

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
 Data File : BF123162.D
 Acq On : 9 Feb 2021 13:26
 Operator : JU/CG
 Sample : PB134542BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134542BL

Quant Time: Feb 09 13:50:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

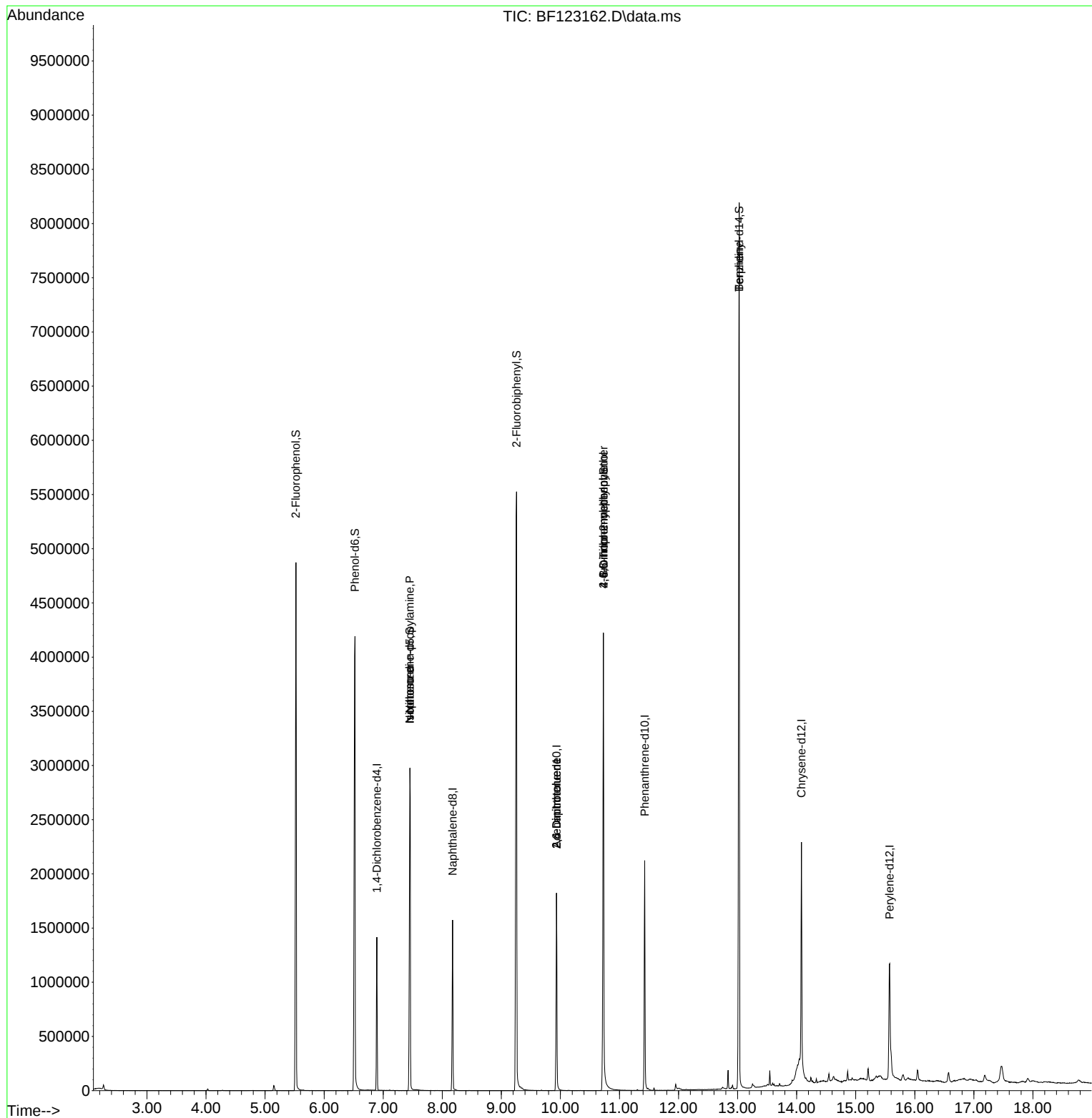
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	195115	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	769181	20.00	ng	0.00
39) Acenaphthene-d10	9.934	164	420375	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	827135	20.00	ng	0.00
76) Chrysene-d12	14.080	240	758901	20.00	ng	0.00
86) Perylene-d12	15.574	264	656345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1501991	118.75	ng	0.02
7) Phenol-d6	6.522	99	1877944	109.53	ng	0.00
23) Nitrobenzene-d5	7.451	82	1226987	80.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	662246	145.12	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2322158	82.12	ng	0.00
79) Terphenyl-d14	13.027	244	2936611	76.03	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	166183	16.12	ng	# 80
25) Isophorone	7.451	82	1222606	43.67	ng	# 65
51) 2,6-Dinitrotoluene	9.934	165	53726	7.65	ng	# 31
57) 2,4-Dinitrotoluene	9.934	165	53825	5.89	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1292	5.23	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	42895	4.07	ng	# 1
77) Benzidine	13.027	184	39083	2.28	ng	# 90

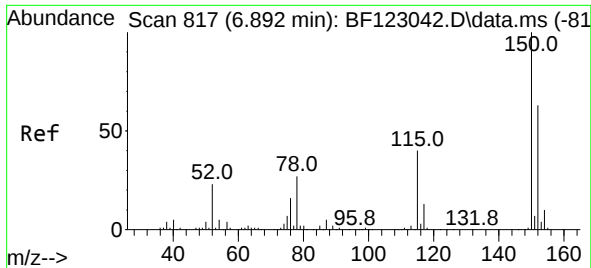
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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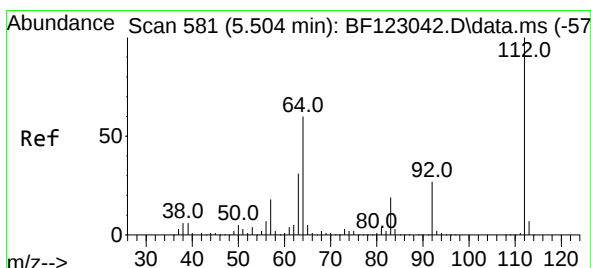
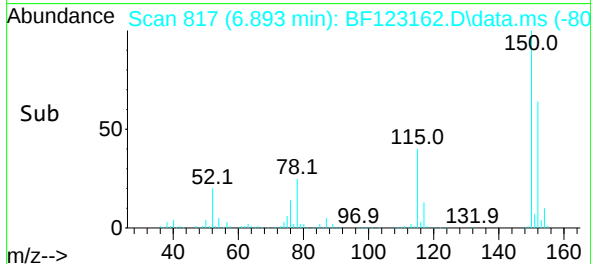
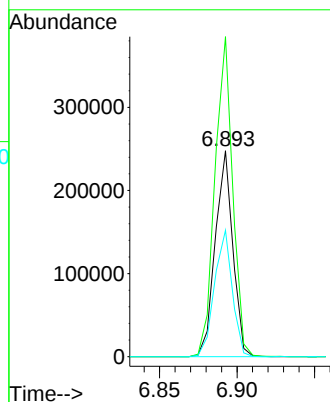
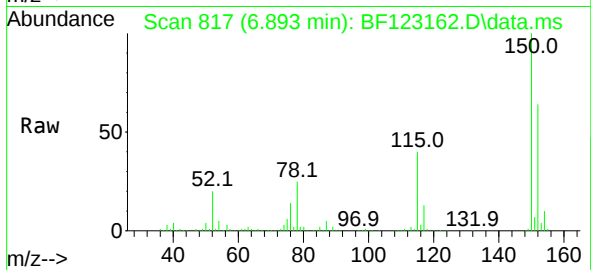




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

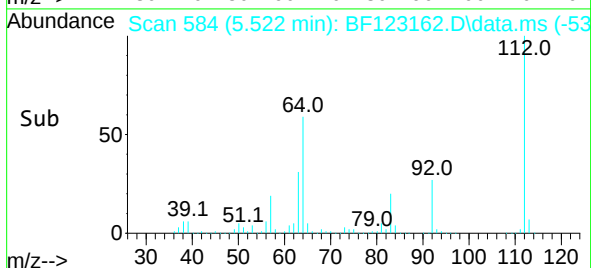
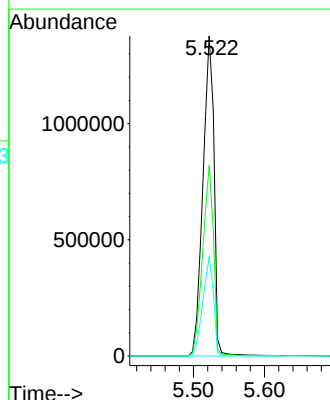
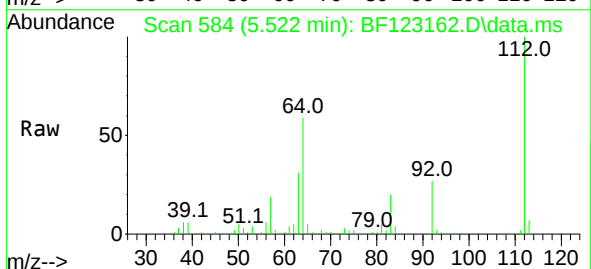
Instrument :
BNA_F
ClientSampleId :
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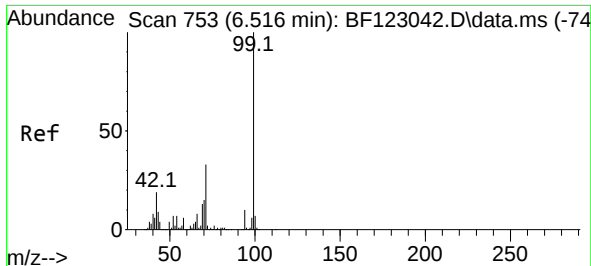
Tgt Ion:152 Resp: 195115
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 61.4 49.3 73.9



#5
2-Fluorophenol
Concen: 118.75 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion:112 Resp: 1501991
Ion Ratio Lower Upper
112 100
64 59.5 46.9 70.3
63 30.9 24.5 36.7

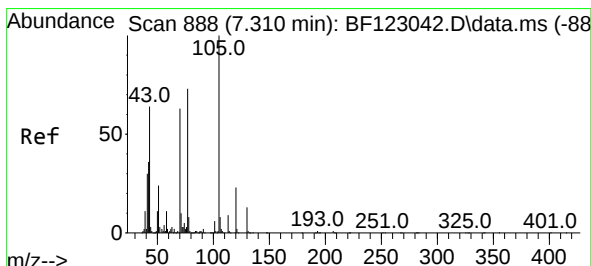
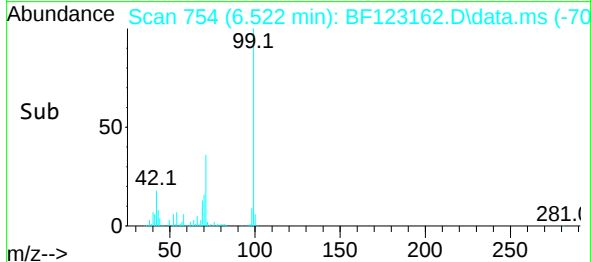
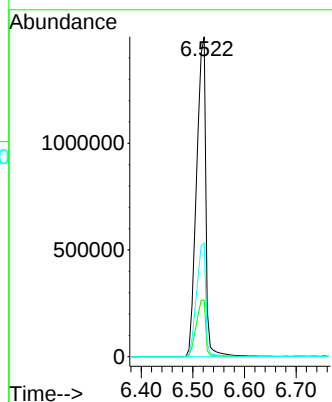
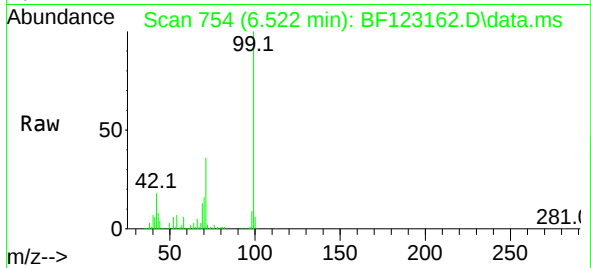




#7
Phenol-d6
Concen: 109.53 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

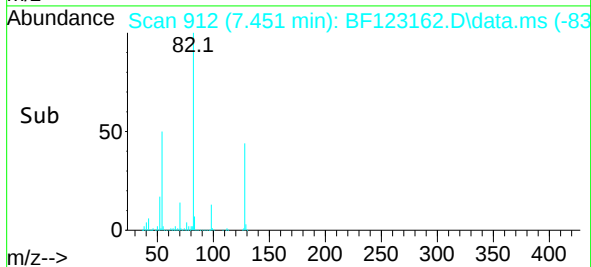
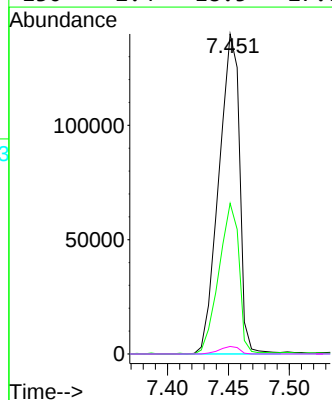
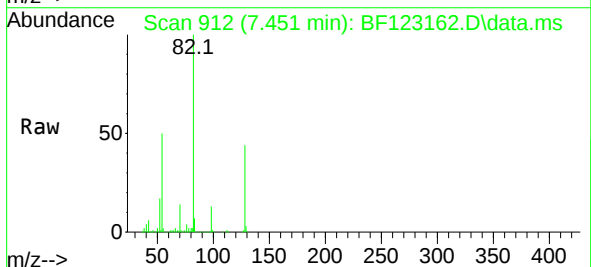
Instrument :
BNA_F
ClientSampleId :
PB134542BL

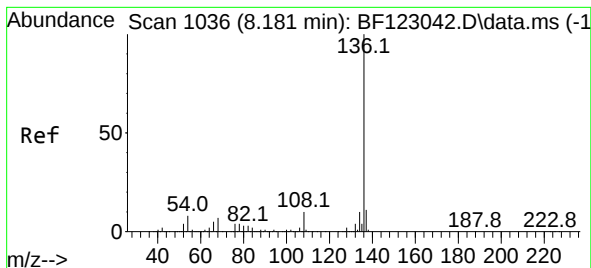
Tgt Ion: 99 Resp: 1877944
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.6
71 35.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.12 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion: 70 Resp: 166183
Ion Ratio Lower Upper
70 100
42 47.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#

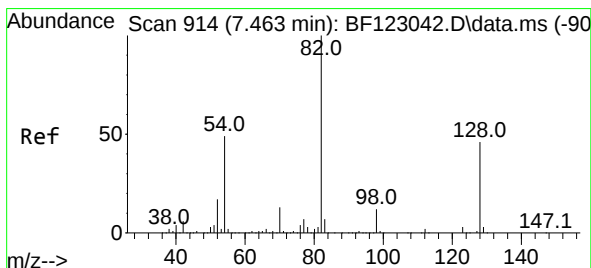
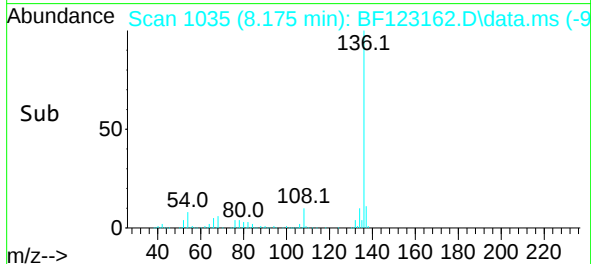
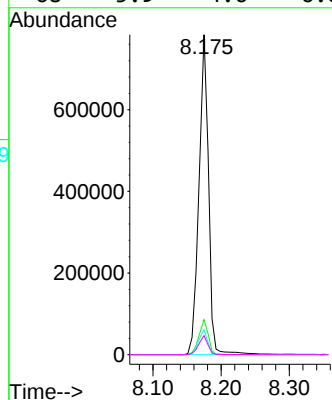
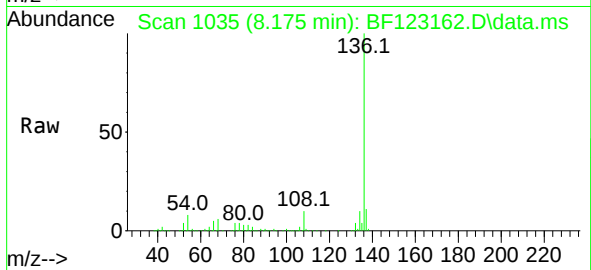




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

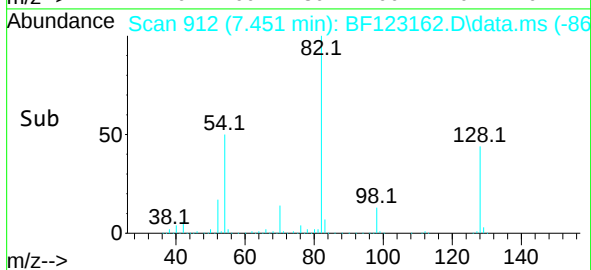
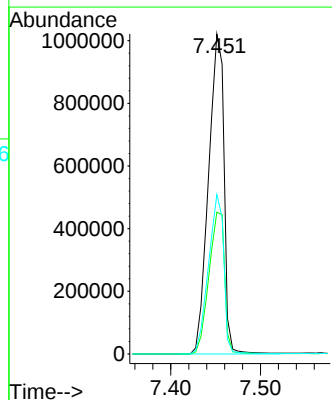
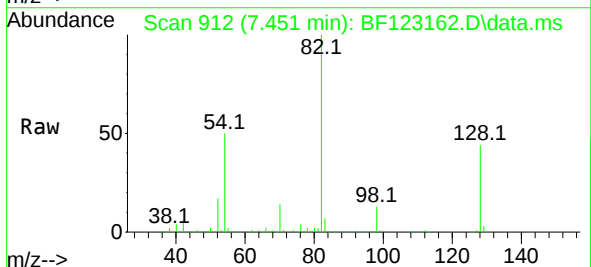
Instrument :
BNA_F
ClientSampleId :
PB134542BL

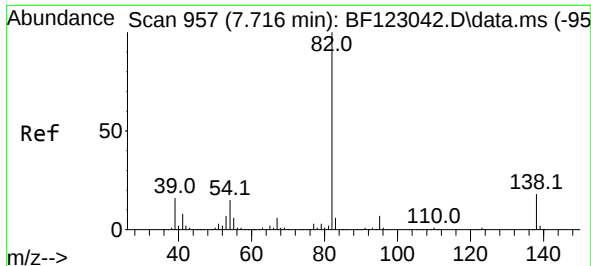
Tgt Ion:	136	Resp:	769181
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	5.5	8.3
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 80.28 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion:	82	Resp:	1226987
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.4
54	49.8	38.4	57.6

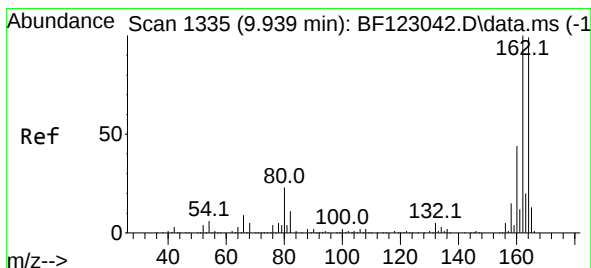
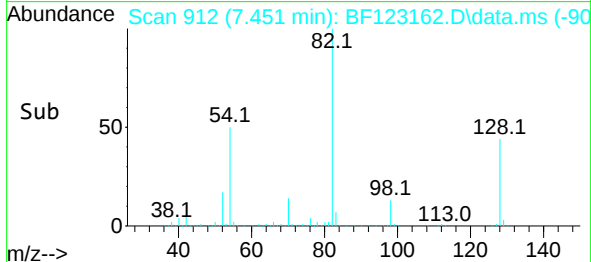
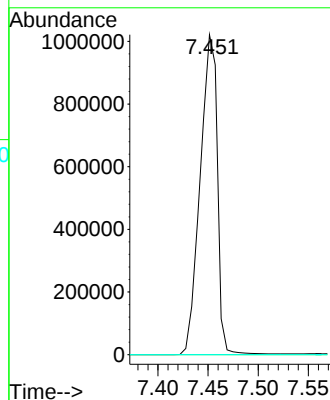
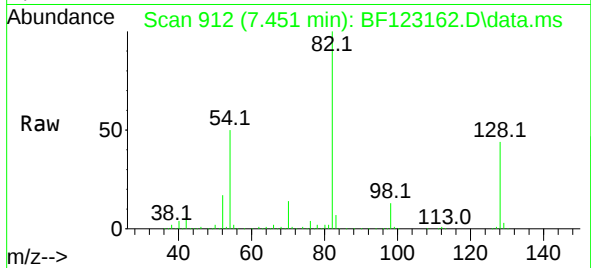




#25
Isophorone
Concen: 43.67 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

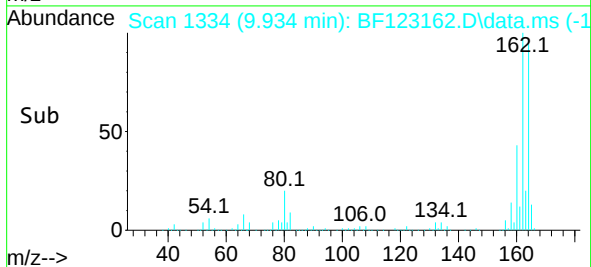
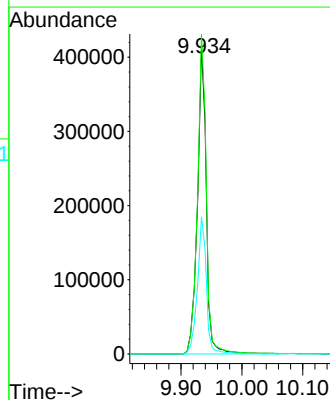
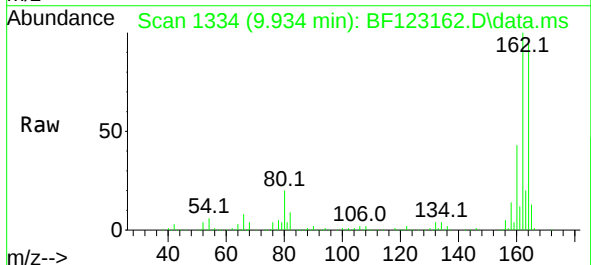
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ClientSampleId :
PB134542BL

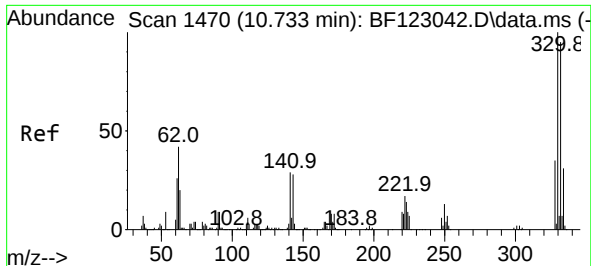
Tgt Ion: 82 Resp: 1222606
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion:164 Resp: 420375
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 44.5 35.4 53.0

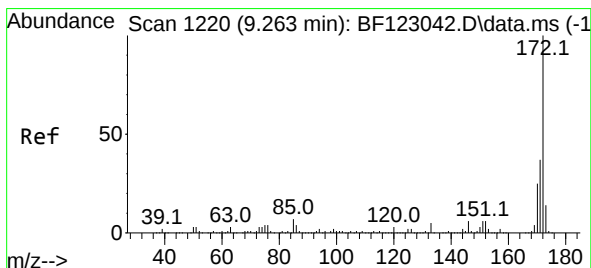
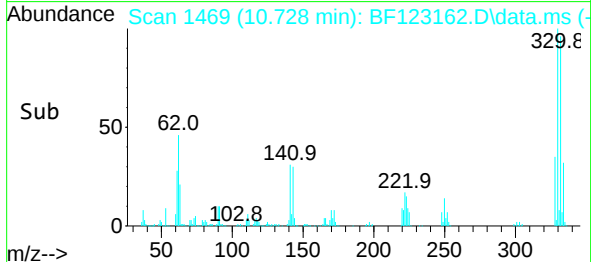
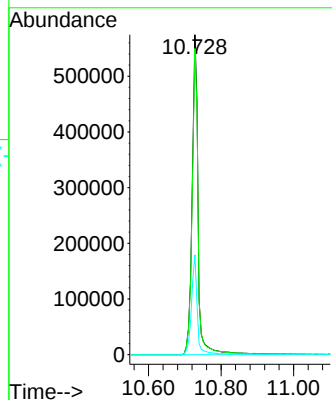
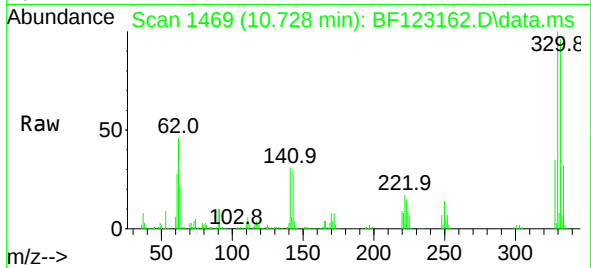




#42
2,4,6-Tribromophenol
Concen: 145.12 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

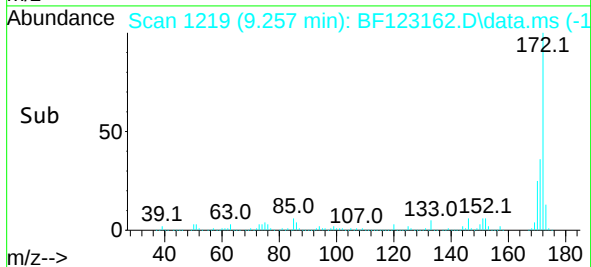
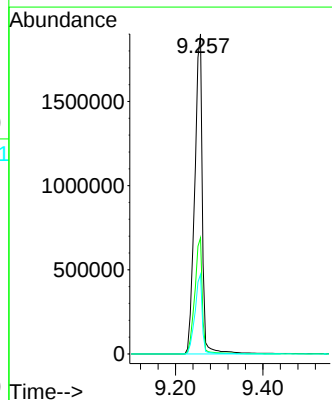
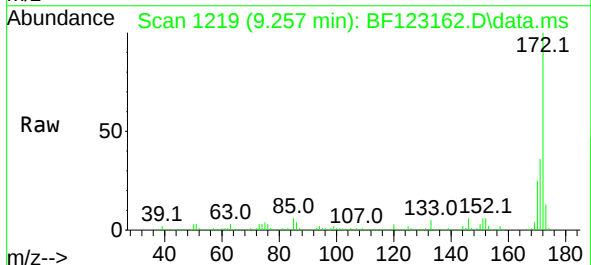
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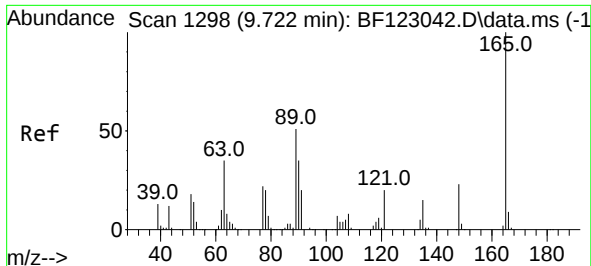
Tgt Ion:330 Resp: 662246
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 30.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 82.12 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion:172 Resp: 2322158
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.8 19.5 29.3

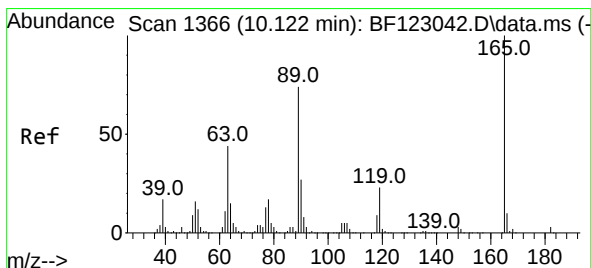
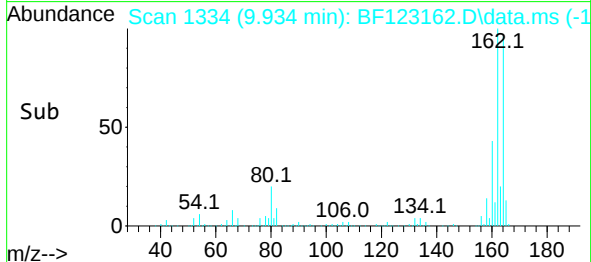
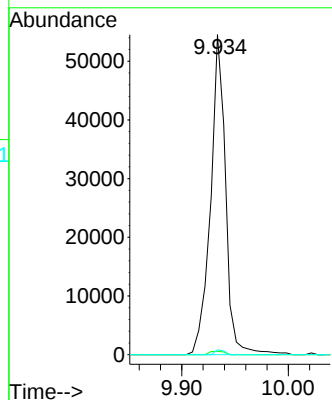
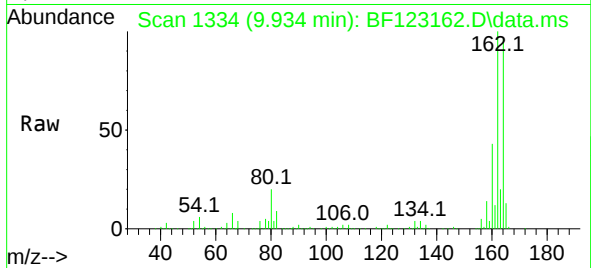




#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

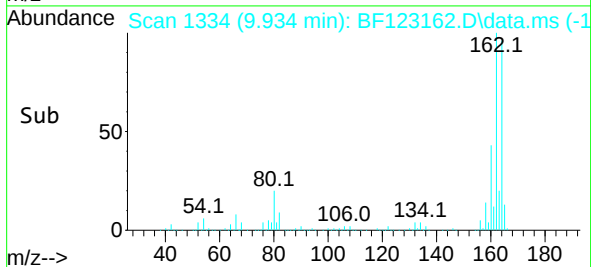
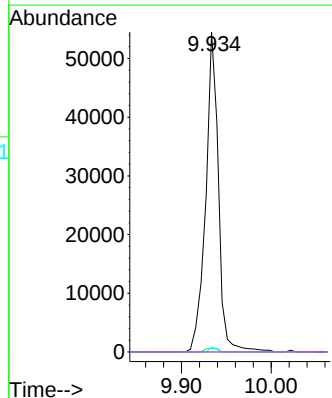
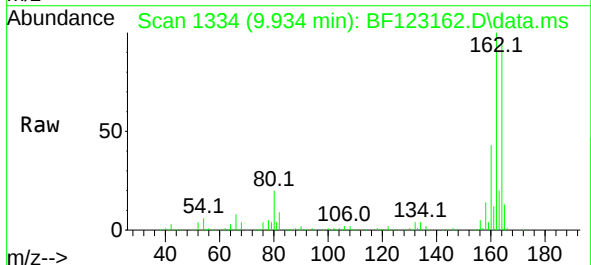
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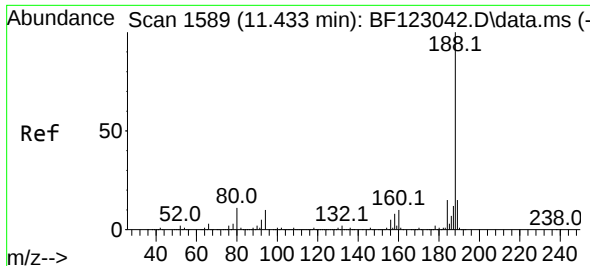
Tgt Ion:165 Resp: 53726
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion:165 Resp: 53825
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

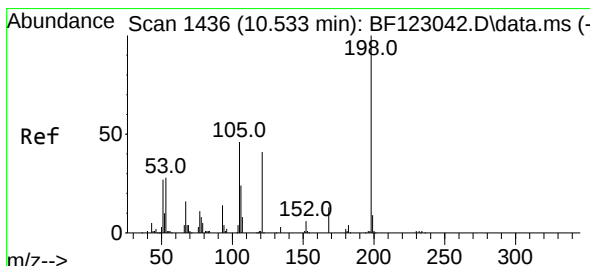
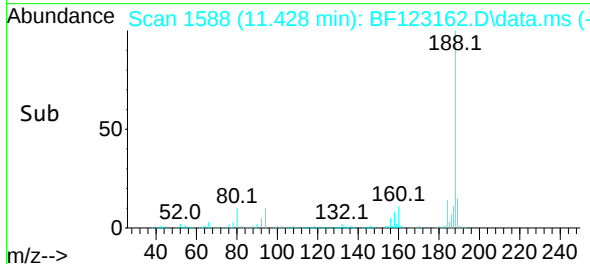
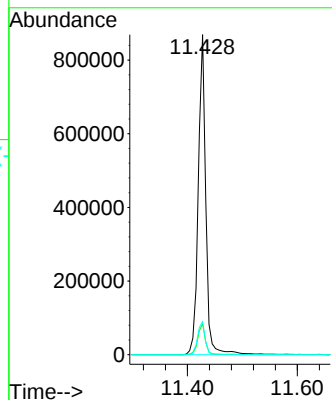
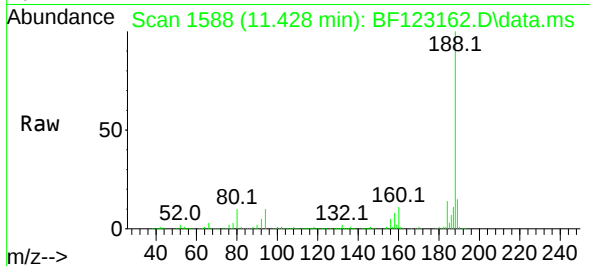




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

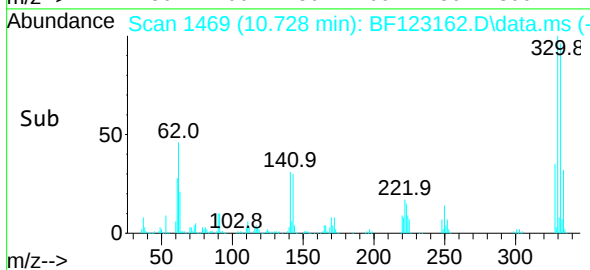
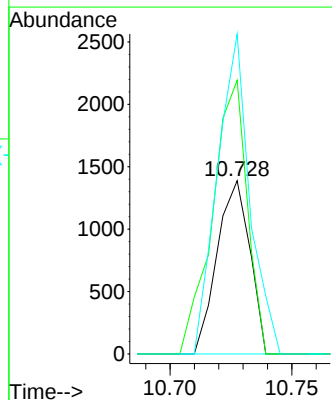
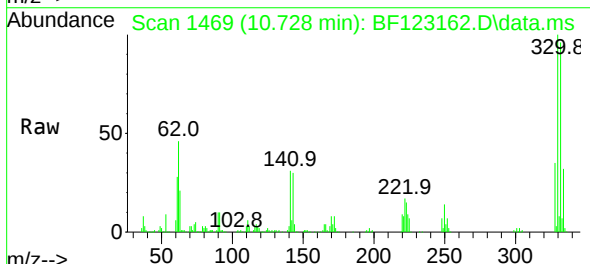
Instrument :
BNA_F
ClientSampleId :
PB134542BL

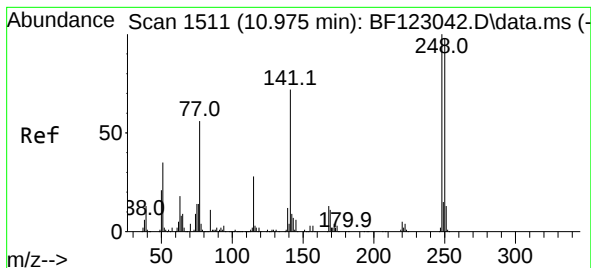
Tgt Ion:188 Resp: 827135
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.23 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion:198 Resp: 1292
Ion Ratio Lower Upper
198 100
51 158.0 20.3 60.3#
105 184.7 23.0 63.0#

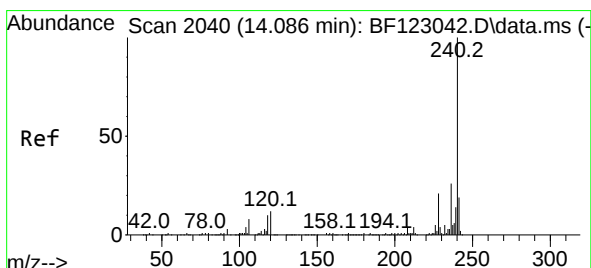
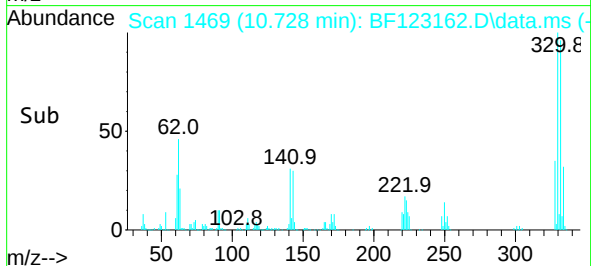
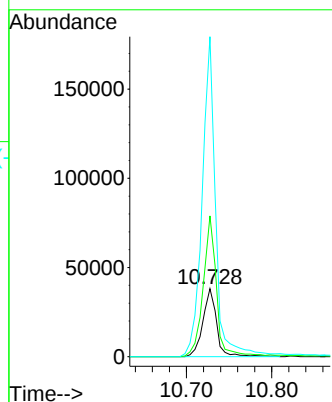
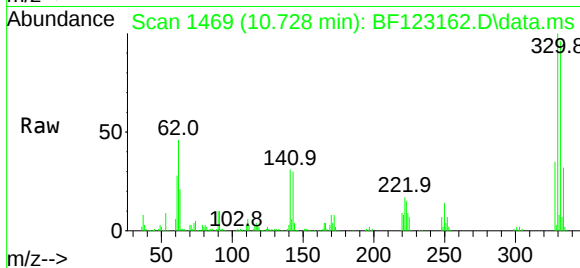




#67
4-Bromophenyl-phenylether
Concen: 4.07 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

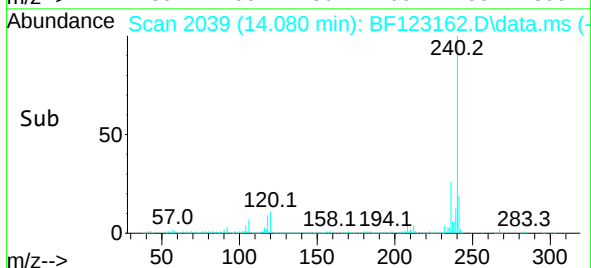
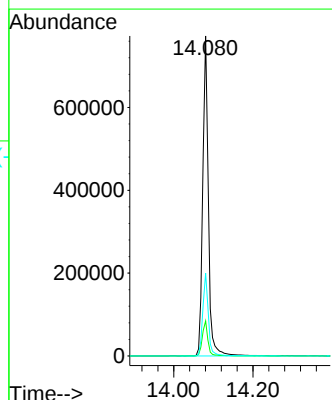
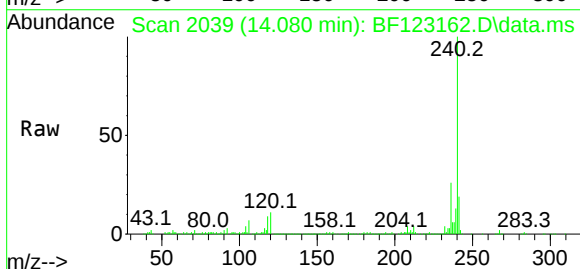
Instrument :
BNA_F
ClientSampleId :
PB134542BL

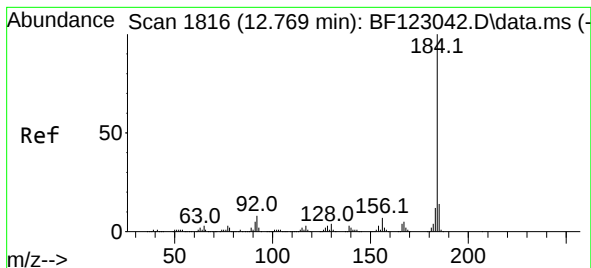
Tgt Ion:248 Resp: 42895
Ion Ratio Lower Upper
248 100
250 206.8 76.8 115.2#
141 470.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123162.D
Acq: 9 Feb 2021 13:26

Tgt Ion:240 Resp: 758901
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.9 20.3 30.5





#77

Benzidine

Concen: 2.28 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.259 min

Lab File: BF123162.D

Acq: 9 Feb 2021 13:26

Tgt Ion:184 Resp: 39083

Ion Ratio Lower Upper

184 100

185 18.1 11.8 17.6#

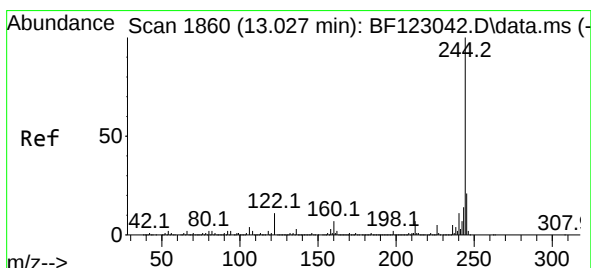
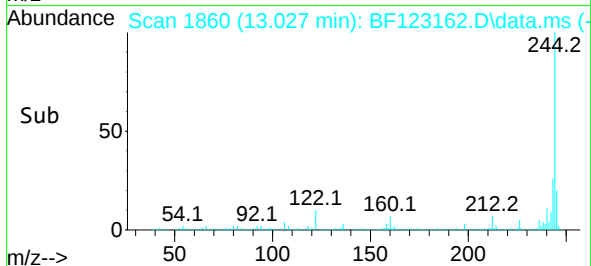
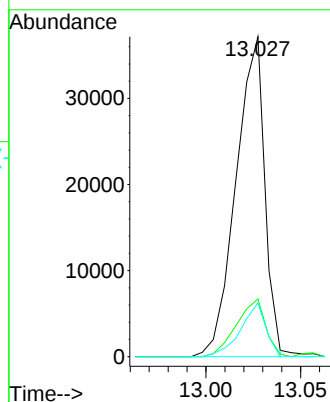
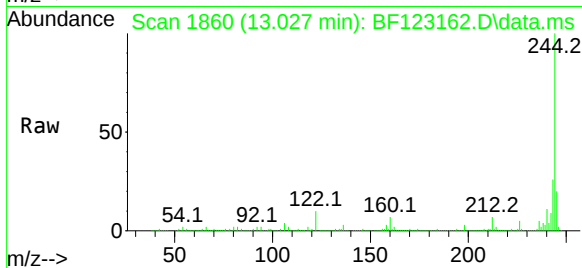
183 16.8 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

PB134542BL



#79

Terphenyl-d14

Concen: 76.03 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF123162.D

Acq: 9 Feb 2021 13:26

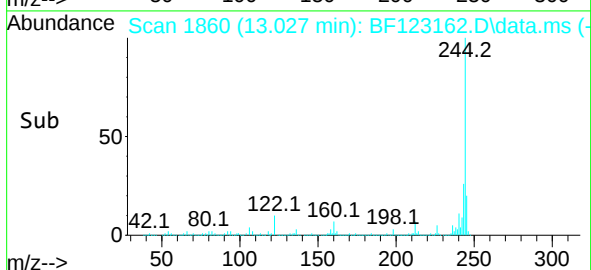
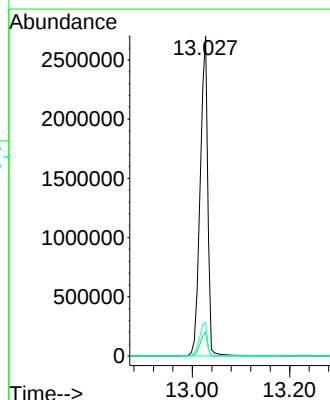
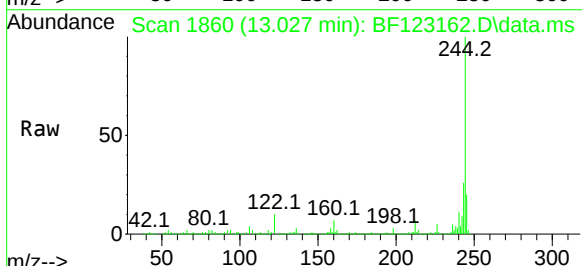
Tgt Ion:244 Resp: 2936611

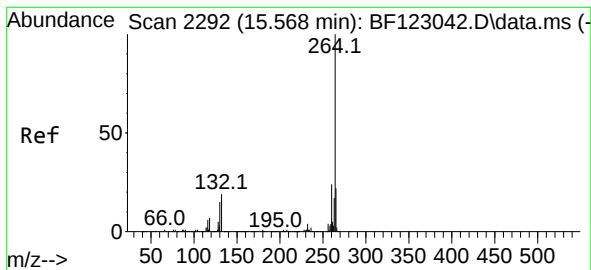
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 10.4 8.3 12.5





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.006 min

Lab File: BF123162.D

Acq: 9 Feb 2021 13:26

Tgt Ion:264 Resp: 656345

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.9 17.0 25.6

Instrument :

BNA_F

ClientSampleId :

PB134542BL

