

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123131.D
 Acq On : 5 Feb 2021 12:40
 Operator : JU/CG
 Sample : PB134481BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134481BL

Quant Time: Feb 05 13:18:04 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)

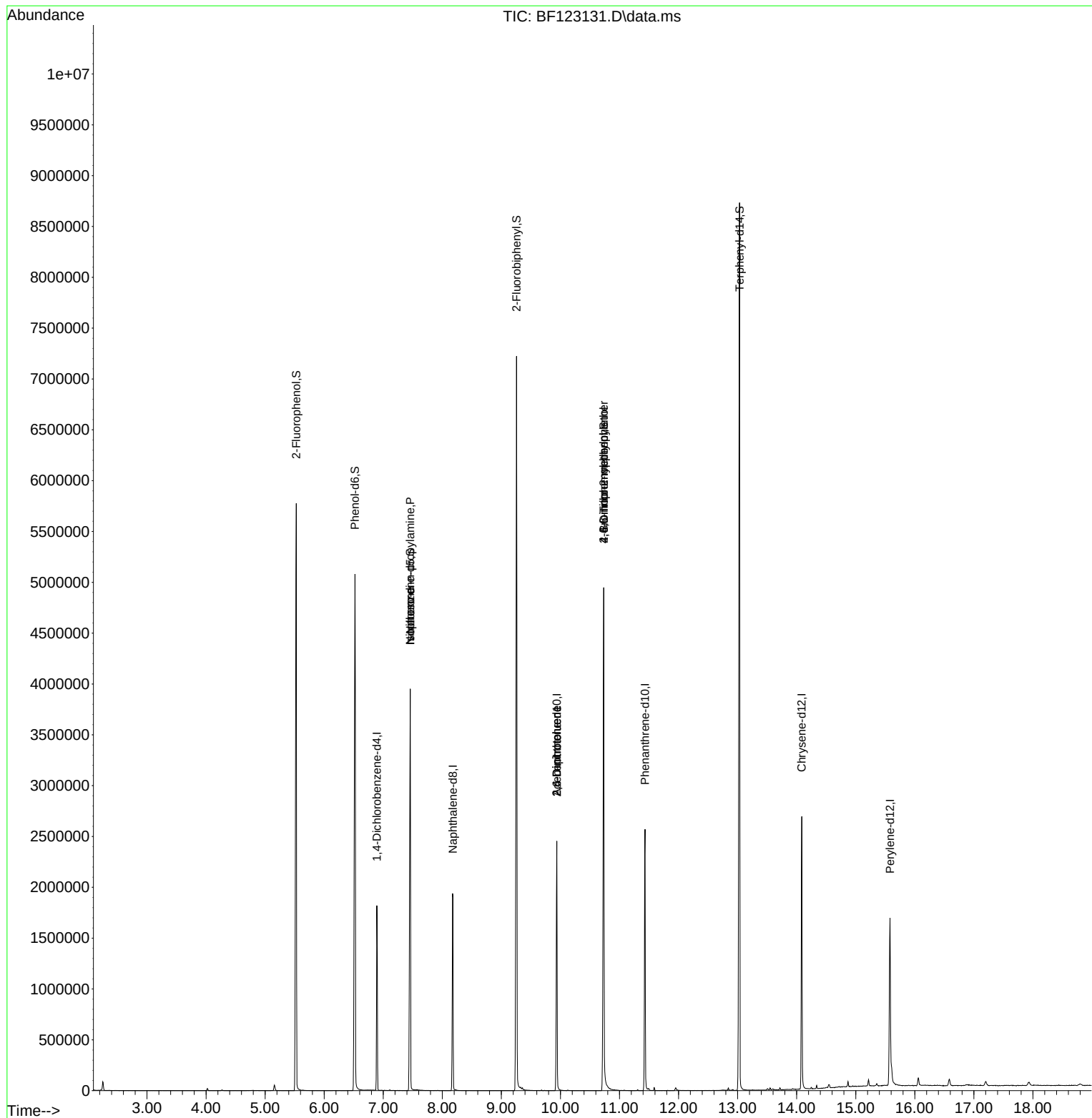
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	262502	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	1015126	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	551252	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	1020368	20.00	ng	0.00
76) Chrysene-d12	14.086	240	961029	20.00	ng	0.00
86) Perylene-d12	15.580	264	850178	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1861275	109.38	ng	0.02
7) Phenol-d6	6.522	99	2366418	102.59	ng	0.00
23) Nitrobenzene-d5	7.457	82	1517462	75.23	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	746745	124.79	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2699285	72.79	ng	0.00
79) Terphenyl-d14	13.033	244	3294866	67.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	203457	14.67	ng	Qvalue # 80
25) Isophorone	7.457	82	1501054	40.63	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	71180	7.73	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	71180	5.94	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1484	5.21	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	49925	3.84	ng	# 1

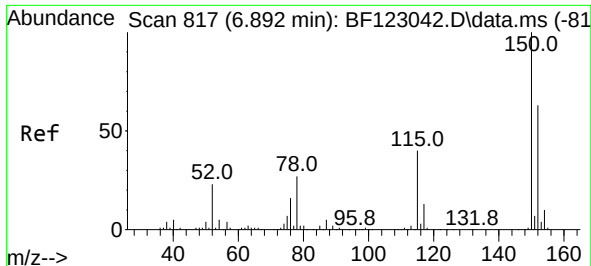
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

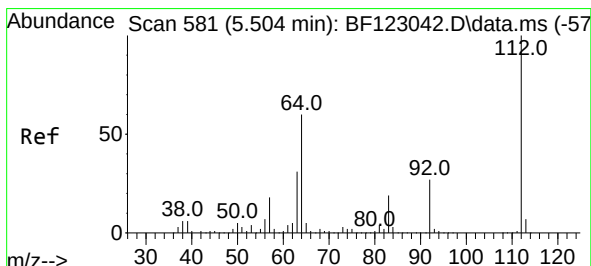
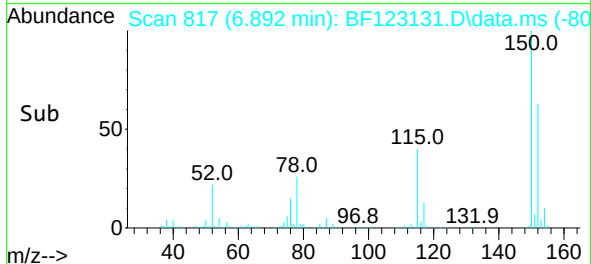
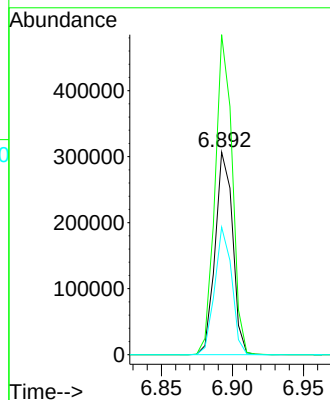
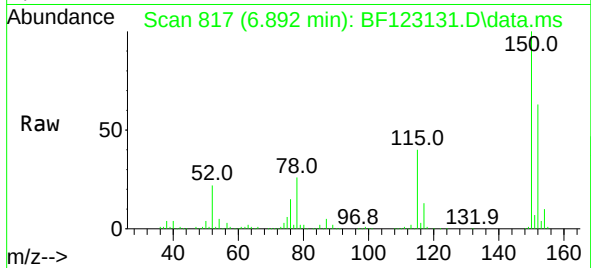




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

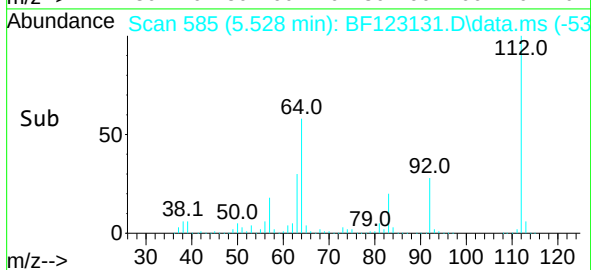
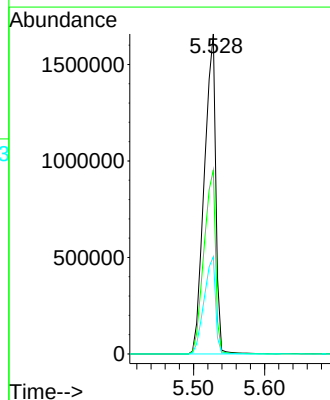
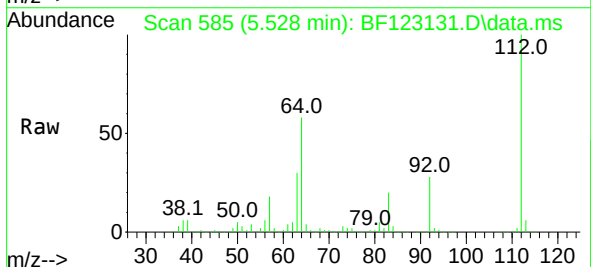
Instrument :
BNA_F
ClientSampleId :
PB134481BL

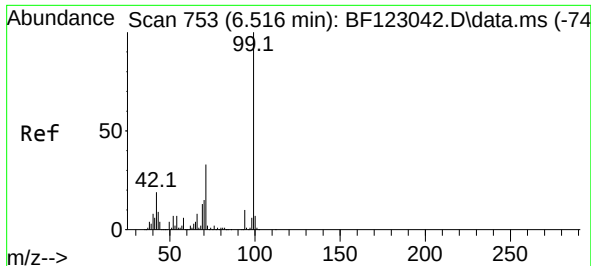
Tgt Ion:152 Resp: 262502
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 63.0 49.3 73.9



#5
2-Fluorophenol
Concen: 109.38 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.023 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion:112 Resp: 1861275
Ion Ratio Lower Upper
112 100
64 57.5 46.9 70.3
63 30.4 24.5 36.7

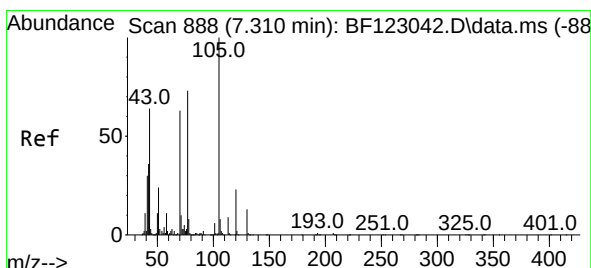
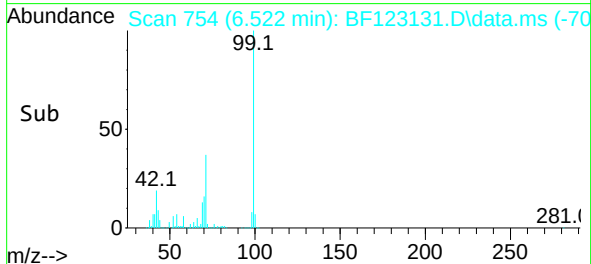
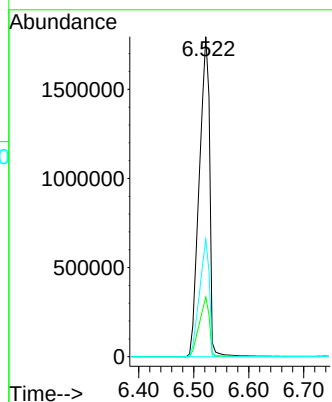
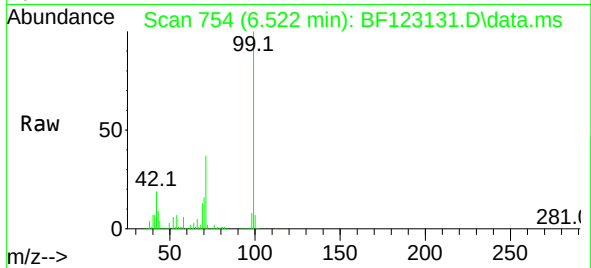




#7
Phenol-d6
Concen: 102.59 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

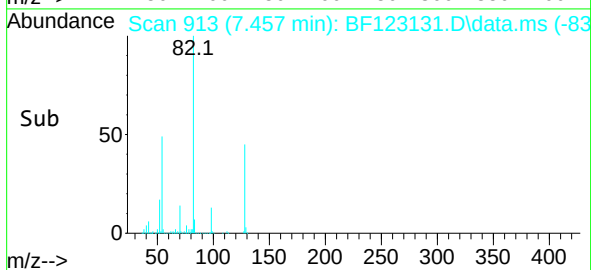
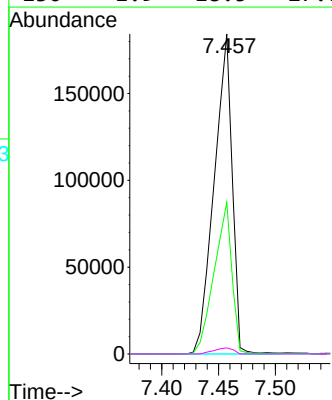
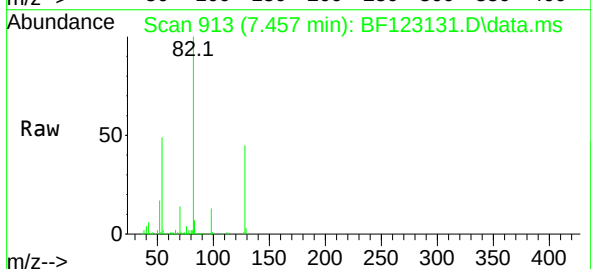
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ClientSampleId :
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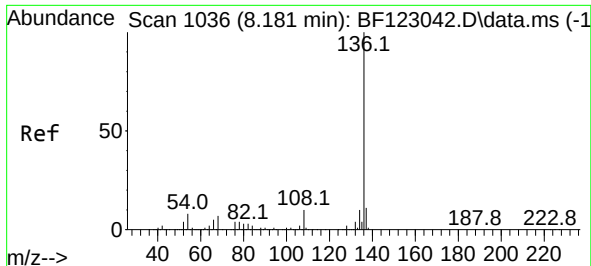
Tgt Ion: 99 Resp: 2366418
Ion Ratio Lower Upper
99 100
42 18.6 13.8 20.6
71 36.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.67 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

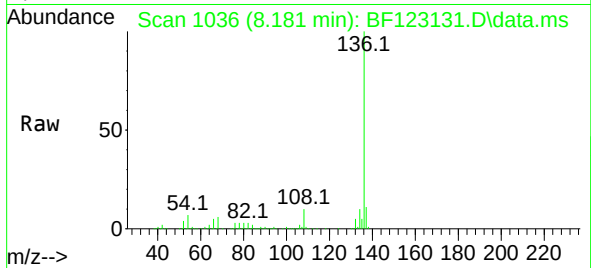
Tgt Ion: 70 Resp: 203457
Ion Ratio Lower Upper
70 100
42 47.4 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



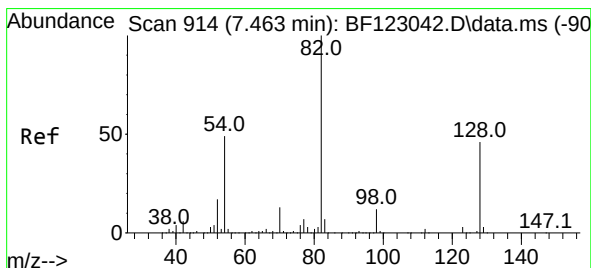
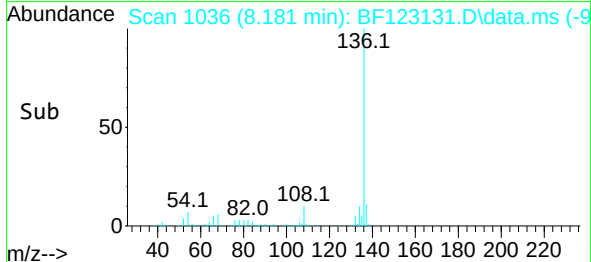
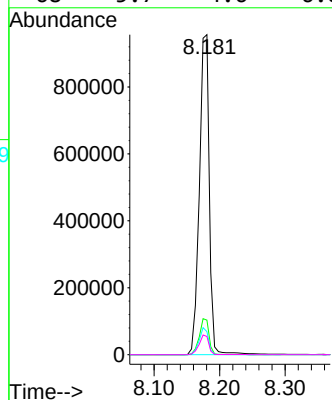


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Instrument :
BNA_F
ClientSampleId :
PB134481BL

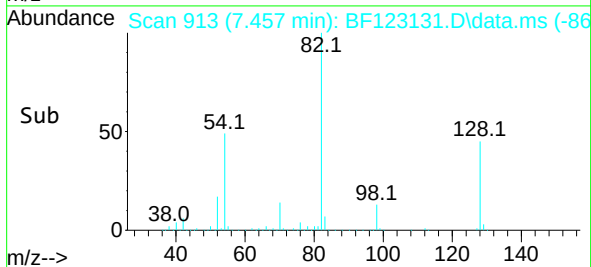
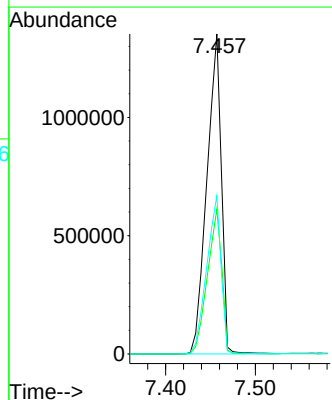
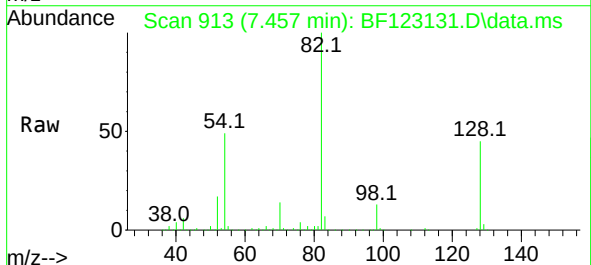


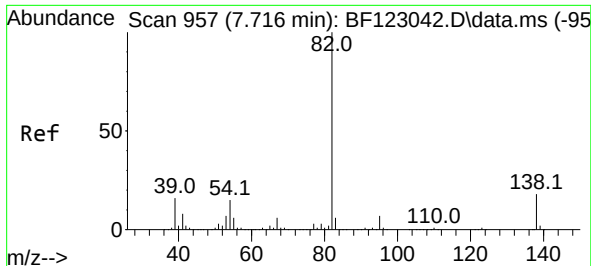
Tgt Ion:136 Resp: 1015126
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 5.5 8.3
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 75.23 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion: 82 Resp: 1517462
Ion Ratio Lower Upper
82 100
128 45.3 37.0 55.4
54 49.5 38.4 57.6

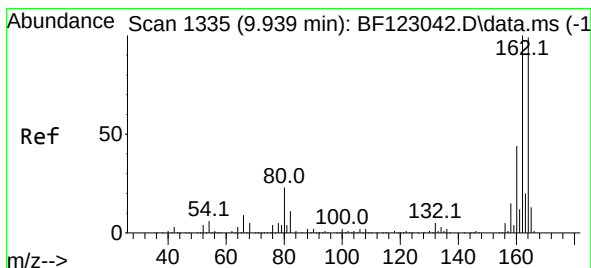
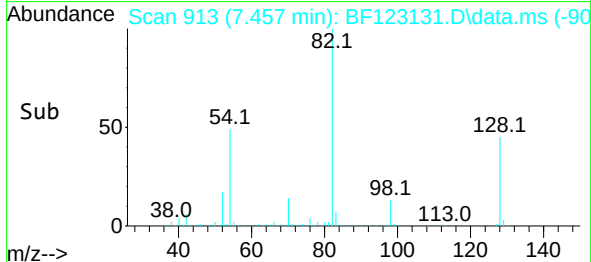
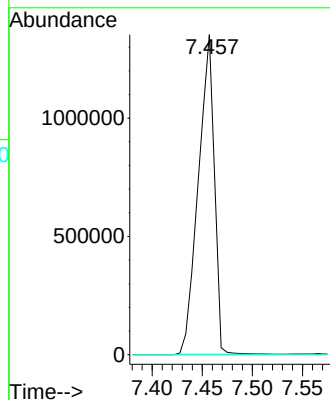
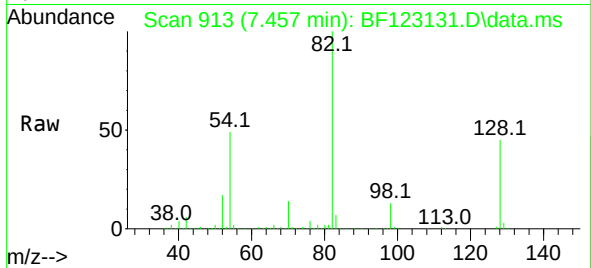




#25
Isophorone
Concen: 40.63 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

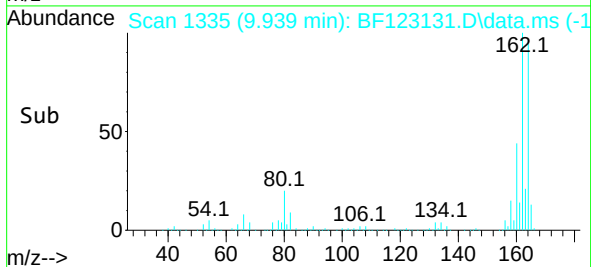
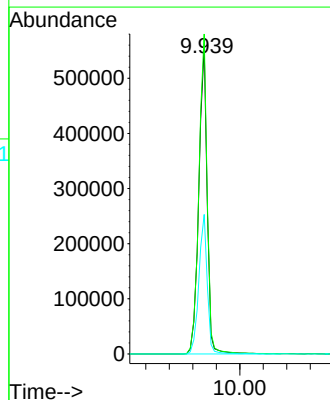
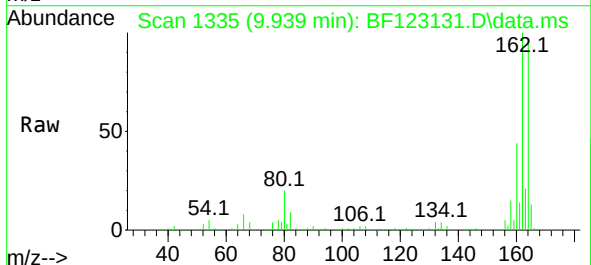
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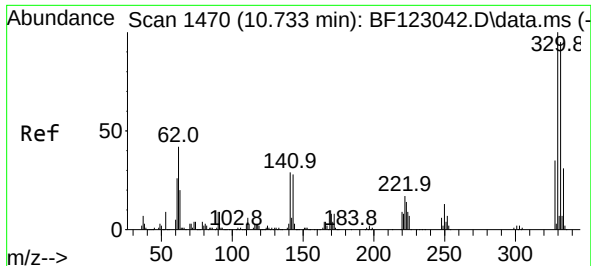
Tgt Ion: 82 Resp: 1501054
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion:164 Resp: 551252
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 45.5 35.4 53.0

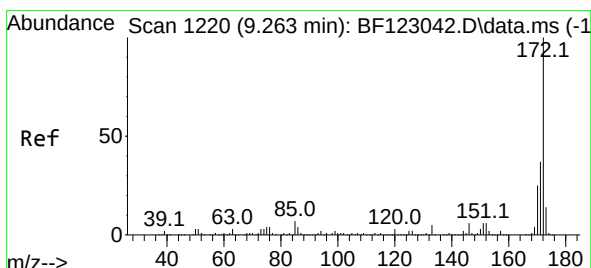
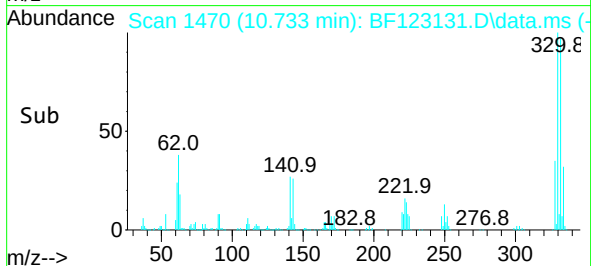
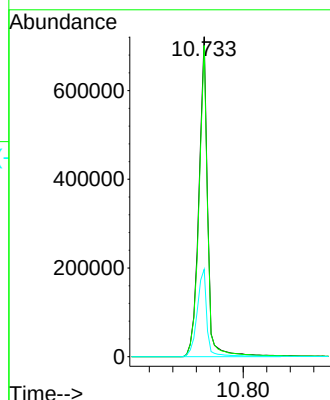
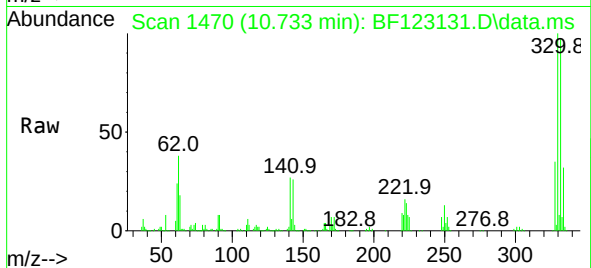




#42
2,4,6-Tribromophenol
Concen: 124.79 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

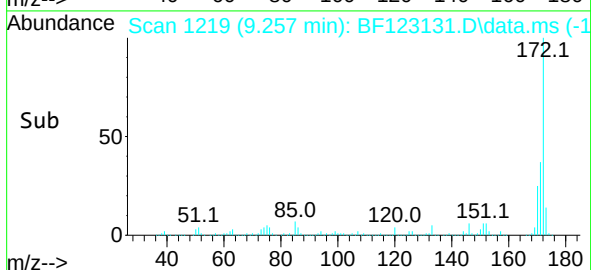
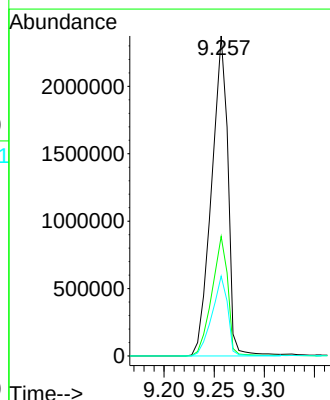
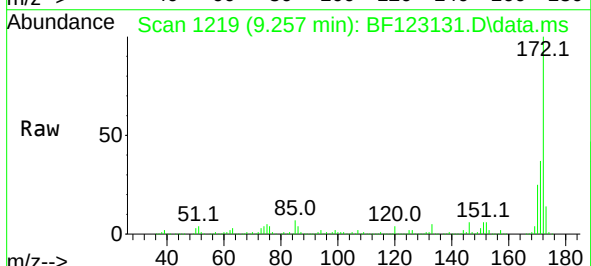
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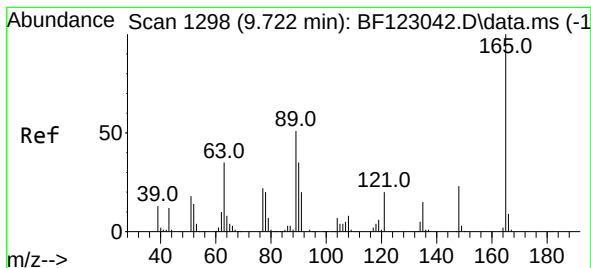
Tgt Ion: 330 Resp: 746745
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 30.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 72.79 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion: 172 Resp: 2699285
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.0 19.5 29.3

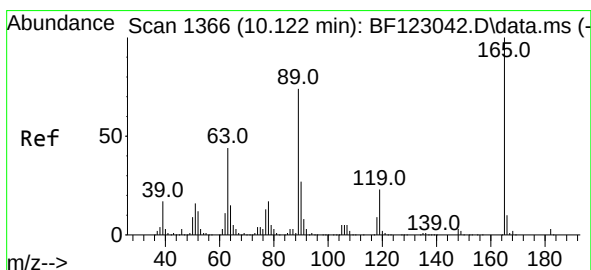
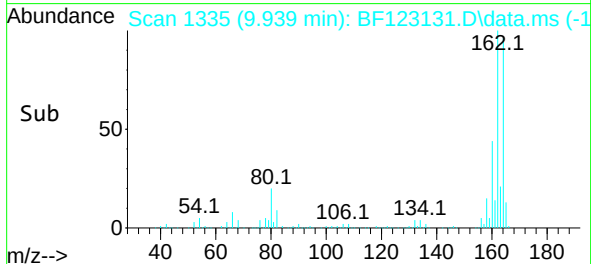
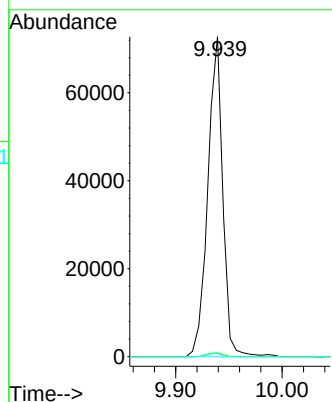
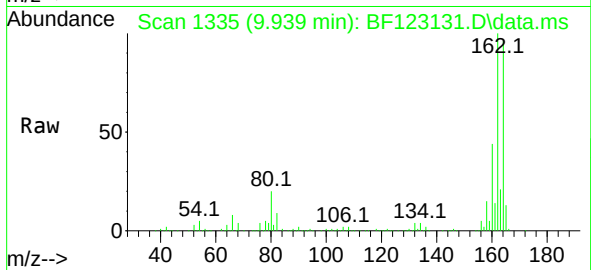




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

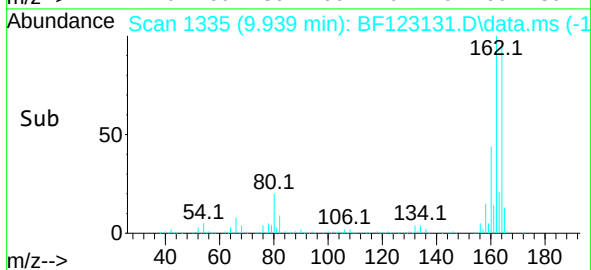
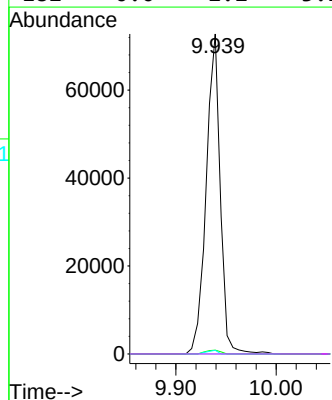
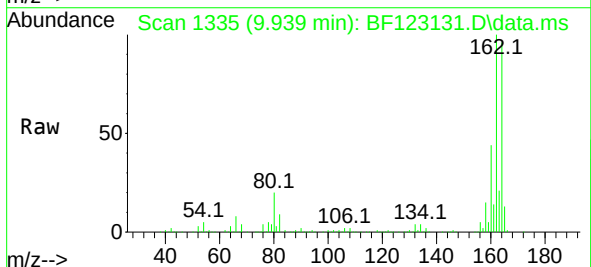
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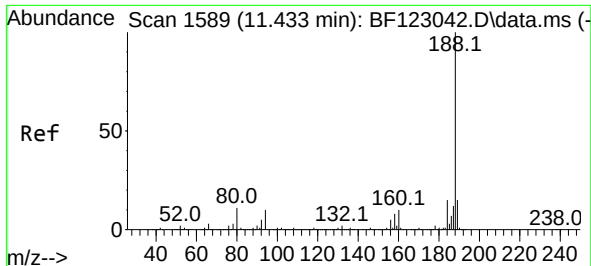
Tgt Ion:165 Resp: 71180
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion:165 Resp: 71180
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

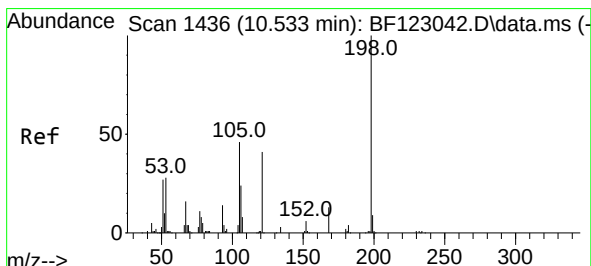
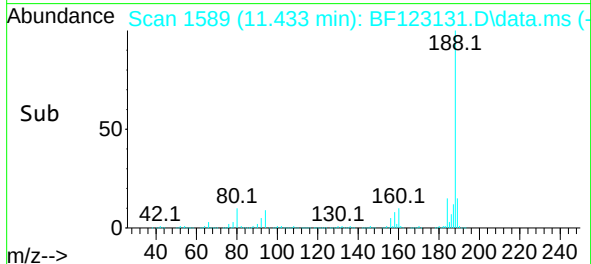
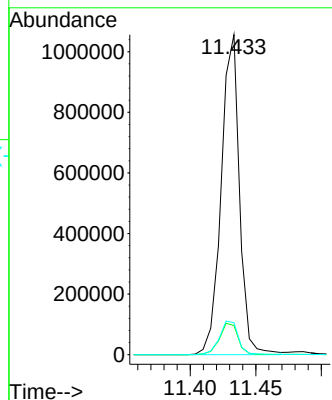
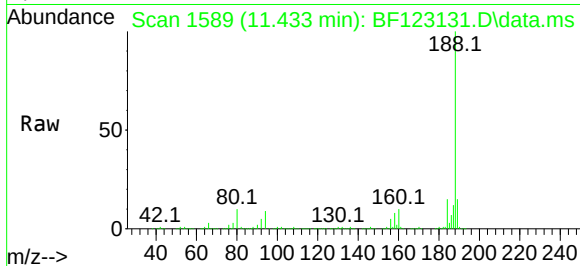




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

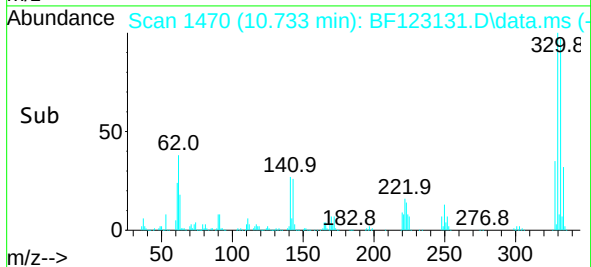
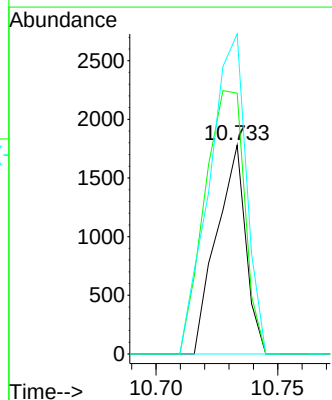
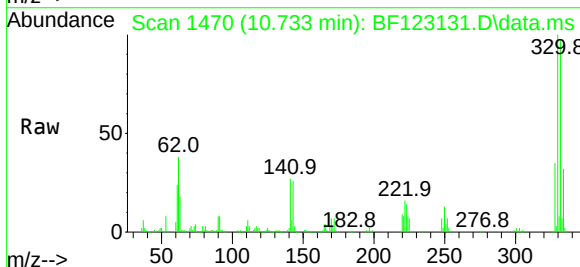
Instrument :
BNA_F
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PB134481BL

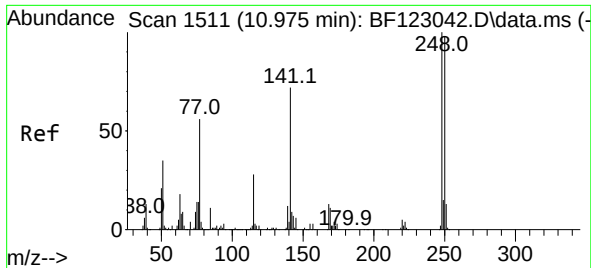
Tgt Ion:188 Resp: 1020368
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.0 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.21 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.200 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion:198 Resp: 1484
Ion Ratio Lower Upper
198 100
51 124.9 20.3 60.3#
105 153.3 23.0 63.0#

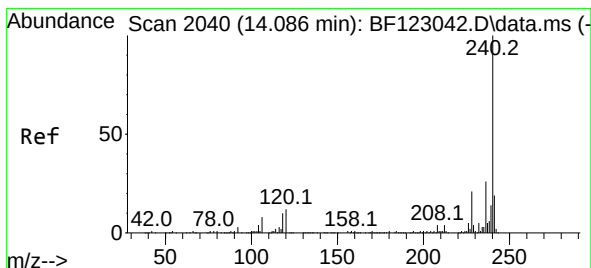
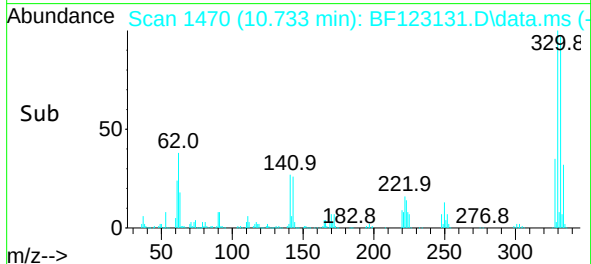
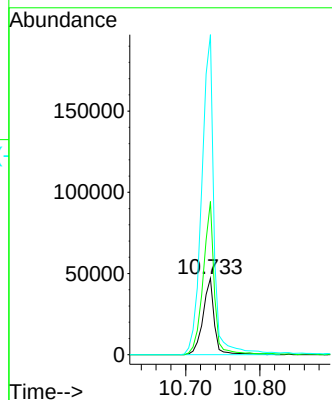
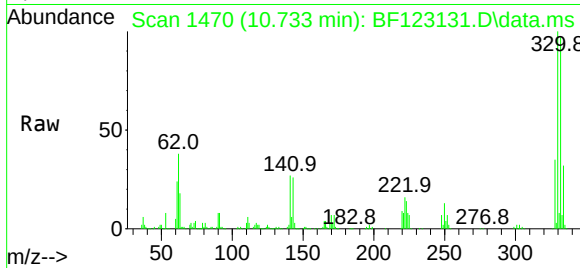




#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

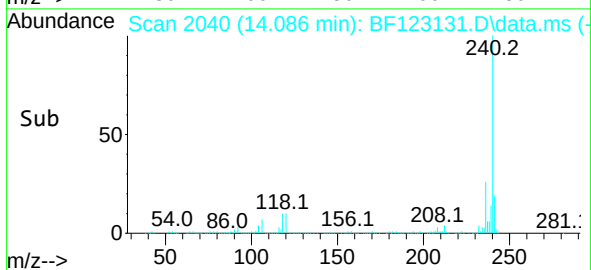
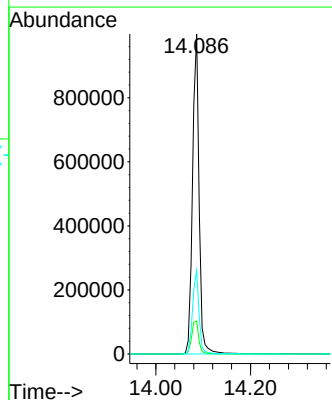
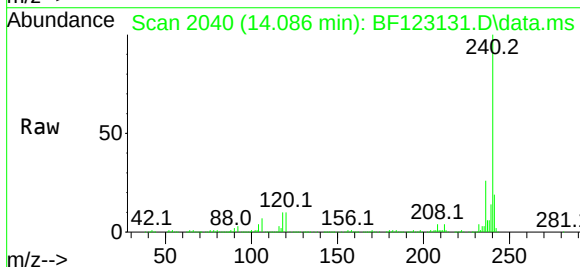
Instrument :
BNA_F
ClientSampleId :
PB134481BL

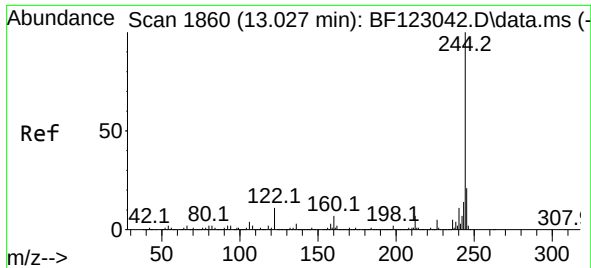
Tgt Ion:248 Resp: 49925
Ion Ratio Lower Upper
248 100
250 200.7 76.8 115.2#
141 419.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion:240 Resp: 961029
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 26.1 20.3 30.5

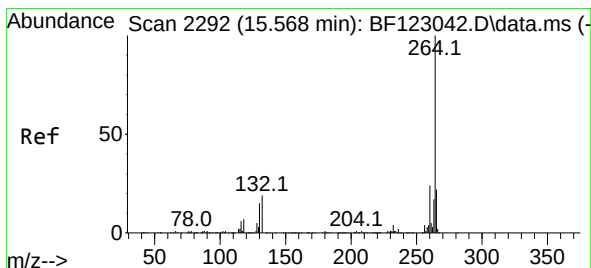
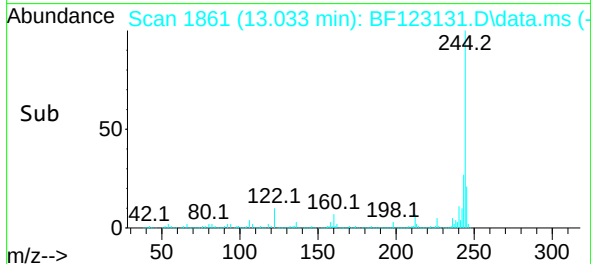
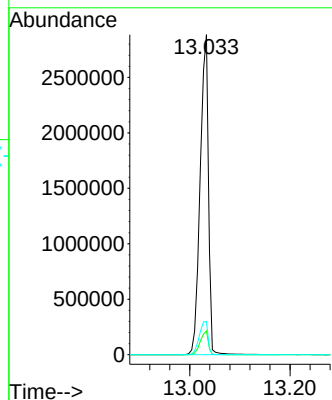
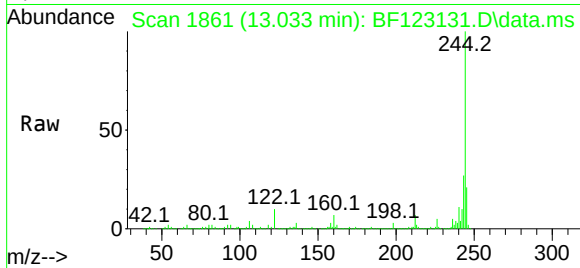




#79
Terphenyl-d14
Concen: 67.36 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Instrument :
BNA_F
ClientSampleId :
PB134481BL

Tgt Ion:244 Resp: 3294866
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: 15.580 min Scan# 2294
Delta R.T. 0.012 min
Lab File: BF123131.D
Acq: 5 Feb 2021 12:40

Tgt Ion:264 Resp: 850178
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.3 17.0 25.6

