

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122606.D
 Acq On : 9 Dec 2020 11:00
 Operator : JU/CG
 Sample : PB133460BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133460BL

Quant Time: Dec 09 13:51:38 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	190928	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	754312	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	406580	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	760359	20.00	ng	0.00
76) Chrysene-d12	14.004	240	700024	20.00	ng	0.00
86) Perylene-d12	15.463	264	625961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1923004	159.45	ng	0.02
7) Phenol-d6	6.481	99	2378822	148.73	ng	0.00
23) Nitrobenzene-d5	7.404	82	1559826	103.60	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	802854	150.86	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2614281	86.97	ng	0.00
79) Terphenyl-d14	12.957	244	3038501	75.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	210509	22.98	ng	Qvalue
25) Isophorone	7.404	82	1542351	59.48	ng	# 77
51) 2,6-Dinitrotoluene	9.875	165	52541	7.66	ng	# 65
57) 2,4-Dinitrotoluene	9.875	165	52541	5.75	ng	# 31
67) 4-Bromophenyl-phenylether	10.669	248	50387	4.89	ng	# 25
77) Benzydine	12.957	184	40341	2.66	ng	# 1

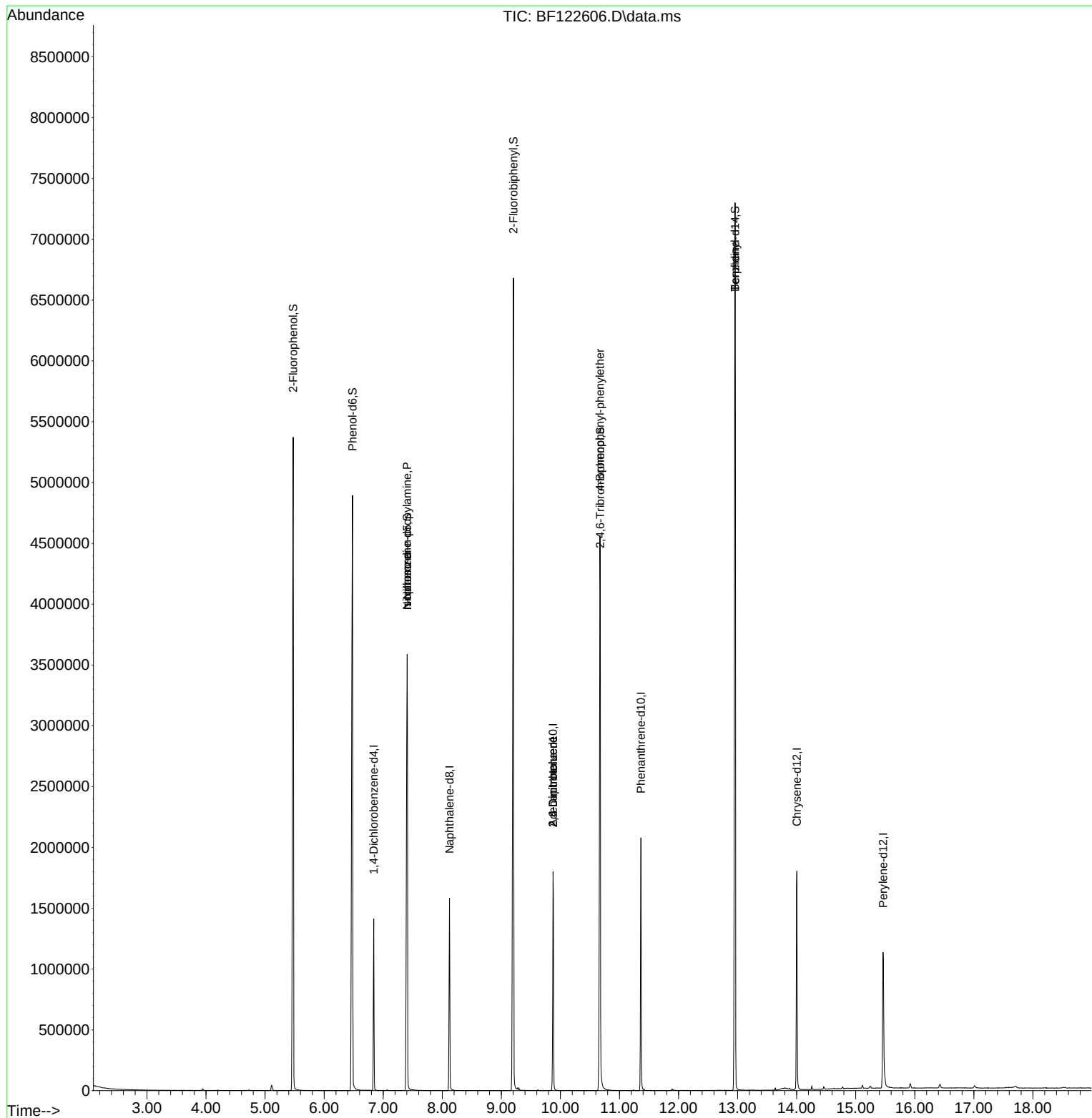
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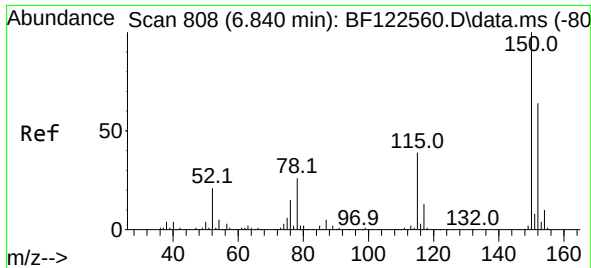
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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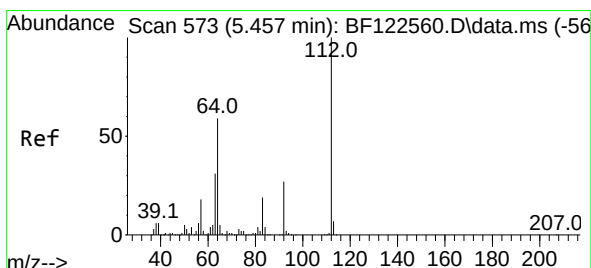
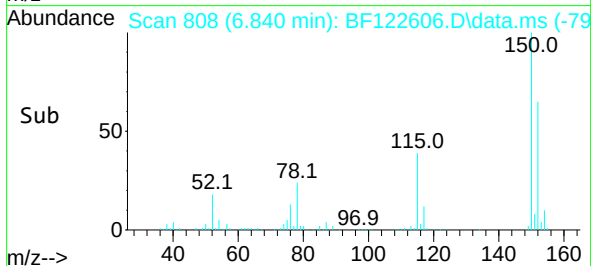
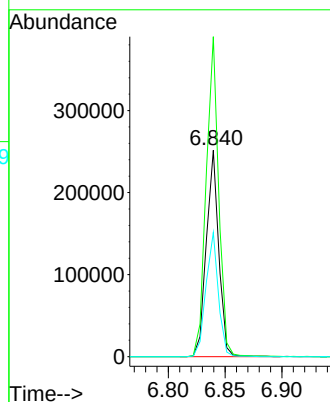
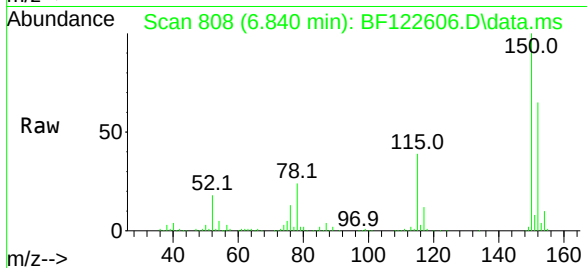




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

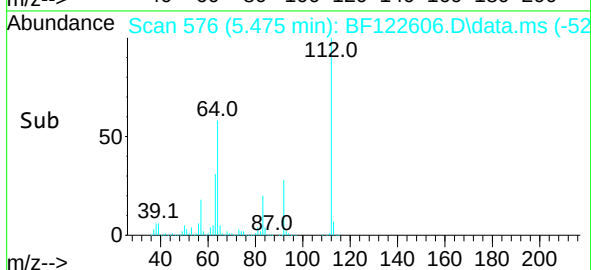
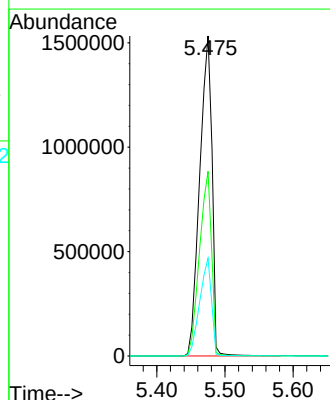
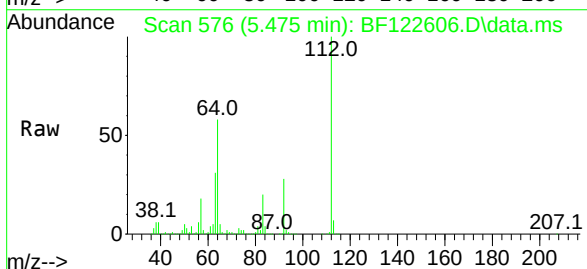
Instrument :
BNA_F
ClientSampleId :
PB133460BL

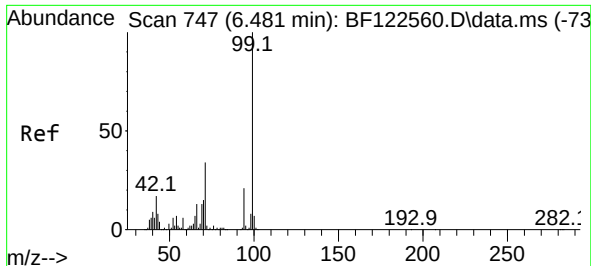
Tgt Ion:152 Resp: 190928
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.2 49.3 73.9



#5
2-Fluorophenol
Concen: 159.45 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Tgt Ion:112 Resp: 1923004
Ion Ratio Lower Upper
112 100
64 57.7 46.9 70.3
63 30.6 24.5 36.7



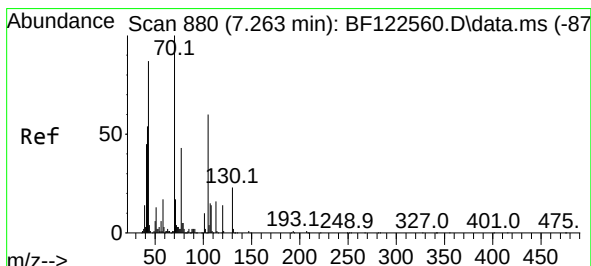
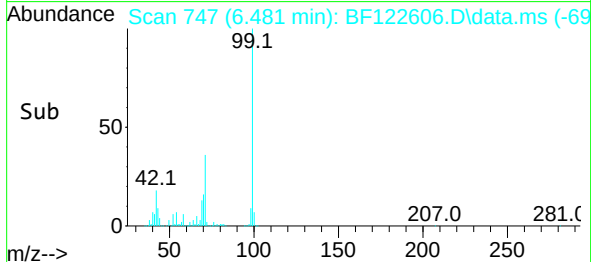
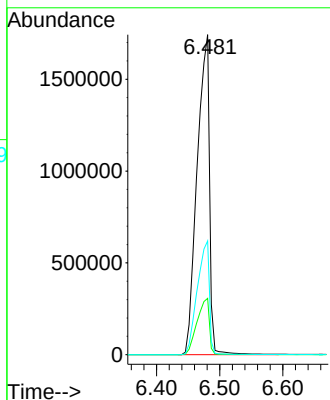
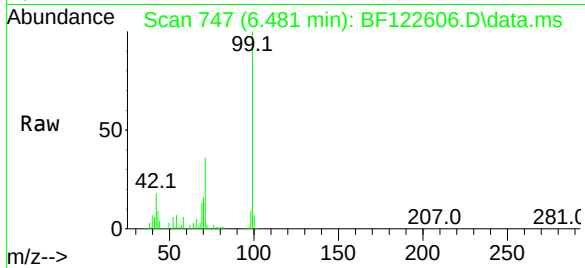


#7
Phenol-d6
Concen: 148.73 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Instrument :
BNA_F
ClientSampleId :
PB133460BL

Tgt Ion: 99 Resp: 2378822

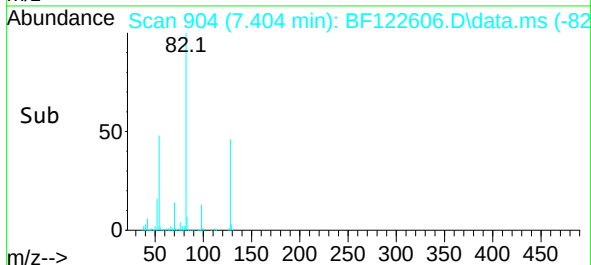
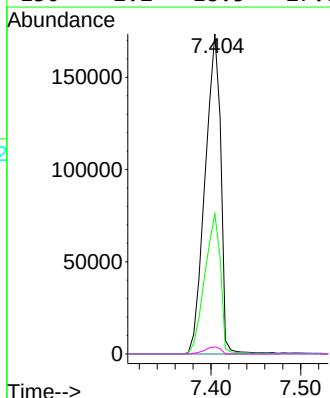
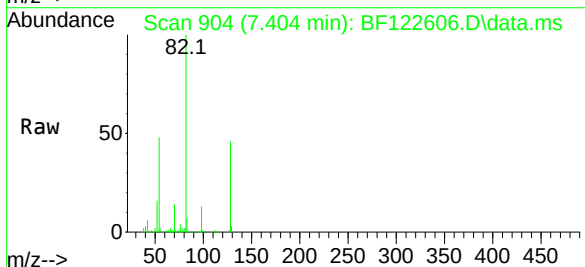
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	35.6	26.9	40.3

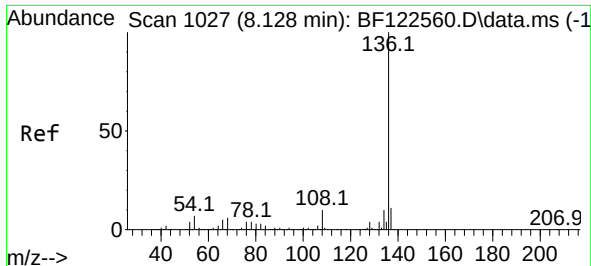


#19
n-Nitroso-di-n-propylamine
Concen: 22.98 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Tgt Ion: 70 Resp: 210509

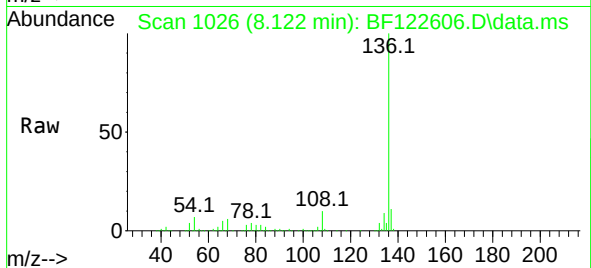
Ion	Ratio	Lower	Upper
70	100		
42	43.7	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#



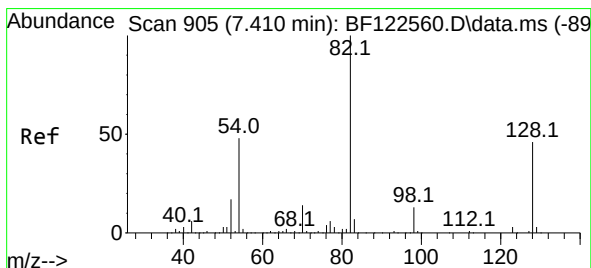
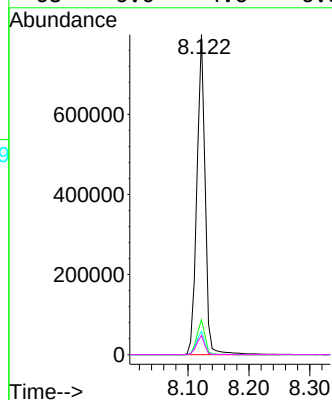
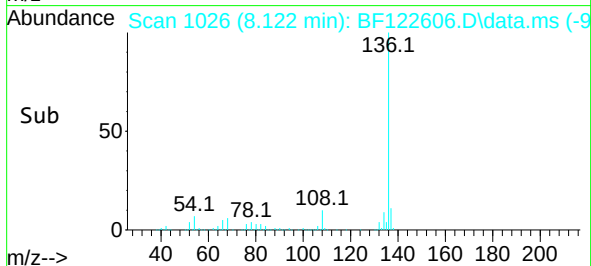


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

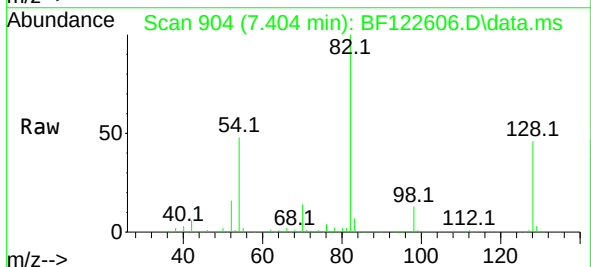
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BNA_F
ClientSampleId :
PB133460BL



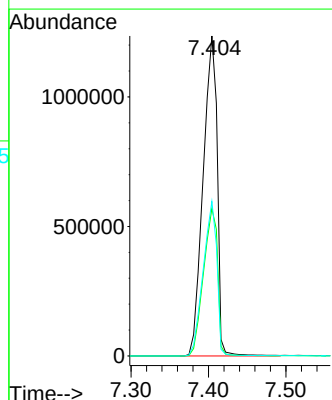
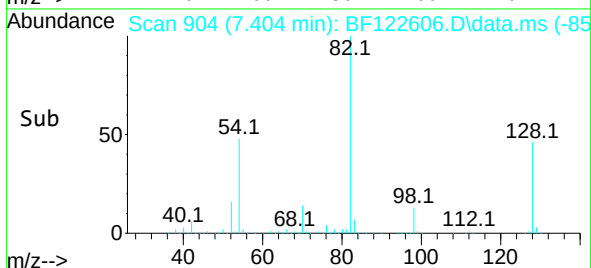
Tgt Ion:136 Resp: 754312
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.5 8.3
68 6.0 4.6 6.8

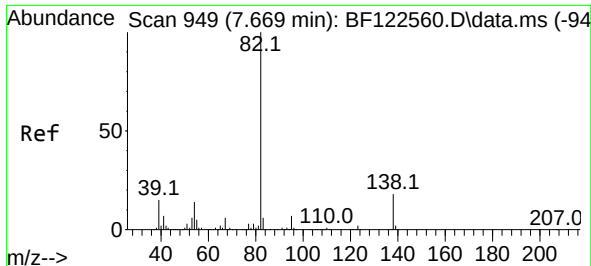


#23
Nitrobenzene-d5
Concen: 103.60 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00



Tgt Ion: 82 Resp: 1559826
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 48.3 38.4 57.6

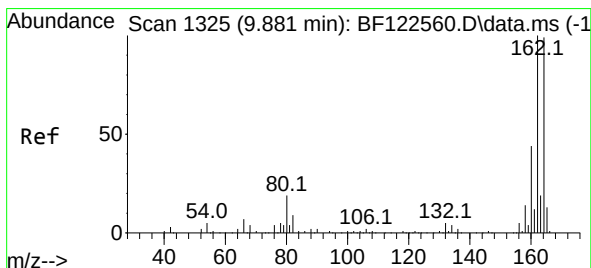
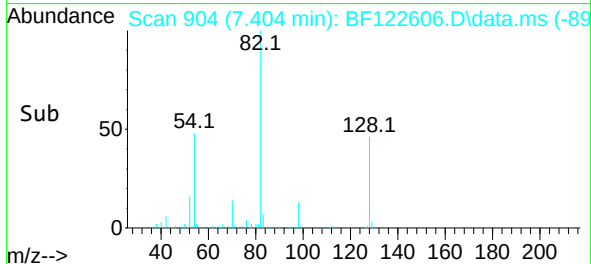
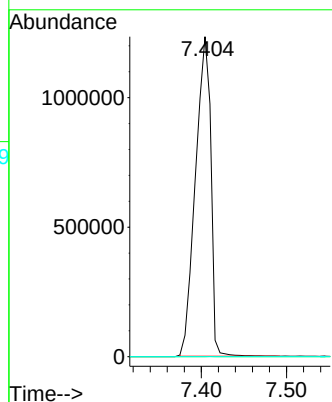
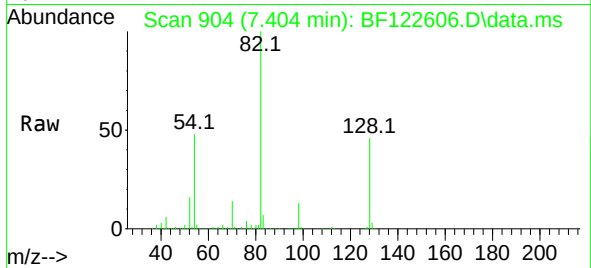




#25
Isophorone
Concen: 59.48 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

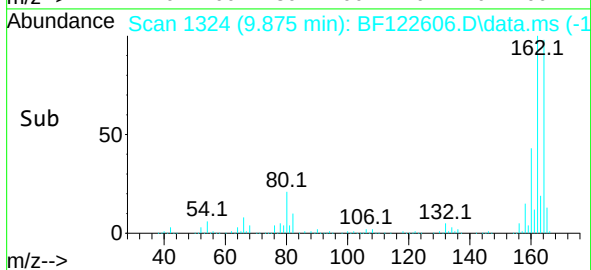
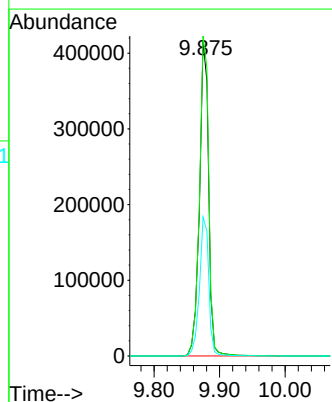
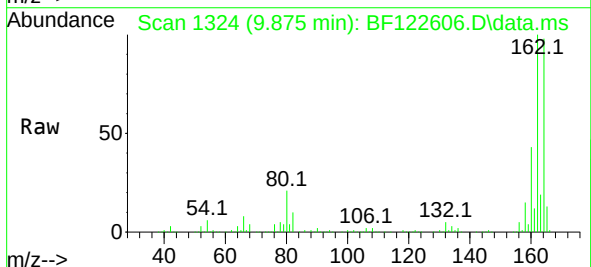
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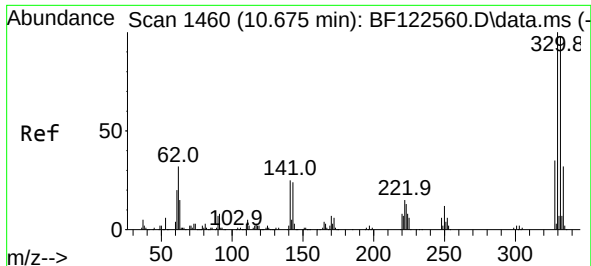
Tgt Ion: 82 Resp: 1542351
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

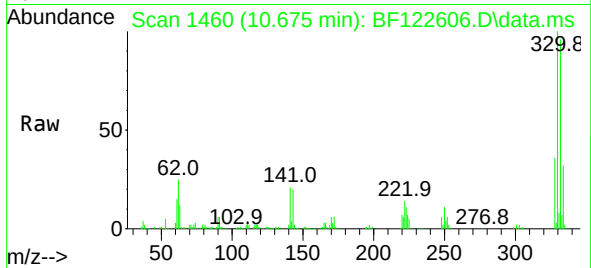
Tgt Ion:164 Resp: 406580
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 44.1 35.4 53.0



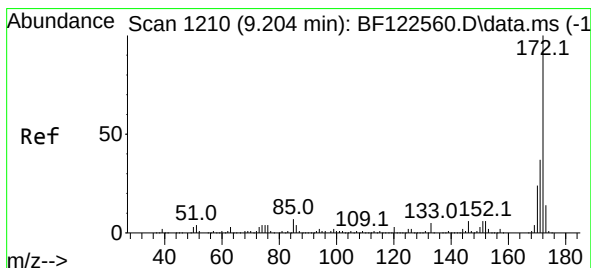
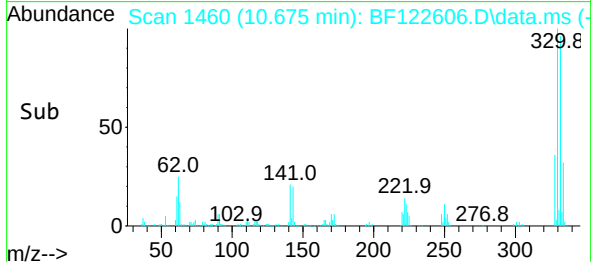
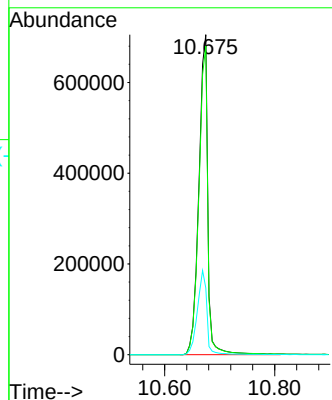


#42
2,4,6-Tribromophenol
Concen: 150.86 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Instrument :
BNA_F
ClientSampleId :
PB133460BL

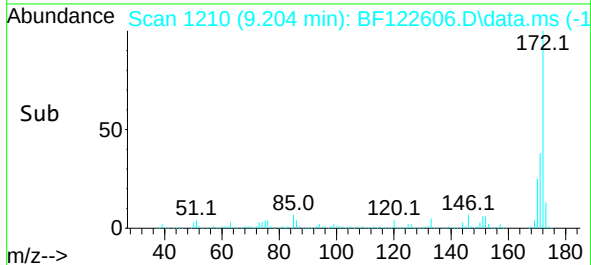
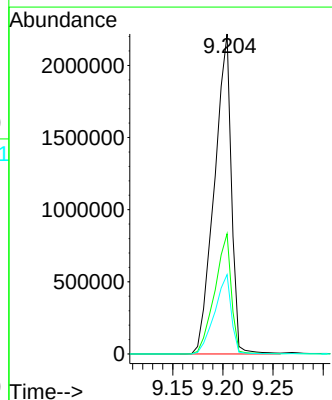
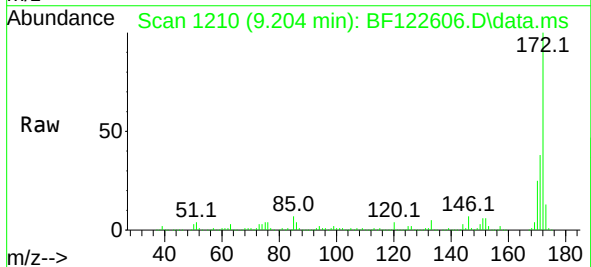


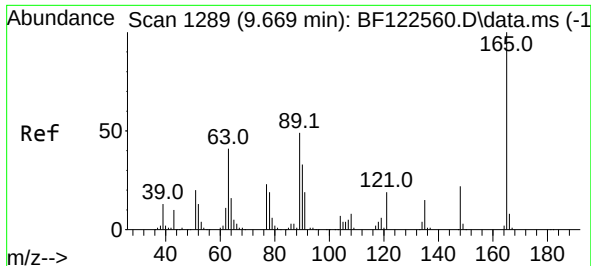
Tgt Ion:330 Resp: 802854
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 27.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 86.97 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Tgt Ion:172 Resp: 2614281
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.8 19.5 29.3

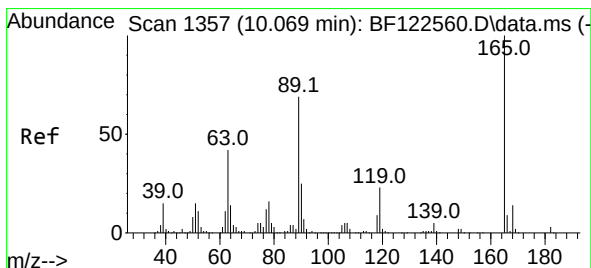
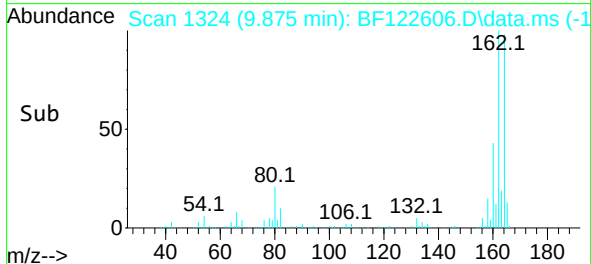
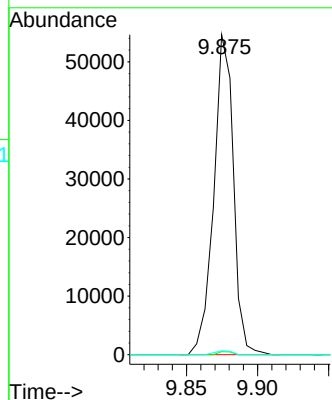
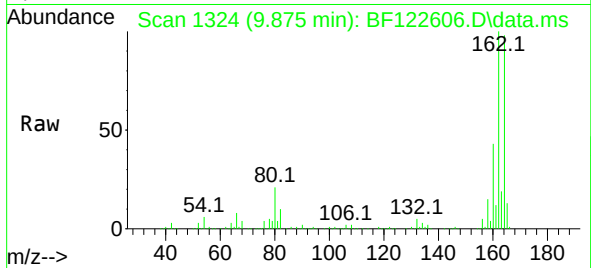




#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

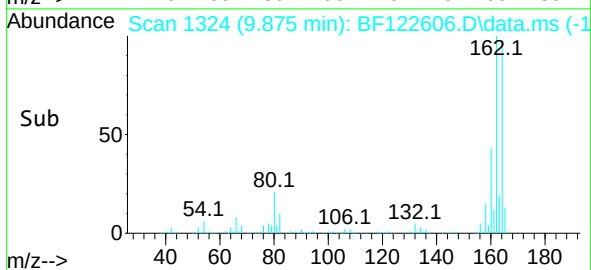
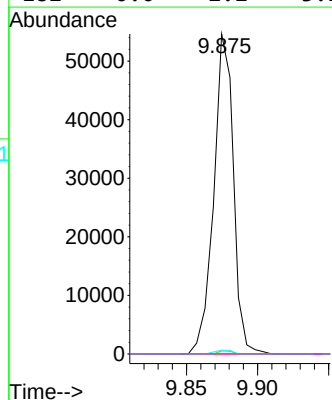
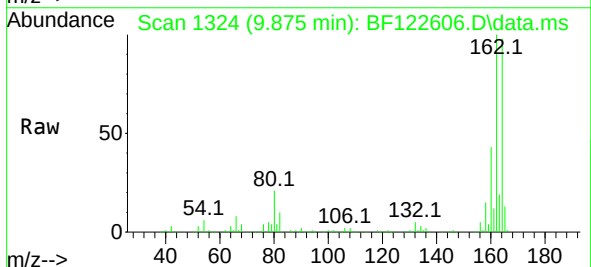
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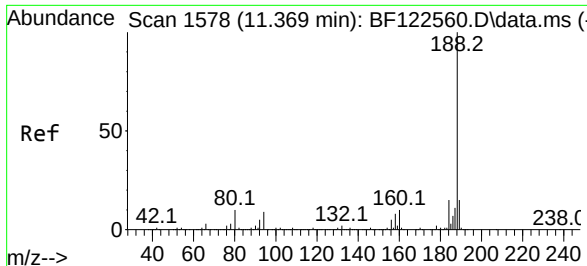
Tgt Ion:165 Resp: 52541
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Tgt Ion:165 Resp: 52541
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

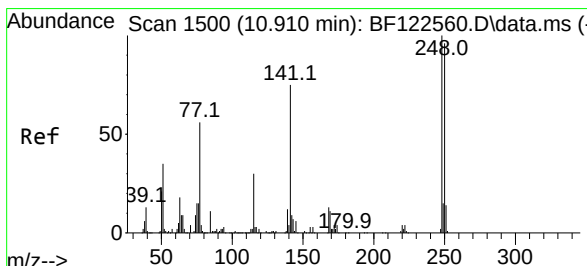
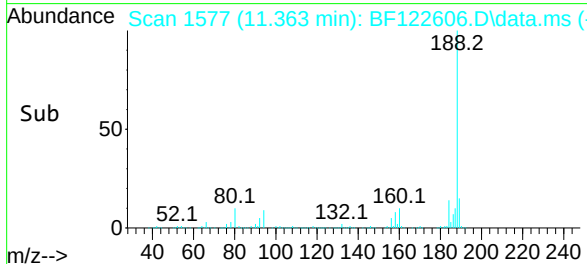
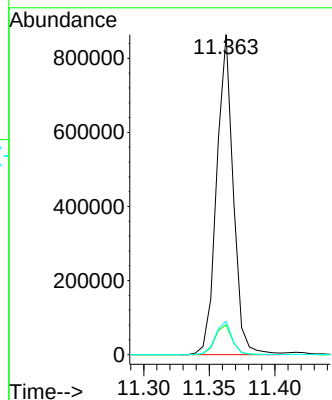
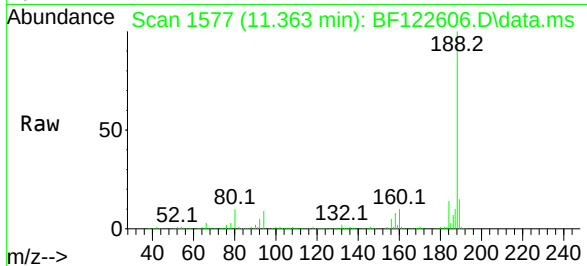




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

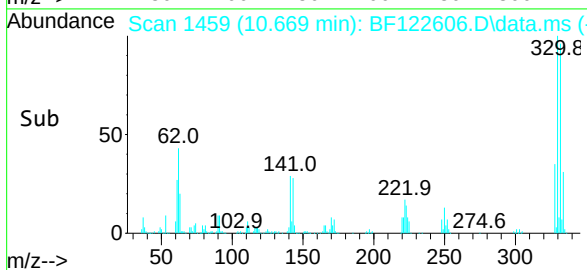
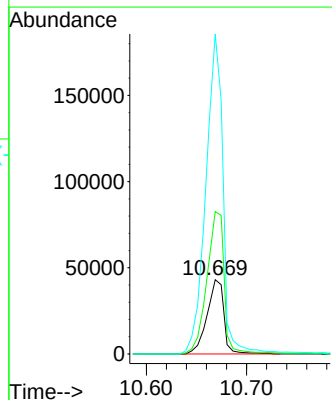
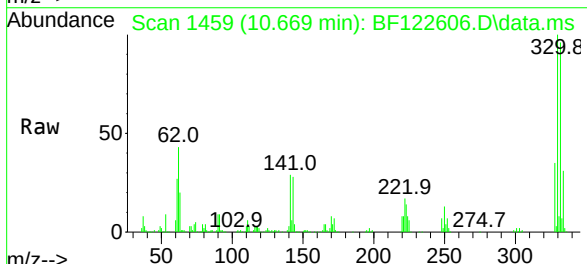
Instrument :
BNA_F
ClientSampleId :
PB133460BL

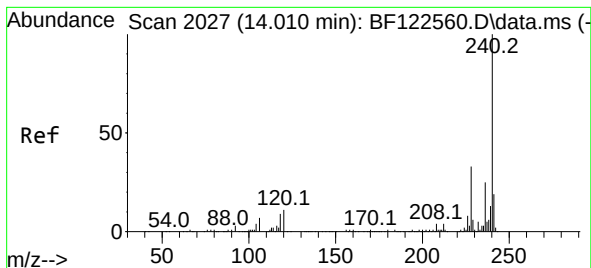
Tgt Ion:188 Resp: 760359
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Tgt Ion:248 Resp: 50387
Ion Ratio Lower Upper
248 100
250 191.6 76.8 115.2#
141 430.8 59.8 89.8#

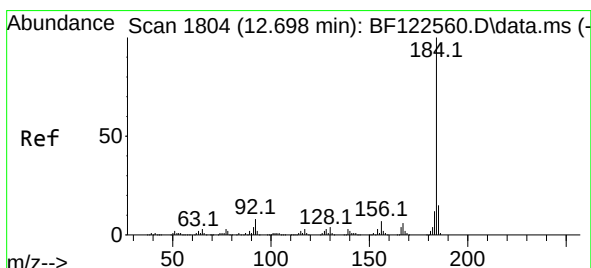
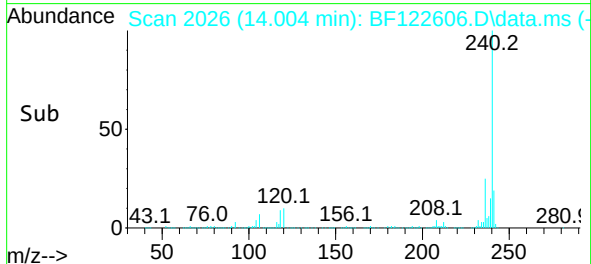
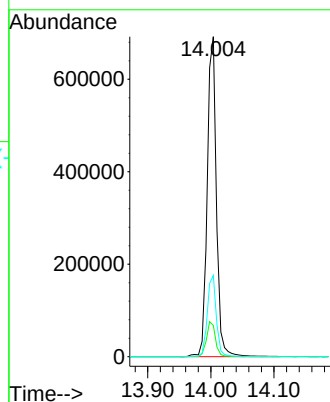
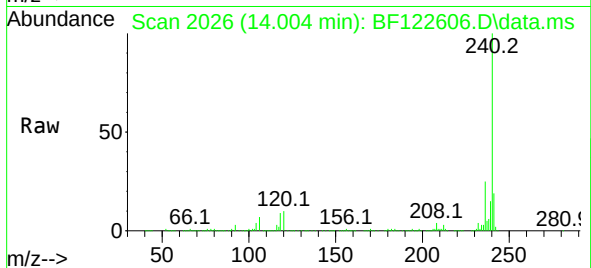




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

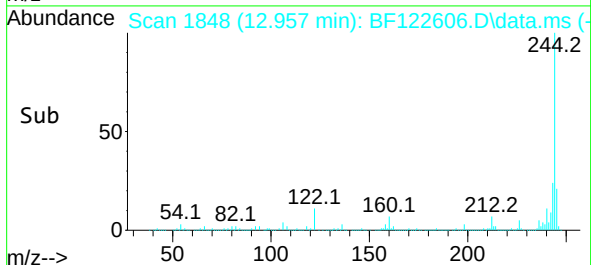
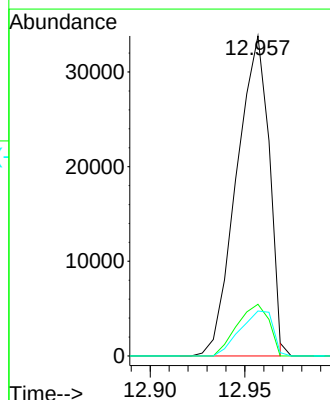
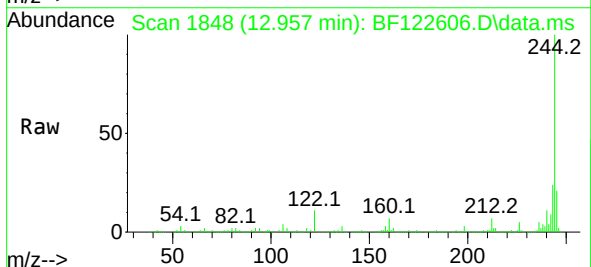
Instrument :
BNA_F
ClientSampleId :
PB133460BL

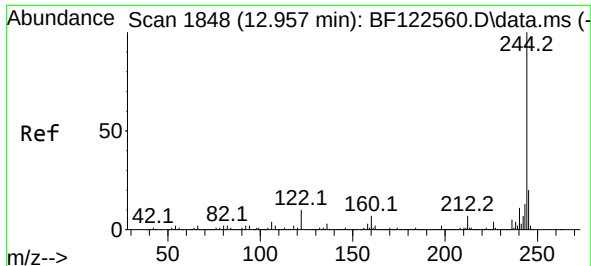
Tgt Ion:240 Resp: 700024
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.4 20.3 30.5



#77
Benzidine
Concen: 2.66 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.259 min
Lab File: BF122606.D
Acq: 9 Dec 2020 11:00

Tgt Ion:184 Resp: 40341
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 14.1 9.7 14.5

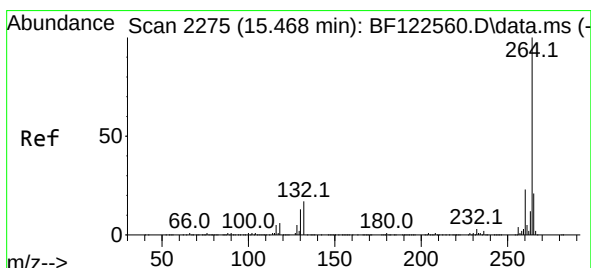
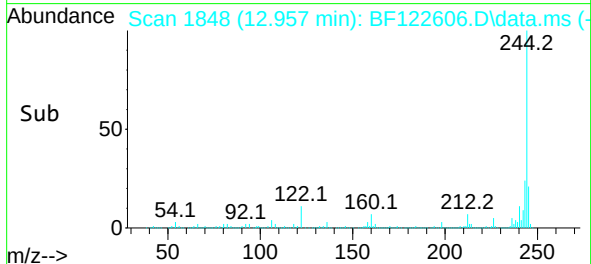
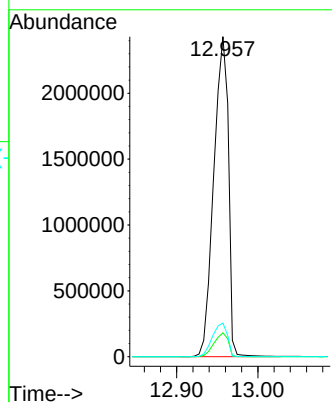
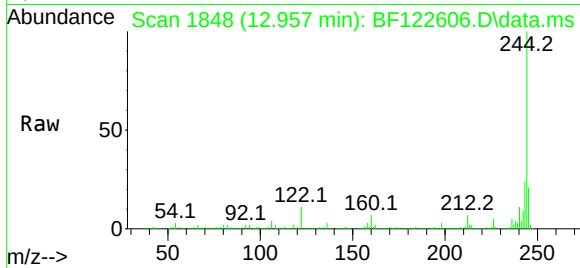




#79
 Terphenyl-d14
 Concen: 75.98 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF122606.D
 Acq: 9 Dec 2020 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB133460BL

Tgt Ion:244 Resp: 3038501
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122606.D
 Acq: 9 Dec 2020 11:00

Tgt Ion:264 Resp: 625961
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.6 17.0 25.6

