

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
 Data File : BF123503.D
 Acq On : 29 Mar 2021 19:15
 Operator : JU/CG
 Sample : M1812-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 30 00:33:39 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)

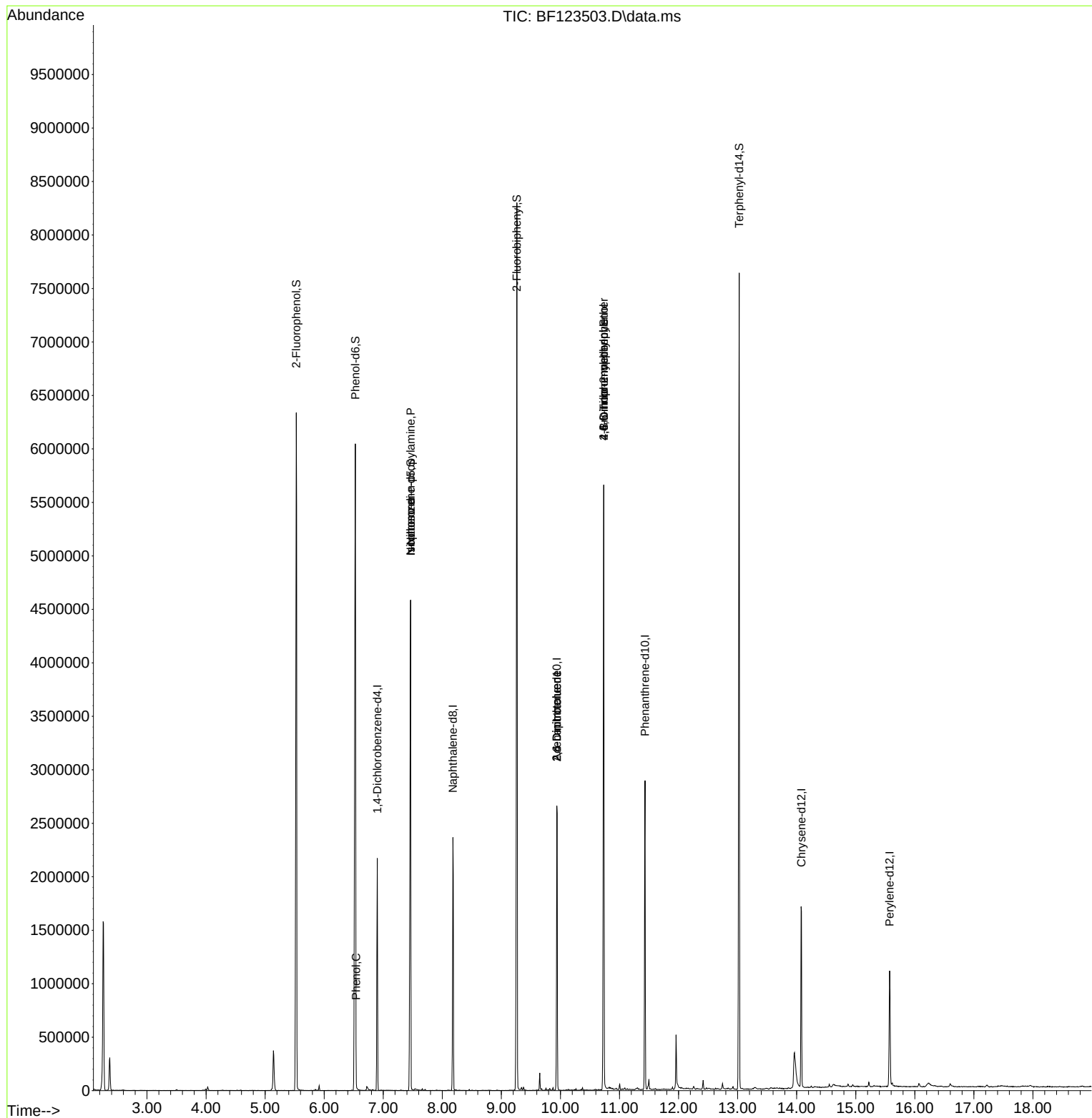
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	280537	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	1042962	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	589789	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	1010276	20.00	ng	0.00
76) Chrysene-d12	14.080	240	614248	20.00	ng	0.00
86) Perylene-d12	15.574	264	521685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1810258	105.56	ng	0.01
7) Phenol-d6	6.528	99	2308833	101.14	ng	0.00
23) Nitrobenzene-d5	7.463	82	1541708	79.78	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	718812	109.01	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2641684	63.99	ng	0.00
79) Terphenyl-d14	13.027	244	2562049	70.69	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.528	77	4386	Below Cal	#	1
10) Phenol	6.539	94	63090	2.69	ng	93
19) n-Nitroso-di-n-propyla...	7.463	70	212009	14.36	ng	# 82
25) Isophorone	7.463	82	1538005	37.02	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	77655	8.87	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	77655	7.11	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.733	198	1313	5.34	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	41681	3.48	ng	# 1

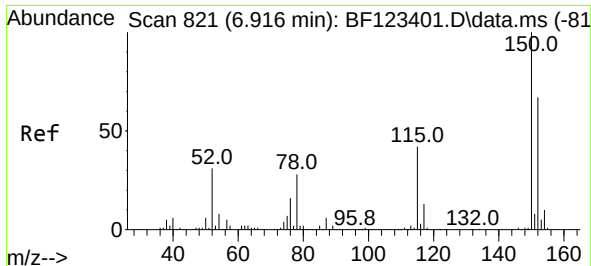
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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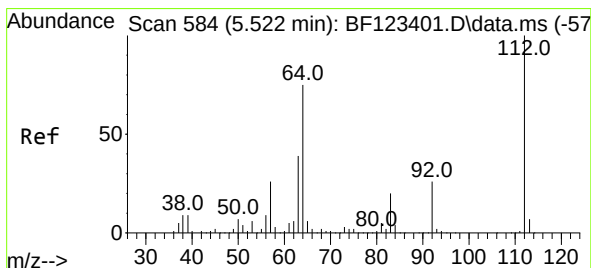
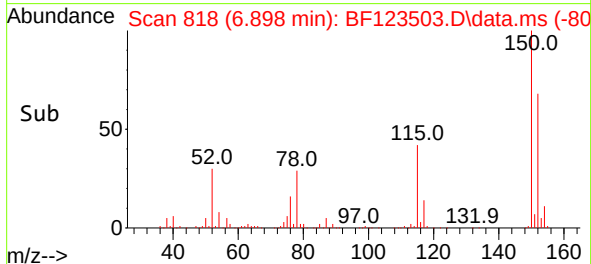
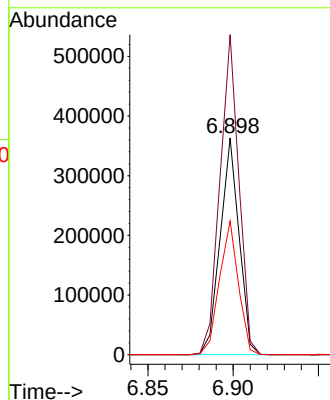
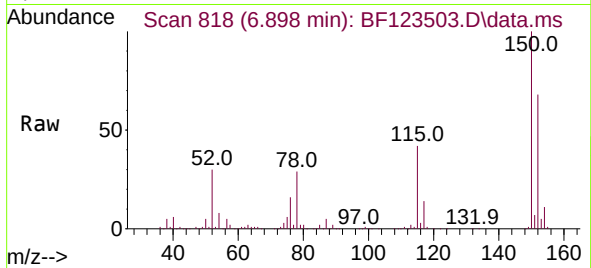




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

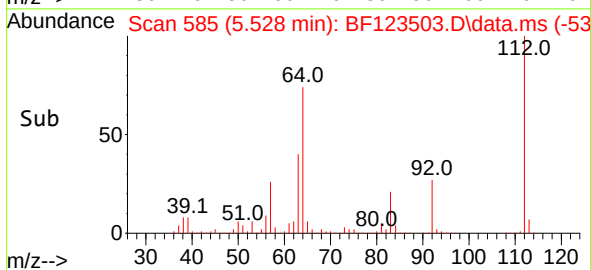
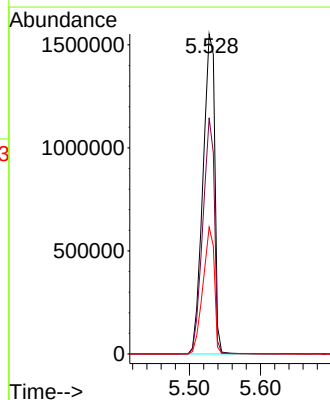
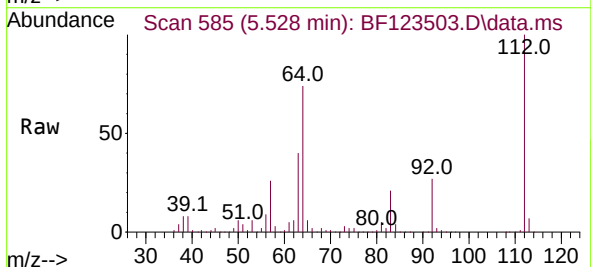
Instrument :
BNA_F
ClientSampleId :
TP-1

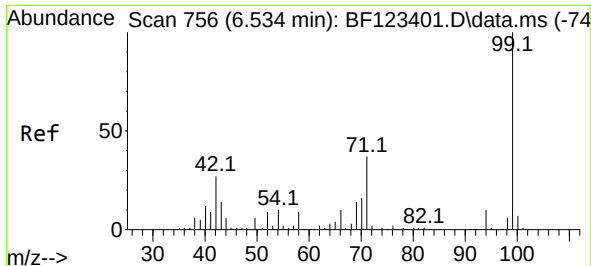
Tgt Ion:152 Resp: 280537
Ion Ratio Lower Upper
152 100
150 147.5 125.8 188.6
115 61.7 49.3 73.9



#5
2-Fluorophenol
Concen: 105.56 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

Tgt Ion:112 Resp: 1810258
Ion Ratio Lower Upper
112 100
64 73.8 46.9 70.3#
63 39.6 24.5 36.7#

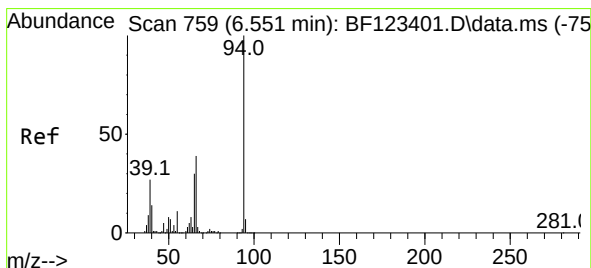
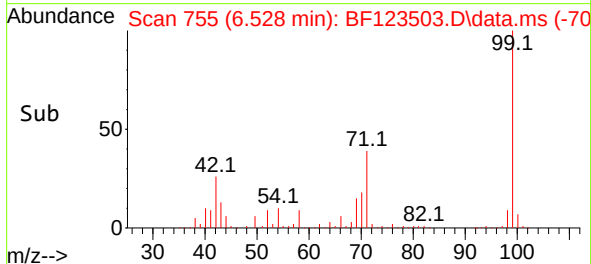
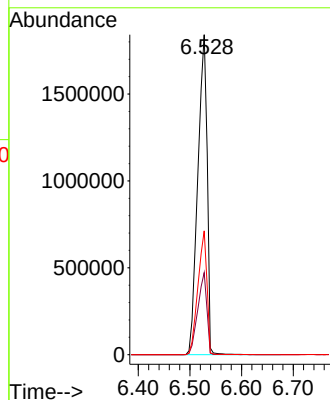
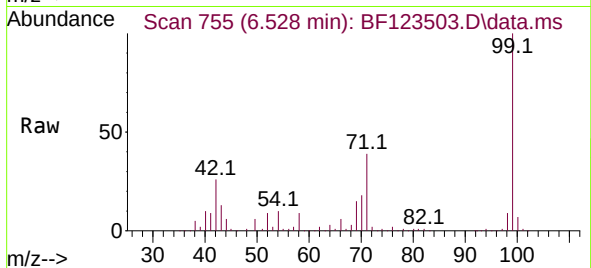




#7
Phenol-d6
Concen: 101.14 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

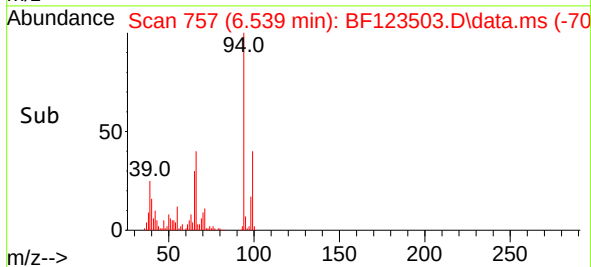
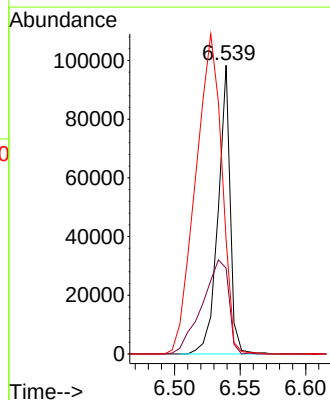
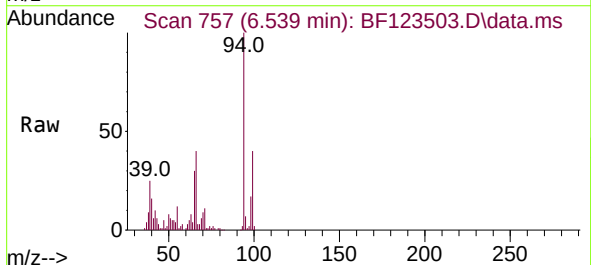
Instrument :
BNA_F
ClientSampleId :
TP-1

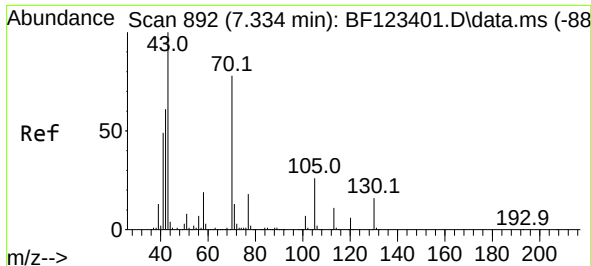
Tgt Ion: 99 Resp: 2308833
Ion Ratio Lower Upper
99 100
42 25.7 13.8 20.6#
71 38.7 26.9 40.3



#10
Phenol
Concen: 2.69 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

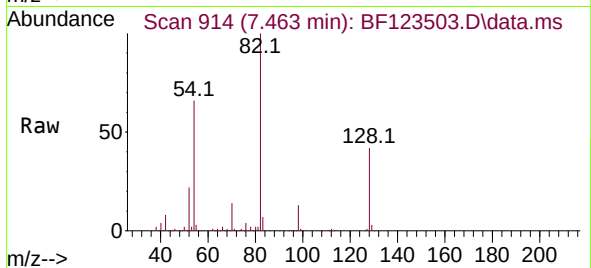
Tgt Ion: 94 Resp: 63090
Ion Ratio Lower Upper
94 100
65 29.7 11.2 51.2
66 39.6 25.8 65.8



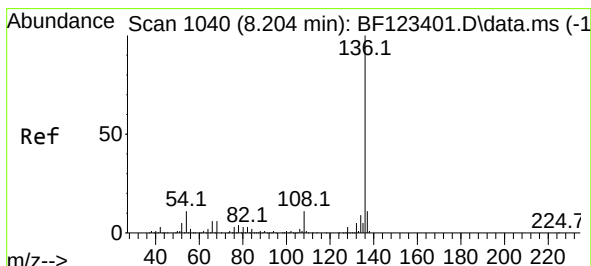
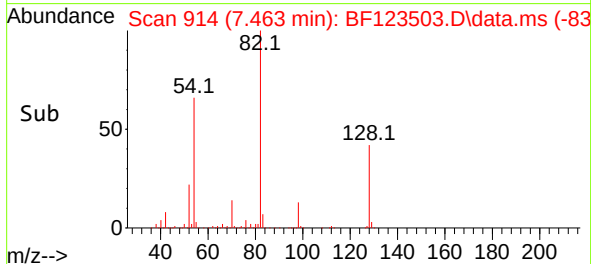
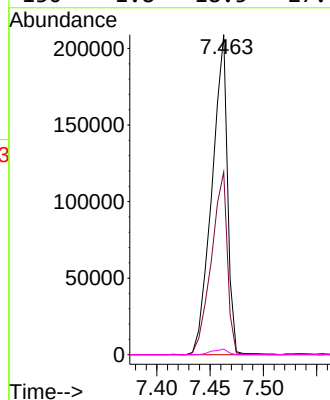


#19
n-Nitroso-di-n-propylamine
Concen: 14.36 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

Instrument :
BNA_F
ClientSampled :
TP-1

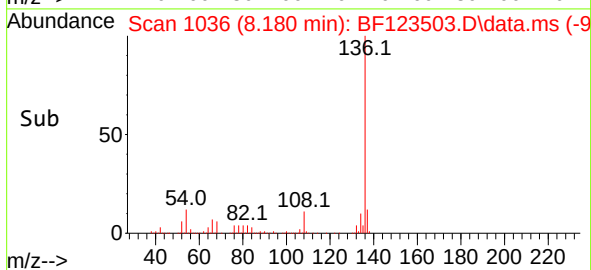
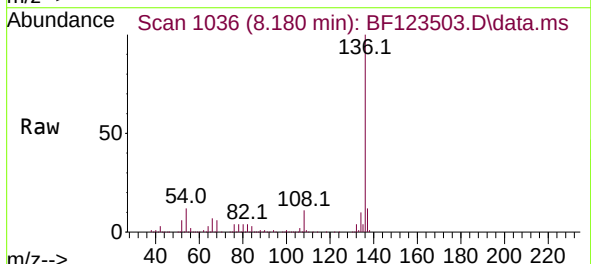
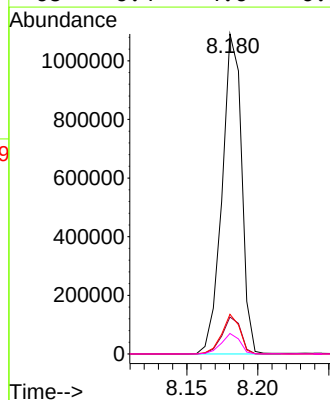


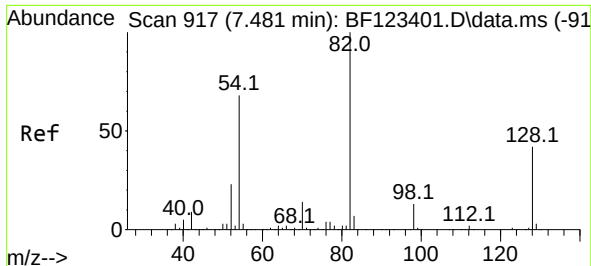
Tgt Ion: 70 Resp: 212009
Ion Ratio Lower Upper
70 100
42 57.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 136 Resp: 1042962
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 12.4 5.5 8.3#
68 6.4 4.6 6.8

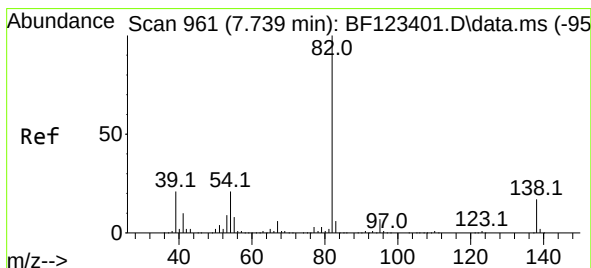
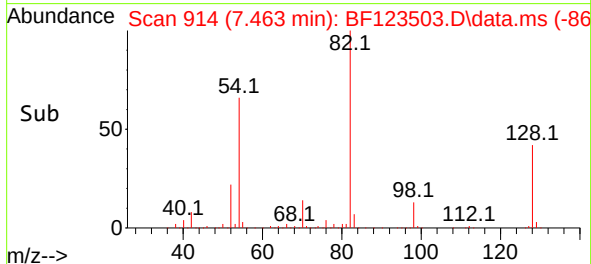
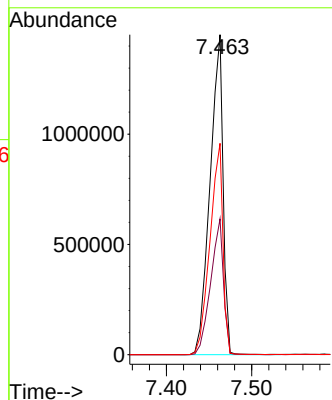
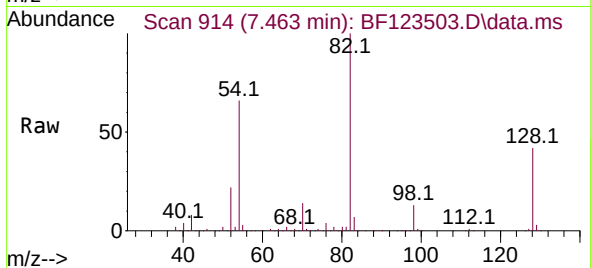




#23
Nitrobenzene-d5
Concen: 79.78 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

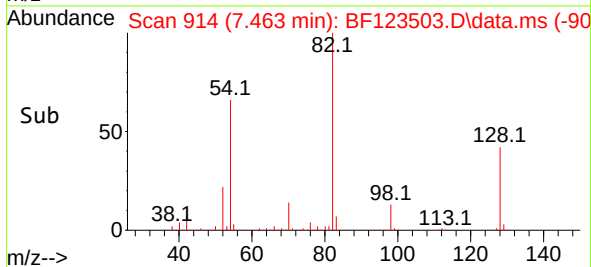
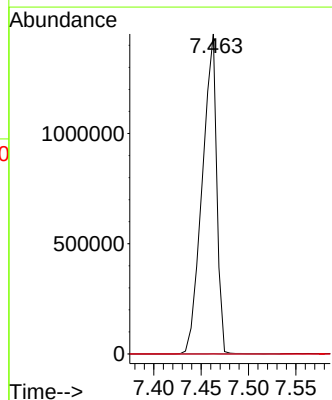
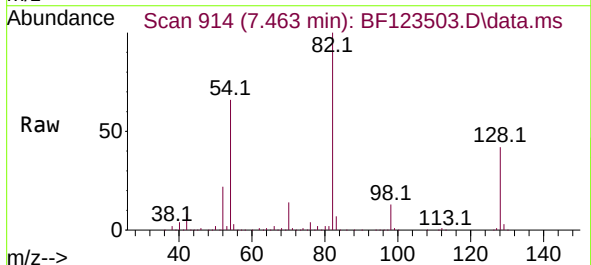
Instrument :
BNA_F
ClientSampleId :
TP-1

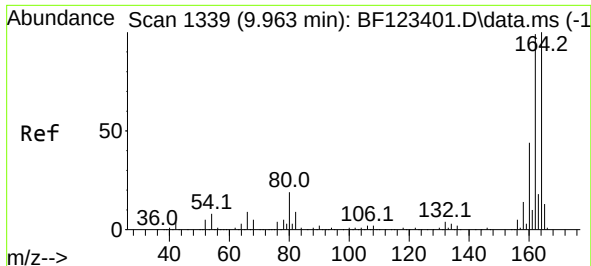
Tgt Ion: 82 Resp: 1541708
Ion Ratio Lower Upper
82 100
128 42.5 37.0 55.4
54 66.1 38.4 57.6#



#25
Isophorone
Concen: 37.02 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

Tgt Ion: 82 Resp: 1538005
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: BF123503.D

Acq: 29 Mar 2021 19:15

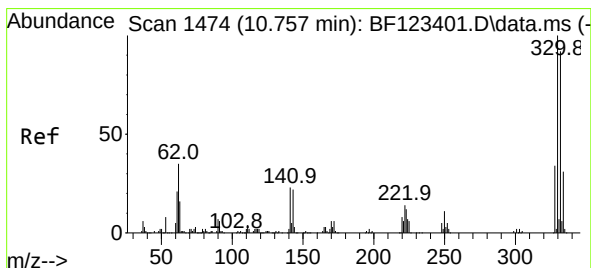
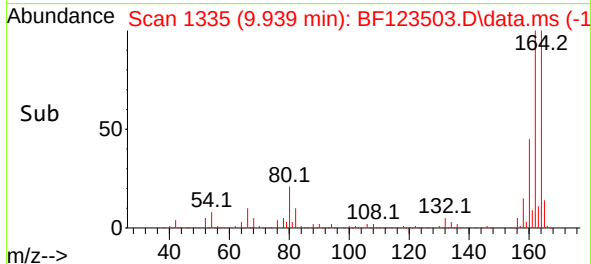
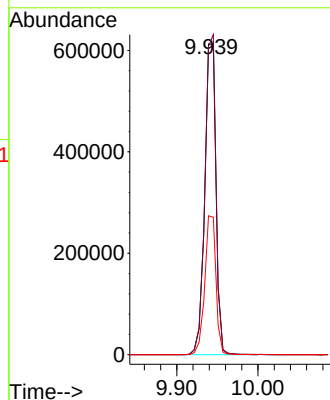
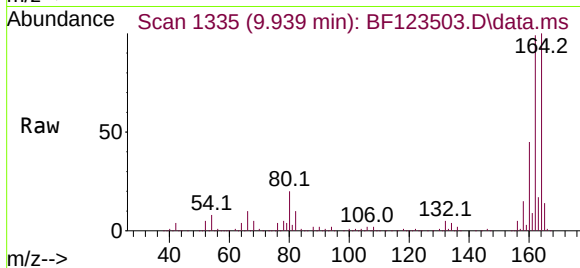
Tgt Ion:164 Resp: 589789

Ion Ratio Lower Upper

164 100

162 99.2 80.8 121.2

160 44.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 109.01 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BF123503.D

Acq: 29 Mar 2021 19:15

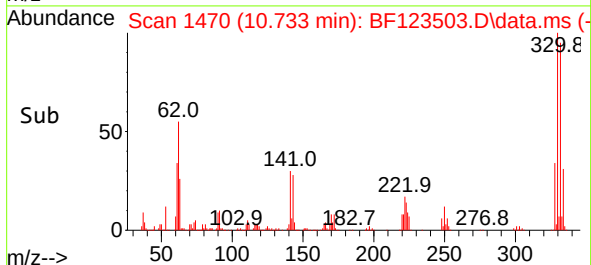
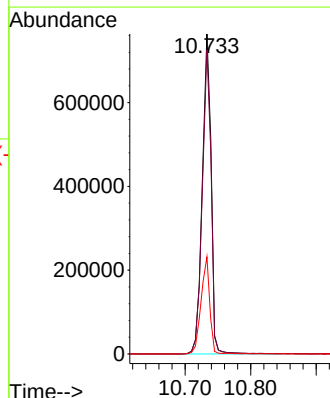
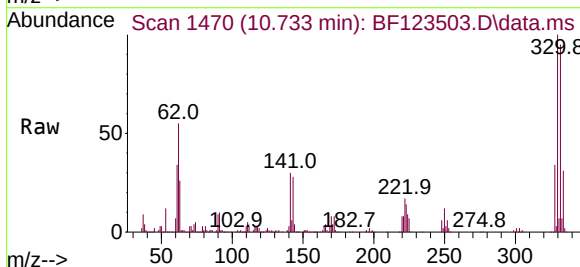
Tgt Ion:330 Resp: 718812

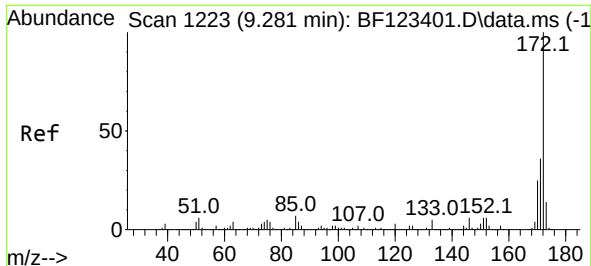
Ion Ratio Lower Upper

330 100

332 94.8 77.5 116.3

141 30.0 23.8 35.8

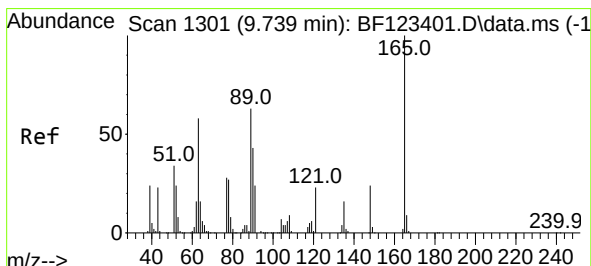
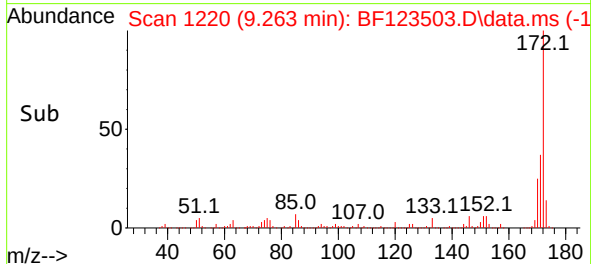
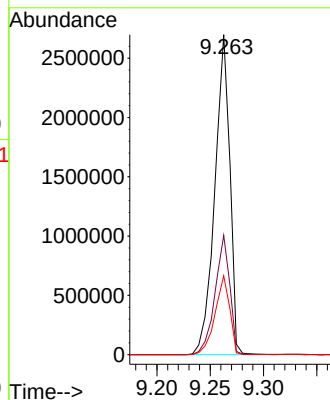
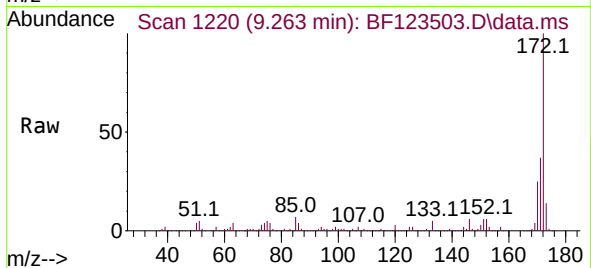




#45
2-Fluorobiphenyl
Concen: 63.99 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

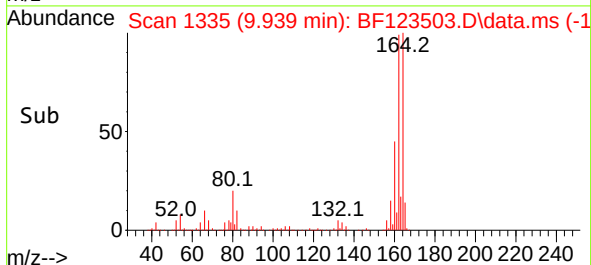
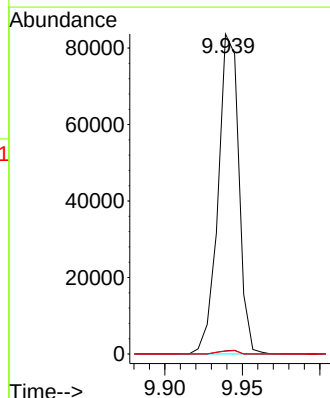
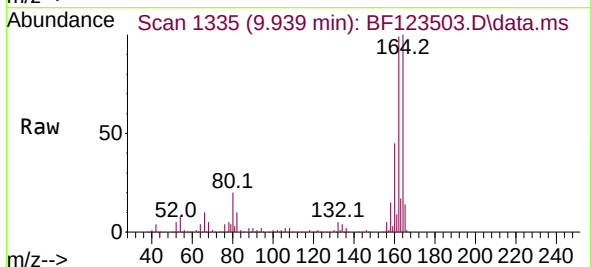
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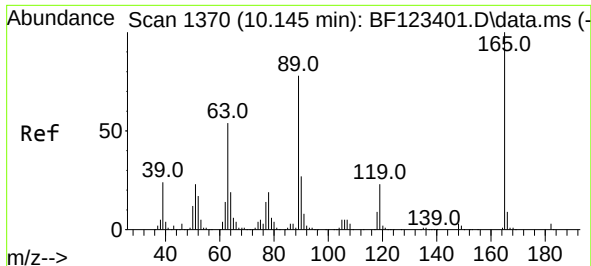
Tgt Ion:172 Resp: 2641684
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.7 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.87 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.212 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

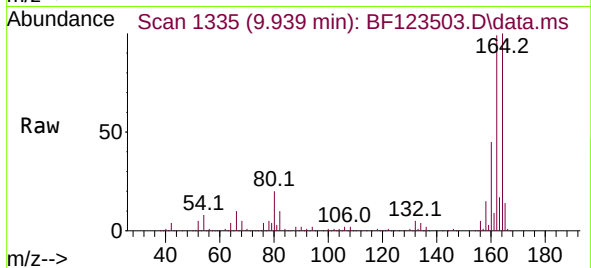
Tgt Ion:165 Resp: 77655
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 0.9 39.4 59.0#



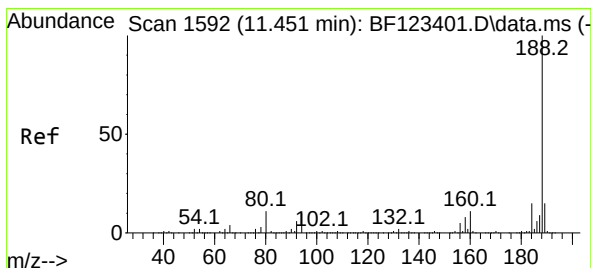
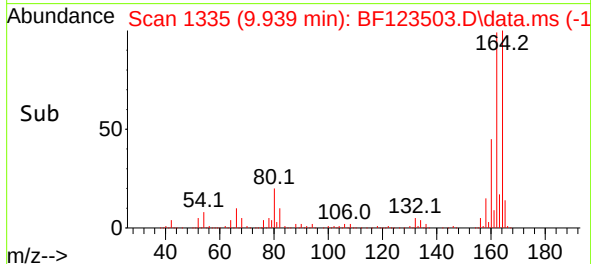
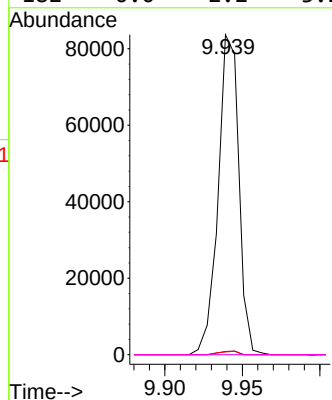


#57
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.188 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

Instrument :
BNA_F
ClientSampled :
TP-1

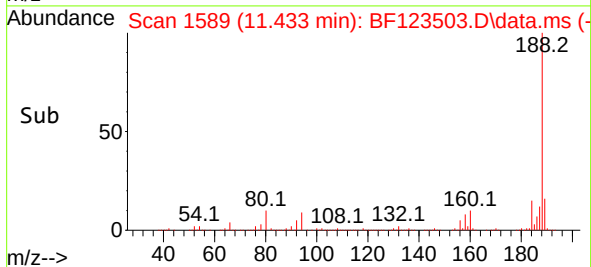
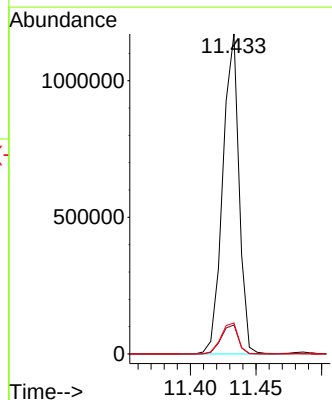
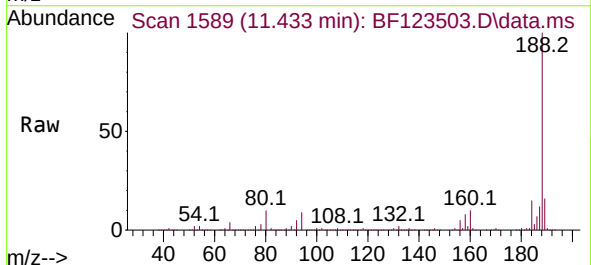


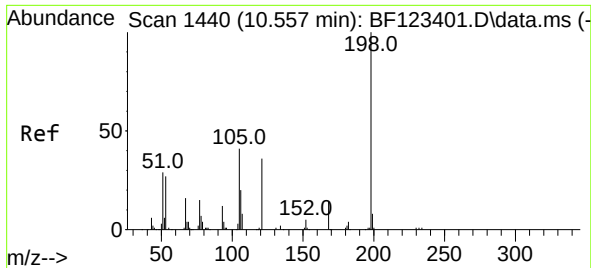
Tgt Ion:165 Resp: 77655
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

Tgt Ion:188 Resp: 1010276
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 8.2 12.4

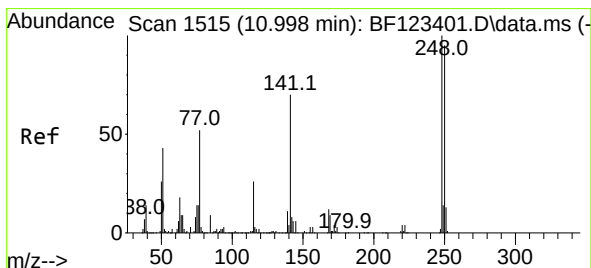
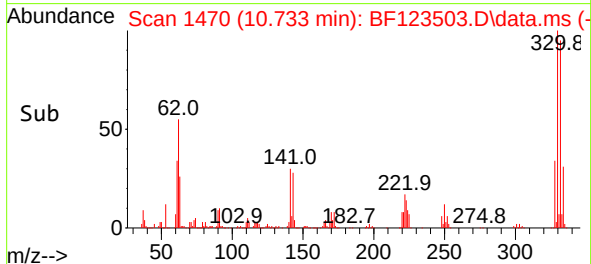
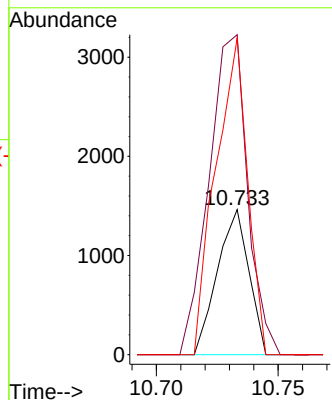
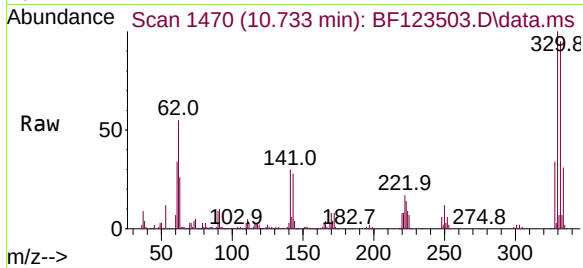




#65
4,6-Dinitro-2-methylphenol
Concen: 5.34 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.194 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

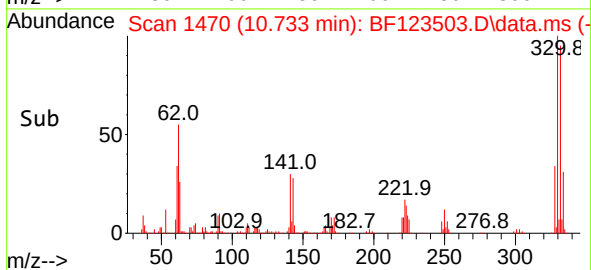
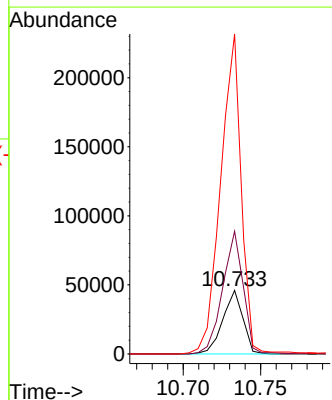
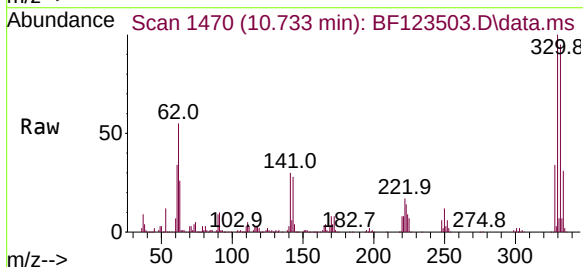
Instrument :
BNA_F
ClientSampled :
TP-1

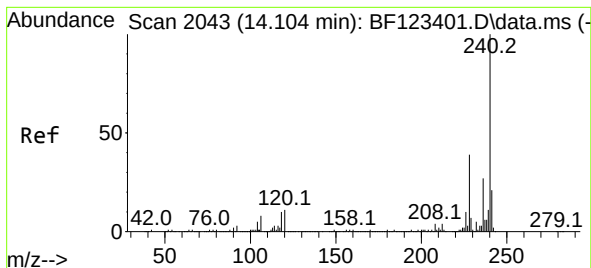
Tgt Ion:198 Resp: 1313
Ion Ratio Lower Upper
198 100
51 220.6 20.3 60.3#
105 218.3 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

Tgt Ion:248 Resp: 41681
Ion Ratio Lower Upper
248 100
250 193.3 76.8 115.2#
141 504.3 59.8 89.8#

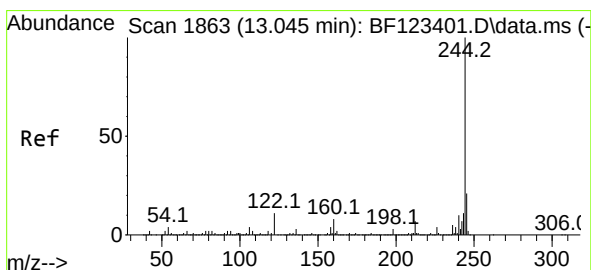
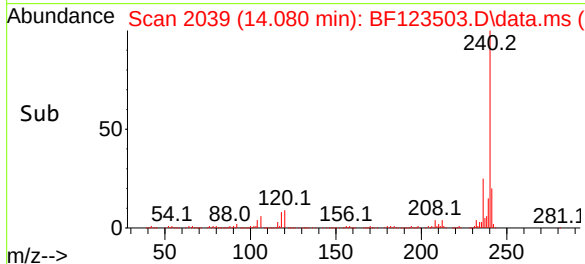
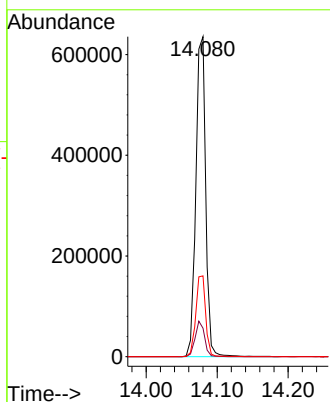
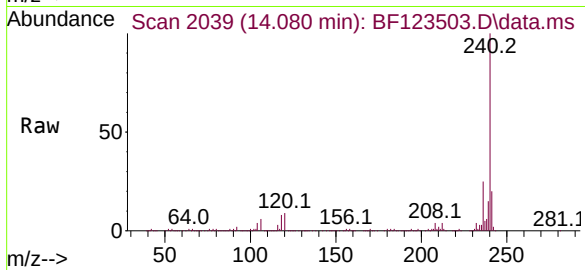




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

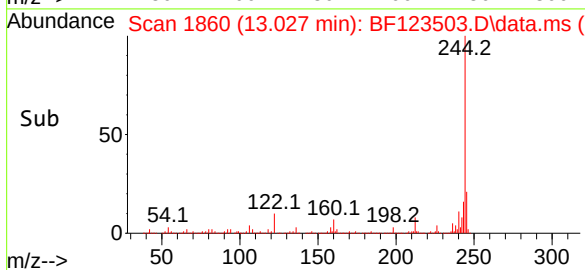
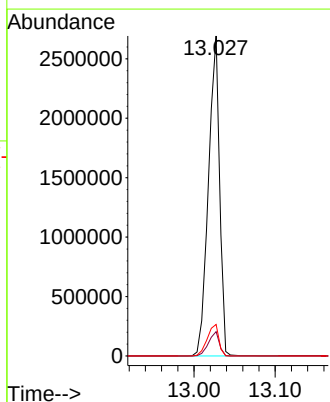
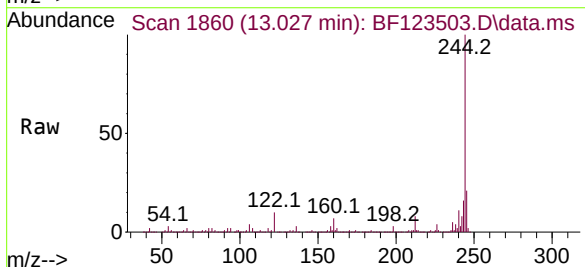
Instrument :
BNA_F
ClientSampleId :
TP-1

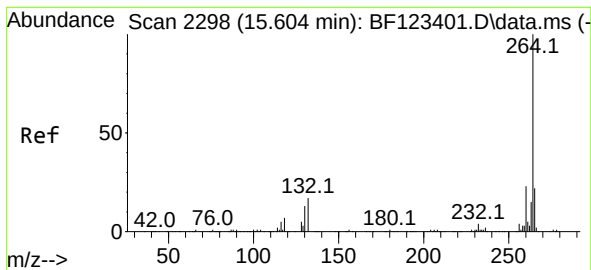
Tgt Ion:240 Resp: 614248
Ion Ratio Lower Upper
240 100
120 8.9 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 70.69 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF123503.D
Acq: 29 Mar 2021 19:15

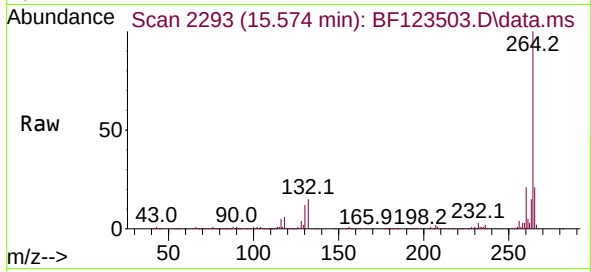
Tgt Ion:244 Resp: 2562049
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. -0.006 min
 Lab File: BF123503.D
 Acq: 29 Mar 2021 19:15

Instrument :
 BNA_F
 ClientSampled :
 TP-1



Tgt Ion:264 Resp: 521685

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.6	28.0
265	20.6	17.0	25.6

