

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122696.D
 Acq On : 14 Dec 2020 9:40
 Operator : JU/CG
 Sample : PB133577BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133577BL

Quant Time: Dec 14 16:51:47 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)

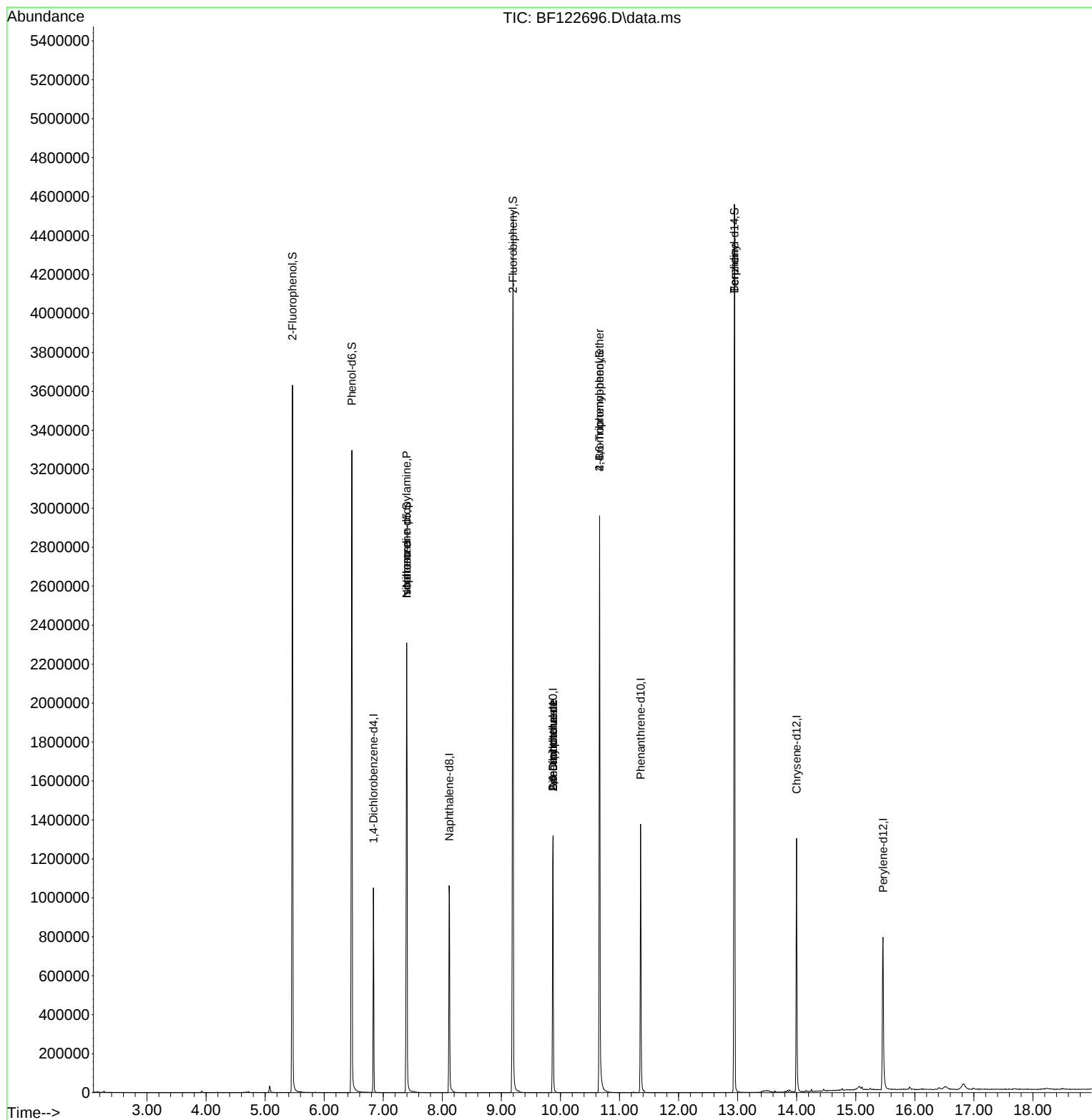
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	150254	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	581230	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	302349	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	560793	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	475548	20.00	ng	-0.01
86) Perylene-d12	15.462	264	437905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1113120	117.28	ng	0.00
7) Phenol-d6	6.469	99	1357040	107.81	ng	-0.01
23) Nitrobenzene-d5	7.398	82	860243	74.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	443744	112.12	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1608680	71.97	ng	0.00
79) Terphenyl-d14	12.945	244	1761412	64.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	113725	15.77	ng	Qvalue # 78
25) Isophorone	7.398	82	860233	43.05	ng	# 65
50) Dimethylphthalate	9.874	163	64816	2.68	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	38909	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	38909	5.73	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	27029	3.56	ng	# 1
77) Benzidine	12.945	184	21962	2.14	ng	96

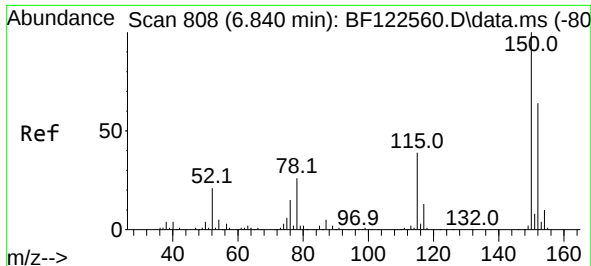
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 12:08:49 2020
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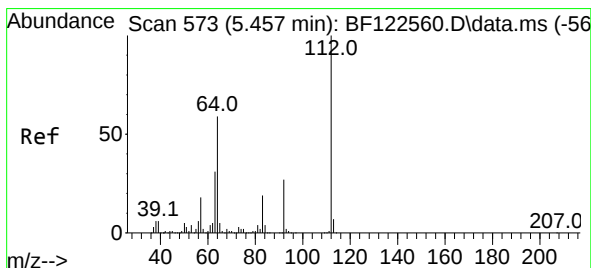
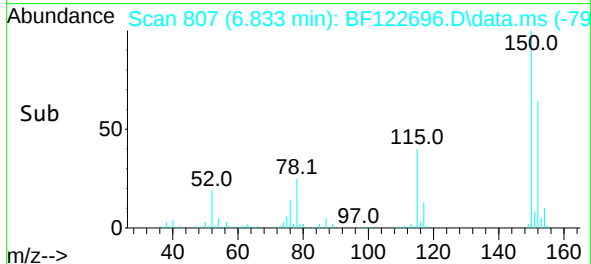
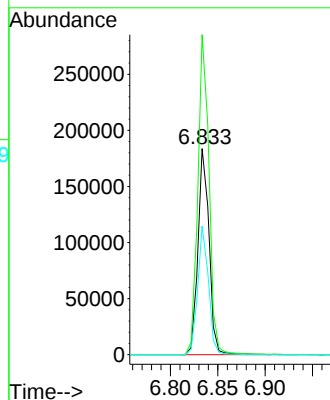
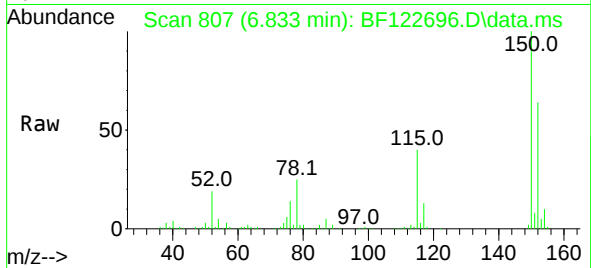




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

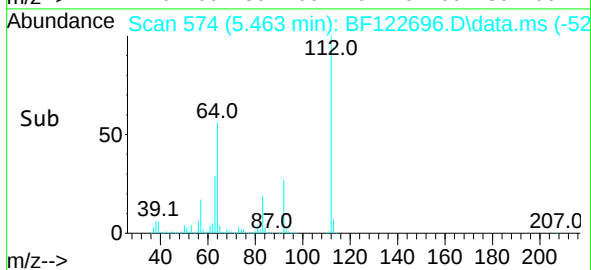
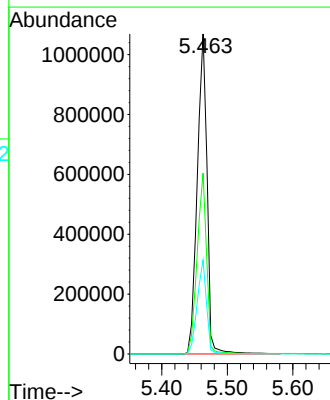
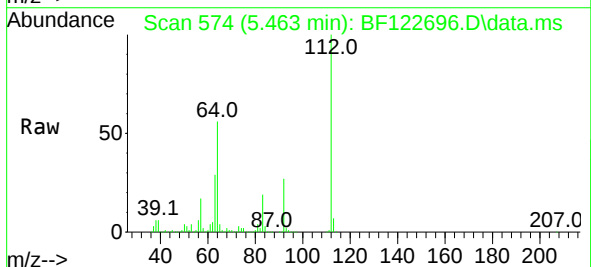
Instrument :
BNA_F
ClientSampleId :
PB133577BL

Tgt Ion:152 Resp: 150254
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 62.5 49.3 73.9



#5
2-Fluorophenol
Concen: 117.28 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Tgt Ion:112 Resp: 1113120
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 29.3 24.5 36.7

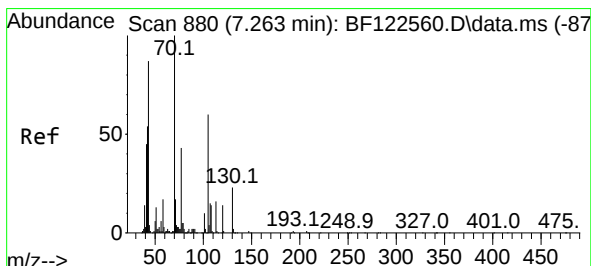
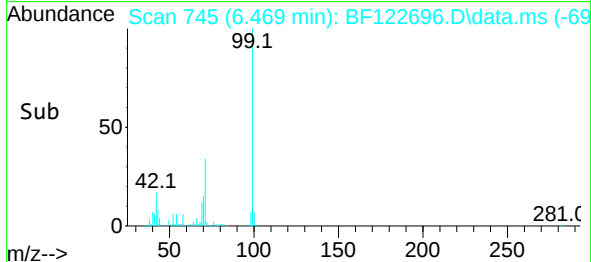
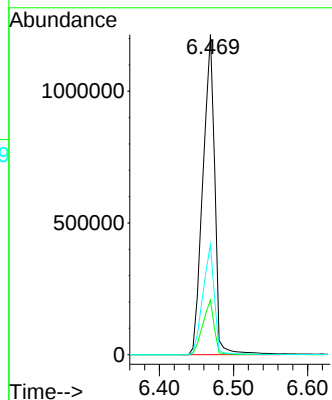
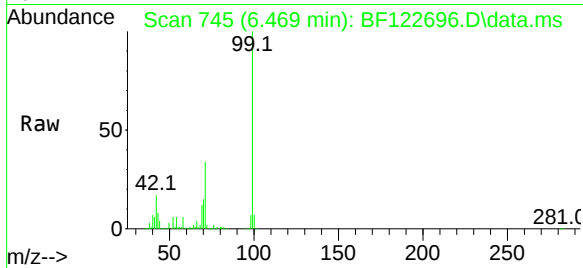




#7
Phenol-d6
Concen: 107.81 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

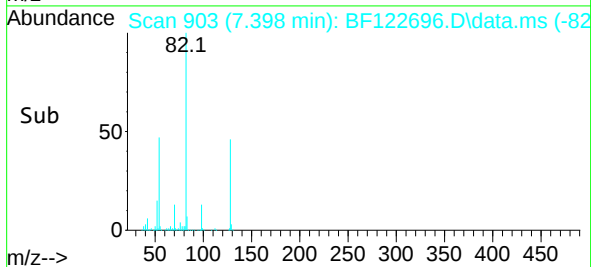
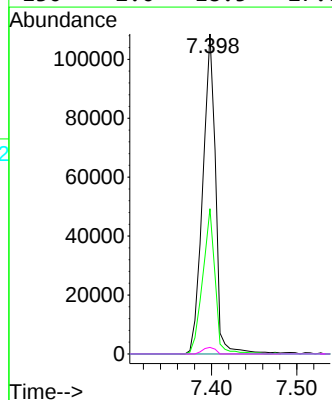
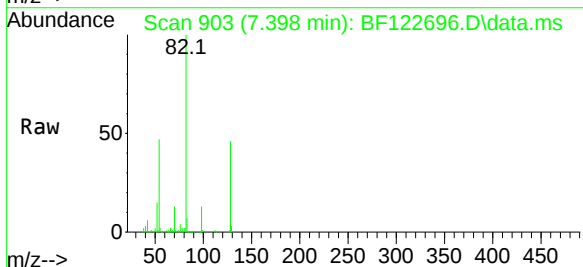
Instrument :
BNA_F
ClientSampleId :
PB133577BL

Tgt Ion: 99 Resp: 1357040
Ion Ratio Lower Upper
99 100
42 17.1 13.8 20.6
71 34.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.77 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

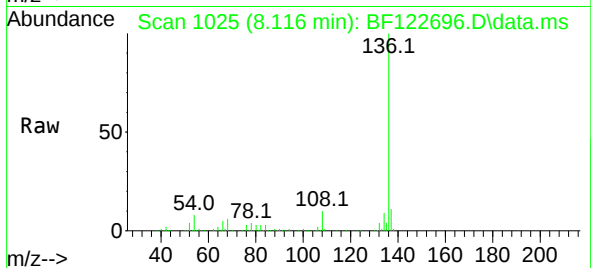
Tgt Ion: 70 Resp: 113725
Ion Ratio Lower Upper
70 100
42 45.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



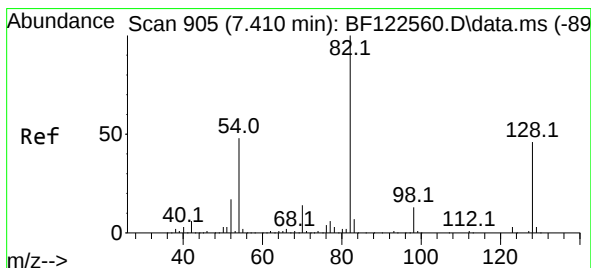
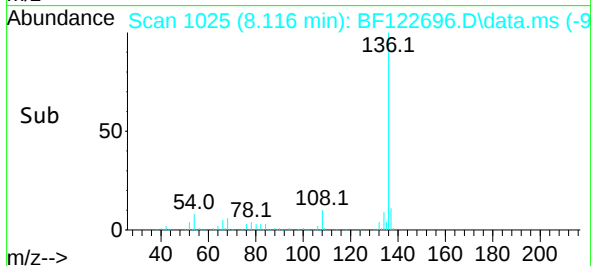
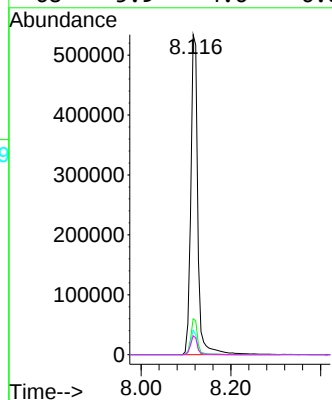


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Instrument :
BNA_F
ClientSampleId :
PB133577BL

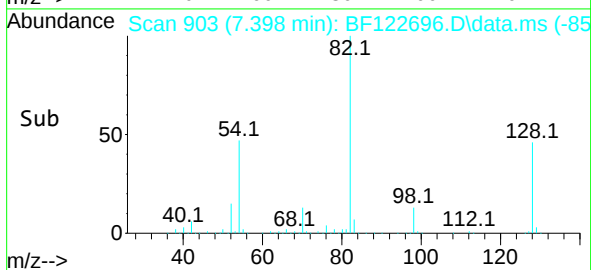
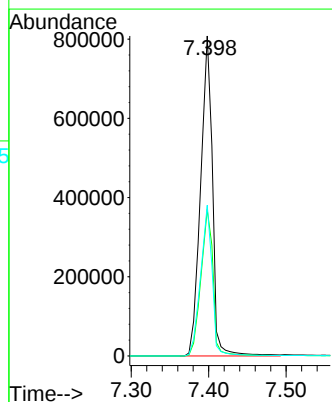
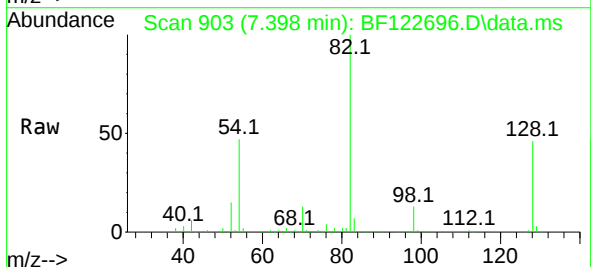


Tgt Ion:136	Resp: 581230
Ion Ratio	Lower Upper
136	100
137	11.2 8.8 13.2
54	7.7 5.5 8.3
68	5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 74.15 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Tgt Ion: 82	Resp: 860243
Ion Ratio	Lower Upper
82	100
128	45.8 37.0 55.4
54	47.1 38.4 57.6

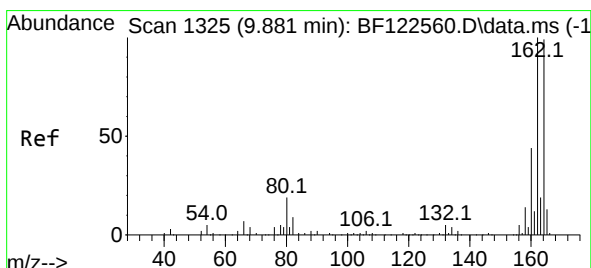
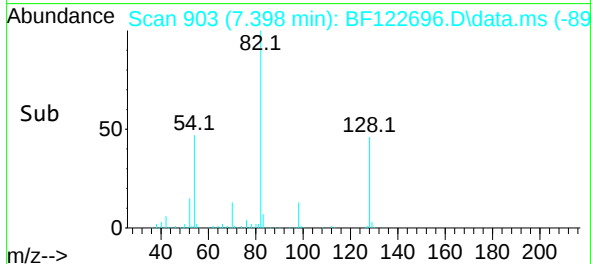
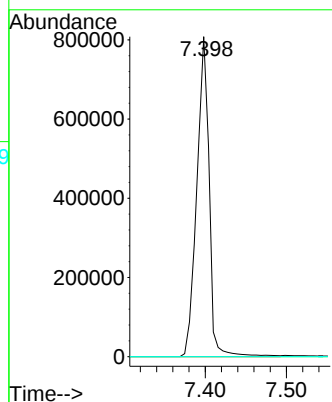
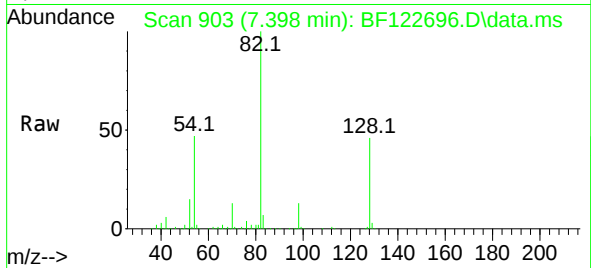




#25
Isophorone
Concen: 43.05 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

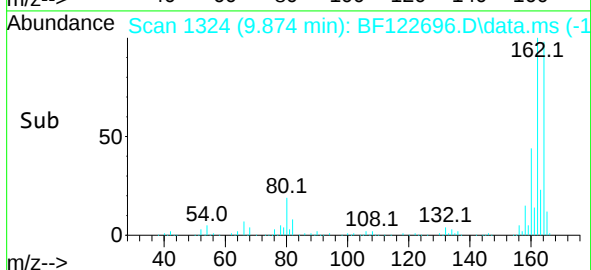
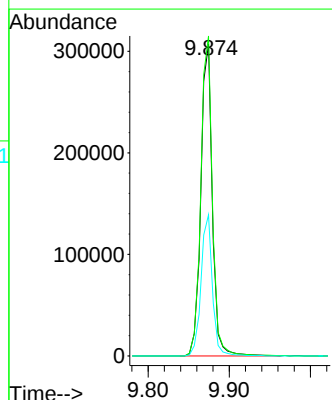
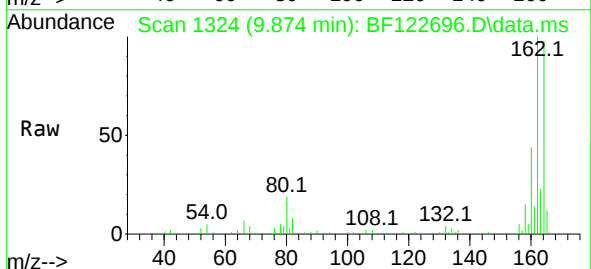
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BNA_F
ClientSampleId :
PB133577BL

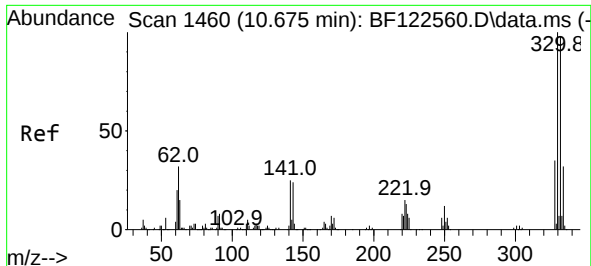
Tgt Ion: 82 Resp: 860233
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Tgt Ion:164 Resp: 302349
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 45.2 35.4 53.0

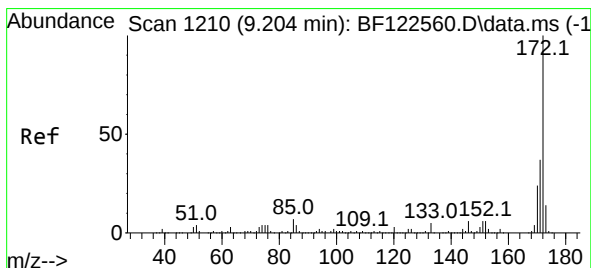
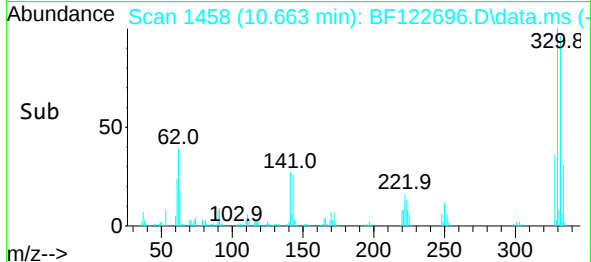
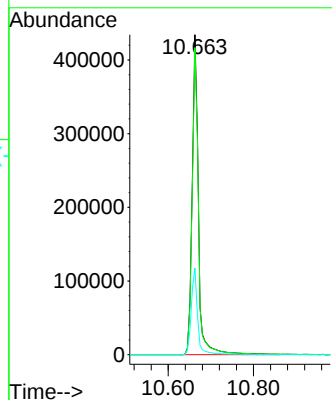
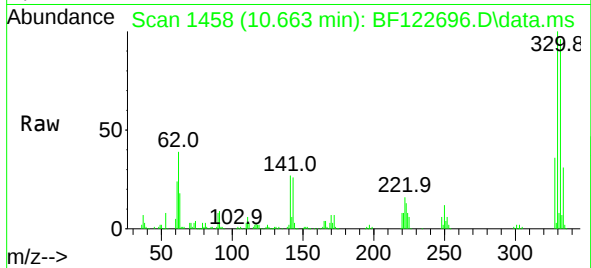




#42
 2,4,6-Tribromophenol
 Concen: 112.12 ng
 RT: 10.663 min Scan# 1458
 Delta R.T. -0.012 min
 Lab File: BF122696.D
 Acq: 14 Dec 2020 9:40

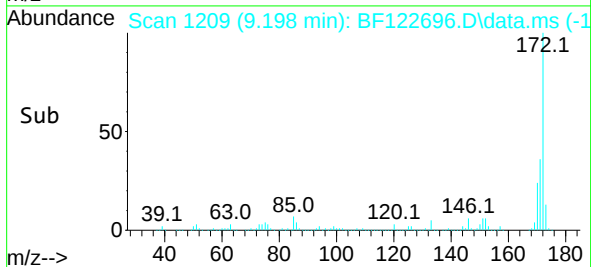
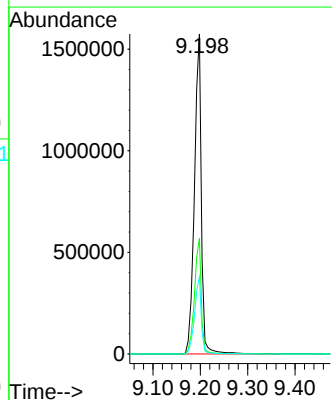
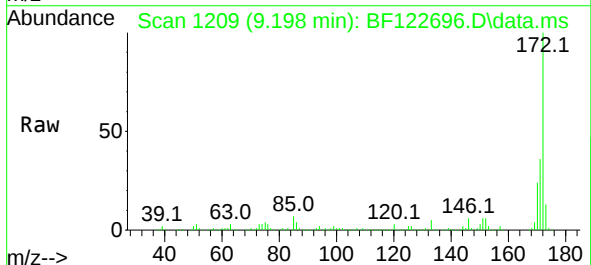
Instrument :
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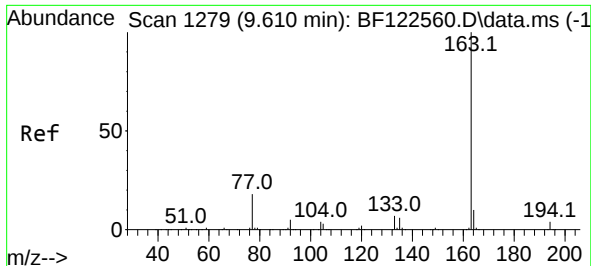
Tgt Ion: 330 Resp: 443744
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.5 116.3
 141 27.6 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 71.97 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF122696.D
 Acq: 14 Dec 2020 9:40

Tgt Ion: 172 Resp: 1608680
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 19.5 29.3

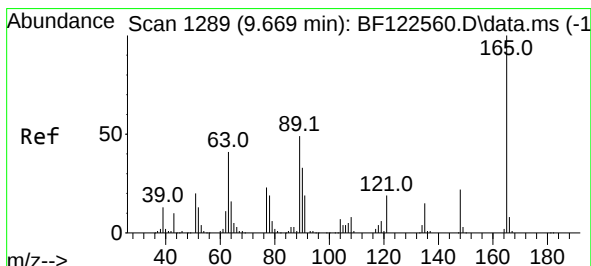
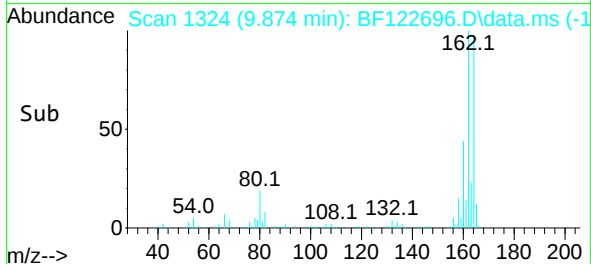
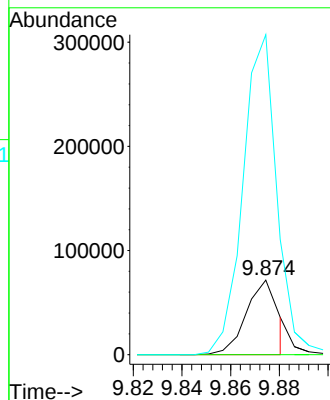
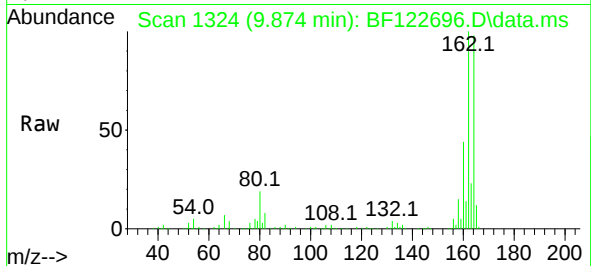




#50
Dimethylphthalate
Concen: 2.68 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.264 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

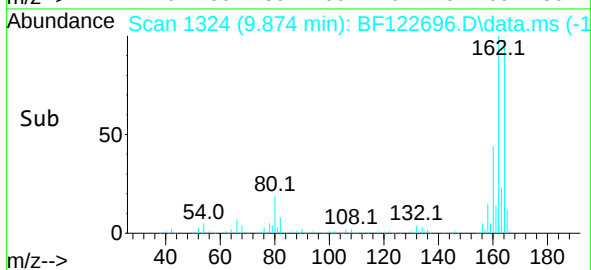
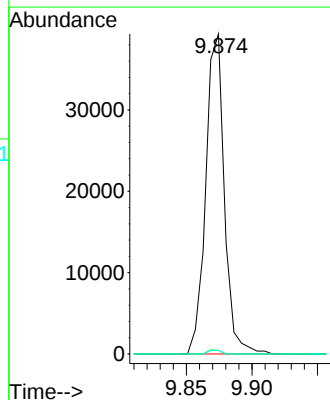
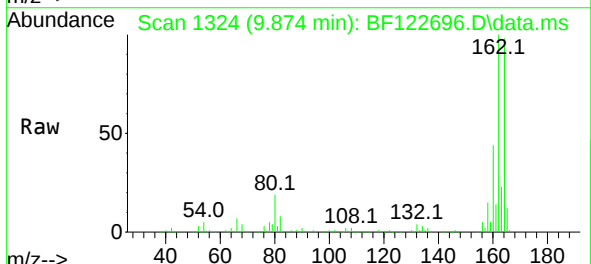
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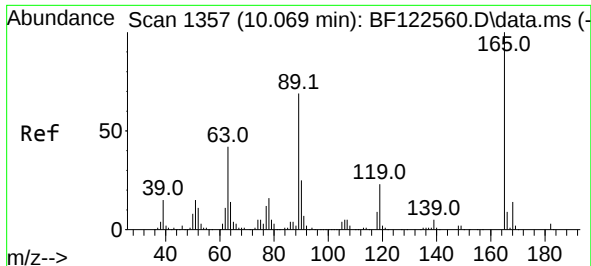
Tgt Ion:163 Resp: 64816
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 428.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

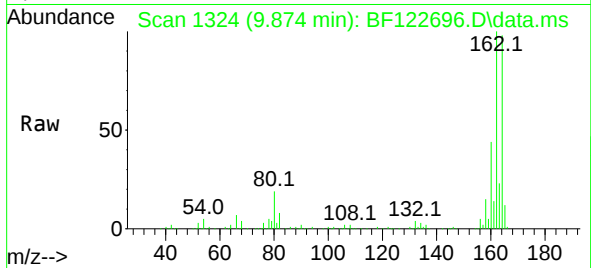
Tgt Ion:165 Resp: 38909
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.1 39.4 59.0#



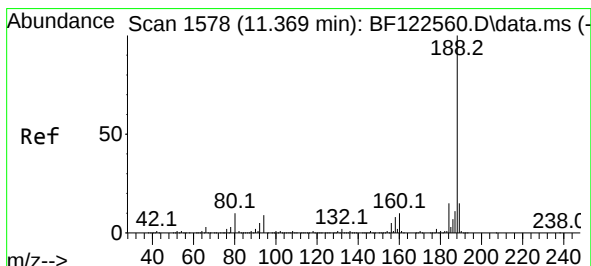
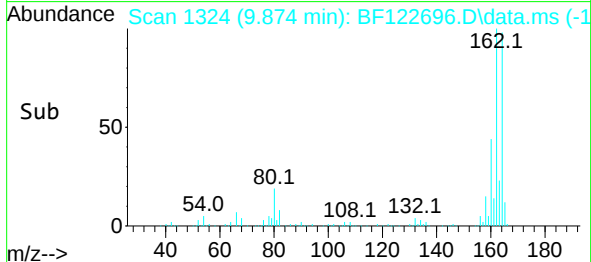
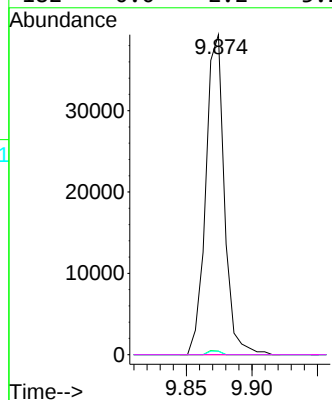


#57
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Instrument :
BNA_F
ClientSampleId :
PB133577BL

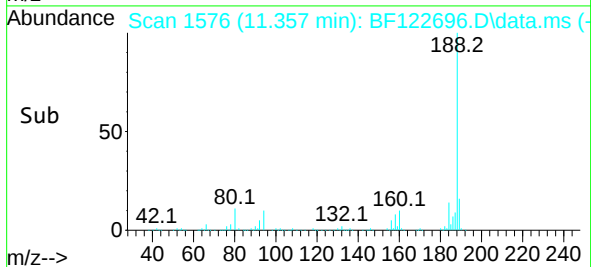
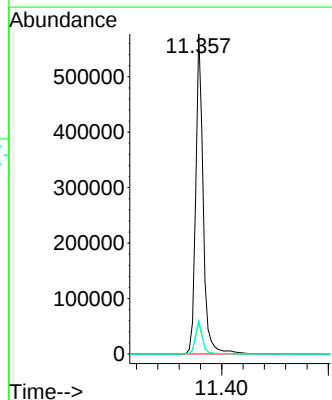
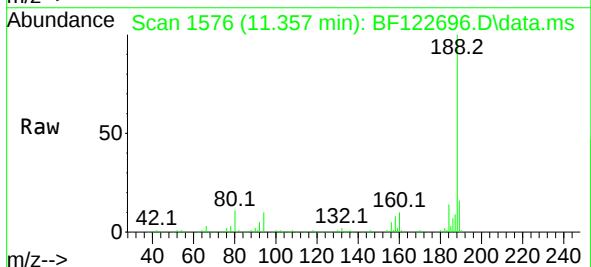


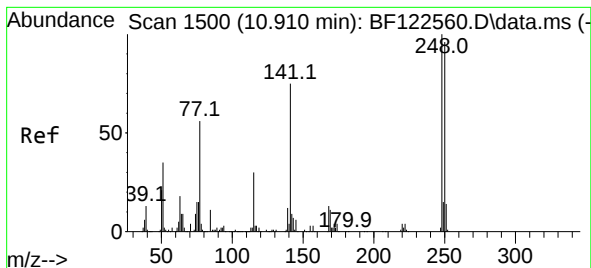
Tgt Ion:165 Resp: 38909
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Tgt Ion:188 Resp: 560793
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.5 8.2 12.4

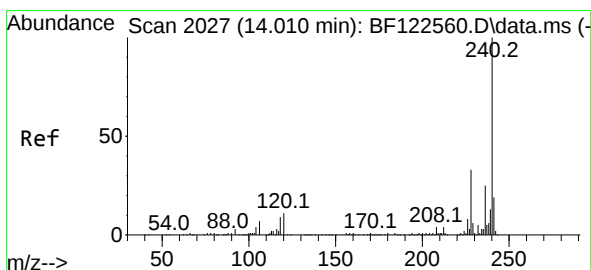
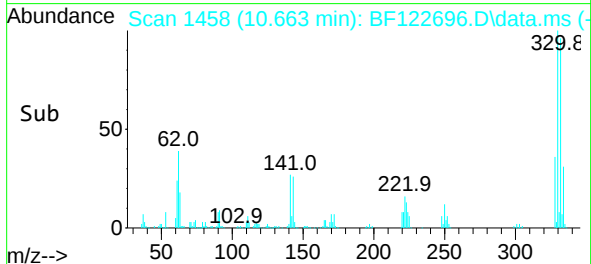
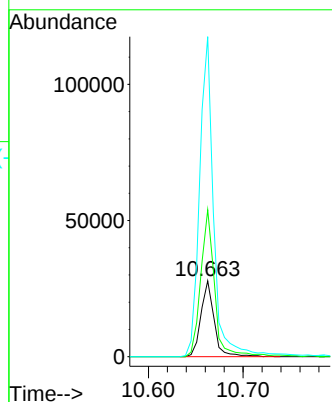
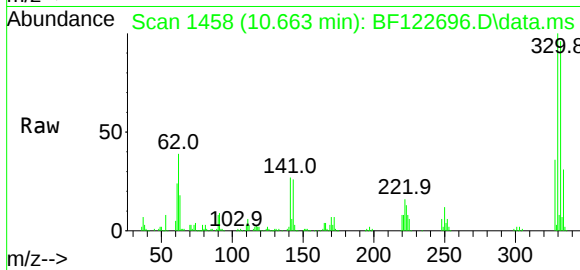




#67
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

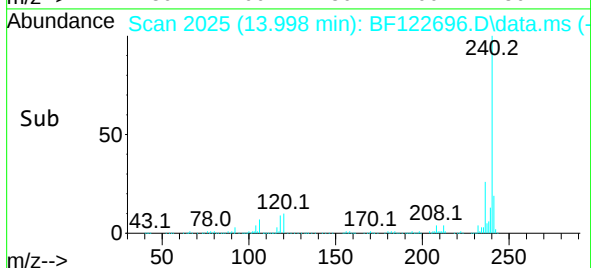
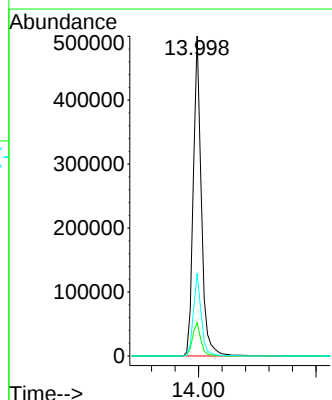
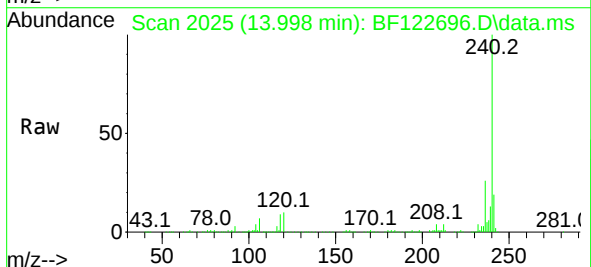
Instrument :
BNA_F
ClientSampleId :
PB133577BL

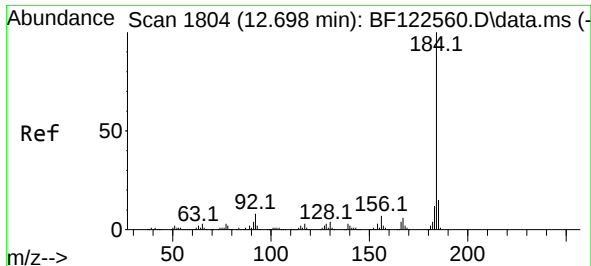
Tgt Ion:248 Resp: 27029
Ion Ratio Lower Upper
248 100
250 193.6 76.8 115.2#
141 421.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Tgt Ion:240 Resp: 475548
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.9 20.3 30.5

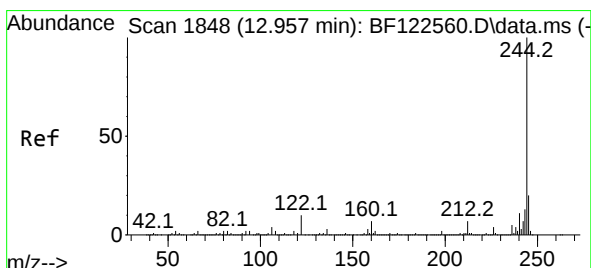
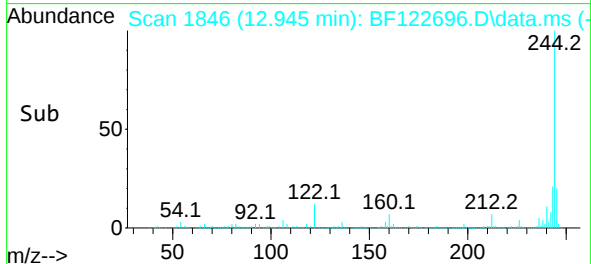
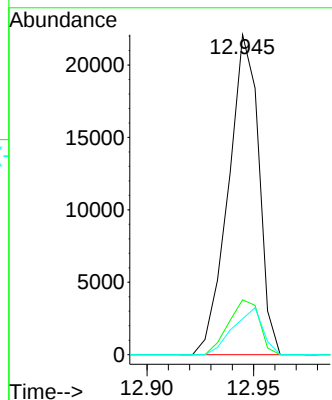
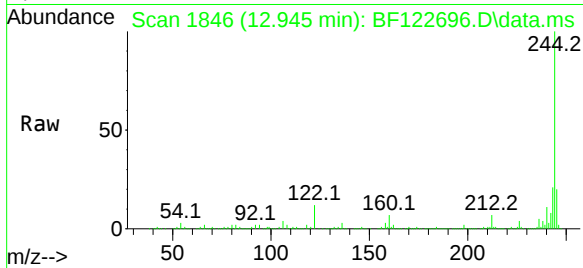




#77
Benzidine
Concen: 2.14 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

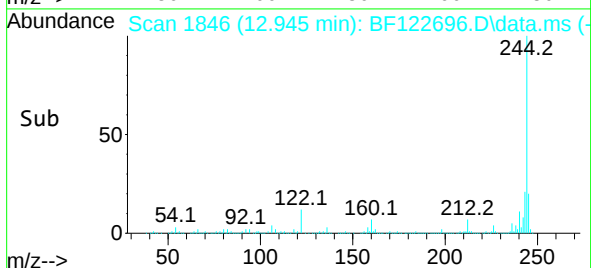
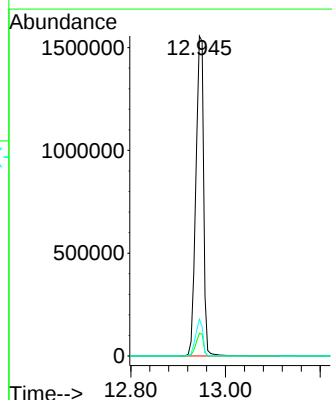
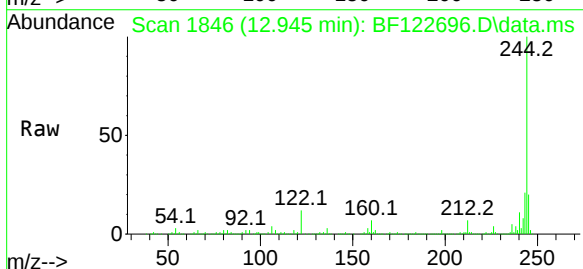
Instrument :
BNA_F
ClientSampleId :
PB133577BL

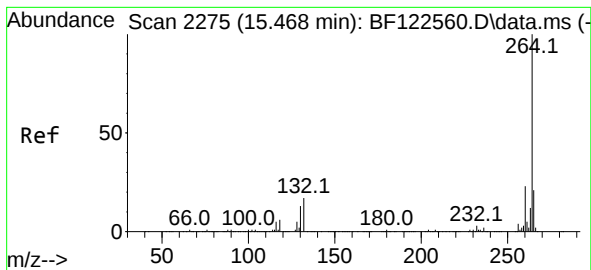
Tgt Ion:184 Resp: 21962
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 11.2 9.7 14.5



#79
Terphenyl-d14
Concen: 64.84 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122696.D
Acq: 14 Dec 2020 9:40

Tgt Ion:244 Resp: 1761412
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122696.D
 Acq: 14 Dec 2020 9:40

Instrument :
 BNA_F
 ClientSampleId :
 PB133577BL

Tgt Ion:264 Resp: 437905
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.8 17.0 25.6

