

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123466.D
 Acq On : 25 Mar 2021 17:39
 Operator : JU/CG
 Sample : M1786-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Mar 25 18:11:40 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)

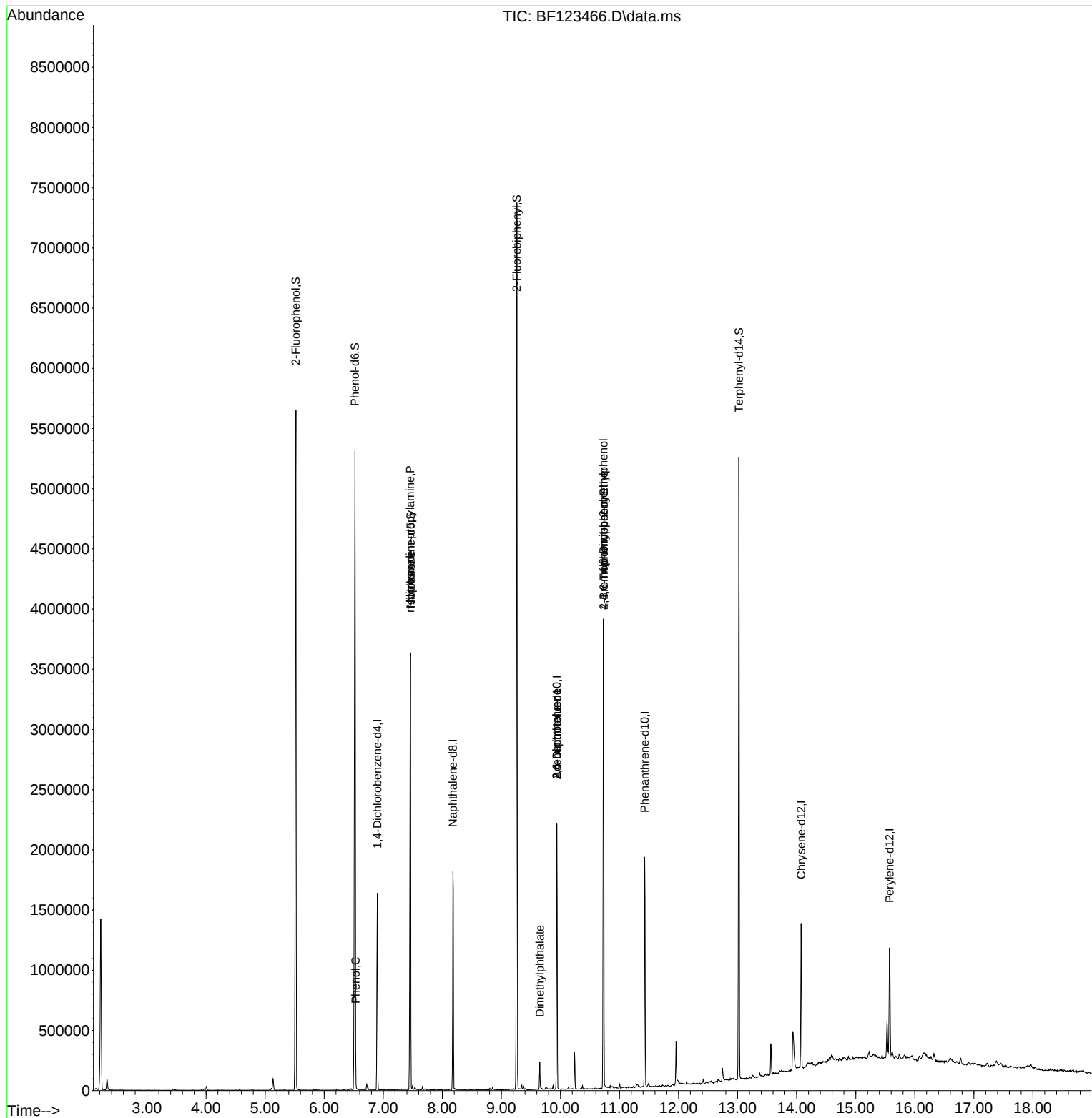
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	209577	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	773264	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	418259	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	654532	20.00	ng	0.00
76) Chrysene-d12	14.074	240	396428	20.00	ng	0.00
86) Perylene-d12	15.574	264	418644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1452270	113.36	ng	0.01
7) Phenol-d6	6.522	99	1837809	107.77	ng	0.00
23) Nitrobenzene-d5	7.463	82	1231631	85.96	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	482833	103.26	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2115430	72.26	ng	0.00
79) Terphenyl-d14	13.021	244	1683141	71.96	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	113	Below Cal	#	51
10) Phenol	6.534	94	35054	2.00	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	172826	15.67	ng	# 81
25) Isophorone	7.463	82	1231598	39.98	ng	# 65
50) Dimethylphthalate	9.651	163	71781	2.42	ng	98
51) 2,6-Dinitrotoluene	9.939	165	55851	9.00	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	55851	7.21	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	905	5.35	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	28954	3.73	ng	# 1

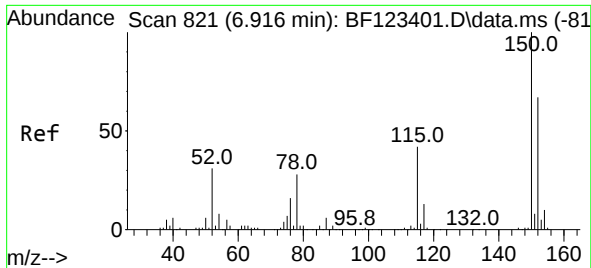
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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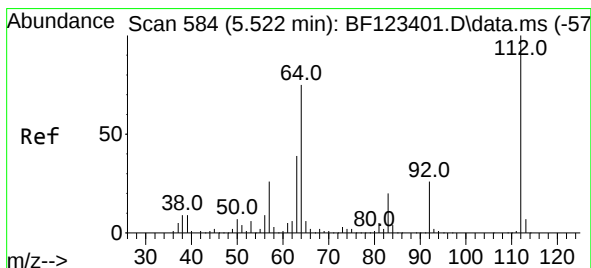
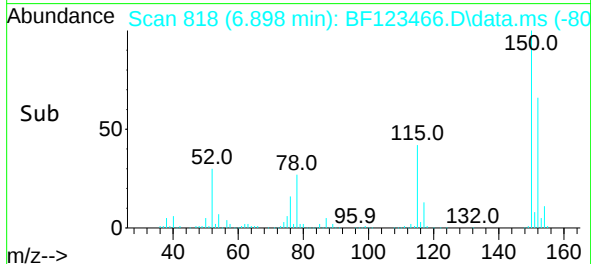
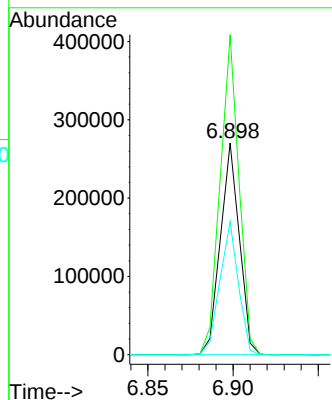
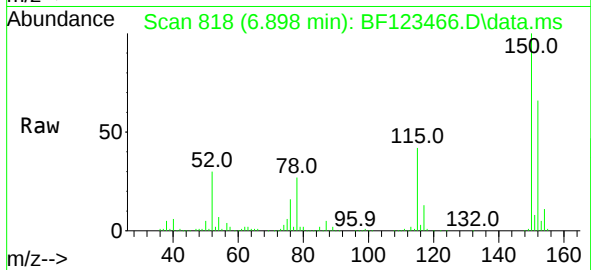




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

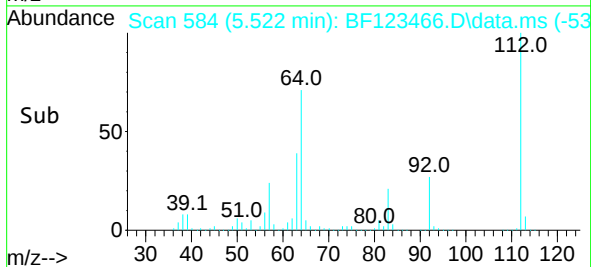
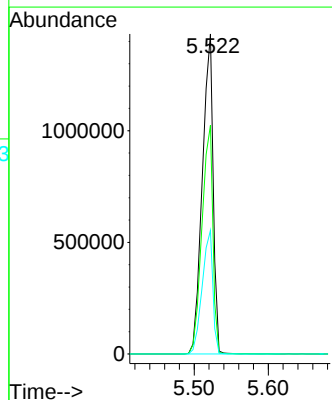
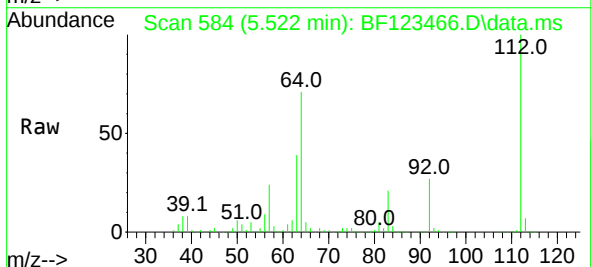
Instrument :
BNA_F
ClientSampled :
SP-1

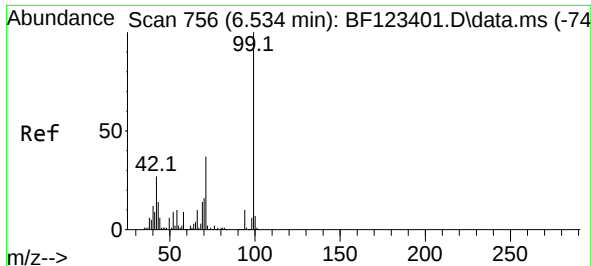
Tgt Ion:152 Resp: 209577
Ion Ratio Lower Upper
152 100
150 151.1 125.8 188.6
115 62.9 49.3 73.9



#5
2-Fluorophenol
Concen: 113.36 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion:112 Resp: 1452270
Ion Ratio Lower Upper
112 100
64 71.4 46.9 70.3#
63 38.6 24.5 36.7#

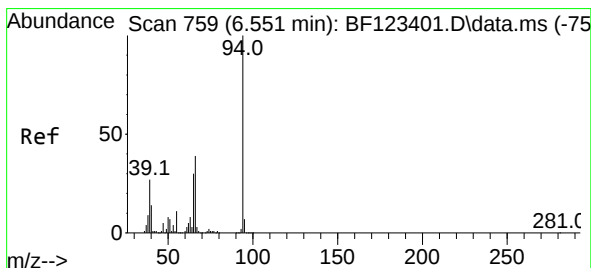
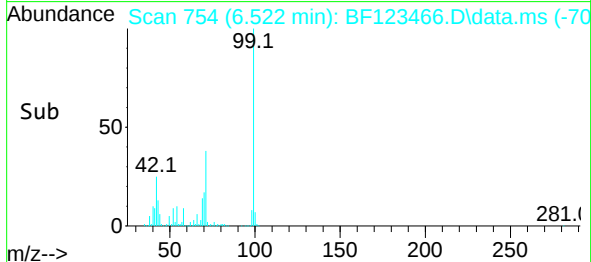
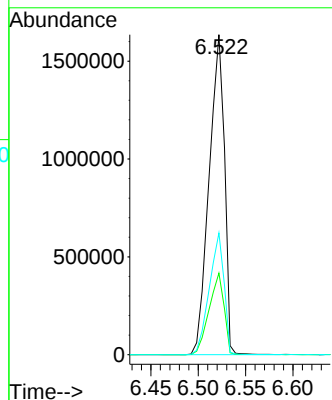
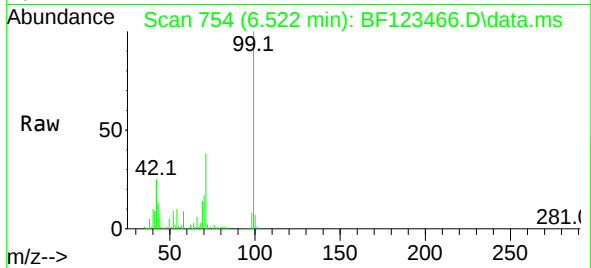




#7
Phenol-d6
Concen: 107.77 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

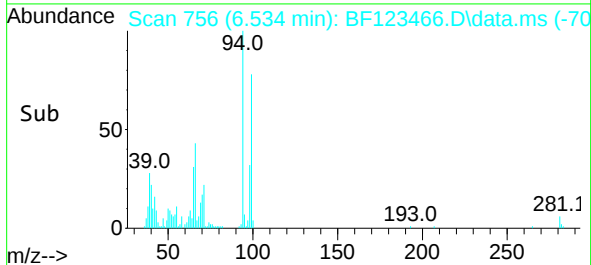
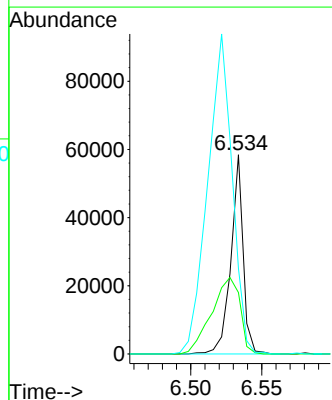
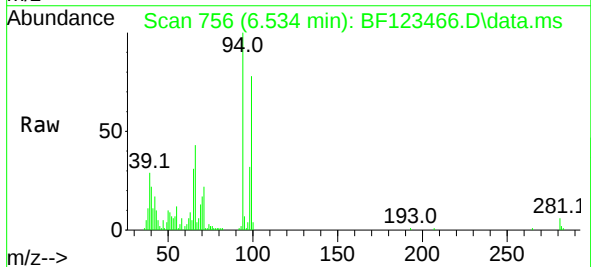
Instrument :
BNA_F
ClientSampled :
SP-1

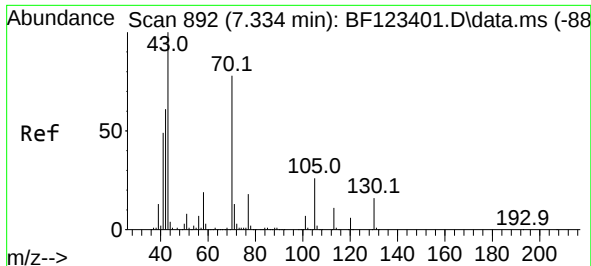
Tgt Ion: 99 Resp: 1837809
Ion Ratio Lower Upper
99 100
42 25.5 13.8 20.6#
71 38.1 26.9 40.3



#10
Phenol
Concen: 2.00 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

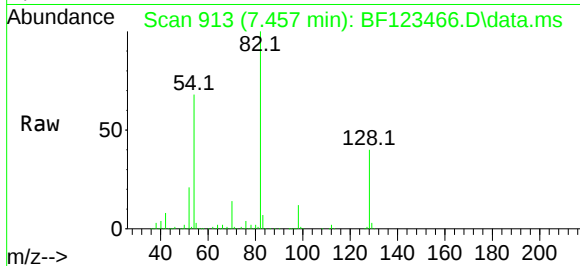
Tgt Ion: 94 Resp: 35054
Ion Ratio Lower Upper
94 100
65 30.9 11.2 51.2
66 43.0 25.8 65.8



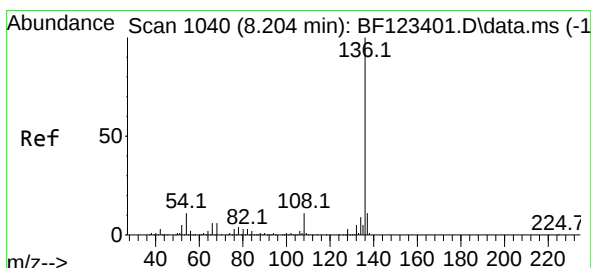
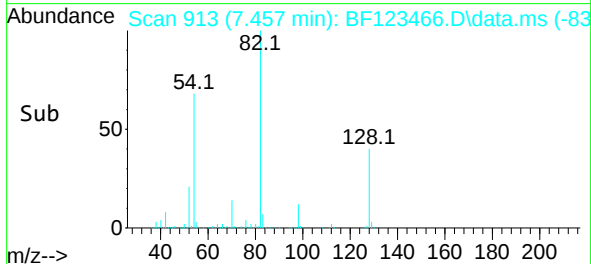
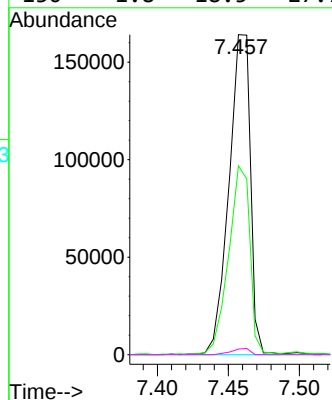


#19
n-Nitroso-di-n-propylamine
Concen: 15.67 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

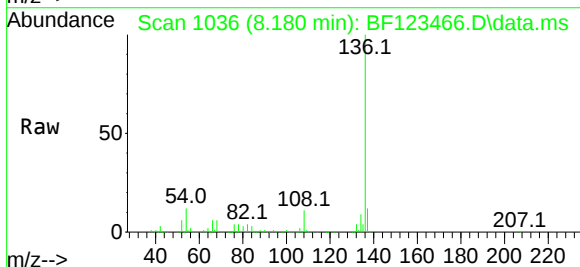
Instrument :
BNA_F
ClientSampled :
SP-1



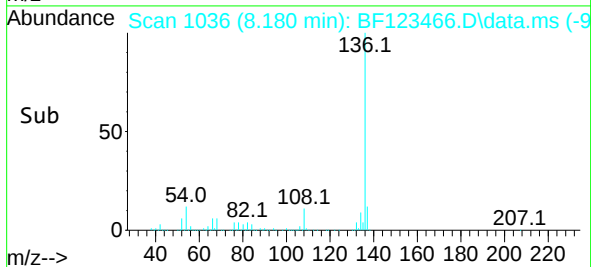
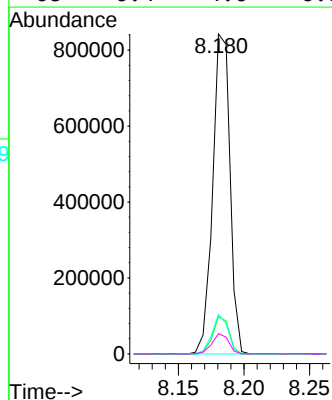
Tgt Ion: 70 Resp: 172826
Ion Ratio Lower Upper
70 100
42 59.0 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#

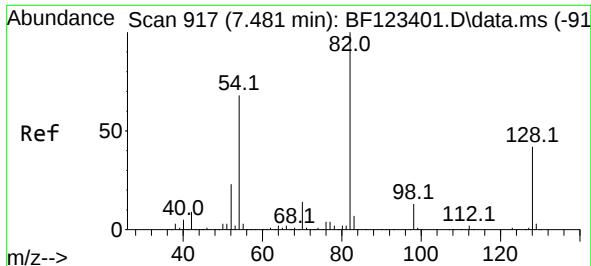


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39



Tgt Ion: 136 Resp: 773264
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 12.4 5.5 8.3#
68 6.4 4.6 6.8

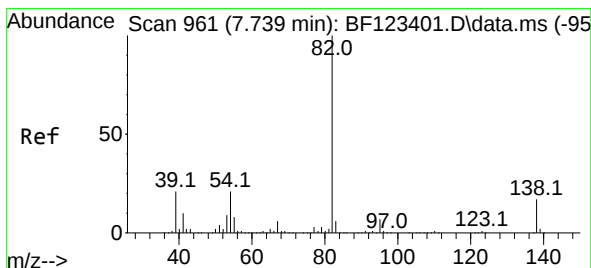
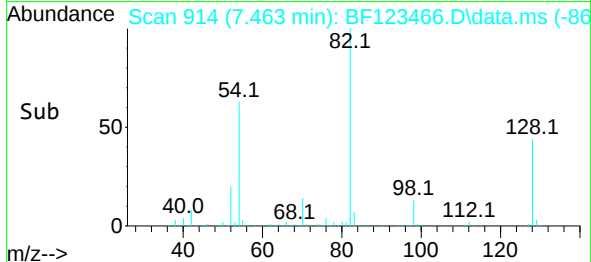
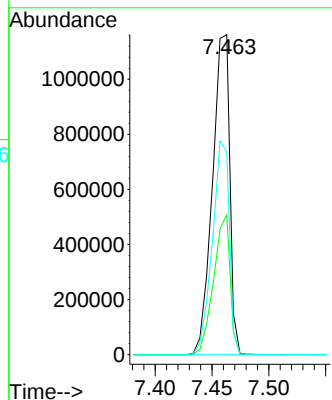
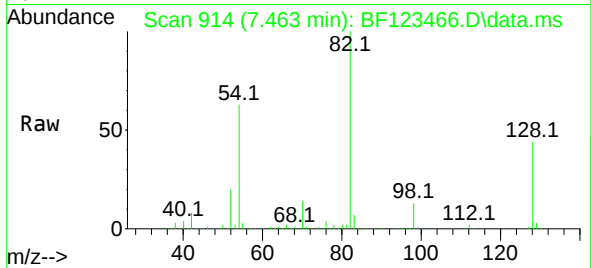




#23
Nitrobenzene-d5
Concen: 85.96 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

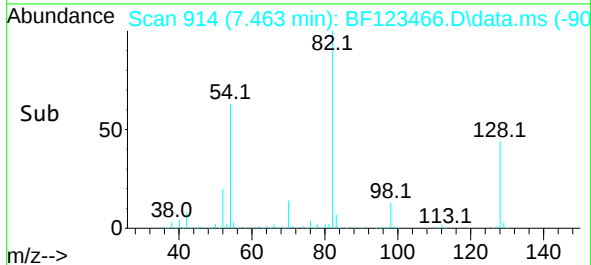
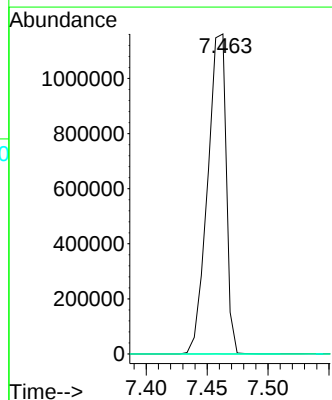
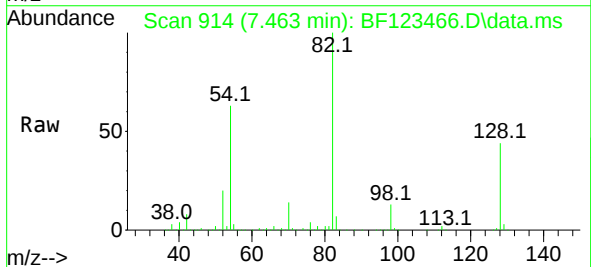
Instrument :
BNA_F
ClientSampled :
SP-1

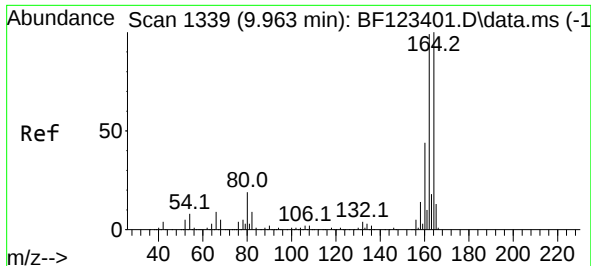
Tgt Ion: 82 Resp: 1231631
Ion Ratio Lower Upper
82 100
128 43.7 37.0 55.4
54 63.4 38.4 57.6#



#25
Isophorone
Concen: 39.98 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion: 82 Resp: 1231598
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

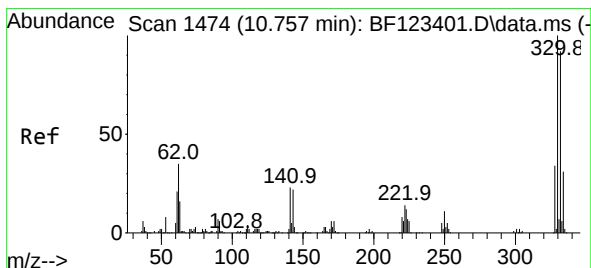
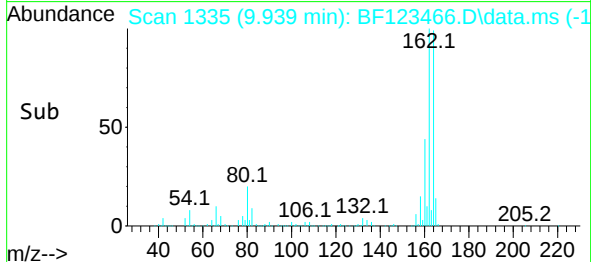
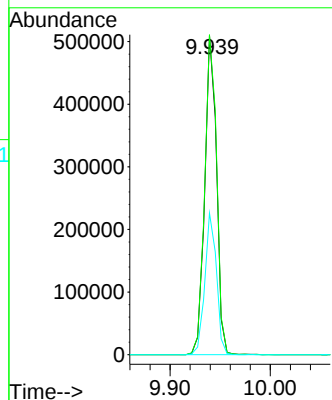
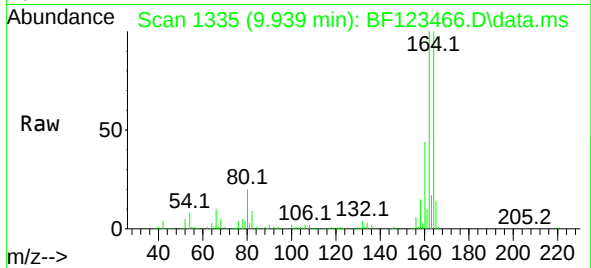




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

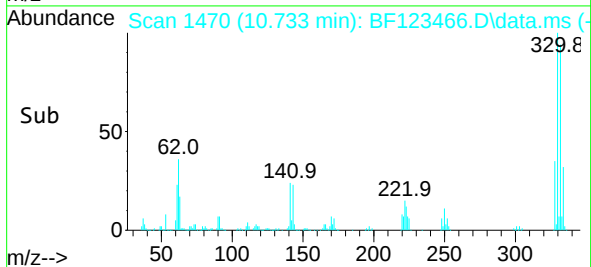
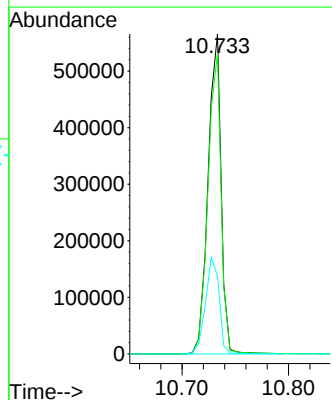
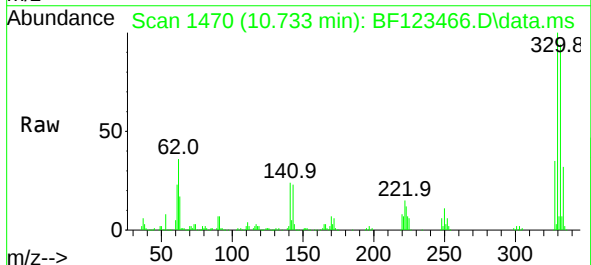
Instrument :
BNA_F
ClientSampleId :
SP-1

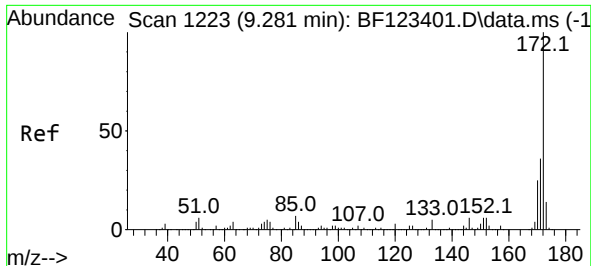
Tgt Ion:164 Resp: 418259
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 103.26 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion:330 Resp: 482833
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 31.8 23.8 35.8

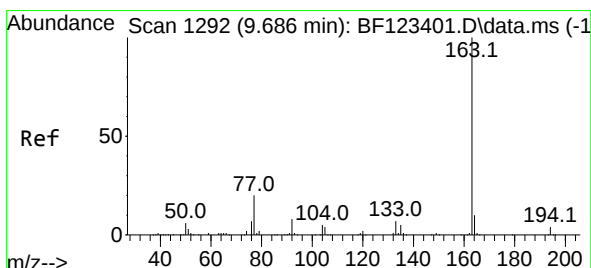
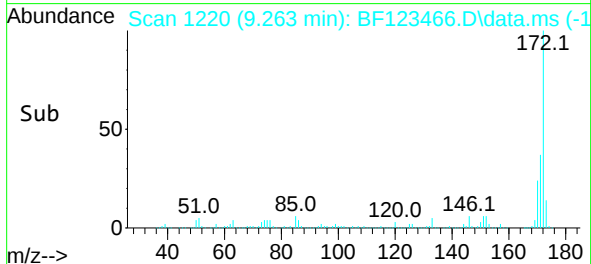
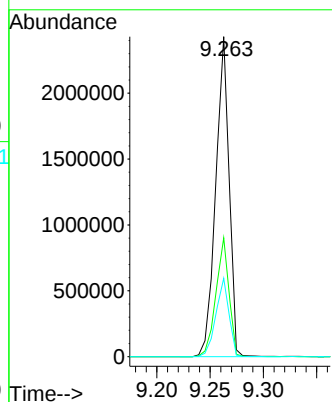
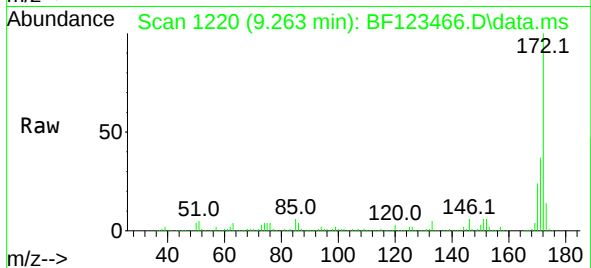




#45
2-Fluorobiphenyl
Concen: 72.26 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

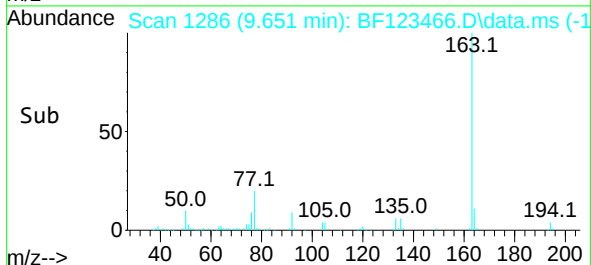
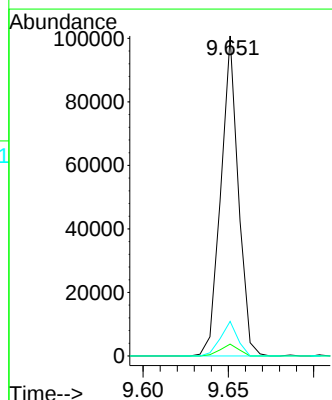
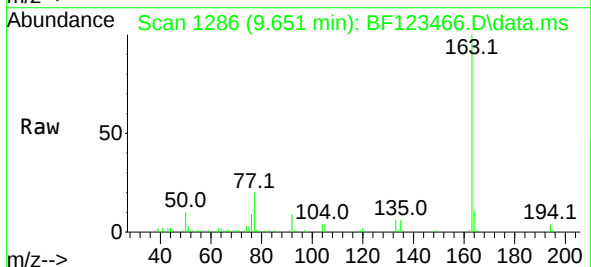
Instrument :
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SP-1

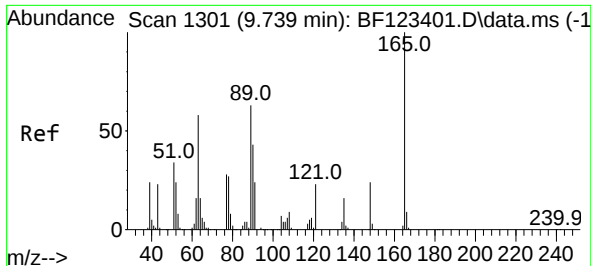
Tgt Ion:172 Resp: 2115430
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.5 19.5 29.3



#50
Dimethylphthalate
Concen: 2.42 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion:163 Resp: 71781
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.8 8.1 12.1

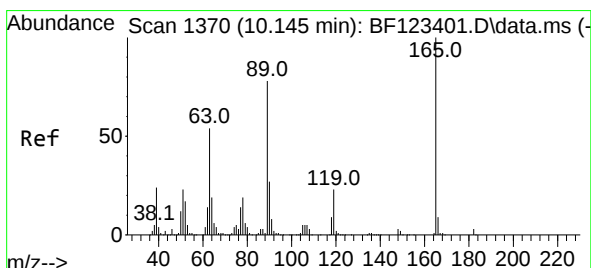
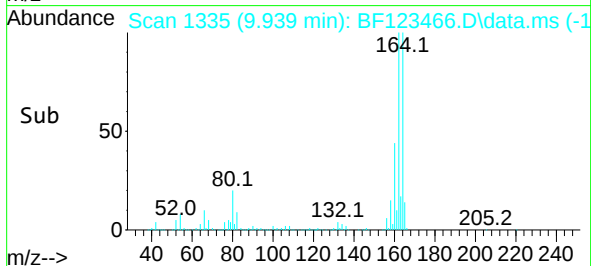
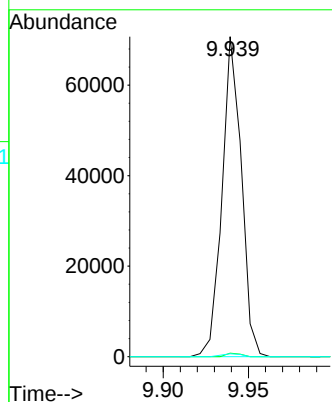
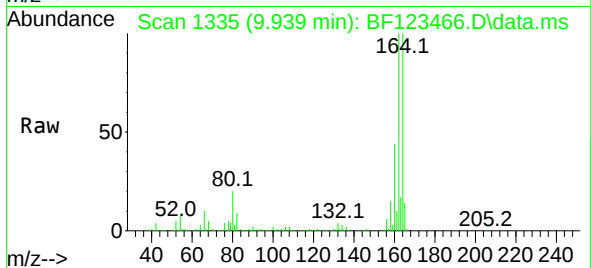




#51
2,6-Dinitrotoluene
Concen: 9.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.217 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

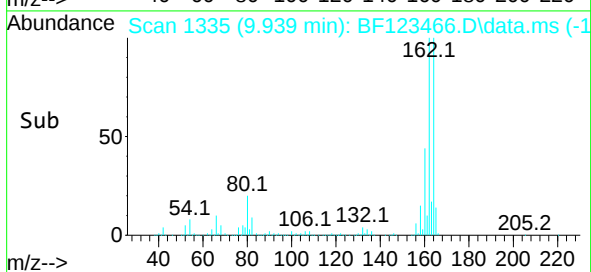
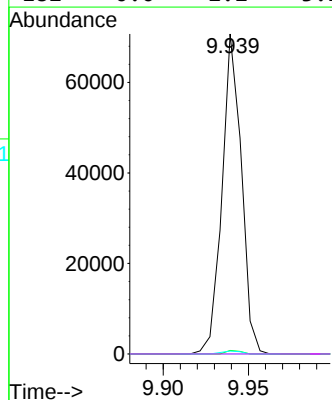
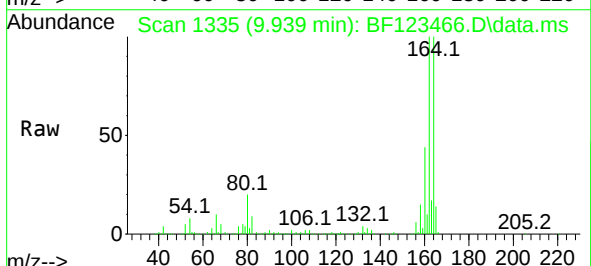
Instrument :
BNA_F
ClientSampleId :
SP-1

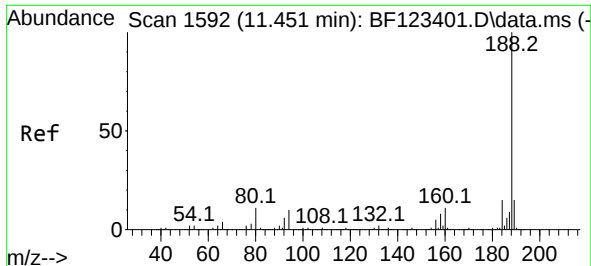
Tgt Ion:165 Resp: 55851
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 0.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.21 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion:165 Resp: 55851
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#

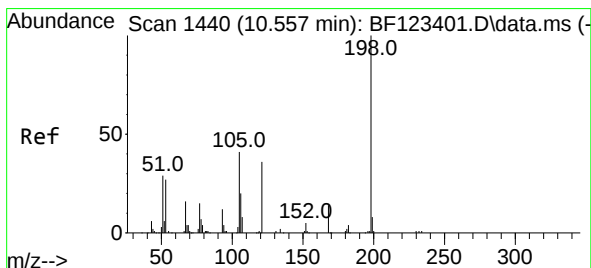
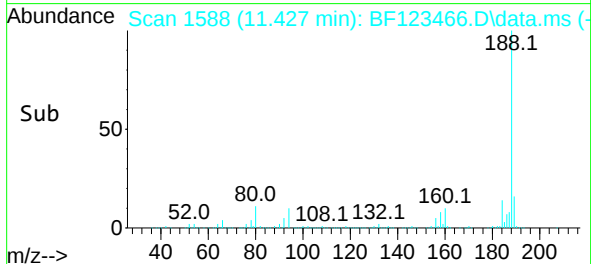
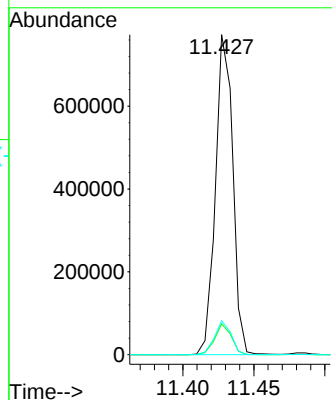
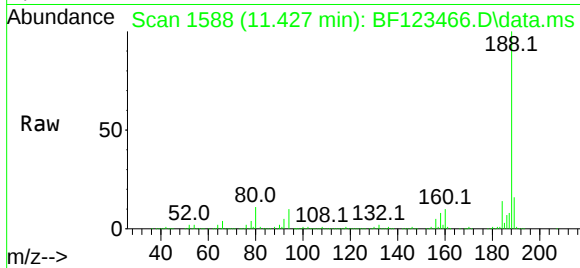




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

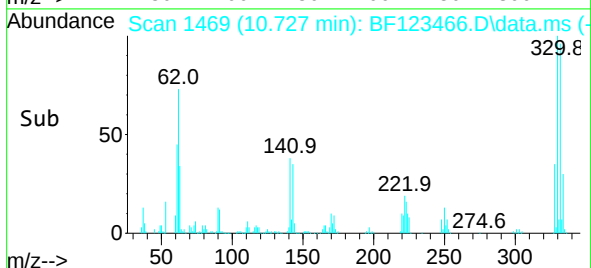
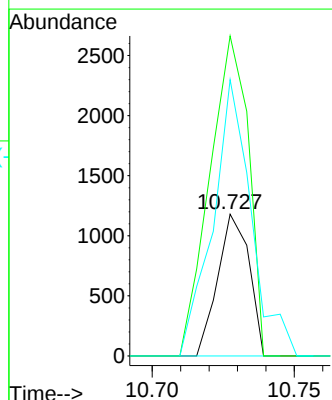
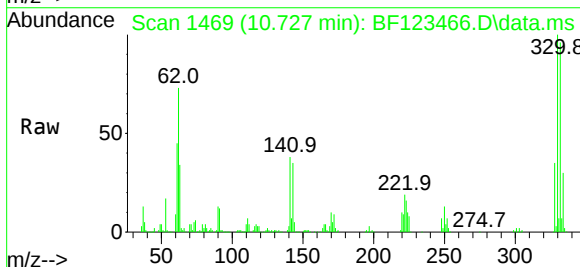
Instrument :
BNA_F
ClientSampleId :
SP-1

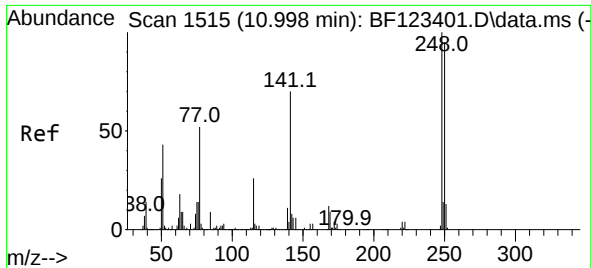
Tgt Ion:188 Resp: 654532
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.35 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion:198 Resp: 905
Ion Ratio Lower Upper
198 100
51 225.7 20.3 60.3#
105 194.8 23.0 63.0#

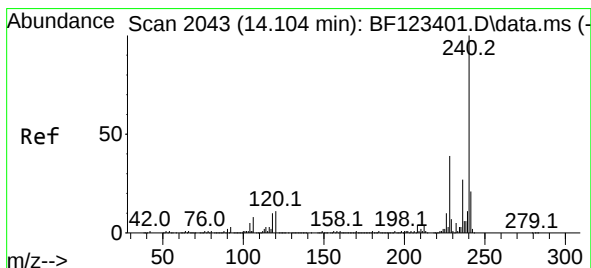
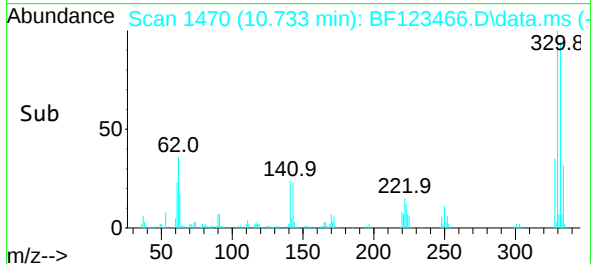
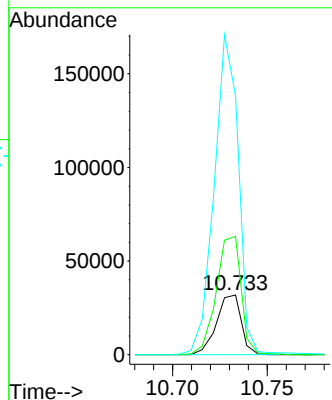
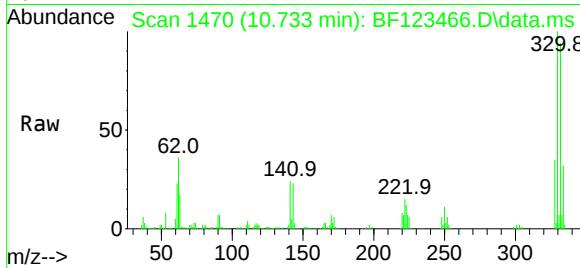




#67
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

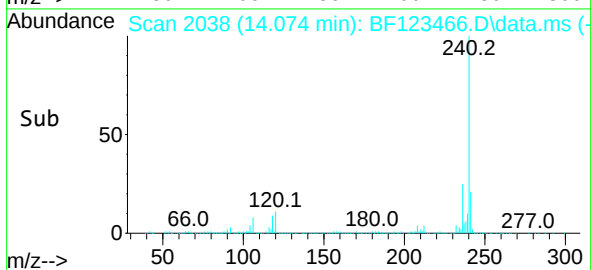
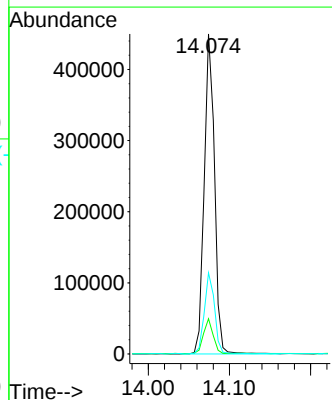
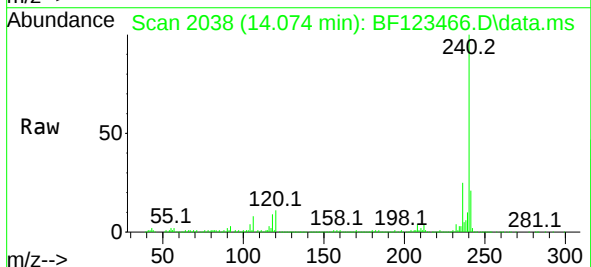
Instrument :
BNA_F
ClientSampled :
SP-1

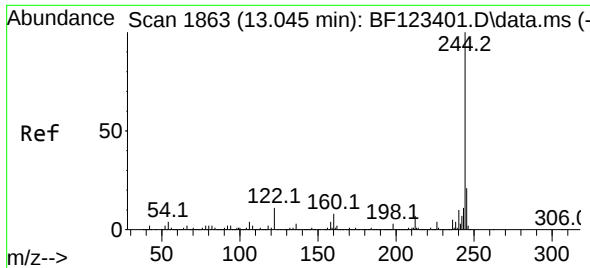
Tgt Ion:248 Resp: 28954
Ion Ratio Lower Upper
248 100
250 198.2 76.8 115.2#
141 433.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion:240 Resp: 396428
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.3 20.3 30.5

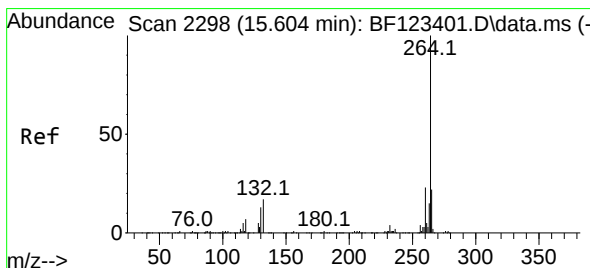
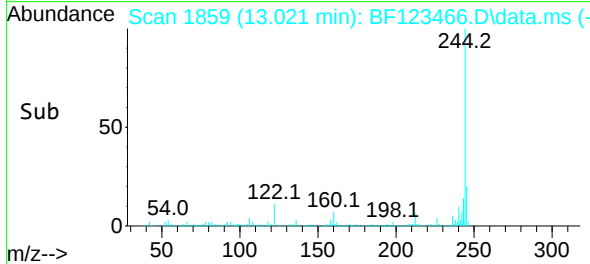
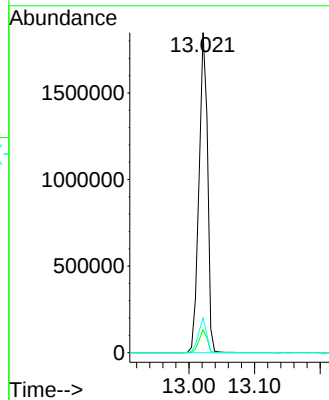
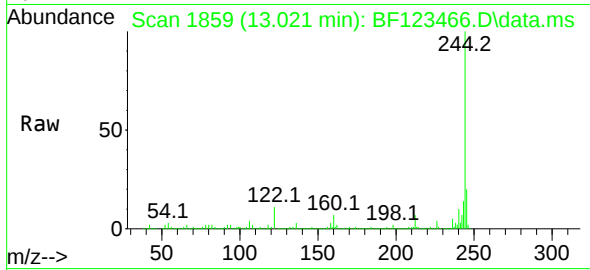




#79
Terphenyl-d14
Concen: 71.96 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF123466.D
Acq: 25 Mar 2021 17:39

Instrument :
BNA_F
ClientSampled :
SP-1

Tgt Ion:244 Resp: 1683141
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.8 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: BF123466.D
Acq: 25 Mar 2021 17:39

Tgt Ion:264 Resp: 418644
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.9 17.0 25.6

