

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
 Data File : BF123050.D
 Acq On : 27 Jan 2021 19:28
 Operator : JU/CG
 Sample : M1150-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jan 27 23:39:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 16:56:08 2021
 Response via : Initial Calibration

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

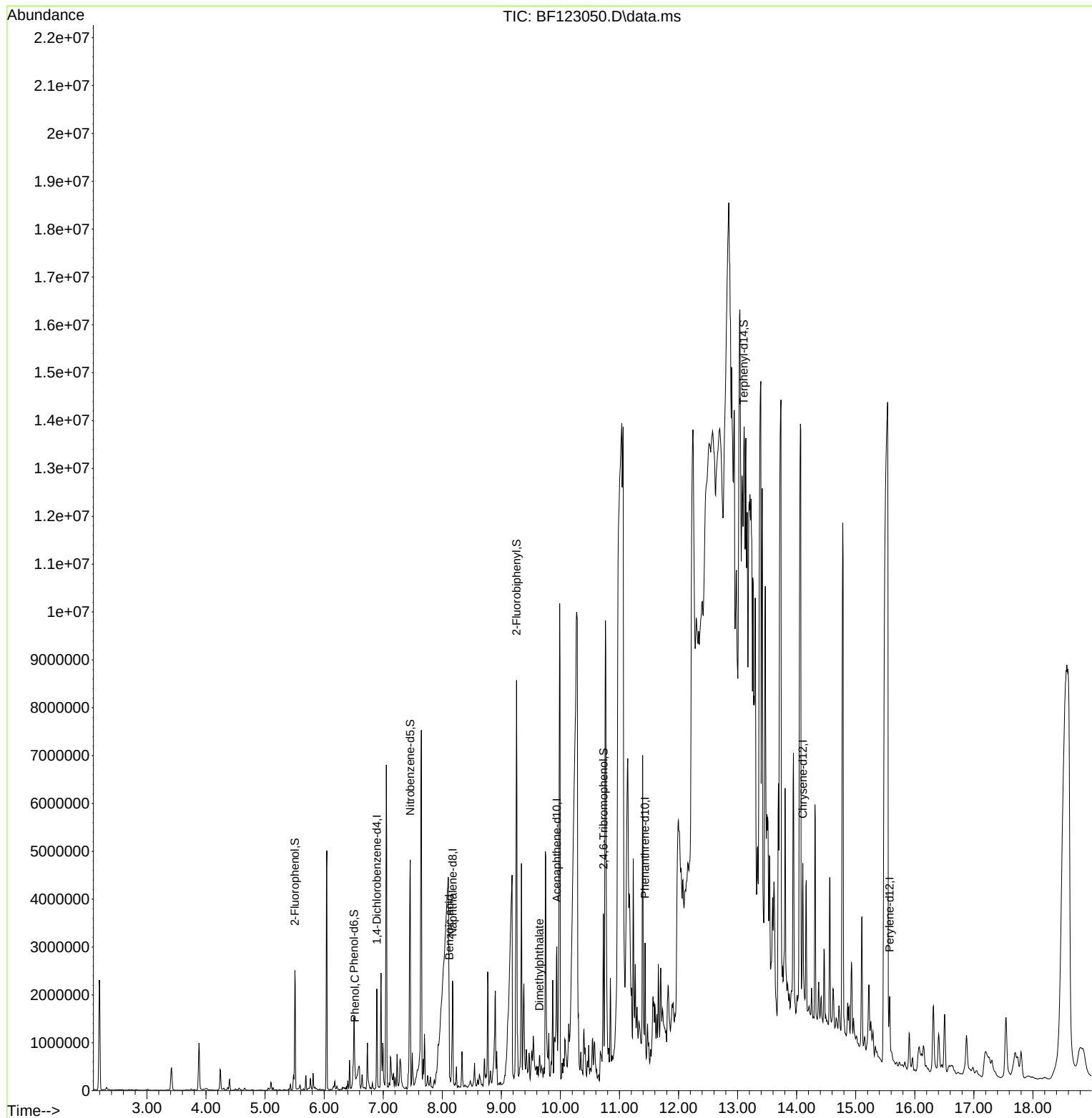
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	275928	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1021572	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	487679	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	776512	20.00	ng	0.00
76) Chrysene-d12	14.104	240	544457	20.00	ng	0.02
86) Perylene-d12	15.574	264	558119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	677313	37.86	ng	0.00
7) Phenol-d6	6.504	99	491553	20.27	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1878710	92.55	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	401941	75.92	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3071923	93.64	ng	0.00
79) Terphenyl-d14	13.104	244	2202571	79.48	ng	0.08
Target Compounds						Qvalue
10) Phenol	6.522	94	94533	3.93	ng	82
32) Benzoic acid	8.116	122	1052286	80.06	ng	# 82
50) Dimethylphthalate	9.645	163	84399	2.21	ng	99

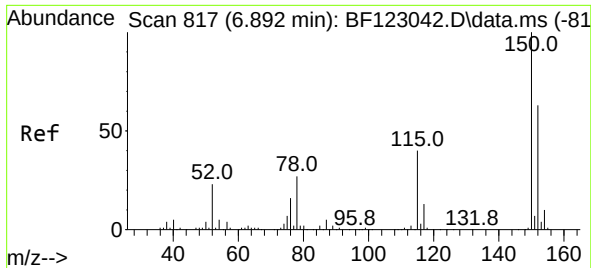
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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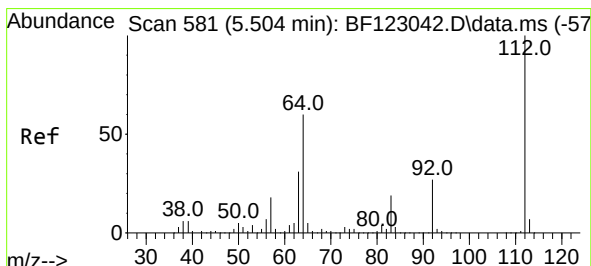
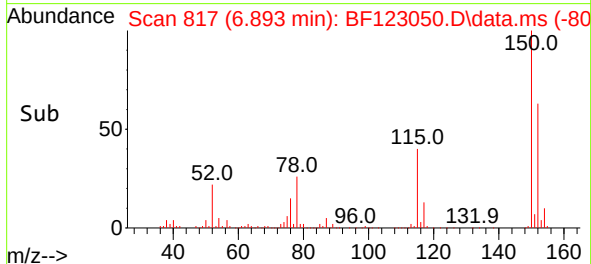
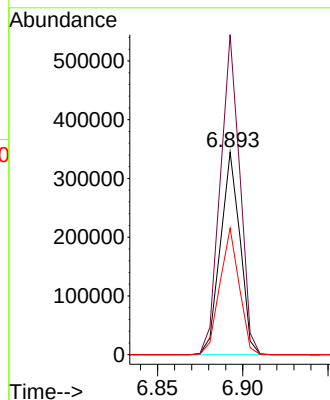
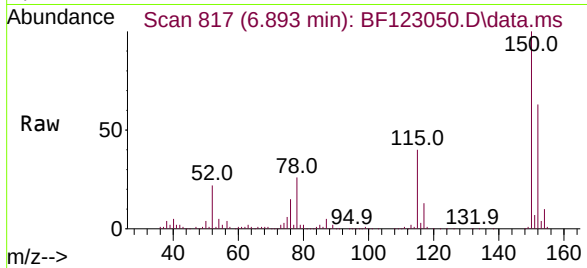




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

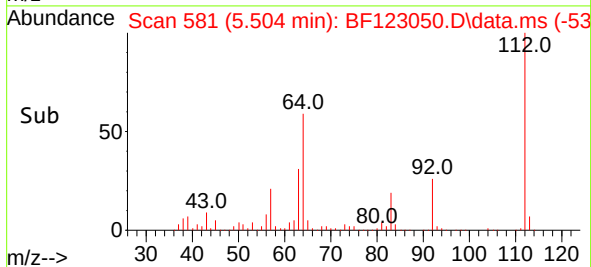
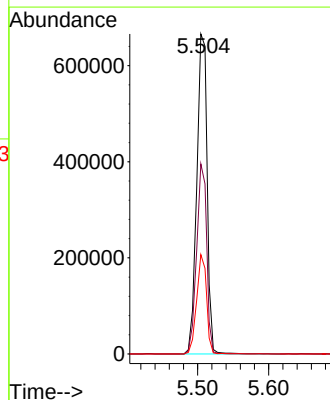
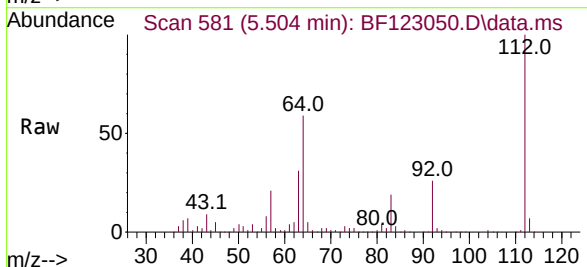
Instrument :
BNA_F
ClientSampleId :
EFF-WW

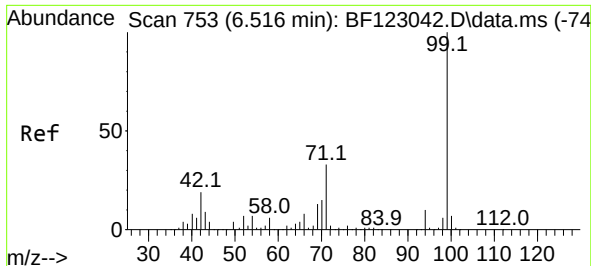
Tgt Ion:152 Resp: 275928
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 62.5 49.3 73.9



#5
2-Fluorophenol
Concen: 37.86 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:112 Resp: 677313
Ion Ratio Lower Upper
112 100
64 59.4 46.9 70.3
63 31.1 24.5 36.7

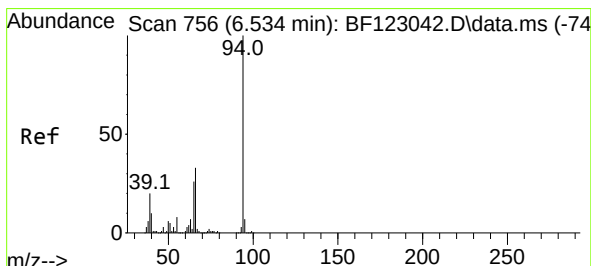
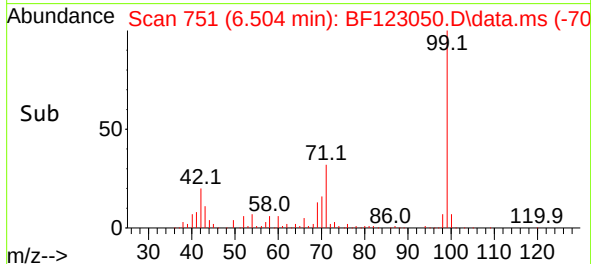
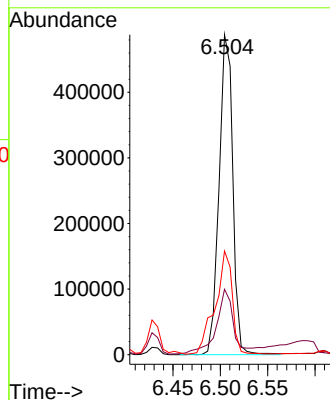
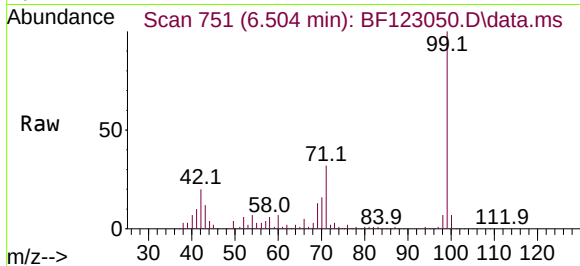




#7
Phenol-d6
Concen: 20.27 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

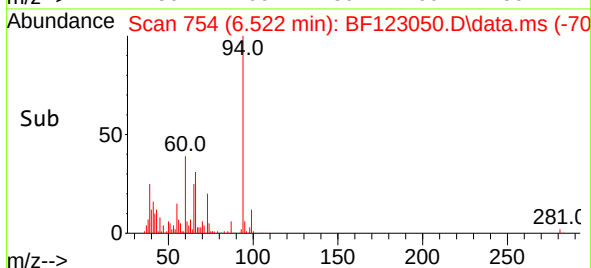
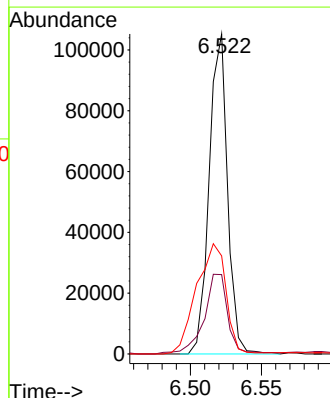
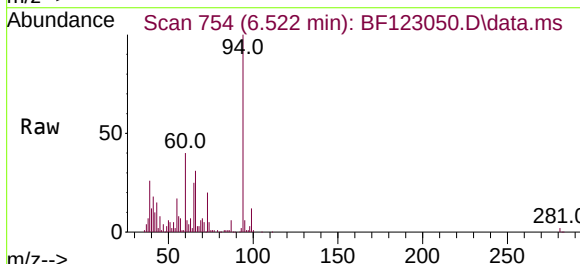
Instrument :
BNA_F
ClientSampleId :
EFF-WW

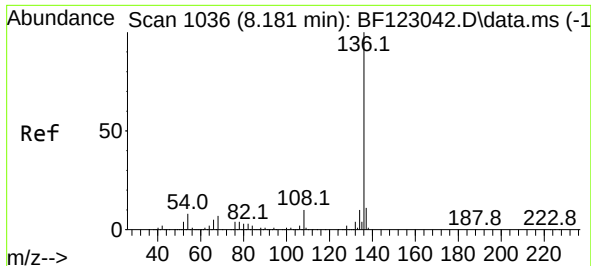
Tgt Ion:	99	Resp:	491553
Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.8	20.6
71	32.4	26.9	40.3



#10
Phenol
Concen: 3.93 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:	94	Resp:	94533
Ion	Ratio	Lower	Upper
94	100		
65	24.8	11.2	51.2
66	30.6	25.8	65.8

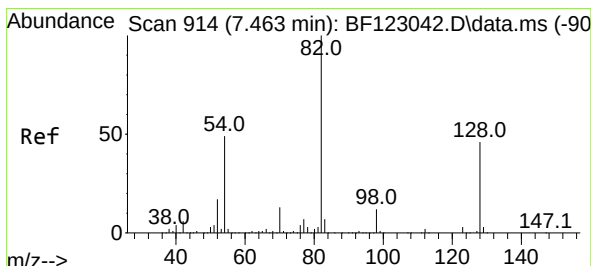
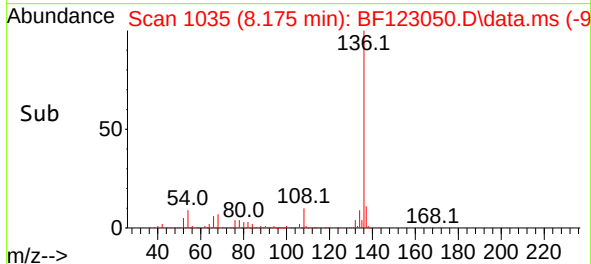
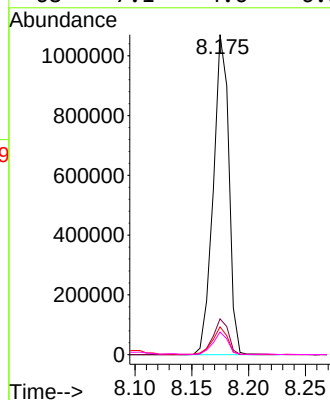
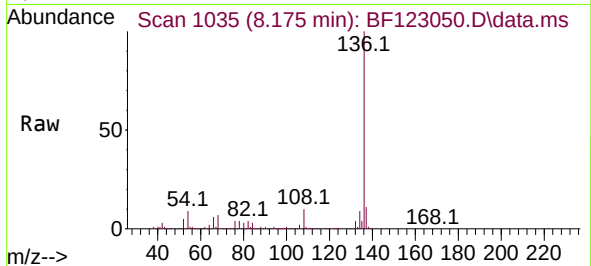




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

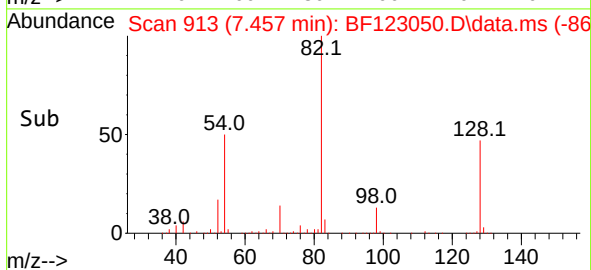
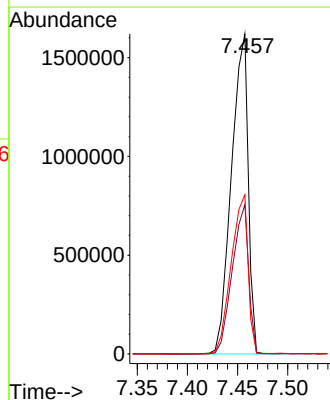
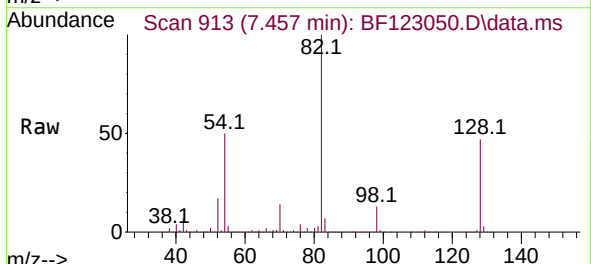
Instrument :
BNA_F
ClientSampleId :
EFF-WW

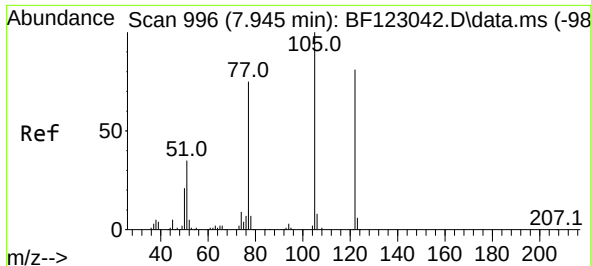
Tgt Ion:136 Resp: 1021572
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 5.5 8.3#
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 92.55 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion: 82 Resp: 1878710
Ion Ratio Lower Upper
82 100
128 46.6 37.0 55.4
54 49.7 38.4 57.6

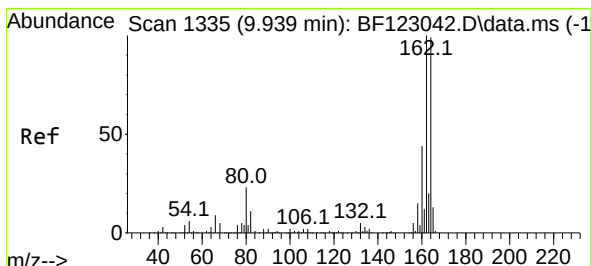
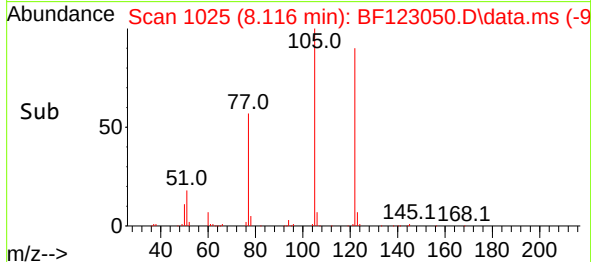
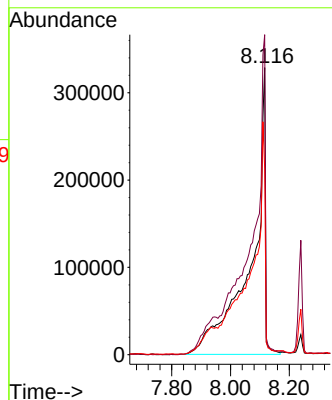
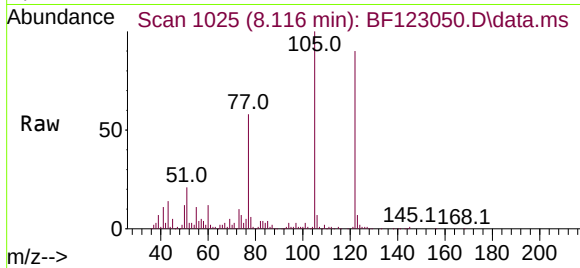




#32
Benzoic acid
Concen: 80.06 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.171 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

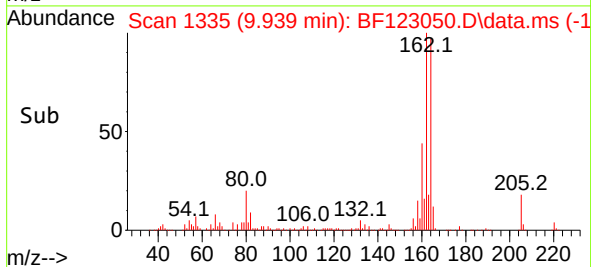
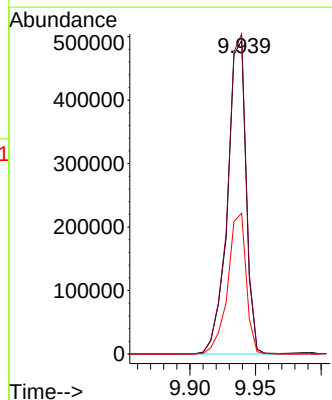
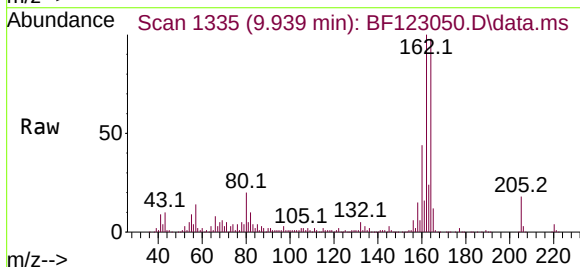
Instrument :
BNA_F
ClientSampleId :
EFF-WW

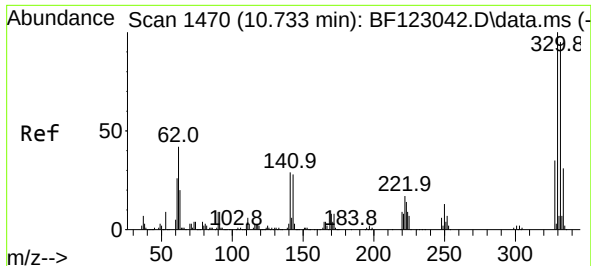
Tgt Ion:122 Resp: 1052286
Ion Ratio Lower Upper
122 100
105 111.5 104.8 144.8
77 64.7 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:164 Resp: 487679
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.9 35.4 53.0

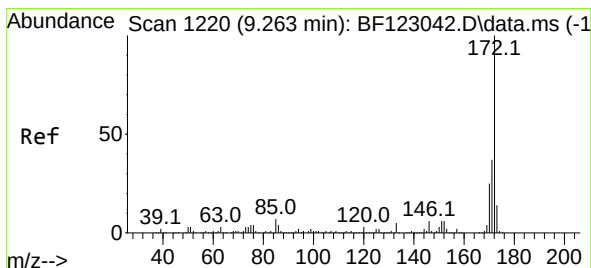
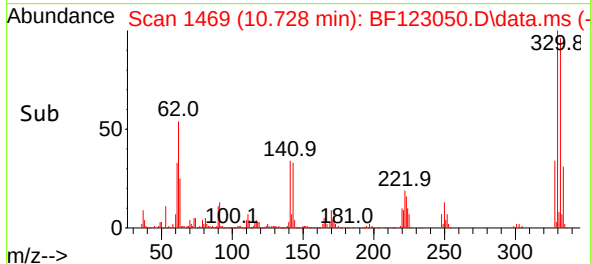
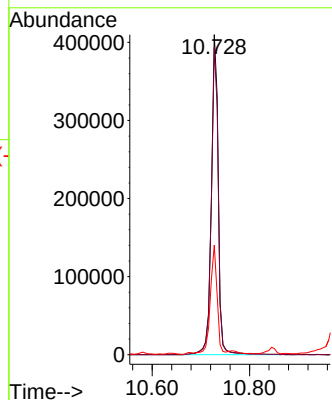
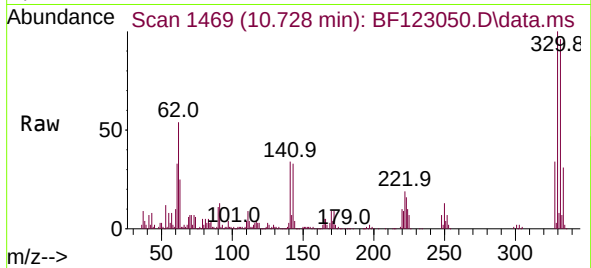




#42
2,4,6-Tribromophenol
Concen: 75.92 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

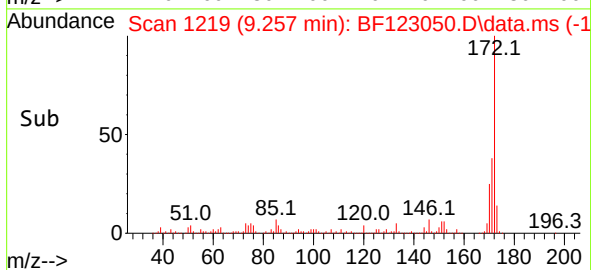
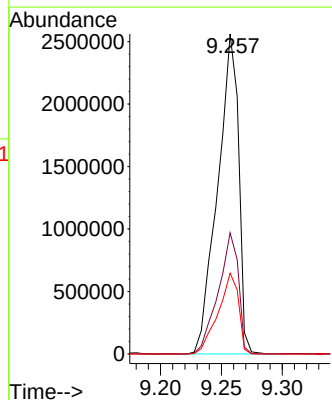
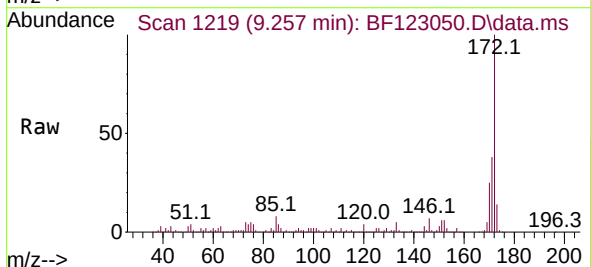
Instrument :
BNA_F
ClientSampleId :
EFF-WW

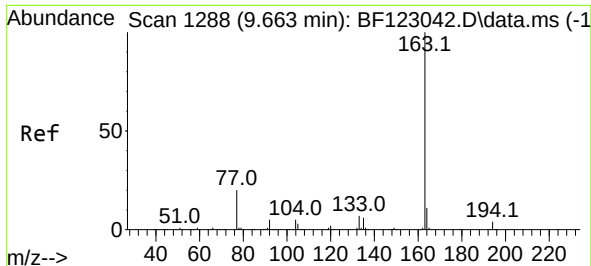
Tgt Ion: 330 Resp: 401941
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 32.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 93.64 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion: 172 Resp: 3071923
Ion Ratio Lower Upper
172 100
171 37.9 29.6 44.4
170 25.3 19.5 29.3

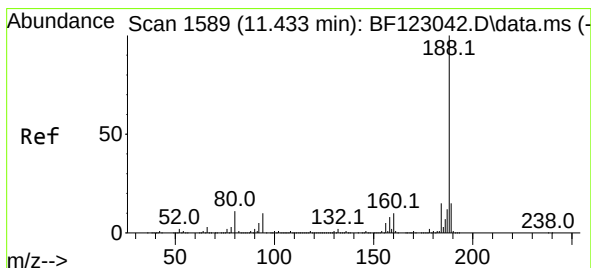
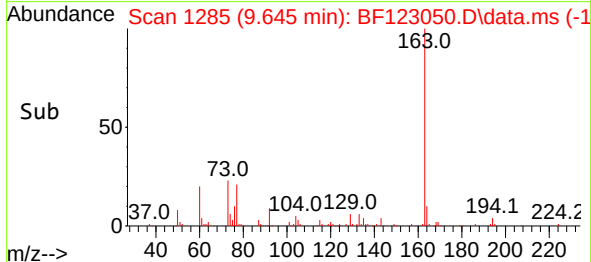
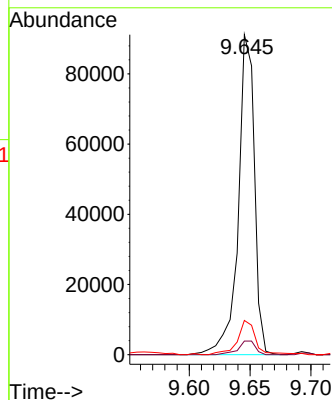
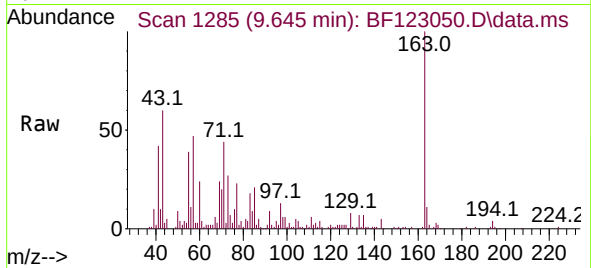




#50
Dimethylphthalate
Concen: 2.21 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

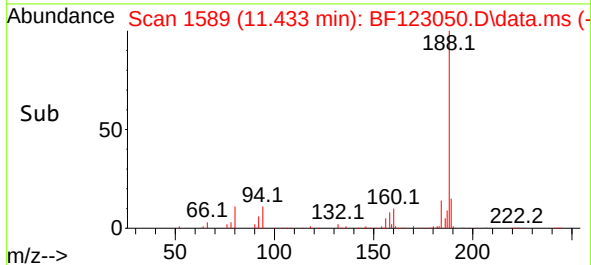
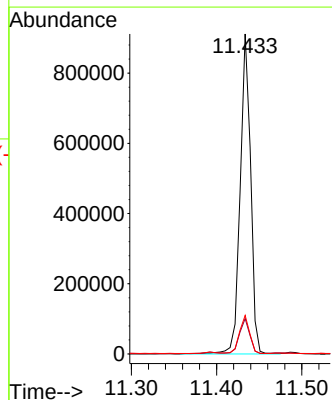
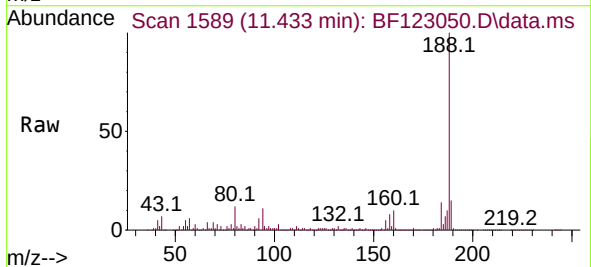
Instrument :
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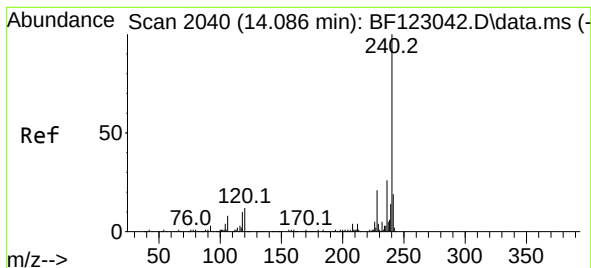
Tgt Ion:163 Resp: 84399
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.7 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:188 Resp: 776512
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.2
80 12.1 8.2 12.4





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.018 min

Lab File: BF123050.D

Acq: 27 Jan 2021 19:28

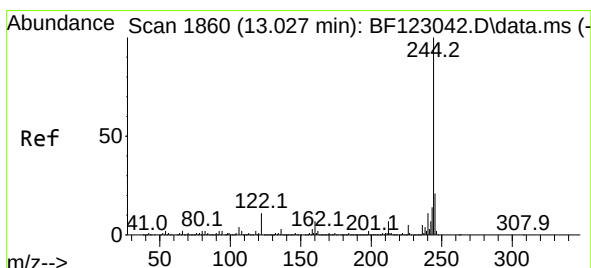
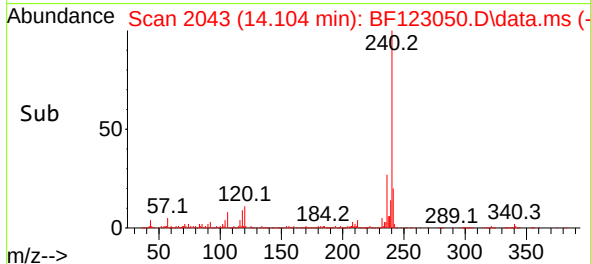
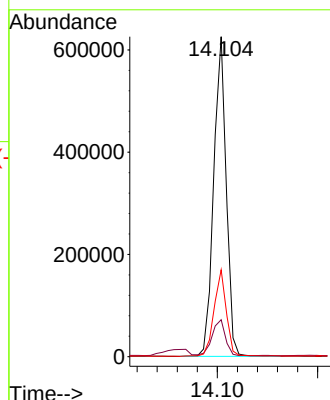
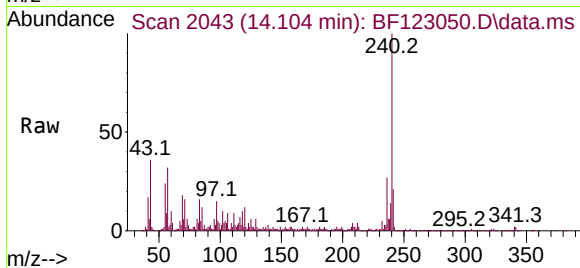
Tgt Ion:240	Resp: 544457
Ion Ratio	Lower Upper
240 100	
120 11.6	8.6 12.8
236 27.1	20.3 30.5

Instrument :

BNA_F

ClientSampleId :

EFF-WW



#79

Terphenyl-d14

Concen: 79.48 ng

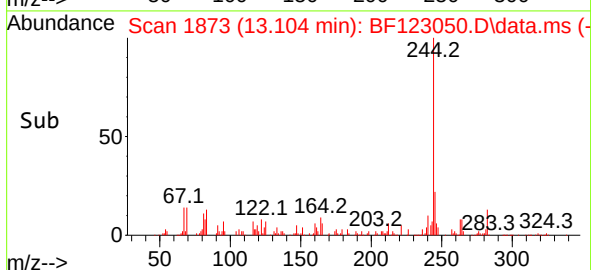
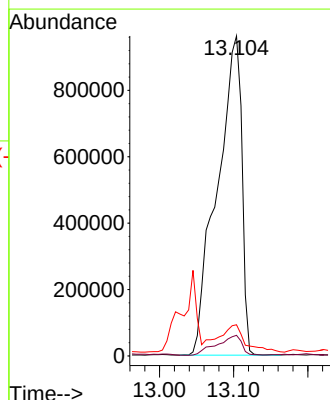
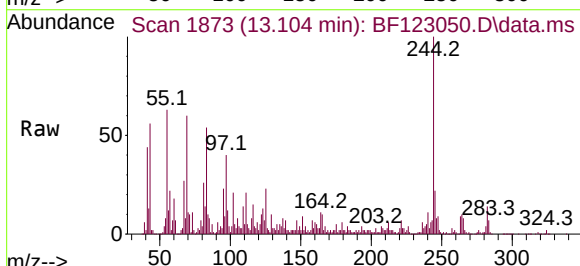
RT: 13.104 min Scan# 1873

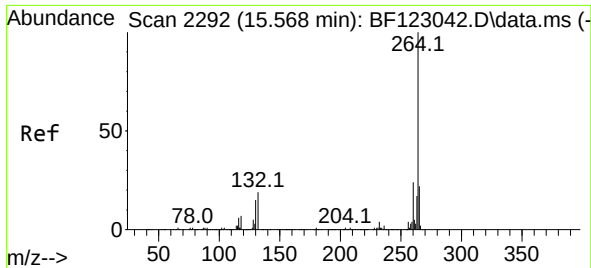
Delta R.T. 0.077 min

Lab File: BF123050.D

Acq: 27 Jan 2021 19:28

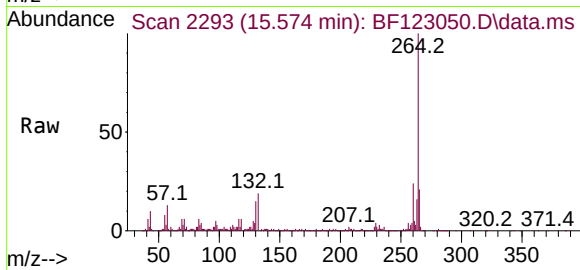
Tgt Ion:244	Resp: 2202571
Ion Ratio	Lower Upper
244 100	
212 6.5	5.7 8.5
122 9.8	8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:264 Resp: 558119

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.3	17.0	25.6

