

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
 Data File : BF123529.D
 Acq On : 30 Mar 2021 19:19
 Operator : JU/CG
 Sample : M1832-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IG001

Quant Time: Mar 31 04:09:43 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 30 11:51:25 2021
 Response via : Initial Calibration

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

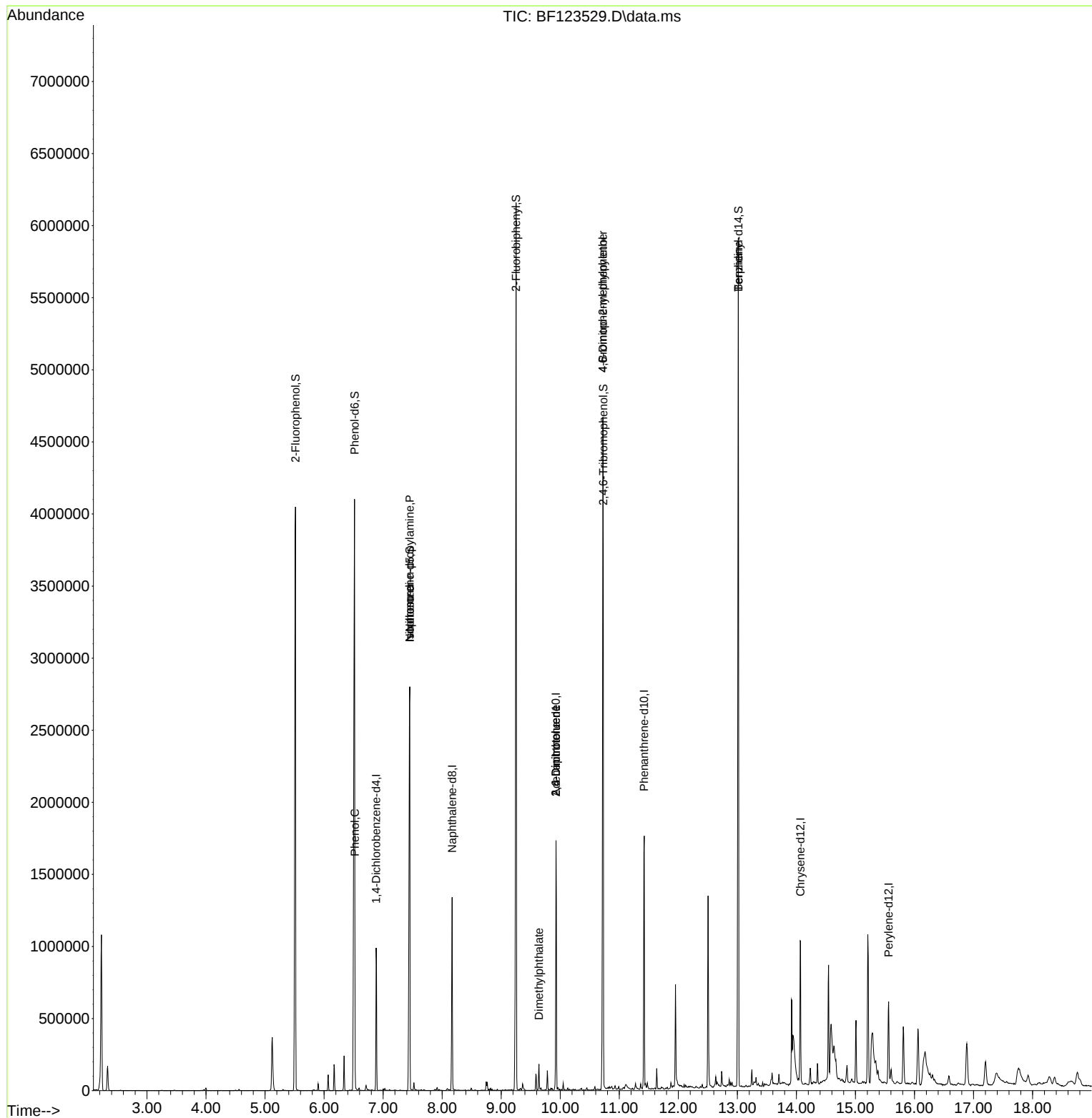
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	138817	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	524499	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	338973	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	627425	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	356297	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	268576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1083531	127.69	ng	0.01
7) Phenol-d6	6.516	99	1400089	123.95	ng	0.00
23) Nitrobenzene-d5	7.451	82	1011894	104.12	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	628298	165.79	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1875625	79.05	ng	0.00
79) Terphenyl-d14	13.015	244	1988717	94.60	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	815	Below Cal	#	72
10) Phenol	6.522	94	32392	2.79 ng	#	33
19) n-Nitroso-di-n-propyla...	7.451	70	144363	19.76 ng	#	79
25) Isophorone	7.451	82	997998	47.77 ng	#	65
50) Dimethylphthalate	9.639	163	57424	2.39 ng		99
51) 2,6-Dinitrotoluene	9.927	165	42875	8.52 ng	#	31
57) 2,4-Dinitrotoluene	9.927	165	42875	6.83 ng	#	25
65) 4,6-Dinitro-2-methylph...	10.721	198	1431	5.50 ng	#	1
67) 4-Bromophenyl-phenylether	10.721	248	35841	4.82 ng	#	1
77) Benzidine	13.015	184	27095	2.55 ng	#	93

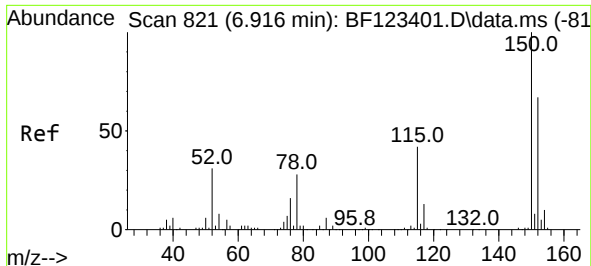
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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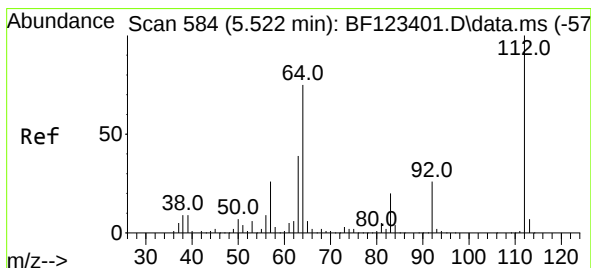
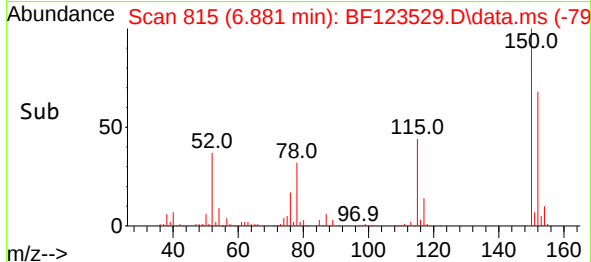
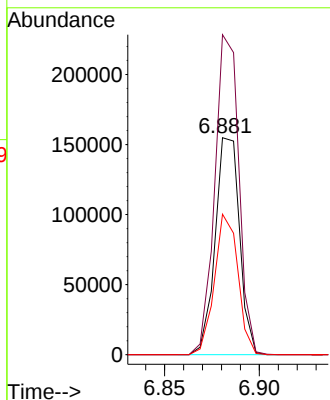
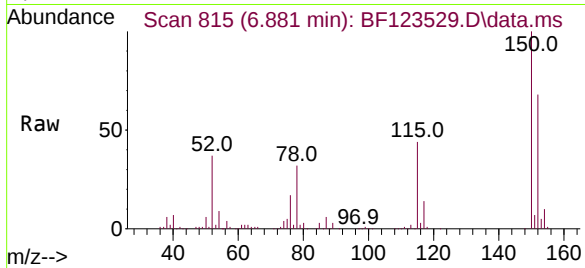




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

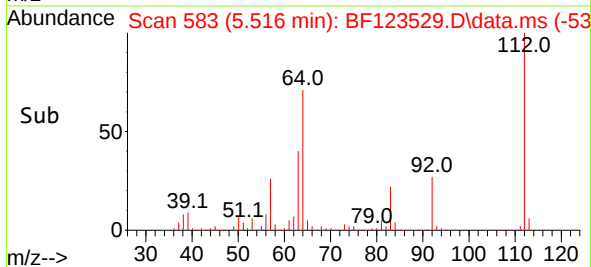
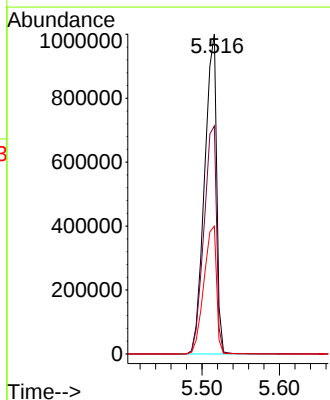
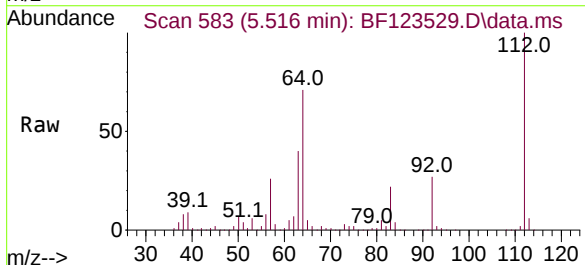
Instrument :
BNA_F
ClientSampleId :
IG001

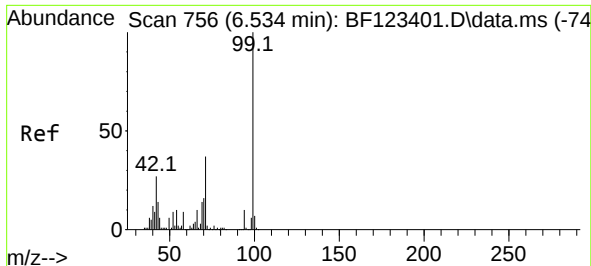
Tgt Ion:152 Resp: 138817
Ion Ratio Lower Upper
152 100
150 147.5 125.8 188.6
115 64.8 49.3 73.9



#5
2-Fluorophenol
Concen: 127.69 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion:112 Resp: 1083531
Ion Ratio Lower Upper
112 100
64 71.3 46.9 70.3#
63 40.0 24.5 36.7#

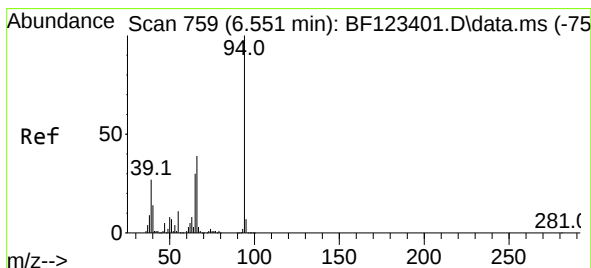
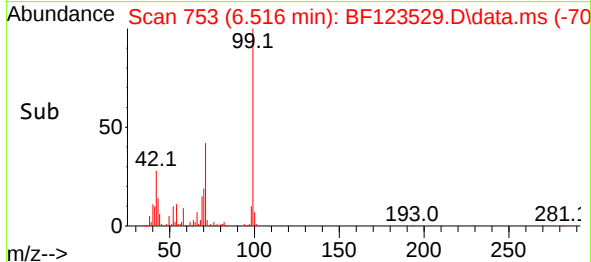
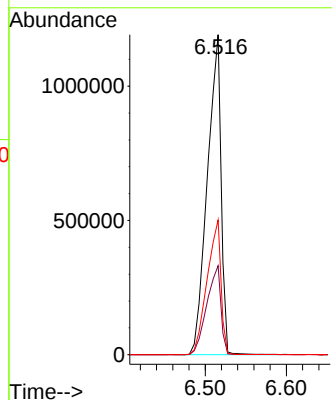
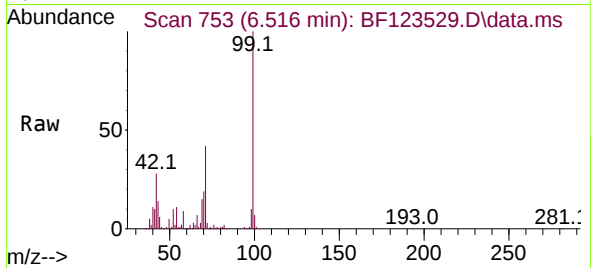




#7
Phenol-d6
Concen: 123.95 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

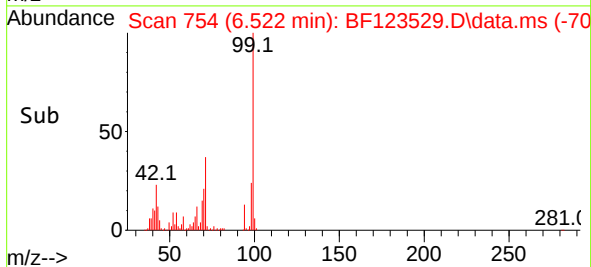
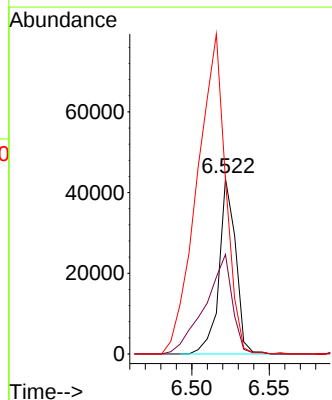
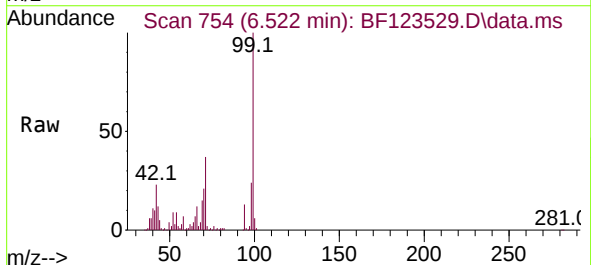
Instrument :
BNA_F
ClientSampleId :
IG001

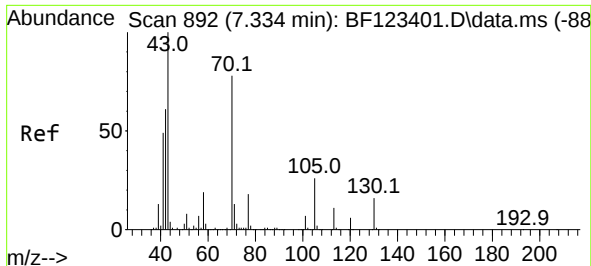
Tgt Ion: 99 Resp: 1400089
Ion Ratio Lower Upper
99 100
42 27.8 13.8 20.6#
71 42.1 26.9 40.3#



#10
Phenol
Concen: 2.79 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion: 94 Resp: 32392
Ion Ratio Lower Upper
94 100
65 56.7 11.2 51.2#
66 99.0 25.8 65.8#



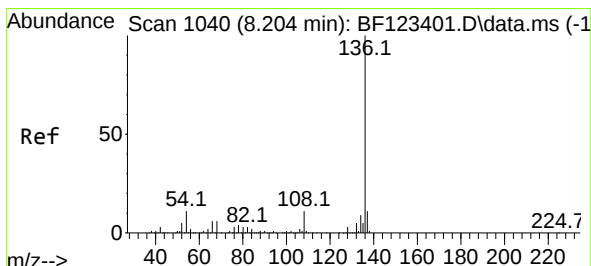
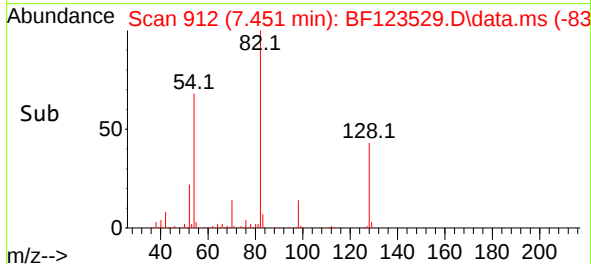
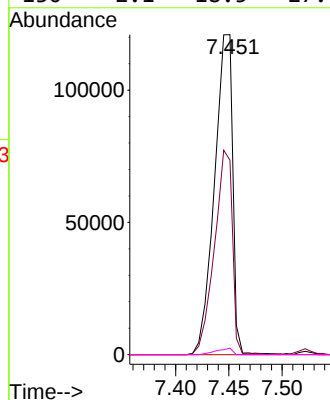
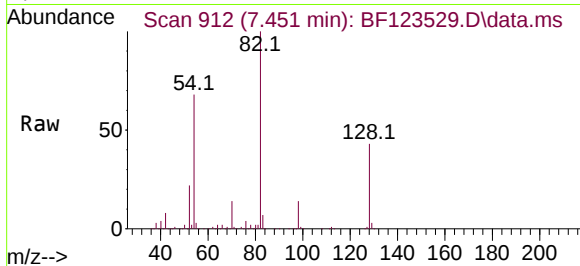


#19
n-Nitroso-di-n-propylamine
Concen: 19.76 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Instrument :
BNA_F
ClientSampleId :
IG001

Tgt Ion: 70 Resp: 144363

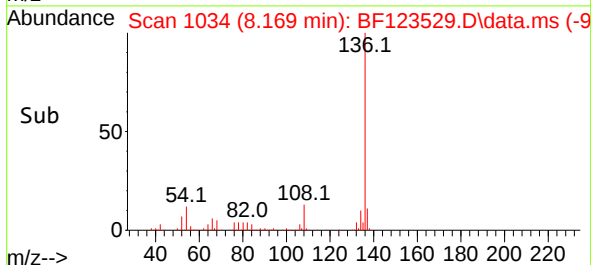
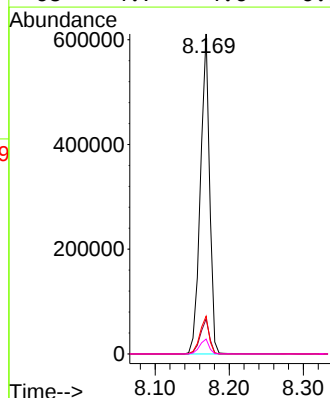
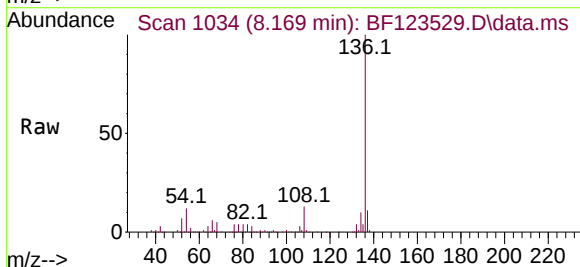
Ion	Ratio	Lower	Upper
70	100		
42	60.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#

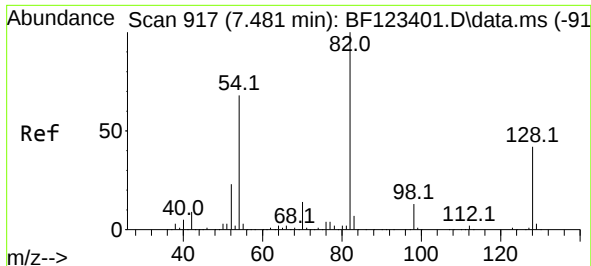


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion: 136 Resp: 524499

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.8	5.5	8.3#
68	4.7	4.6	6.8

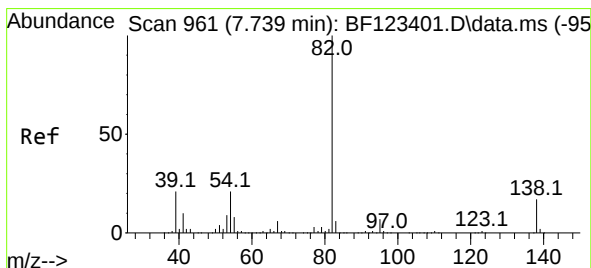
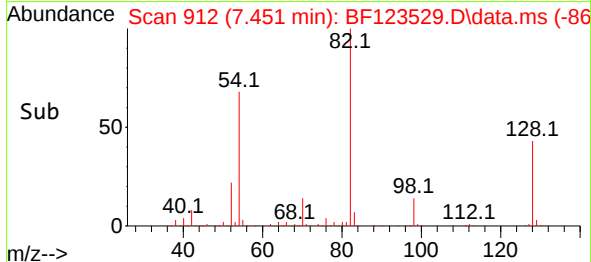
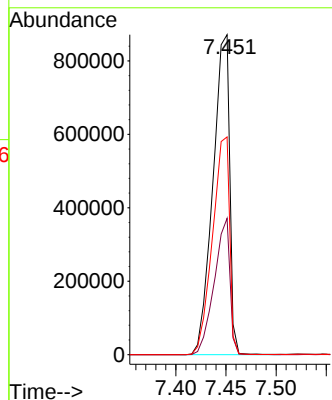
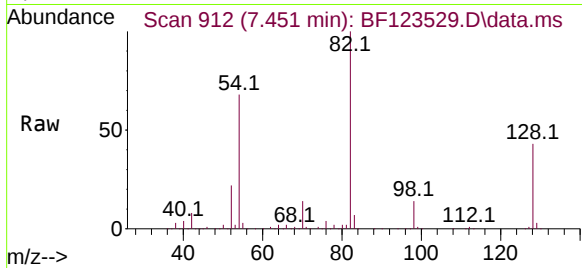




#23
Nitrobenzene-d5
Concen: 104.12 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

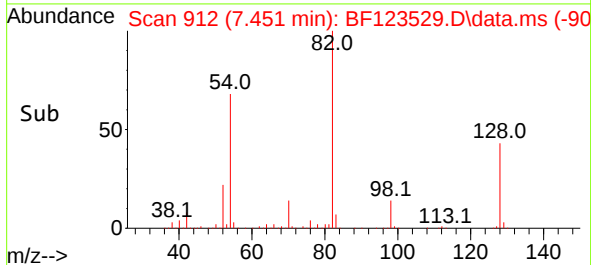
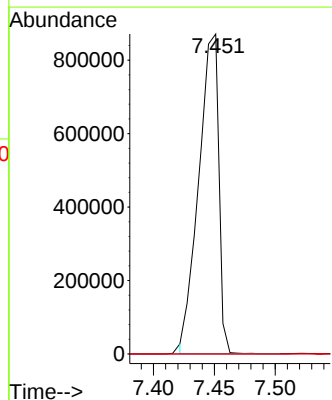
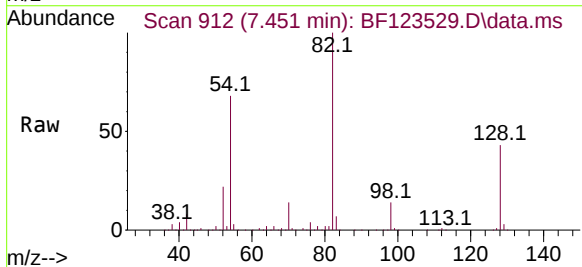
Instrument :
BNA_F
ClientSampleId :
IG001

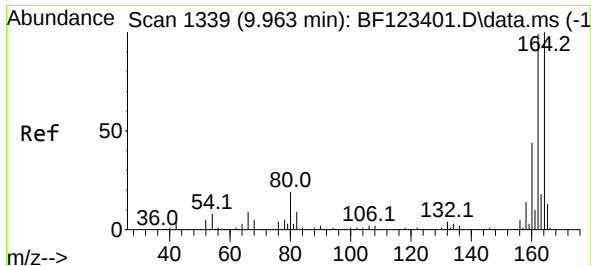
Tgt Ion: 82 Resp: 1011894
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.4
54 68.1 38.4 57.6#



#25
Isophorone
Concen: 47.77 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion: 82 Resp: 997998
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: 9.927 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF123529.D

Acq: 30 Mar 2021 19:19

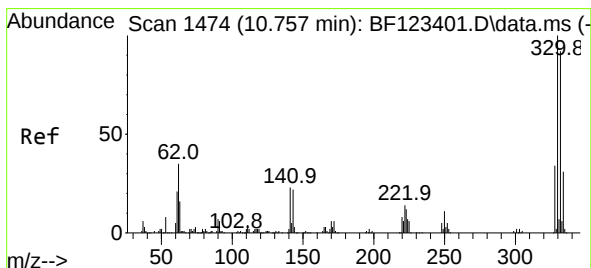
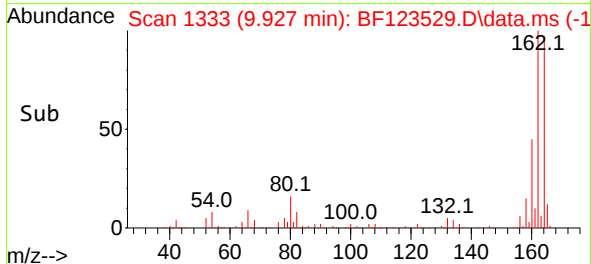
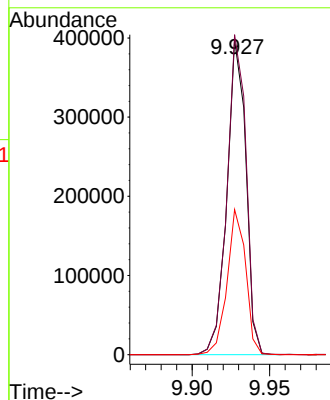
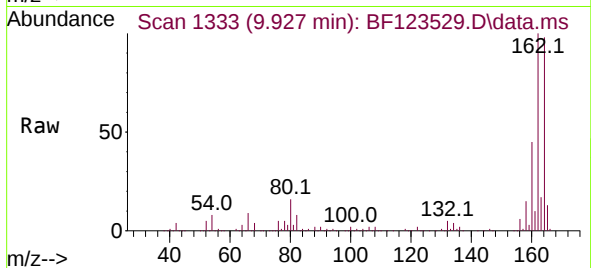
Tgt Ion:164 Resp: 338973

Ion Ratio Lower Upper

164 100

162 101.6 80.8 121.2

160 46.1 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 165.79 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.000 min

Lab File: BF123529.D

Acq: 30 Mar 2021 19:19

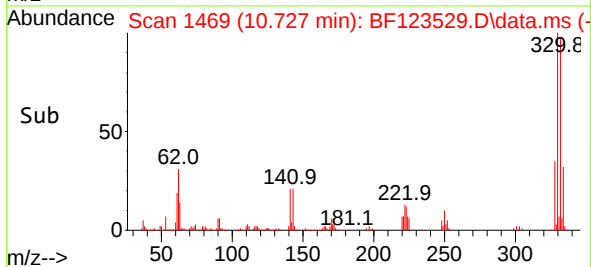
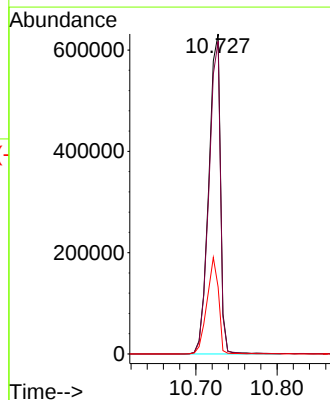
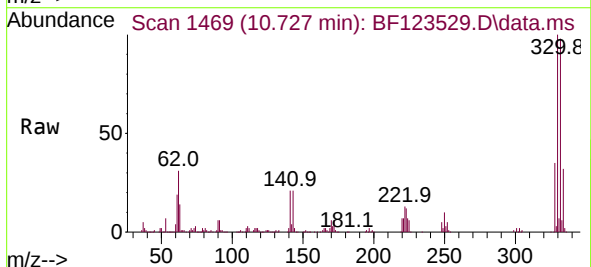
Tgt Ion:330 Resp: 628298

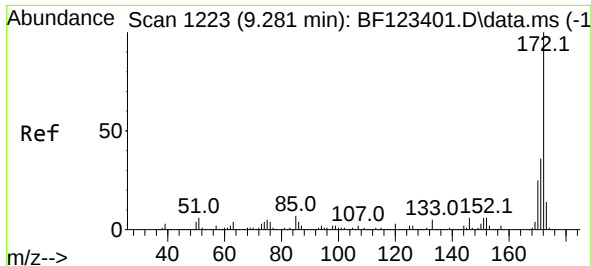
Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

141 30.0 23.8 35.8

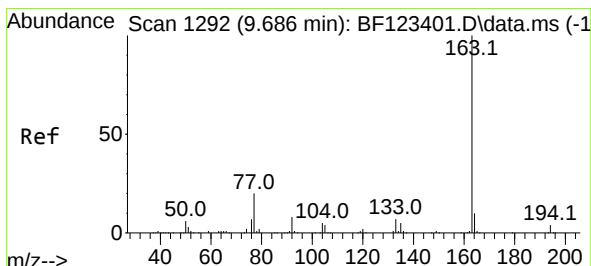
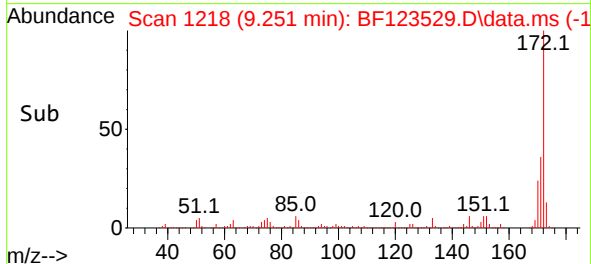
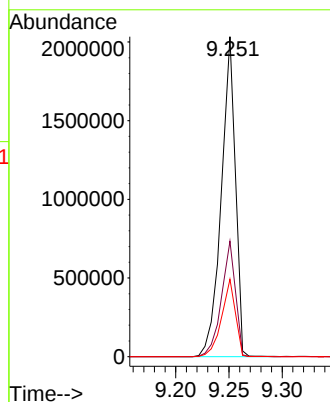
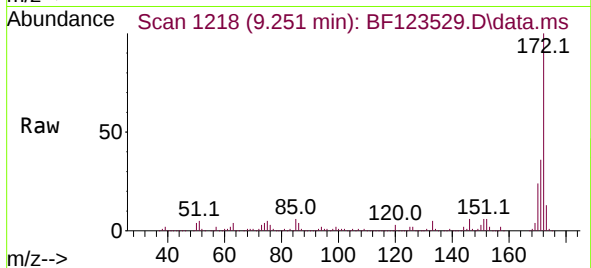




#45
2-Fluorobiphenyl
Concen: 79.05 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

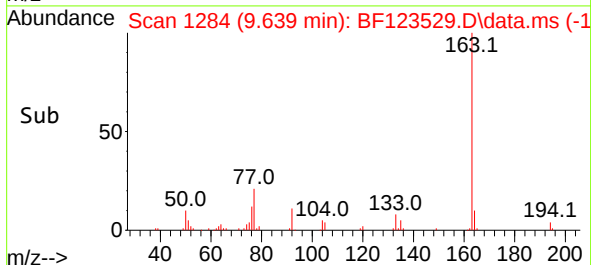
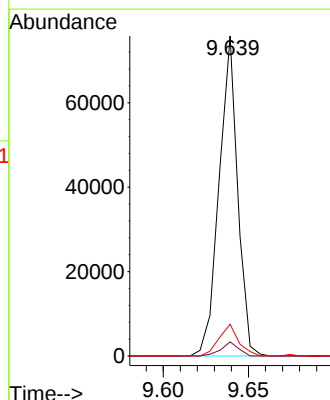
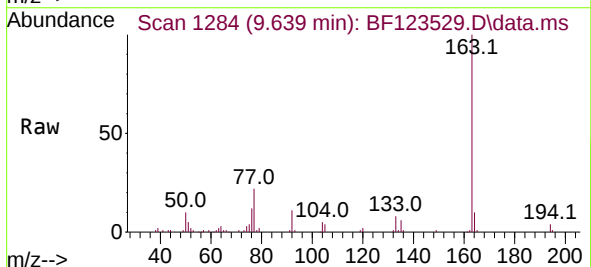
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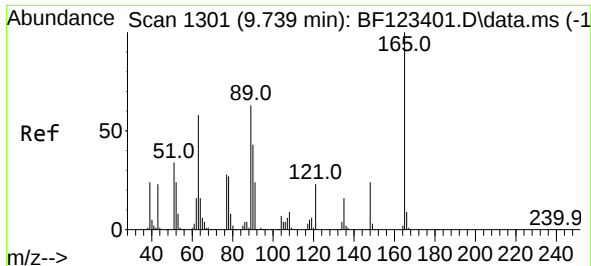
Tgt Ion:172 Resp: 1875625
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 2.39 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion:163 Resp: 57424
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.9 8.1 12.1

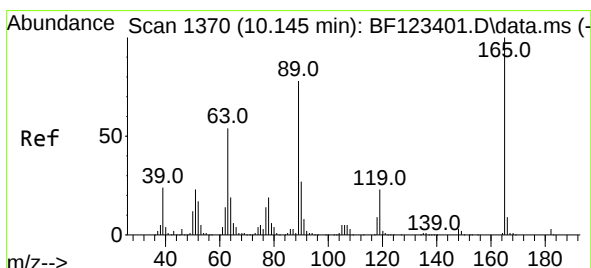
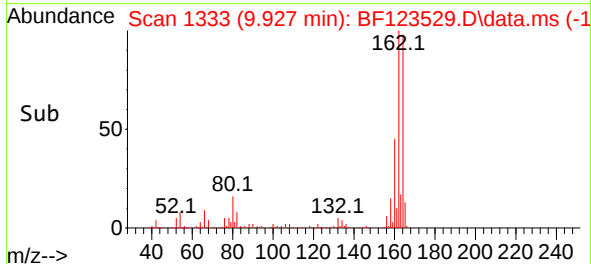
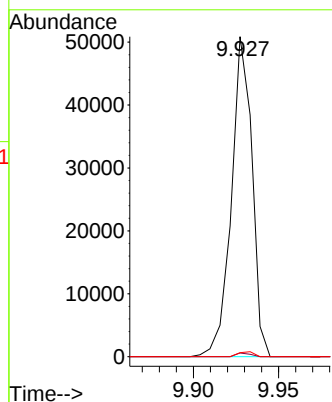
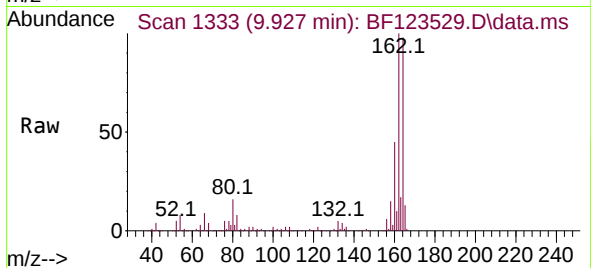




#51
2,6-Dinitrotoluene
Concen: 8.52 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

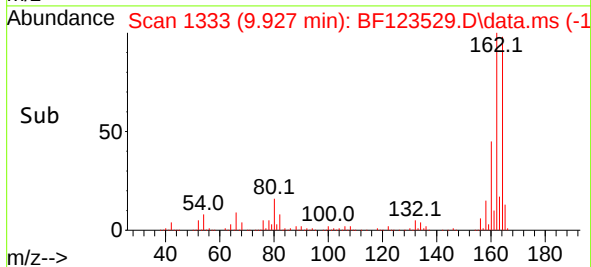
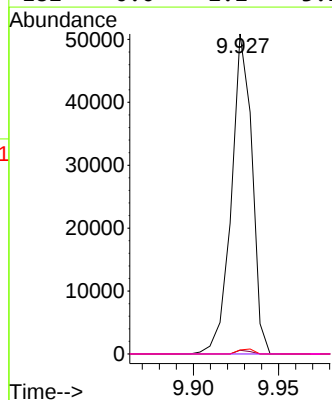
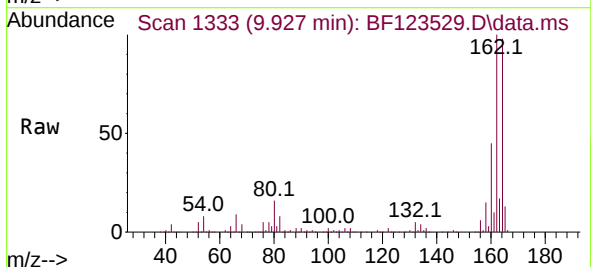
Instrument :
BNA_F
ClientSampleId :
IG001

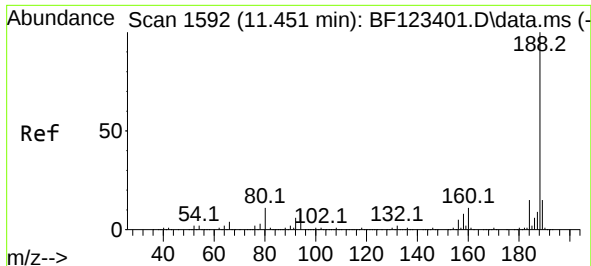
Tgt Ion:165 Resp: 42875
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion:165 Resp: 42875
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

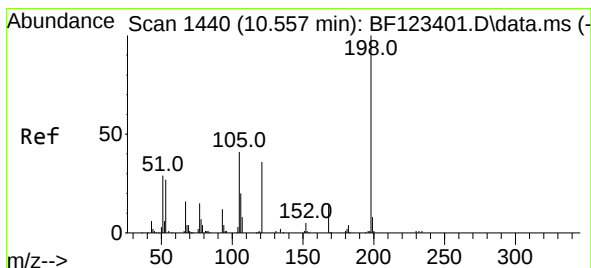
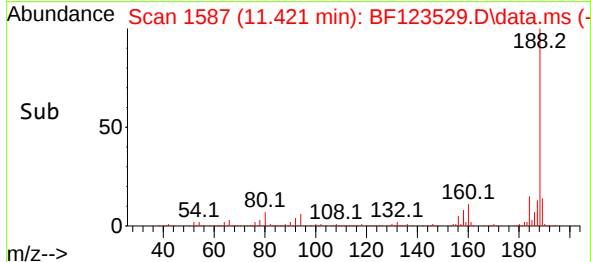
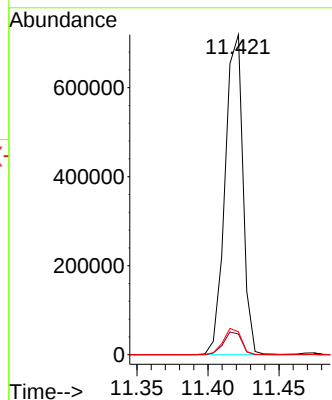
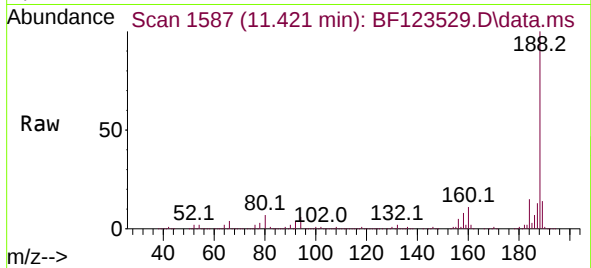




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

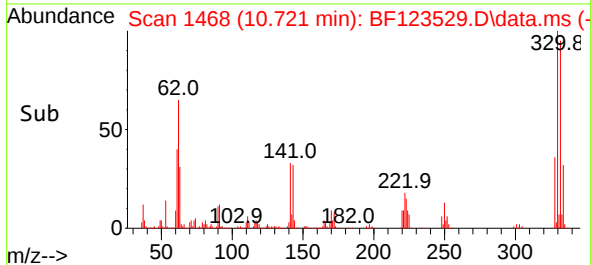
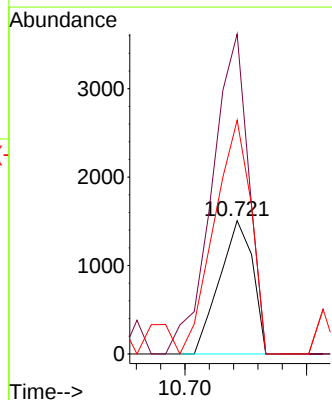
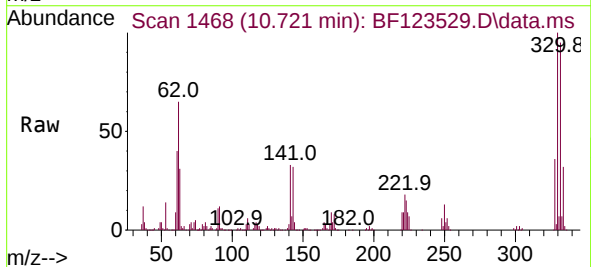
Instrument :
BNA_F
ClientSampleId :
IG001

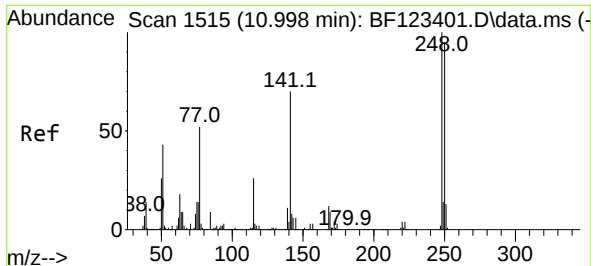
Tgt Ion:188 Resp: 627425
Ion Ratio Lower Upper
188 100
94 6.4 7.4 11.2#
80 7.2 8.2 12.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.50 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion:198 Resp: 1431
Ion Ratio Lower Upper
198 100
51 240.1 20.3 60.3#
105 175.4 23.0 63.0#

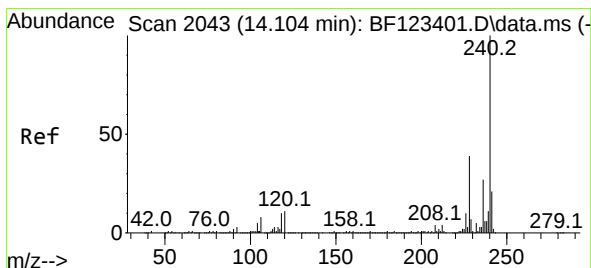
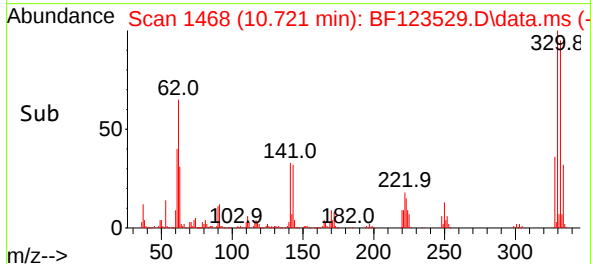
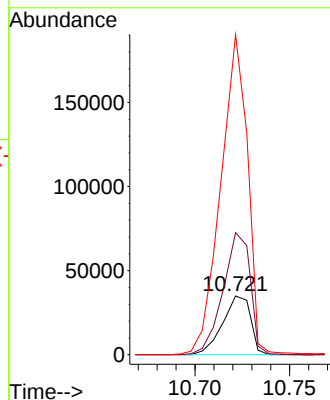
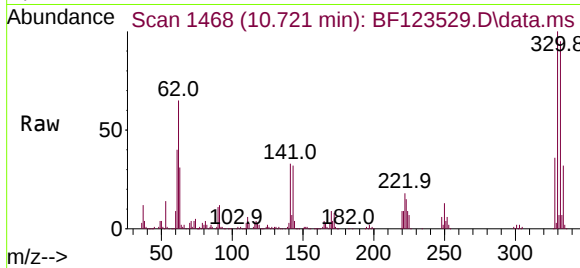




#67
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

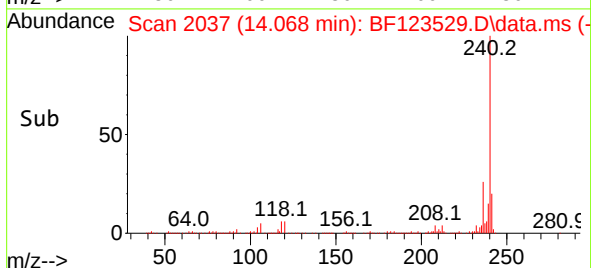
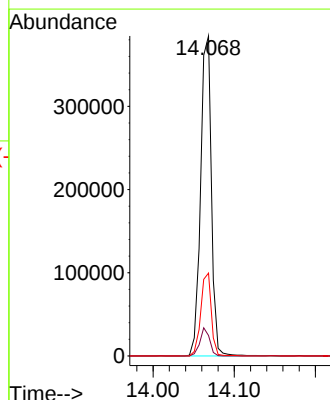
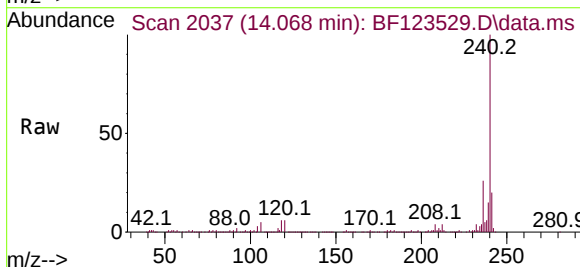
Instrument :
BNA_F
ClientSampleId :
IG001

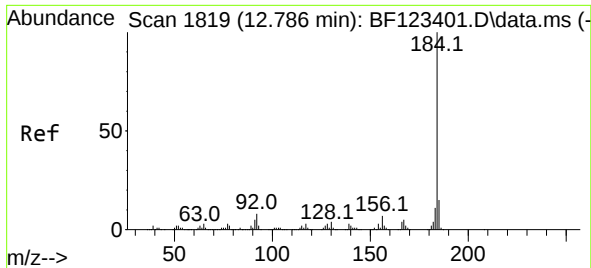
Tgt Ion:248 Resp: 35841
Ion Ratio Lower Upper
248 100
250 207.8 76.8 115.2#
141 544.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Tgt Ion:240 Resp: 356297
Ion Ratio Lower Upper
240 100
120 6.4 8.6 12.8#
236 25.9 20.3 30.5

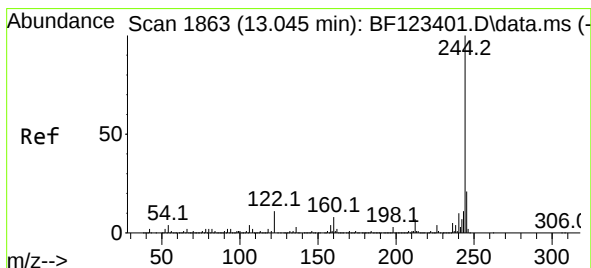
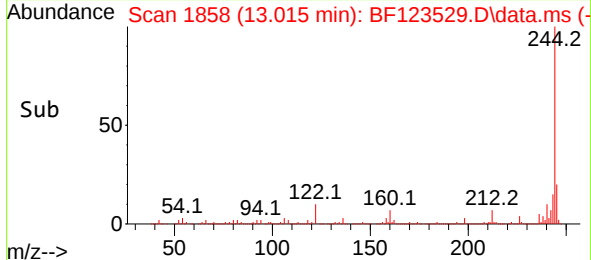
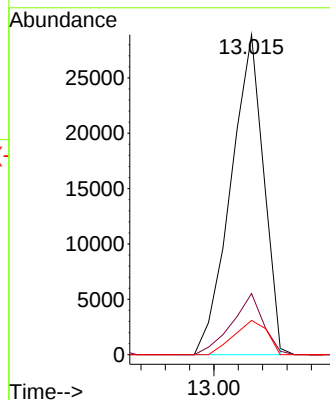
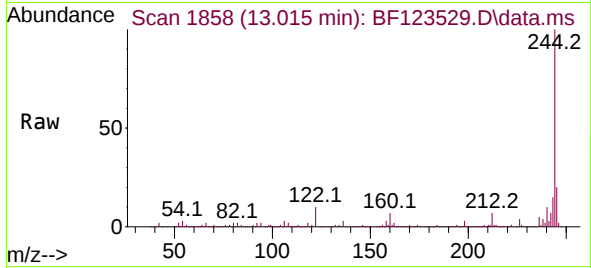




#77
Benzidine
Concen: 2.55 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

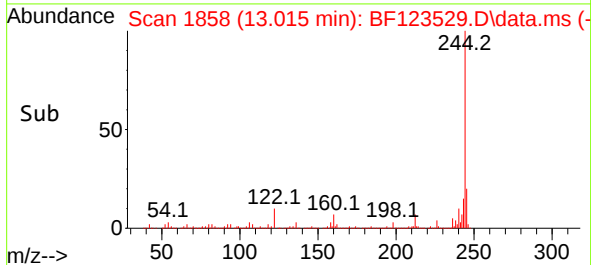
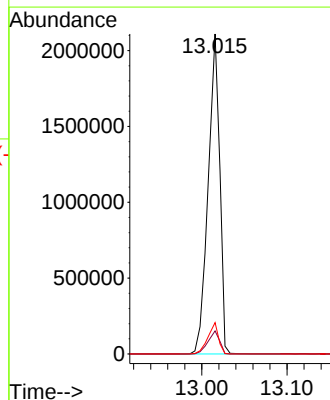
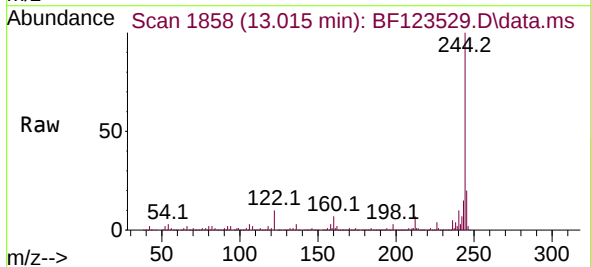
Instrument :
BNA_F
ClientSampleId :
IG001

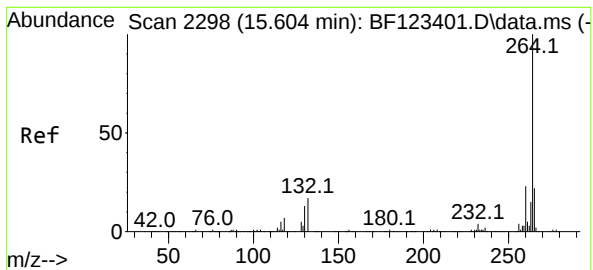
Tgt Ion:184 Resp: 27095
Ion Ratio Lower Upper
184 100
185 19.1 11.8 17.6#
183 10.7 9.7 14.5



#79
Terphenyl-d14
Concen: 94.60 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

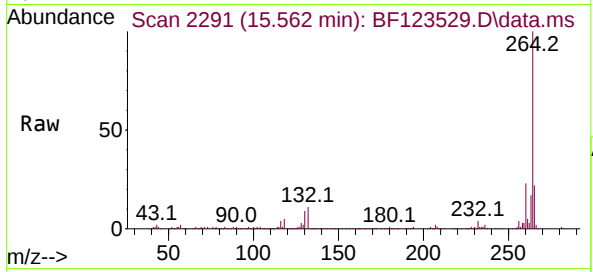
Tgt Ion:244 Resp: 1988717
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.8 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123529.D
Acq: 30 Mar 2021 19:19

Instrument :
BNA_F
ClientSampleId :
IG001



Tgt Ion:	264	Resp:	268576
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	21.8	17.0	25.6

