

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123463.D
 Acq On : 25 Mar 2021 15:55
 Operator : JU/CG
 Sample : PB135322BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135322BL

Quant Time: Mar 25 17:07:58 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 17:06:59 2021
 Response via : Initial Calibration

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

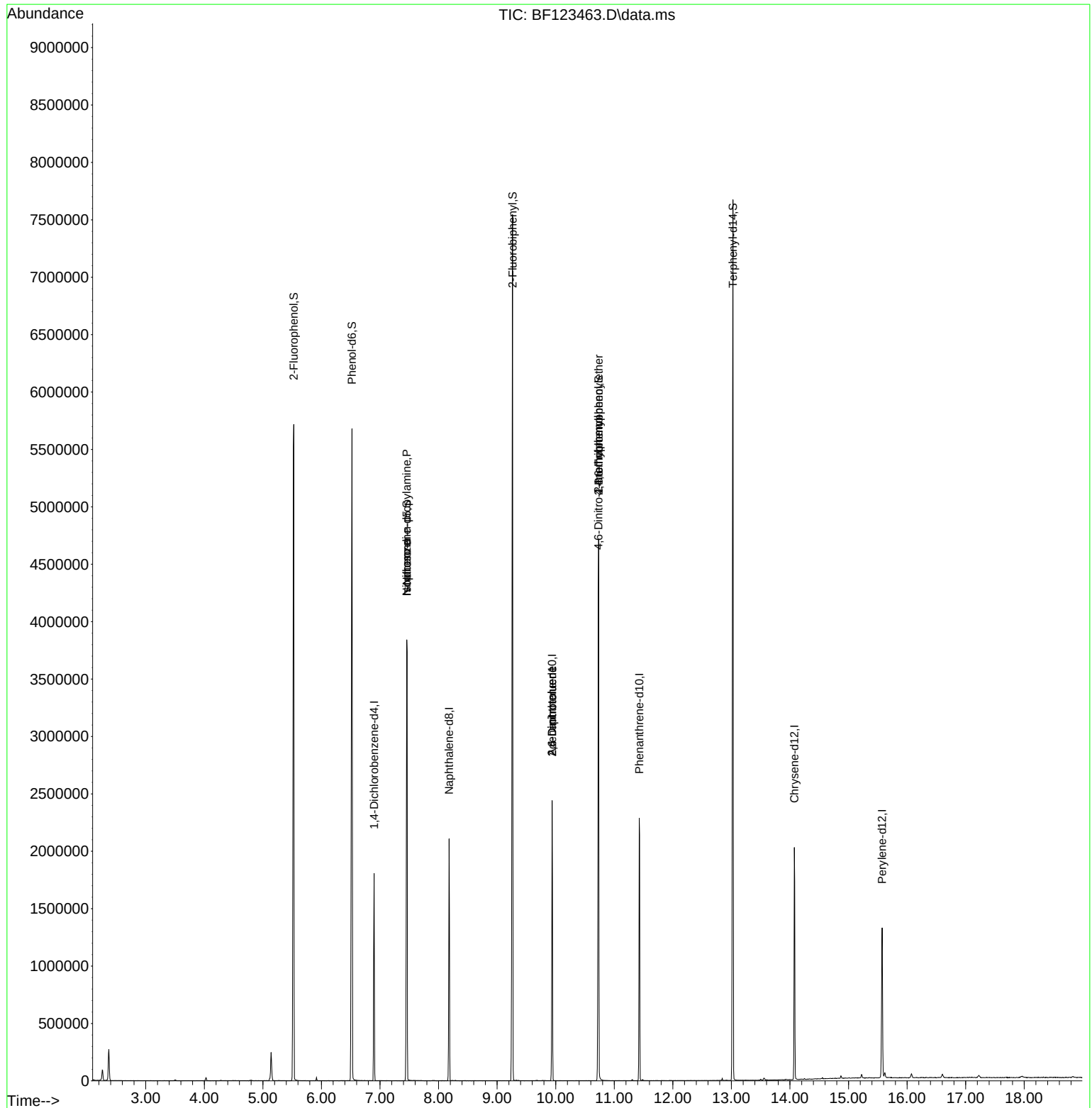
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	235009	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	863986	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	468238	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	841811	20.00	ng	0.00
76) Chrysene-d12	14.074	240	685189	20.00	ng	0.00
86) Perylene-d12	15.574	264	583758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1595177	111.04	ng	0.02
7) Phenol-d6	6.522	99	2004239	104.81	ng	0.00
23) Nitrobenzene-d5	7.457	82	1345142	84.03	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	603692	115.32	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2343614	71.51	ng	0.00
79) Terphenyl-d14	13.027	244	2601443	64.34	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.522	77	2967	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	183608	14.84	ng	# 79
25) Isophorone	7.457	82	1342314	39.00	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	59519	8.57	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	59519	6.86	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.727	198	1107	5.34	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	35161	3.53	ng	# 1

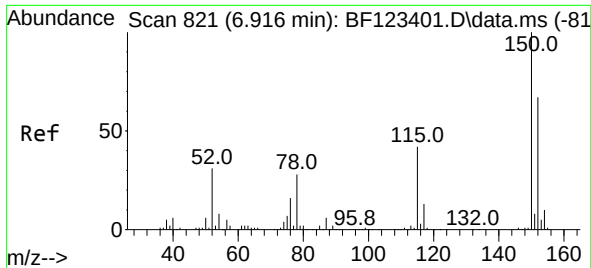
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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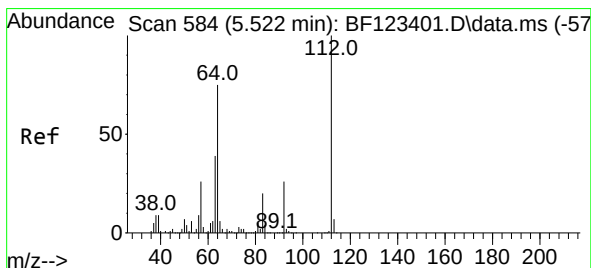
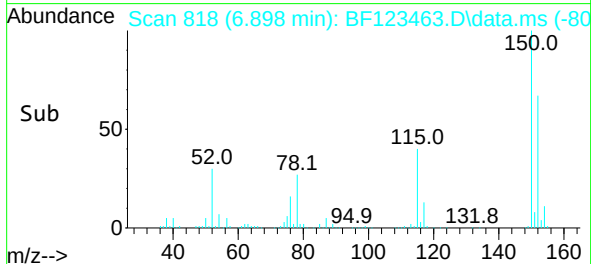
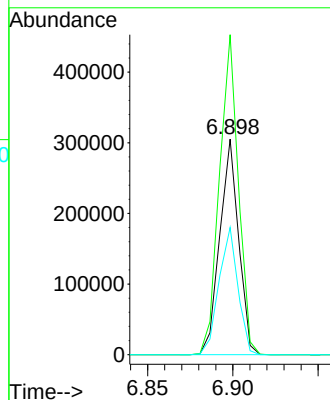
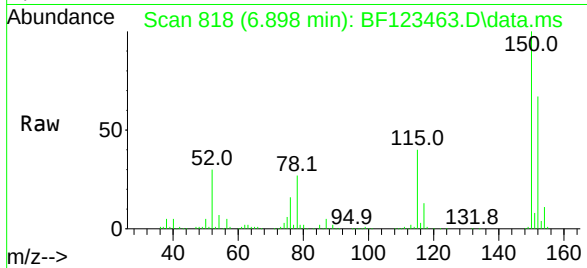




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

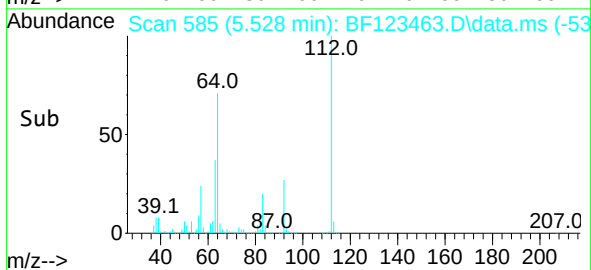
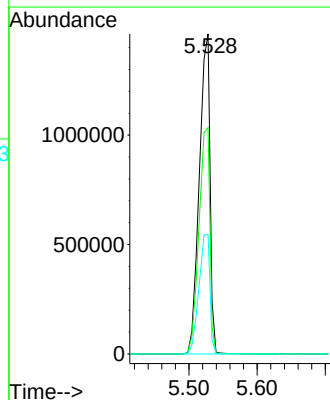
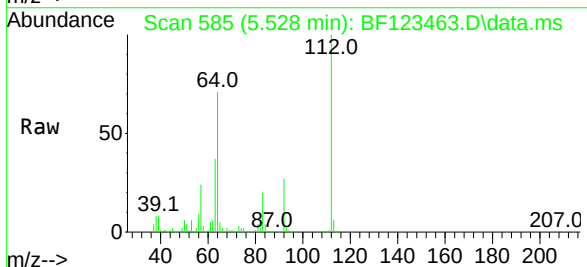
Instrument :
BNA_F
ClientSampleId :
PB135322BL

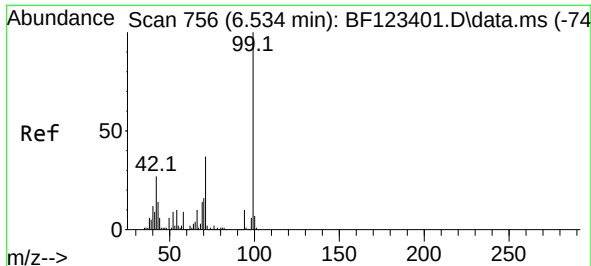
Tgt Ion:152 Resp: 235009
Ion Ratio Lower Upper
152 100
150 148.5 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 111.04 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion:112 Resp: 1595177
Ion Ratio Lower Upper
112 100
64 70.7 46.9 70.3#
63 37.4 24.5 36.7#

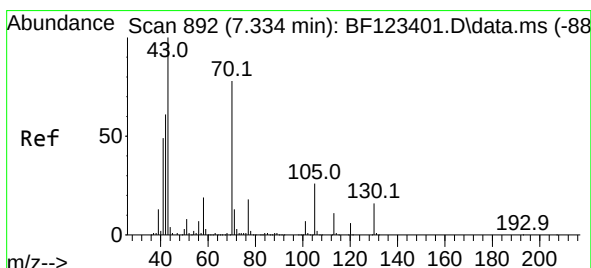
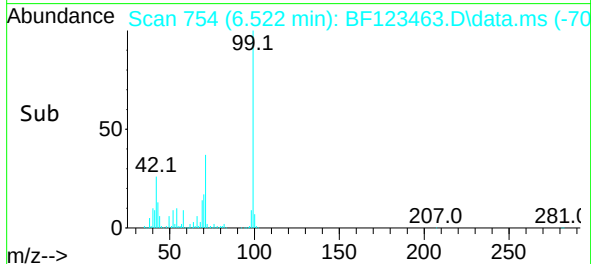
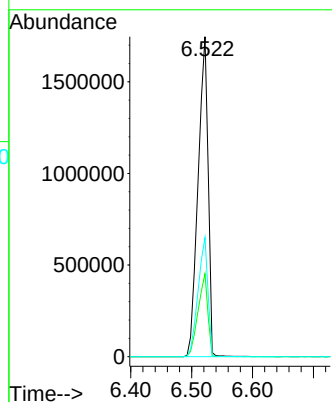
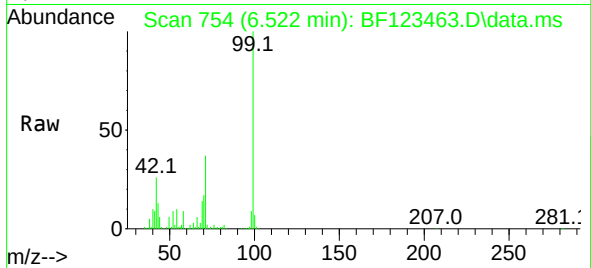




#7
Phenol-d6
Concen: 104.81 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

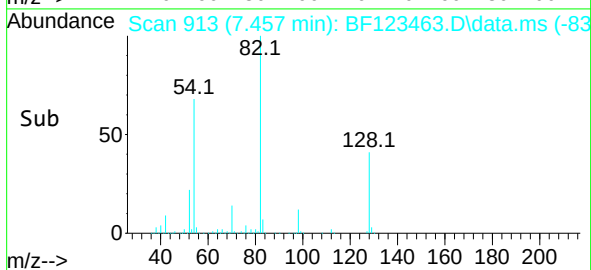
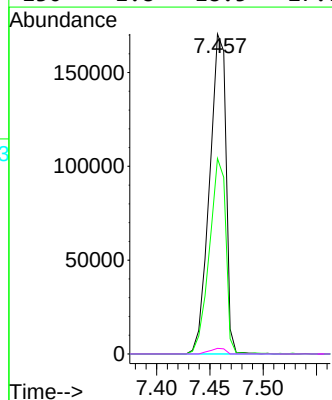
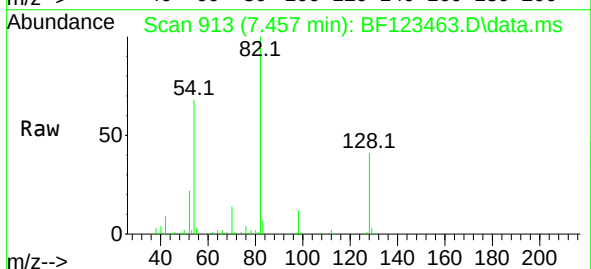
Instrument :
BNA_F
ClientSampleId :
PB135322BL

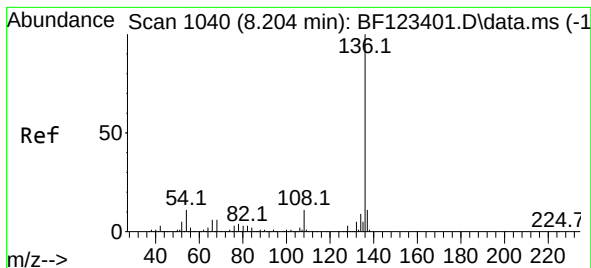
Tgt Ion: 99 Resp: 2004239
Ion Ratio Lower Upper
99 100
42 25.9 13.8 20.6#
71 37.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion: 70 Resp: 183608
Ion Ratio Lower Upper
70 100
42 61.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#

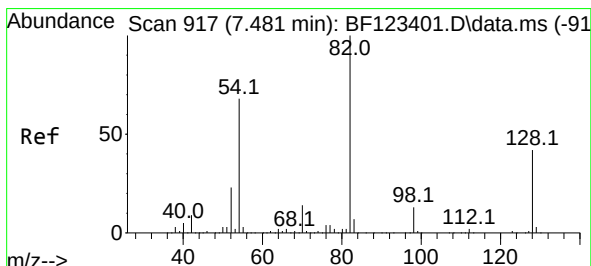
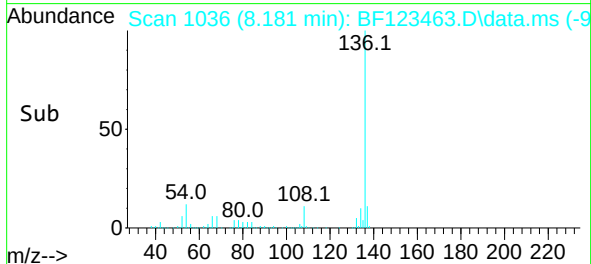
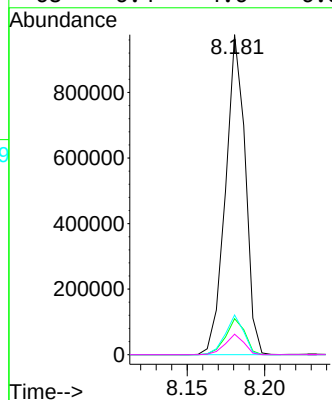
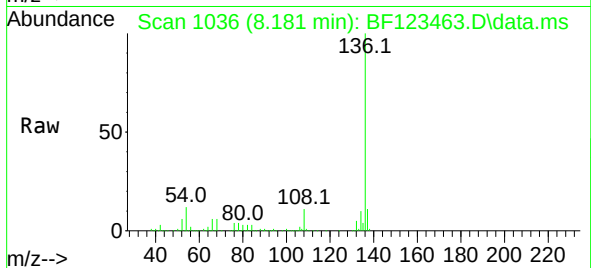




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

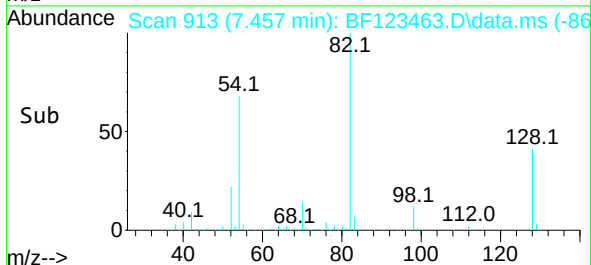
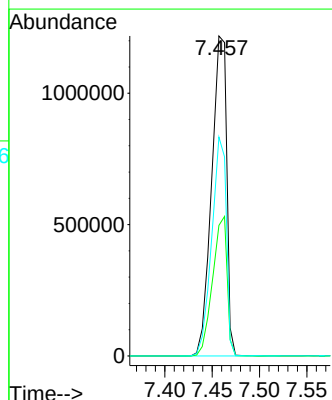
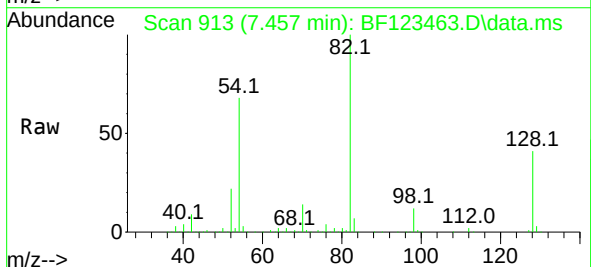
Instrument :
BNA_F
ClientSampleId :
PB135322BL

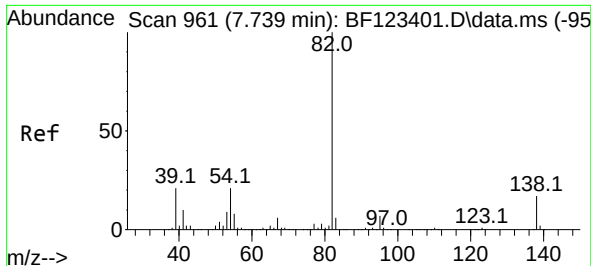
Tgt Ion:136	Resp: 863986
Ion Ratio	Lower Upper
136	100
137	11.3 8.8 13.2
54	12.4 5.5 8.3#
68	6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 84.03 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion: 82	Resp: 1345142
Ion Ratio	Lower Upper
82	100
128	40.8 37.0 55.4
54	68.4 38.4 57.6#

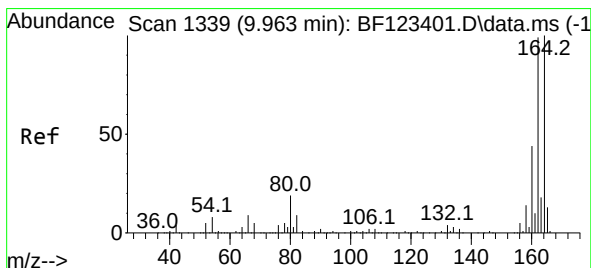
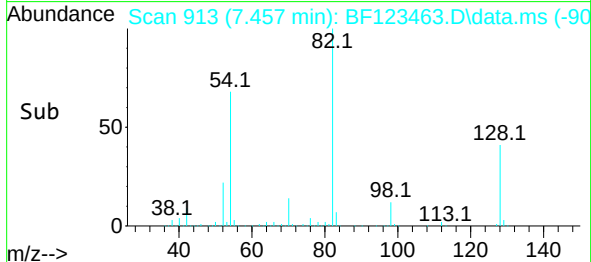
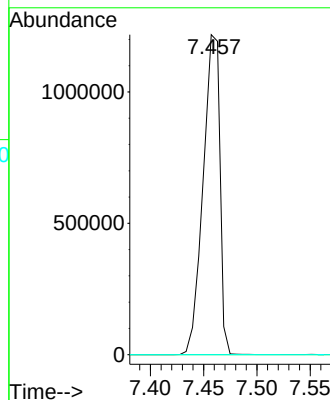
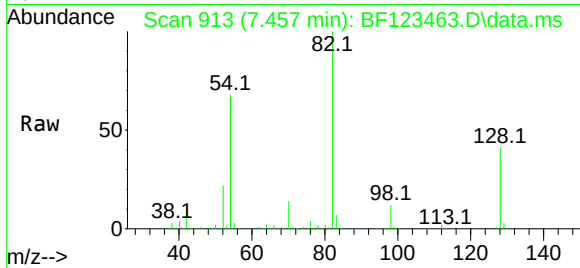




#25
Isophorone
Concen: 39.00 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

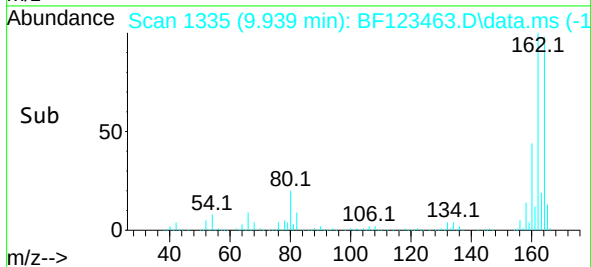
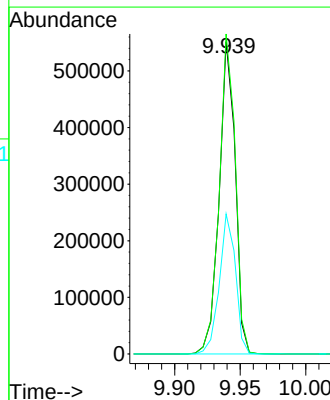
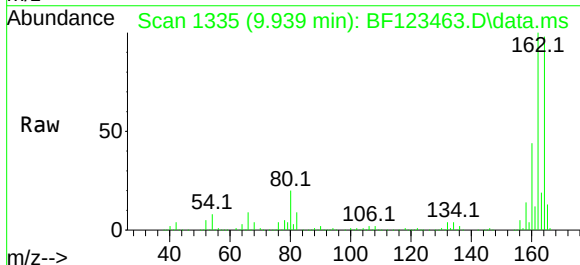
Instrument :
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ClientSampleId :
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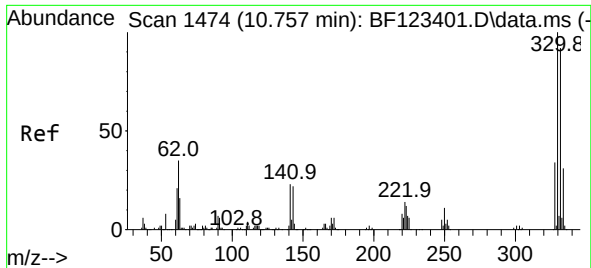
Tgt Ion: 82 Resp: 1342314
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion:164 Resp: 468238
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 44.8 35.4 53.0

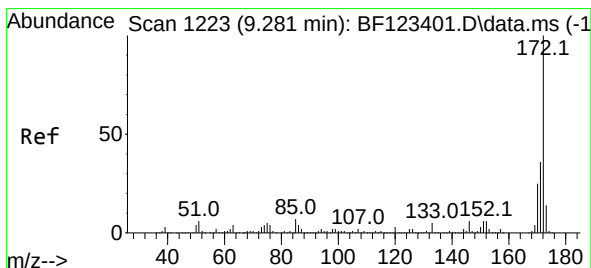
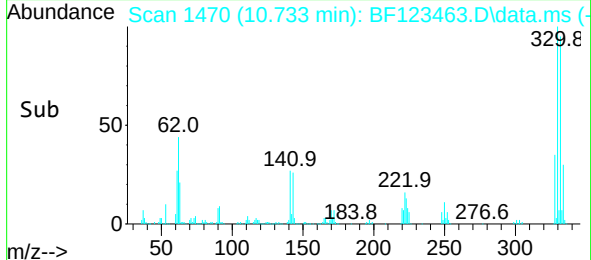
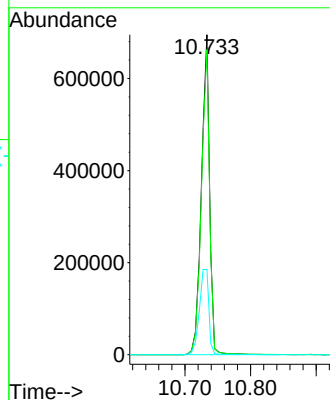
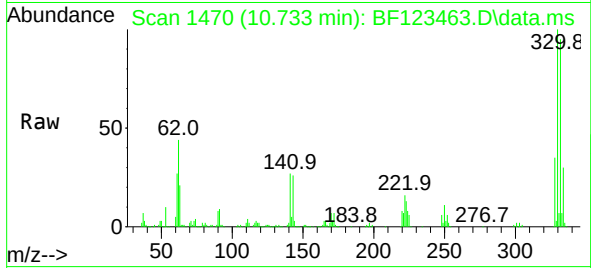




#42
2,4,6-Tribromophenol
Concen: 115.32 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

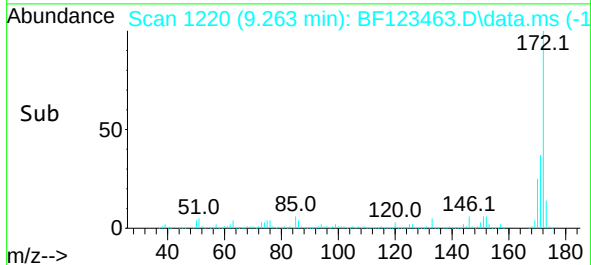
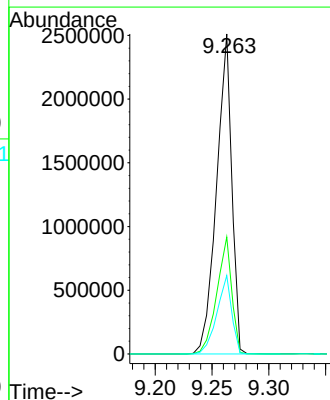
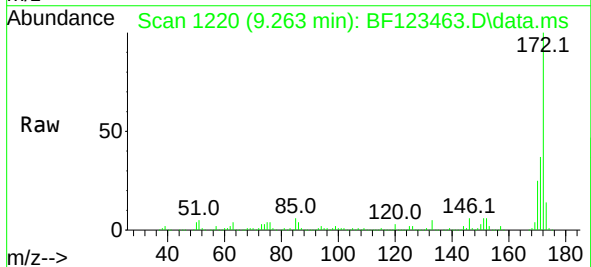
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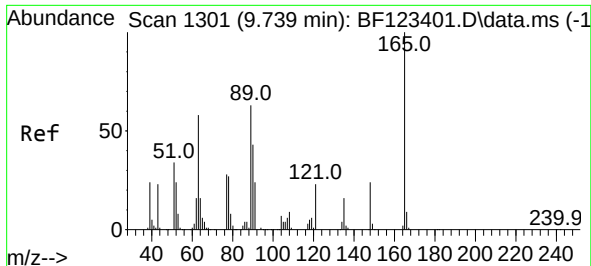
Tgt Ion: 330 Resp: 603692
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 31.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 71.51 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion: 172 Resp: 2343614
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.5 19.5 29.3

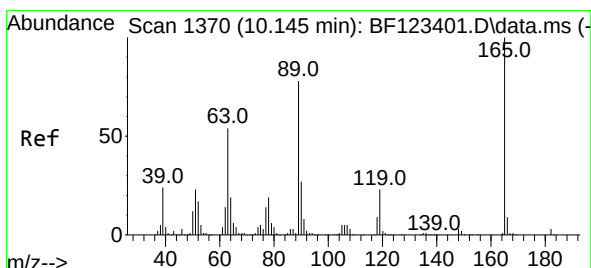
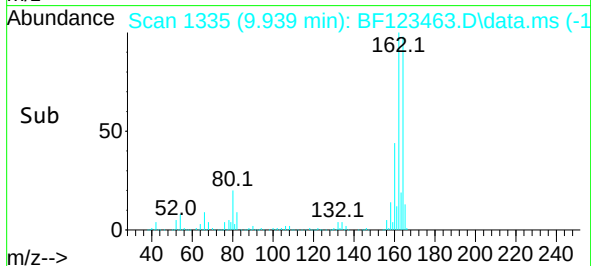
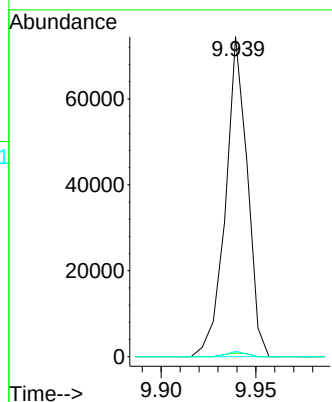
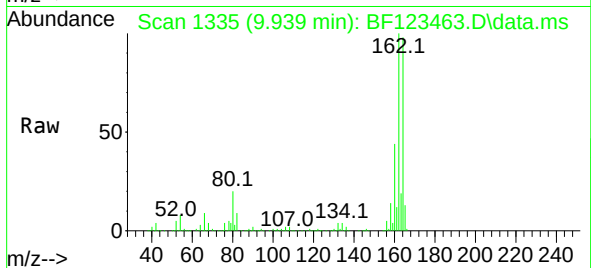




#51
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

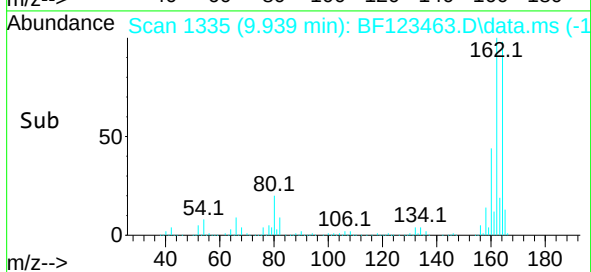
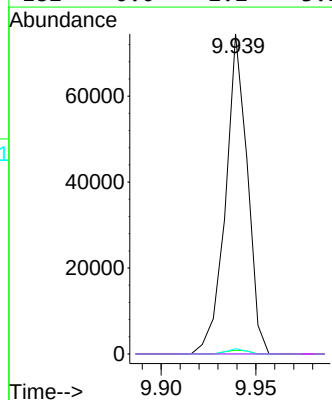
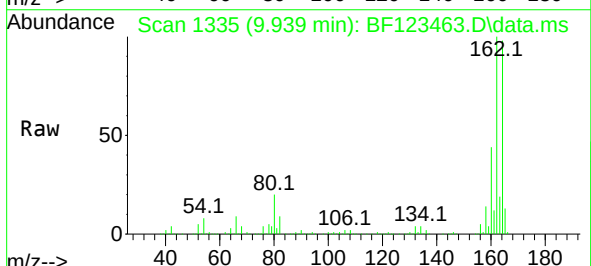
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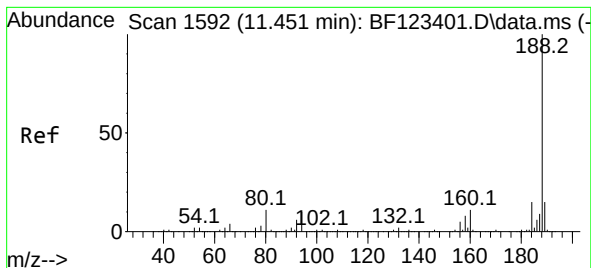
Tgt Ion:165 Resp: 59519
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion:165 Resp: 59519
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

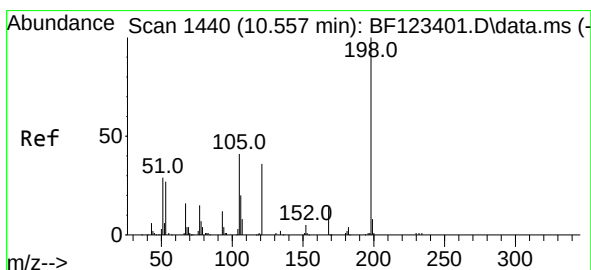
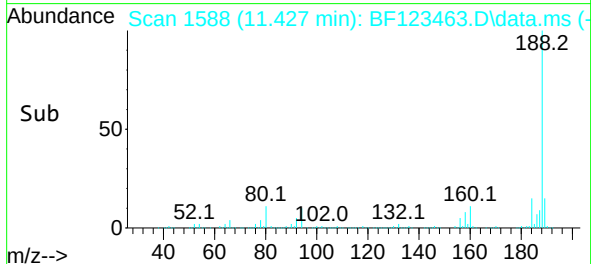
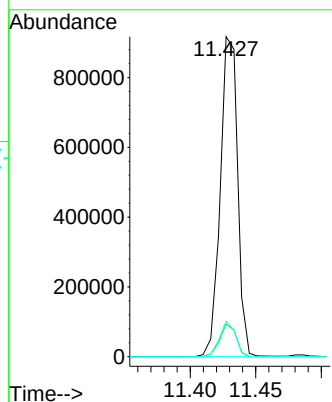
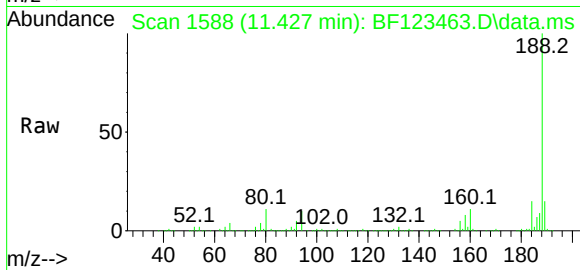




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

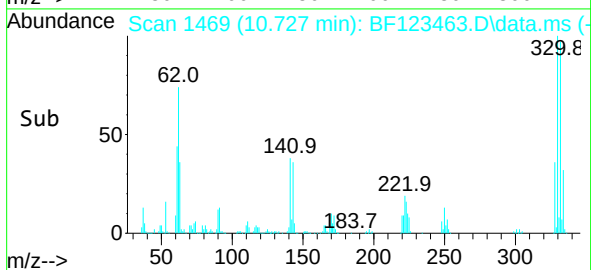
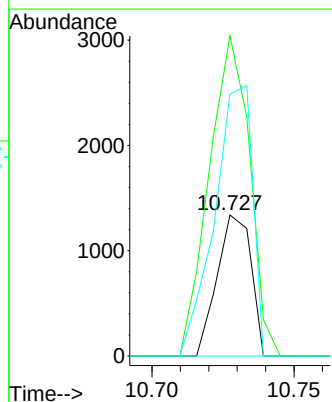
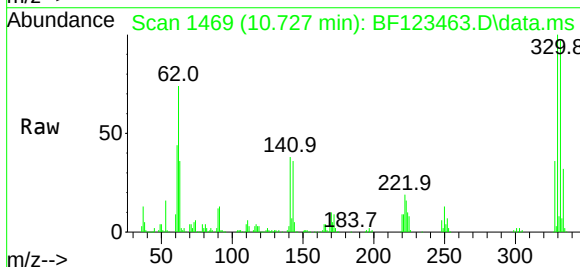
Instrument :
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ClientSampleId :
PB135322BL

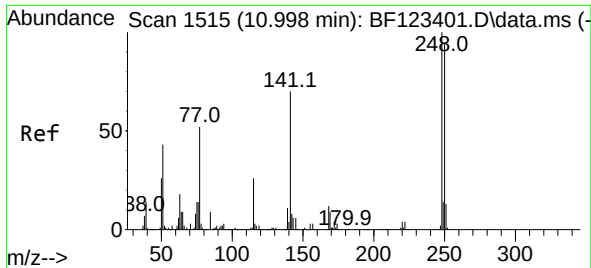
Tgt Ion:188 Resp: 841811
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.2 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.34 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion:198 Resp: 1107
Ion Ratio Lower Upper
198 100
51 227.0 20.3 60.3#
105 185.9 23.0 63.0#

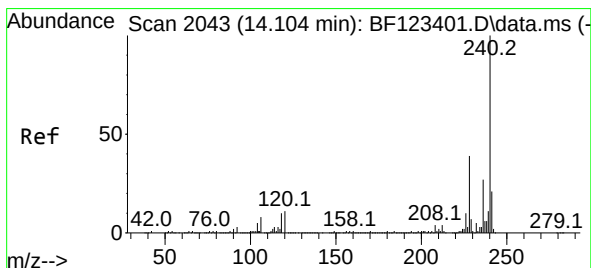
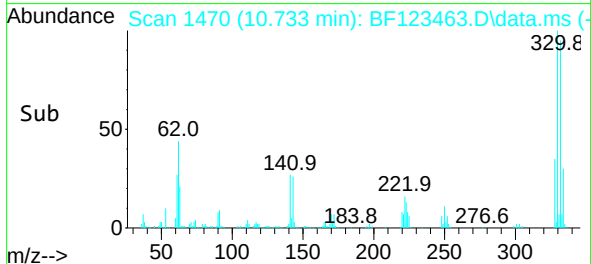
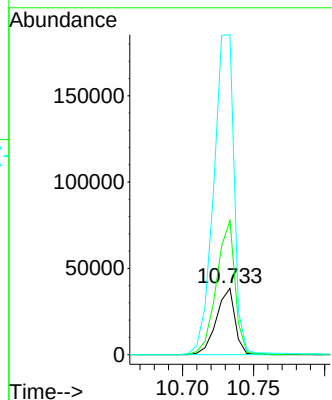
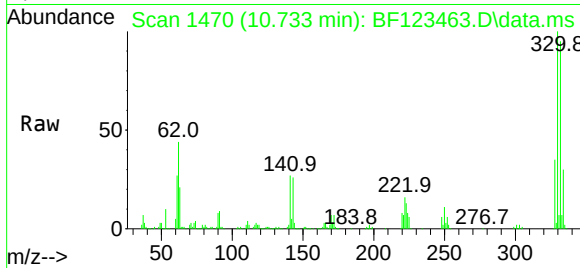




#67
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

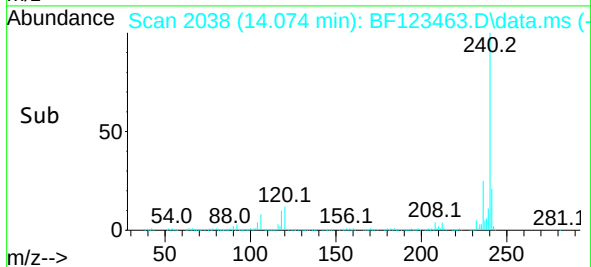
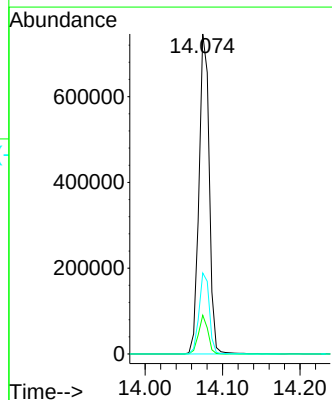
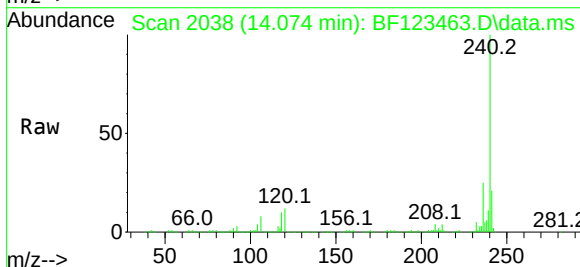
Instrument :
BNA_F
ClientSampleId :
PB135322BL

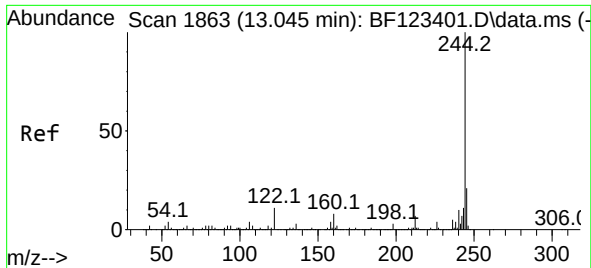
Tgt Ion:248 Resp: 35161
Ion Ratio Lower Upper
248 100
250 202.5 76.8 115.2#
141 482.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion:240 Resp: 685189
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 25.3 20.3 30.5

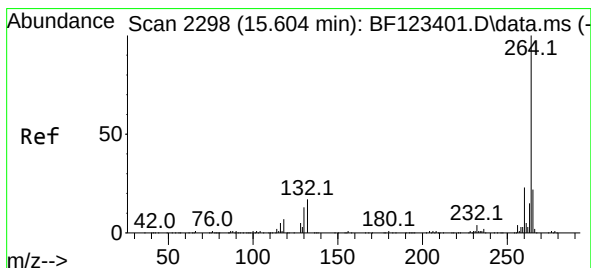
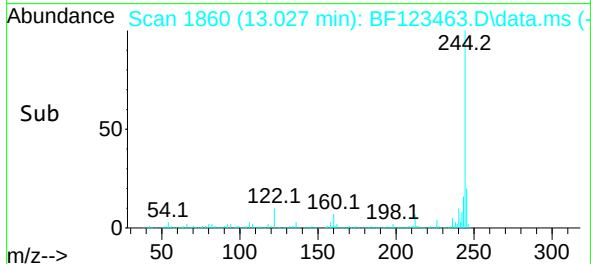
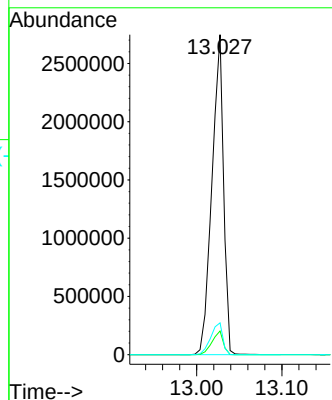
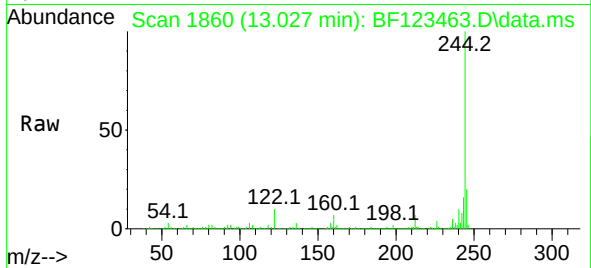




#79
Terphenyl-d14
Concen: 64.34 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF123463.D
Acq: 25 Mar 2021 15:55

Instrument :
BNA_F
ClientSampleId :
PB135322BL

Tgt Ion:244 Resp: 2601443
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.0 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: BF123463.D
Acq: 25 Mar 2021 15:55

Tgt Ion:264 Resp: 583758
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 22.4 17.0 25.6

