

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123254.D
 Acq On : 22 Feb 2021 12:03
 Operator : JU/CG
 Sample : PB134747BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134747BL

Quant Time: Feb 22 12:24:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

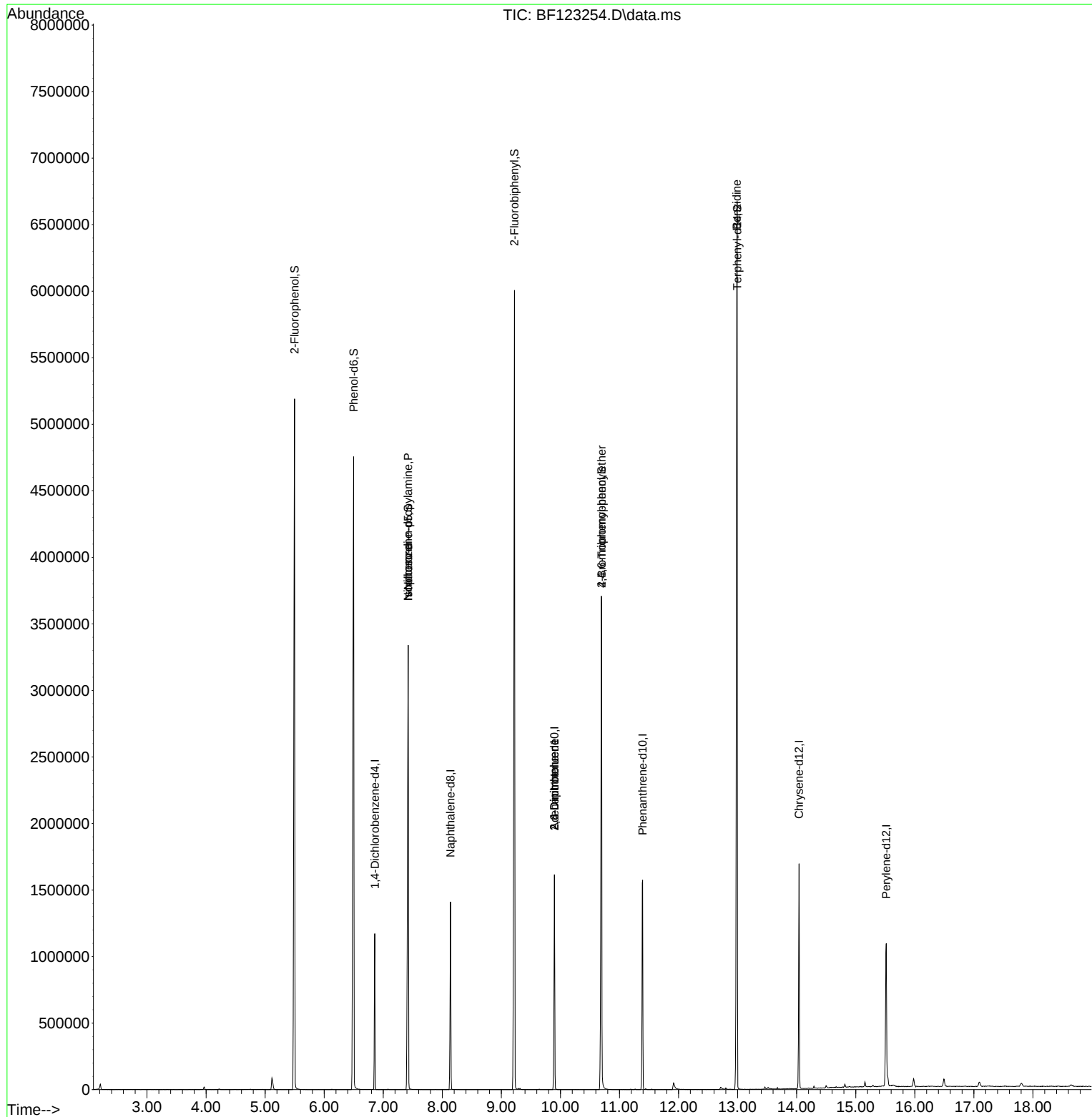
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	151227	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	615724	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	313873	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	603345	20.00	ng	0.00
76) Chrysene-d12	14.039	240	516395	20.00	ng	0.00
86) Perylene-d12	15.515	264	485935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1568519	149.29	ng	0.02
7) Phenol-d6	6.498	99	2007036	140.61	ng	0.00
23) Nitrobenzene-d5	7.422	82	1348325	100.24	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	493586	154.44	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2079868	95.18	ng	0.00
79) Terphenyl-d14	12.992	244	2352734	87.61	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	3298	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.422	70	184479	21.72	ng	# 81
25) Isophorone	7.422	82	1337671	53.18	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	40729	7.53	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	40729	5.60	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	36585	5.56	ng	# 1
77) Benzydine	12.986	184	34314	2.06	ng	94

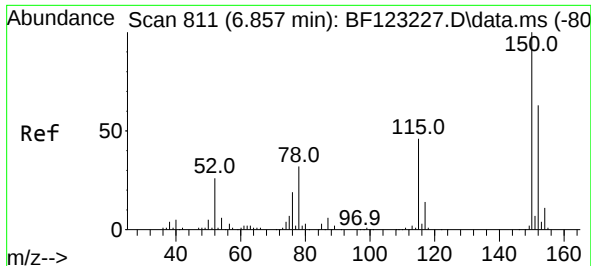
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
Data File : BF123254.D
Acq On : 22 Feb 2021 12:03
Operator : JU/CG
Sample : PB134747BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134747BL

Quant Time: Feb 22 12:24:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

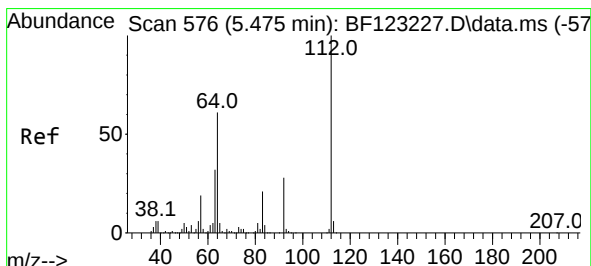
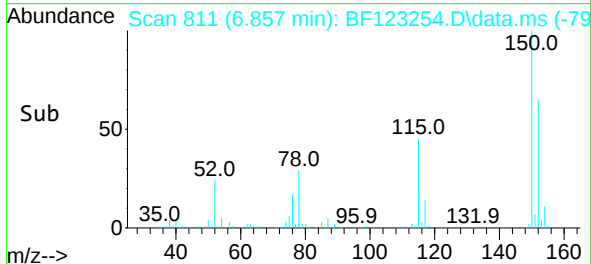
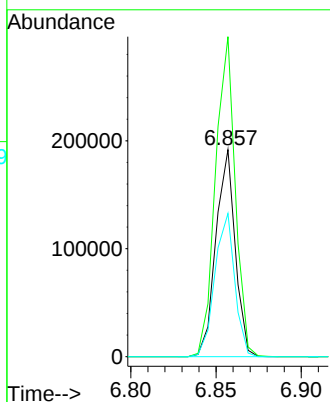
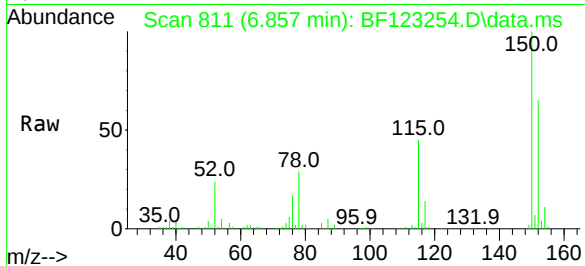




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

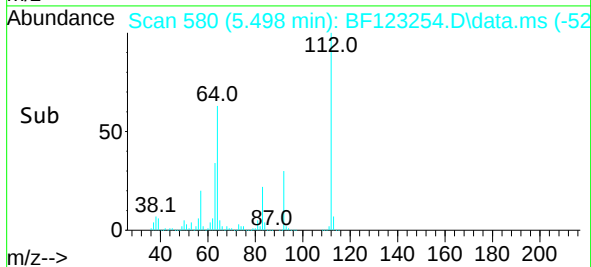
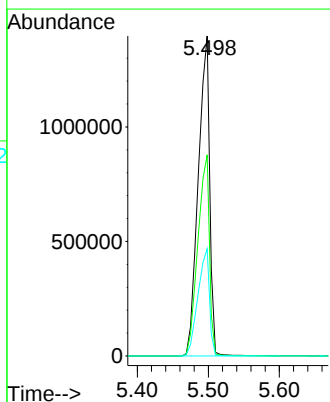
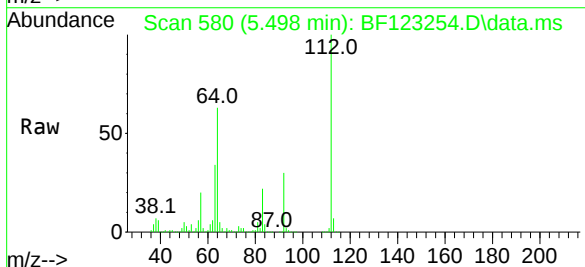
Instrument :
BNA_F
ClientSampleId :
PB134747BL

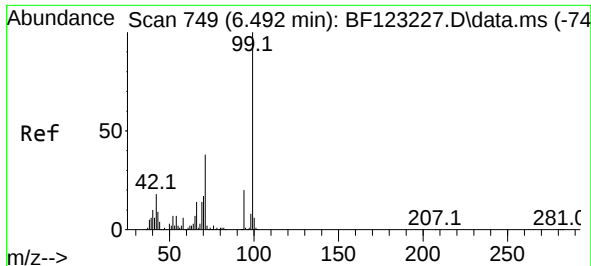
Tgt Ion:152 Resp: 151227
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 69.2 49.3 73.9



#5
2-Fluorophenol
Concen: 149.29 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.023 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

Tgt Ion:112 Resp: 1568519
Ion Ratio Lower Upper
112 100
64 62.8 46.9 70.3
63 33.5 24.5 36.7

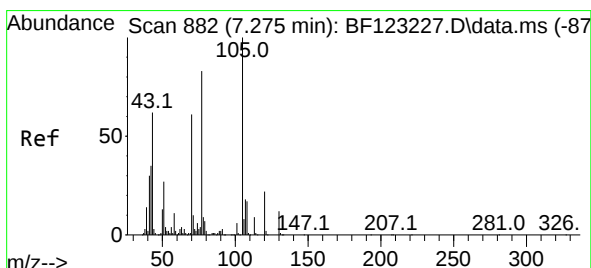
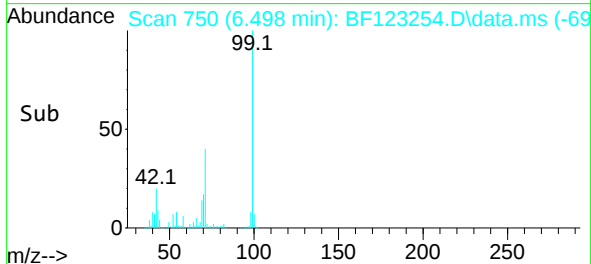
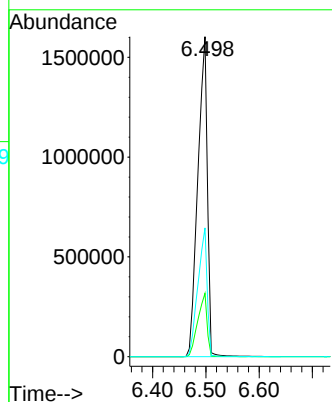
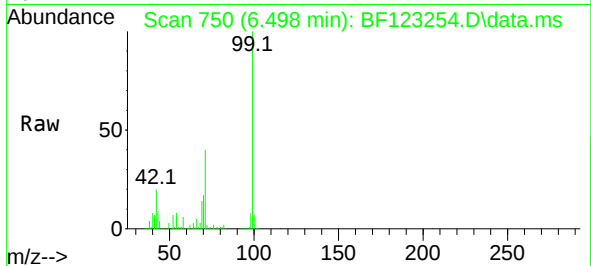




#7
Phenol-d6
Concen: 140.61 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

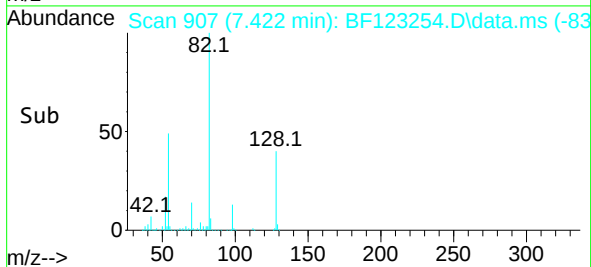
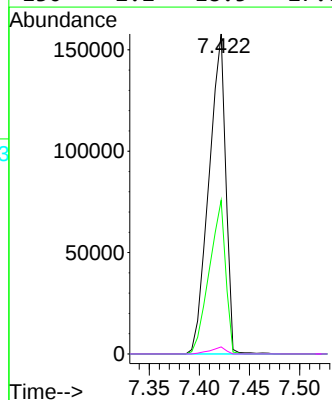
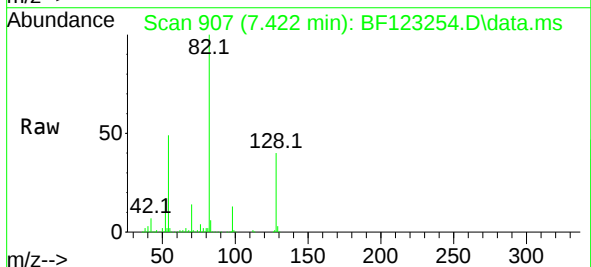
Instrument :
BNA_F
ClientSampleId :
PB134747BL

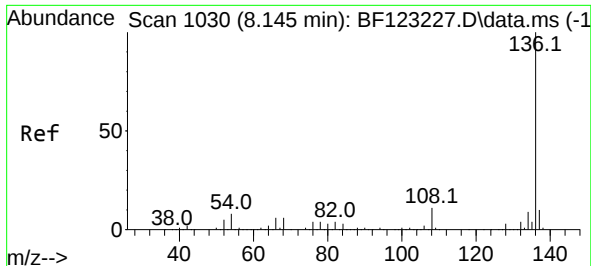
Tgt Ion: 99 Resp: 2007036
Ion Ratio Lower Upper
99 100
42 19.8 13.8 20.6
71 40.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.72 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

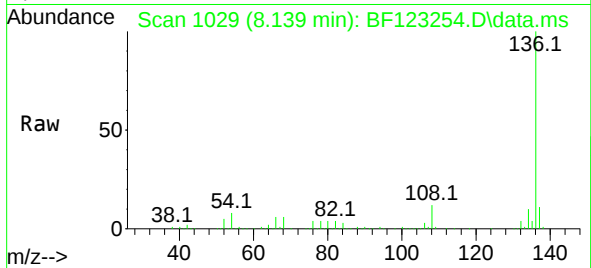
Tgt Ion: 70 Resp: 184479
Ion Ratio Lower Upper
70 100
42 48.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#





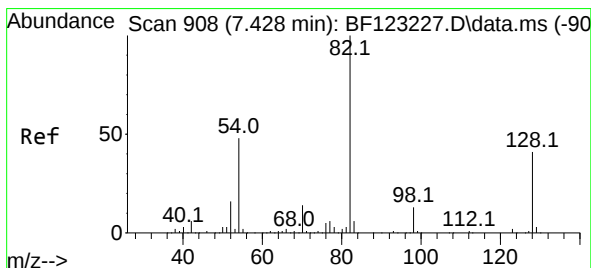
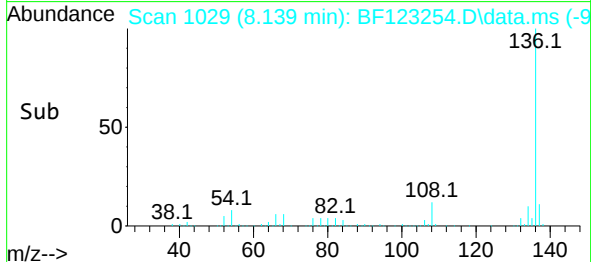
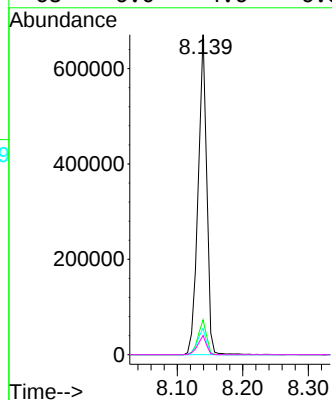
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

Instrument :
BNA_F
ClientSampleId :
PB134747BL



Tgt Ion:136 Resp: 615724

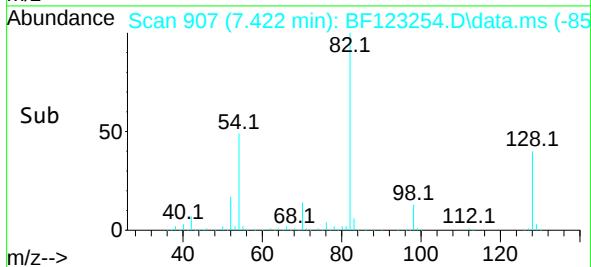
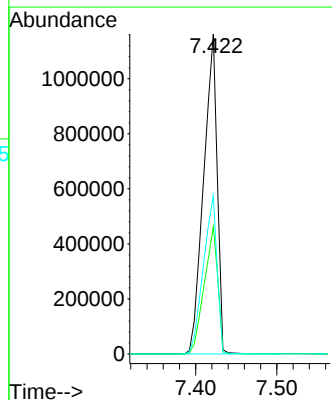
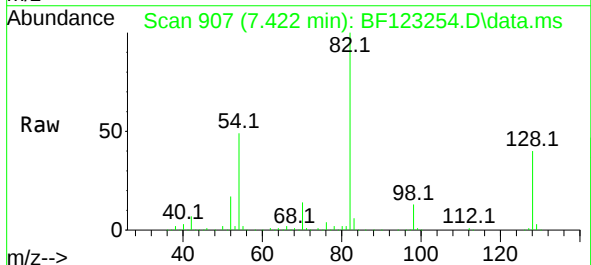
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	5.5	8.3
68	6.0	4.6	6.8

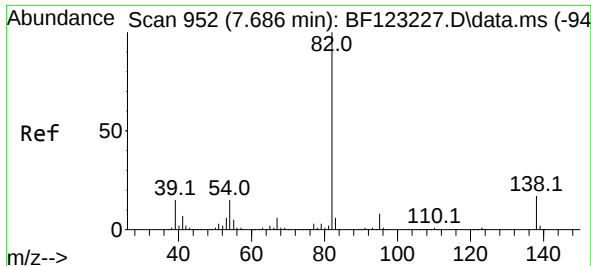


#23
Nitrobenzene-d5
Concen: 100.24 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

Tgt Ion: 82 Resp: 1348325

Ion	Ratio	Lower	Upper
82	100		
128	39.8	37.0	55.4
54	49.4	38.4	57.6

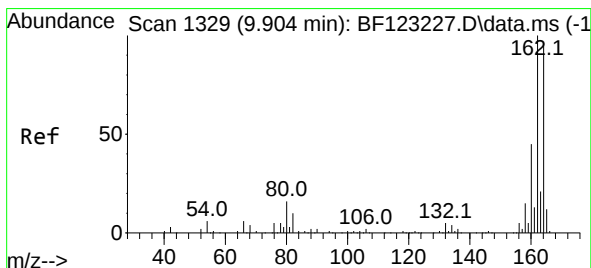
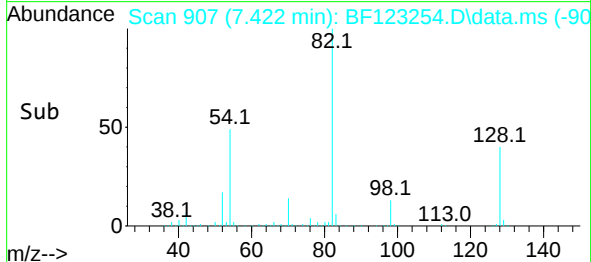
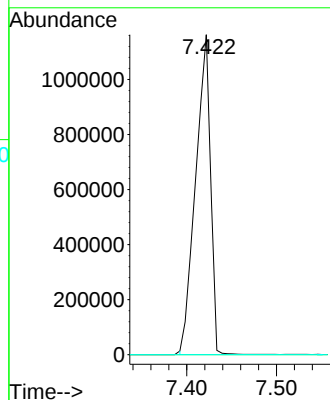
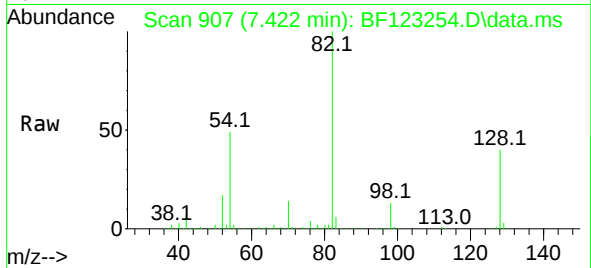




#25
Isophorone
Concen: 53.18 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

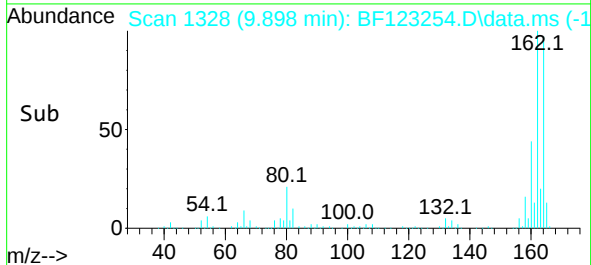
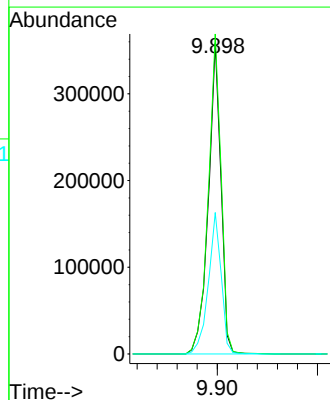
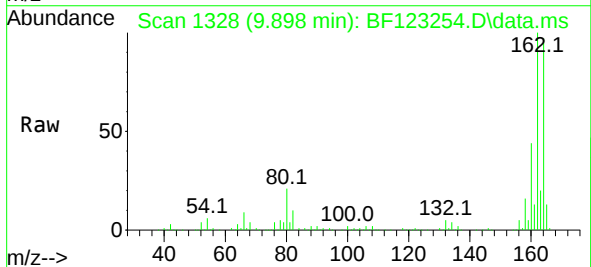
Instrument :
BNA_F
ClientSampleId :
PB134747BL

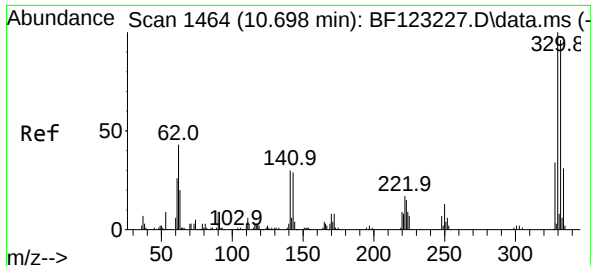
Tgt Ion: 82 Resp: 1337671
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

Tgt Ion: 164 Resp: 313873
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.6 35.4 53.0

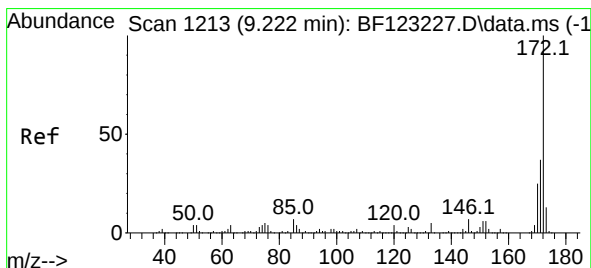
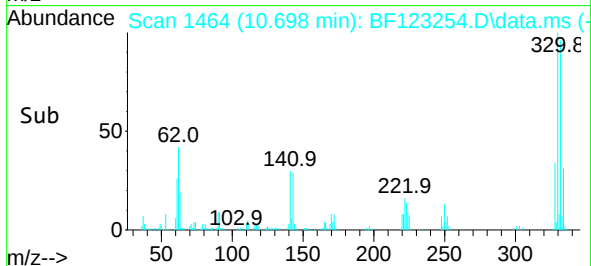
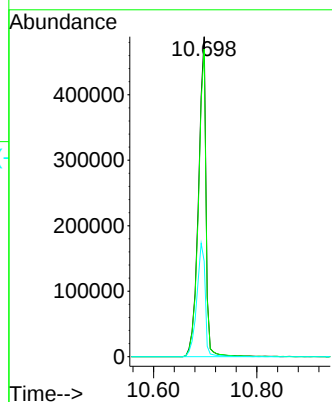
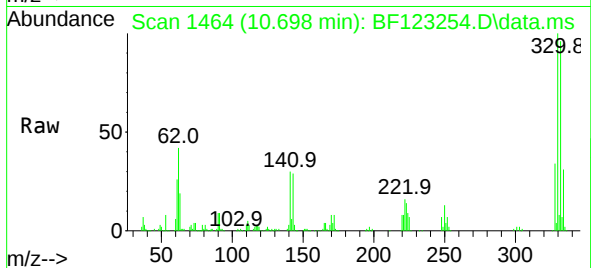




#42
2,4,6-Tribromophenol
Concen: 154.44 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

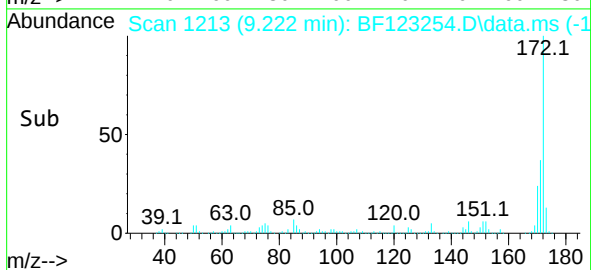
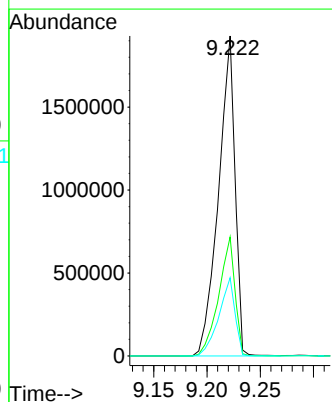
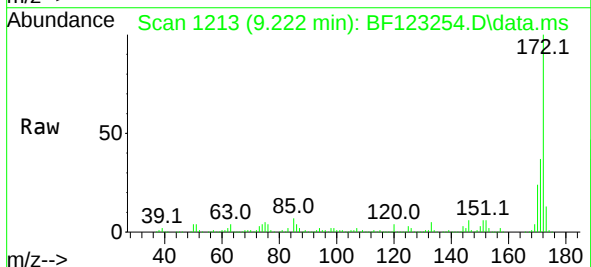
Instrument :
BNA_F
ClientSampleId :
PB134747BL

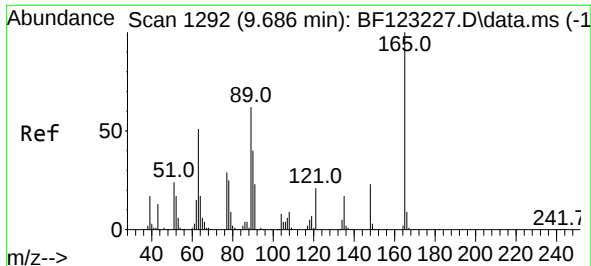
Tgt Ion: 330 Resp: 493586
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 39.7 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 95.18 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

Tgt Ion: 172 Resp: 2079868
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.4 19.5 29.3

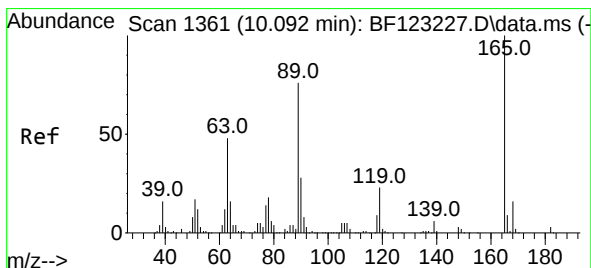
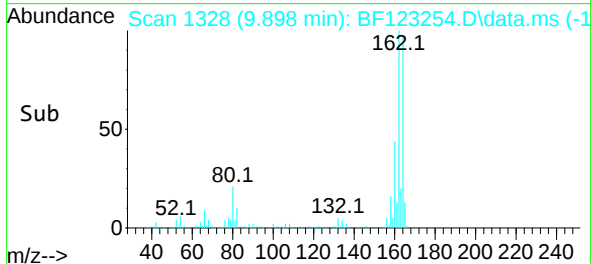
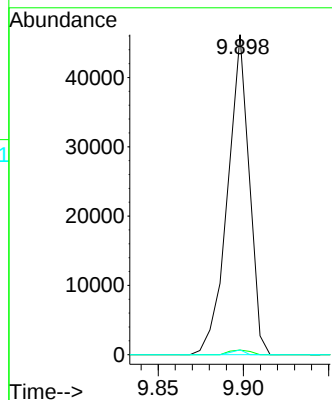
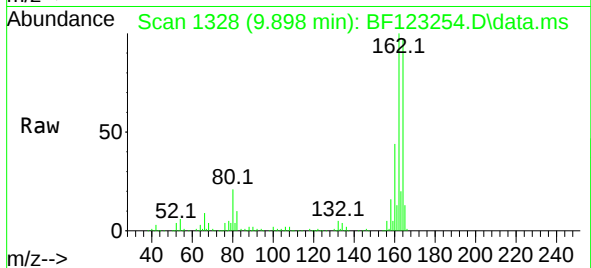




#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

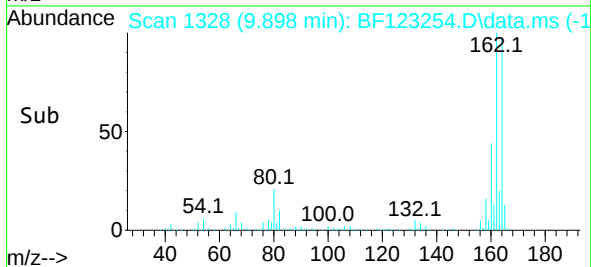
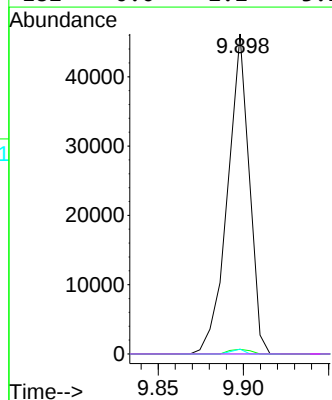
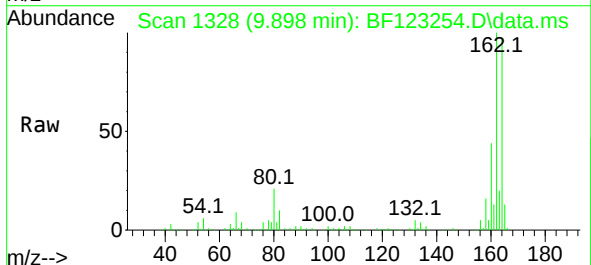
Instrument :
BNA_F
ClientSampleId :
PB134747BL

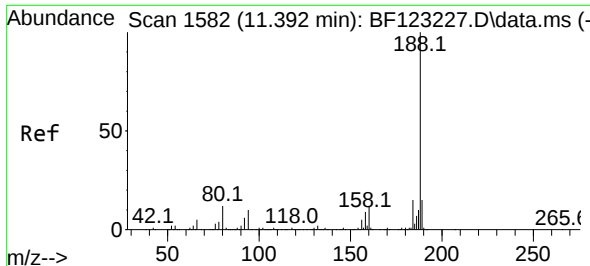
Tgt Ion:165 Resp: 40729
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.60 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

Tgt Ion:165 Resp: 40729
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

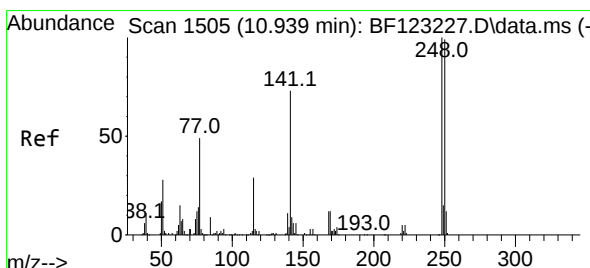
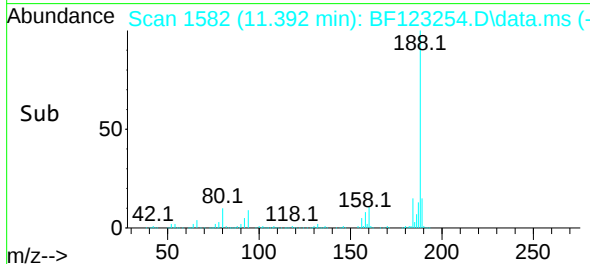
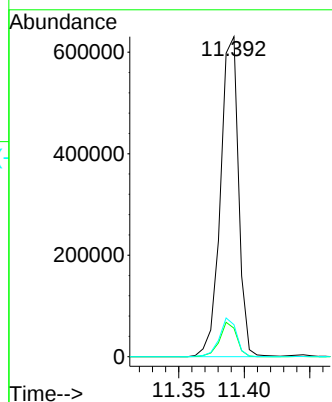
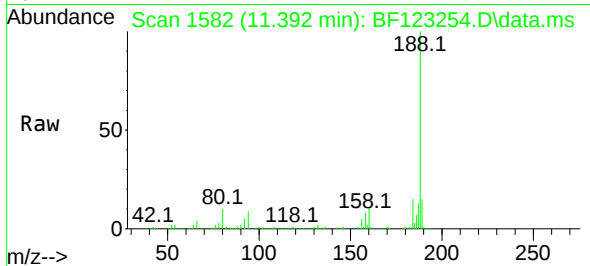




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

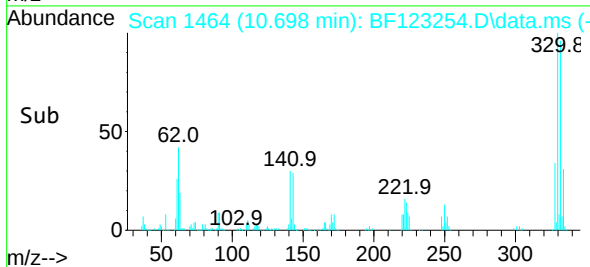
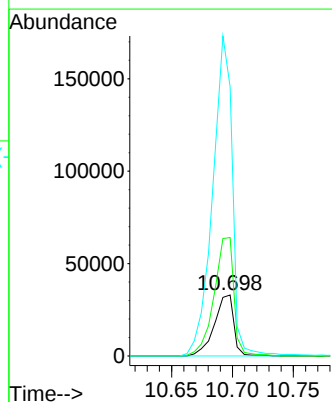
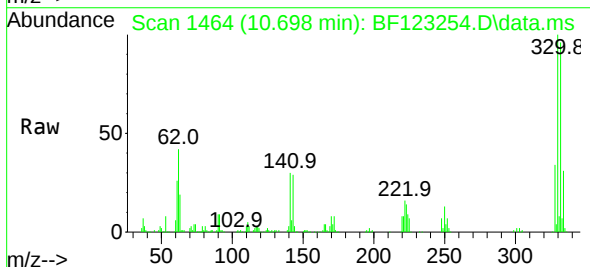
Instrument :
BNA_F
ClientSampleId :
PB134747BL

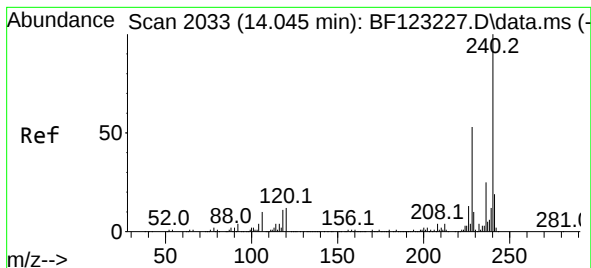
Tgt Ion:188 Resp: 603345
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

Tgt Ion:248 Resp: 36585
Ion Ratio Lower Upper
248 100
250 194.4 76.8 115.2#
141 441.7 59.8 89.8#

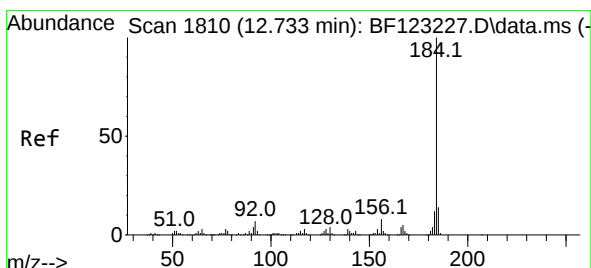
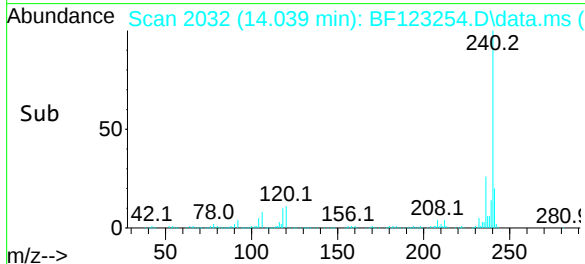
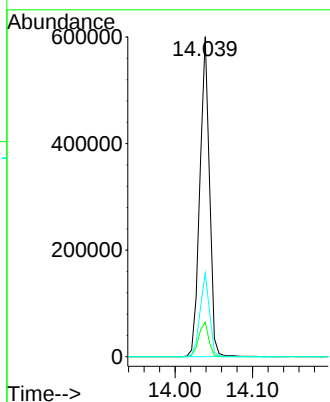
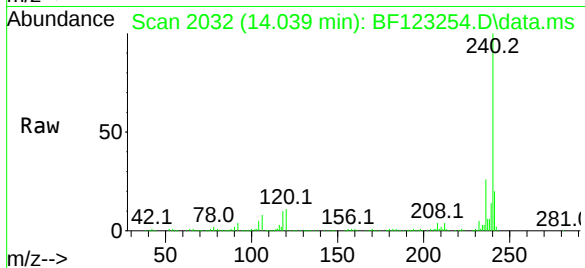




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

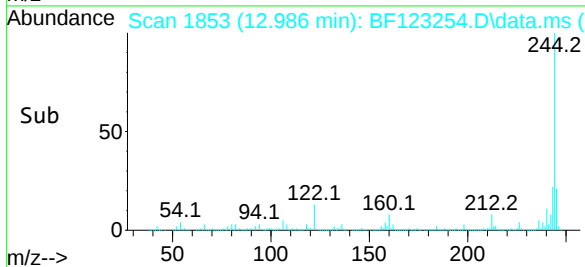
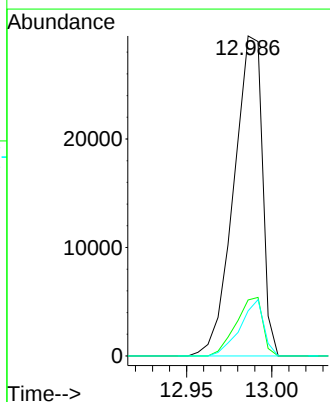
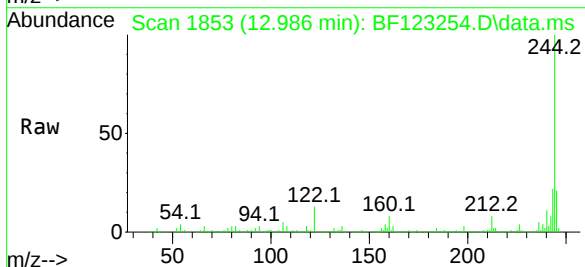
Instrument :
BNA_F
ClientSampleId :
PB134747BL

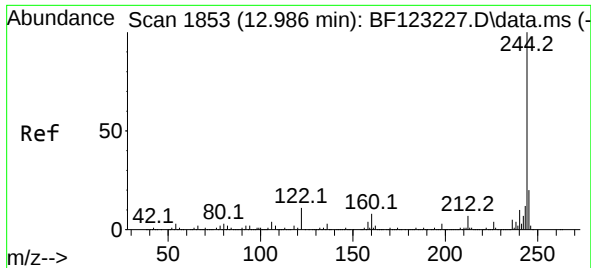
Tgt Ion:240 Resp: 516395
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 26.1 20.3 30.5



#77
Benzidine
Concen: 2.06 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF123254.D
Acq: 22 Feb 2021 12:03

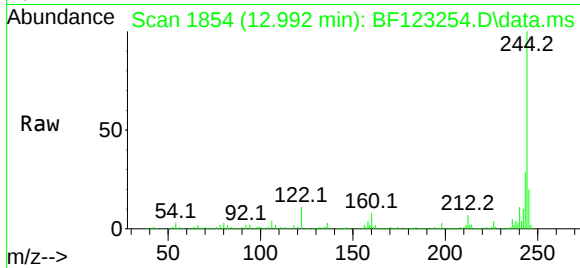
Tgt Ion:184 Resp: 34314
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.6
183 14.1 9.7 14.5





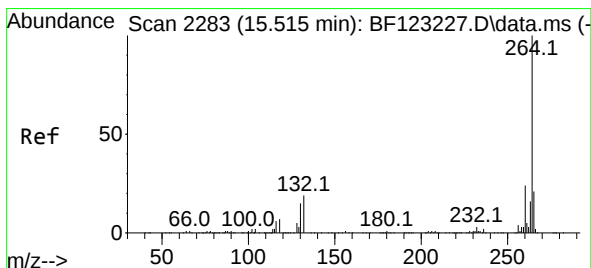
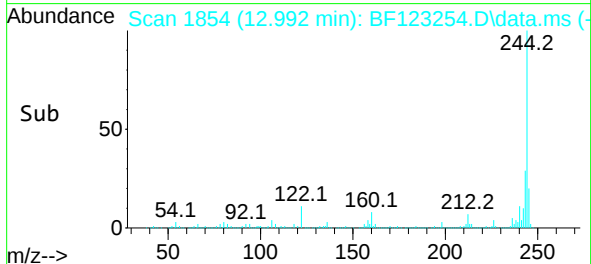
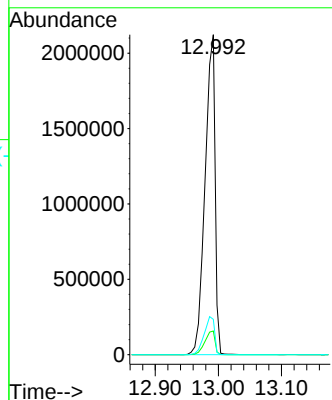
#79
 Terphenyl-d14
 Concen: 87.61 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF123254.D
 Acq: 22 Feb 2021 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB134747BL

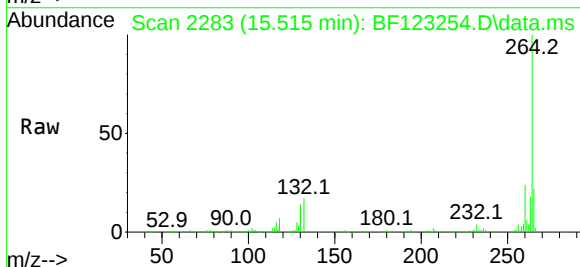


Tgt Ion:244 Resp: 2352734

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.0	8.3	12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.000 min
 Lab File: BF123254.D
 Acq: 22 Feb 2021 12:03



Tgt Ion:264 Resp: 485935

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	22.3	17.0	25.6

