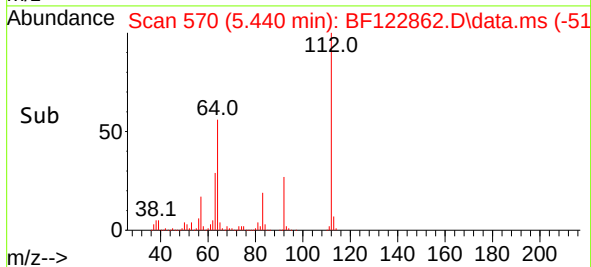
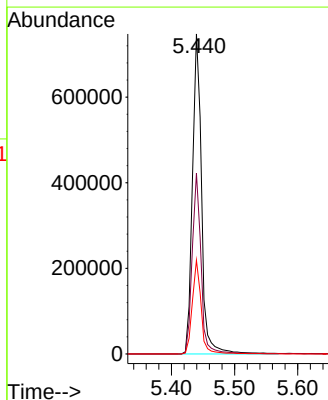
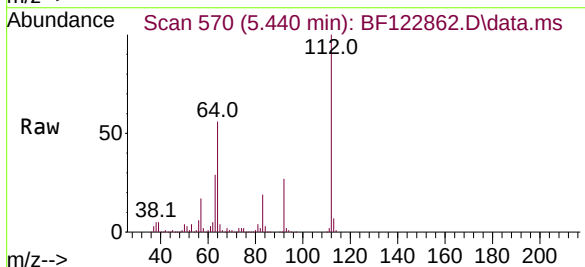
Instrument :
BNA_F
ClientSampleId :
SP-1

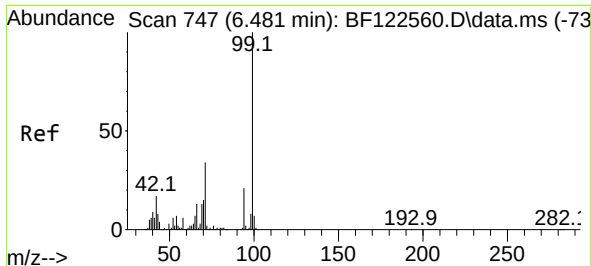
Tgt Ion:152 Resp: 131145
Ion Ratio Lower Upper
152 100
150 152.5 125.8 188.6
115 57.4 49.3 73.9



#5
2-Fluorophenol
Concen: 91.06 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:112 Resp: 754329
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 29.3 24.5 36.7

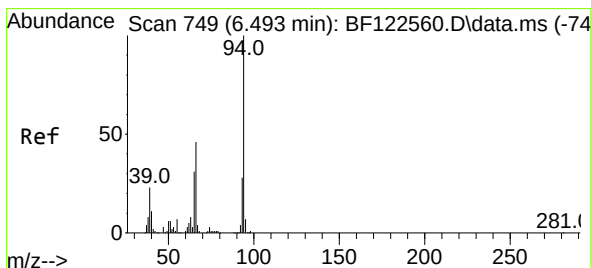
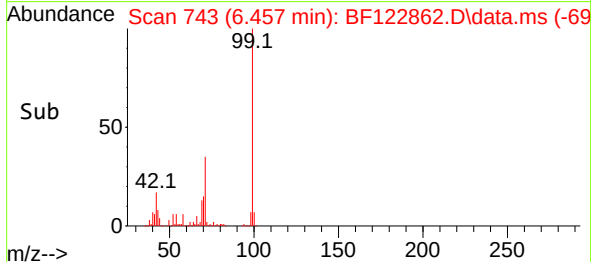
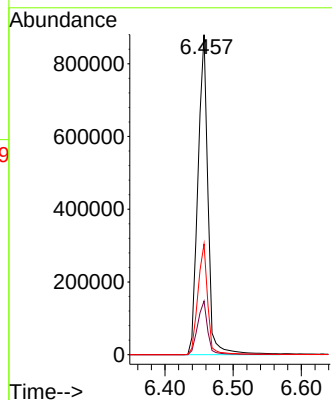
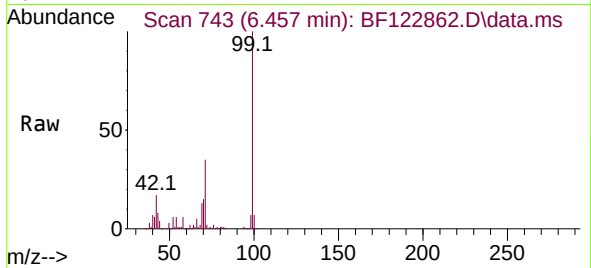




#7
Phenol-d6
Concen: 81.58 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

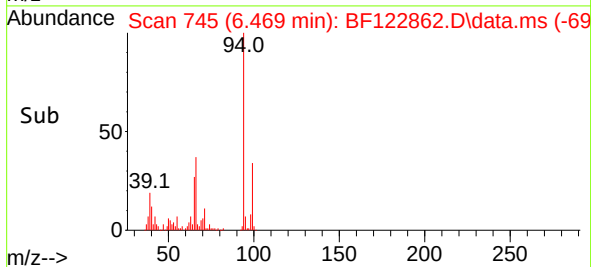
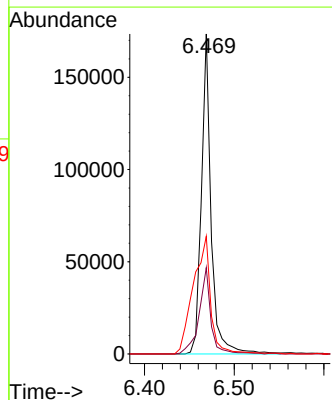
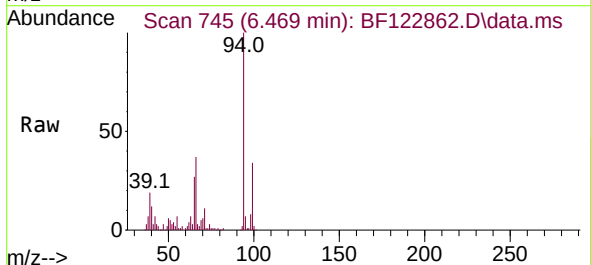
Instrument :
BNA_F
ClientSampled :
SP-1

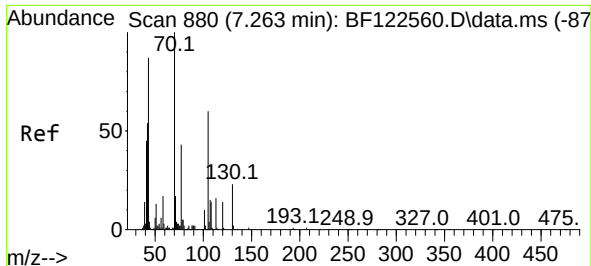
Tgt Ion: 99 Resp: 896292
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 34.6 26.9 40.3



#10
Phenol
Concen: 11.45 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion: 94 Resp: 130304
Ion Ratio Lower Upper
94 100
65 26.9 11.2 51.2
66 36.7 25.8 65.8

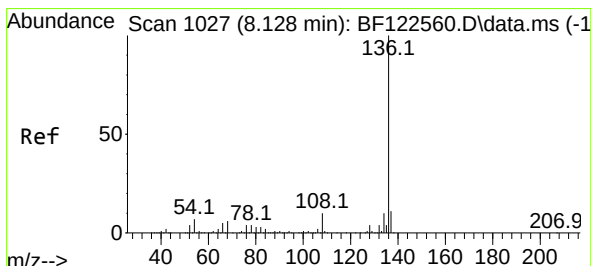
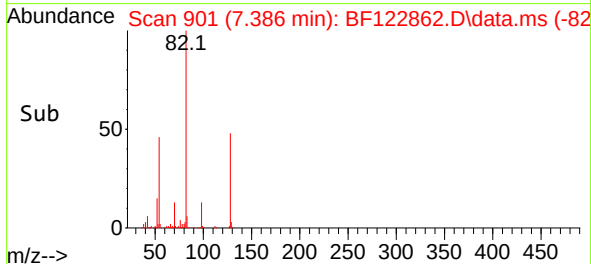
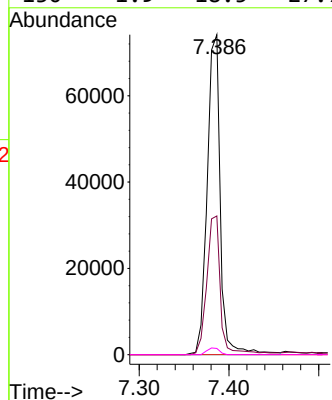
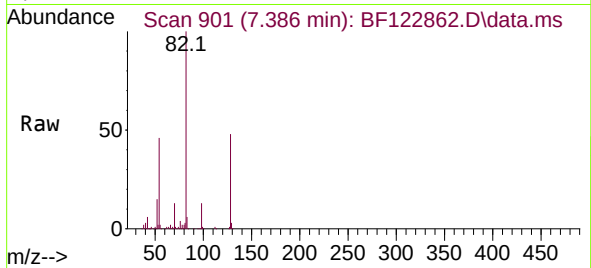




#19
n-Nitroso-di-n-propylamine
Concen: 11.96 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

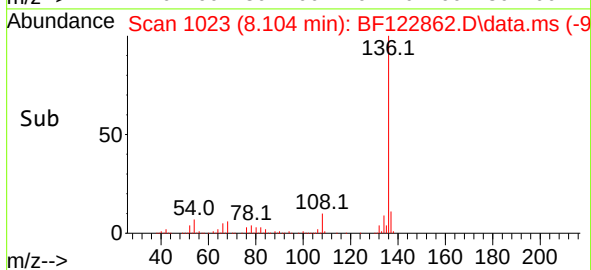
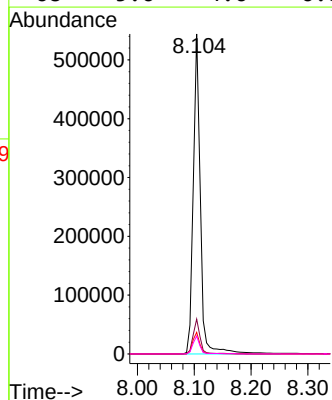
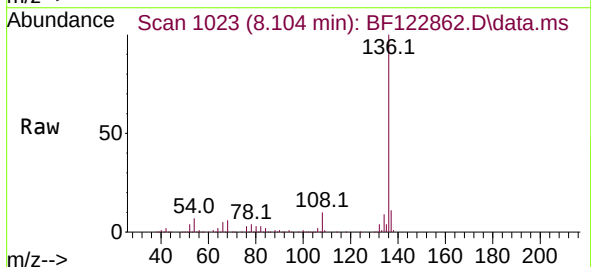
Instrument :
BNA_F
ClientSampled :
SP-1

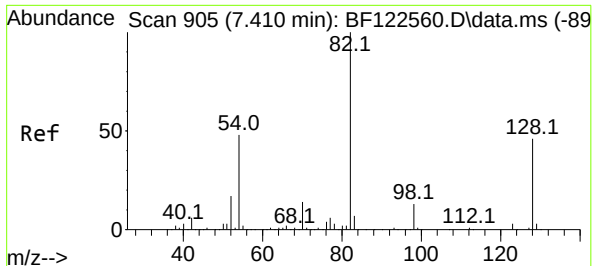
Tgt Ion: 70	Resp: 75238
Ion Ratio	Lower Upper
70 100	
42 43.3	43.0 64.4
101 0.0	7.9 11.9#
130 1.9	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion: 136	Resp: 474235
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.7	5.5 8.3
68 5.6	4.6 6.8

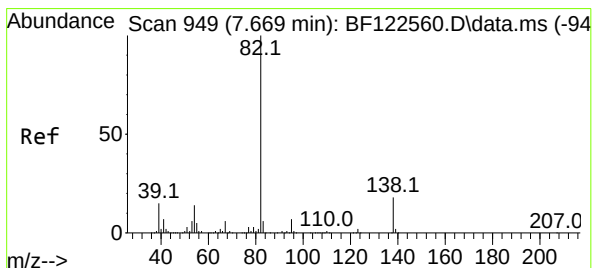
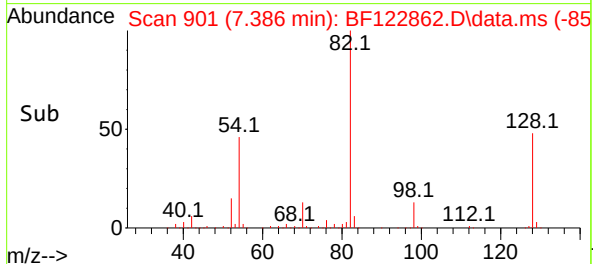
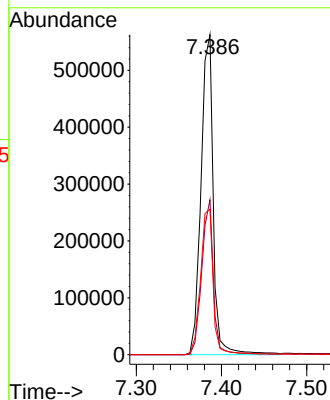
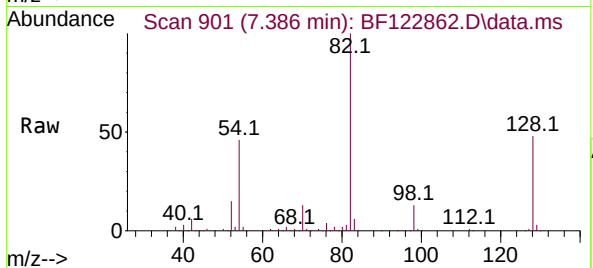




#23
Nitrobenzene-d5
Concen: 59.42 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

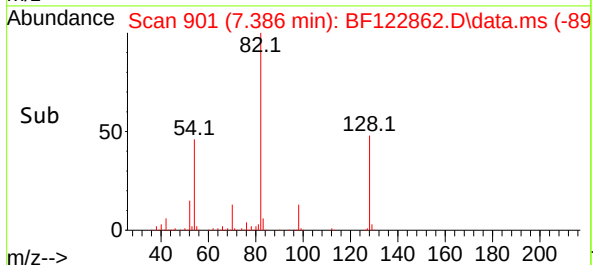
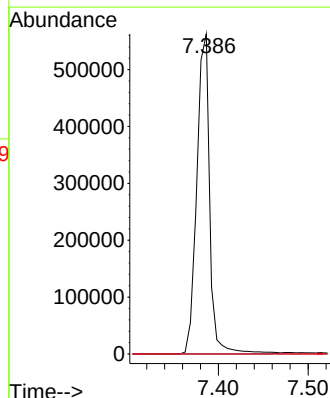
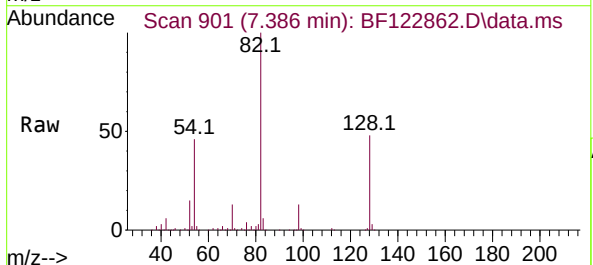
Instrument :
BNA_F
ClientSampleId :
SP-1

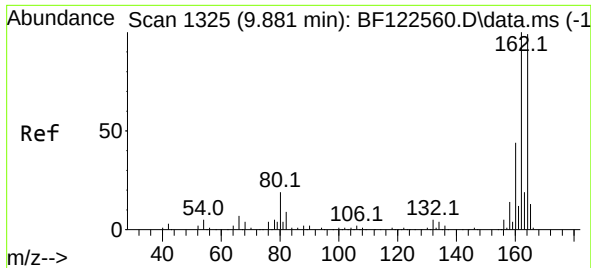
Tgt Ion: 82 Resp: 562405
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 45.5 38.4 57.6



#25
Isophorone
Concen: 34.50 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion: 82 Resp: 562397
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

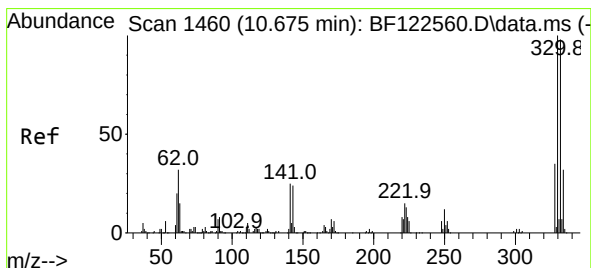
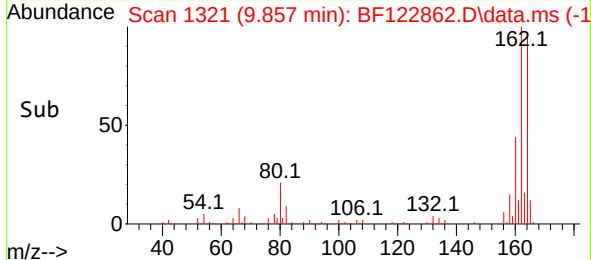
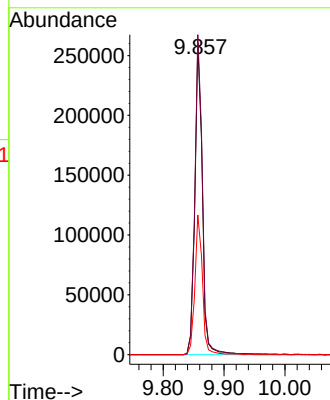
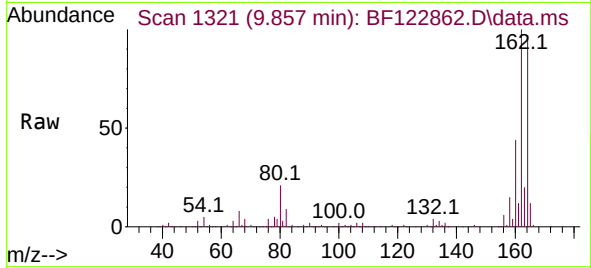




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

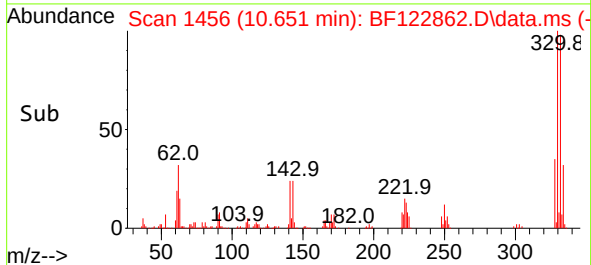
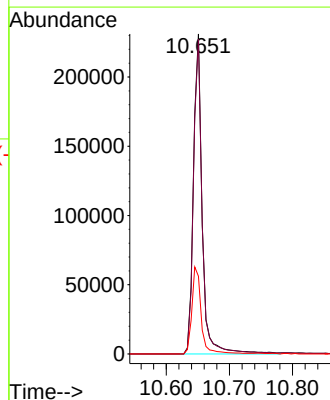
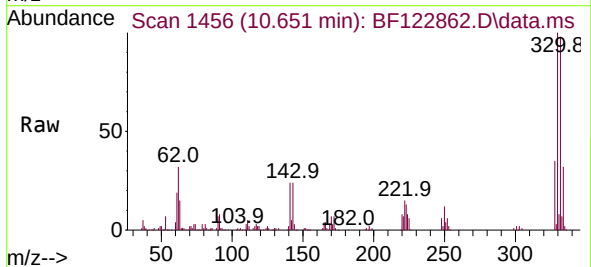
Instrument :
BNA_F
ClientSampled :
SP-1

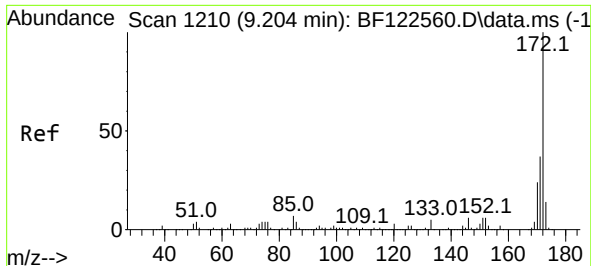
Tgt Ion:164 Resp: 222345
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 76.64 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:330 Resp: 223046
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 28.9 23.8 35.8

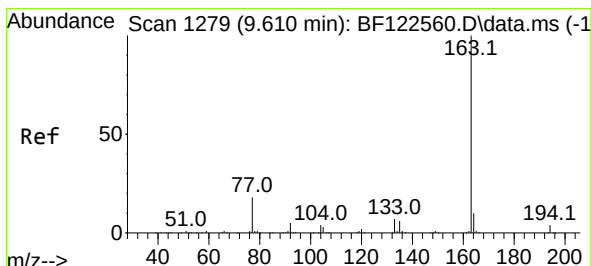
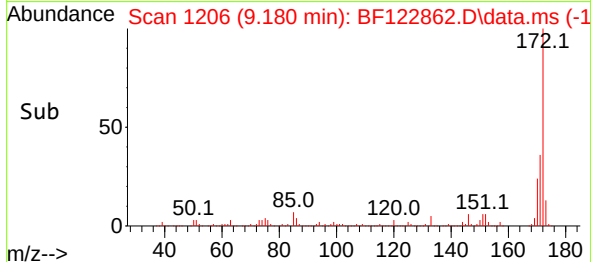
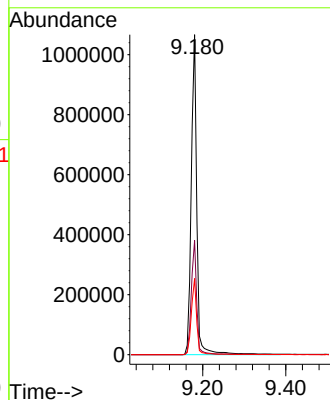
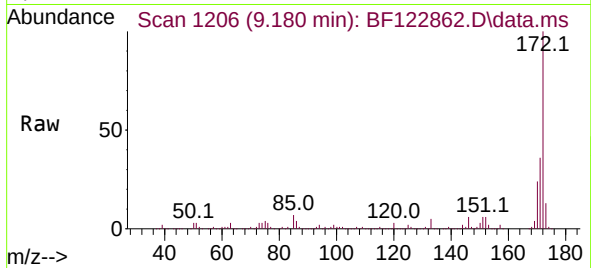




#45
2-Fluorobiphenyl
Concen: 60.38 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

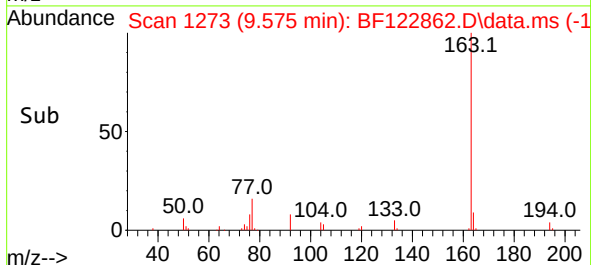
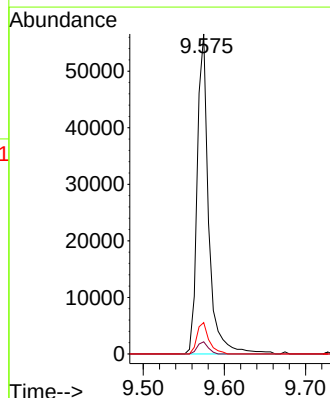
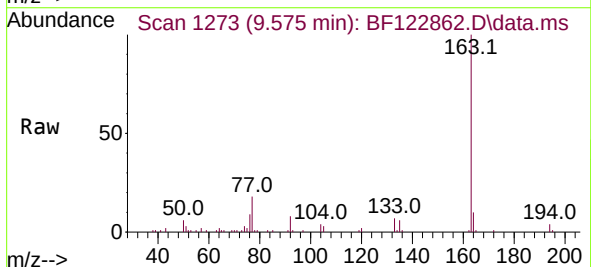
Instrument :
BNA_F
ClientSampled :
SP-1

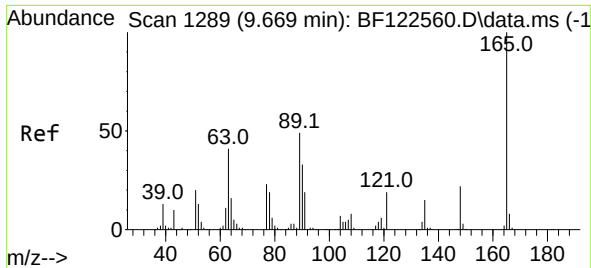
Tgt Ion:172 Resp: 992567
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 3.15 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:163 Resp: 55864
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.8 8.1 12.1

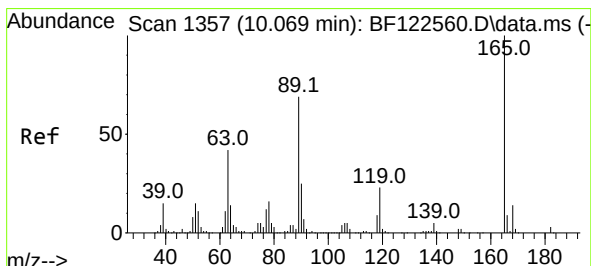
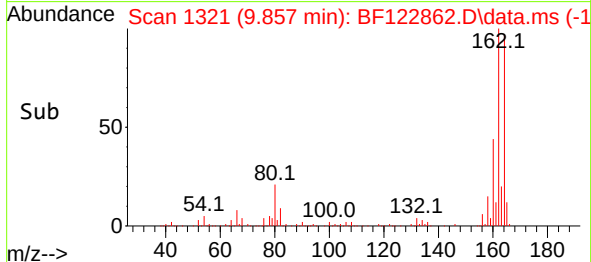
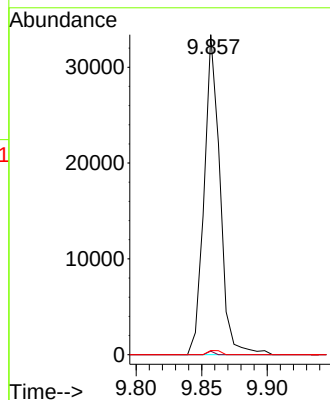
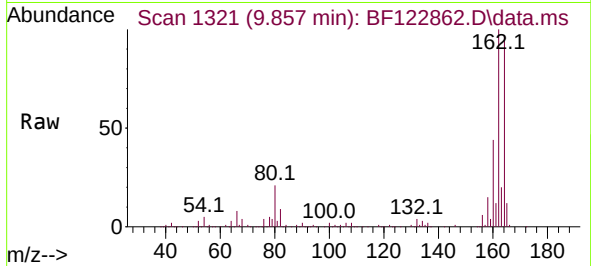




#51
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

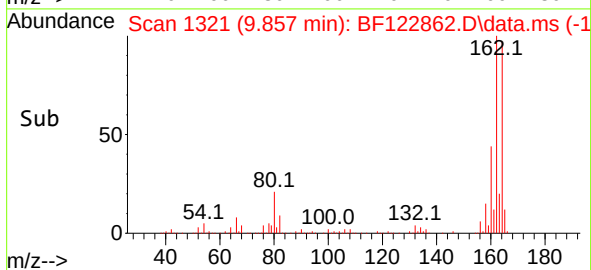
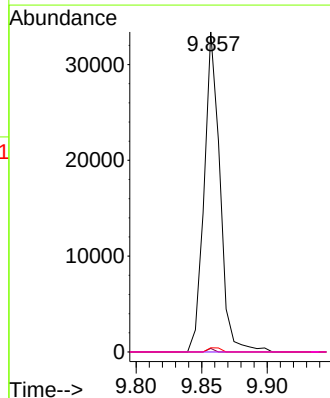
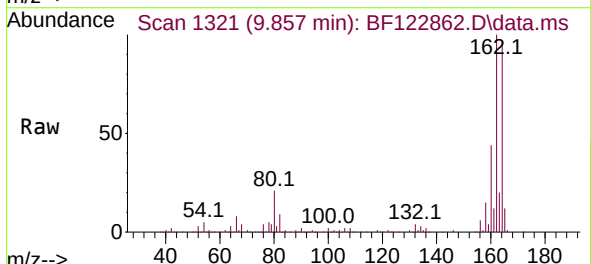
Instrument :
BNA_F
ClientSampled :
SP-1

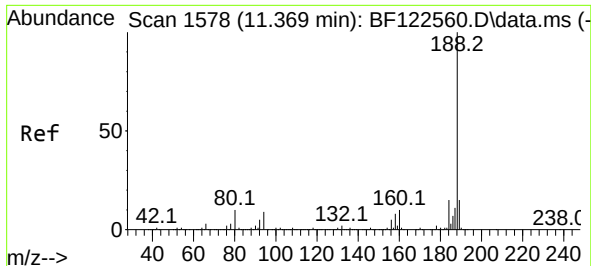
Tgt Ion:165 Resp: 28189
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:165 Resp: 28189
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

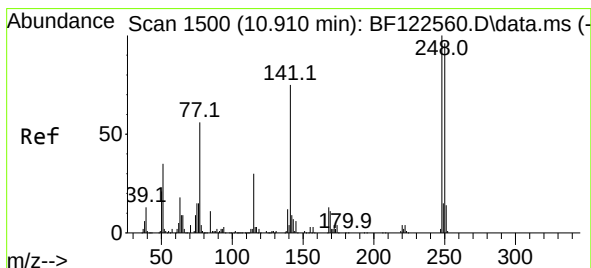
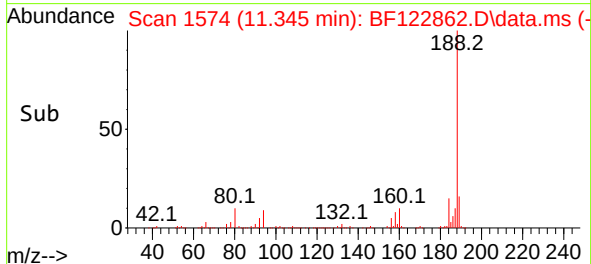
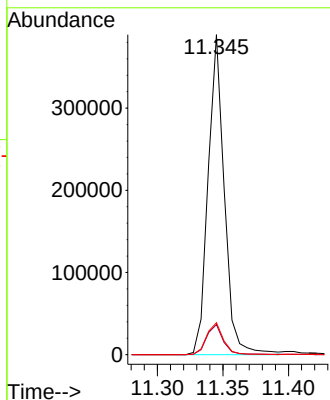
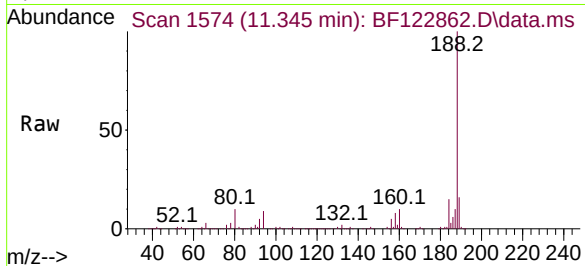




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

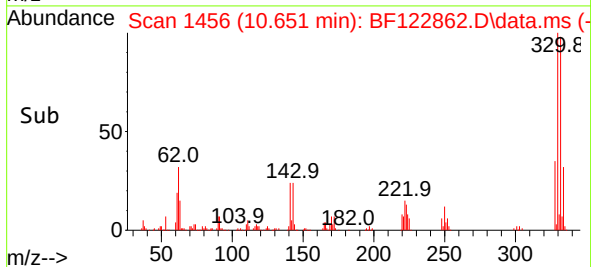
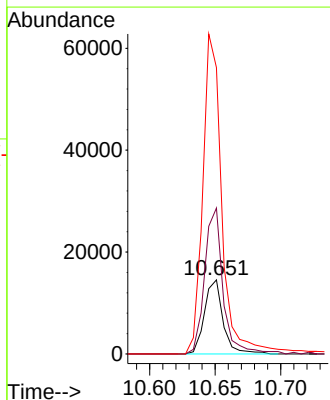
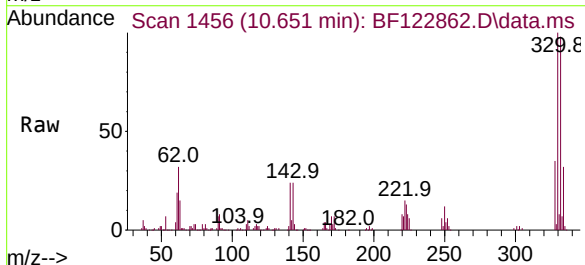
Instrument :
BNA_F
ClientSampled :
SP-1

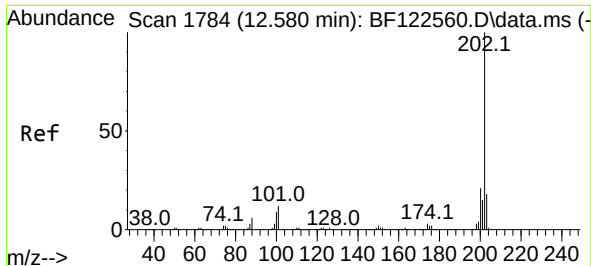
Tgt Ion:188 Resp: 336405
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:248 Resp: 14405
Ion Ratio Lower Upper
248 100
250 196.9 76.8 115.2#
141 386.4 59.8 89.8#

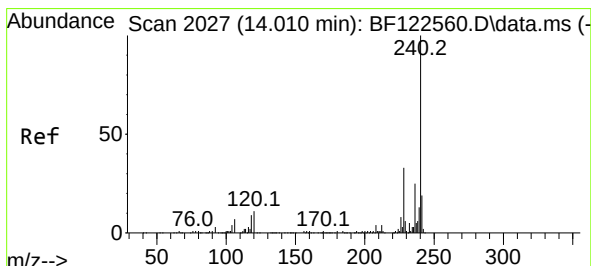
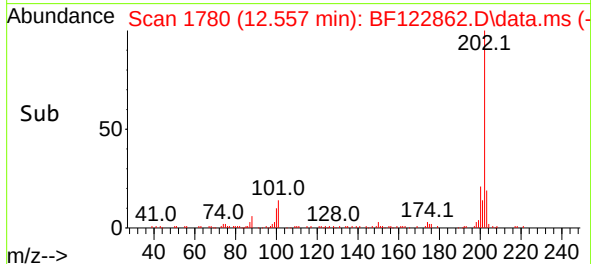
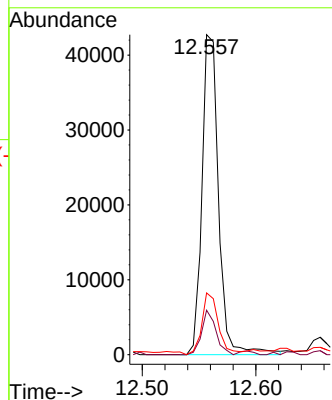
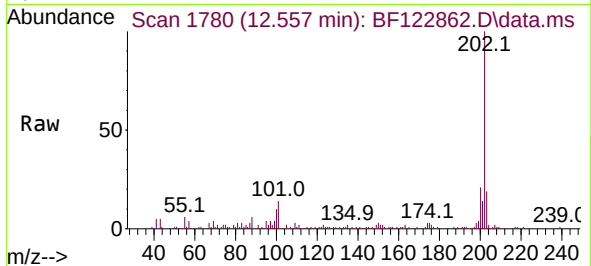




#75
Fluoranthene
Concen: 2.07 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

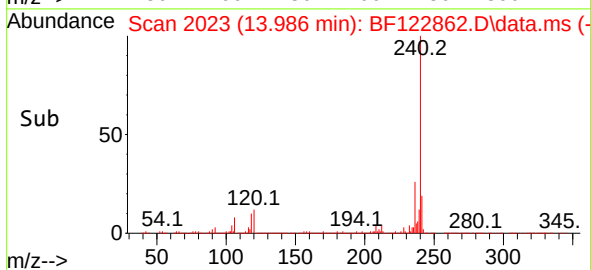
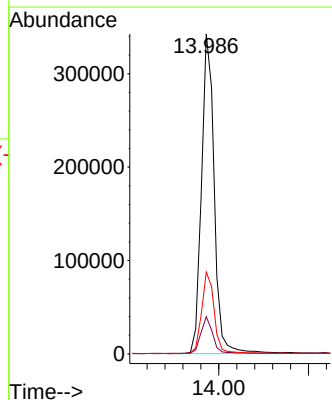
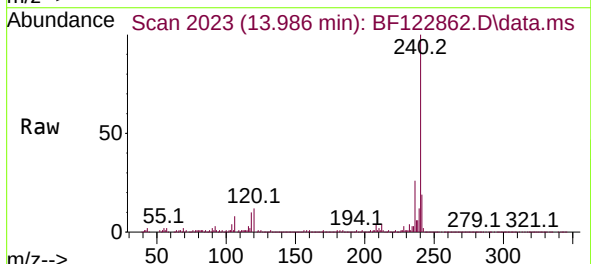
Instrument :
BNA_F
ClientSampleId :
SP-1

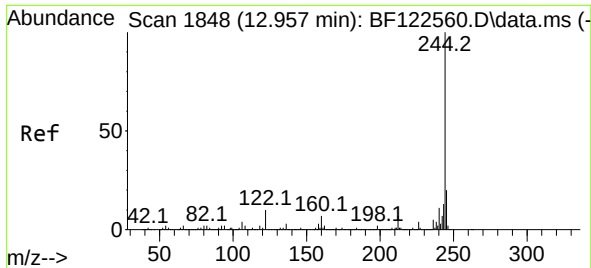
Tgt Ion:202 Resp: 43479
Ion Ratio Lower Upper
202 100
101 13.9 0.0 32.2
203 19.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:240 Resp: 337237
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.6 20.3 30.5

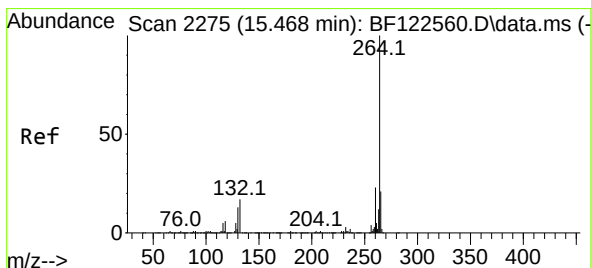
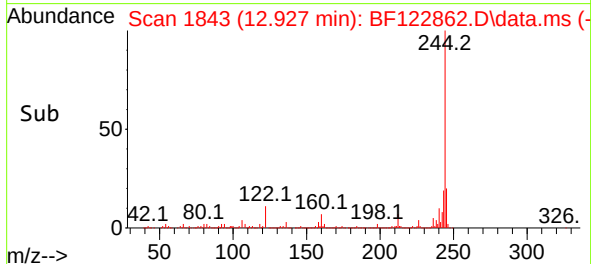
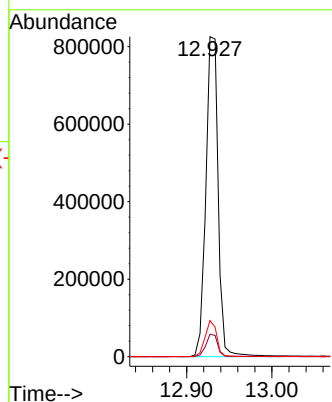
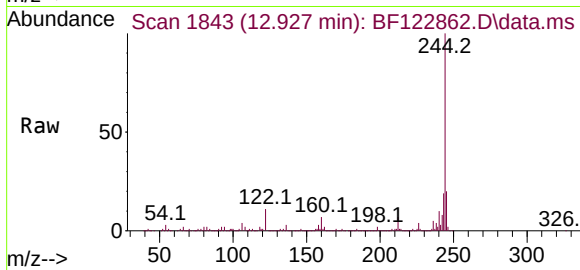




#79
Terphenyl-d14
Concen: 43.04 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

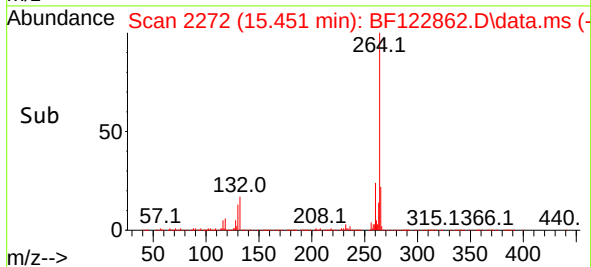
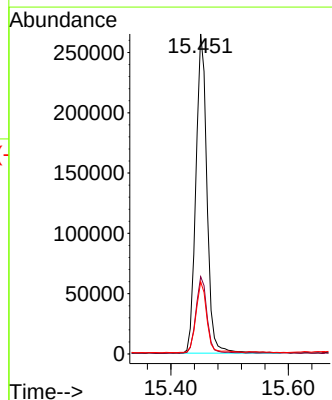
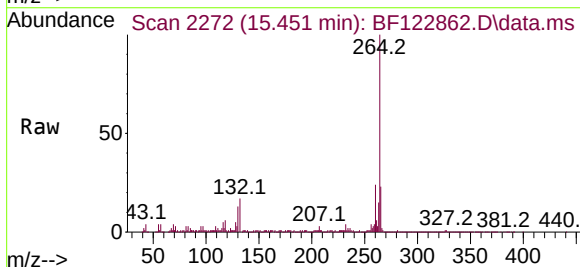
Instrument :
BNA_F
ClientSampleId :
SP-1

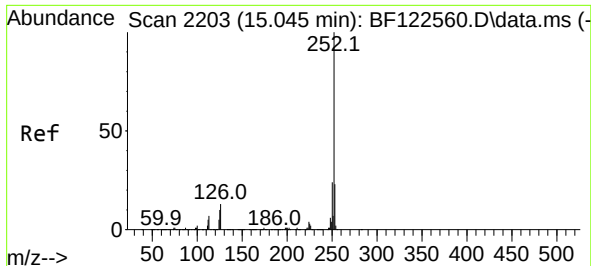
Tgt Ion:244 Resp: 829144
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.3 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:264 Resp: 346158
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.6 17.0 25.6

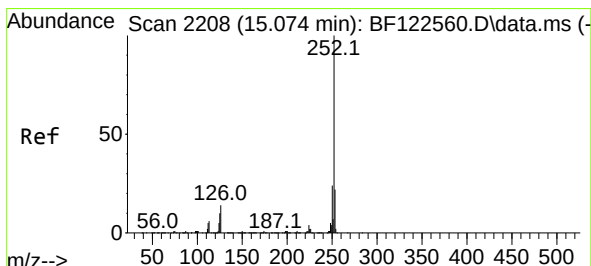
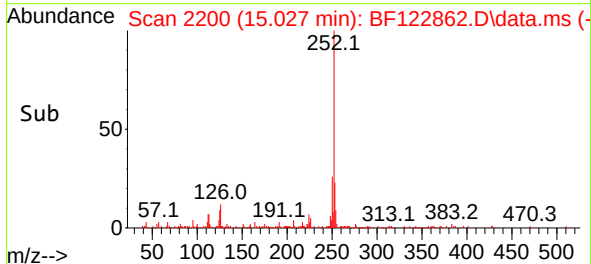
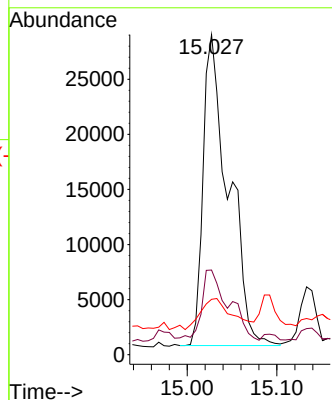
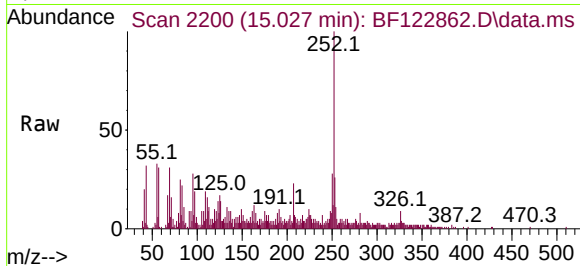




#88
Benzo(b)fluoranthene
Concen: 2.29 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion:252 Resp: 55539
Ion Ratio Lower Upper
252 100
253 26.4 18.3 27.5
125 17.3 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 2.50 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.024 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:252 Resp: 55539
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.8
125 17.3 8.4 12.6#

