

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122643.D
 Acq On : 10 Dec 2020 12:21
 Operator : JU/CG
 Sample : PB133474TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133511BL

Quant Time: Dec 10 14:16:52 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	188447	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	779732	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	432658	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	839110	20.00	ng	0.00
76) Chrysene-d12	14.004	240	714232	20.00	ng	0.00
86) Perylene-d12	15.468	264	631512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1518251	127.55	ng	0.02
7) Phenol-d6	6.475	99	1932220	122.40	ng	0.00
23) Nitrobenzene-d5	7.404	82	1245118	80.01	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	700854	123.75	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2235186	69.88	ng	0.00
79) Terphenyl-d14	12.957	244	2712363	66.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	164710	18.21	ng	Qvalue
25) Isophorone	7.404	82	1232779	45.99	ng	# 78
51) 2,6-Dinitrotoluene	9.875	165	55418	7.59	ng	# 65
57) 2,4-Dinitrotoluene	9.875	165	55418	5.70	ng	# 31
67) 4-Bromophenyl-phenylether	10.669	248	42293	3.72	ng	# 26
77) Benzidine	12.957	184	33926	2.20	ng	# 1

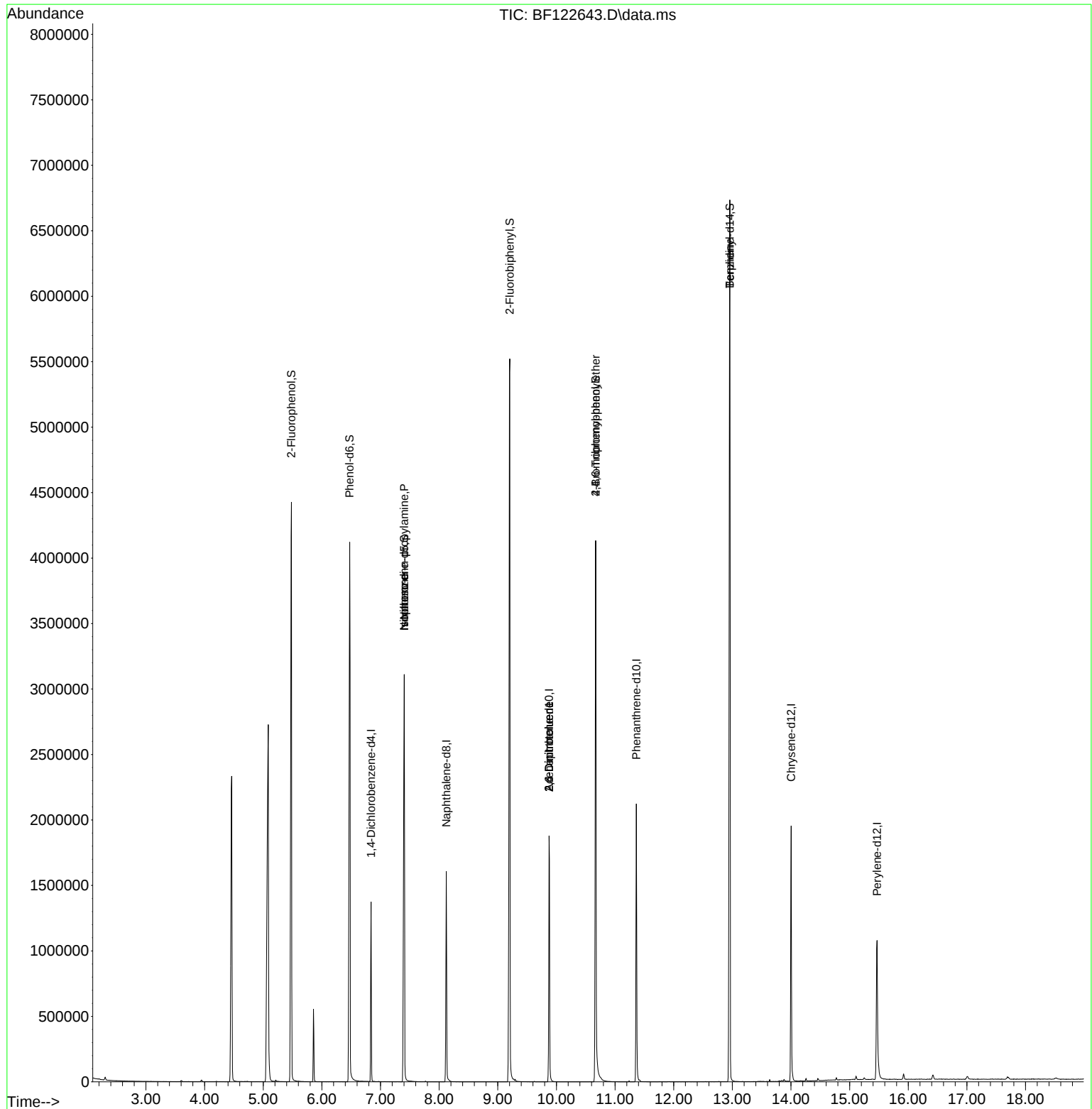
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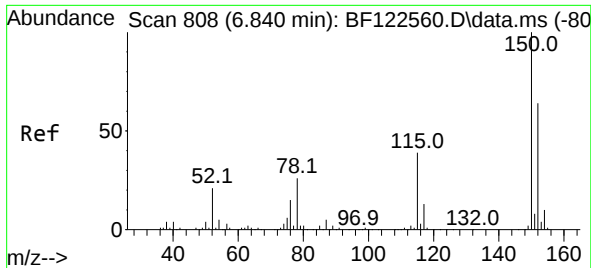
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

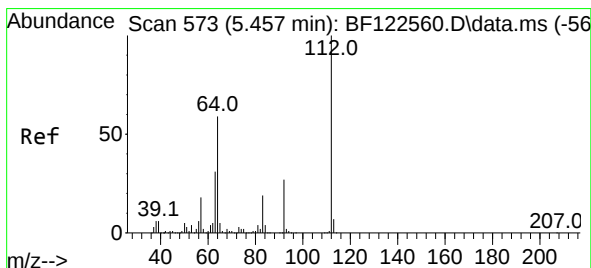
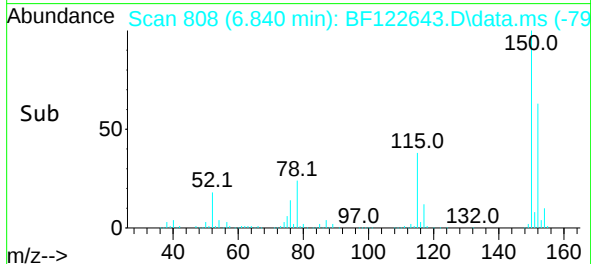
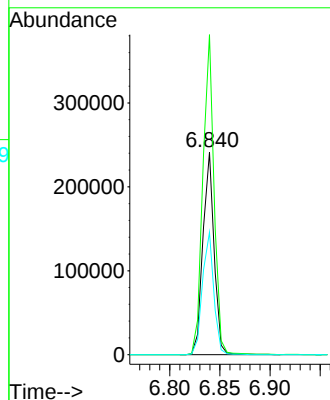
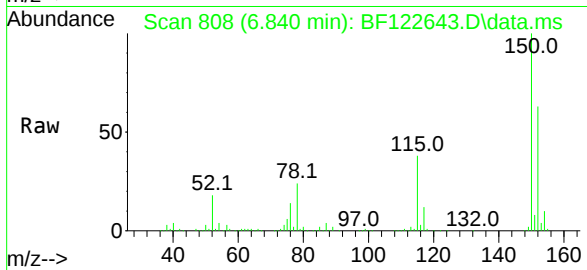




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

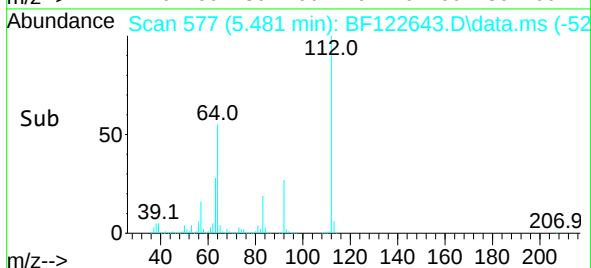
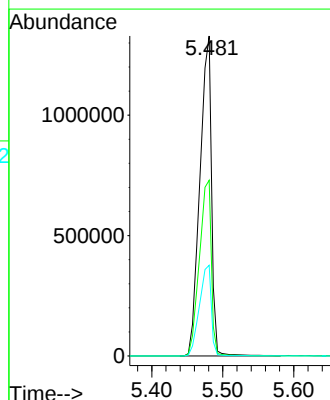
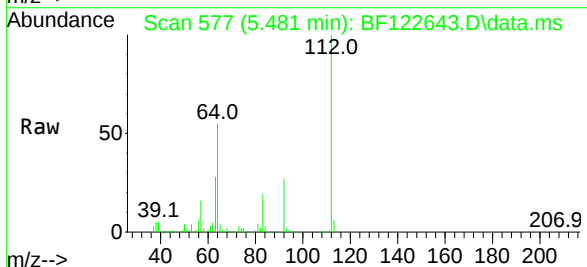
Instrument :
BNA_F
ClientSampleId :
PB133511BL

Tgt Ion:152 Resp: 188447
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 60.5 49.3 73.9



#5
2-Fluorophenol
Concen: 127.55 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.023 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

Tgt Ion:112 Resp: 1518251
Ion Ratio Lower Upper
112 100
64 54.9 46.9 70.3
63 28.3 24.5 36.7

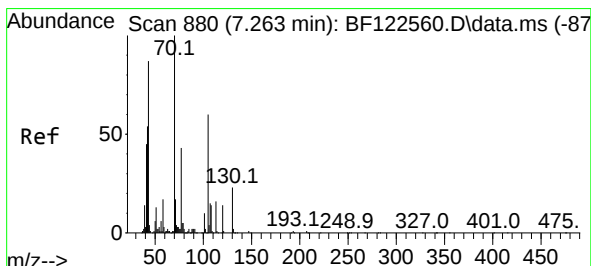
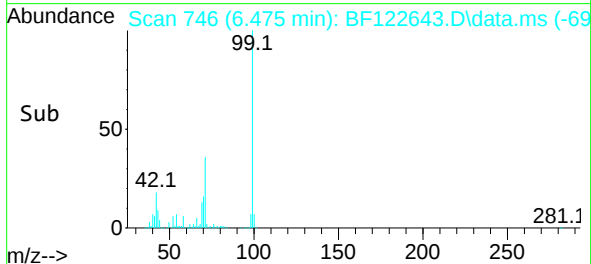
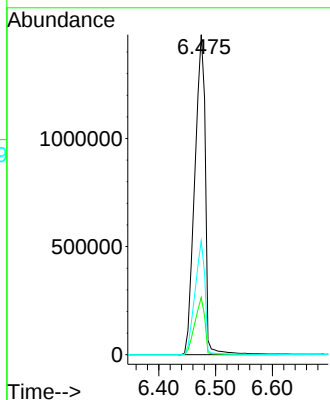
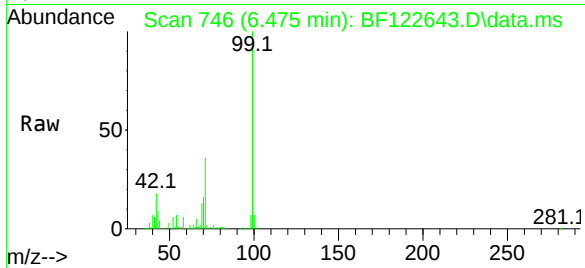




#7
Phenol-d6
Concen: 122.40 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

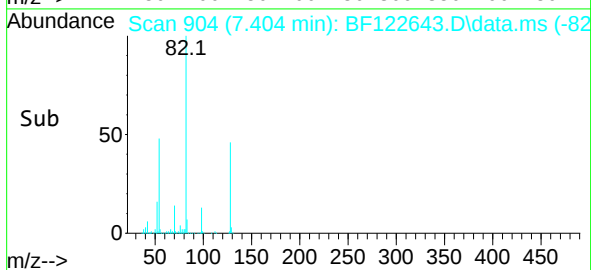
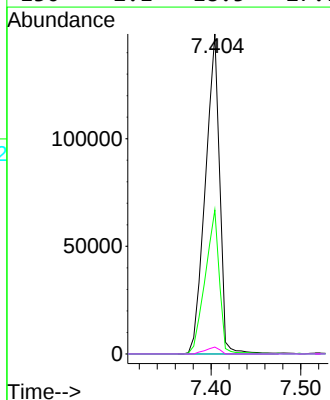
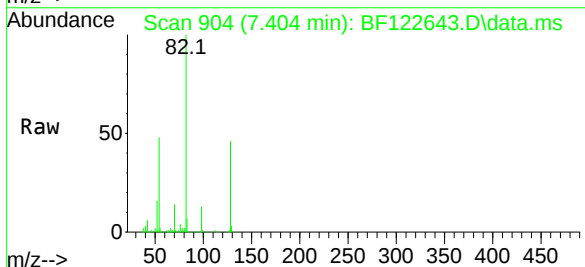
Instrument :
BNA_F
ClientSampleId :
PB133511BL

Tgt Ion: 99 Resp: 1932220
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.6
71 35.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.21 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

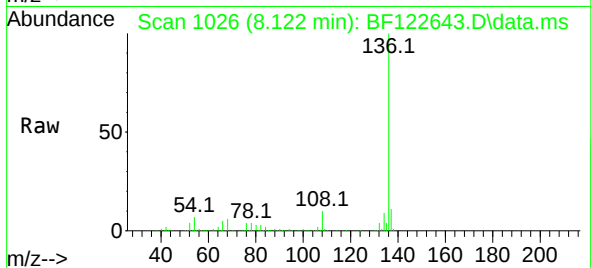
Tgt Ion: 70 Resp: 164710
Ion Ratio Lower Upper
70 100
42 45.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



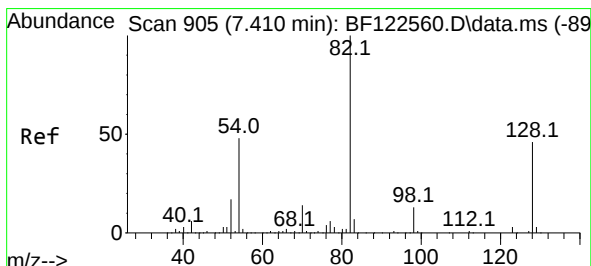
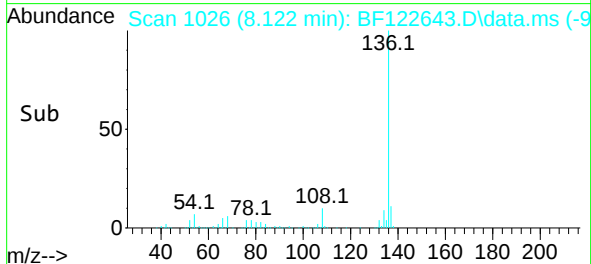
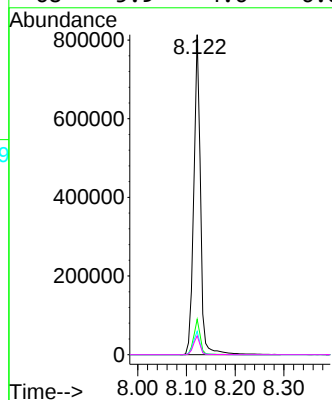


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

Instrument :
BNA_F
ClientSampleId :
PB133511BL

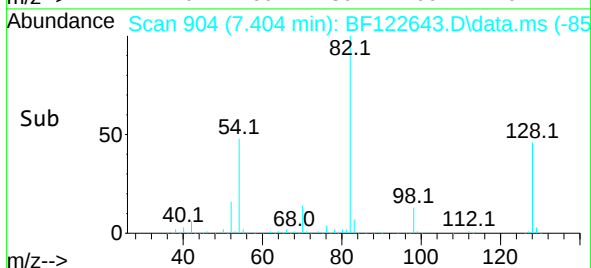
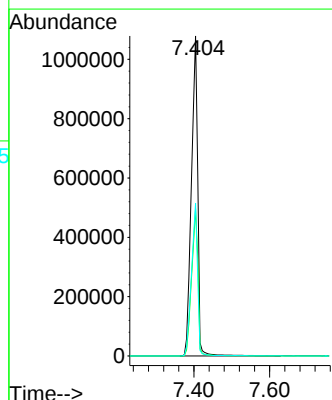
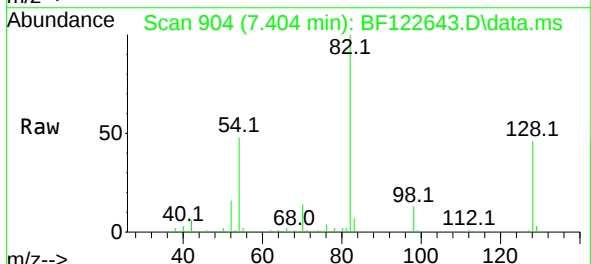


Tgt Ion:136 Resp: 779732
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 5.5 8.3
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 80.01 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

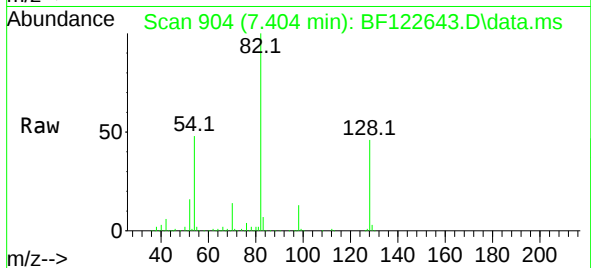
Tgt Ion: 82 Resp: 1245118
Ion Ratio Lower Upper
82 100
128 46.0 37.0 55.4
54 47.8 38.4 57.6



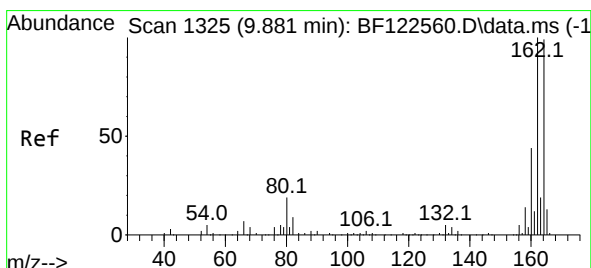
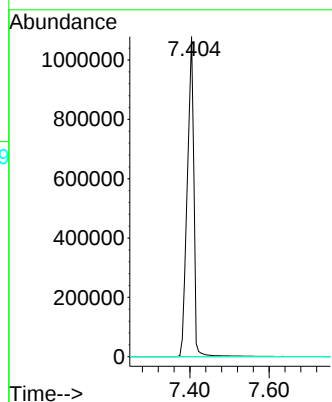
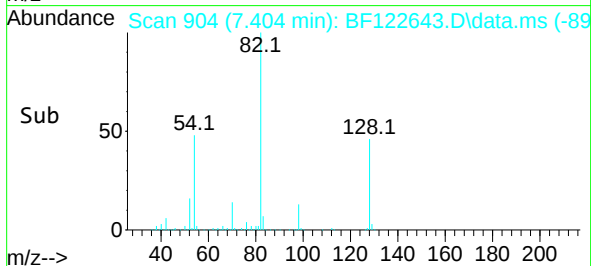


#25
Isophorone
Concen: 45.99 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

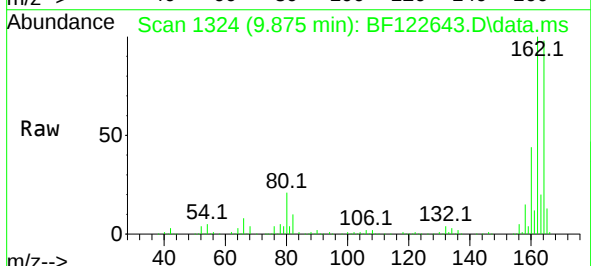
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BNA_F
ClientSampleId :
PB133511BL



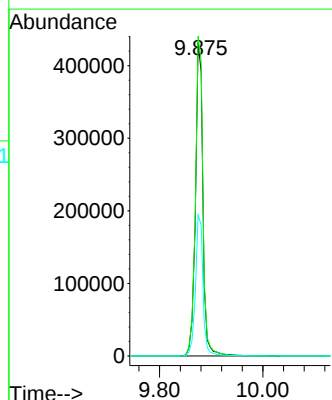
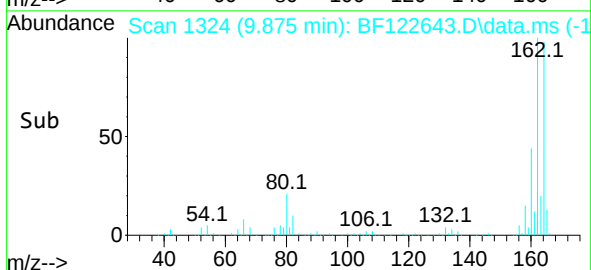
Tgt Ion: 82 Resp: 1232779
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

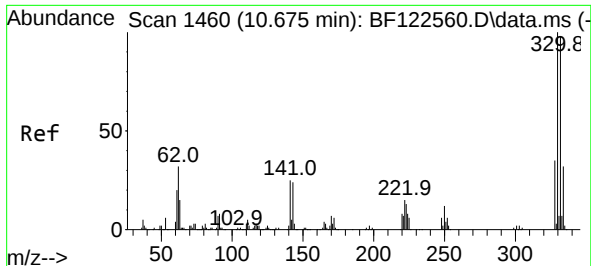


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21



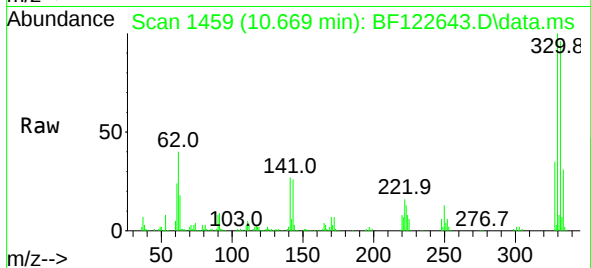
Tgt Ion: 164 Resp: 432658
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.9 35.4 53.0



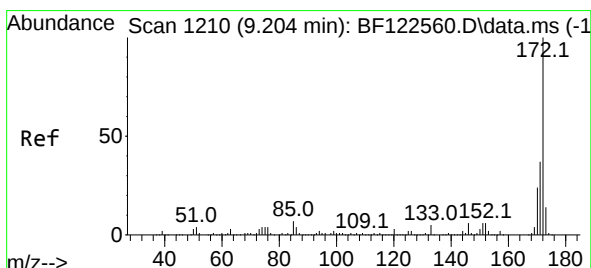
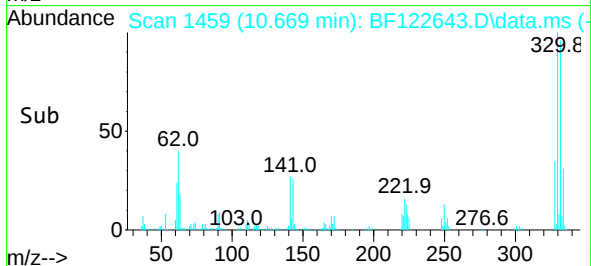
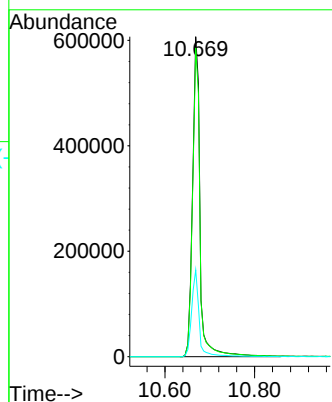


#42
2,4,6-Tribromophenol
Concen: 123.75 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

Instrument :
BNA_F
ClientSampleId :
PB133511BL

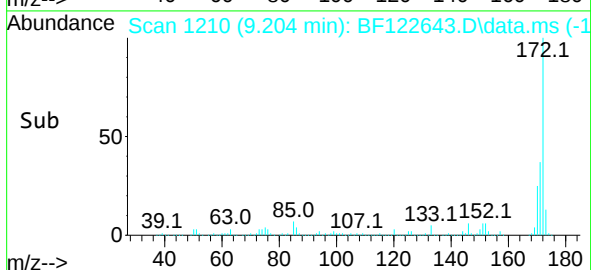
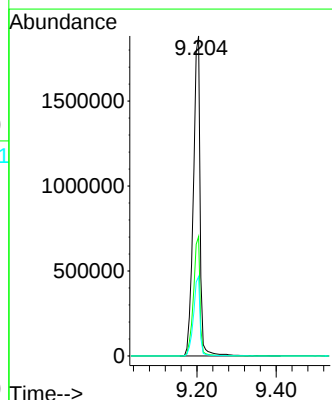
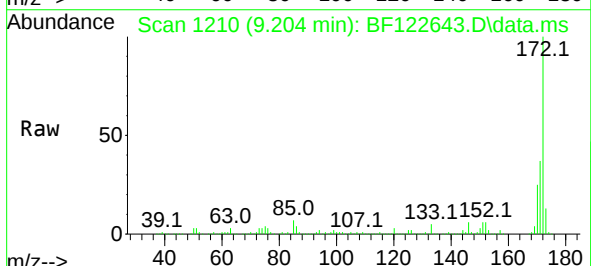


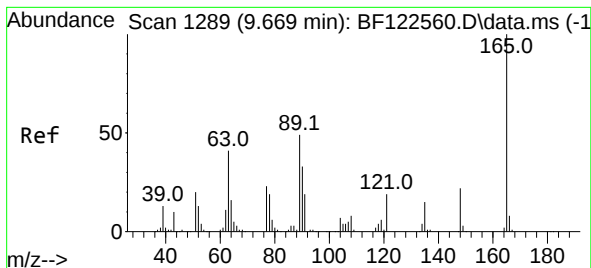
Tgt Ion: 330 Resp: 700854
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 27.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 69.88 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

Tgt Ion: 172 Resp: 2235186
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.8 19.5 29.3

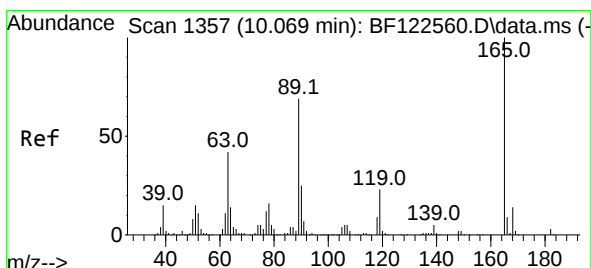
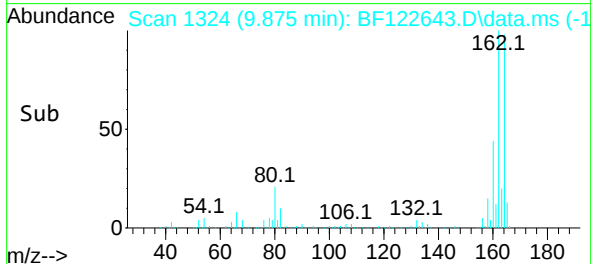
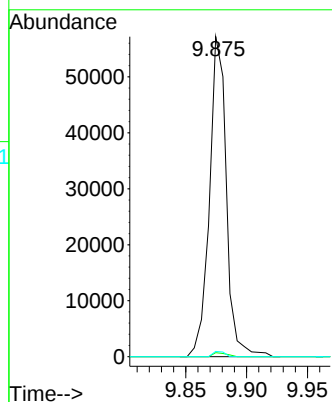
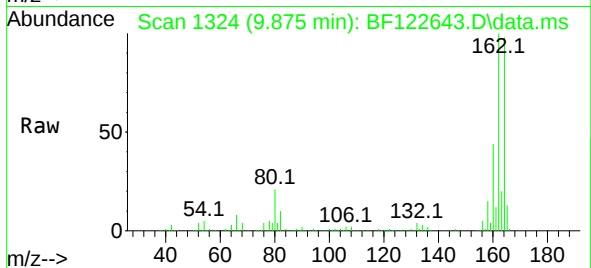




#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

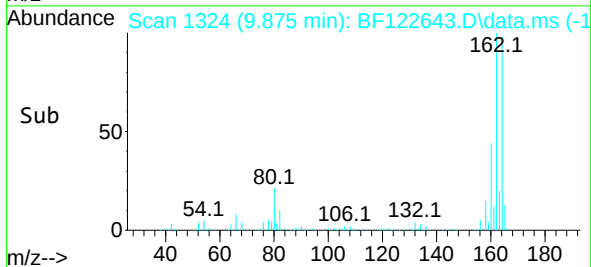
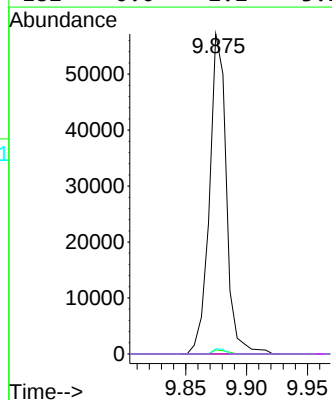
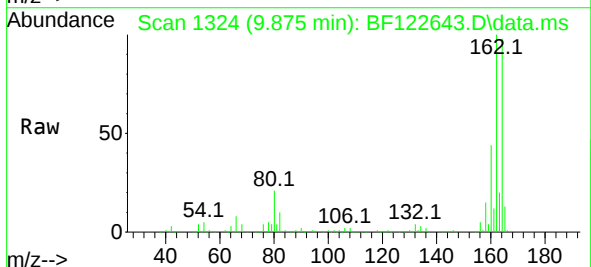
Instrument :
BNA_F
ClientSampleId :
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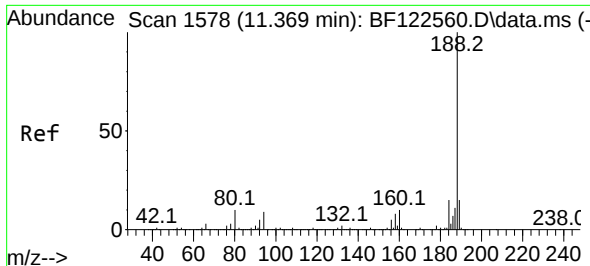
Tgt Ion:165 Resp: 55418
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

Tgt Ion:165 Resp: 55418
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

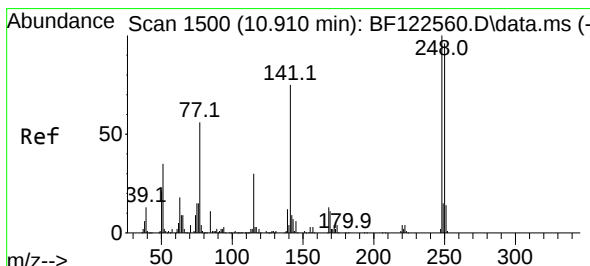
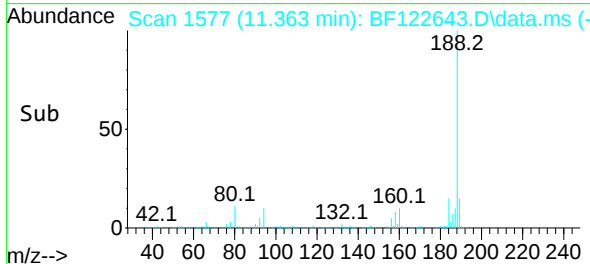
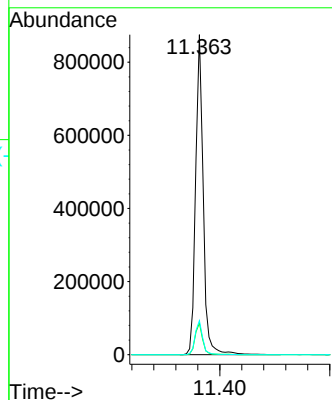
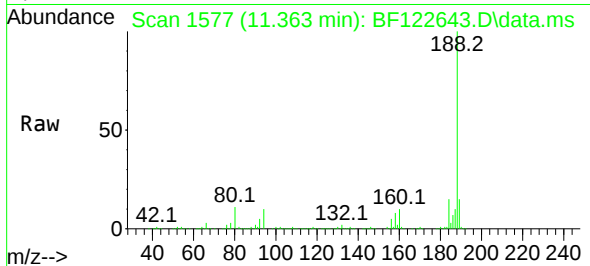




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

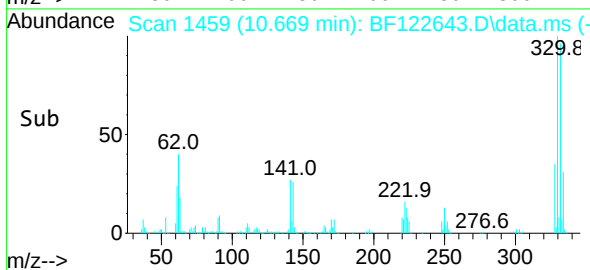
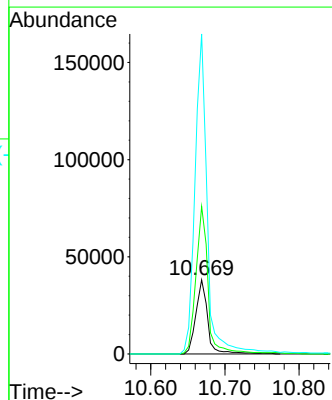
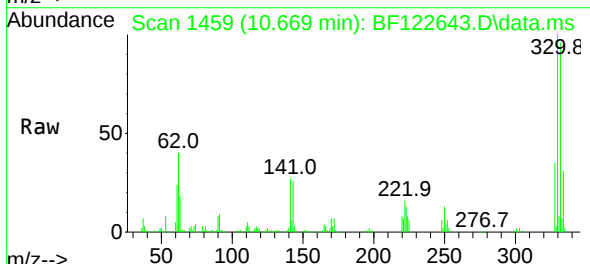
Instrument :
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PB133511BL

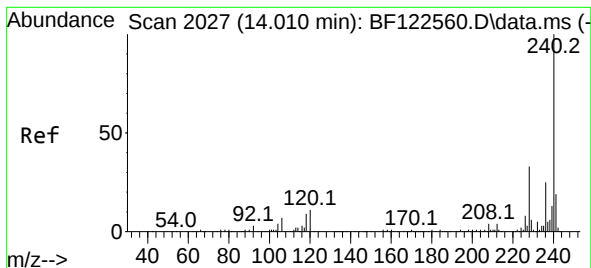
Tgt Ion:188 Resp: 839110
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

Tgt Ion:248 Resp: 42293
Ion Ratio Lower Upper
248 100
250 199.0 76.8 115.2#
141 431.9 59.8 89.8#

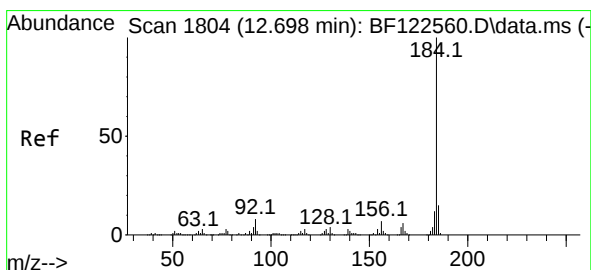
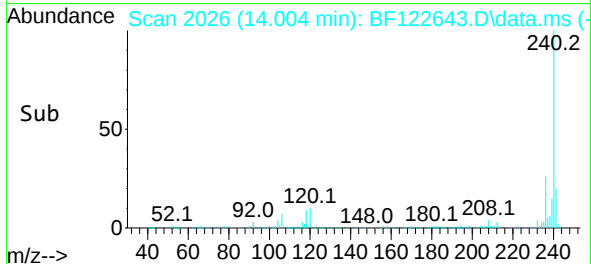
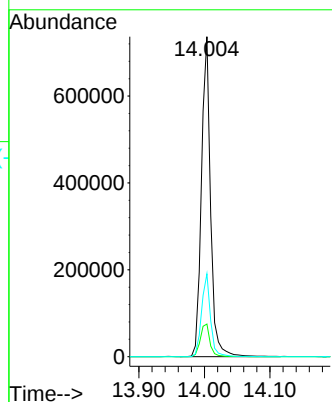
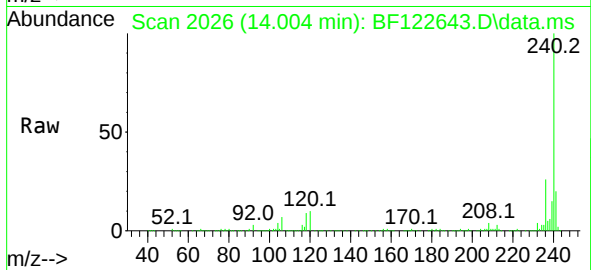




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

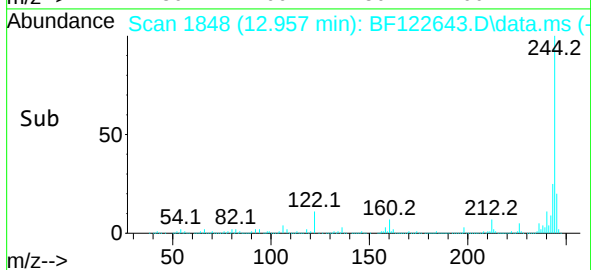
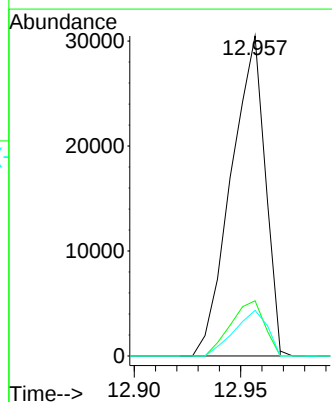
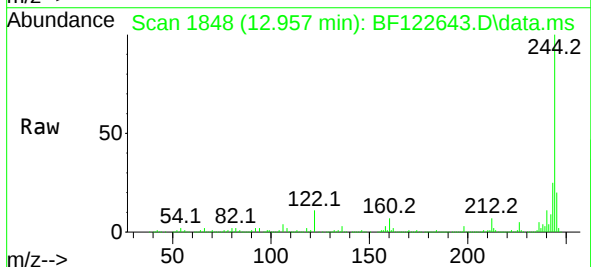
Instrument :
BNA_F
ClientSampleId :
PB133511BL

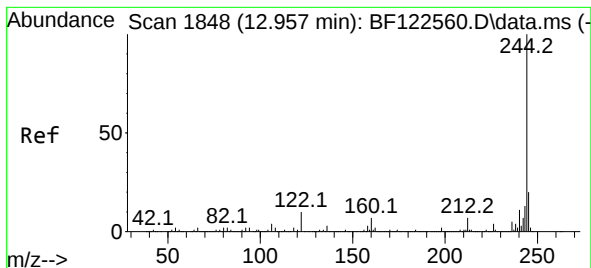
Tgt Ion:240 Resp: 714232
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.20 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF122643.D
Acq: 10 Dec 2020 12:21

Tgt Ion:184 Resp: 33926
Ion Ratio Lower Upper
184 100
185 17.2 11.8 17.6
183 14.2 9.7 14.5





#79

Terphenyl-d14

Concen: 66.47 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF122643.D

Acq: 10 Dec 2020 12:21

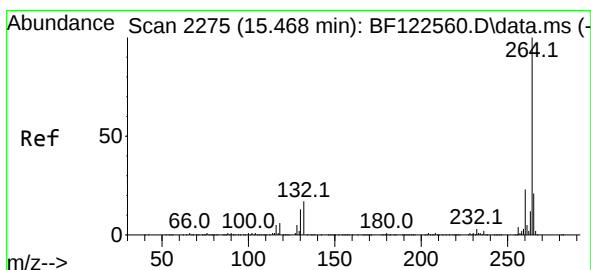
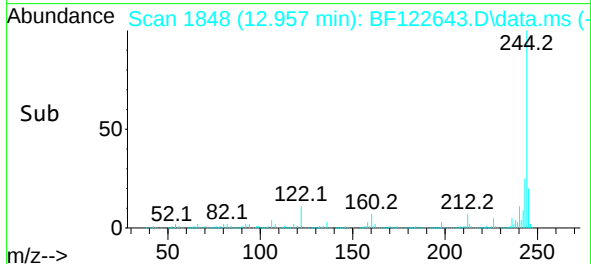
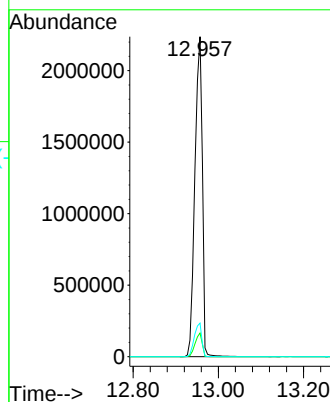
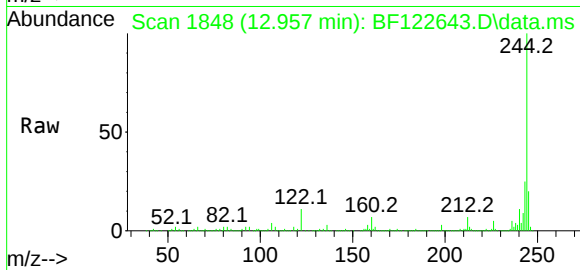
Tgt Ion:244 Resp: 2712363

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: BF122643.D

Acq: 10 Dec 2020 12:21

Tgt Ion:264 Resp: 631512

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.0 17.0 25.6

