

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122586.D
 Acq On : 8 Dec 2020 13:38
 Operator : JU/CG
 Sample : PB133460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133460BL

Quant Time: Dec 08 15:31:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

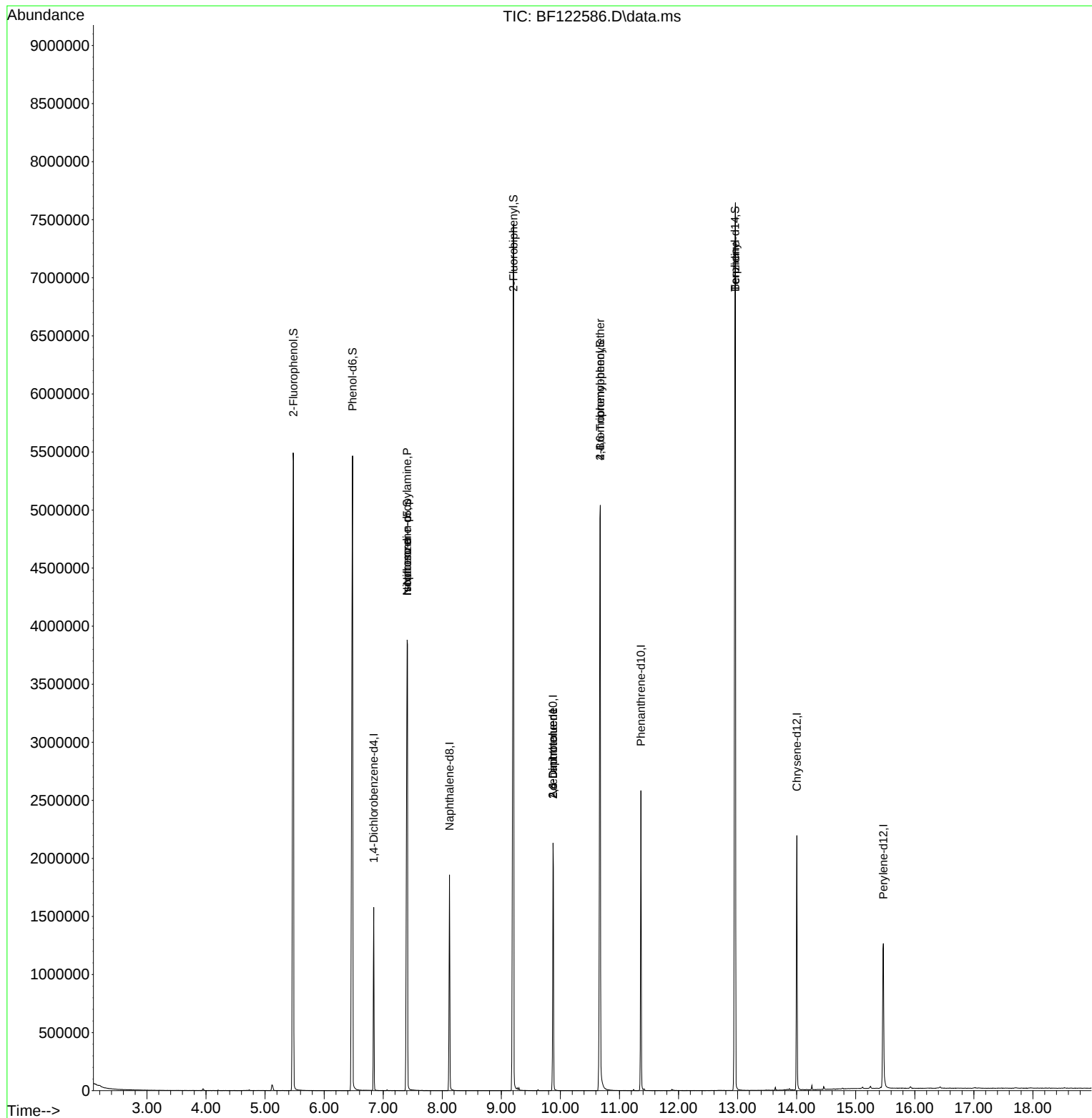
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	218631	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	871284	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	476683	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	891866	20.00	ng	0.00
76) Chrysene-d12	14.004	240	775531	20.00	ng	0.00
86) Perylene-d12	15.468	264	668284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2150922	155.75	ng	0.02
7) Phenol-d6	6.481	99	2694420	147.11	ng	0.00
23) Nitrobenzene-d5	7.404	82	1787493	102.79	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	928944	148.88	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	3007270	85.33	ng	0.00
79) Terphenyl-d14	12.957	244	3399417	76.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	244851	23.34	ng	Qvalue # 78
25) Isophorone	7.404	82	1769693	59.08	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	62228	7.74	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	62228	5.81	ng	# 25
67) 4-Bromophenyl-phenylether	10.675	248	58173	4.81	ng	# 1
77) Benzidine	12.963	184	45304	2.70	ng	# 91

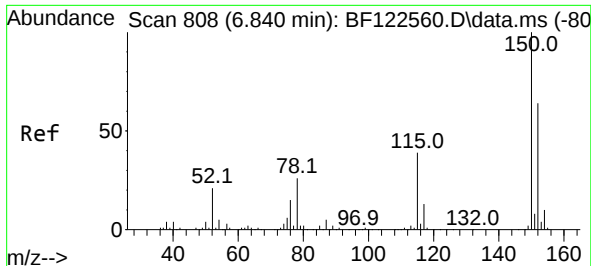
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB133460BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 08 15:31:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

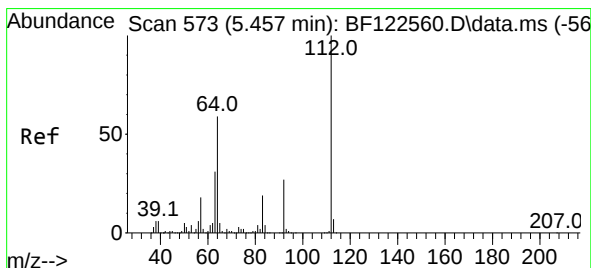
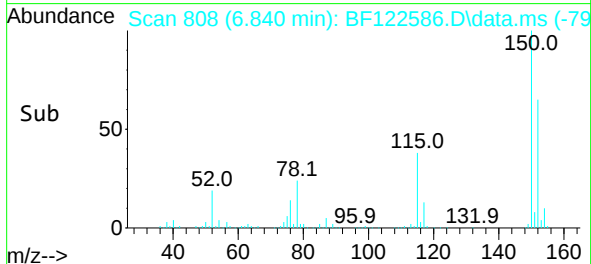
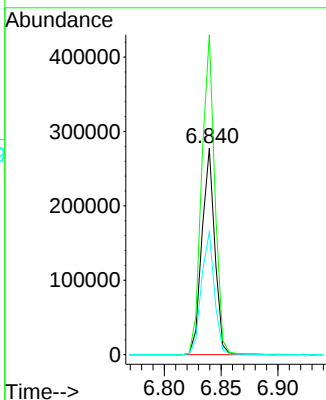
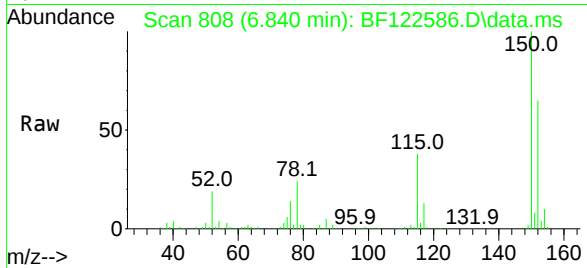




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

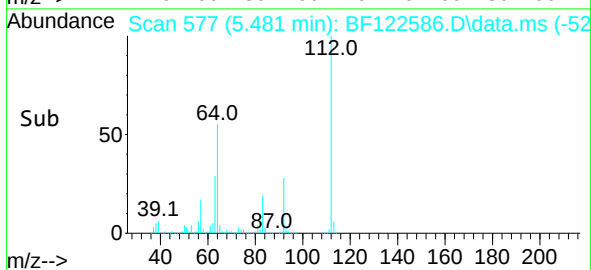
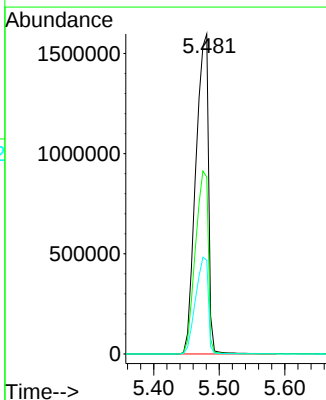
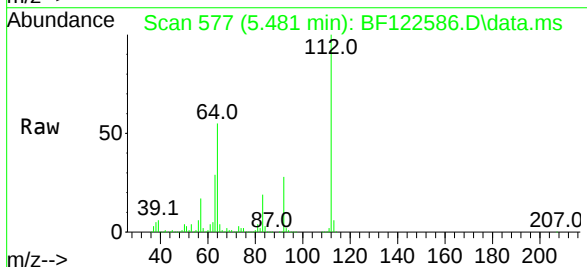
Instrument :
BNA_F
ClientSampleId :
PB133460BL

Tgt Ion:152 Resp: 218631
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 59.6 49.3 73.9



#5
2-Fluorophenol
Concen: 155.75 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.024 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Tgt Ion:112 Resp: 2150922
Ion Ratio Lower Upper
112 100
64 55.3 46.9 70.3
63 29.3 24.5 36.7

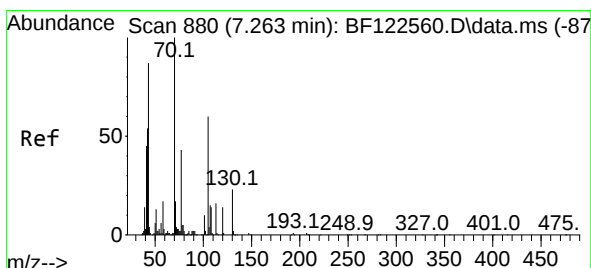
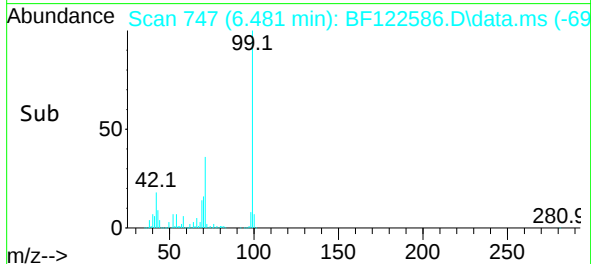
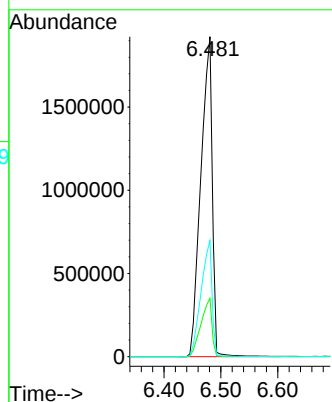
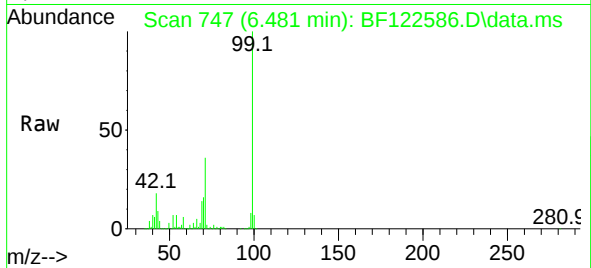




#7
Phenol-d6
Concen: 147.11 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

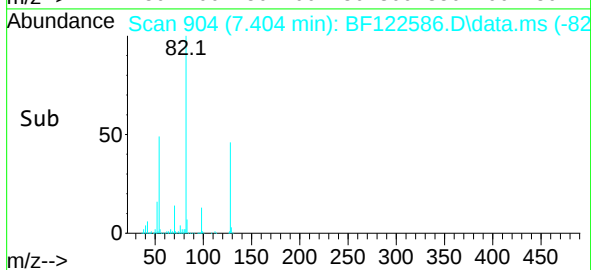
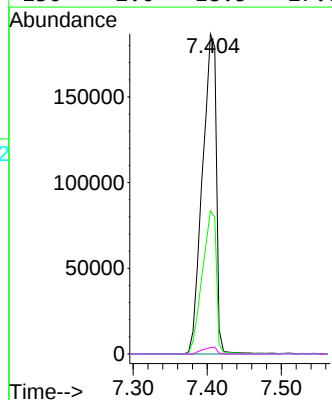
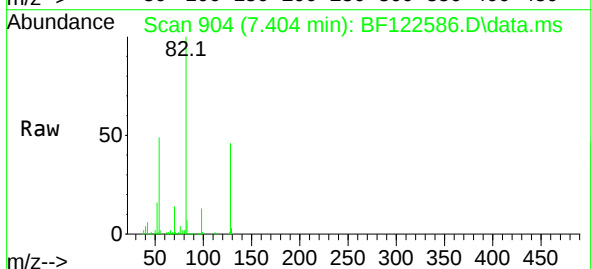
Instrument :
BNA_F
ClientSampleId :
PB133460BL

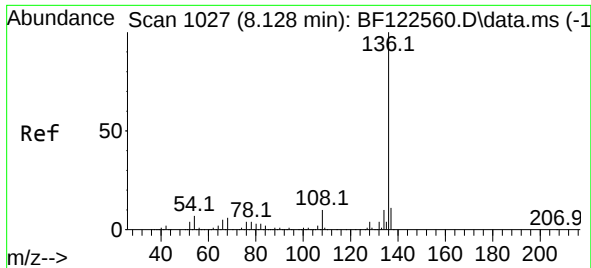
Tgt Ion: 99 Resp: 2694420
Ion Ratio Lower Upper
99 100
42 18.2 13.8 20.6
71 36.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.34 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

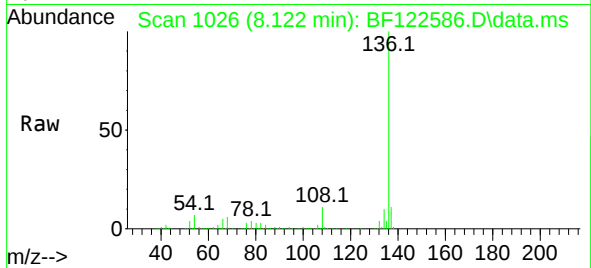
Tgt Ion: 70 Resp: 244851
Ion Ratio Lower Upper
70 100
42 44.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



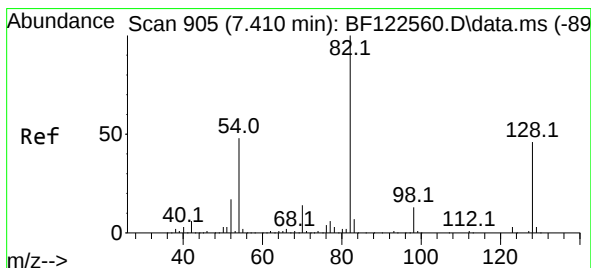
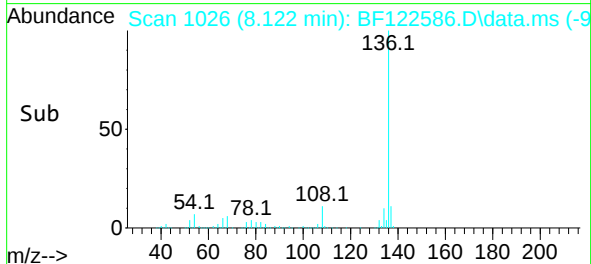
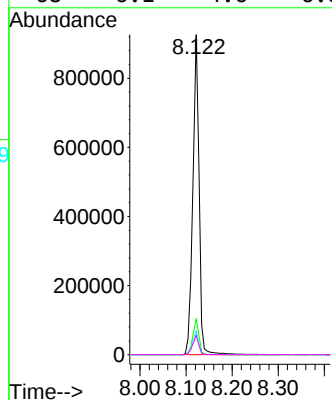


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB133460BL

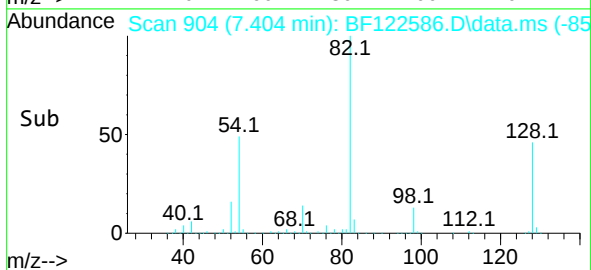
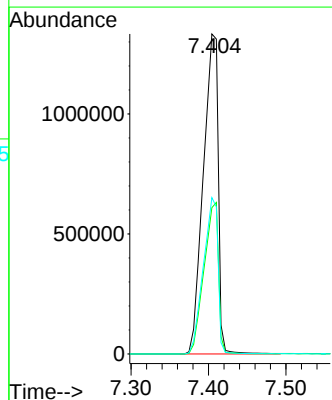
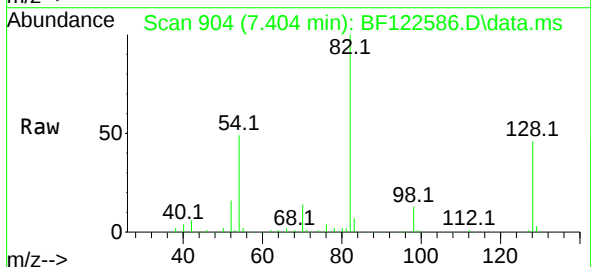


Tgt Ion:136 Resp: 871284
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.5 8.3
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 102.79 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

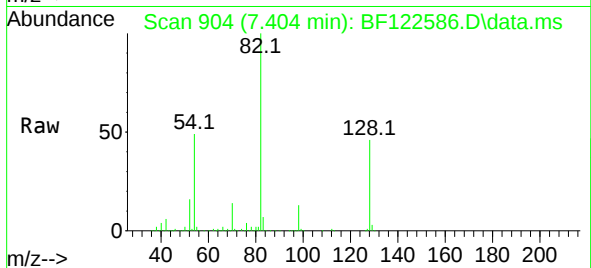
Tgt Ion: 82 Resp: 1787493
Ion Ratio Lower Upper
82 100
128 45.7 37.0 55.4
54 48.9 38.4 57.6



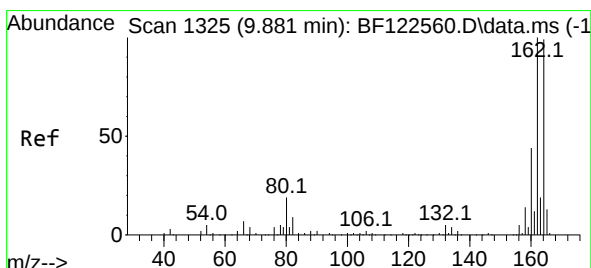
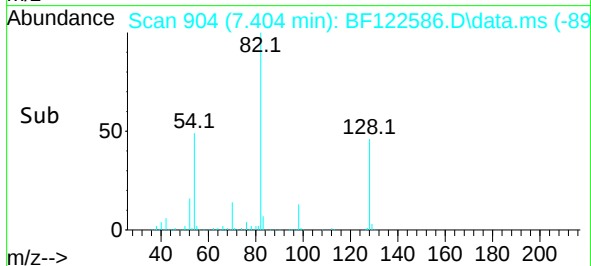
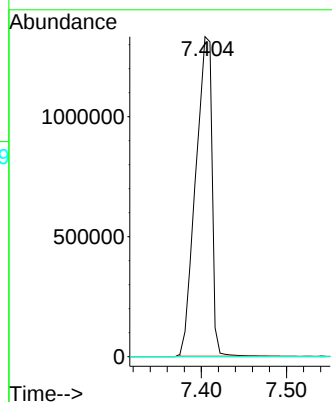


#25
Isophorone
Concen: 59.08 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB133460BL

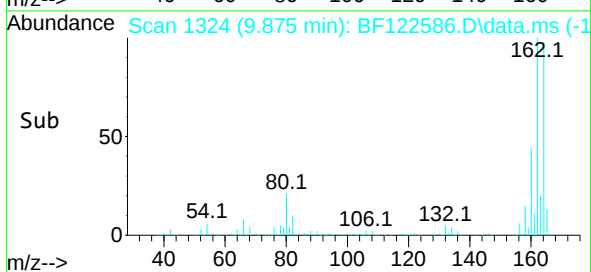
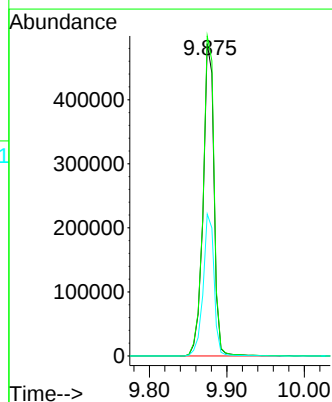
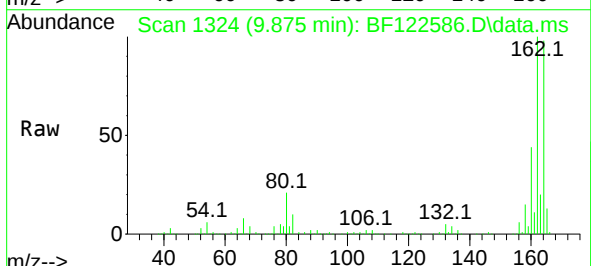


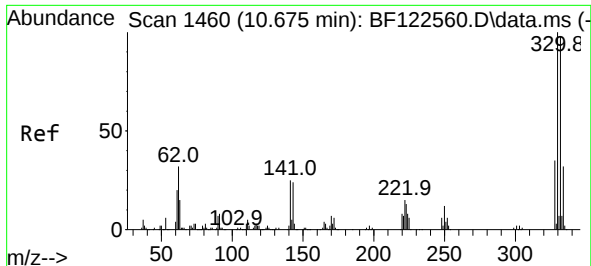
Tgt Ion: 82 Resp: 1769693
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Tgt Ion: 164 Resp: 476683
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 45.4 35.4 53.0

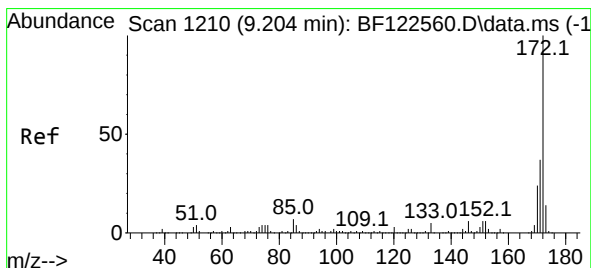
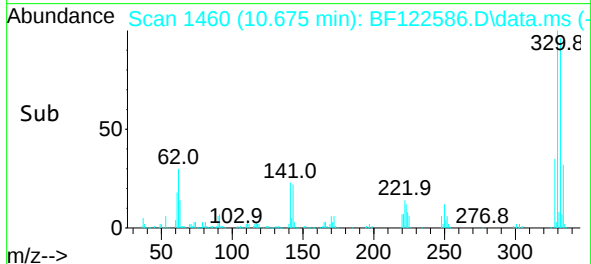
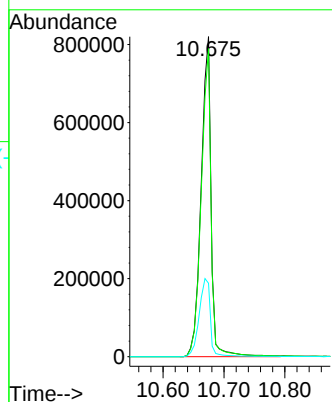
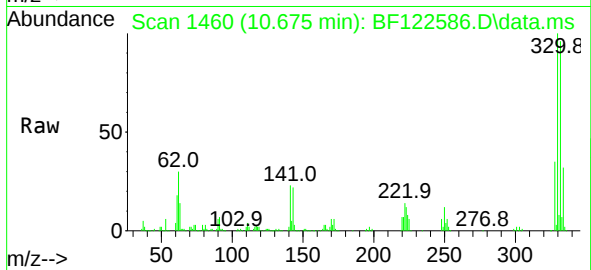




#42
2,4,6-Tribromophenol
Concen: 148.88 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

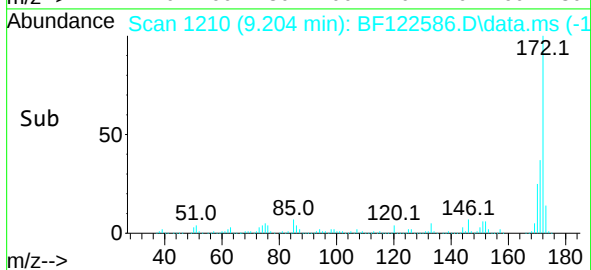
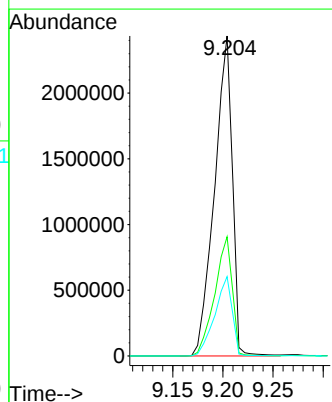
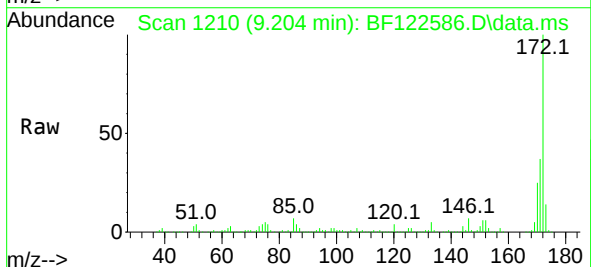
Instrument :
BNA_F
ClientSampleId :
PB133460BL

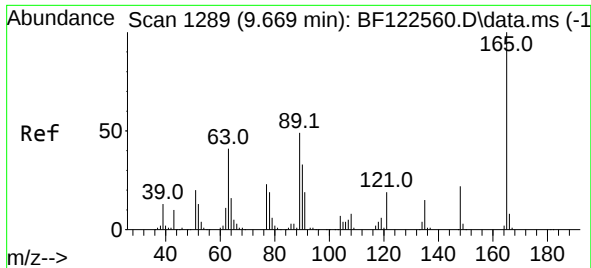
Tgt Ion:330 Resp: 928944
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 27.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 85.33 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Tgt Ion:172 Resp: 3007270
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.8 19.5 29.3

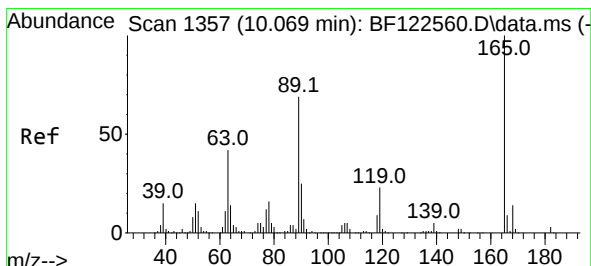
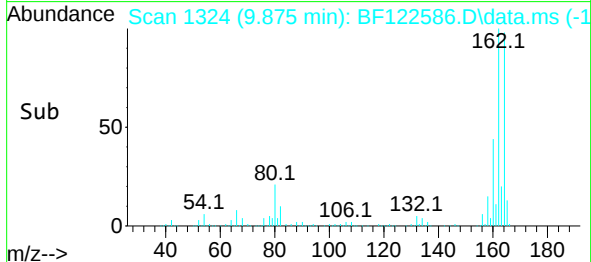
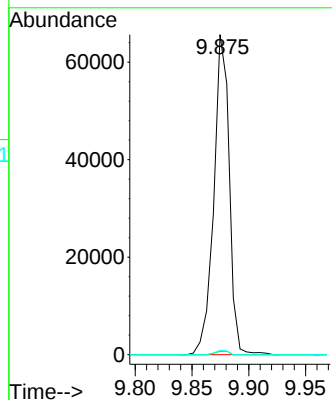
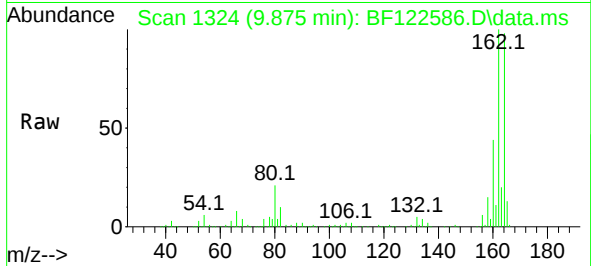




#51
2,6-Dinitrotoluene
Concen: 7.74 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

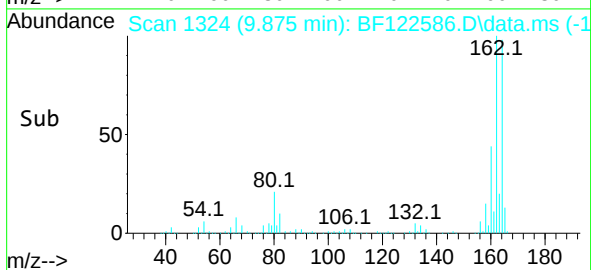
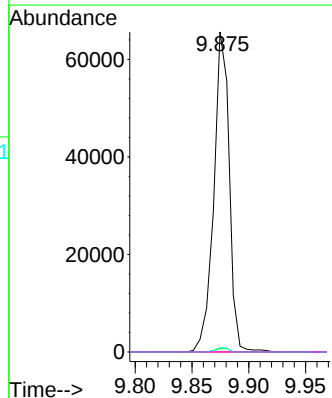
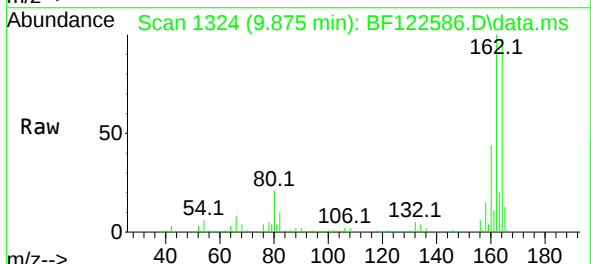
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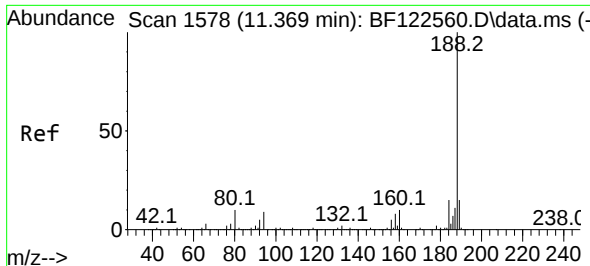
Tgt Ion:165 Resp: 62228
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Tgt Ion:165 Resp: 62228
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

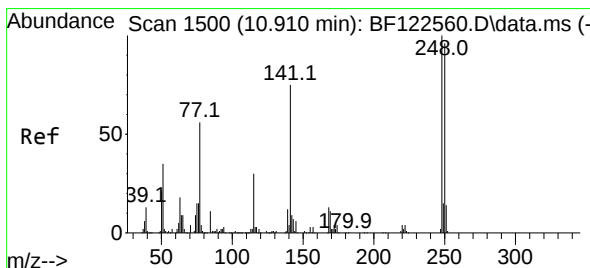
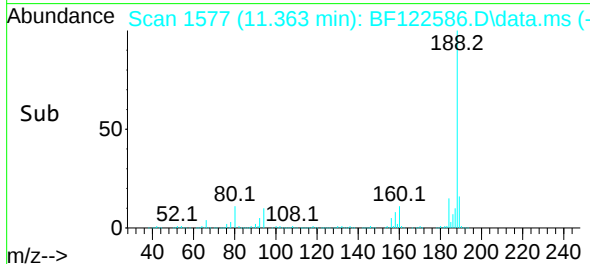
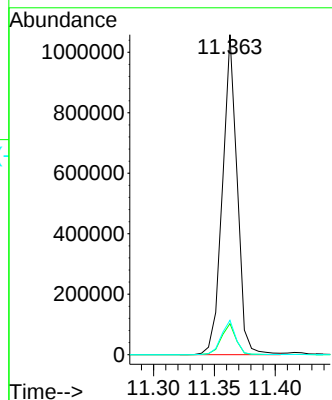
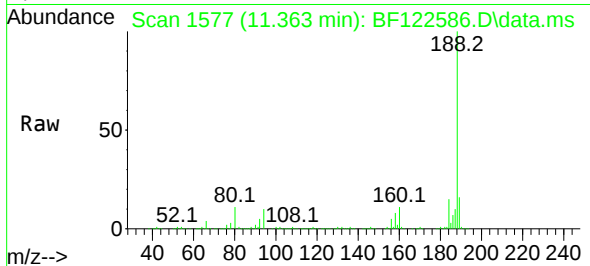




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

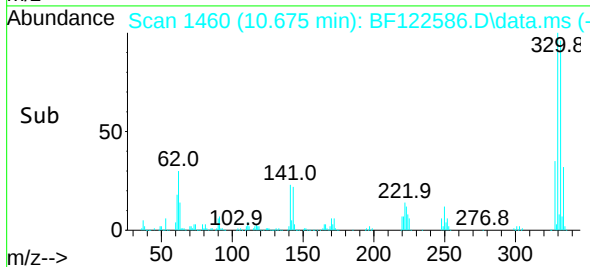
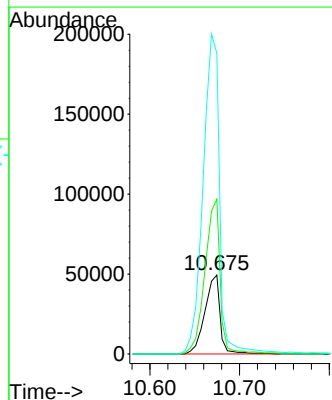
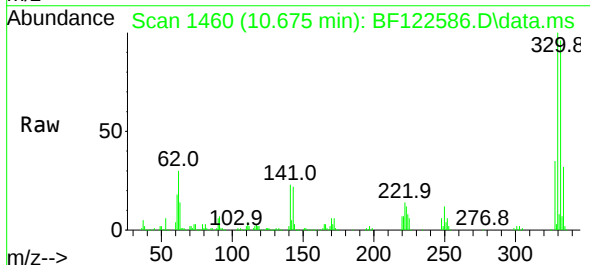
Instrument :
BNA_F
ClientSampleId :
PB133460BL

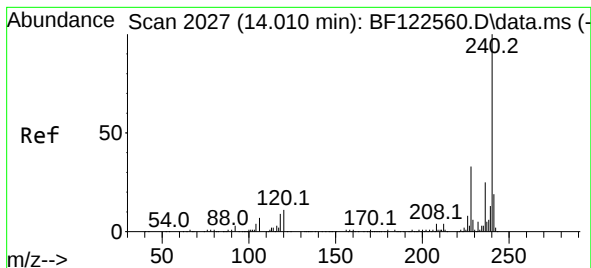
Tgt Ion:188 Resp: 891866
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.235 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Tgt Ion:248 Resp: 58173
Ion Ratio Lower Upper
248 100
250 196.5 76.8 115.2#
141 381.3 59.8 89.8#

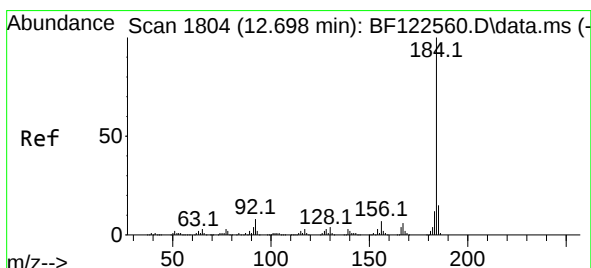
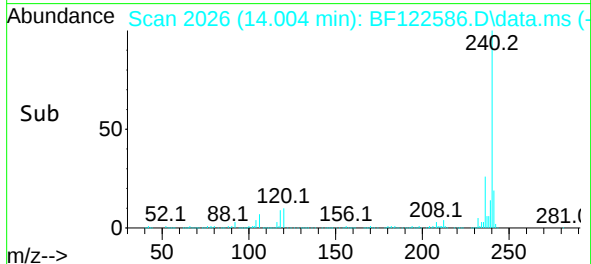
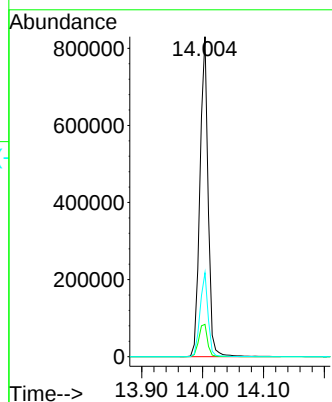
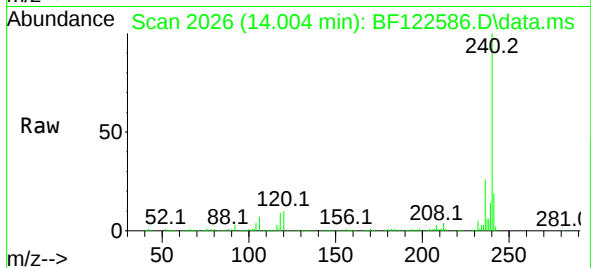




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

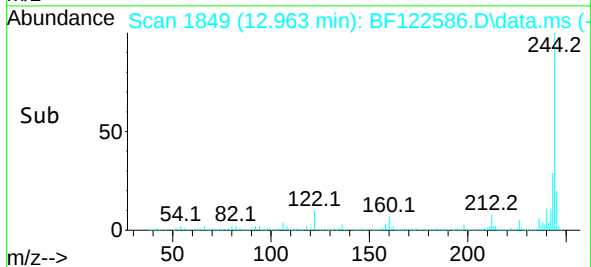
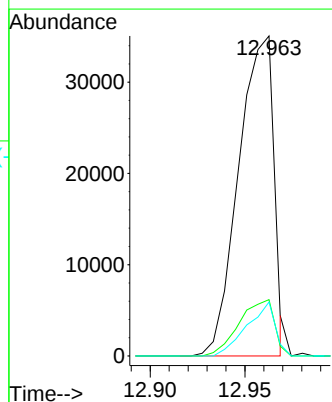
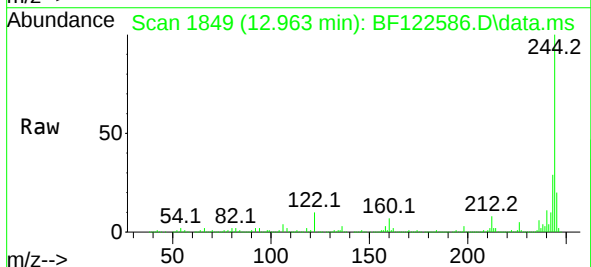
Instrument :
BNA_F
ClientSampleId :
PB133460BL

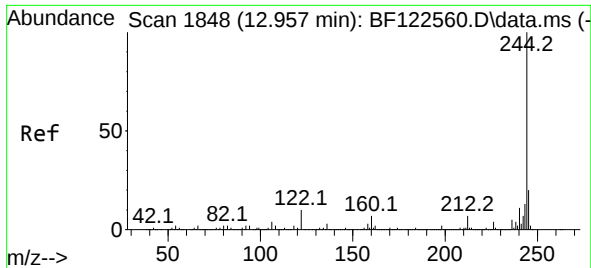
Tgt Ion:240 Resp: 775531
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 26.2 20.3 30.5



#77
Benzidine
Concen: 2.70 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.265 min
Lab File: BF122586.D
Acq: 8 Dec 2020 13:38

Tgt Ion:184 Resp: 45304
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6
183 16.9 9.7 14.5#

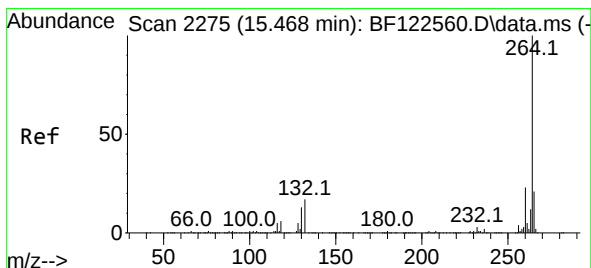
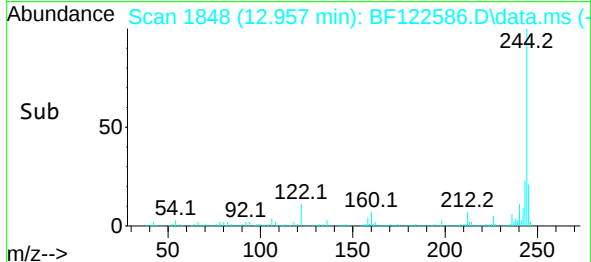
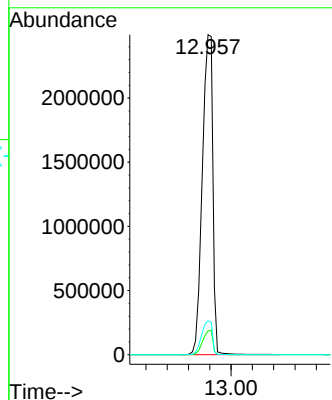
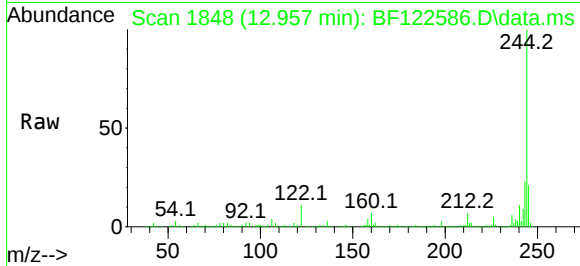




#79
 Terphenyl-d14
 Concen: 76.73 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF122586.D
 Acq: 8 Dec 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB133460BL

Tgt Ion:244 Resp: 3399417
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF122586.D
 Acq: 8 Dec 2020 13:38

Tgt Ion:264 Resp: 668284
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.2 17.0 25.6

