

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122646.D
 Acq On : 10 Dec 2020 15:00
 Operator : JU/CG
 Sample : PB133503TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133503TB

Quant Time: Dec 10 16:05:42 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)

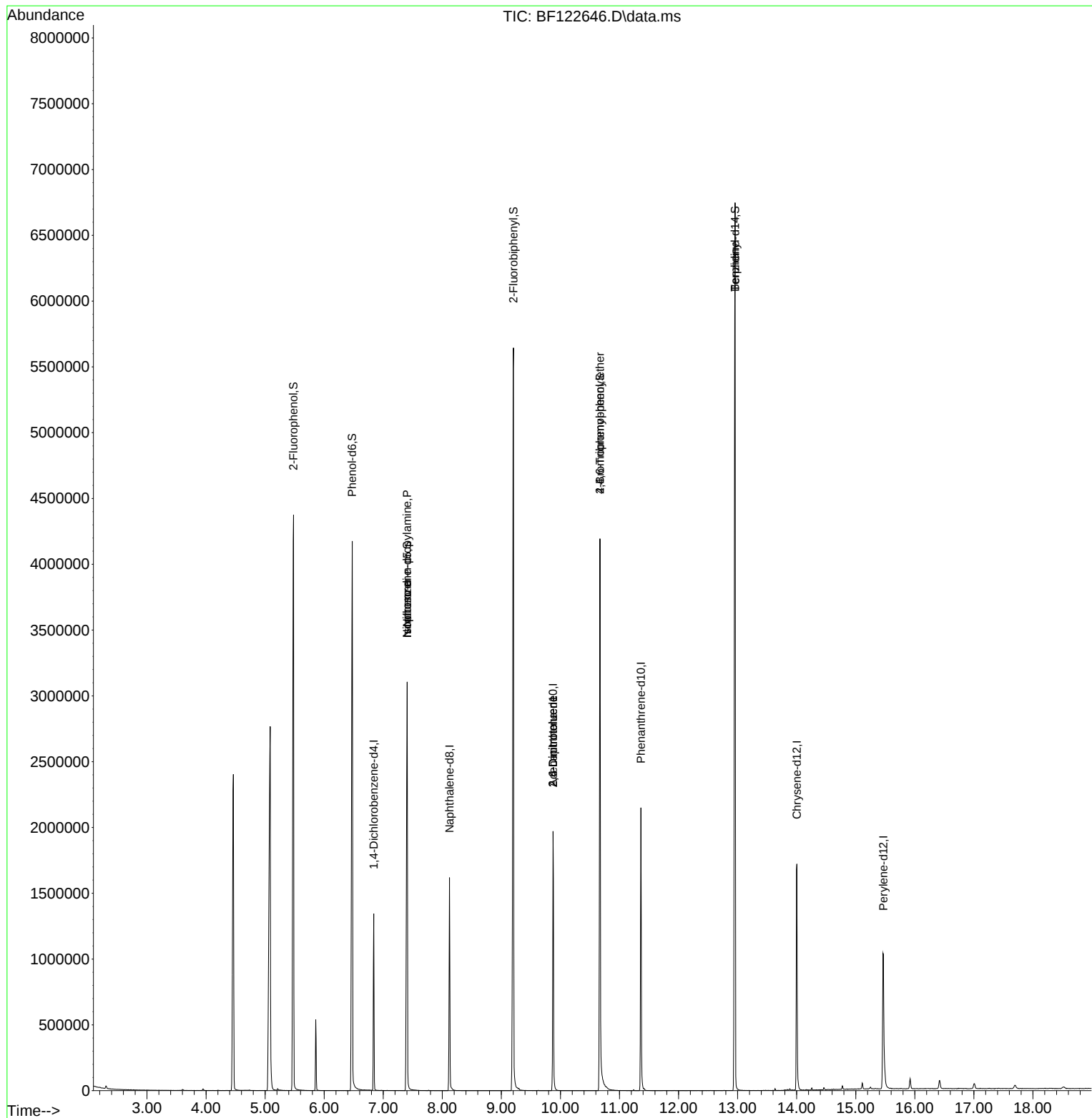
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	195602	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	778698	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	439262	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	856380	20.00	ng	0.00
76) Chrysene-d12	14.004	240	723341	20.00	ng	0.00
86) Perylene-d12	15.468	264	628863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1538577	124.53	ng	0.02
7) Phenol-d6	6.475	99	1959405	119.58	ng	0.00
23) Nitrobenzene-d5	7.404	82	1258970	81.00	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	697963	121.39	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2237327	68.89	ng	0.00
79) Terphenyl-d14	12.957	244	2694863	65.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	167344	17.83	ng	Qvalue # 77
25) Isophorone	7.404	82	1242849	46.43	ng	# 65
51) 2,6-Dinitrotoluene	9.874	165	56497	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	56497	5.72	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	41787	3.60	ng	# 1
77) Benzidine	12.957	184	34783	2.22	ng	# 92

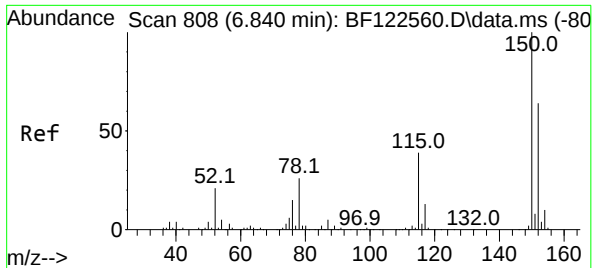
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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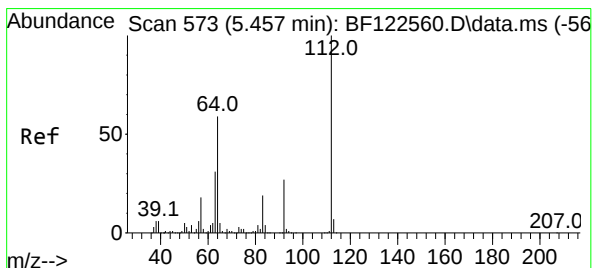
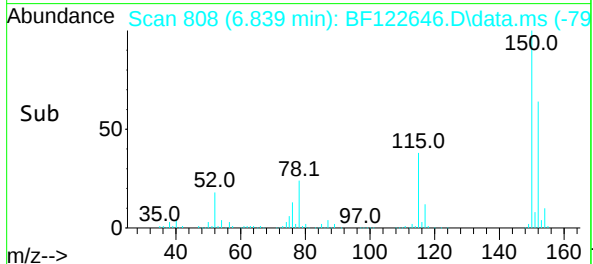
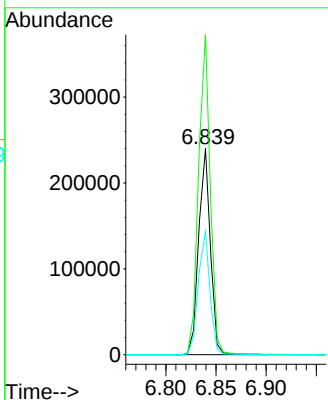
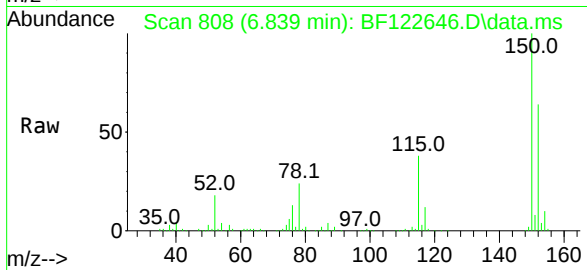




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

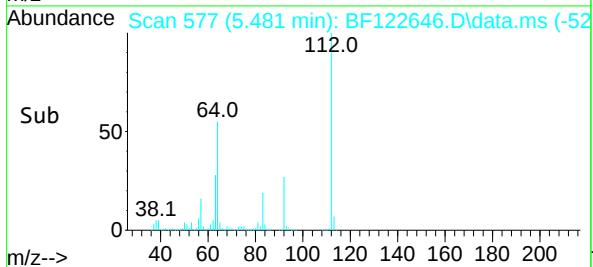
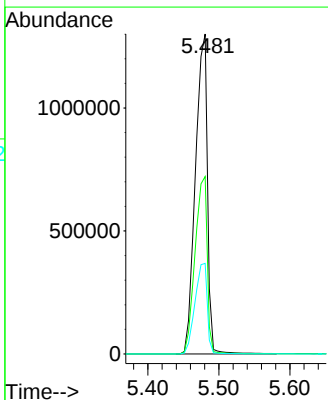
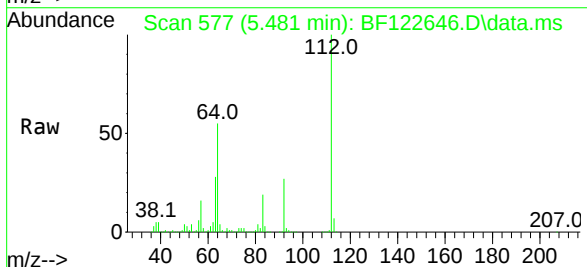
Instrument :
BNA_F
ClientSampleId :
PB133503TB

Tgt Ion:152 Resp: 195602
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 59.6 49.3 73.9



#5
2-Fluorophenol
Concen: 124.53 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.023 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion:112 Resp: 1538577
Ion Ratio Lower Upper
112 100
64 55.5 46.9 70.3
63 28.3 24.5 36.7

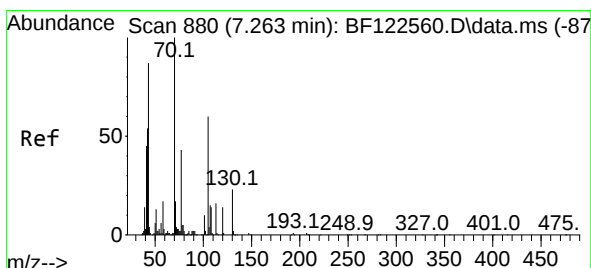
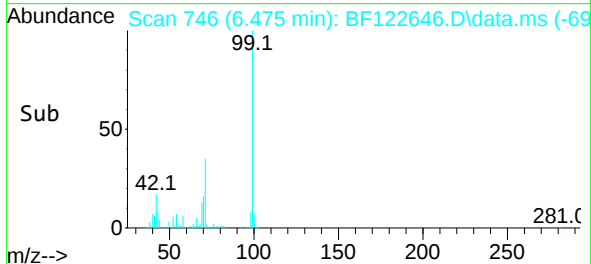
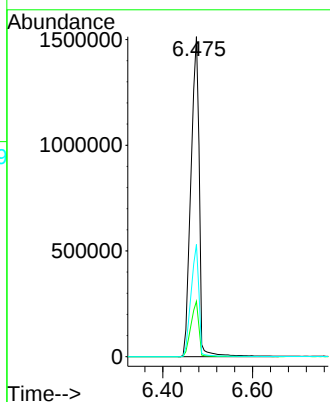
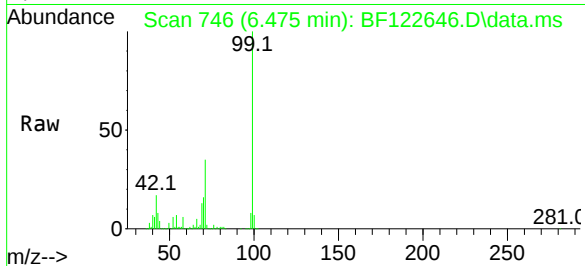




#7
Phenol-d6
Concen: 119.58 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

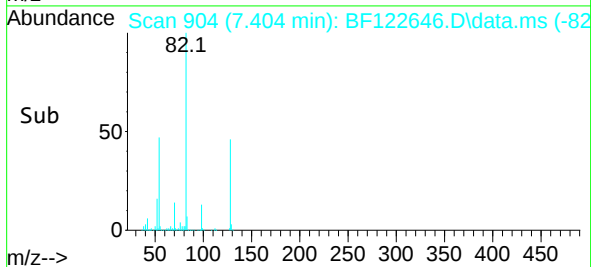
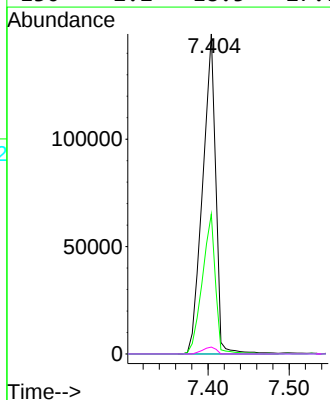
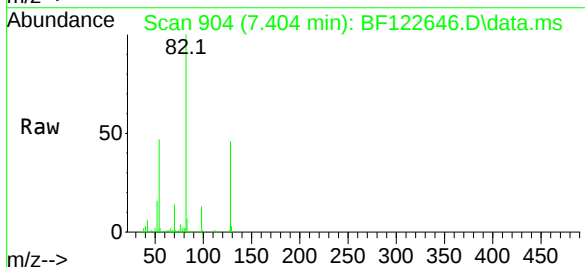
Instrument :
BNA_F
ClientSampleId :
PB133503TB

Tgt Ion: 99 Resp: 1959405
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 35.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.83 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

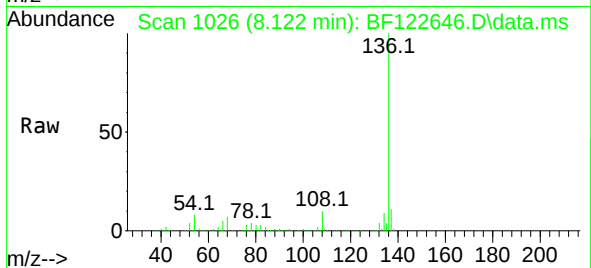
Tgt Ion: 70 Resp: 167344
Ion Ratio Lower Upper
70 100
42 43.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



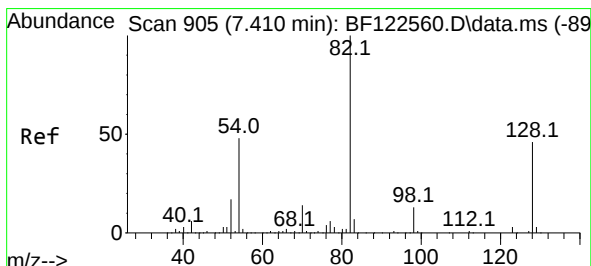
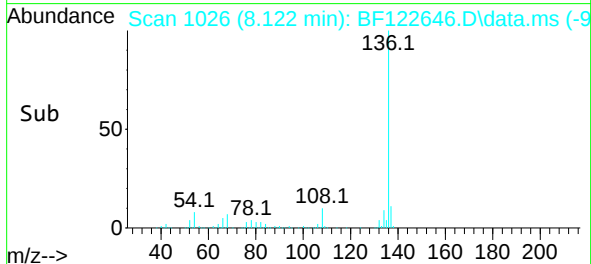
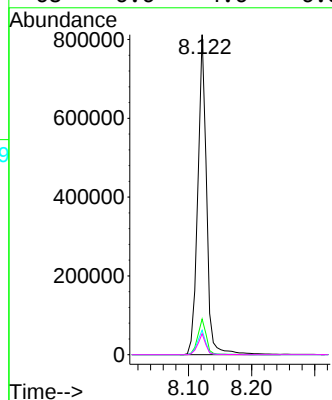


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Instrument :
BNA_F
ClientSampleId :
PB133503TB

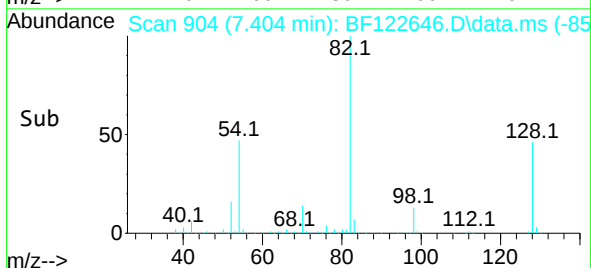
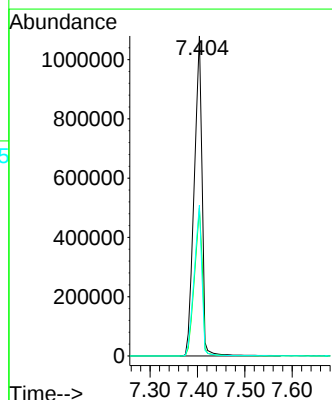
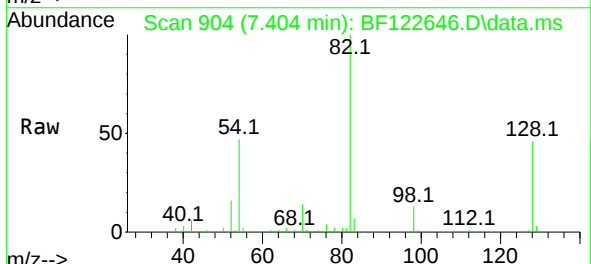


Tgt Ion:136 Resp: 778698
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 5.5 8.3
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.00 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

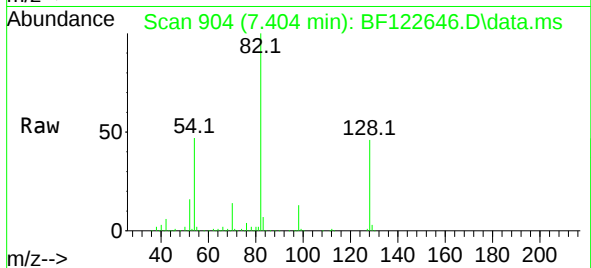
Tgt Ion: 82 Resp: 1258970
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 47.1 38.4 57.6



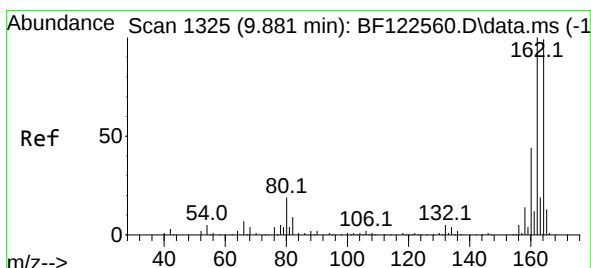
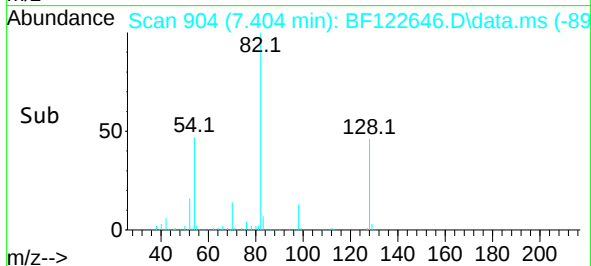
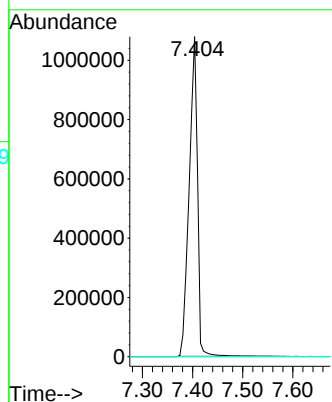


#25
Isophorone
Concen: 46.43 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Instrument :
BNA_F
ClientSampleId :
PB133503TB

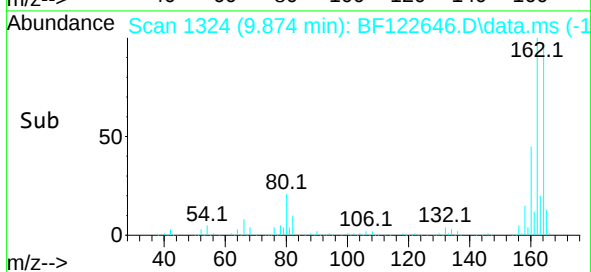
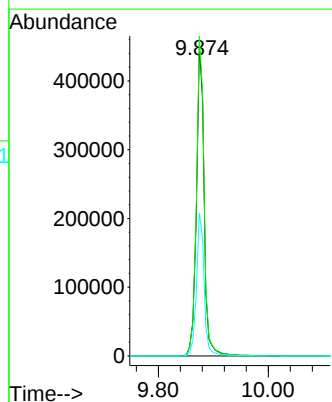
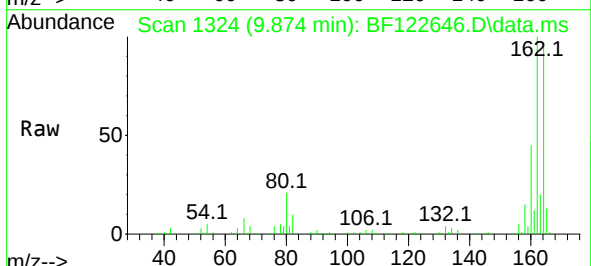


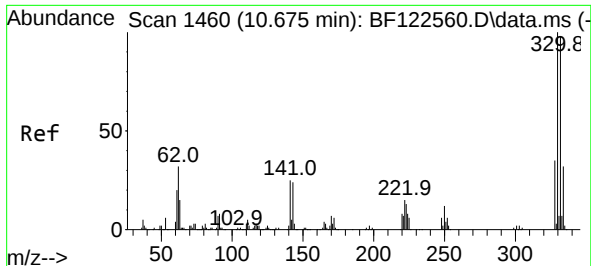
Tgt Ion: 82 Resp: 1242849
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion: 164 Resp: 439262
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 46.0 35.4 53.0

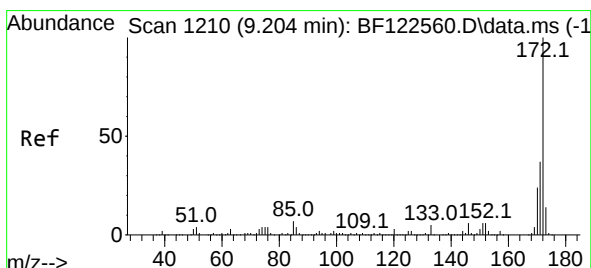
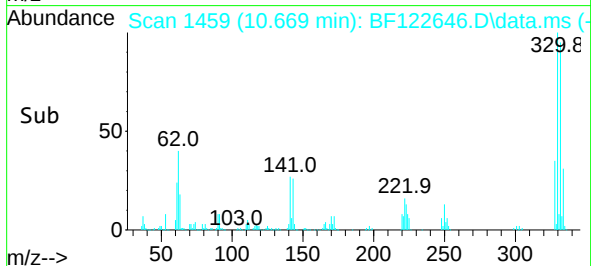
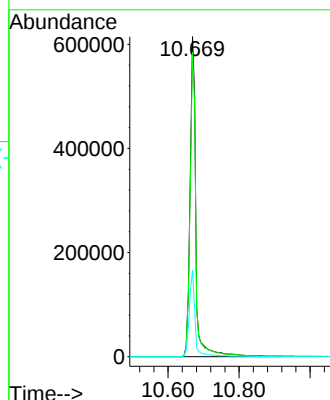
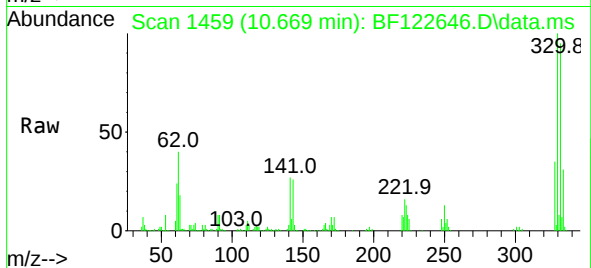




#42
2,4,6-Tribromophenol
Concen: 121.39 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

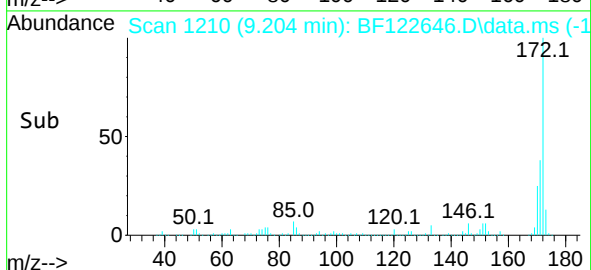
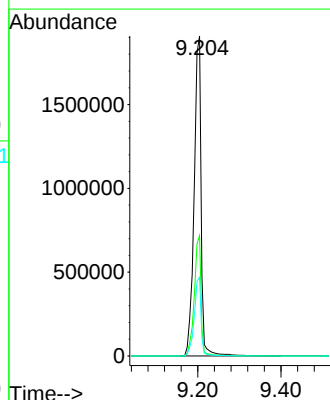
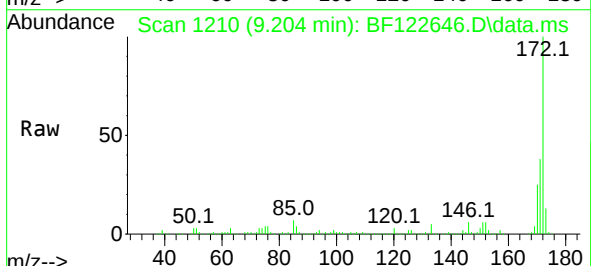
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ClientSampleId :
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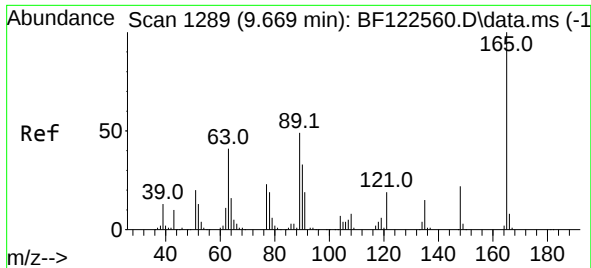
Tgt Ion: 330 Resp: 697963
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 27.5 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 68.89 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion: 172 Resp: 2237327
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 24.6 19.5 29.3

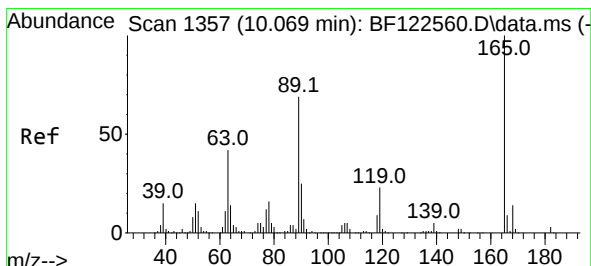
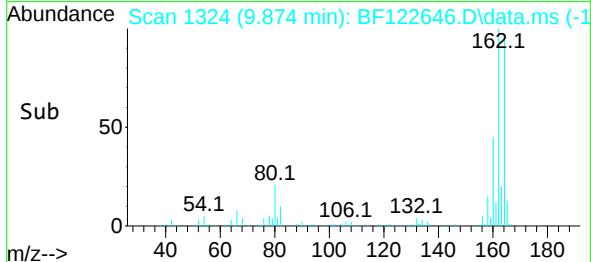
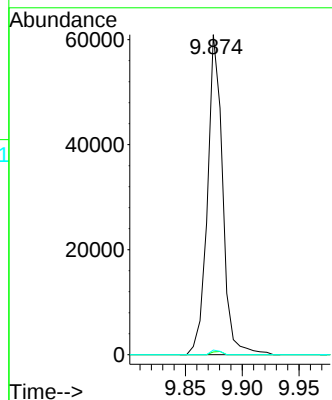
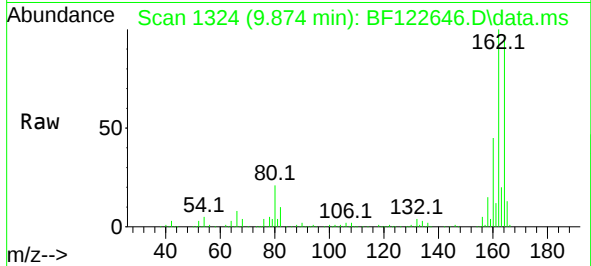




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

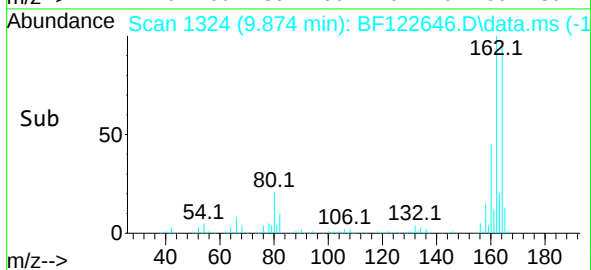
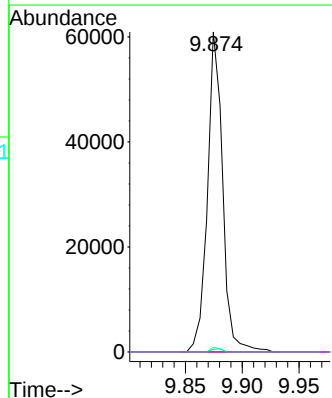
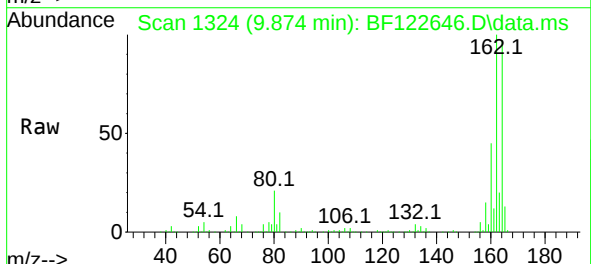
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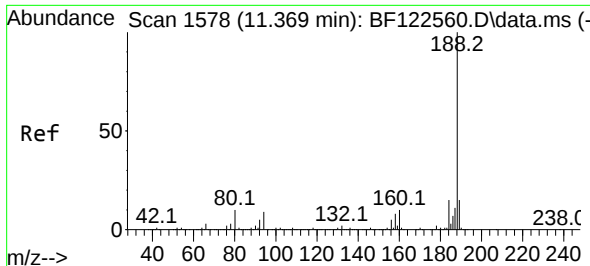
Tgt Ion:165 Resp: 56497
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion:165 Resp: 56497
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

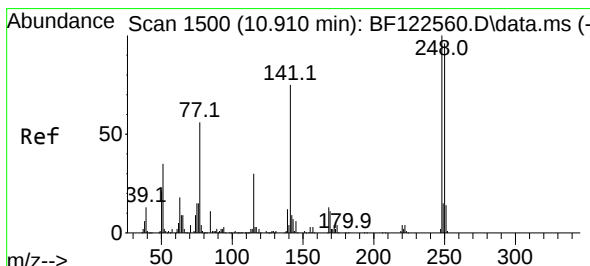
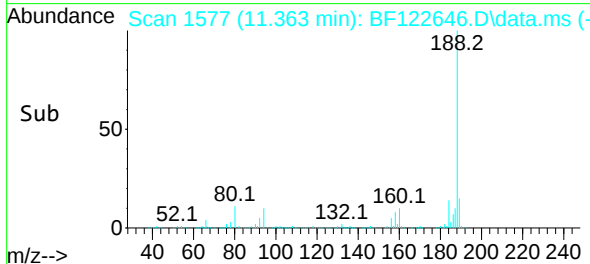
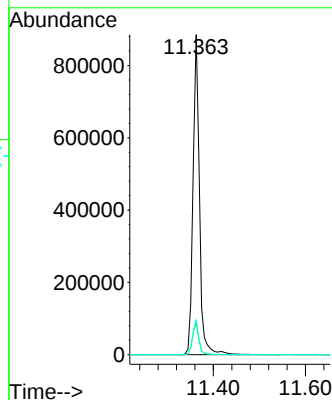
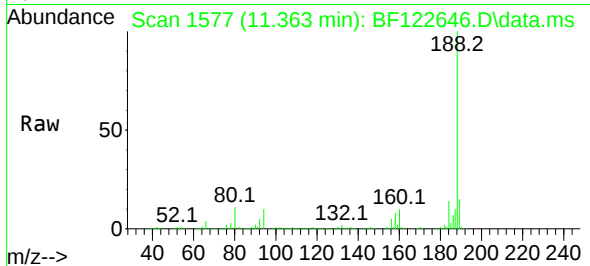




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

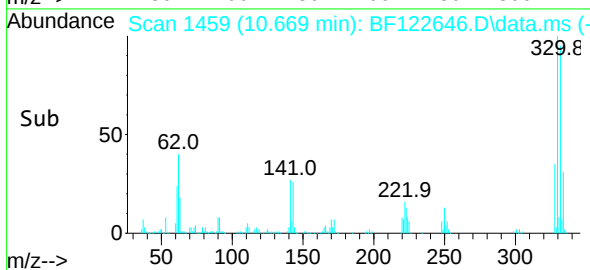
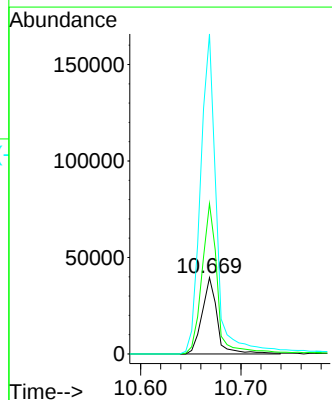
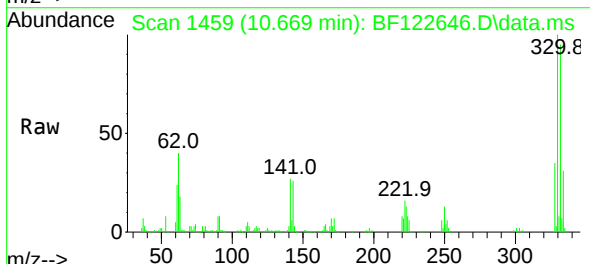
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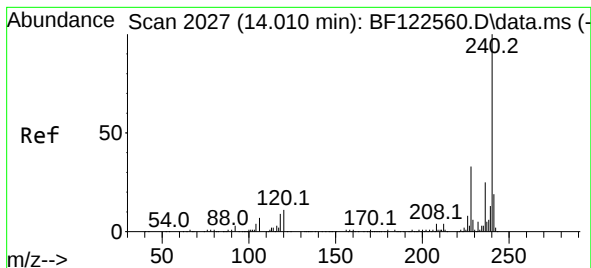
Tgt Ion:188 Resp: 856380
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.9 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion:248 Resp: 41787
Ion Ratio Lower Upper
248 100
250 197.0 76.8 115.2#
141 419.3 59.8 89.8#

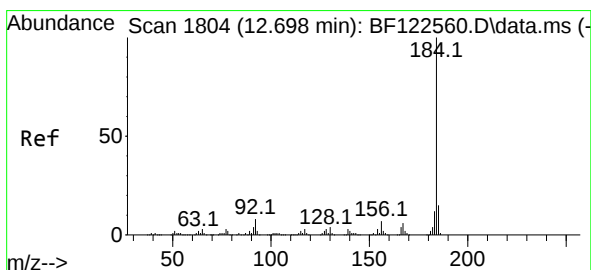
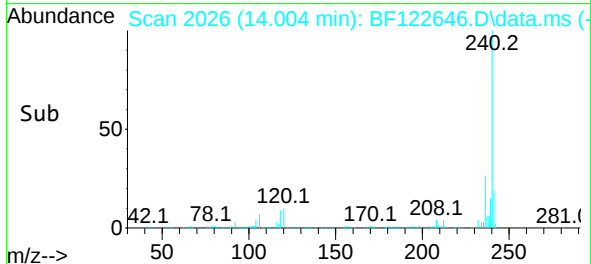
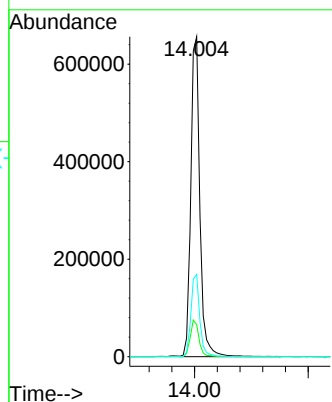
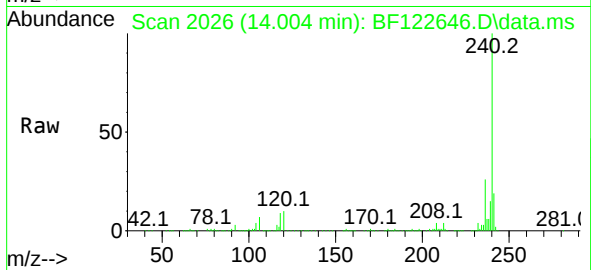




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

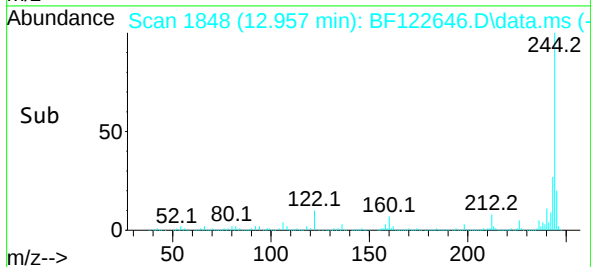
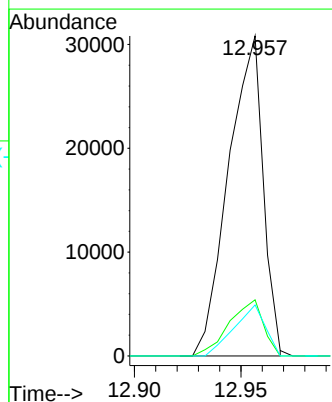
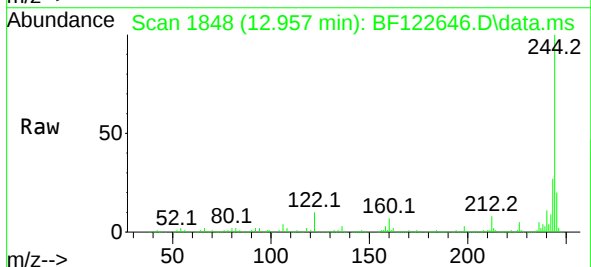
Instrument :
BNA_F
ClientSampleId :
PB133503TB

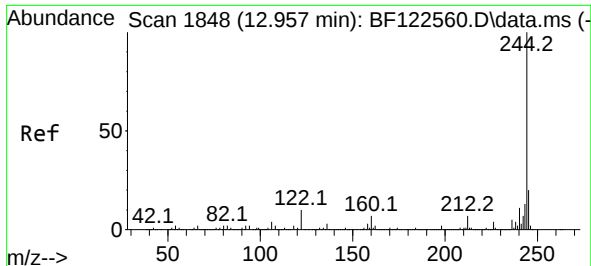
Tgt Ion:240 Resp: 723341
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.22 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion:184 Resp: 34783
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.6
183 16.0 9.7 14.5#

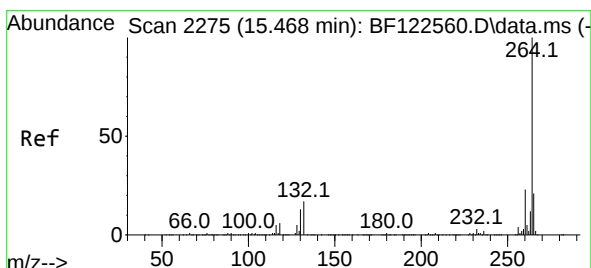
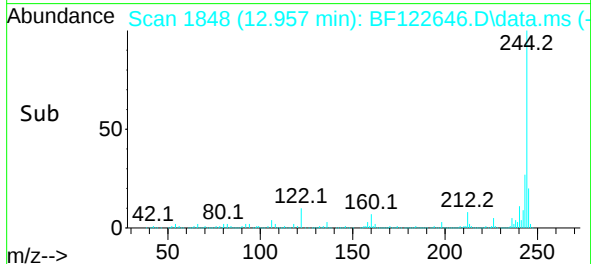
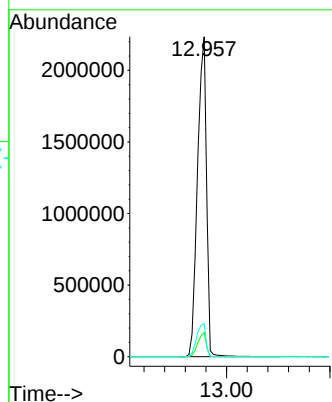
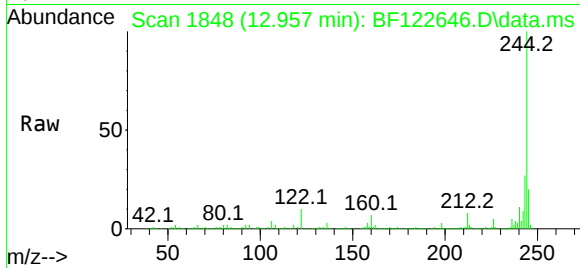




#79
Terphenyl-d14
Concen: 65.21 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF122646.D
Acq: 10 Dec 2020 15:00

Instrument :
BNA_F
ClientSampleId :
PB133503TB

Tgt Ion:244 Resp: 2694863
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.3 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: BF122646.D
Acq: 10 Dec 2020 15:00

Tgt Ion:264 Resp: 628863
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.0 17.0 25.6

