

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123500.D
 Acq On : 29 Mar 2021 17:27
 Operator : JU/CG
 Sample : PB135378TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135378TB

Quant Time: Mar 29 17:55:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

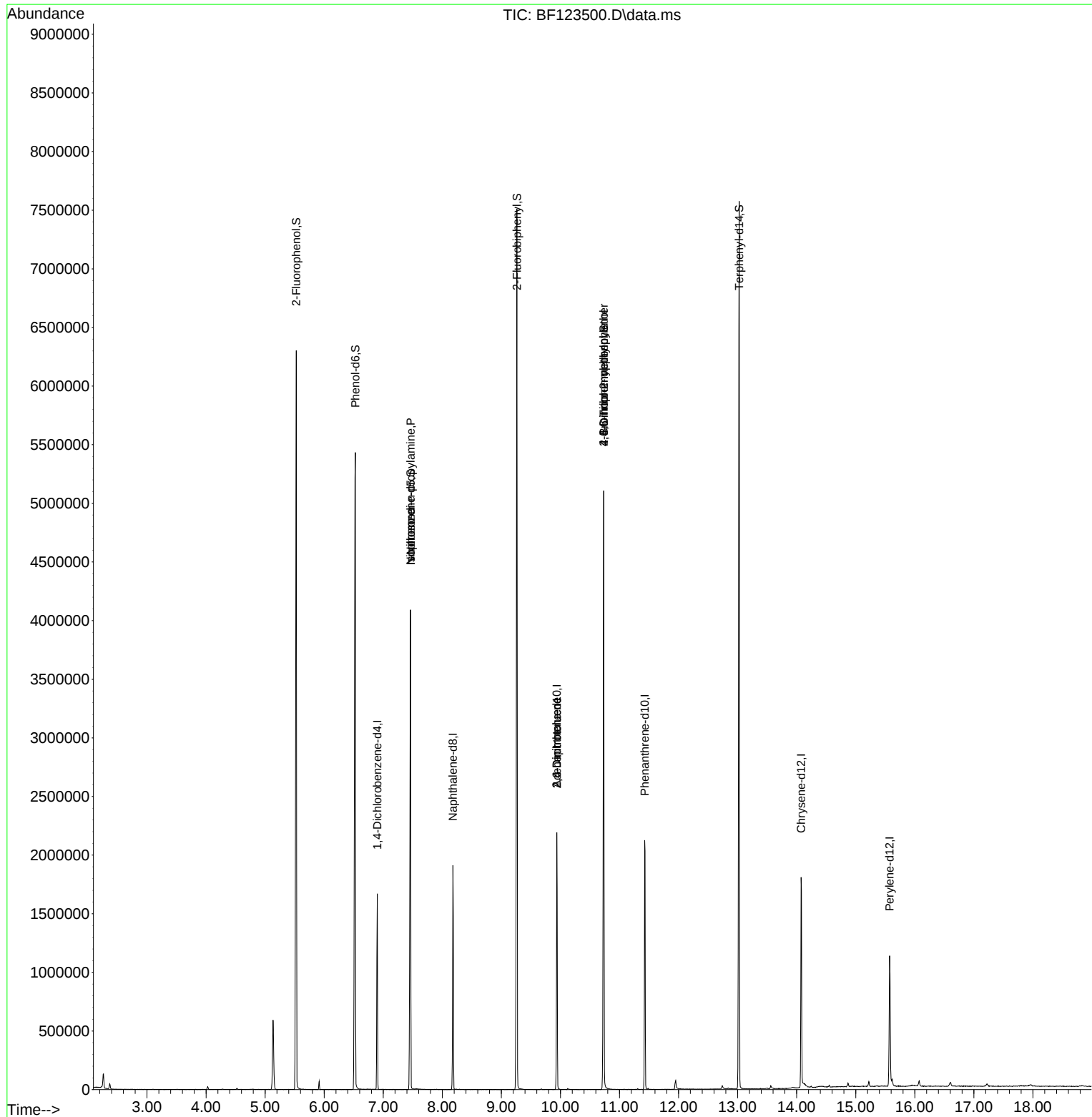
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	213866	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	797983	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	438131	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	804054	20.00	ng	0.00
76) Chrysene-d12	14.074	240	637288	20.00	ng	-0.01
86) Perylene-d12	15.574	264	562260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1592274	121.80	ng	0.01
7) Phenol-d6	6.528	99	2037462	117.08	ng	0.00
23) Nitrobenzene-d5	7.463	82	1384517	93.64	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	632277	129.08	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2365996	77.15	ng	0.00
79) Terphenyl-d14	13.027	244	2658926	70.71	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	3528	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.463	70	190048	16.88	ng	# 82
25) Isophorone	7.463	82	1381790	43.47	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	55469	8.53	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	55469	6.84	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1463	5.43	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	36896	3.87	ng	# 1

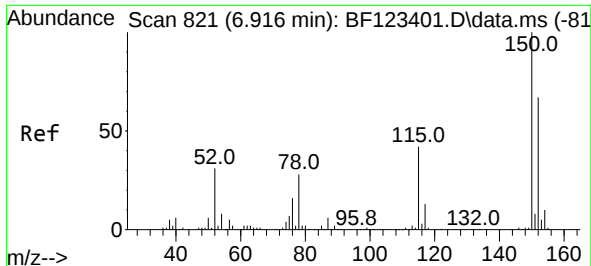
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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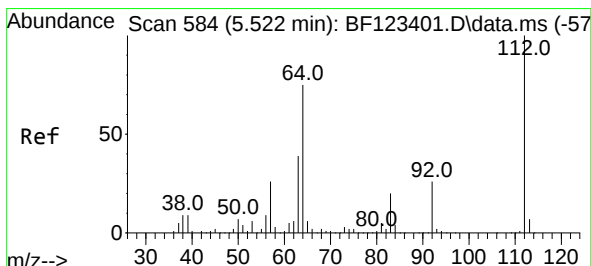
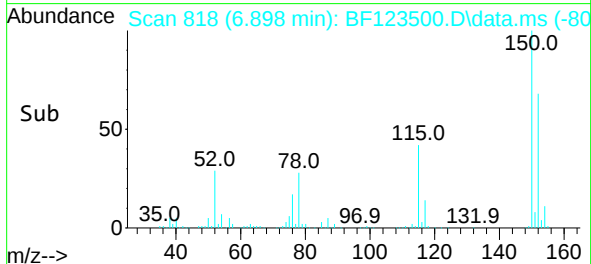
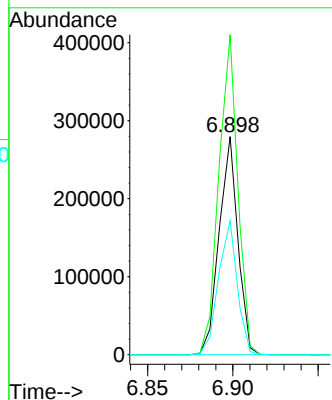
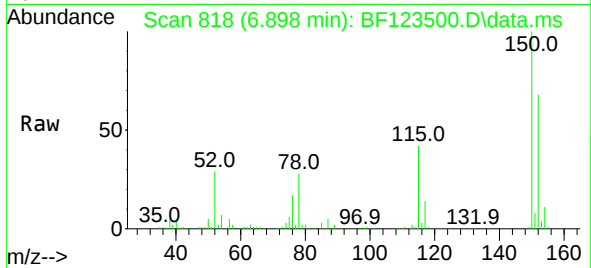




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

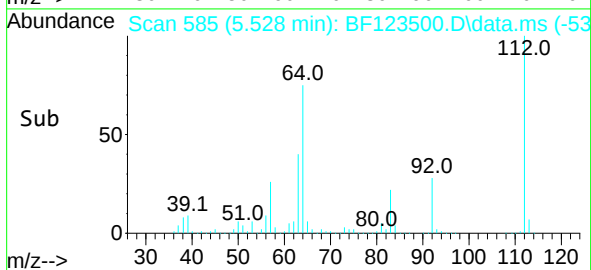
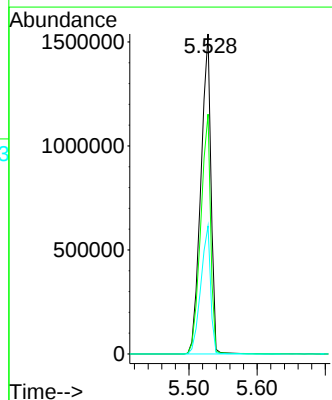
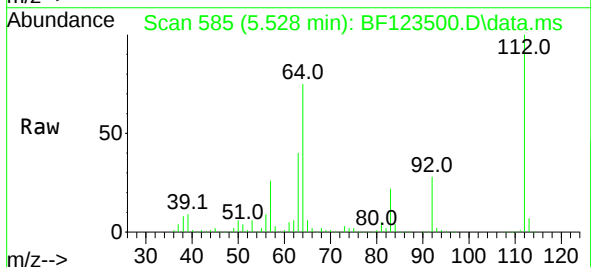
Instrument :
BNA_F
ClientSampleId :
PB135378TB

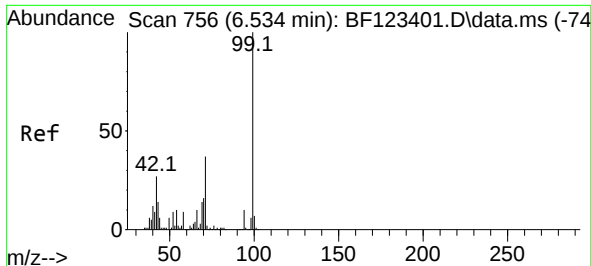
Tgt Ion:152 Resp: 213866
Ion Ratio Lower Upper
152 100
150 146.8 125.8 188.6
115 61.4 49.3 73.9



#5
2-Fluorophenol
Concen: 121.80 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion:112 Resp: 1592274
Ion Ratio Lower Upper
112 100
64 75.0 46.9 70.3#
63 40.0 24.5 36.7#

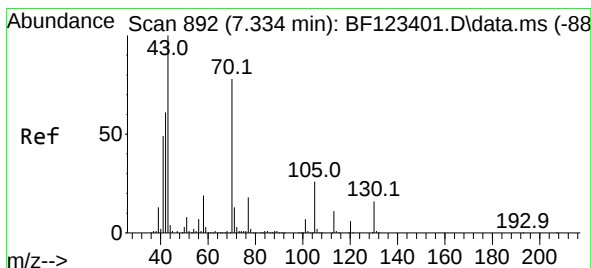
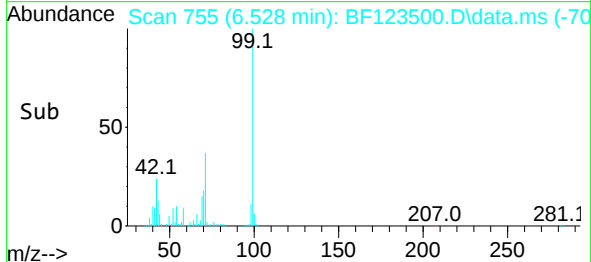
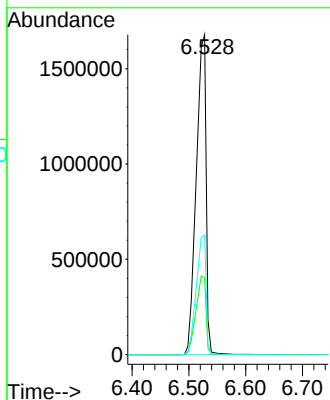
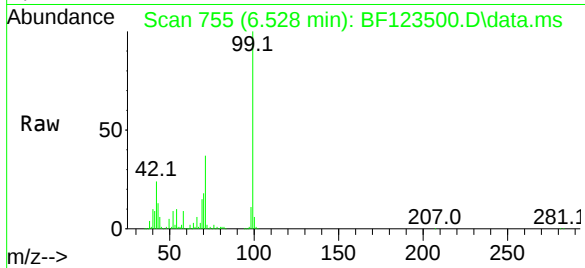




#7
Phenol-d6
Concen: 117.08 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

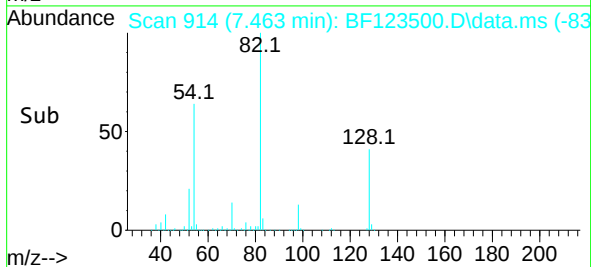
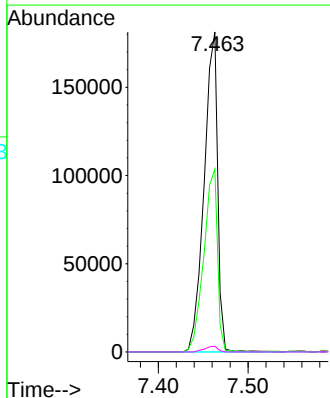
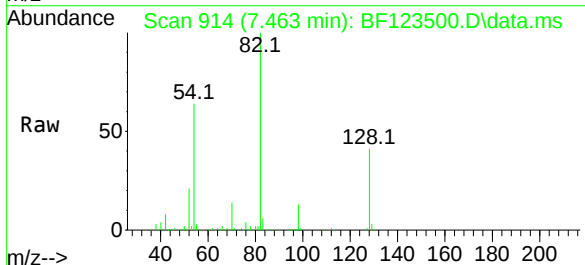
Instrument :
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ClientSampleId :
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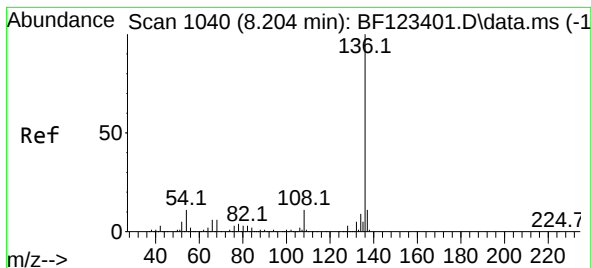
Tgt Ion: 99 Resp: 2037462
Ion Ratio Lower Upper
99 100
42 24.0 13.8 20.6#
71 37.3 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.88 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion: 70 Resp: 190048
Ion Ratio Lower Upper
70 100
42 57.2 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#

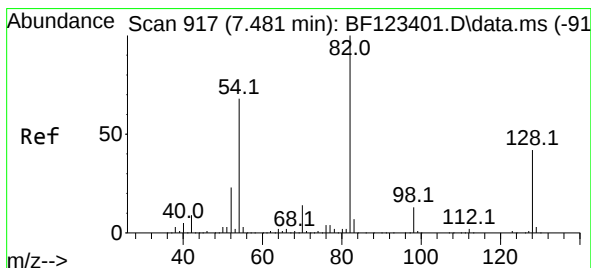
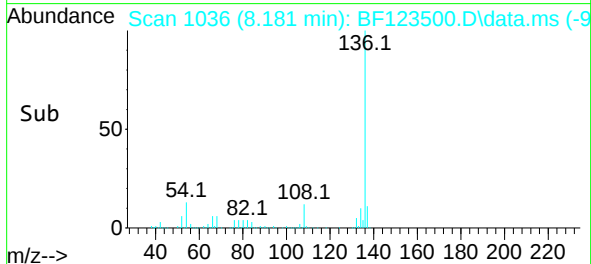
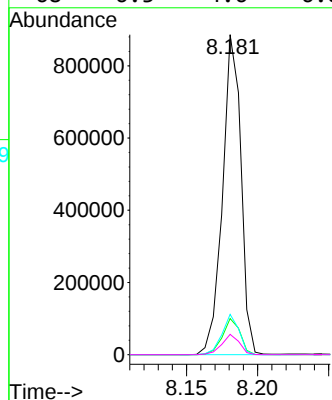
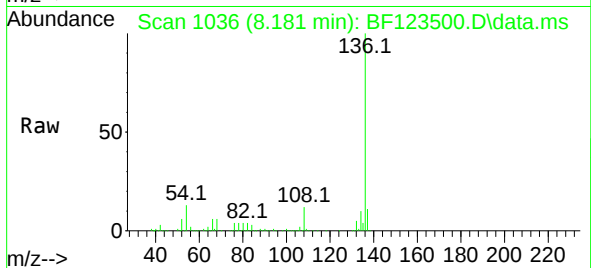




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

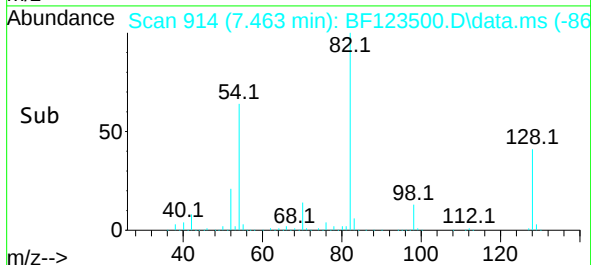
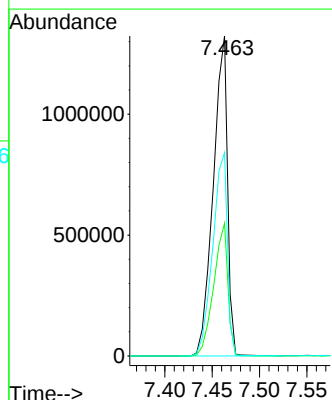
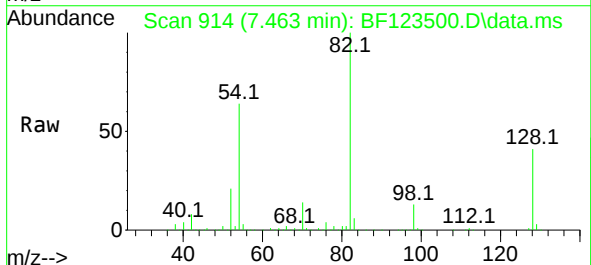
Instrument :
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ClientSampleId :
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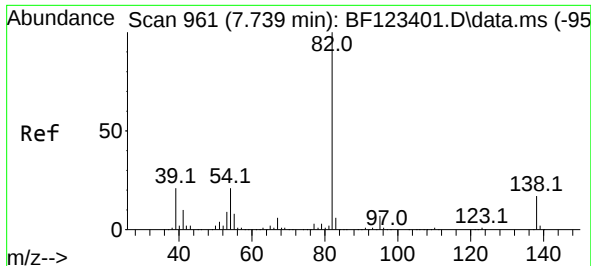
Tgt Ion:136 Resp: 797983
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 12.6 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.64 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion: 82 Resp: 1384517
Ion Ratio Lower Upper
82 100
128 41.5 37.0 55.4
54 63.5 38.4 57.6#

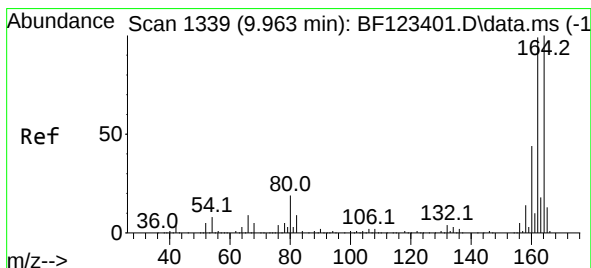
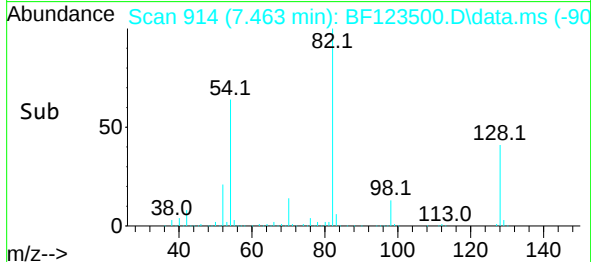
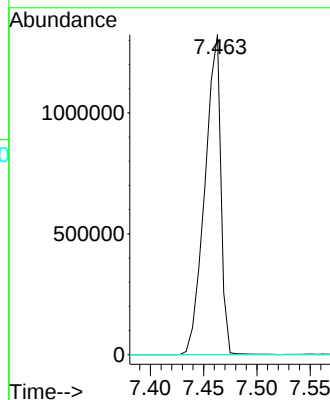
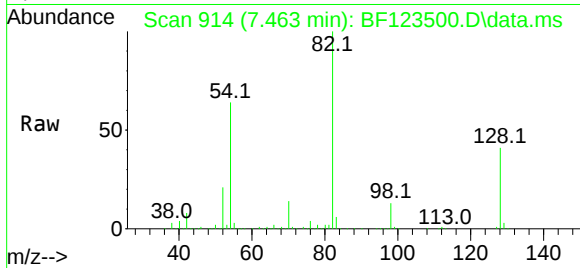




#25
Isophorone
Concen: 43.47 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

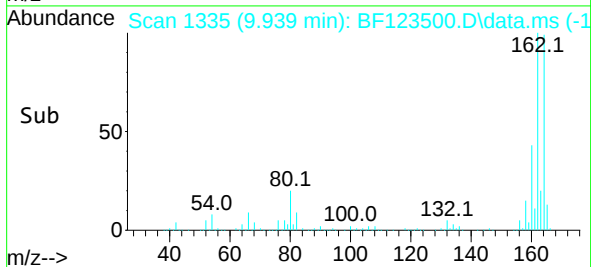
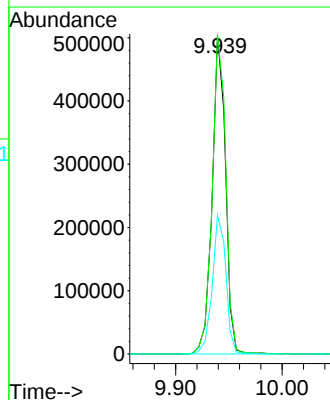
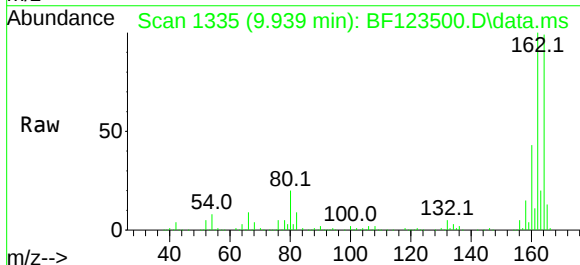
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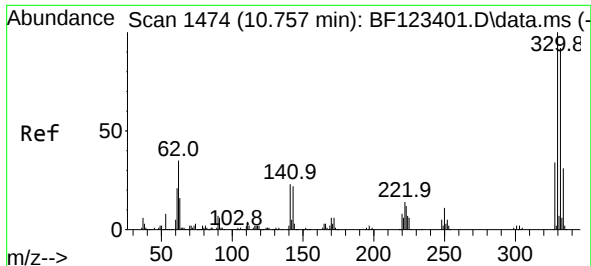
Tgt Ion: 82 Resp: 1381790
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion:164 Resp: 438131
Ion Ratio Lower Upper
164 100
162 100.6 80.8 121.2
160 43.5 35.4 53.0

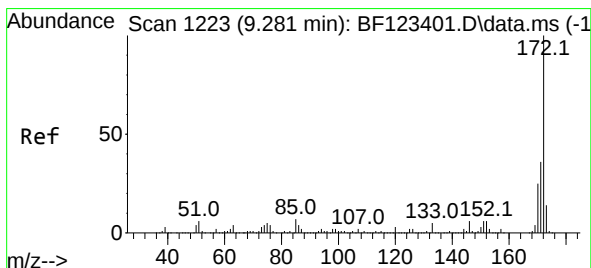
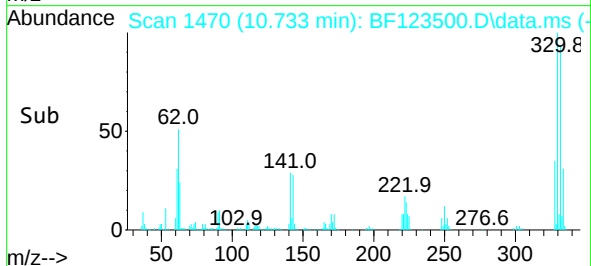
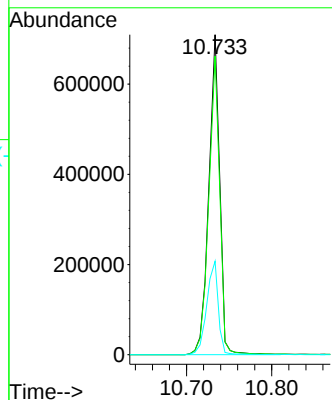
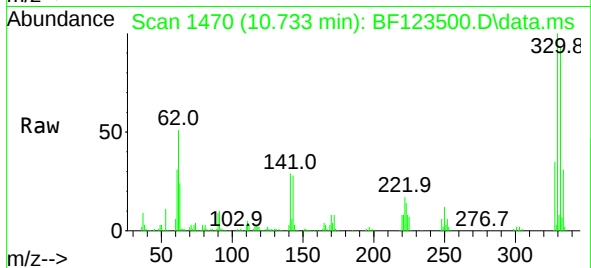




#42
2,4,6-Tribromophenol
Concen: 129.08 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.006 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

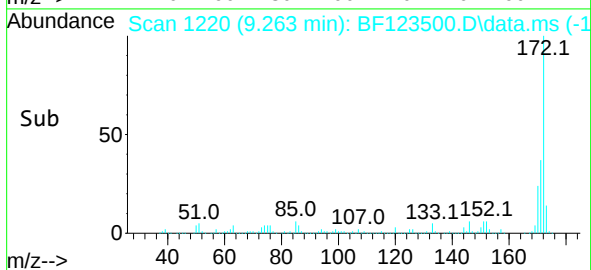
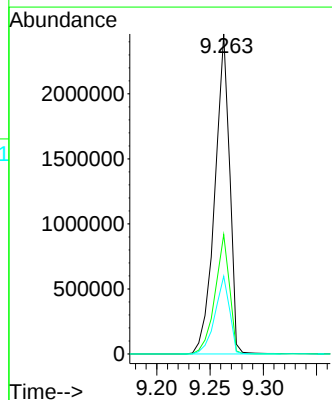
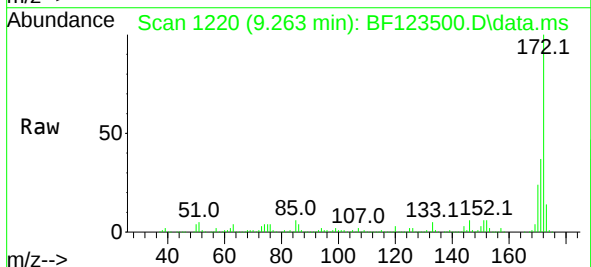
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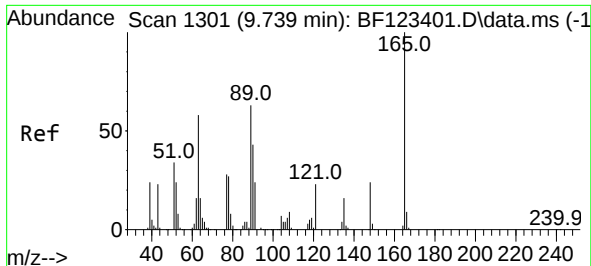
Tgt Ion: 330 Resp: 632277
Ion Ratio Lower Upper
330 100
332 94.1 77.5 116.3
141 31.0 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 77.15 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion: 172 Resp: 2365996
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.3 19.5 29.3

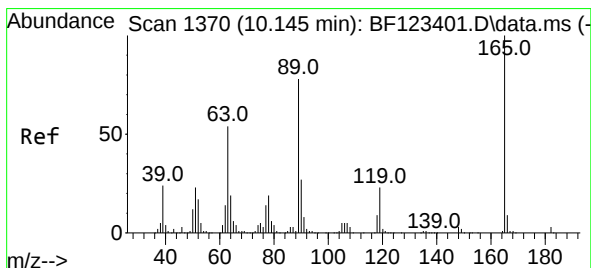
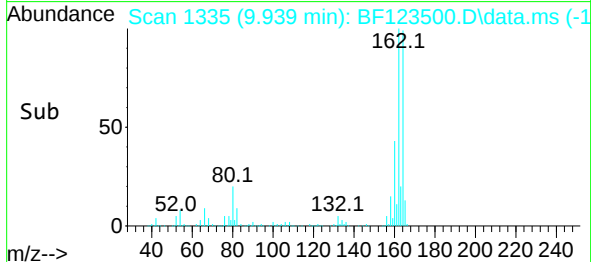
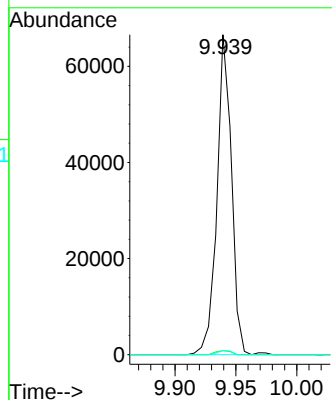
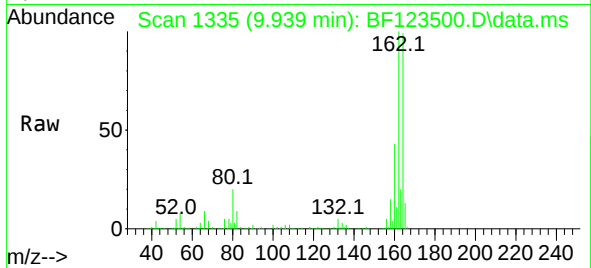




#51
2,6-Dinitrotoluene
Concen: 8.53 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

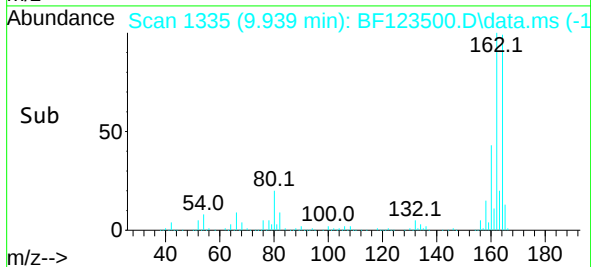
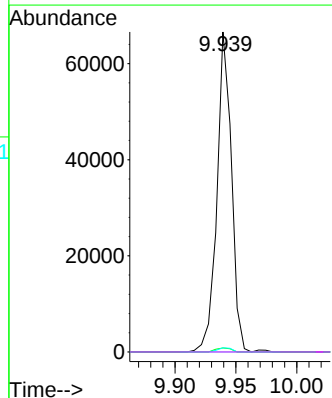
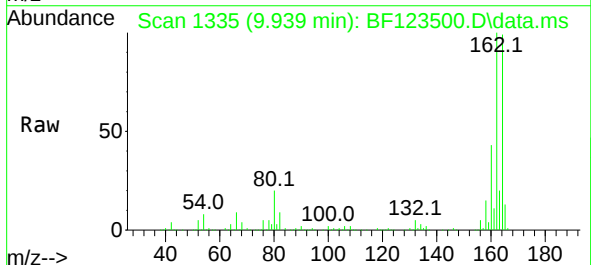
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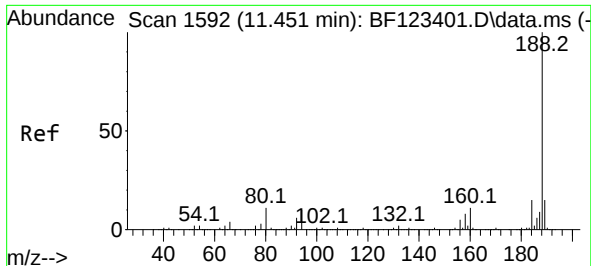
Tgt Ion:165 Resp: 55469
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion:165 Resp: 55469
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

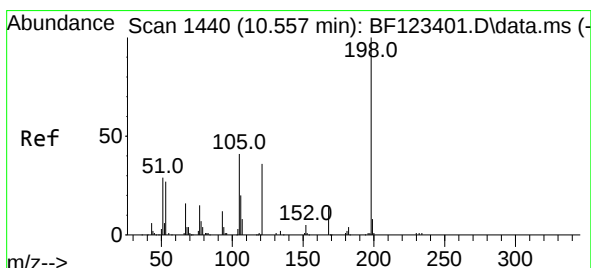
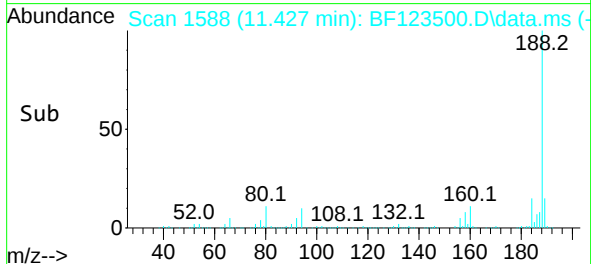
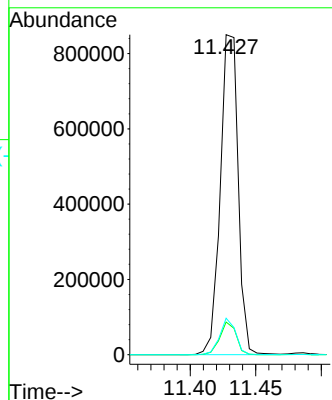
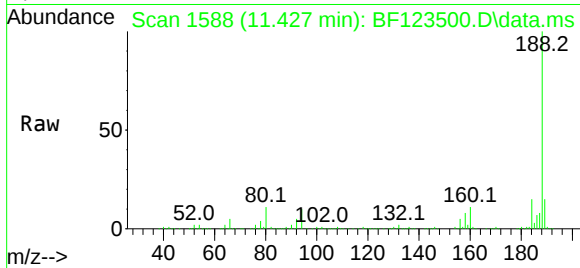




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

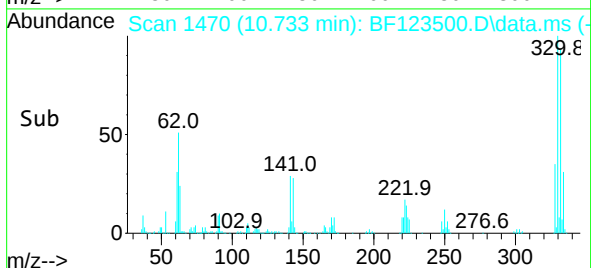
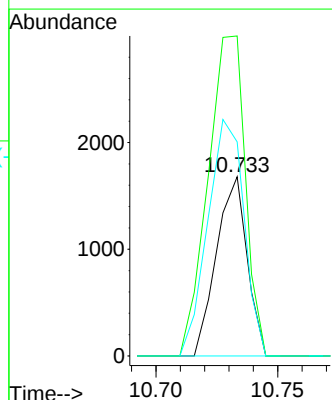
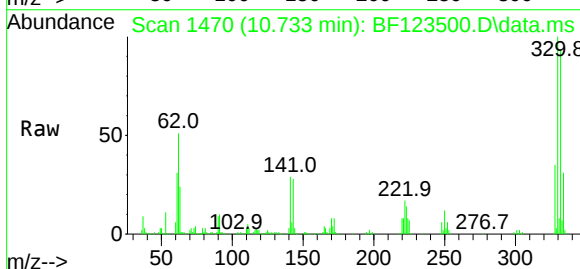
Instrument :
BNA_F
ClientSampleId :
PB135378TB

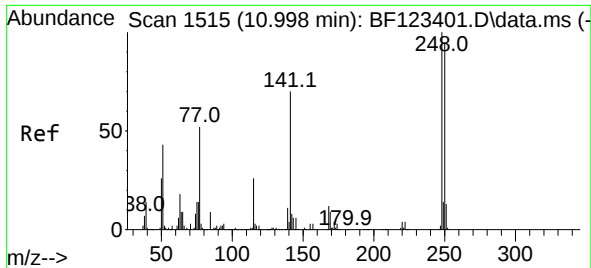
Tgt Ion:188 Resp: 804054
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.4 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.43 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion:198 Resp: 1463
Ion Ratio Lower Upper
198 100
51 178.6 20.3 60.3#
105 119.5 23.0 63.0#

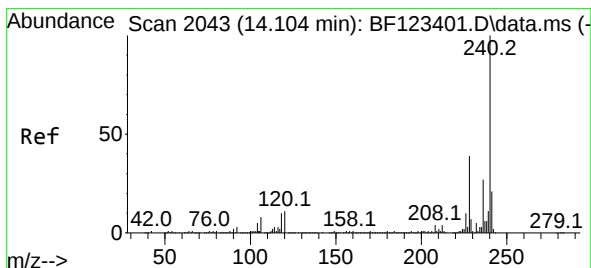
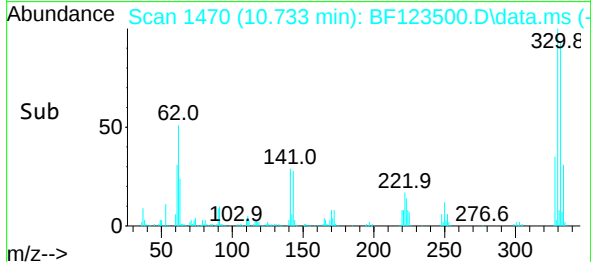
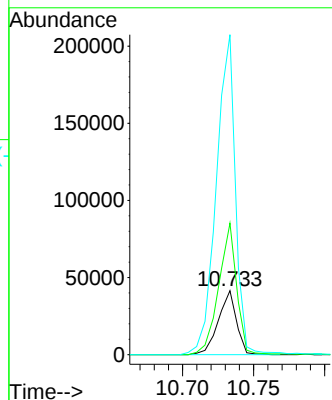
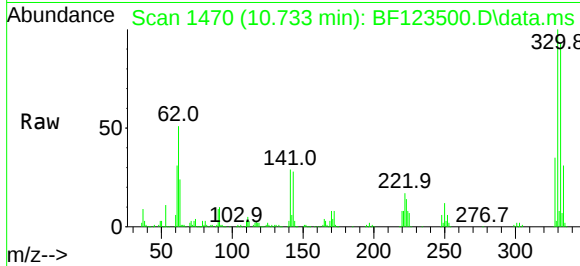




#67
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

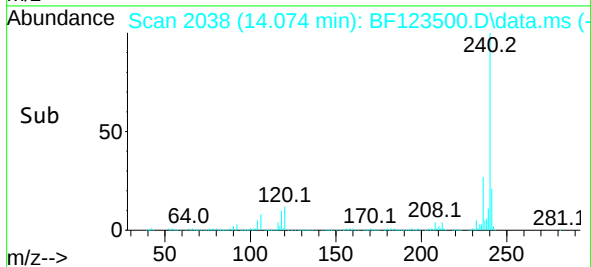
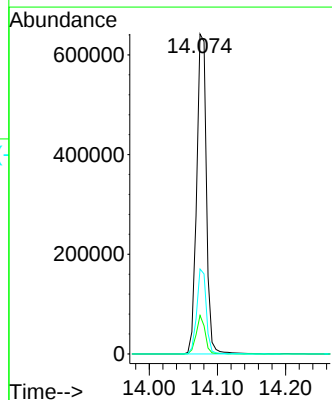
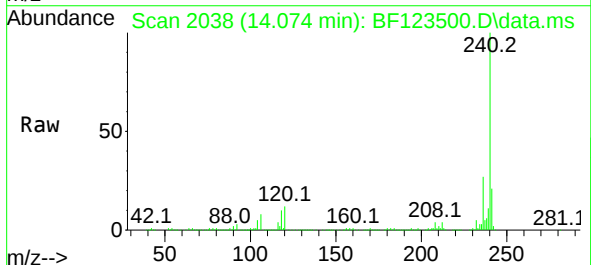
Instrument :
BNA_F
ClientSampleId :
PB135378TB

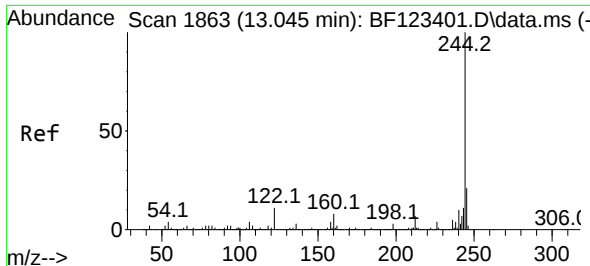
Tgt Ion:248 Resp: 36896
Ion Ratio Lower Upper
248 100
250 205.7 76.8 115.2#
141 500.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123500.D
Acq: 29 Mar 2021 17:27

Tgt Ion:240 Resp: 637288
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.6 20.3 30.5

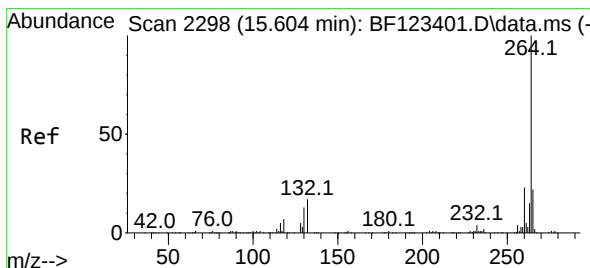
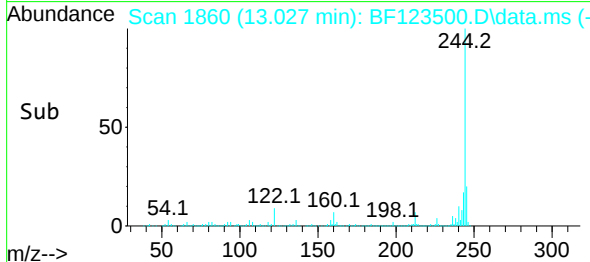
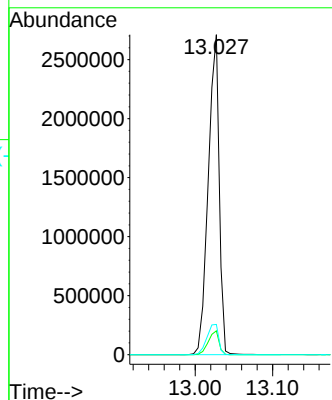
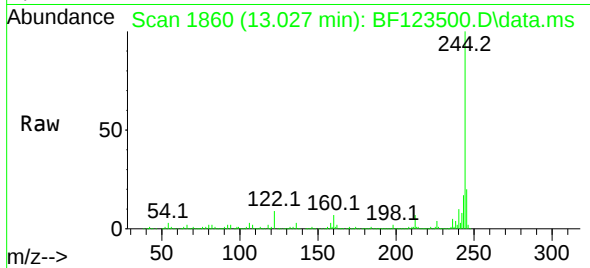




#79
 Terphenyl-d14
 Concen: 70.71 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF123500.D
 Acq: 29 Mar 2021 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB135378TB

Tgt Ion:244 Resp: 2658926
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.5 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: BF123500.D
 Acq: 29 Mar 2021 17:27

Tgt Ion:264 Resp: 562260
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.6 28.0
 265 20.9 17.0 25.6

