

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122718.D
 Acq On : 15 Dec 2020 16:23
 Operator : JU/CG
 Sample : PB133592BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133592BL

Quant Time: Dec 15 18:22:26 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)

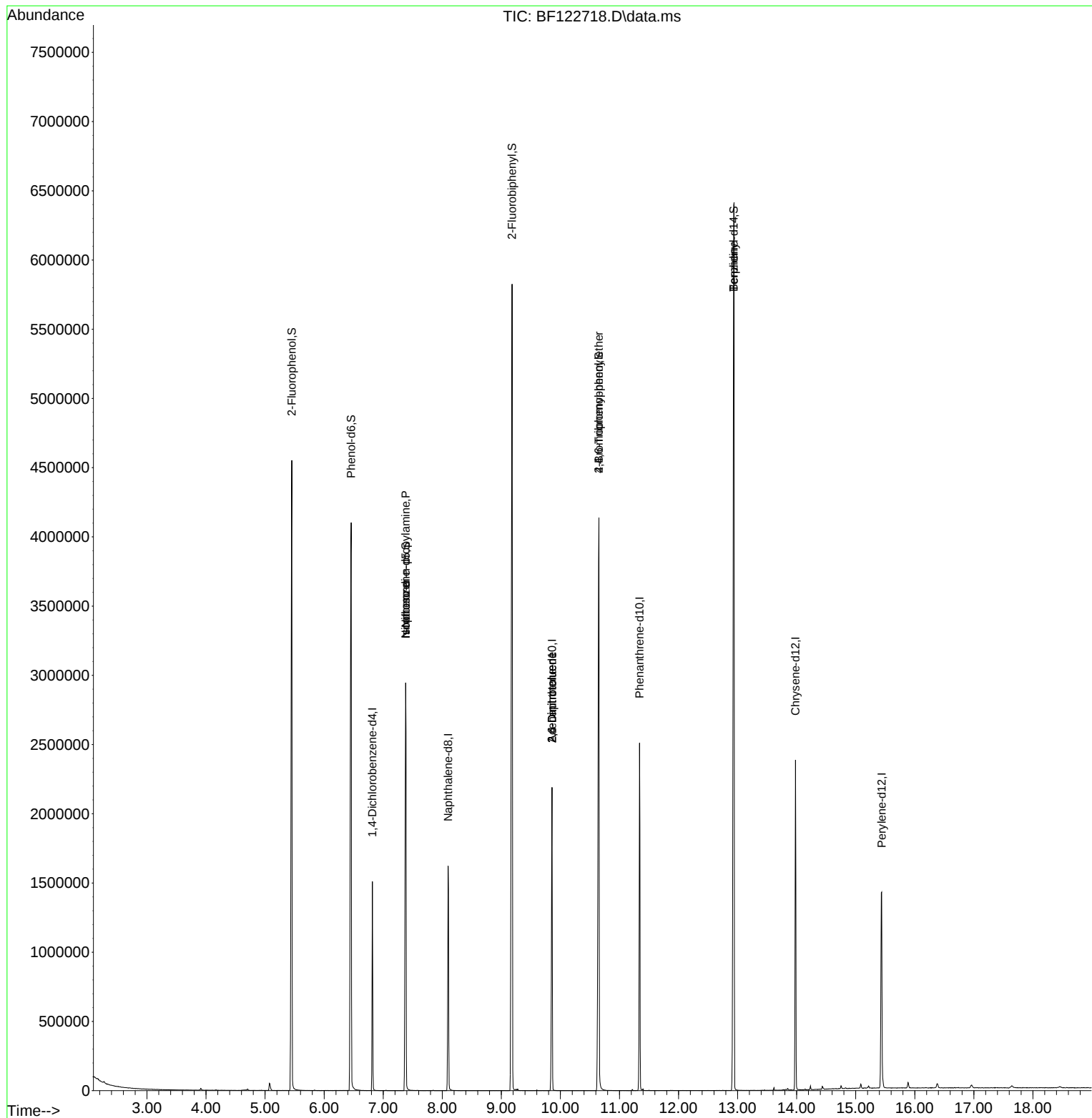
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	214845	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	868260	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	499724	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	953990	20.00	ng	0.00
76) Chrysene-d12	13.980	240	821401	20.00	ng	0.00
86) Perylene-d12	15.439	264	706343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1540653	113.53	ng	0.02
7) Phenol-d6	6.457	99	1959078	108.85	ng	0.00
23) Nitrobenzene-d5	7.381	82	1293587	74.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	737048	112.68	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2421503	65.54	ng	0.00
79) Terphenyl-d14	12.933	244	2810598	59.90	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	171207	16.61	ng	# 77
25) Isophorone	7.381	82	1293578	43.34	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	64147	7.61	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	64147	5.71	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	45604	3.53	ng	# 1
77) Benzidine	12.933	184	36826	2.07	ng	98

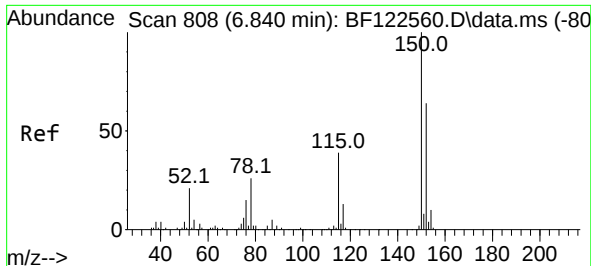
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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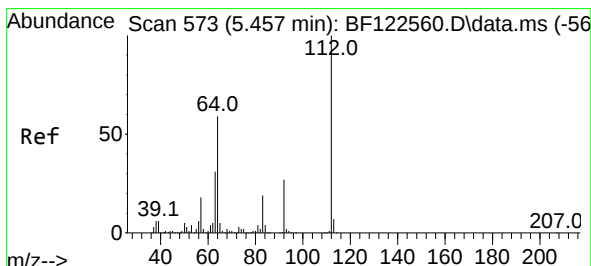
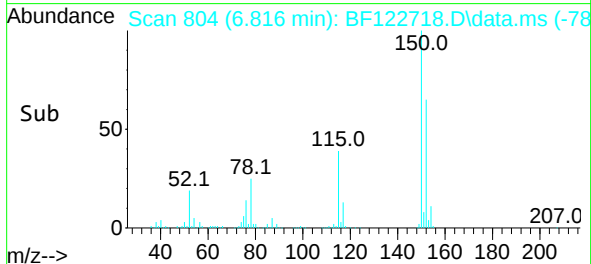
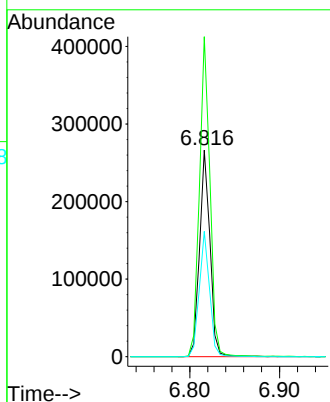
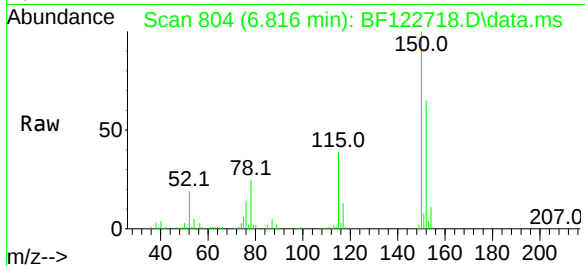




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

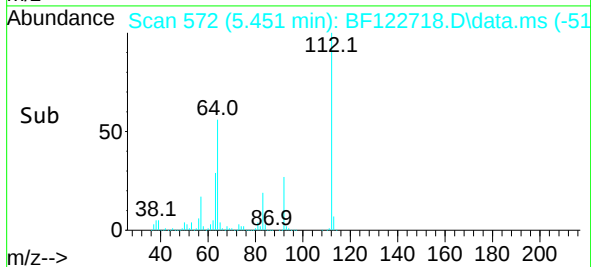
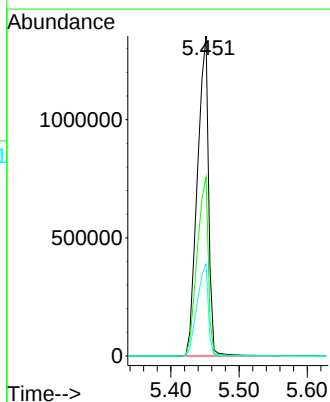
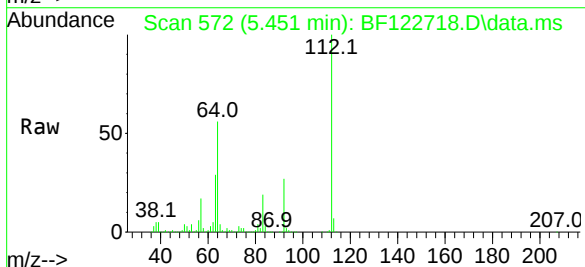
Instrument :
BNA_F
ClientSampleId :
PB133592BL

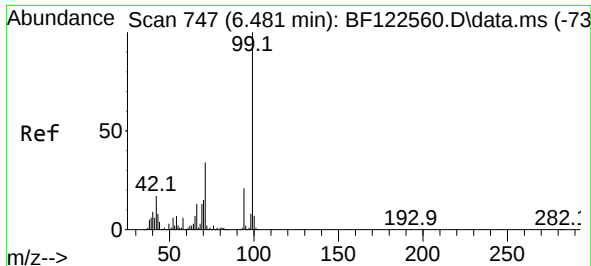
Tgt Ion:152 Resp: 214845
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 60.6 49.3 73.9



#5
2-Fluorophenol
Concen: 113.53 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

Tgt Ion:112 Resp: 1540653
Ion Ratio Lower Upper
112 100
64 55.9 46.9 70.3
63 28.8 24.5 36.7

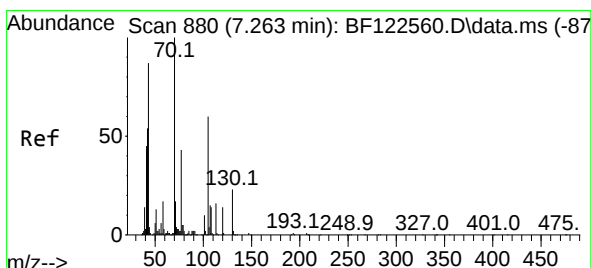
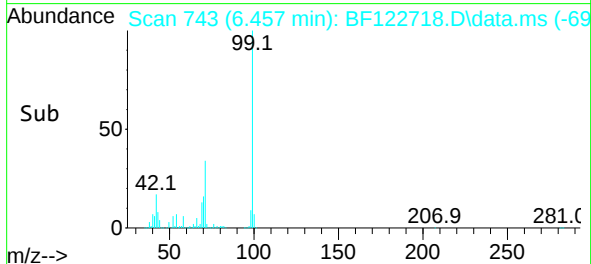
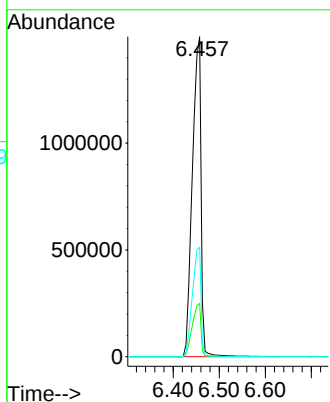
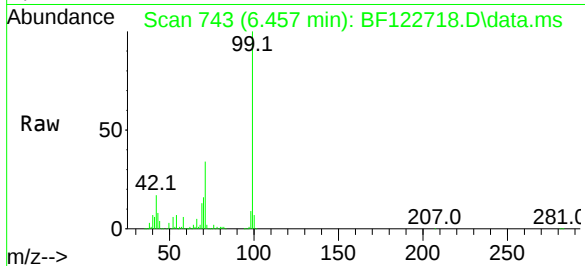




#7
Phenol-d6
Concen: 108.85 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

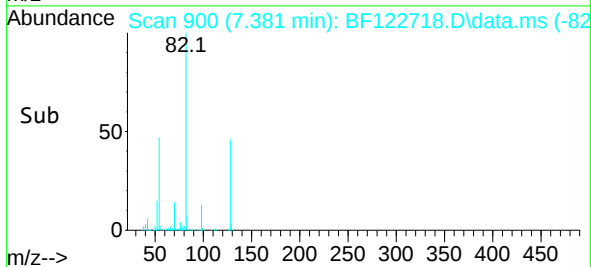
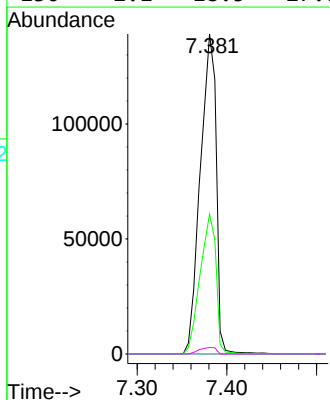
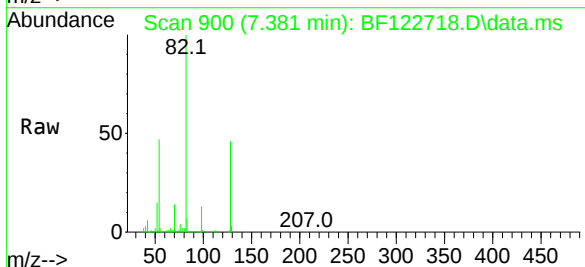
Instrument :
BNA_F
ClientSampleId :
PB133592BL

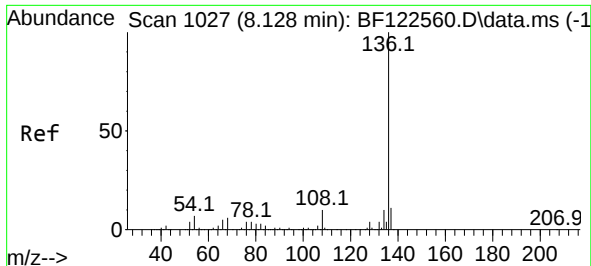
Tgt Ion: 99 Resp: 1959078
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.6
71 34.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.61 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

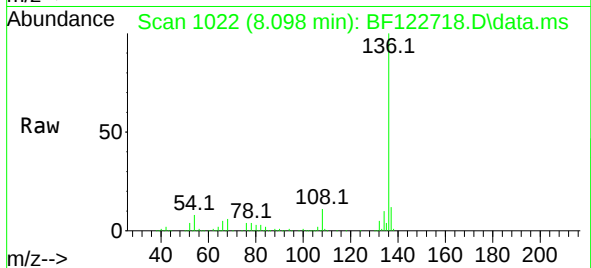
Tgt Ion: 70 Resp: 171207
Ion Ratio Lower Upper
70 100
42 43.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



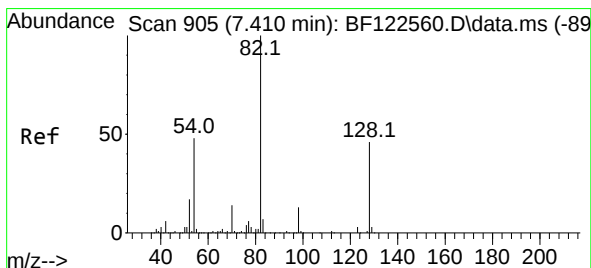
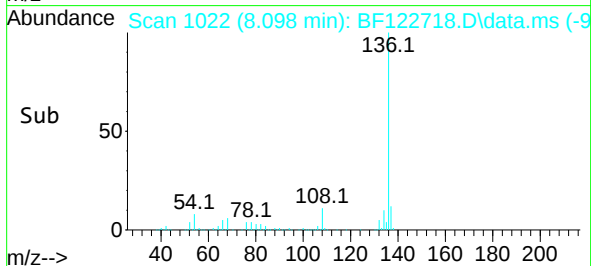
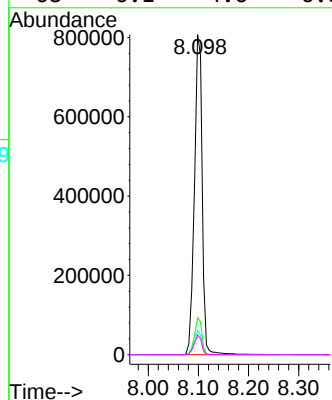


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB133592BL

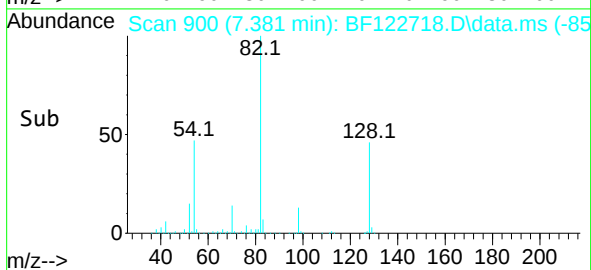
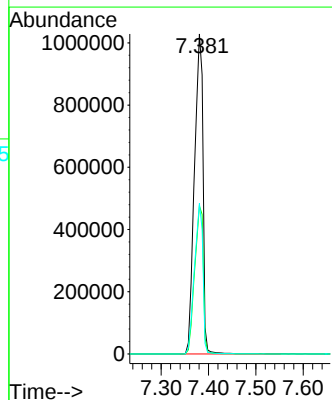
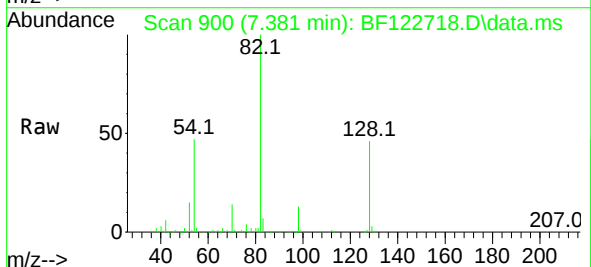


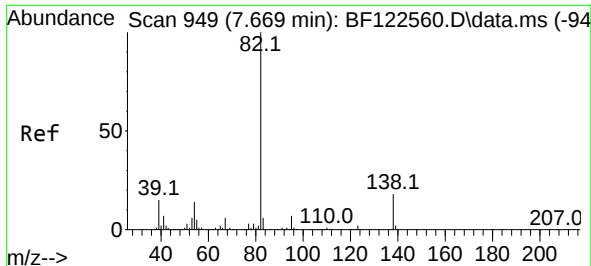
Tgt Ion:136	Resp: 868260
Ion Ratio	Lower Upper
136 100	
137 11.5	8.8 13.2
54 7.7	5.5 8.3
68 6.1	4.6 6.8



#23
Nitrobenzene-d5
Concen: 74.65 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

Tgt Ion: 82		Resp: 1293587	
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	47.1	38.4	57.6

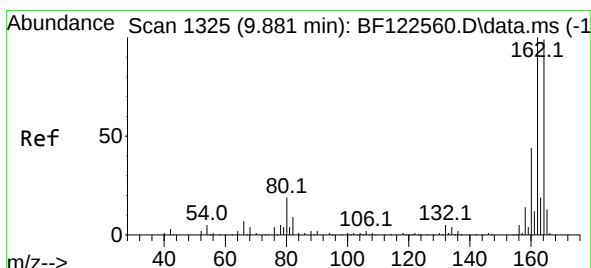
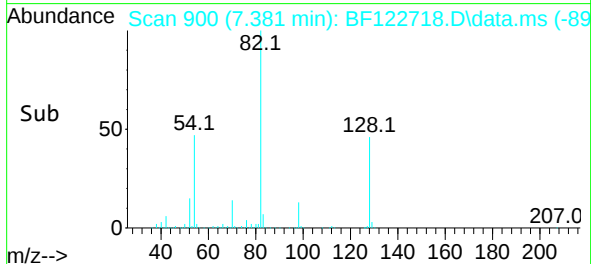
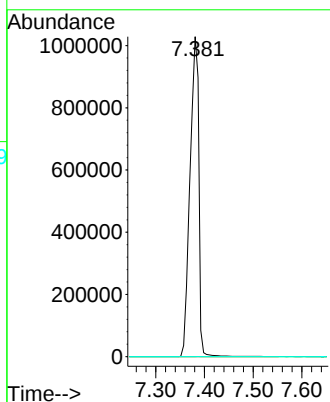
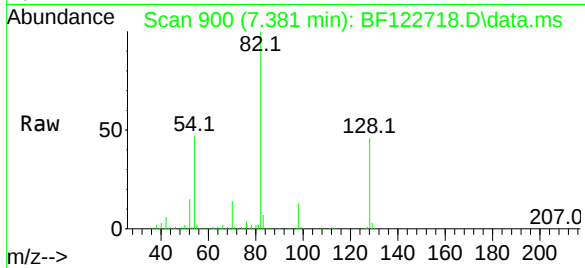




#25
Isophorone
Concen: 43.34 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

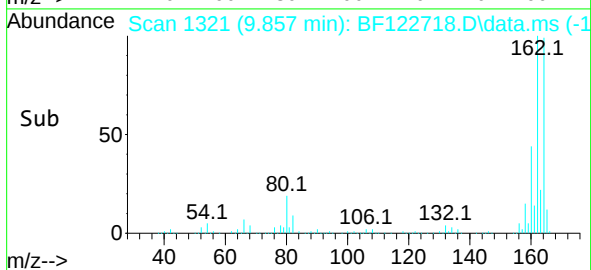
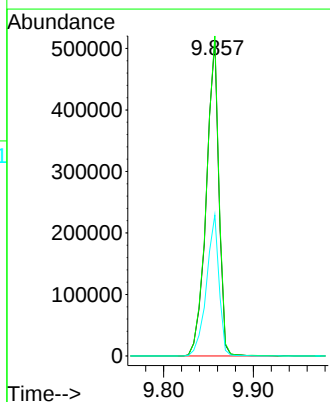
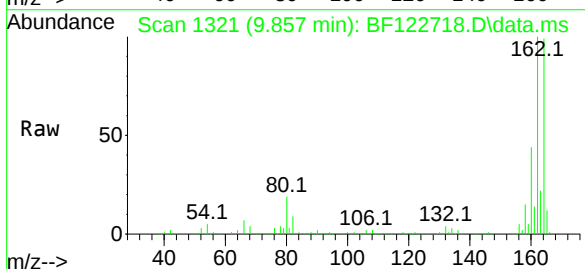
Instrument :
BNA_F
ClientSampleId :
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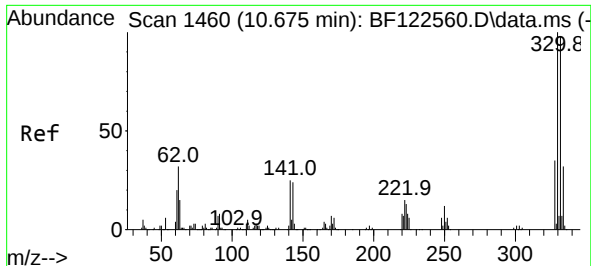
Tgt Ion: 82 Resp: 1293578
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

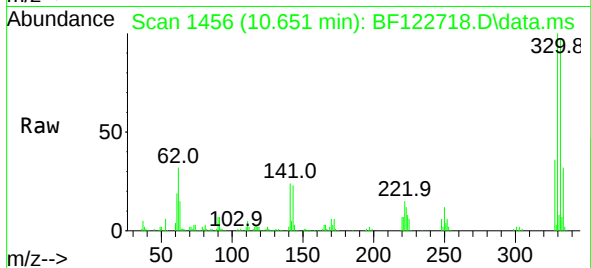
Tgt Ion:164 Resp: 499724
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 44.6 35.4 53.0



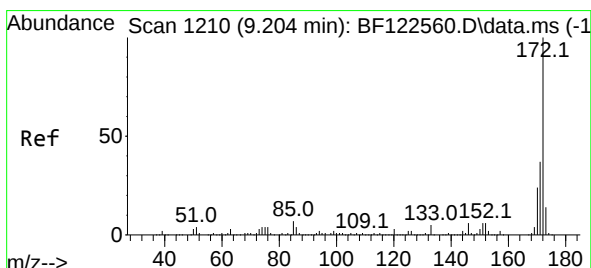
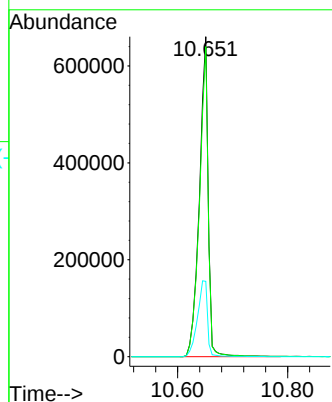
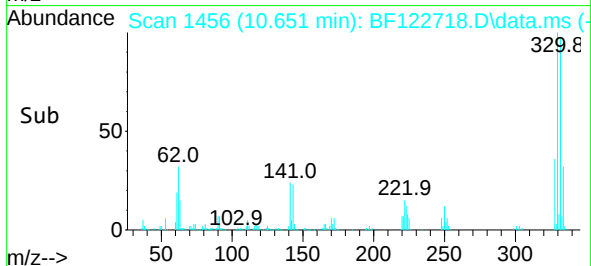


#42
2,4,6-Tribromophenol
Concen: 112.68 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

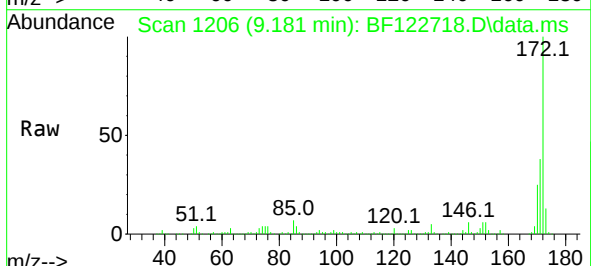
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BNA_F
ClientSampleId :
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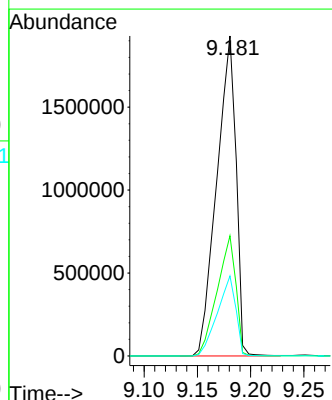
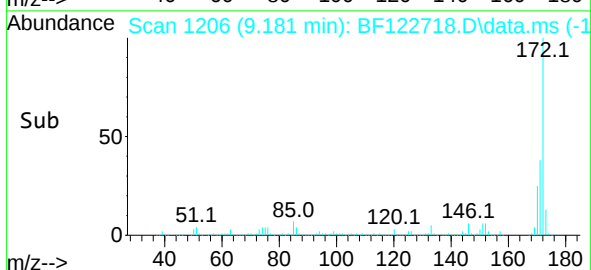
Tgt Ion:330 Resp: 737048
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 27.2 23.8 35.8

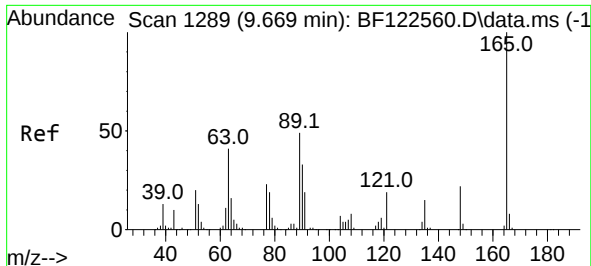


#45
2-Fluorobiphenyl
Concen: 65.54 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23



Tgt Ion:172 Resp: 2421503
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 25.0 19.5 29.3

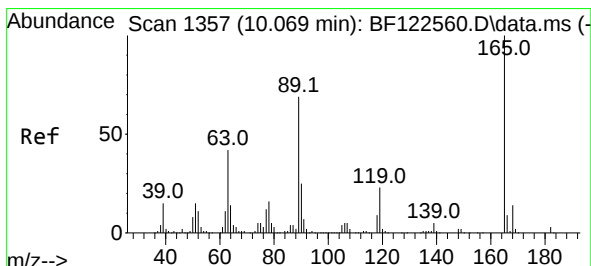
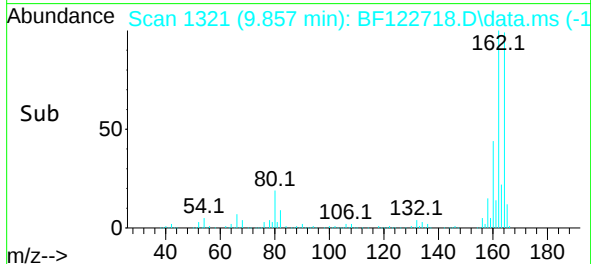
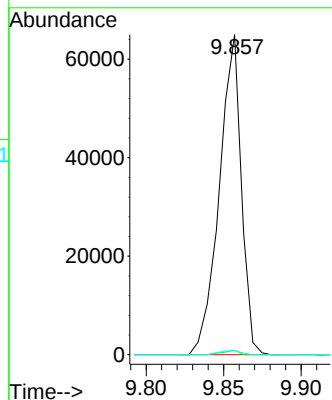
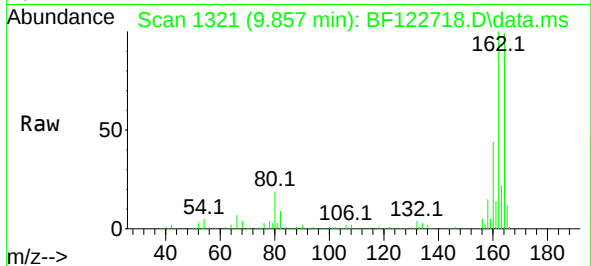




#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

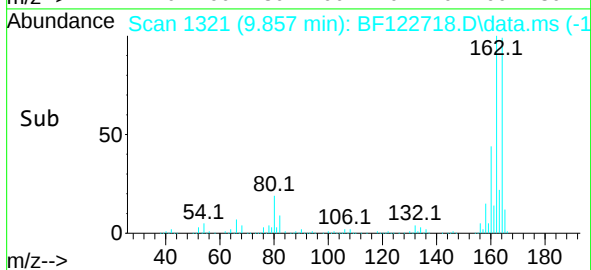
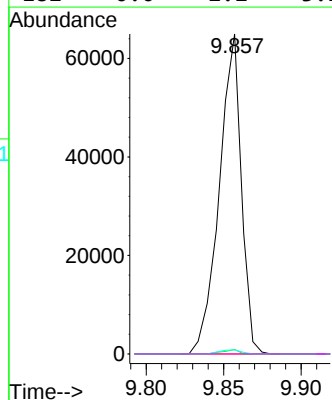
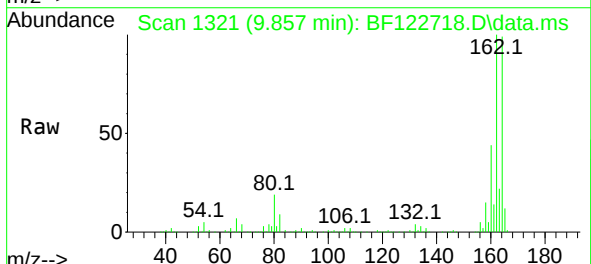
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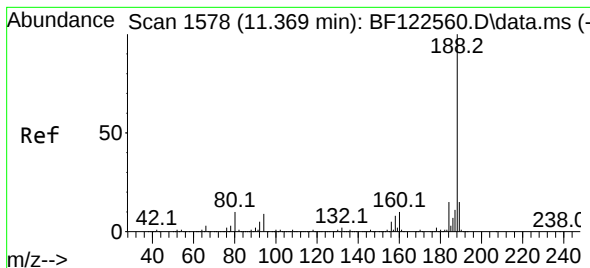
Tgt Ion:165 Resp: 64147
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

Tgt Ion:165 Resp: 64147
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

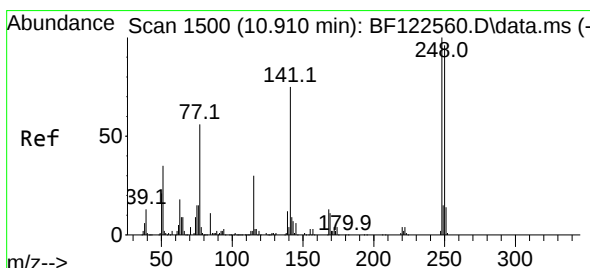
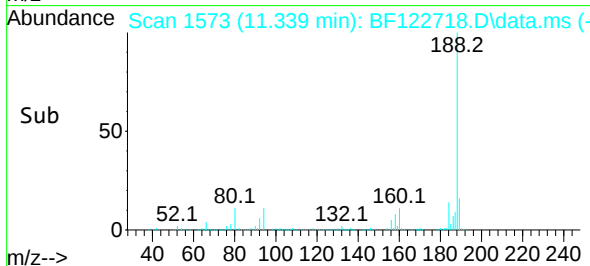
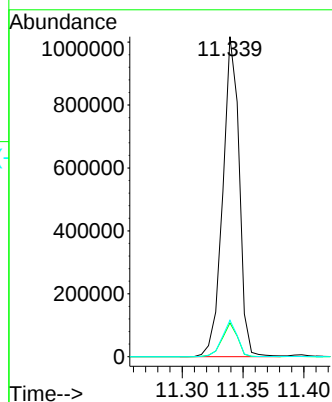
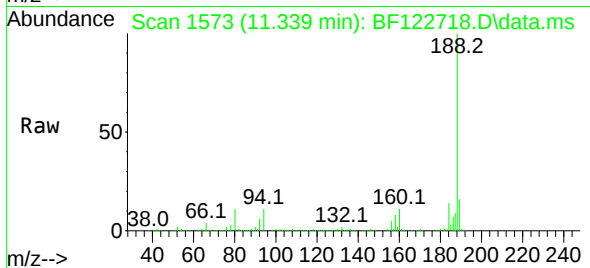




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

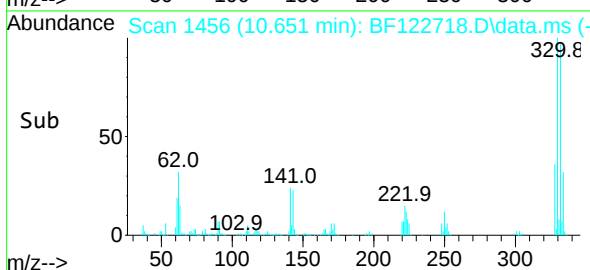
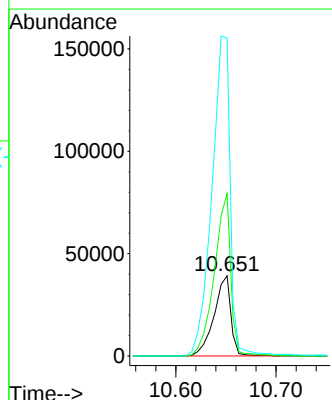
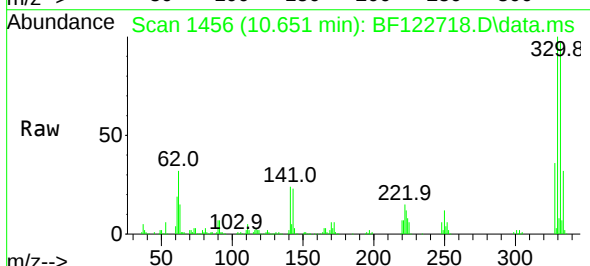
Instrument :
BNA_F
ClientSampleId :
PB133592BL

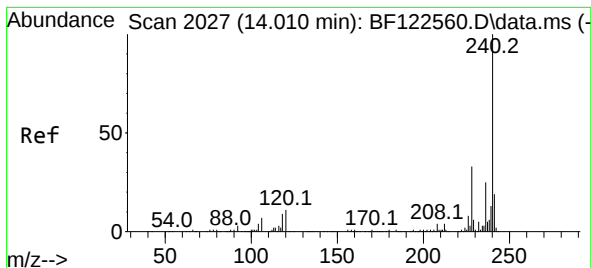
Tgt Ion:188 Resp: 953990
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

Tgt Ion:248 Resp: 45604
Ion Ratio Lower Upper
248 100
250 202.6 76.8 115.2#
141 396.6 59.8 89.8#

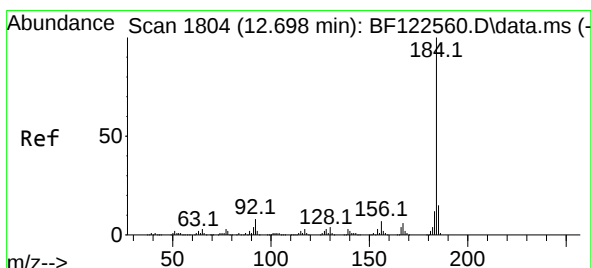
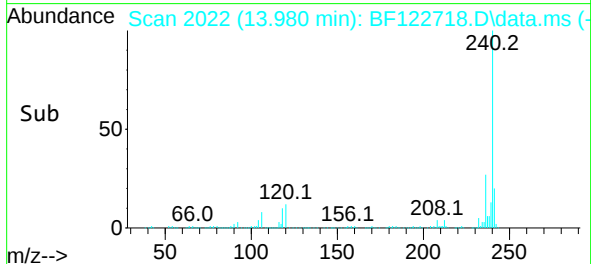
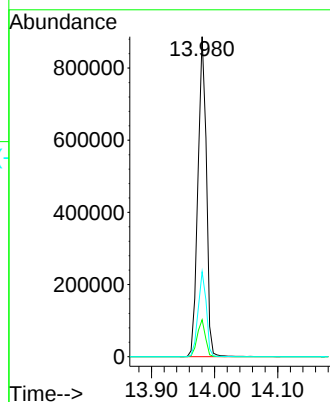
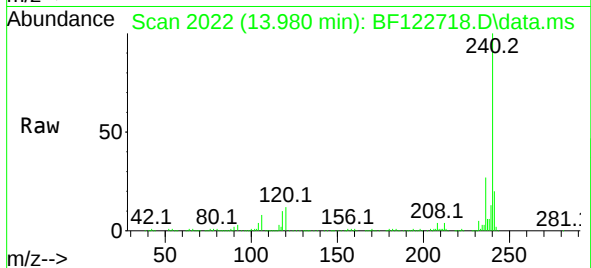




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

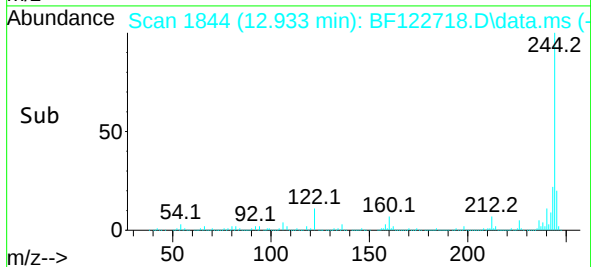
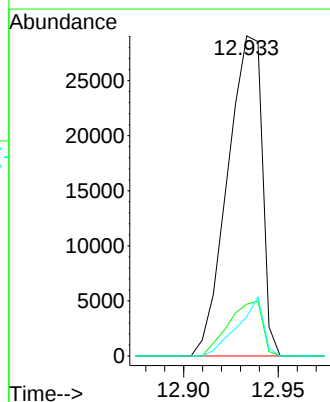
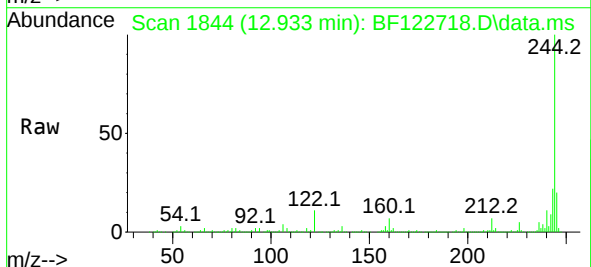
Instrument :
BNA_F
ClientSampleId :
PB133592BL

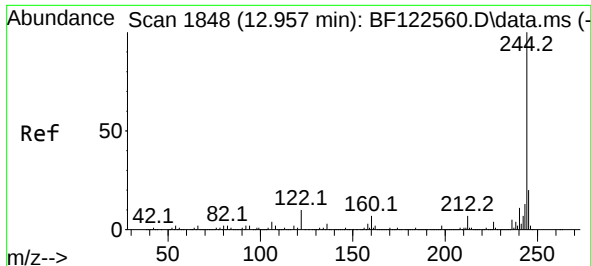
Tgt Ion:240 Resp: 821401
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 26.5 20.3 30.5



#77
Benzidine
Concen: 2.07 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122718.D
Acq: 15 Dec 2020 16:23

Tgt Ion:184 Resp: 36826
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 12.2 9.7 14.5

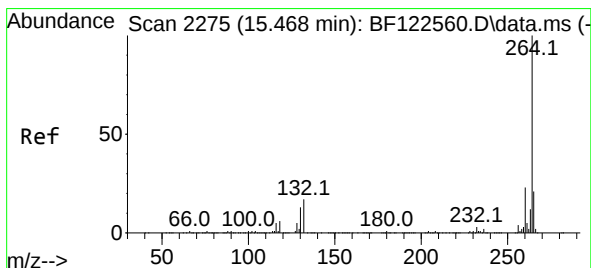
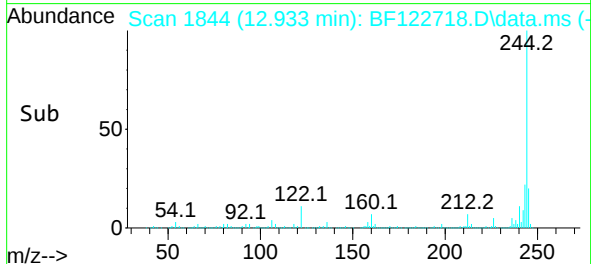
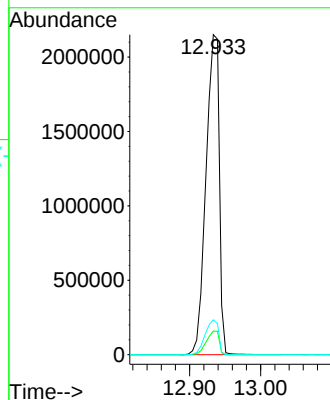
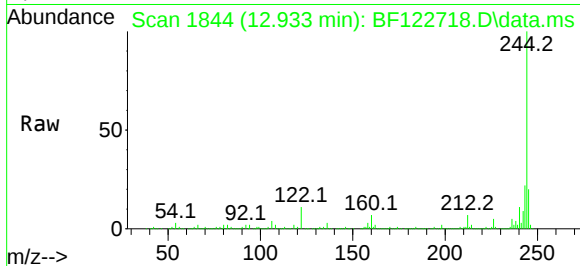




#79
 Terphenyl-d14
 Concen: 59.90 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122718.D
 Acq: 15 Dec 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB133592BL

Tgt Ion:244 Resp: 2810598
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122718.D
 Acq: 15 Dec 2020 16:23

Tgt Ion:264 Resp: 706343
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.5 17.0 25.6

