

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122701.D
 Acq On : 14 Dec 2020 12:29
 Operator : JU/CG
 Sample : PB133578BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133578BL

Quant Time: Dec 14 16:54:17 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)

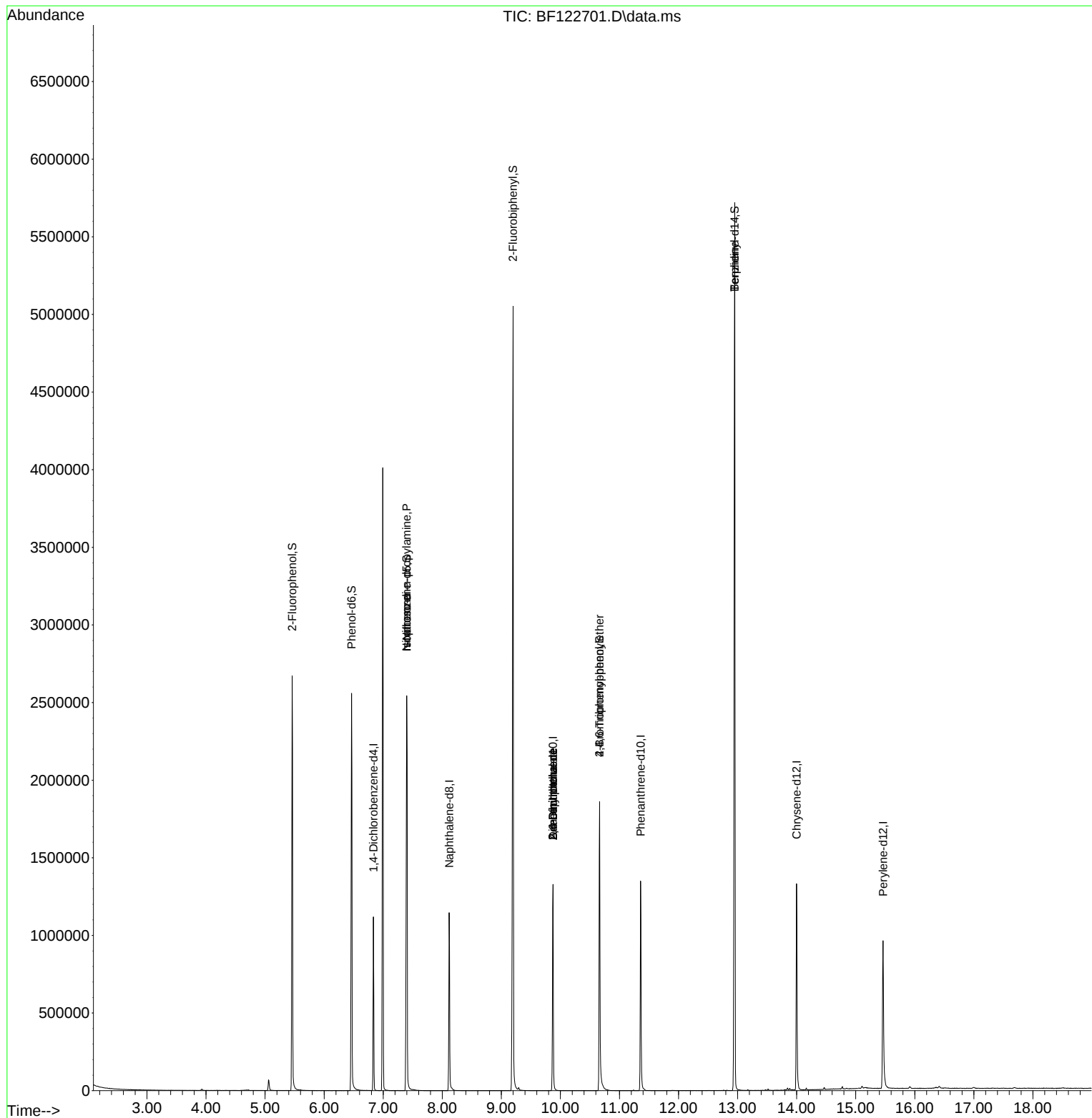
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	162328	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	602818	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	313575	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	582161	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	535784	20.00	ng	-0.01
86) Perylene-d12	15.463	264	518808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	824912	80.45	ng	0.00
7) Phenol-d6	6.463	99	1029137	75.68	ng	-0.02
23) Nitrobenzene-d5	7.398	82	1060621	88.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	310176	75.57	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1892122	81.61	ng	0.00
79) Terphenyl-d14	12.951	244	2357872	77.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	139237	17.88	ng	Qvalue # 78
25) Isophorone	7.398	82	1056267	50.97	ng	# 65
50) Dimethylphthalate	9.875	163	65209	2.60	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	40556	7.67	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	40556	5.76	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	18877	2.39	ng	# 1
77) Benzidine	12.951	184	28444	2.45	ng	# 92

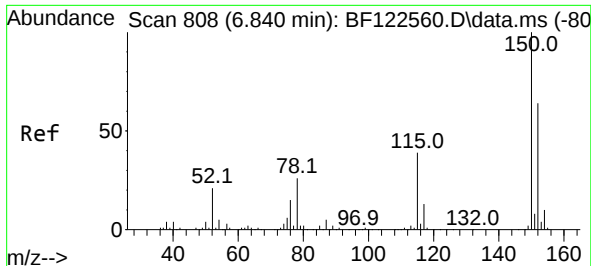
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

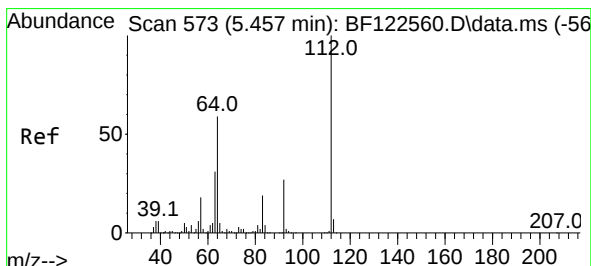
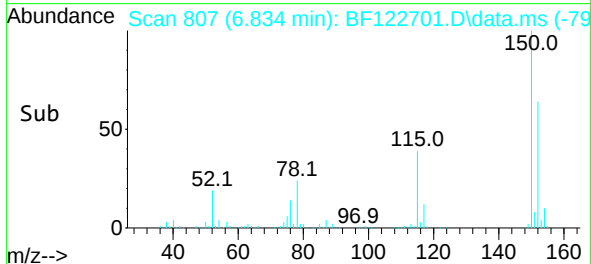
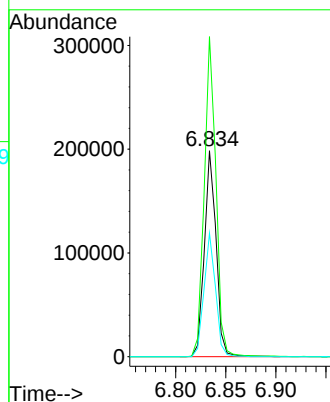
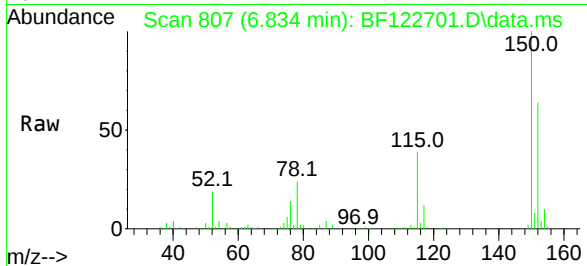




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

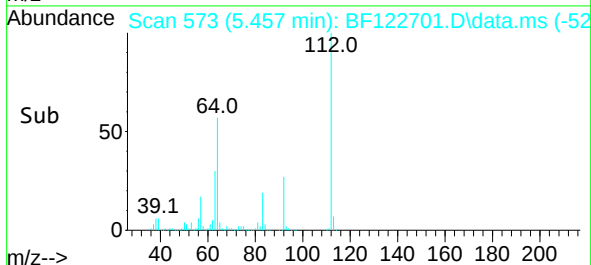
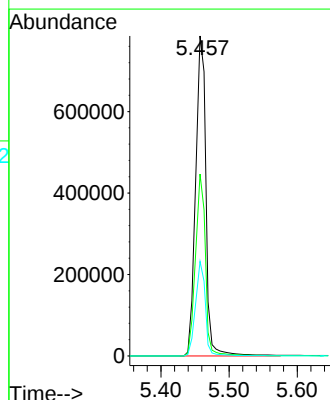
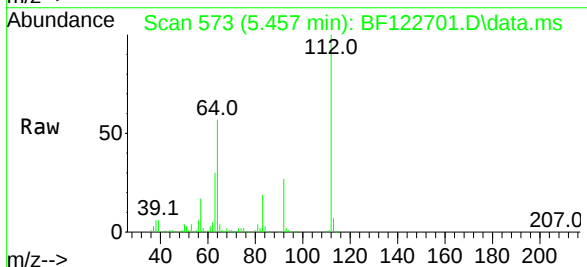
Instrument :
BNA_F
ClientSampleId :
PB133578BL

Tgt Ion:152 Resp: 162328
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 60.0 49.3 73.9



#5
2-Fluorophenol
Concen: 80.45 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

Tgt Ion:112 Resp: 824912
Ion Ratio Lower Upper
112 100
64 56.8 46.9 70.3
63 29.5 24.5 36.7

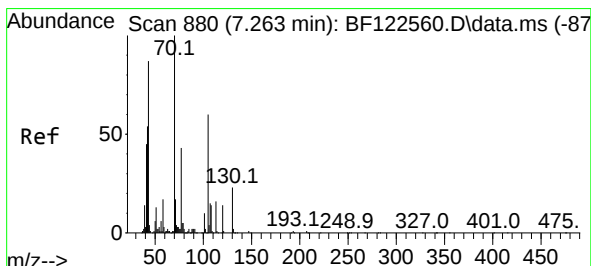
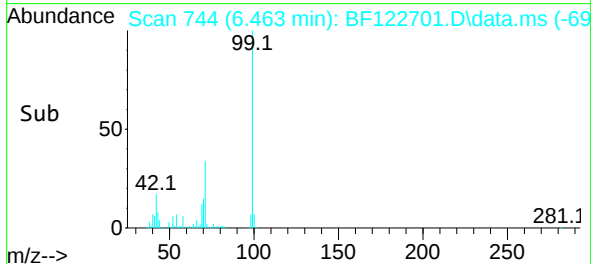
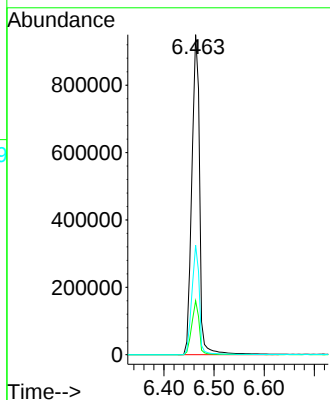
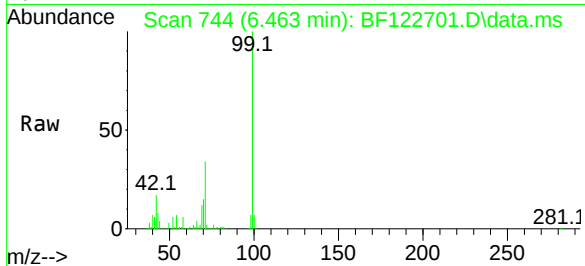




#7
Phenol-d6
Concen: 75.68 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

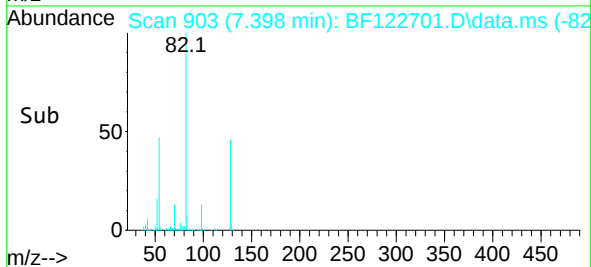
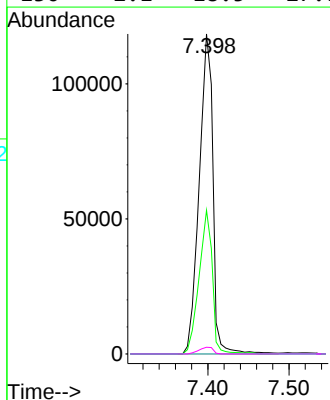
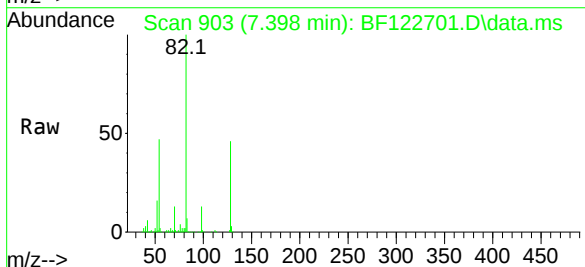
Instrument :
BNA_F
ClientSampleId :
PB133578BL

Tgt Ion: 99 Resp: 1029137
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.6
71 34.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.88 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

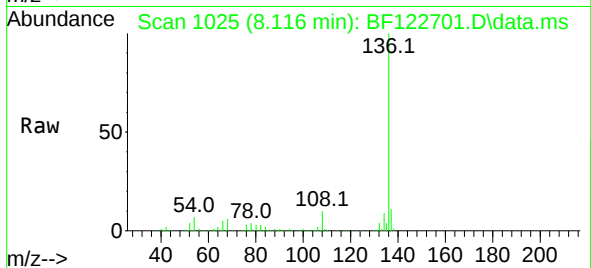
Tgt Ion: 70 Resp: 139237
Ion Ratio Lower Upper
70 100
42 44.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



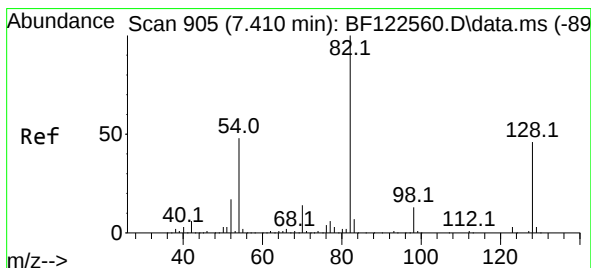
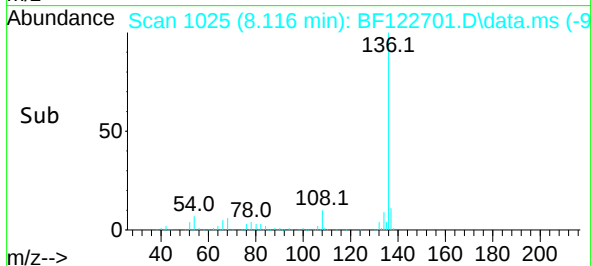
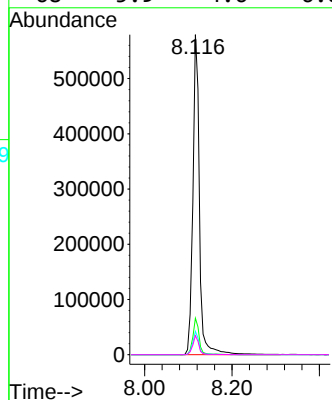


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

Instrument :
BNA_F
ClientSampleId :
PB133578BL

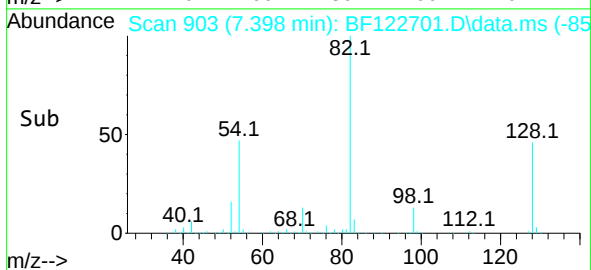
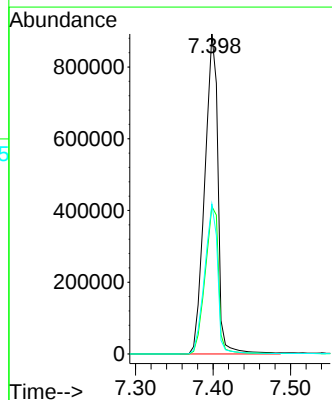
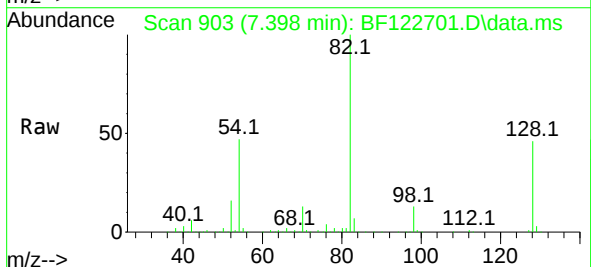


Tgt	Ion:136	Resp:	602818
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.3	5.5	8.3
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 88.15 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

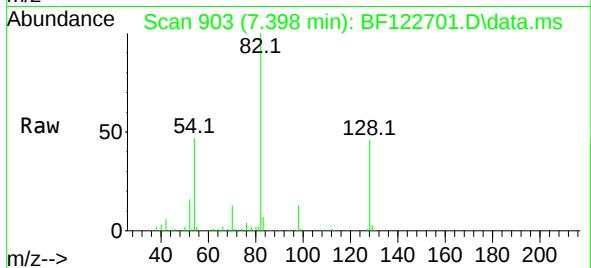
Tgt Ion: 82		Resp: 1060621	
Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	46.8	38.4	57.6



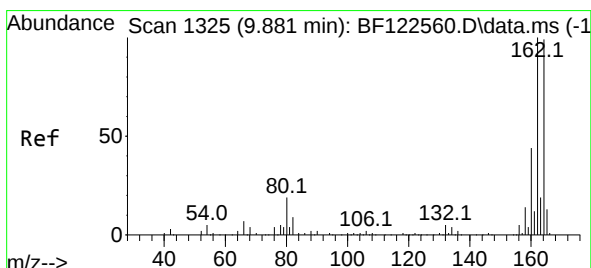
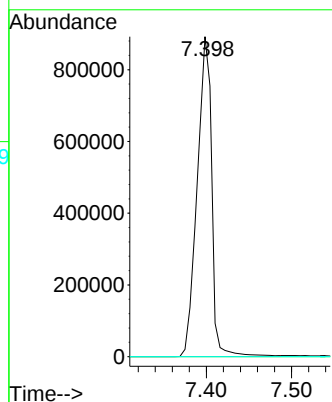
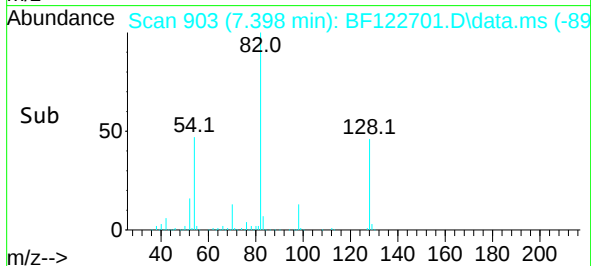


#25
Isophorone
Concen: 50.97 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

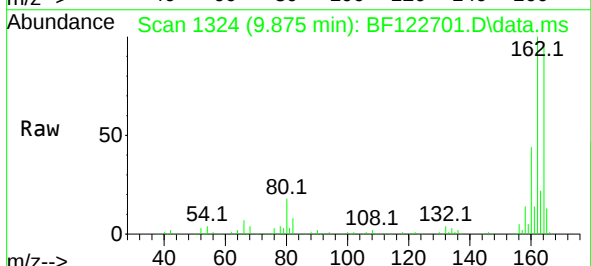
Instrument :
BNA_F
ClientSampleId :
PB133578BL



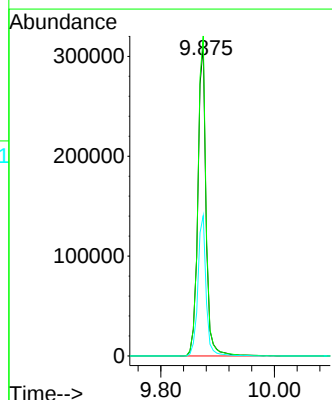
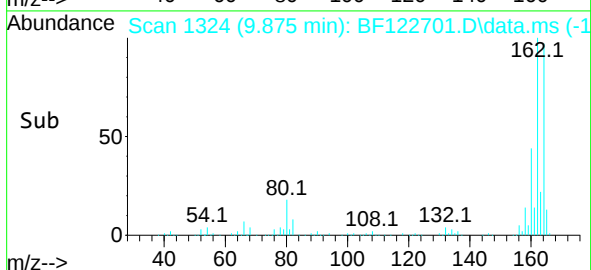
Tgt Ion: 82 Resp: 1056267
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

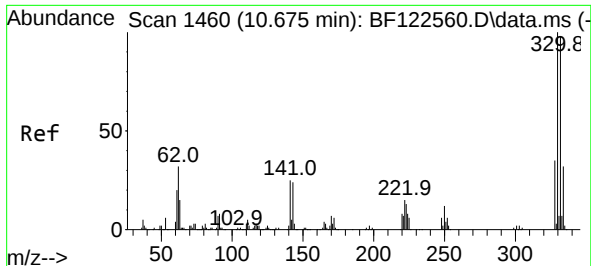


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29



Tgt Ion: 164 Resp: 313575
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.3 35.4 53.0

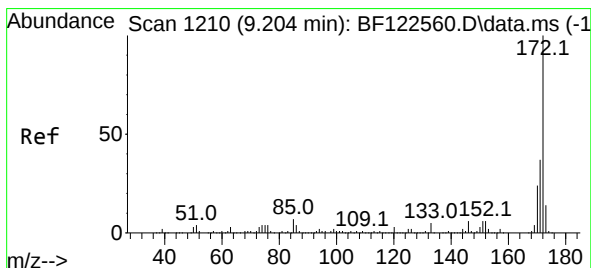
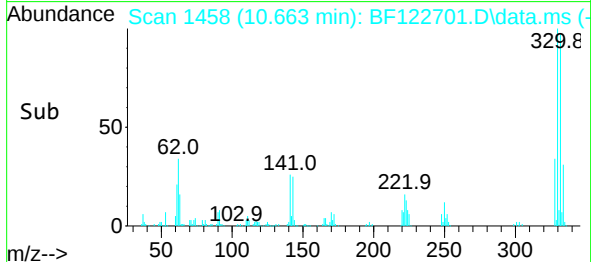
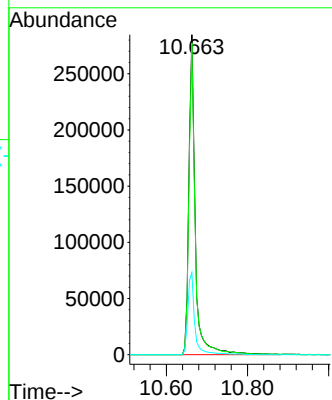
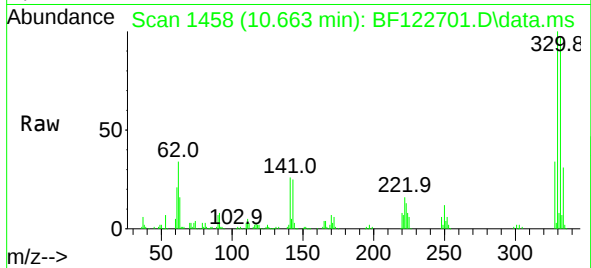




#42
2,4,6-Tribromophenol
Concen: 75.57 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

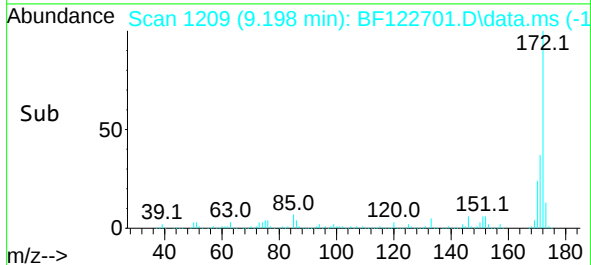
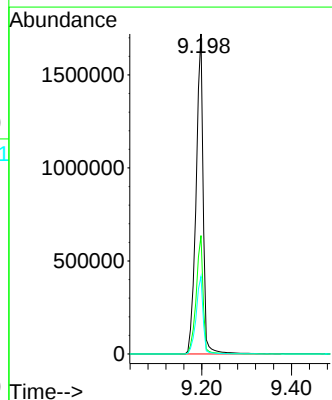
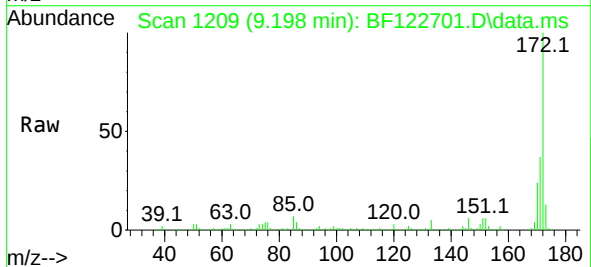
Instrument :
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ClientSampleId :
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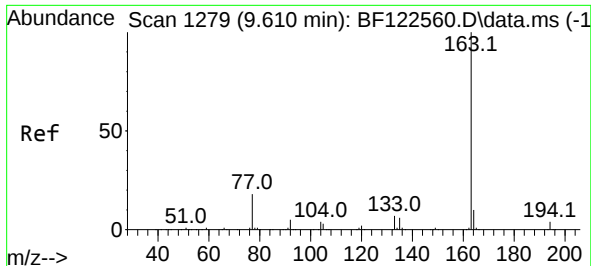
Tgt Ion: 330 Resp: 310176
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 27.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 81.61 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

Tgt Ion: 172 Resp: 1892122
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.2 19.5 29.3

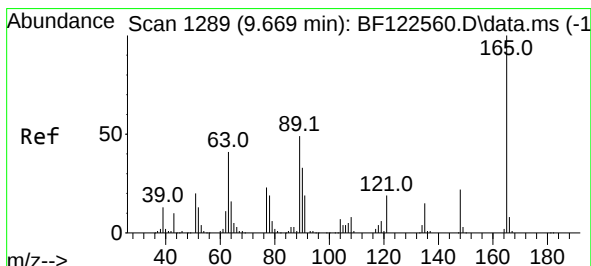
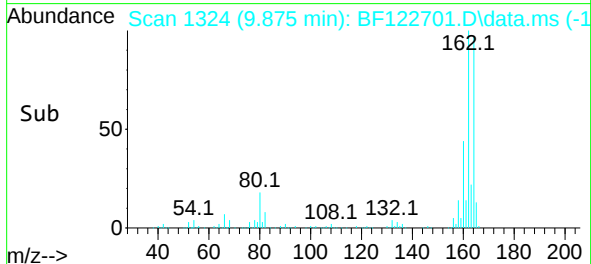
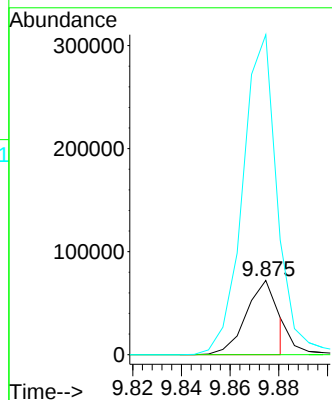
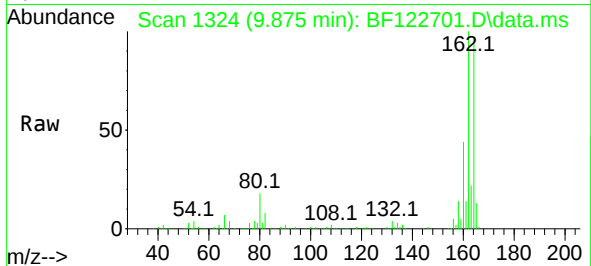




#50
Dimethylphthalate
Concen: 2.60 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.265 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

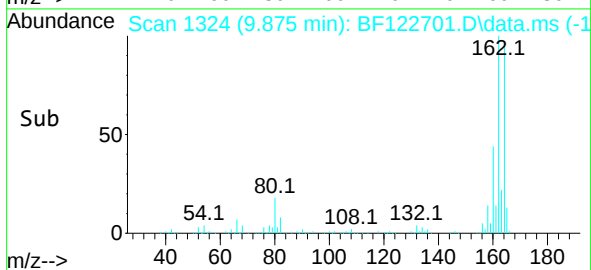
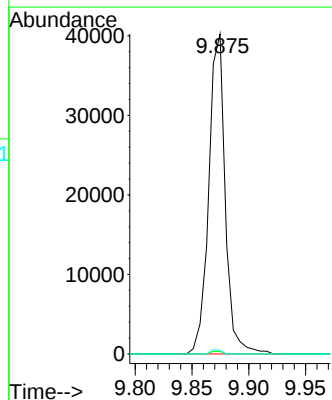
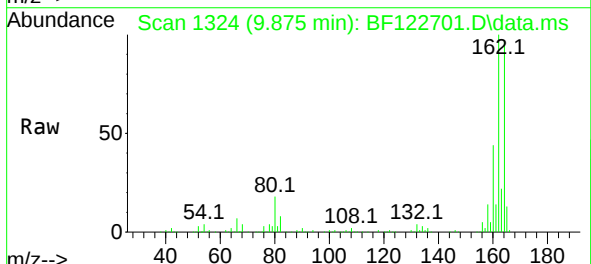
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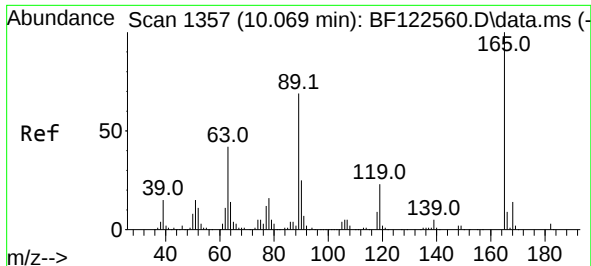
Tgt Ion:163 Resp: 65209
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 431.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

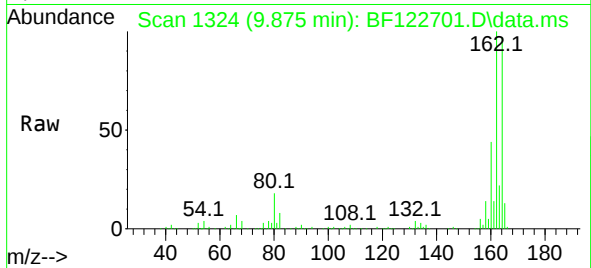
Tgt Ion:165 Resp: 40556
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.1 39.4 59.0#



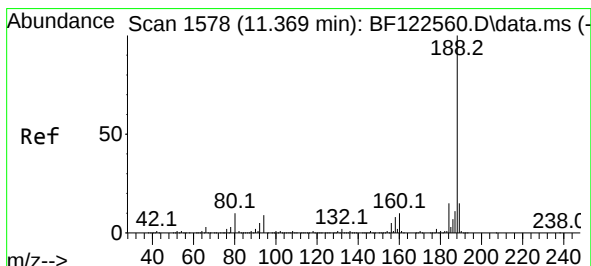
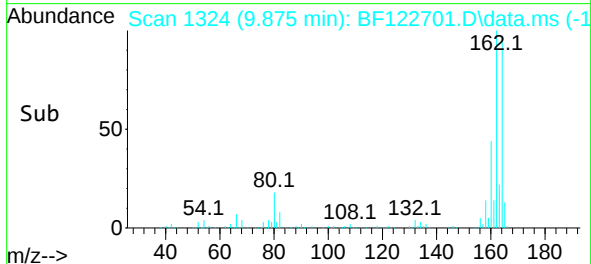
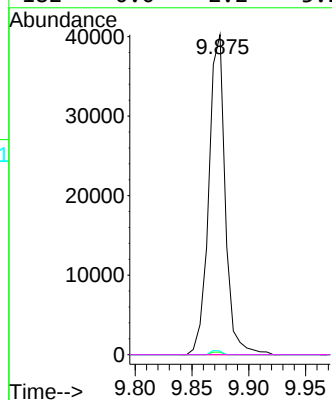


#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

Instrument :
BNA_F
ClientSampleId :
PB133578BL

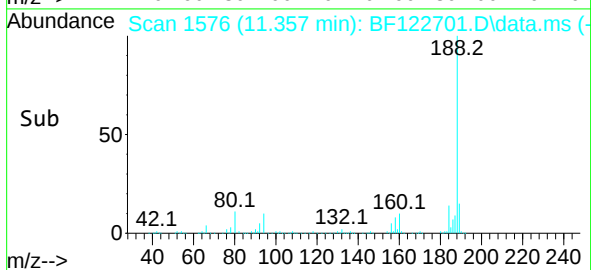
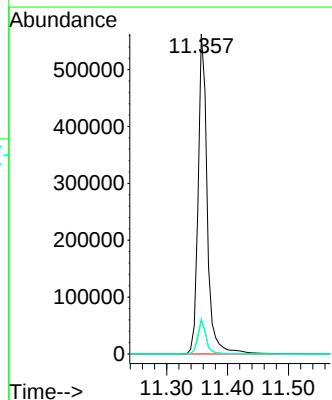
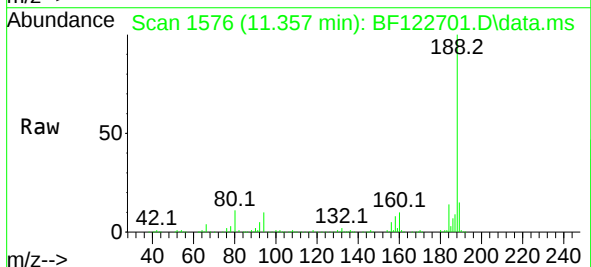


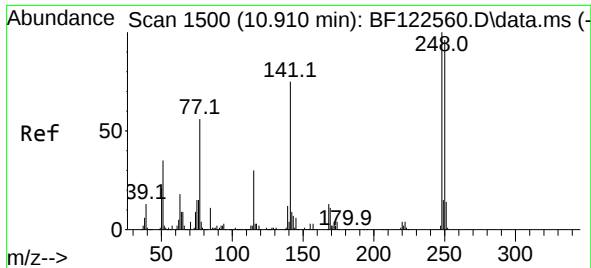
Tgt Ion:165	Resp:	40556
Ion Ratio	Lower	Upper
165	100	
63	0.8	34.3 51.5#
89	1.1	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

Tgt Ion:188	Resp:	582161
Ion Ratio	Lower	Upper
188	100	
94	10.5	7.4 11.2
80	11.1	8.2 12.4

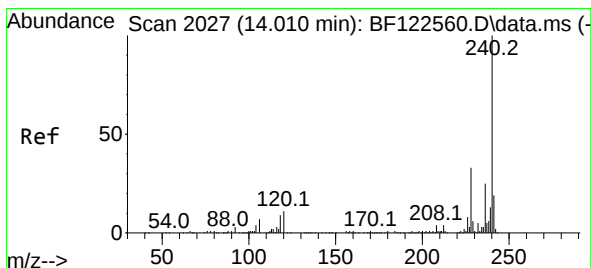
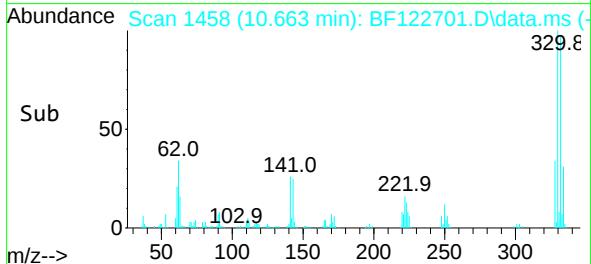
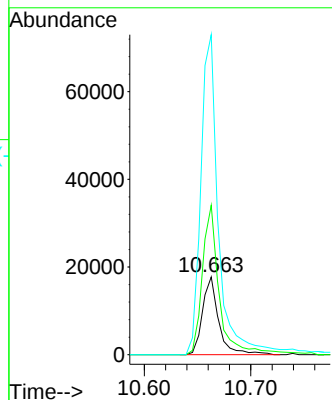
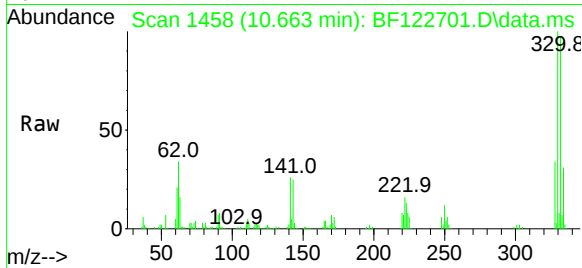




#67
4-Bromophenyl-phenylether
Concen: 2.39 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

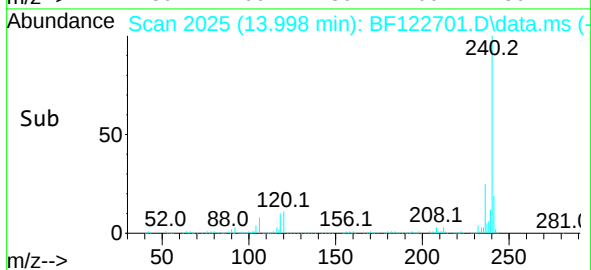
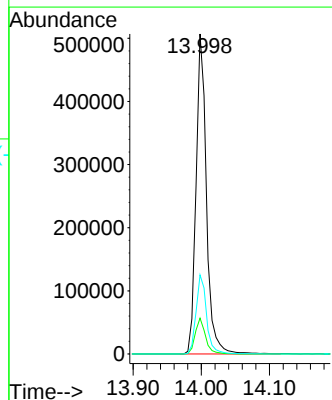
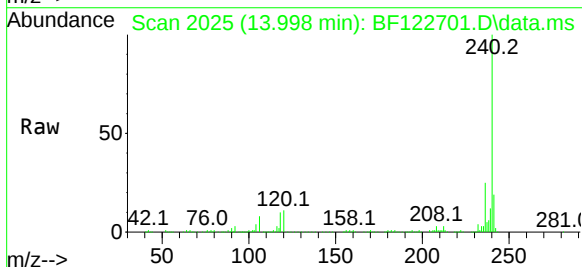
Instrument :
BNA_F
ClientSampleId :
PB133578BL

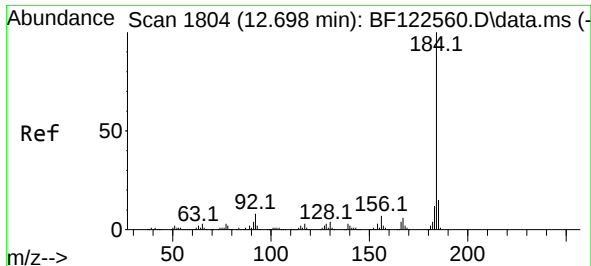
Tgt Ion:248 Resp: 18877
Ion Ratio Lower Upper
248 100
250 192.2 76.8 115.2#
141 411.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

Tgt Ion:240 Resp: 535784
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 24.7 20.3 30.5

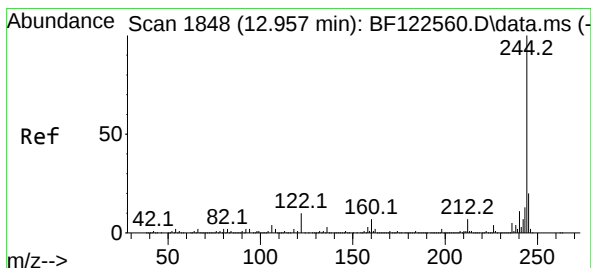
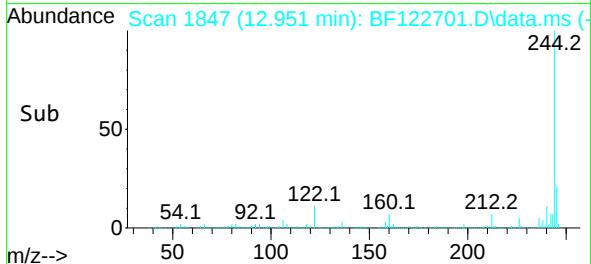
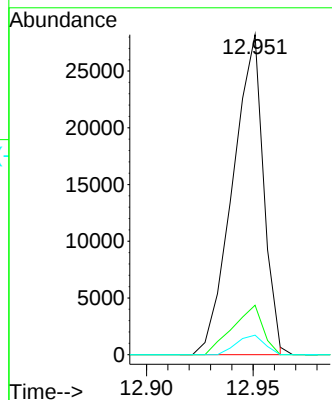
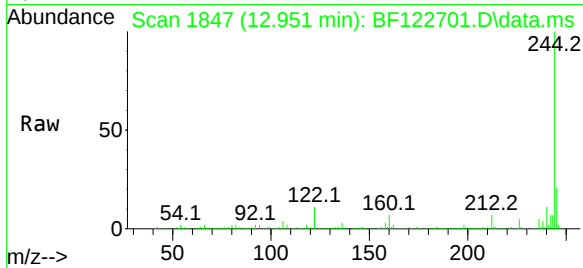




#77
Benzidine
Concen: 2.45 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

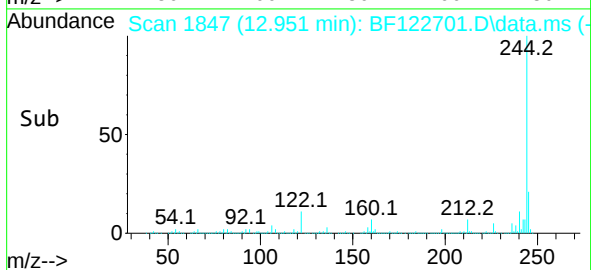
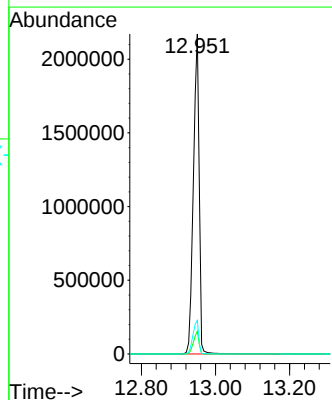
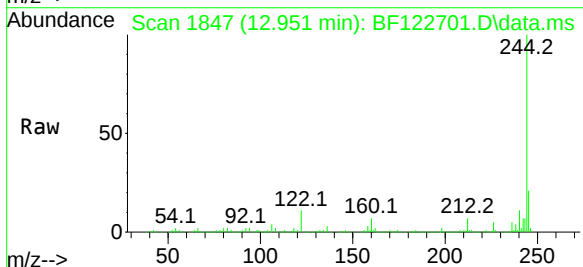
Instrument :
BNA_F
ClientSampleId :
PB133578BL

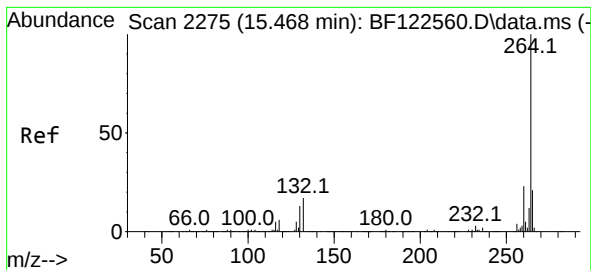
Tgt Ion:184 Resp: 28444
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.6
183 6.1 9.7 14.5#



#79
Terphenyl-d14
Concen: 77.03 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122701.D
Acq: 14 Dec 2020 12:29

Tgt Ion:244 Resp: 2357872
Ion Ratio Lower Upper
244 100
212 7.1 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: BF122701.D

Acq: 14 Dec 2020 12:29

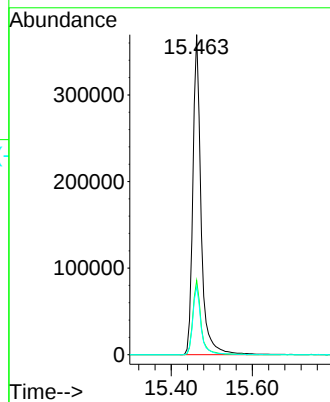
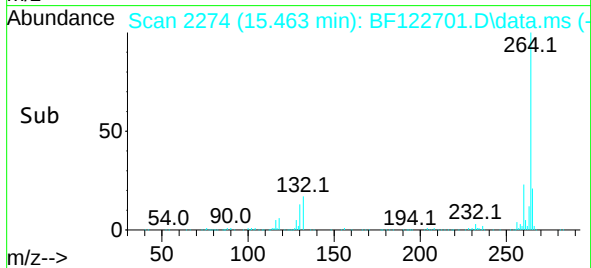
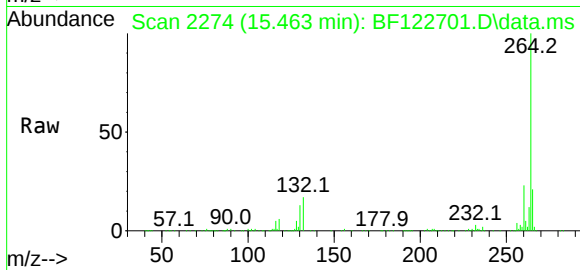
Tgt Ion:264 Resp: 518808

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.4 17.0 25.6



Instrument :

BNA_F

ClientSampleId :

PB133578BL