

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123508.D
 Acq On : 29 Mar 2021 21:56
 Operator : JU/CG
 Sample : M1791-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-INTERIOR-BLOCK-1-2

Quant Time: Mar 30 00:34:53 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)

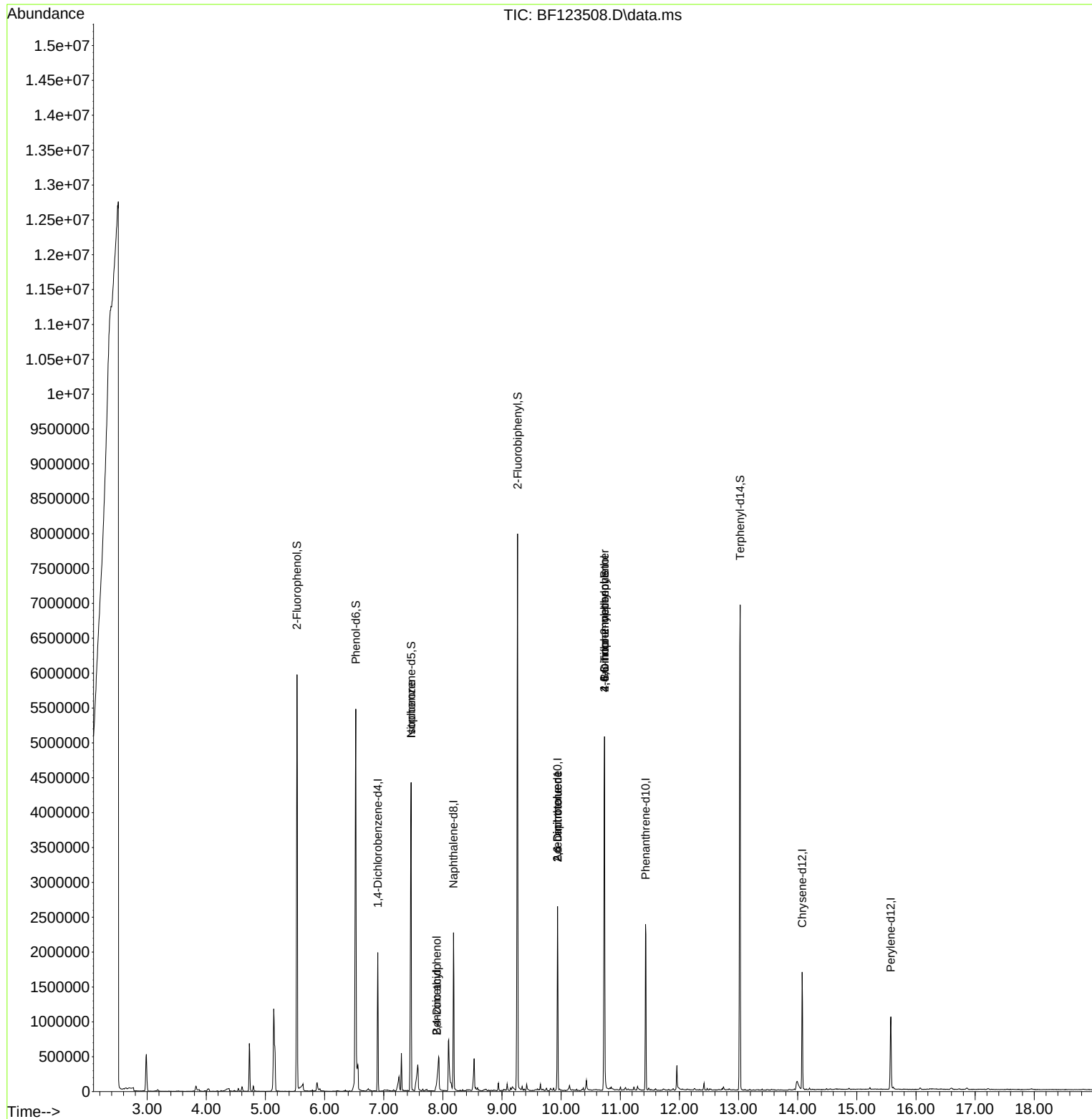
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	251716	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	920147	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	498454	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	878965	20.00	ng	0.00
76) Chrysene-d12	14.074	240	554195	20.00	ng	-0.01
86) Perylene-d12	15.574	264	484363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1570557	102.07	ng	0.02
7) Phenol-d6	6.528	99	1788959	87.34	ng	0.00
23) Nitrobenzene-d5	7.463	82	1442171	84.59	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	684762	122.88	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2449984	70.22	ng	0.00
79) Terphenyl-d14	13.027	244	2525195	77.22	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.446	77	625	Below Cal	#	62
25) Isophorone	7.463	82	1442154	39.34	ng	# 65
27) 2,4-Dimethylphenol	7.898	122	34162	2.28	ng	# 3
32) Benzoic acid	7.898	122	34162	3.86	ng	87
51) 2,6-Dinitrotoluene	9.939	165	65804	8.90	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	65804	7.13	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.733	198	1370	5.38	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	39690	3.81	ng	# 1

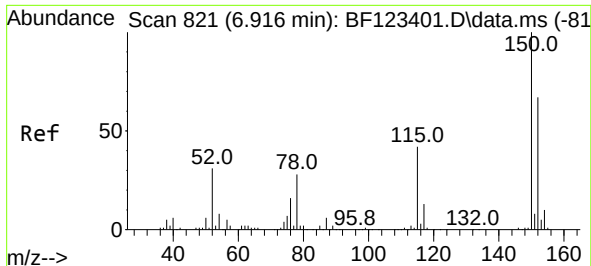
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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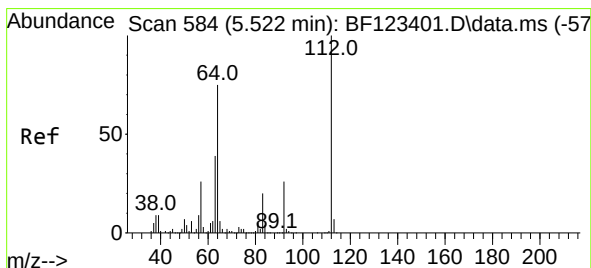
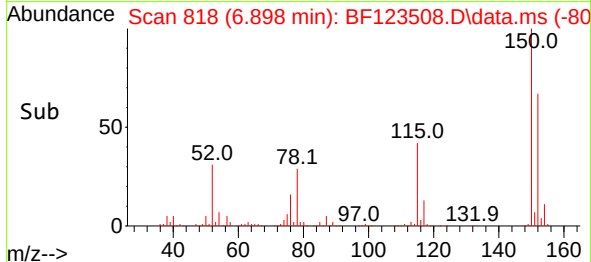
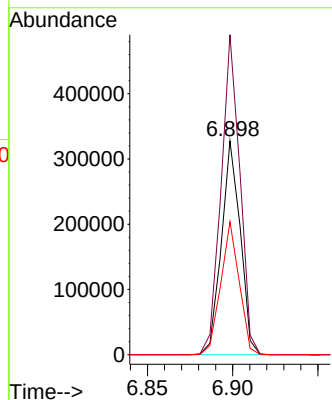
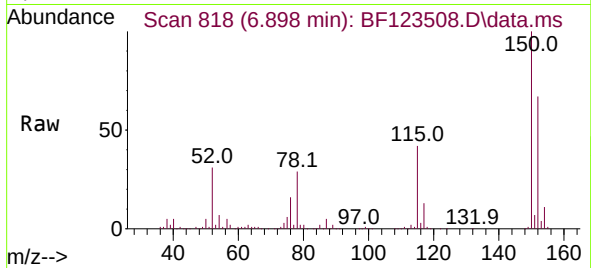




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

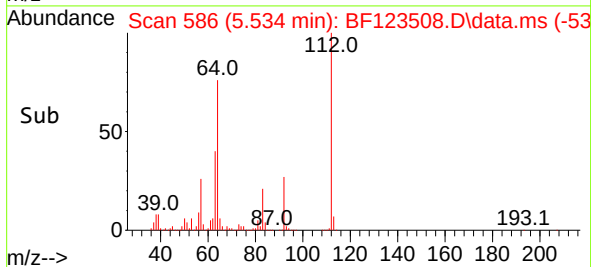
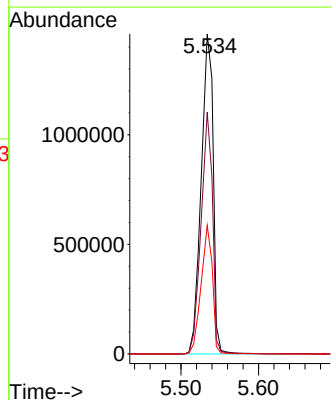
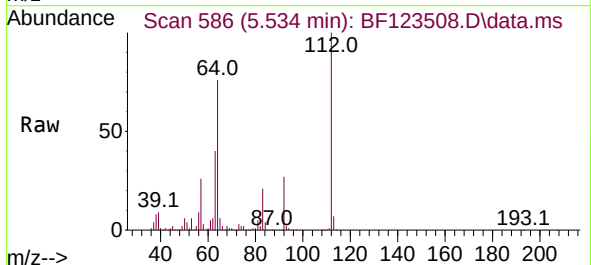
Instrument :
BNA_F
ClientSampleId :
GRAY-INTERIOR-BLOCK-1-2

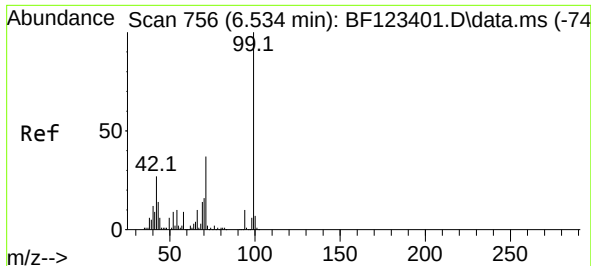
Tgt Ion:152 Resp: 251716
Ion Ratio Lower Upper
152 100
150 149.7 125.8 188.6
115 62.2 49.3 73.9



#5
2-Fluorophenol
Concen: 102.07 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.018 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

Tgt Ion:112 Resp: 1570557
Ion Ratio Lower Upper
112 100
64 75.6 46.9 70.3#
63 40.1 24.5 36.7#

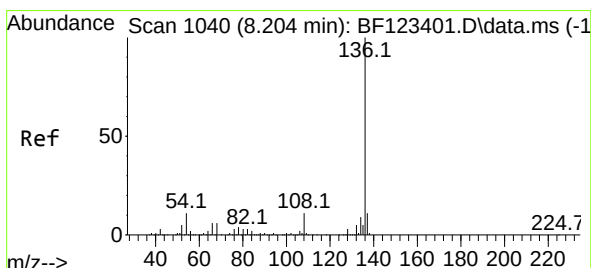
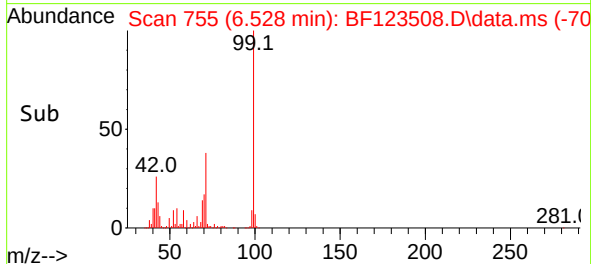
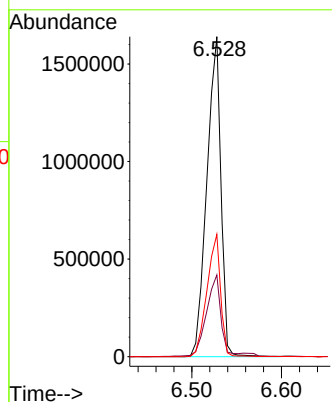
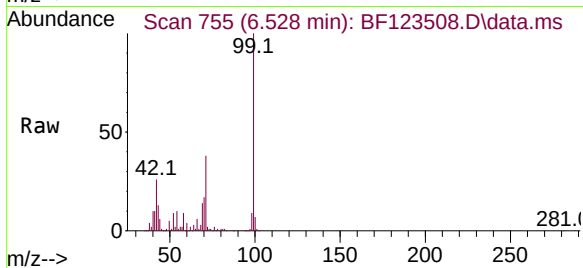




#7
Phenol-d6
Concen: 87.34 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

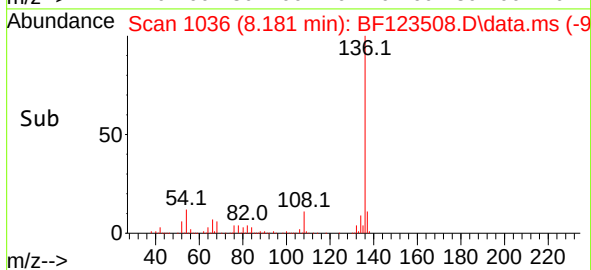
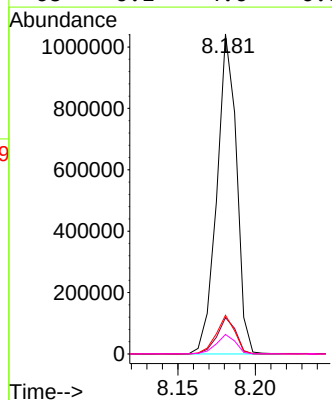
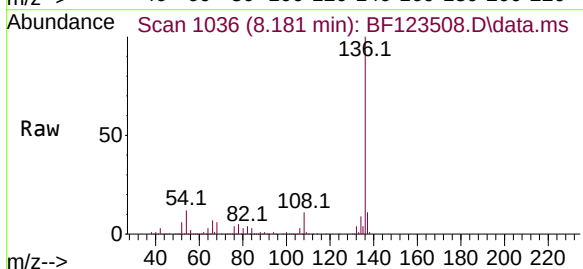
Instrument :
BNA_F
ClientSampleId :
GRAY-INTERIOR-BLOCK-1-2

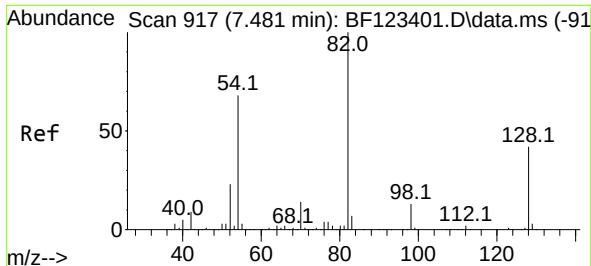
Tgt Ion: 99 Resp: 1788959
Ion Ratio Lower Upper
99 100
42 25.5 13.8 20.6#
71 38.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

Tgt Ion: 136 Resp: 920147
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 12.1 5.5 8.3#
68 6.1 4.6 6.8

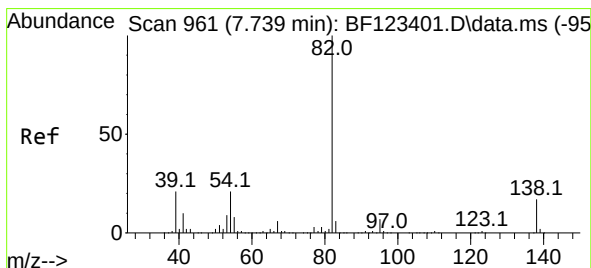
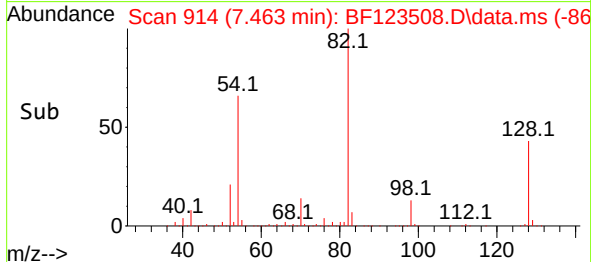
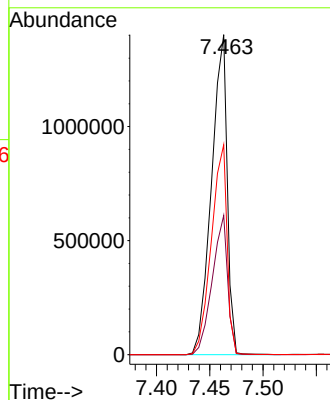
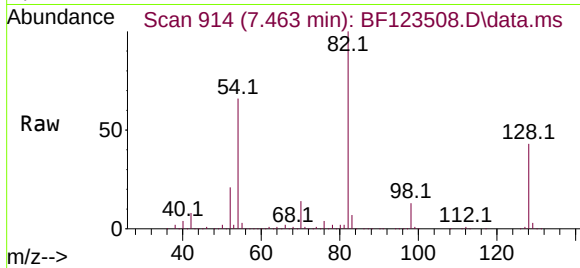




#23
Nitrobenzene-d5
Concen: 84.59 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

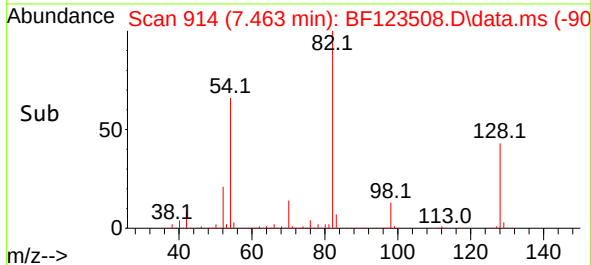
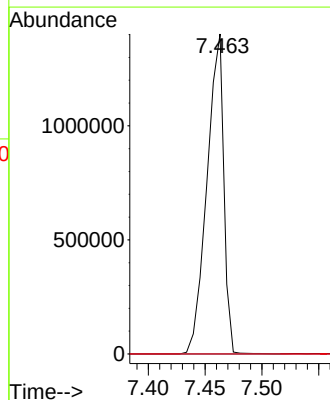
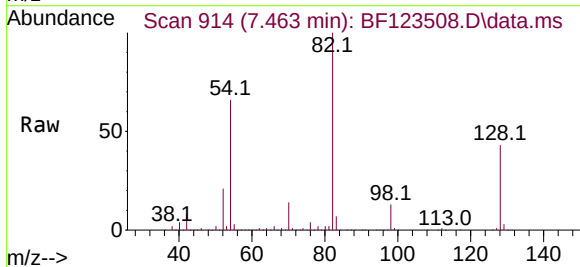
Instrument :
BNA_F
ClientSampleId :
GRAY-INTERIOR-BLOCK-1-2

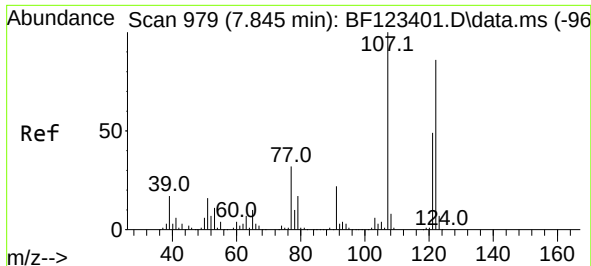
Tgt Ion: 82 Resp: 1442171
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.4
54 65.6 38.4 57.6#



#25
Isophorone
Concen: 39.34 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

Tgt Ion: 82 Resp: 1442154
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

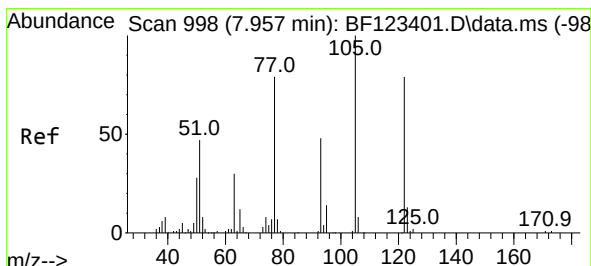
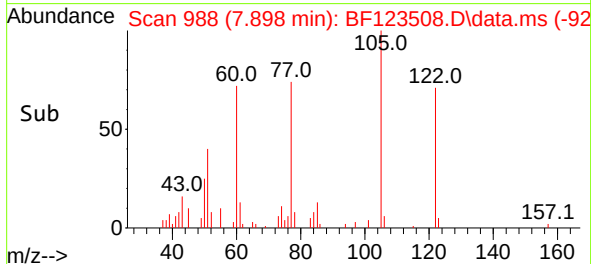
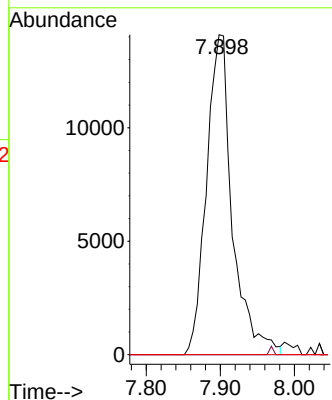
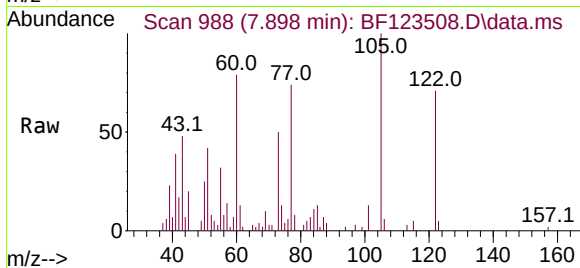




#27
2,4-Dimethylphenol
Concen: 2.28 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.065 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

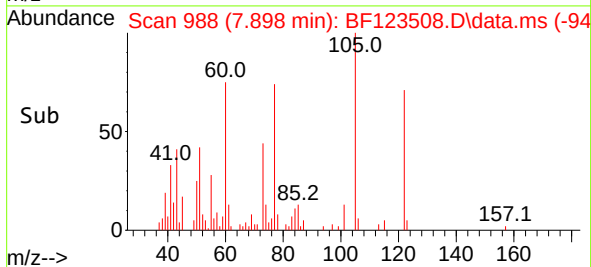
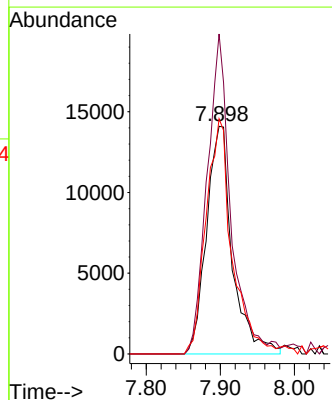
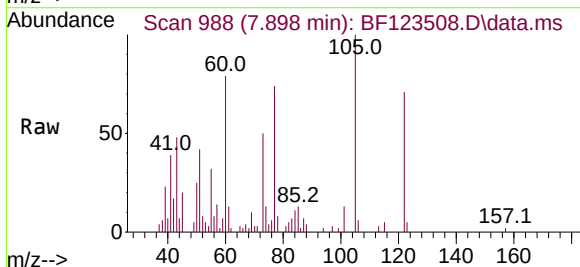
Instrument :
BNA_F
ClientSampleId :
GRAY-INTERIOR-BLOCK-1-2

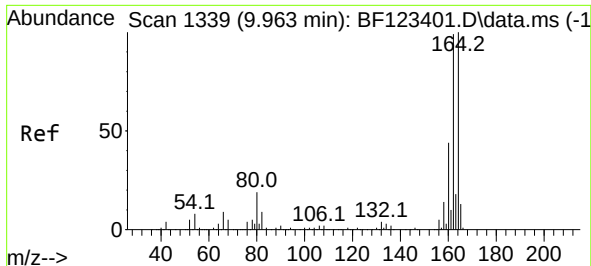
Tgt Ion:122 Resp: 34162
Ion Ratio Lower Upper
122 100
107 0.0 91.8 137.8#
121 0.0 47.3 70.9#



#32
Benzoic acid
Concen: 3.86 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.041 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

Tgt Ion:122 Resp: 34162
Ion Ratio Lower Upper
122 100
105 140.5 104.8 144.8
77 103.3 71.0 111.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF123508.D

Acq: 29 Mar 2021 21:56

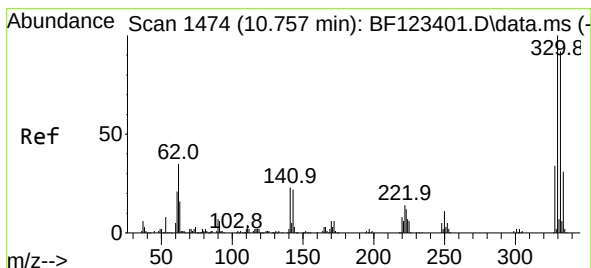
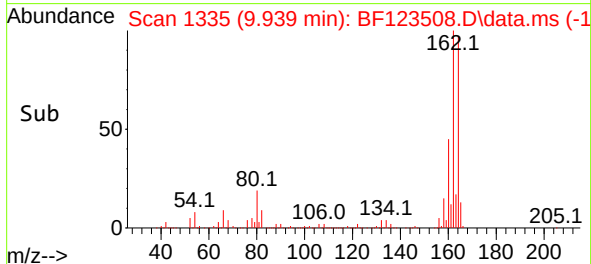
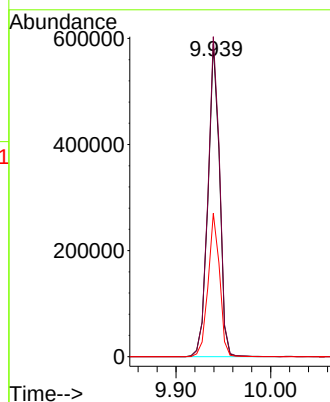
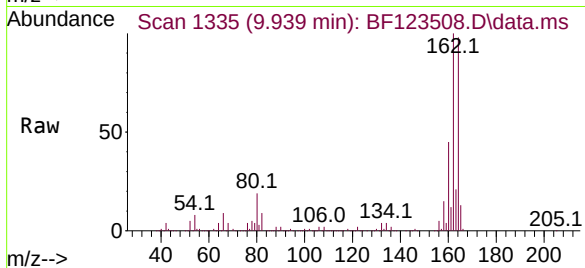
Tgt Ion:164 Resp: 498454

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

160 45.9 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 122.88 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BF123508.D

Acq: 29 Mar 2021 21:56

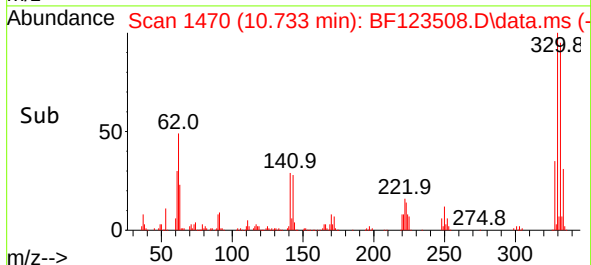
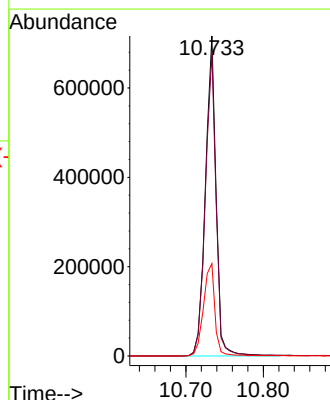
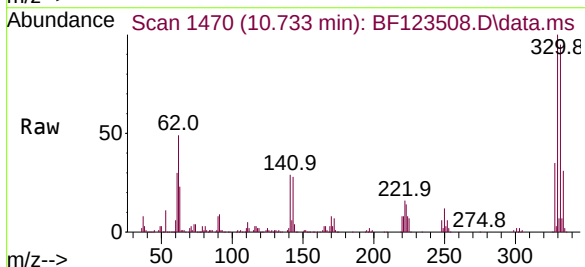
Tgt Ion:330 Resp: 684762

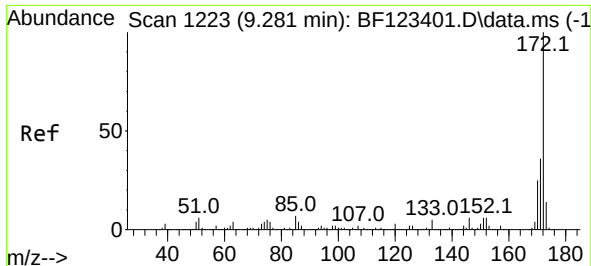
Ion Ratio Lower Upper

330 100

332 95.4 77.5 116.3

141 31.1 23.8 35.8

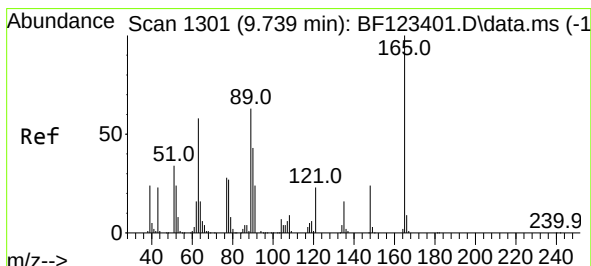
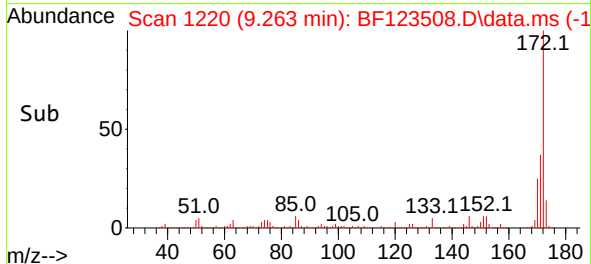
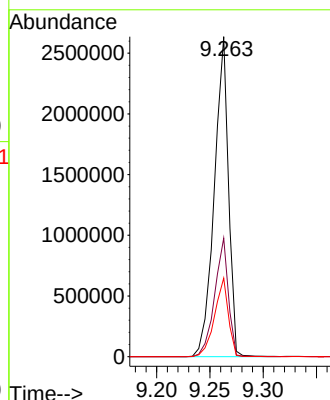
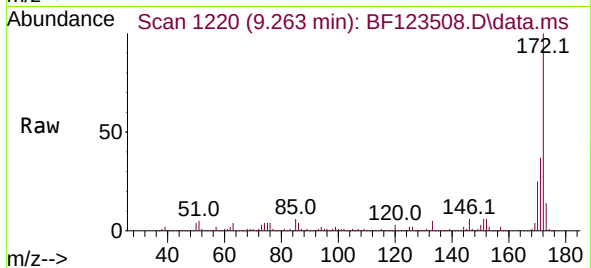




#45
2-Fluorobiphenyl
Concen: 70.22 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

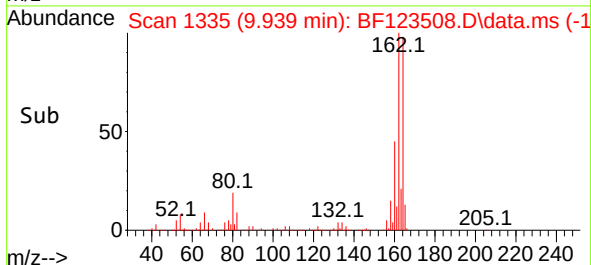
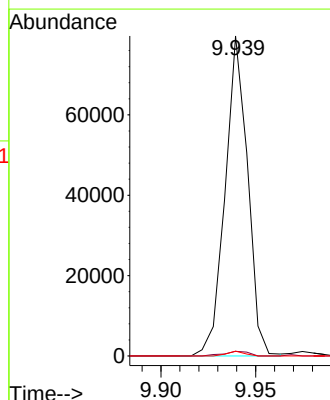
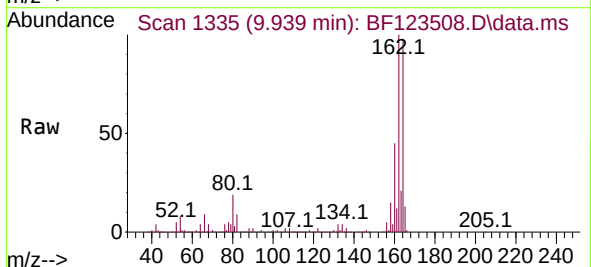
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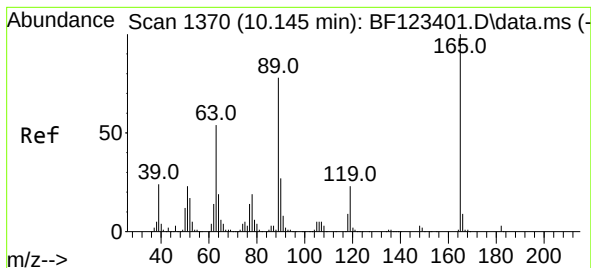
Tgt Ion:172 Resp: 2449984
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.6 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.90 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

Tgt Ion:165 Resp: 65804
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.5 39.4 59.0#

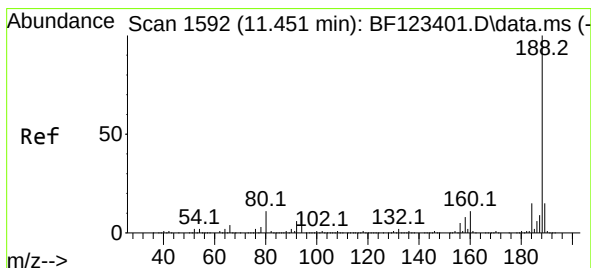
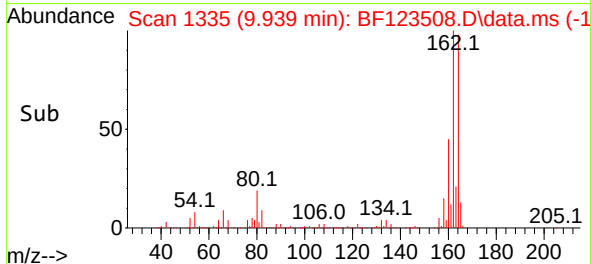
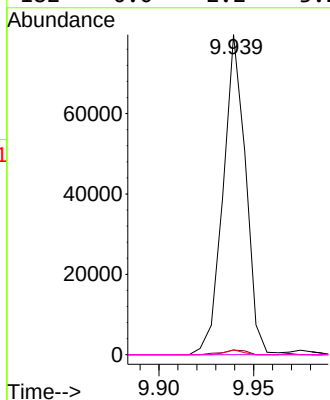
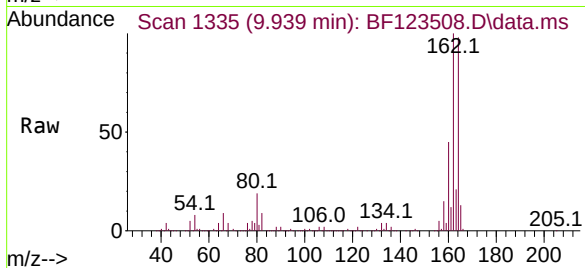




#57
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

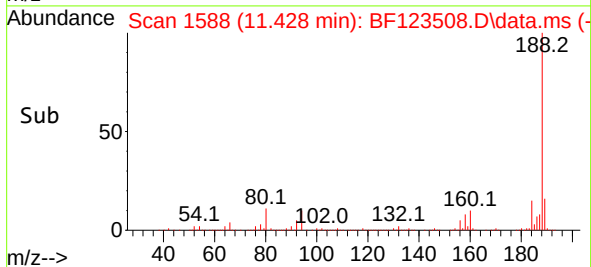
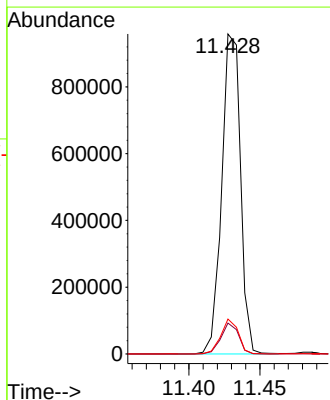
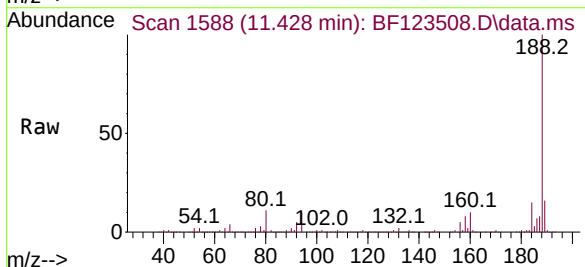
Instrument :
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GRAY-INTERIOR-BLOCK-1-2

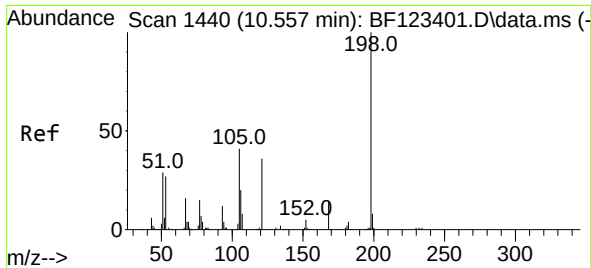
Tgt Ion:165 Resp: 65804
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

Tgt Ion:188 Resp: 878965
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.9 8.2 12.4

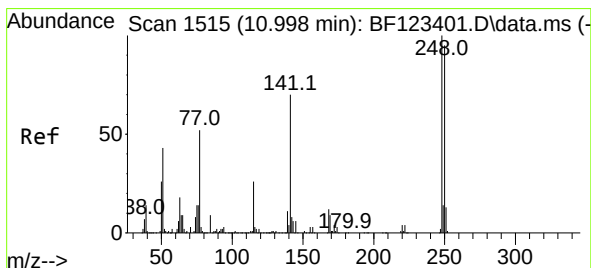
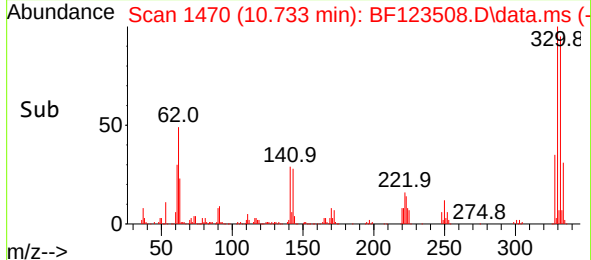
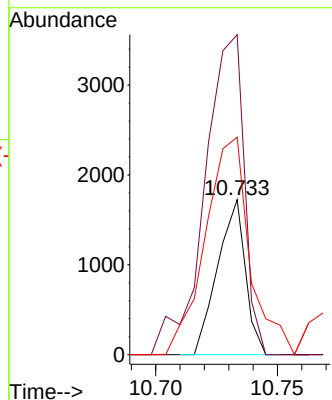
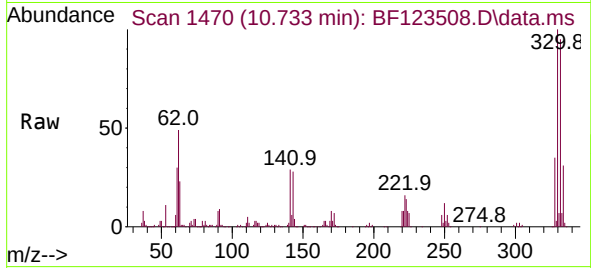




#65
4,6-Dinitro-2-methylphenol
Concen: 5.38 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

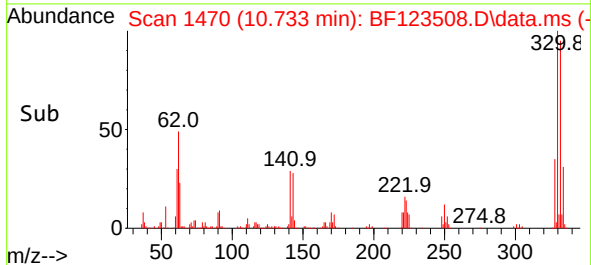
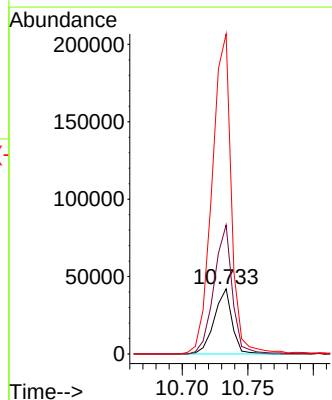
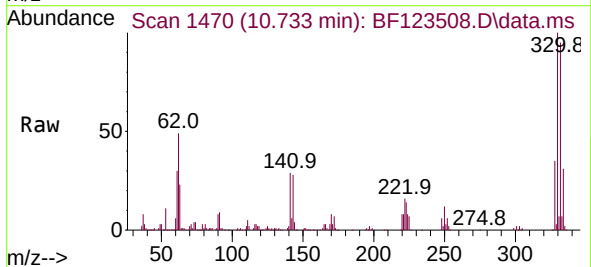
Instrument :
BNA_F
ClientSampleId :
GRAY-INTERIOR-BLOCK-1-2

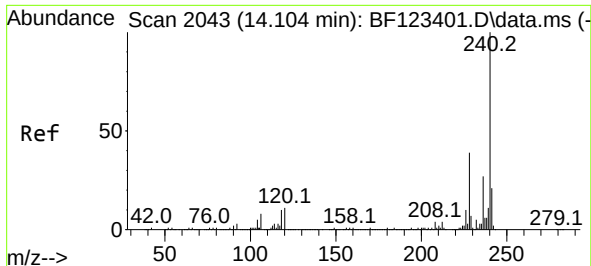
Tgt Ion:198 Resp: 1370
Ion Ratio Lower Upper
198 100
51 206.4 20.3 60.3#
105 140.3 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

Tgt Ion:248 Resp: 39690
Ion Ratio Lower Upper
248 100
250 198.0 76.8 115.2#
141 491.2 59.8 89.8#

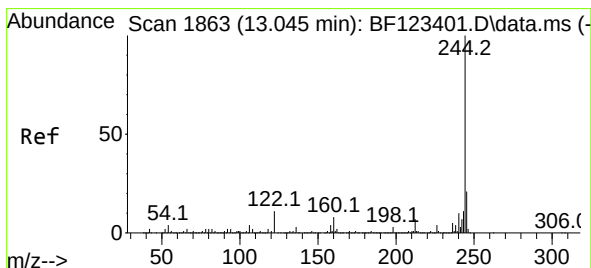
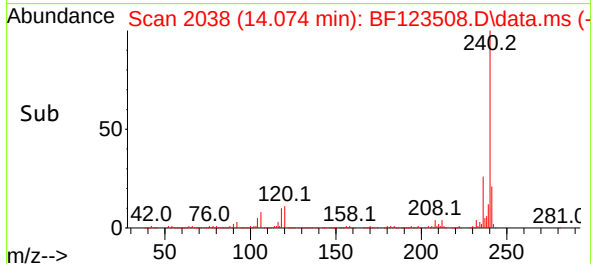
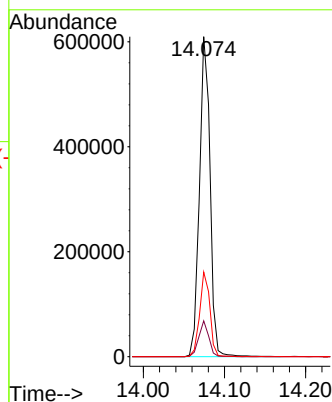
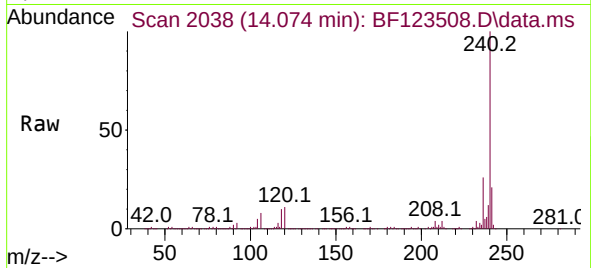




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

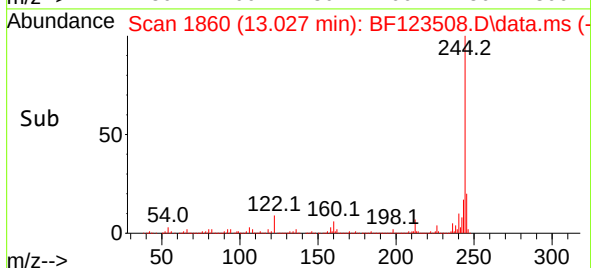
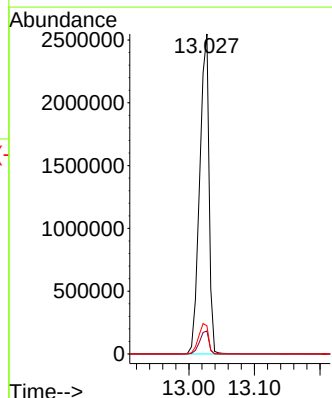
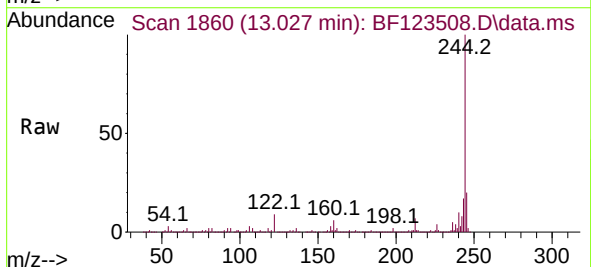
Instrument :
BNA_F
ClientSampleId :
GRAY-INTERIOR-BLOCK-1-2

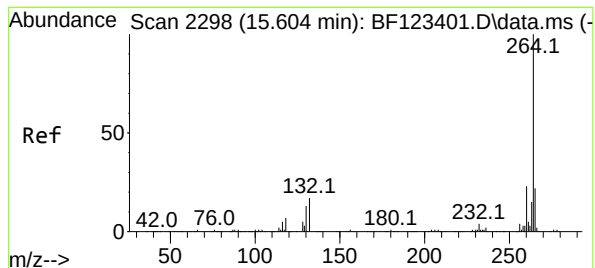
Tgt Ion:240 Resp: 554195
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 77.22 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123508.D
Acq: 29 Mar 2021 21:56

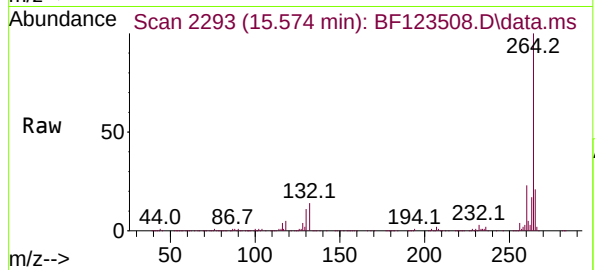
Tgt Ion:244 Resp: 2525195
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.006 min
 Lab File: BF123508.D
 Acq: 29 Mar 2021 21:56

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-INTERIOR-BLOCK-1-2



Tgt Ion:264 Resp: 484363

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	21.0	17.0	25.6

