

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123462.D
 Acq On : 25 Mar 2021 15:23
 Operator : JU/CG
 Sample : PB135267BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135267BL

Quant Time: Mar 25 16:10:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 12:42:42 2021
 Response via : Initial Calibration

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

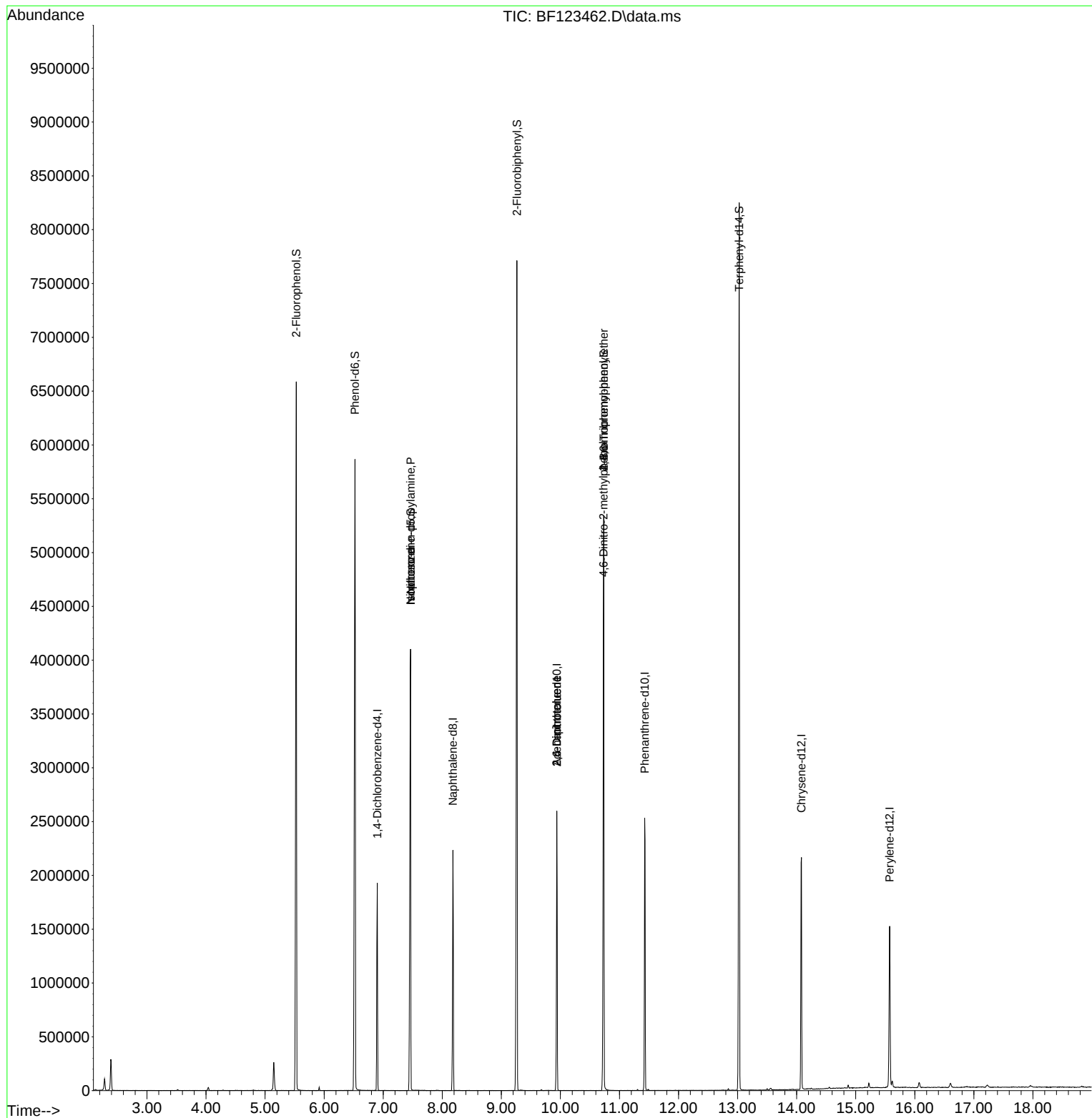
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	259270	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	952596	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	513912	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	951135	20.00	ng	0.00
76) Chrysene-d12	14.080	240	794189	20.00	ng	0.00
86) Perylene-d12	15.574	264	704121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1721403	108.62	ng	0.02
7) Phenol-d6	6.522	99	2180787	103.37	ng	0.00
23) Nitrobenzene-d5	7.463	82	1463786	82.93	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	670858	116.76	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2566162	71.34	ng	0.00
79) Terphenyl-d14	13.027	244	2906185	62.02	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.528	77	3614	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	200680	14.71	ng	# 83
25) Isophorone	7.463	82	1460681	38.49	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	66876	8.77	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	66876	7.03	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1291	5.35	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	39938	3.55	ng	# 1

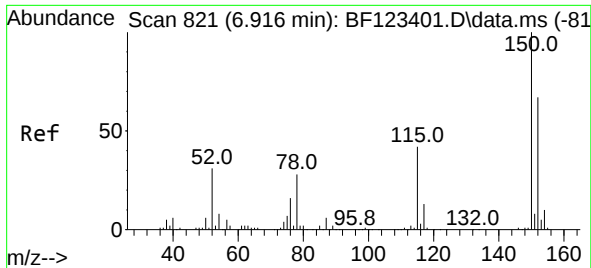
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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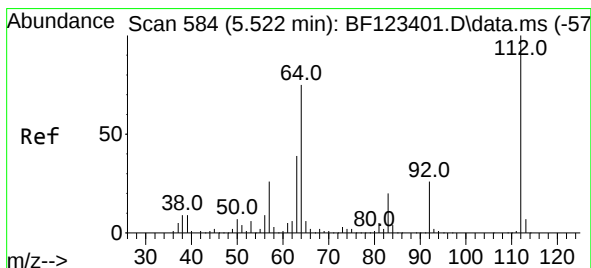
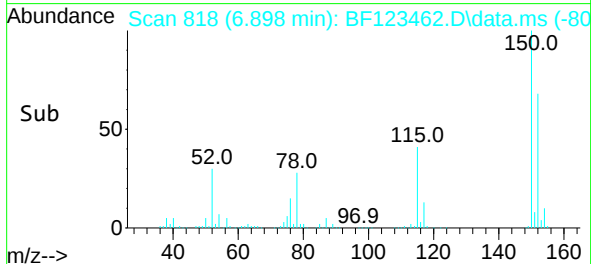
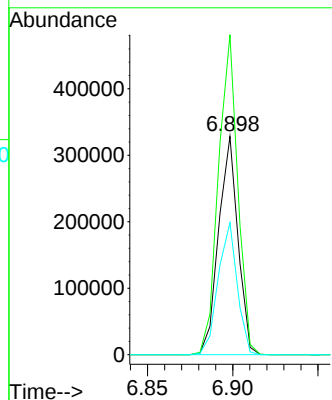
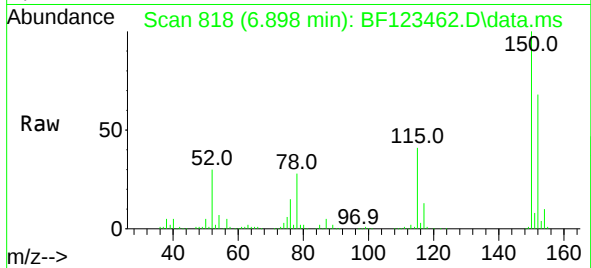




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

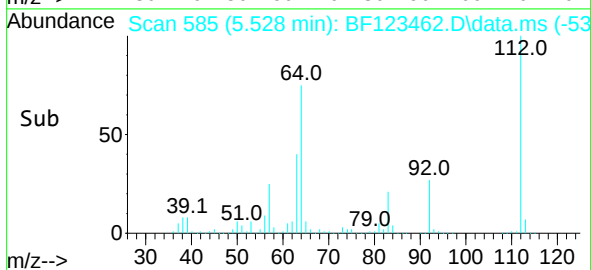
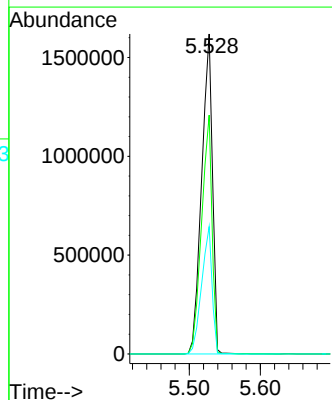
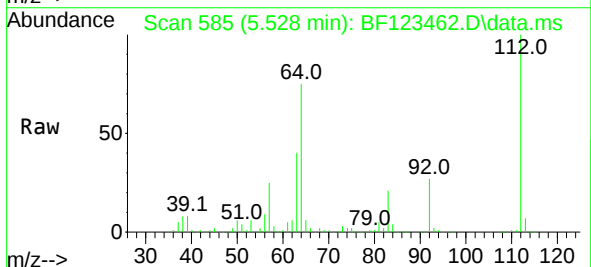
Instrument :
BNA_F
ClientSampleId :
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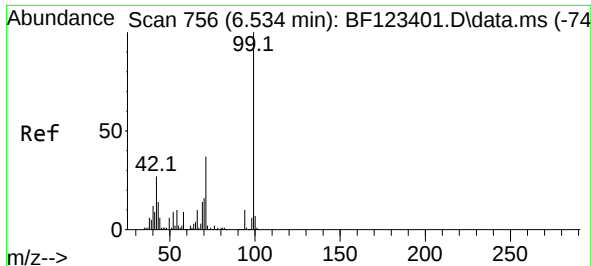
Tgt Ion:152 Resp: 259270
Ion Ratio Lower Upper
152 100
150 146.6 125.8 188.6
115 60.5 49.3 73.9



#5
2-Fluorophenol
Concen: 108.62 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion:112 Resp: 1721403
Ion Ratio Lower Upper
112 100
64 74.7 46.9 70.3#
63 39.8 24.5 36.7#

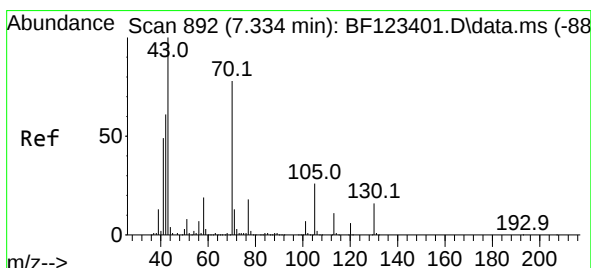
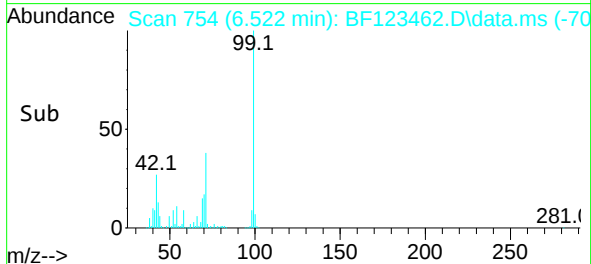
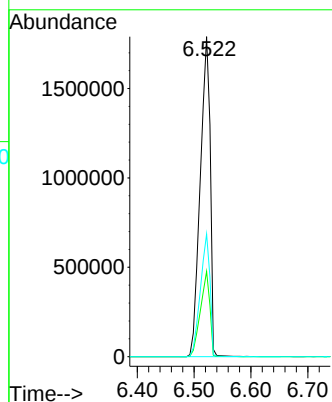
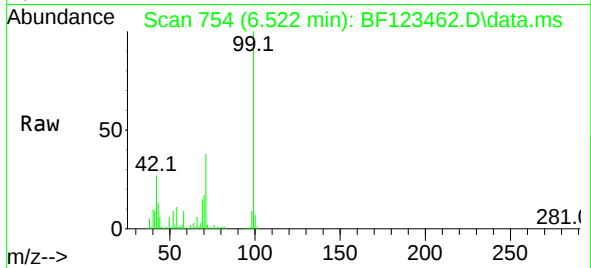




#7
Phenol-d6
Concen: 103.37 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

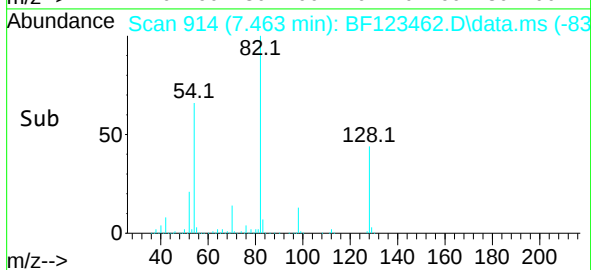
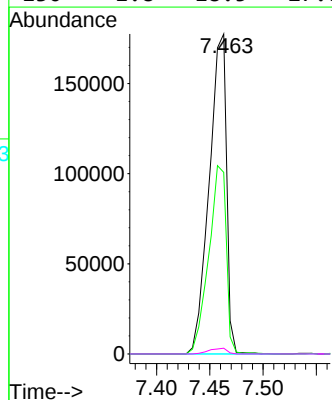
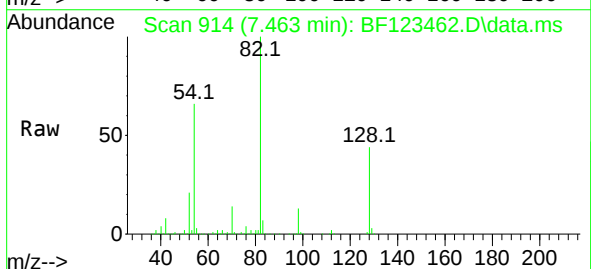
Instrument :
BNA_F
ClientSampleId :
PB135267BL

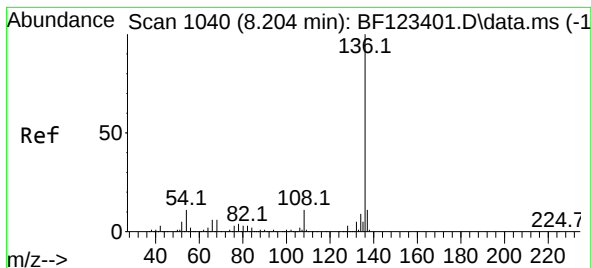
Tgt Ion: 99 Resp: 2180787
Ion Ratio Lower Upper
99 100
42 26.7 13.8 20.6#
71 38.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.71 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

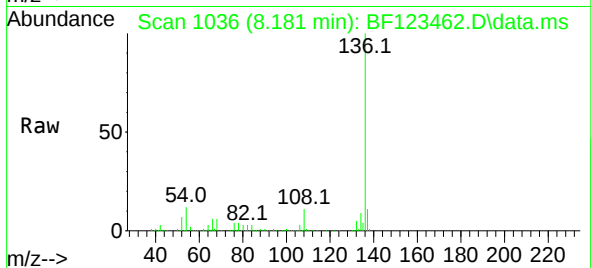
Tgt Ion: 70 Resp: 200680
Ion Ratio Lower Upper
70 100
42 56.8 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



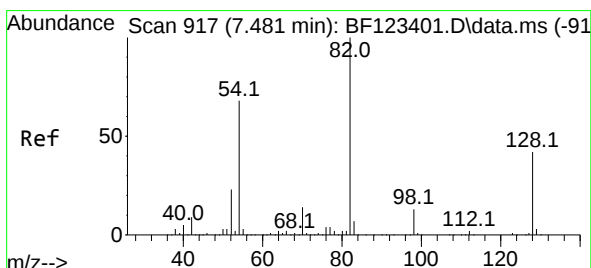
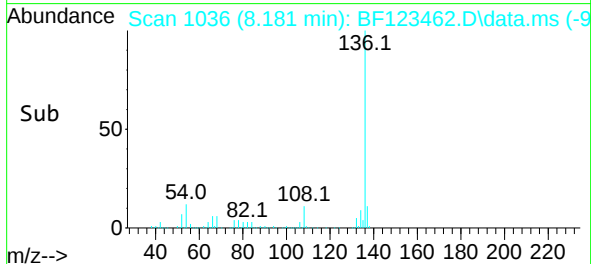
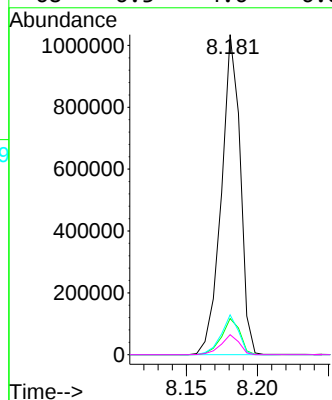


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Instrument :
BNA_F
ClientSampleId :
PB135267BL

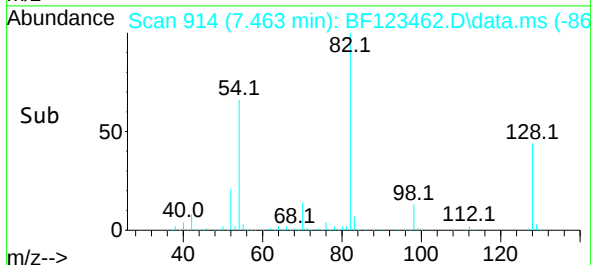
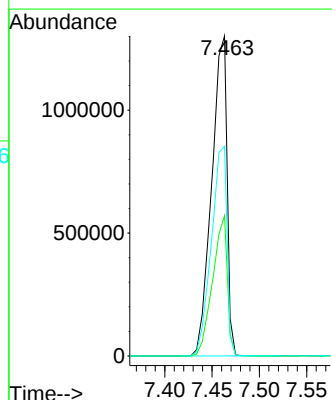
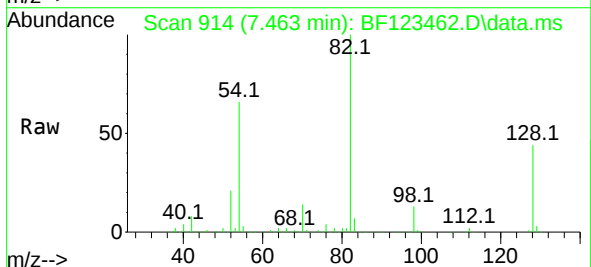


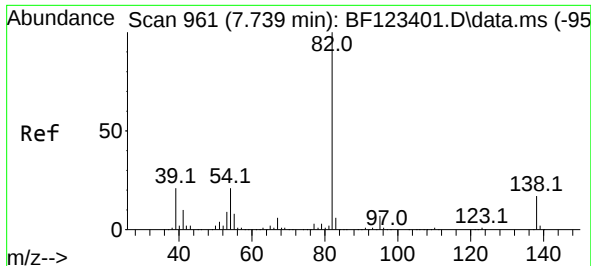
Tgt Ion:136 Resp: 952596
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.5 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 82.93 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion: 82 Resp: 1463786
Ion Ratio Lower Upper
82 100
128 43.8 37.0 55.4
54 65.5 38.4 57.6#

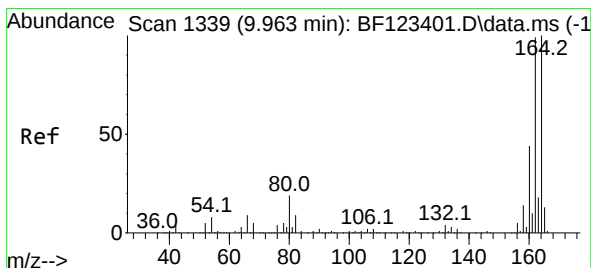
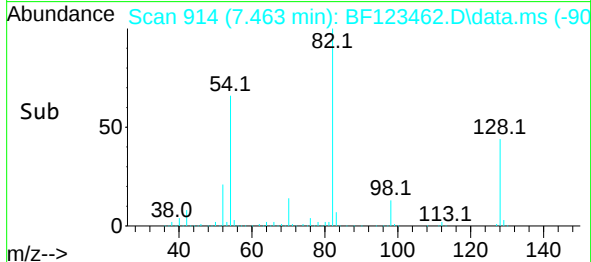
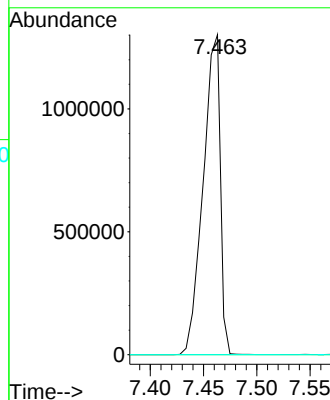
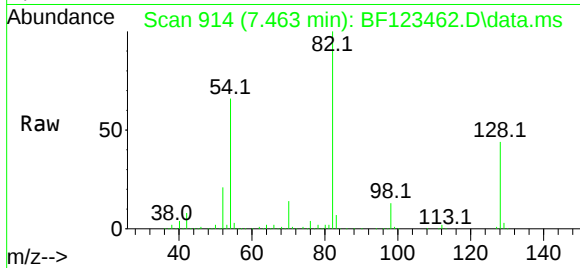




#25
Isophorone
Concen: 38.49 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

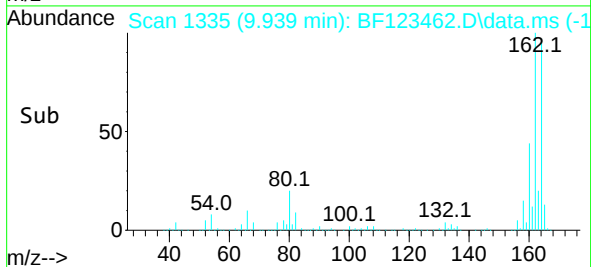
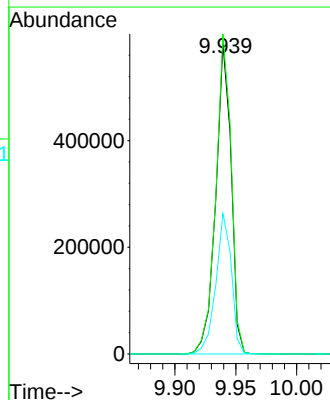
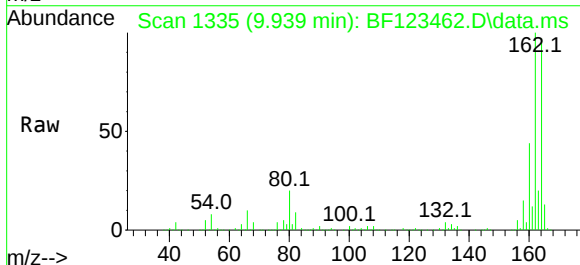
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ClientSampleId :
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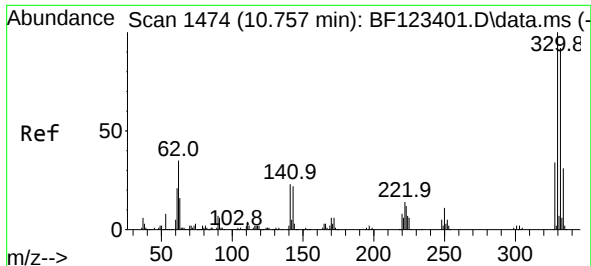
Tgt Ion: 82 Resp: 1460681
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion:164 Resp: 513912
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.3 35.4 53.0

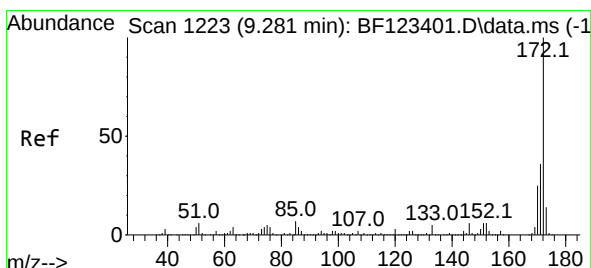
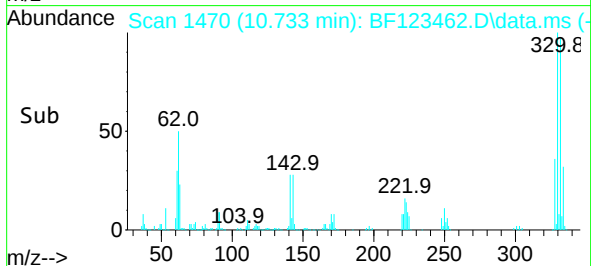
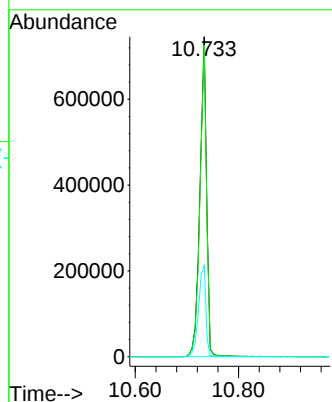
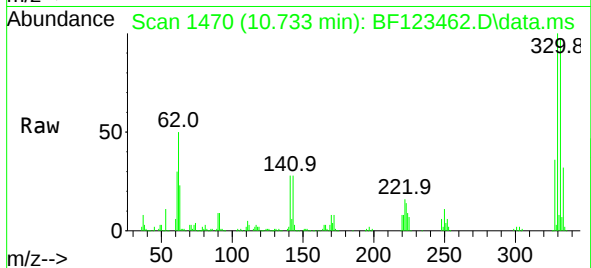




#42
2,4,6-Tribromophenol
Concen: 116.76 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

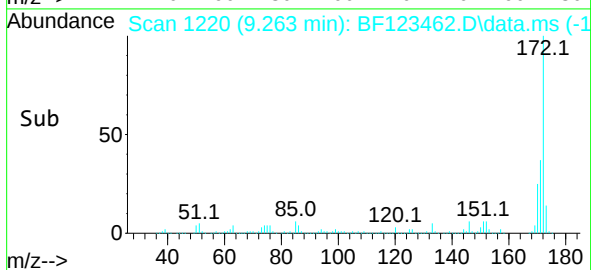
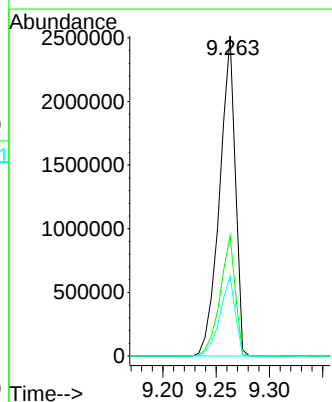
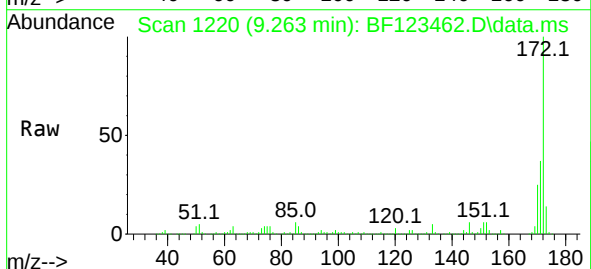
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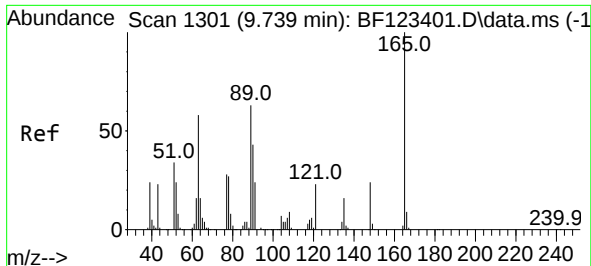
Tgt Ion: 330 Resp: 670858
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 31.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 71.34 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion: 172 Resp: 2566162
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.9 19.5 29.3

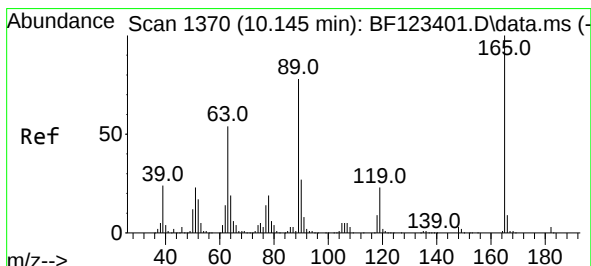
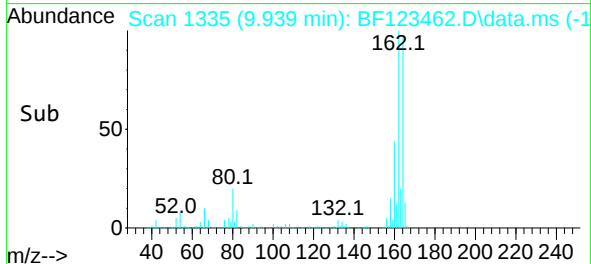
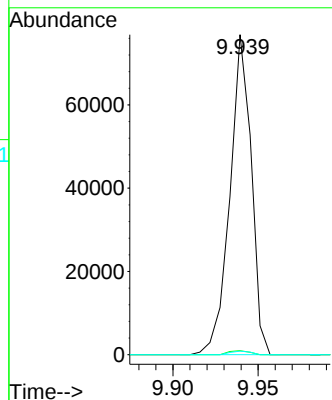
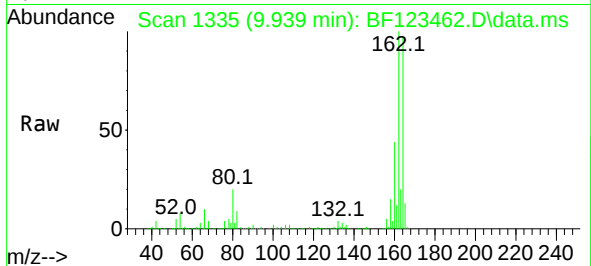




#51
2,6-Dinitrotoluene
Concen: 8.77 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

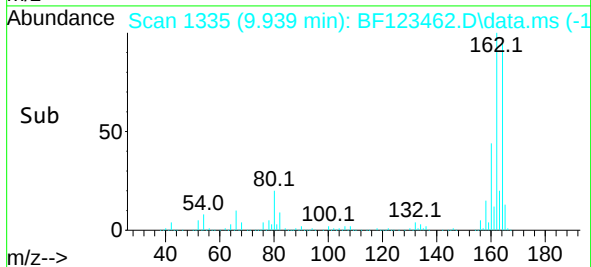
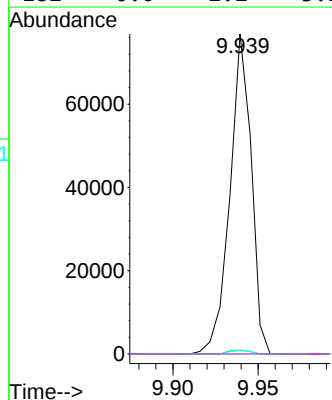
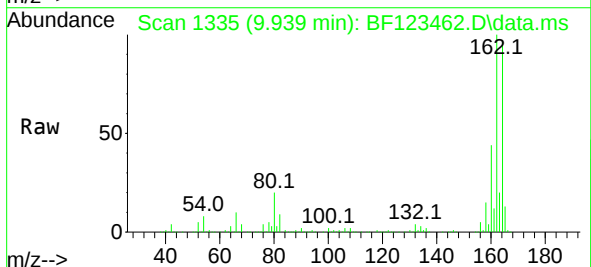
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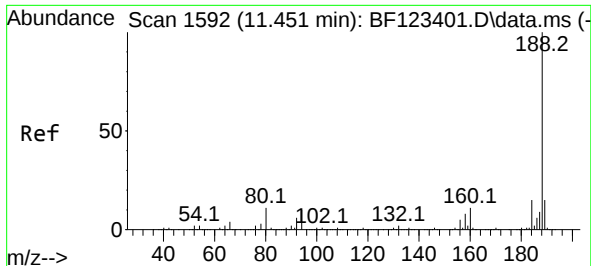
Tgt Ion:165 Resp: 66876
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.03 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion:165 Resp: 66876
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

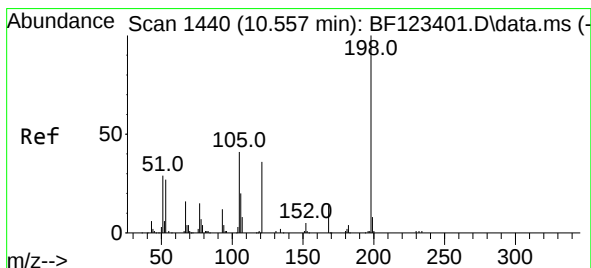
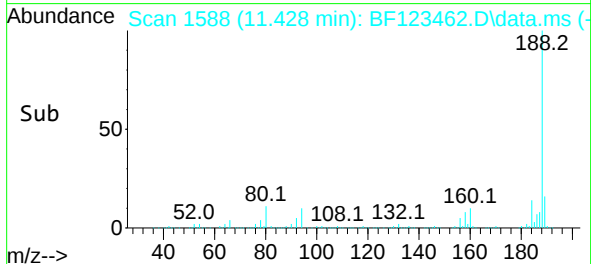
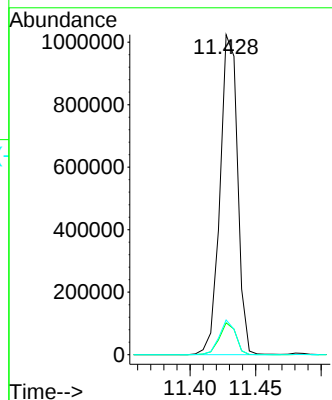
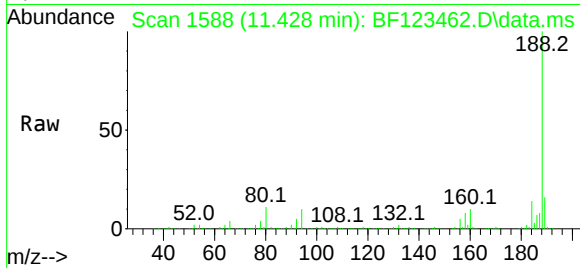




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

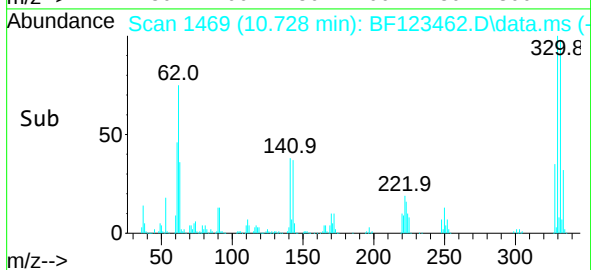
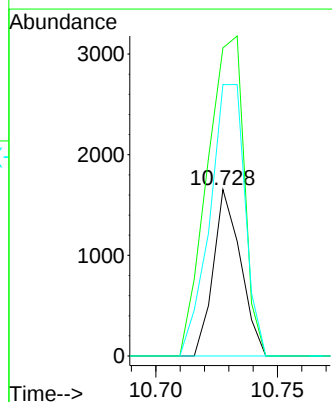
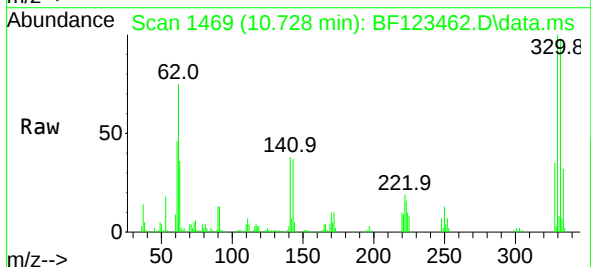
Instrument :
BNA_F
ClientSampleId :
PB135267BL

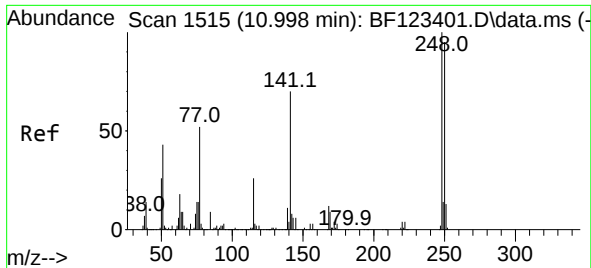
Tgt Ion:188 Resp: 951135
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.35 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion:198 Resp: 1291
Ion Ratio Lower Upper
198 100
51 185.1 20.3 60.3#
105 163.1 23.0 63.0#

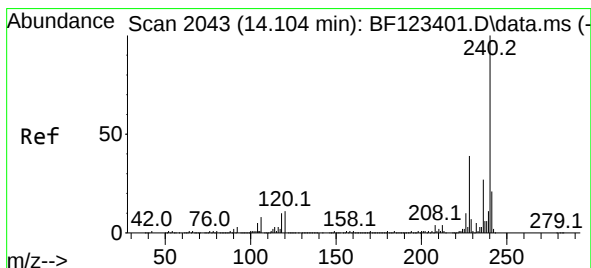
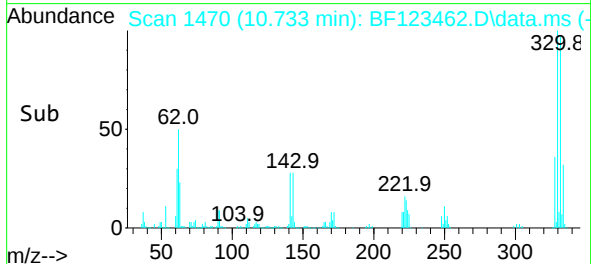
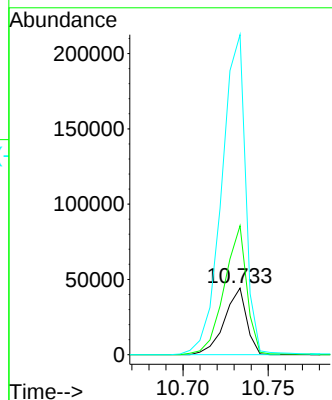
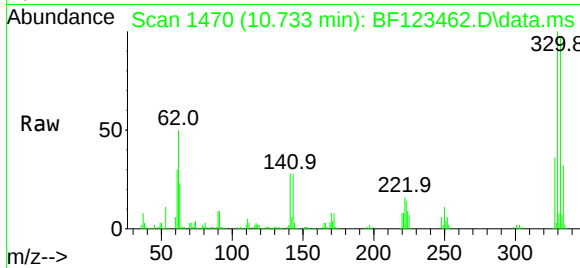




#67
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

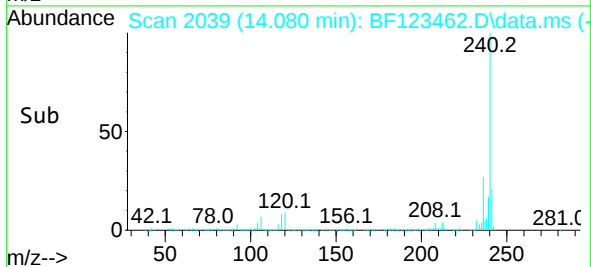
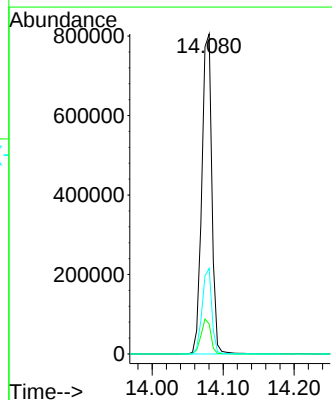
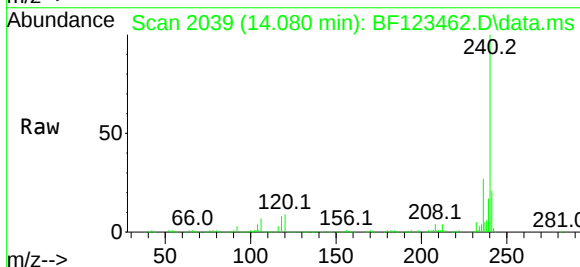
Instrument :
BNA_F
ClientSampleId :
PB135267BL

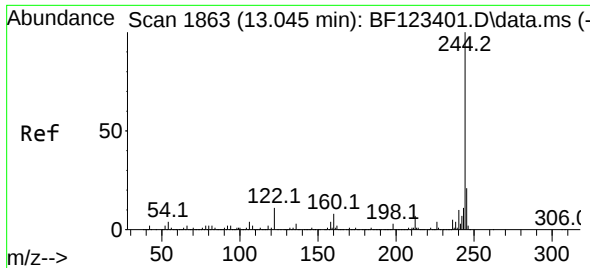
Tgt Ion:248 Resp: 39938
Ion Ratio Lower Upper
248 100
250 193.5 76.8 115.2#
141 480.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion:240 Resp: 794189
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 26.8 20.3 30.5

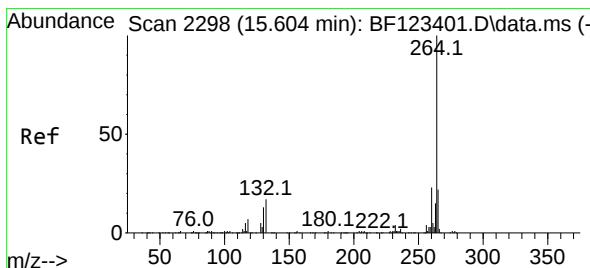
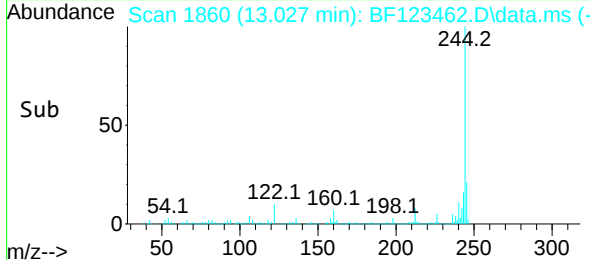
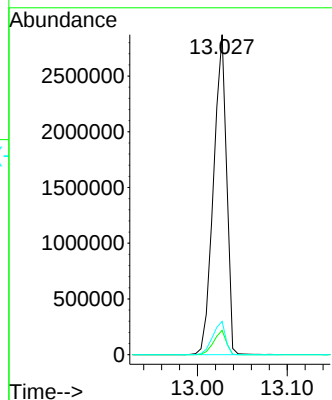
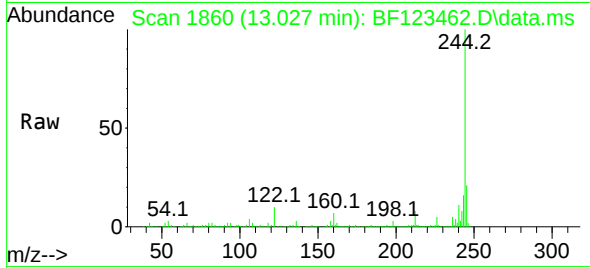




#79
Terphenyl-d14
Concen: 62.02 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Instrument :
BNA_F
ClientSampleId :
PB135267BL

Tgt Ion:244 Resp: 2906185
Ion Ratio Lower Upper
244 100
212 7.6 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. 0.000 min
Lab File: BF123462.D
Acq: 25 Mar 2021 15:23

Tgt Ion:264 Resp: 704121
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.3 17.0 25.6

