

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123510.D
 Acq On : 29 Mar 2021 23:00
 Operator : JU/CG
 Sample : M1796-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2021-WS-000-06

Quant Time: Mar 30 00:35:12 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)

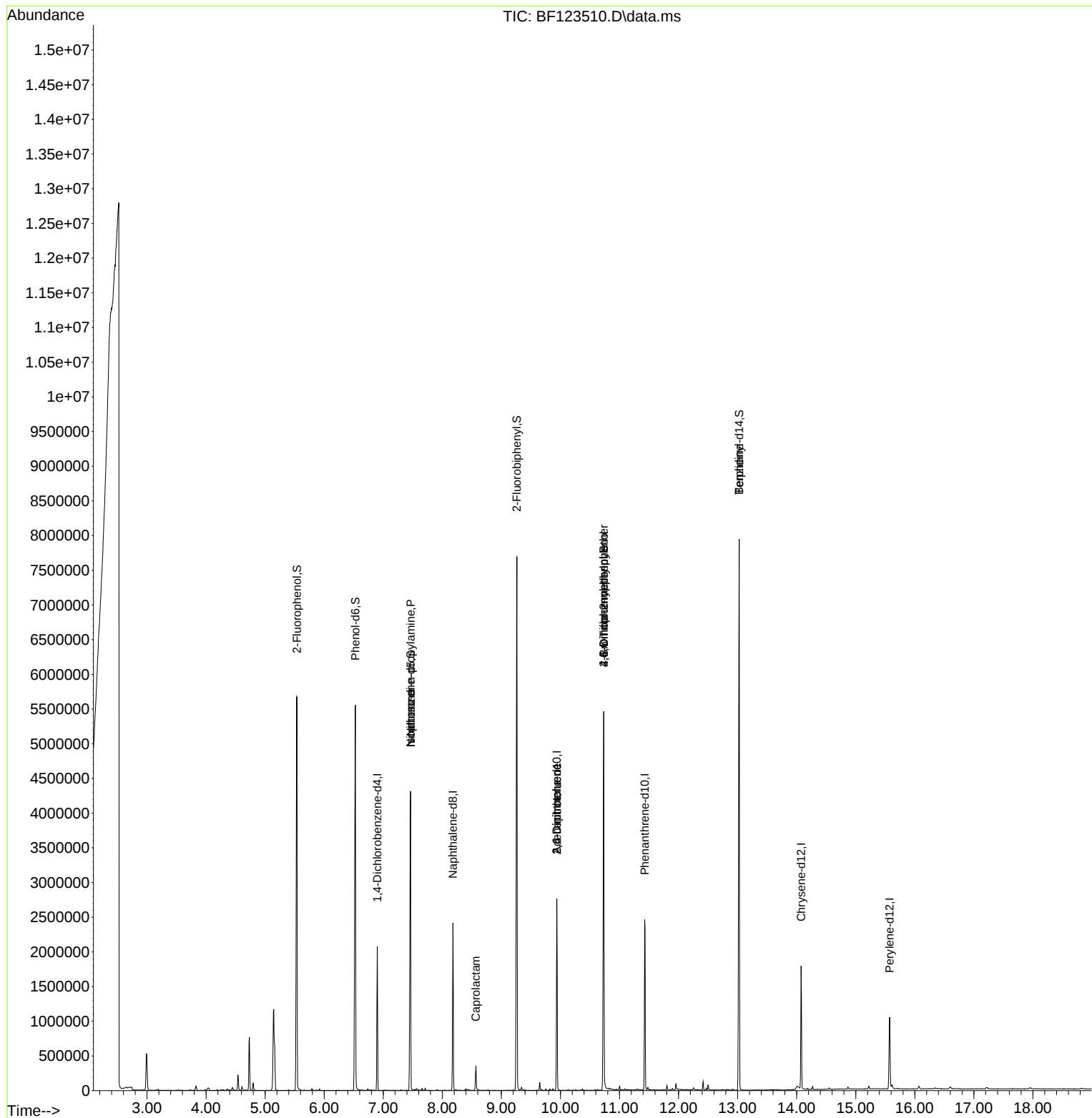
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	264636	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	969824	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	539261	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	943715	20.00	ng	0.00
76) Chrysene-d12	14.074	240	585746	20.00	ng	-0.01
86) Perylene-d12	15.574	264	503340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1607499	99.37	ng	0.02
7) Phenol-d6	6.528	99	1897070	88.10	ng	0.00
23) Nitrobenzene-d5	7.463	82	1457854	81.13	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	700720	116.23	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2551874	67.60	ng	0.00
79) Terphenyl-d14	13.027	244	2714597	78.54	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	732	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.463	70	200792	14.42	ng	# 82
25) Isophorone	7.463	82	1457823	37.73	ng	# 65
35) Caprolactam	8.569	113	32627	7.00	ng	# 46
51) 2,6-Dinitrotoluene	9.939	165	69265	8.66	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	69265	6.94	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1510	5.39	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	41592	3.72	ng	# 1
77) Benzidine	13.027	184	36433	2.09	ng	96

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

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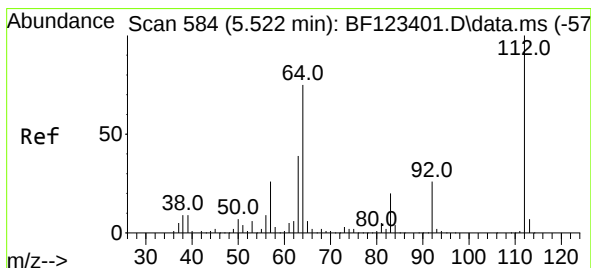
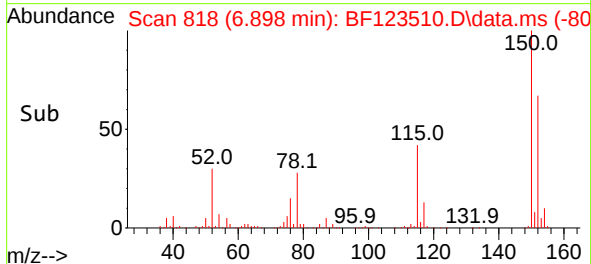
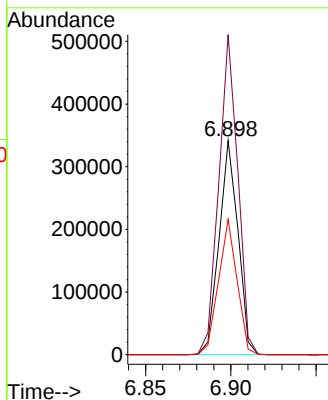
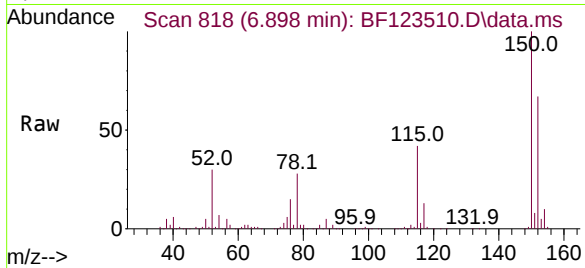




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

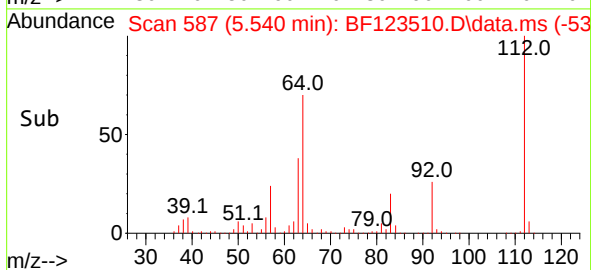
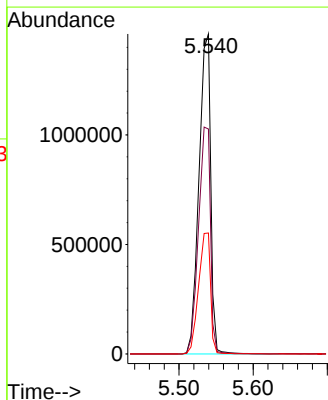
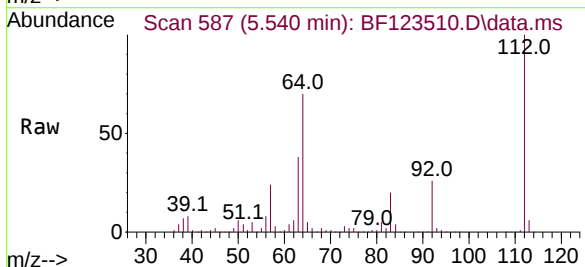
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

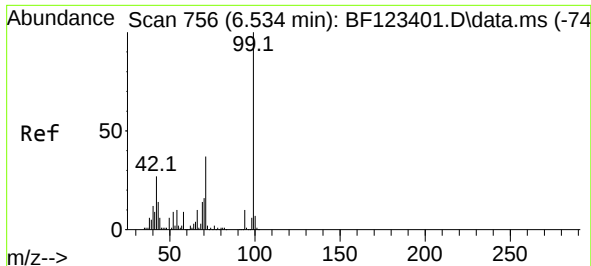
Tgt Ion:152 Resp: 264636
Ion Ratio Lower Upper
152 100
150 149.5 125.8 188.6
115 63.2 49.3 73.9



#5
2-Fluorophenol
Concen: 99.37 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.024 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:112 Resp: 1607499
Ion Ratio Lower Upper
112 100
64 70.3 46.9 70.3
63 37.8 24.5 36.7#

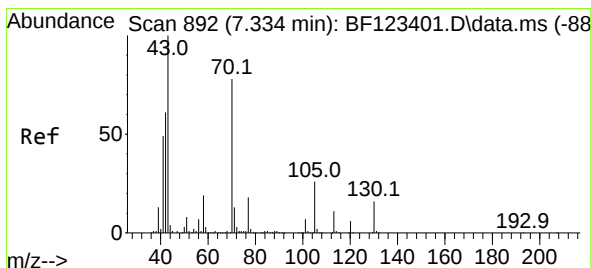
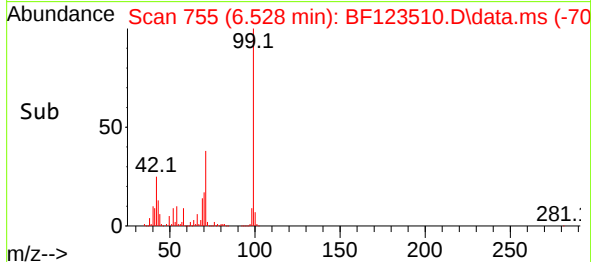
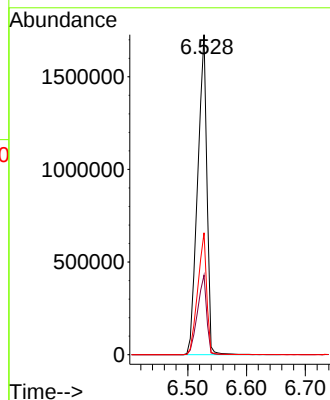
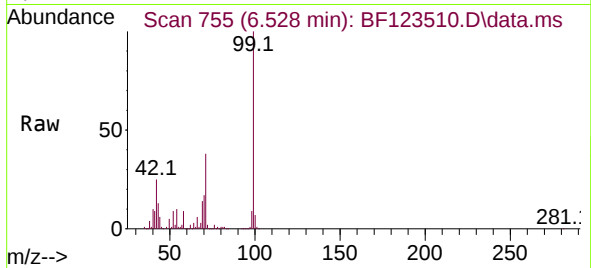




#7
Phenol-d6
Concen: 88.10 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

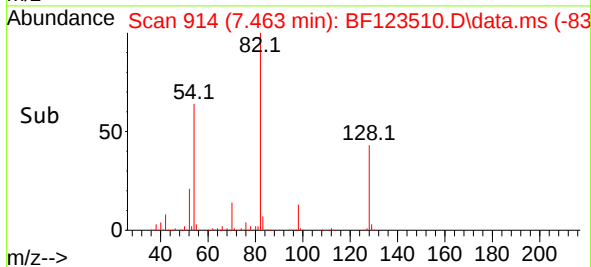
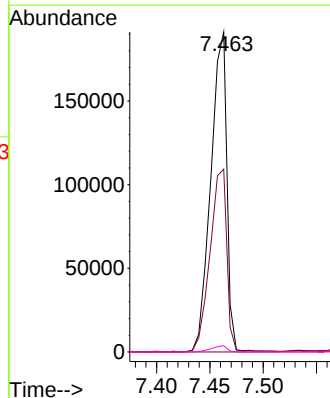
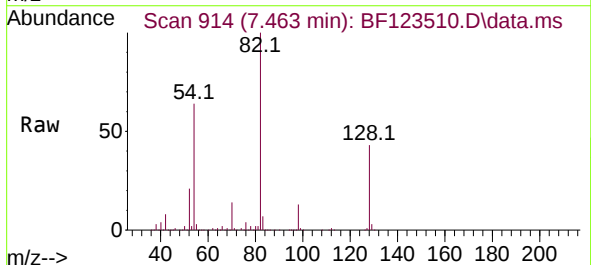
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

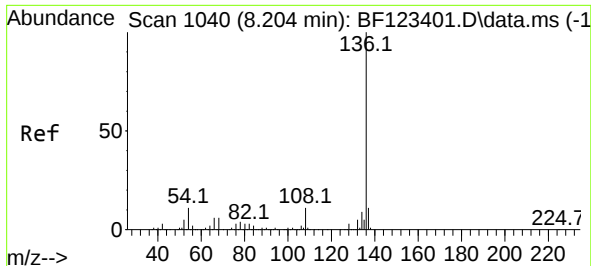
Tgt Ion: 99 Resp: 1897070
Ion Ratio Lower Upper
99 100
42 24.9 13.8 20.6#
71 38.1 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.42 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

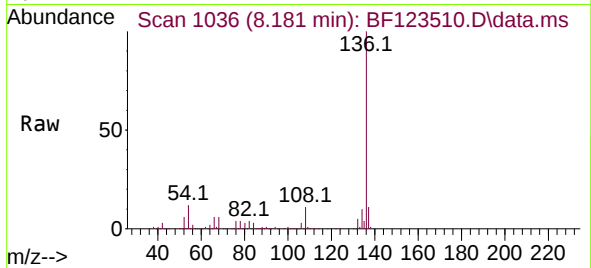
Tgt Ion: 70 Resp: 200792
Ion Ratio Lower Upper
70 100
42 57.2 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



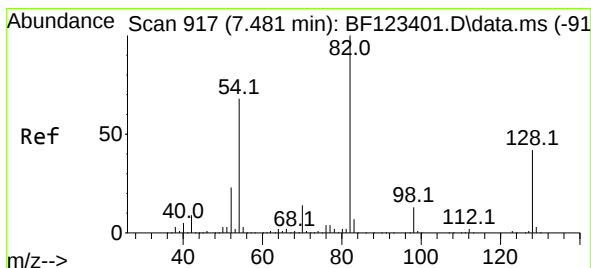
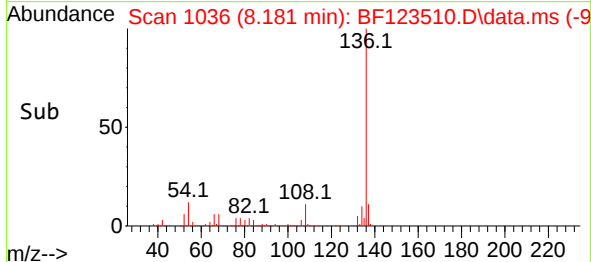
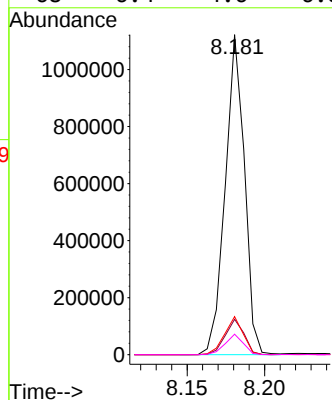


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

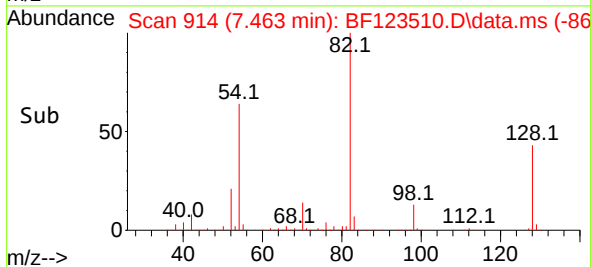
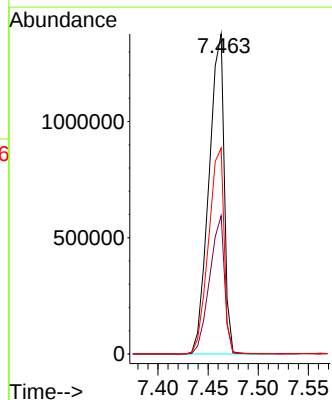
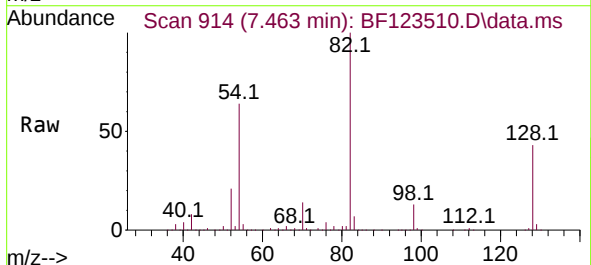


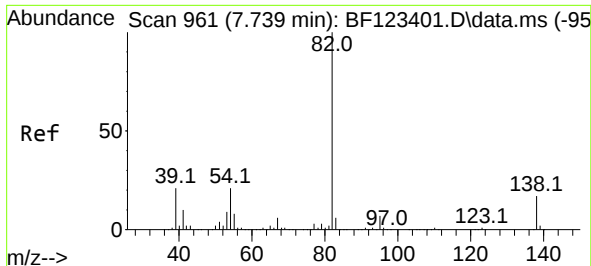
Tgt Ion:136 Resp: 969824
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.9 5.5 8.3#
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 81.13 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion: 82 Resp: 1457854
Ion Ratio Lower Upper
82 100
128 43.2 37.0 55.4
54 64.3 38.4 57.6#

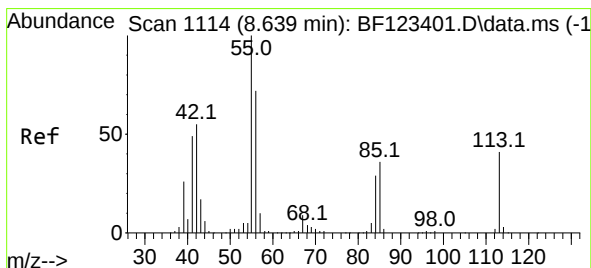
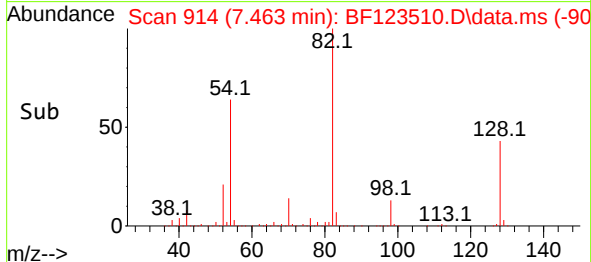
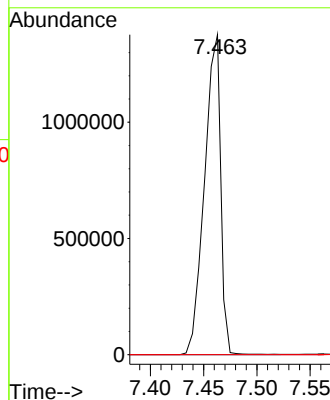
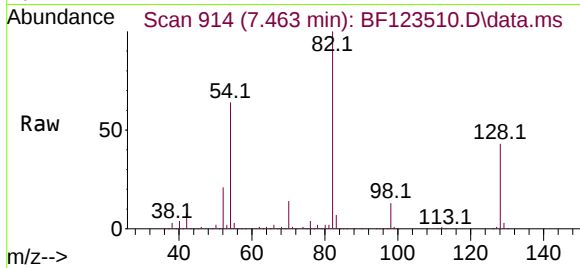




#25
Isophorone
Concen: 37.73 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

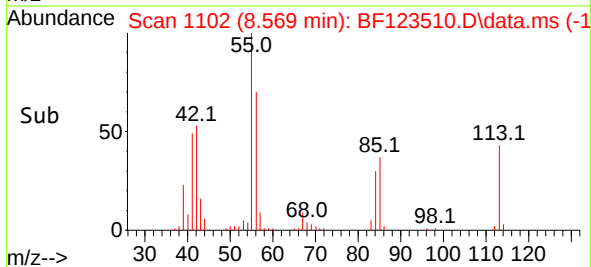
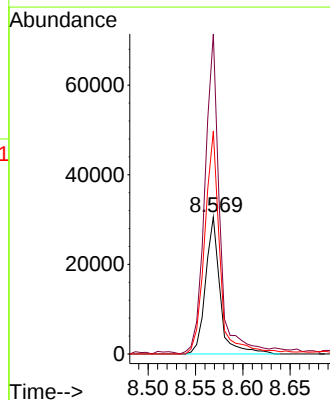
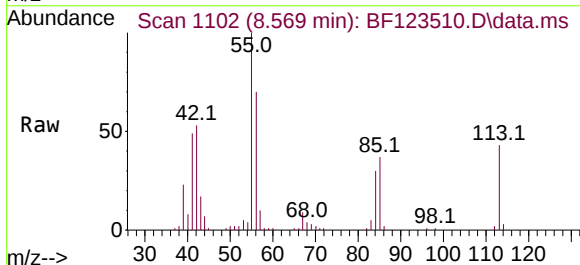
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BNA_F
ClientSampleId :
PB-2021-WS-000-06

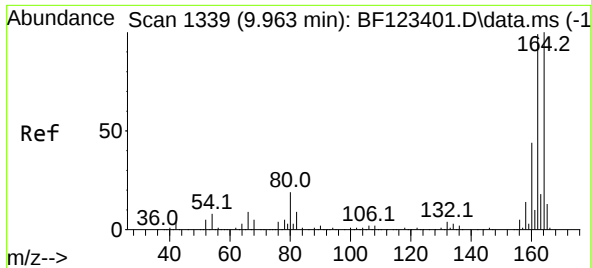
Tgt Ion: 82 Resp: 1457823
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#35
Caprolactam
Concen: 7.00 ng
RT: 8.569 min Scan# 1102
Delta R.T. -0.053 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion: 113 Resp: 32627
Ion Ratio Lower Upper
113 100
55 233.6 133.7 173.7#
56 162.6 95.3 135.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF123510.D

Acq: 29 Mar 2021 23:00

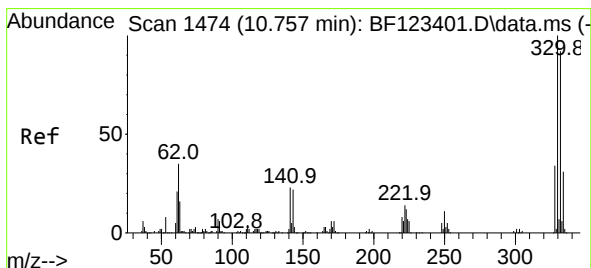
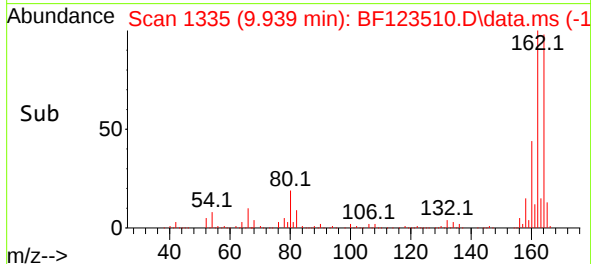
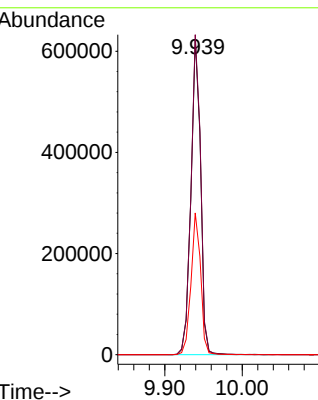
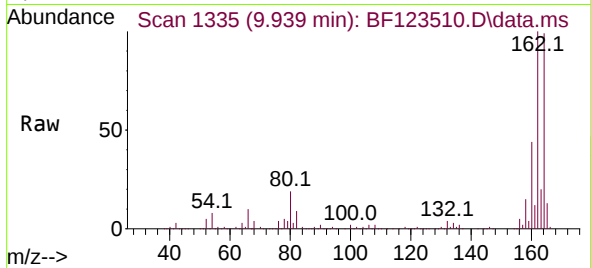
Tgt Ion:164 Resp: 539261

Ion Ratio Lower Upper

164 100

162 101.4 80.8 121.2

160 44.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 116.23 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BF123510.D

Acq: 29 Mar 2021 23:00

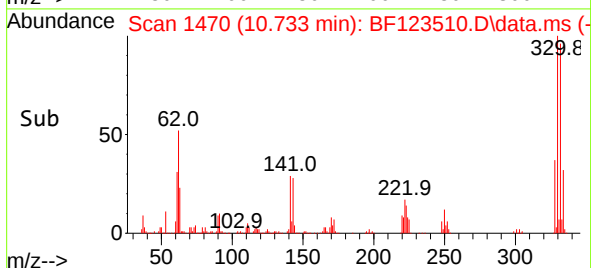
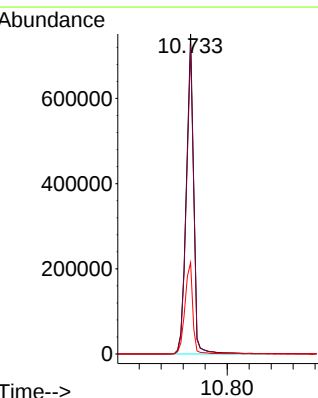
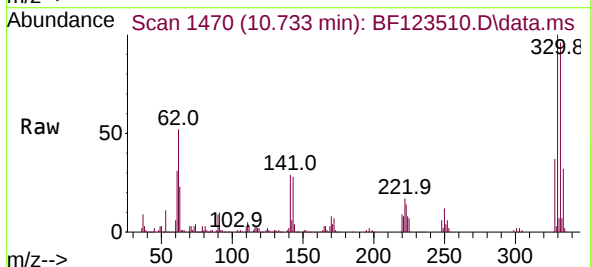
Tgt Ion:330 Resp: 700720

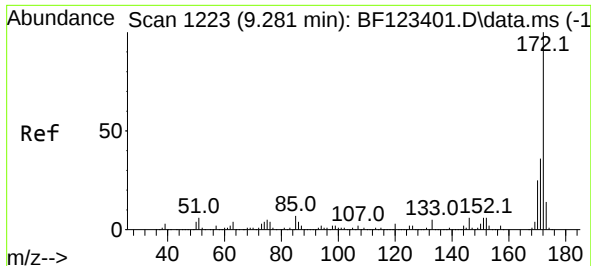
Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 30.4 23.8 35.8

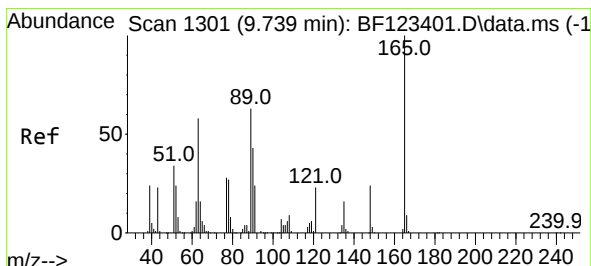
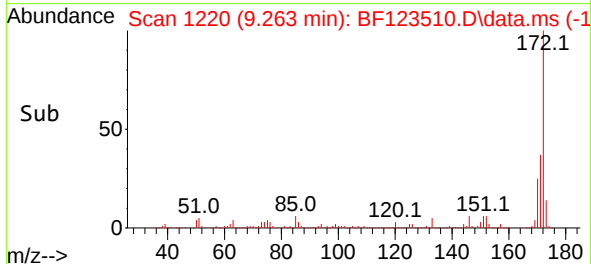
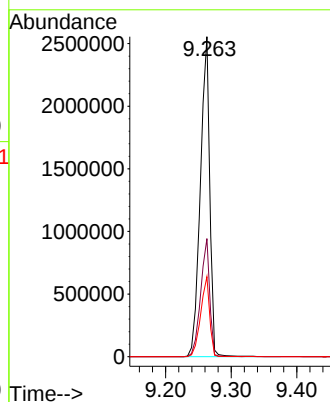
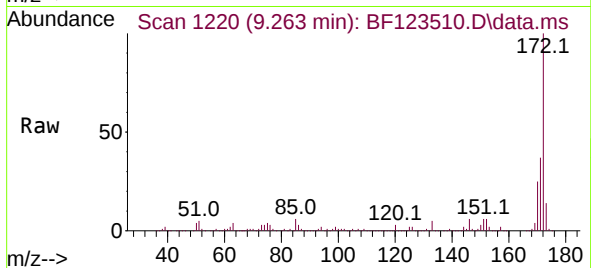




#45
2-Fluorobiphenyl
Concen: 67.60 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

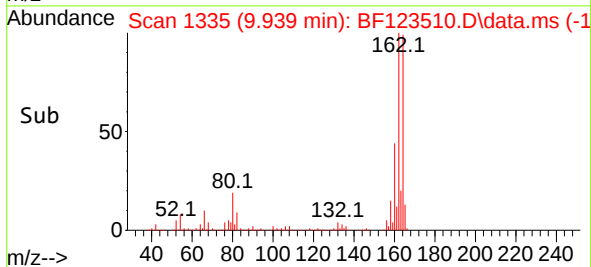
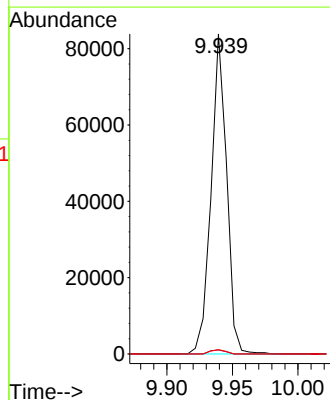
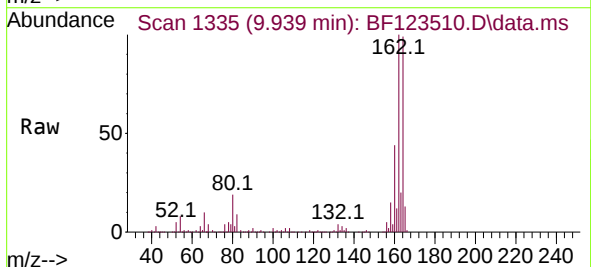
Instrument :
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PB-2021-WS-000-06

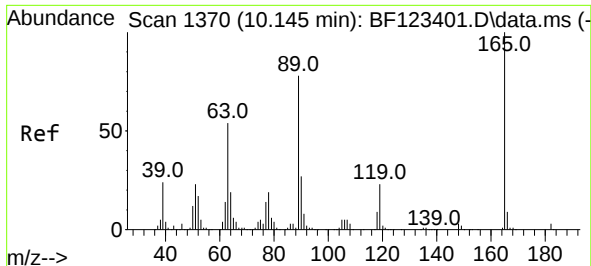
Tgt Ion:172 Resp: 2551874
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 25.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.66 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

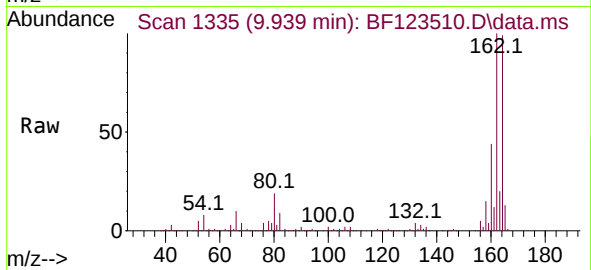
Tgt Ion:165 Resp: 69265
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.4 39.4 59.0#



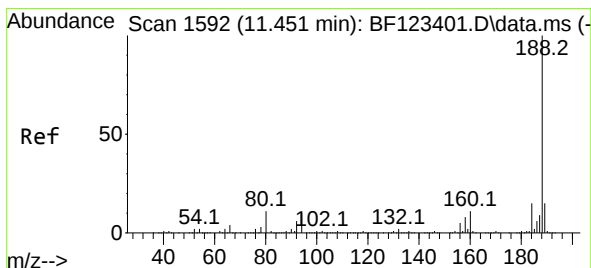
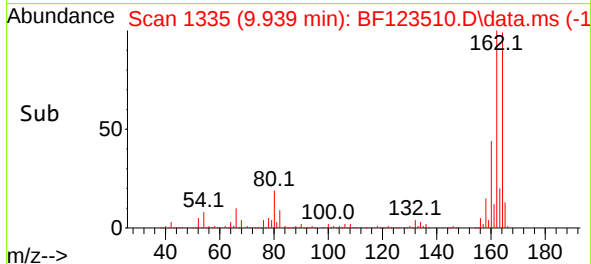
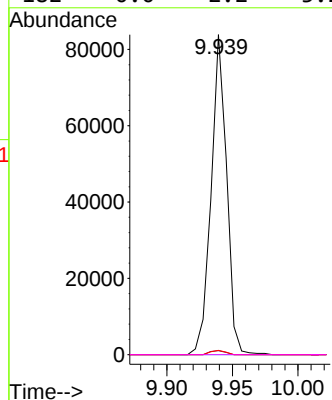


#57
2,4-Dinitrotoluene
Concen: 6.94 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

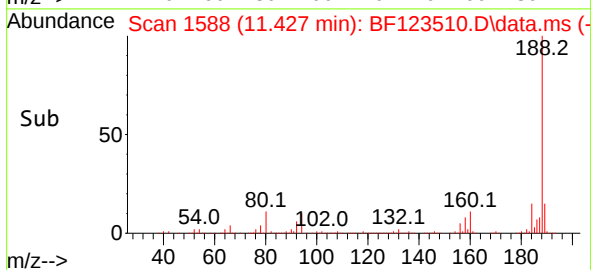
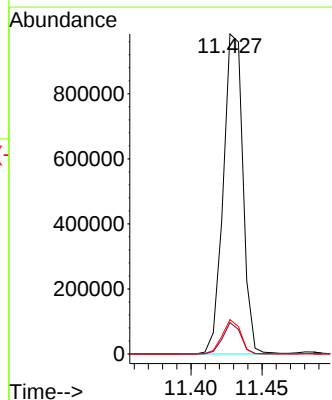
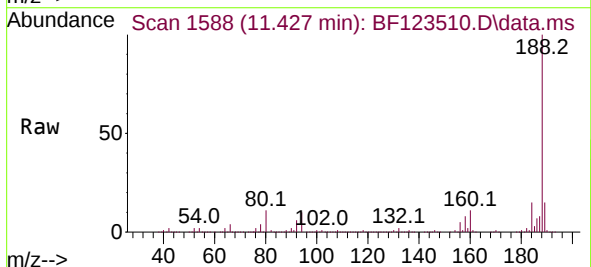


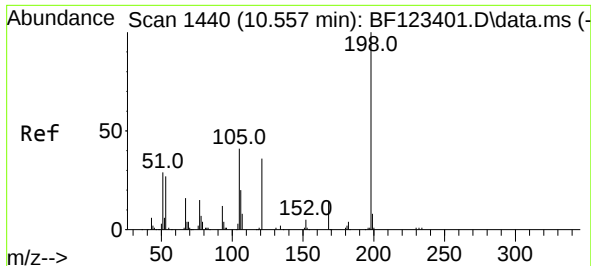
Tgt Ion:165 Resp: 69265
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:188 Resp: 943715
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.7 8.2 12.4

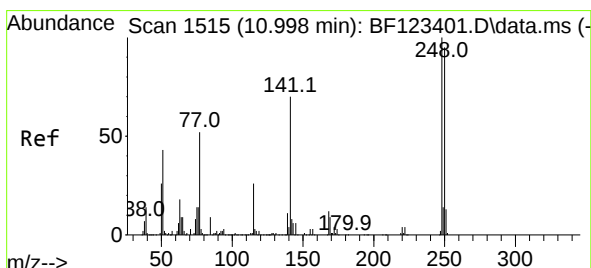
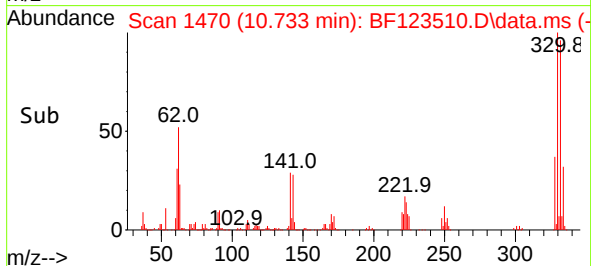
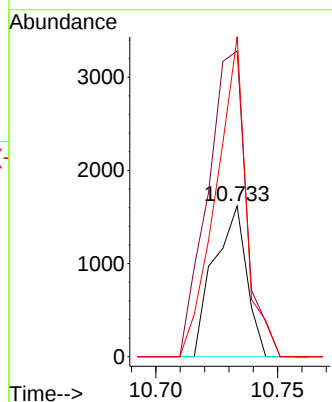
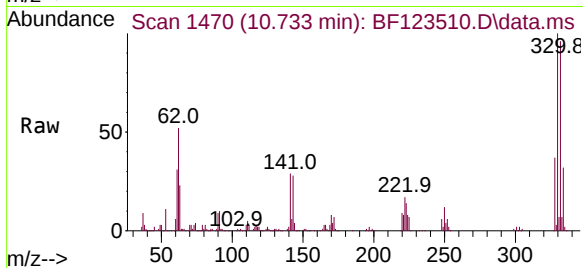




#65
4,6-Dinitro-2-methylphenol
Concen: 5.39 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

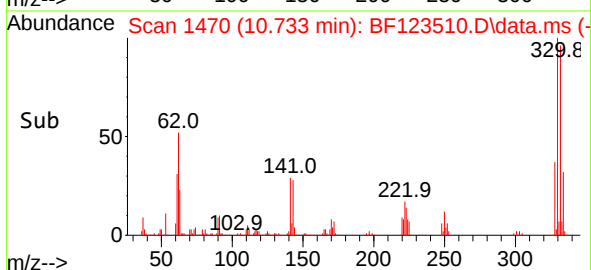
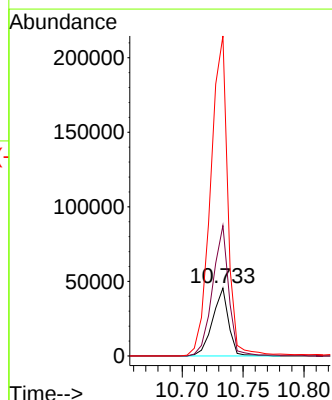
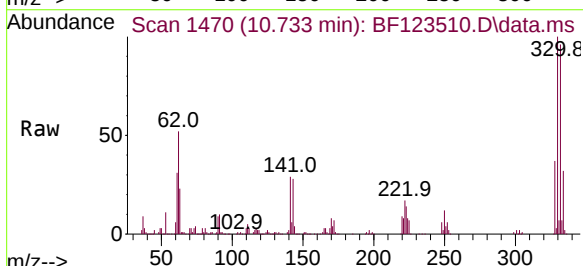
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

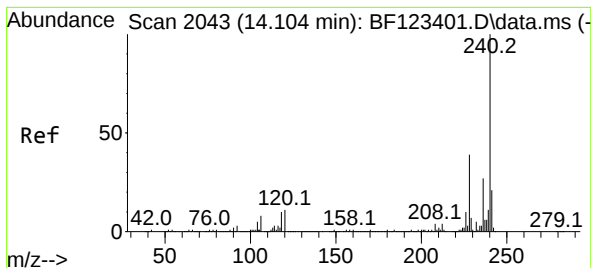
Tgt Ion:198 Resp: 1510
Ion Ratio Lower Upper
198 100
51 202.8 20.3 60.3#
105 212.2 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:248 Resp: 41592
Ion Ratio Lower Upper
248 100
250 192.2 76.8 115.2#
141 471.5 59.8 89.8#

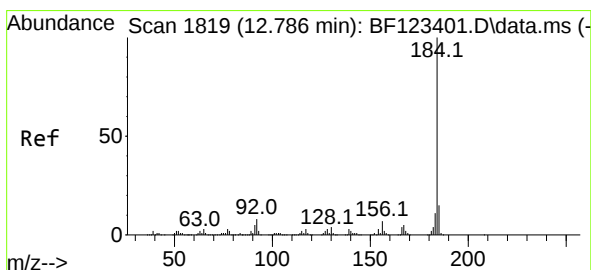
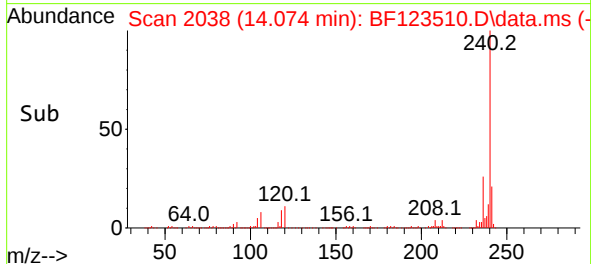
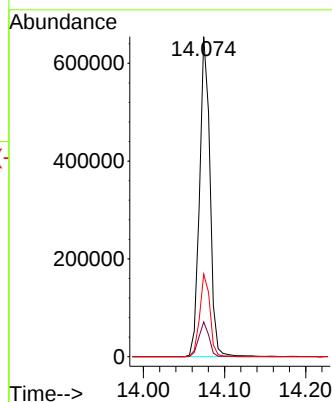
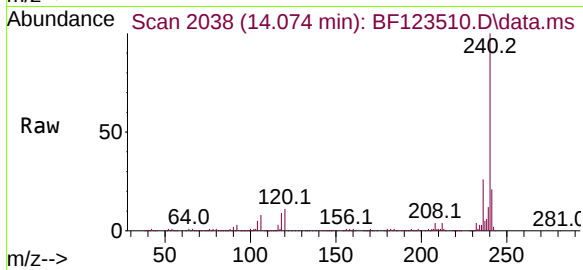




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

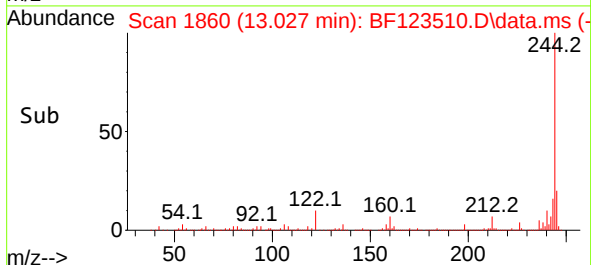
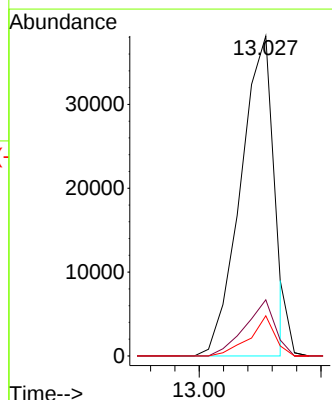
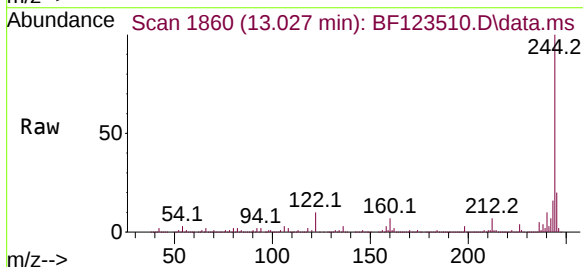
Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

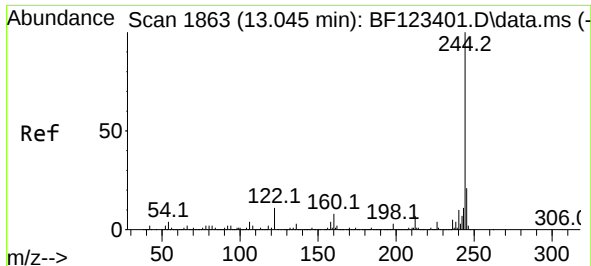
Tgt Ion:240 Resp: 585746
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.8 20.3 30.5



#77
Benzidine
Concen: 2.09 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:184 Resp: 36433
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6
183 12.5 9.7 14.5

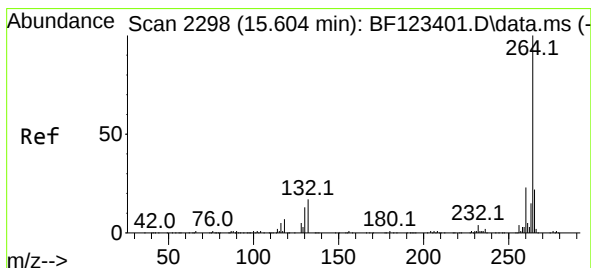
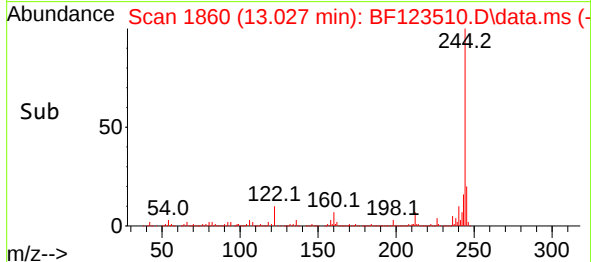
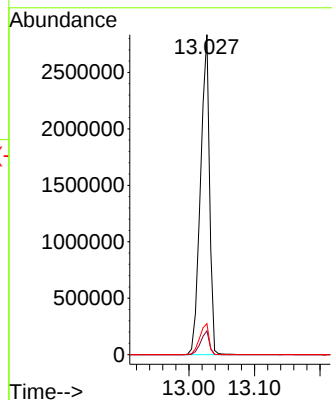
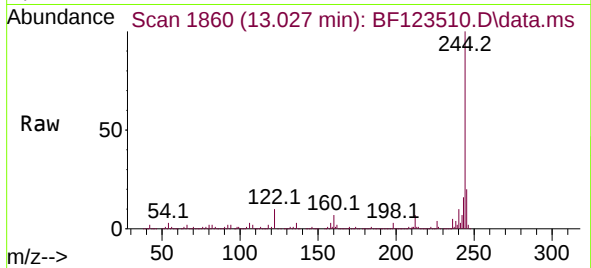




#79
Terphenyl-d14
Concen: 78.54 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123510.D
Acq: 29 Mar 2021 23:00

Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-06

Tgt Ion:244 Resp: 2714597
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.7 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: BF123510.D
Acq: 29 Mar 2021 23:00

Tgt Ion:264 Resp: 503340
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 20.9 17.0 25.6

