

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112153.D
 Acq On : 21 Jan 2019 12:39
 Operator : JU/SJ
 Sample : K1205-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Quant Time: Jan 21 13:41:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

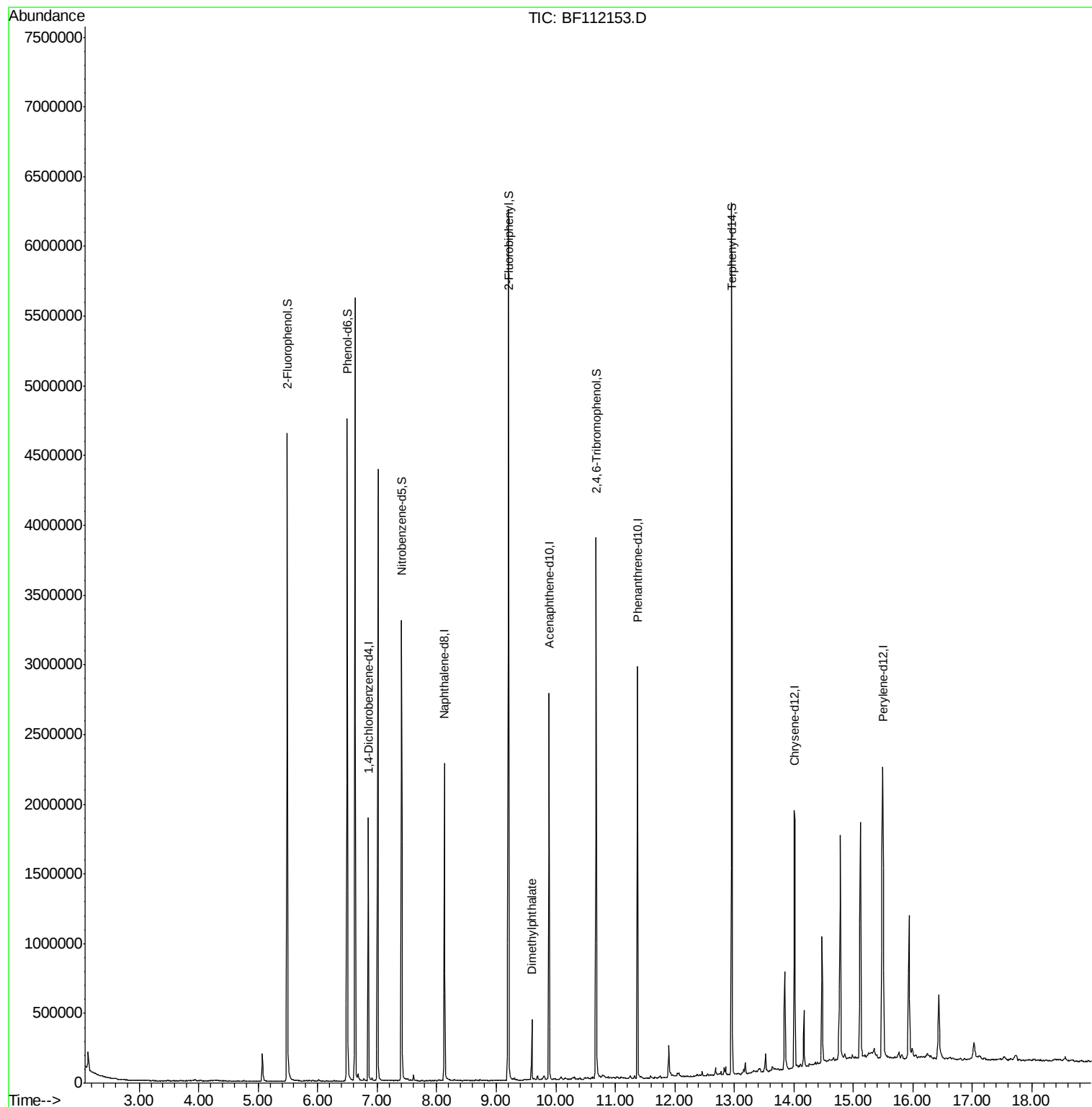
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	273802	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1067926	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	540552	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1019648	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	652859	20.00	ng	-0.02
87) Perylene-d12	15.49	264	627799	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1344508	89.13	ng	0.00
7) Phenol-d6	6.50	99	1687056	89.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	1064786	68.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	541815	92.91	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2173738	58.96	ng	0.00
79) Terphenyl-d14	12.96	244	2035868	66.34	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.60	163	185078	4.695	ng	Qvalue 99

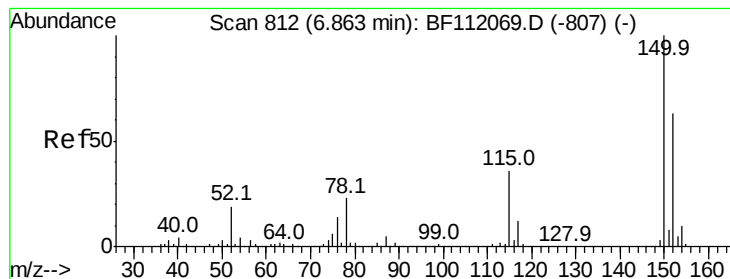
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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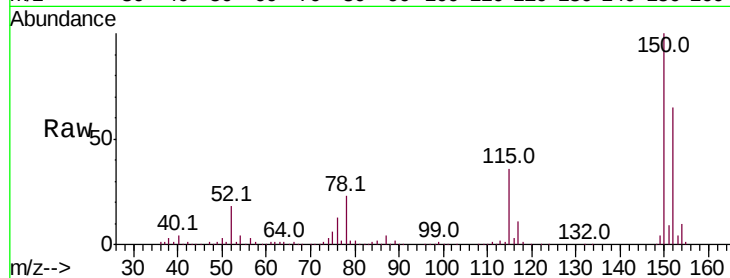


#1

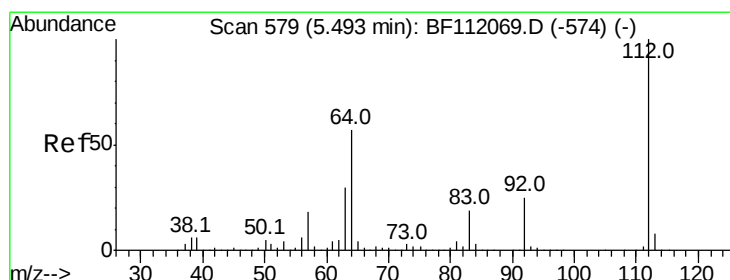
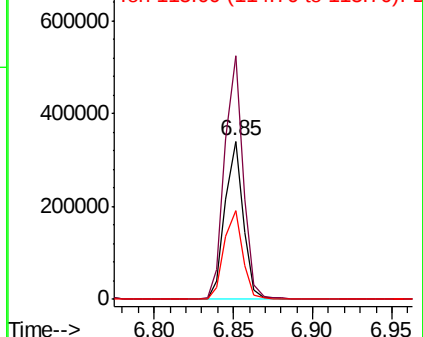
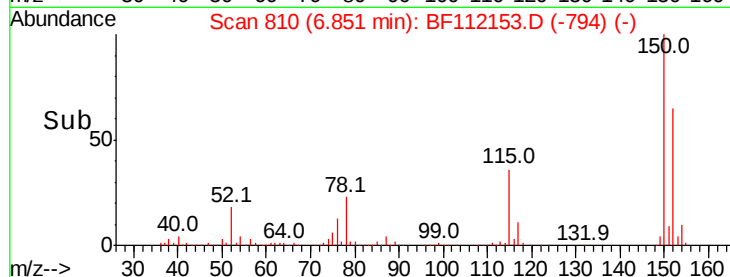
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112153.D
Acq: 21 Jan 2019 12:39

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion:152 Resp: 273802
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.0
115 56.0 45.5 68.3



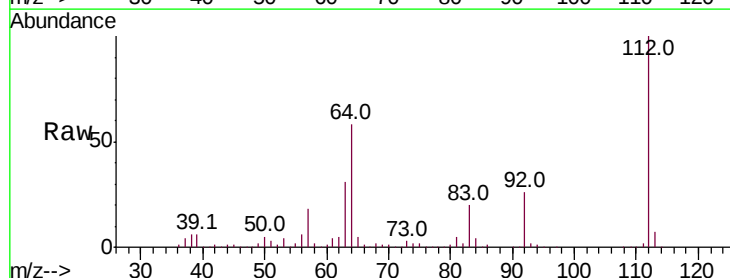
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



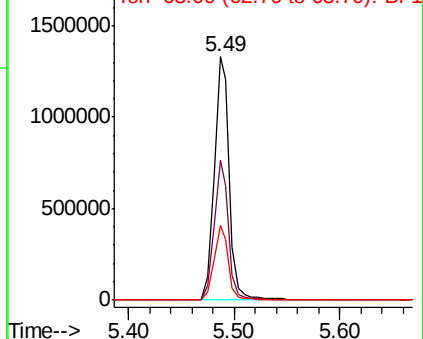
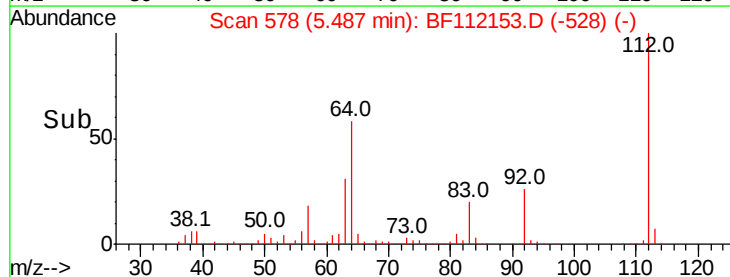
#5

2-Fluorophenol
Concen: 89.128 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112153.D
Acq: 21 Jan 2019 12:39

Tgt Ion:112 Resp: 1344508
Ion Ratio Lower Upper
112 100
64 57.5 45.7 68.5
63 30.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.386 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

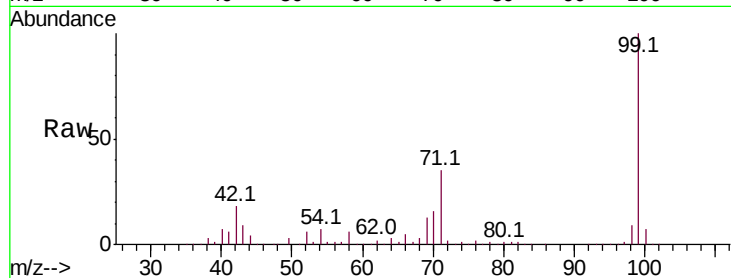
BNA_F

ClientSampled :

C-5

Tot Ion: 99 Resp: 1687056

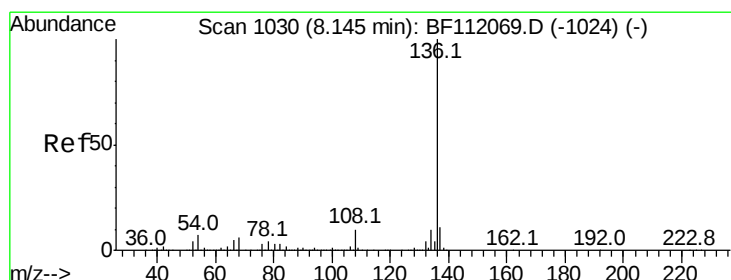
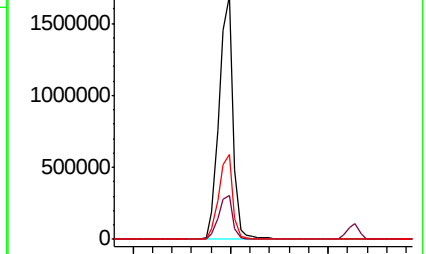
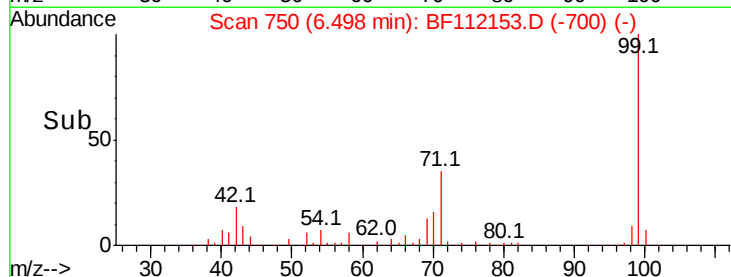
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.1	22.7
71	35.1	26.9	40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

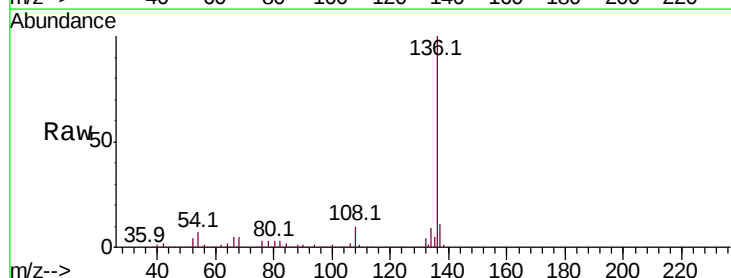
Delta R.T. -0.01 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Tgt Ion: 136 Resp: 1067926

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.5	5.9	8.9
68	5.3	5.1	7.7

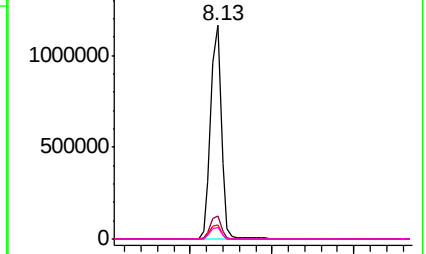
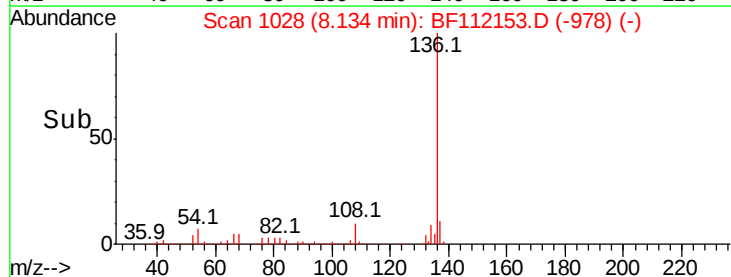


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

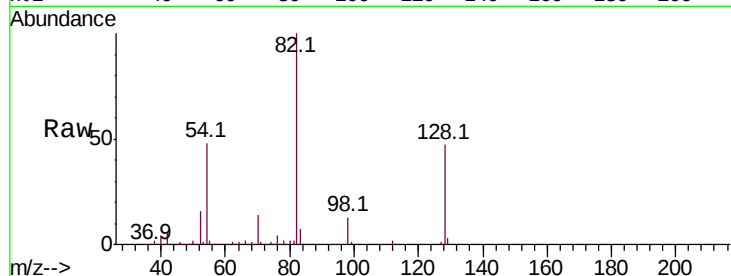




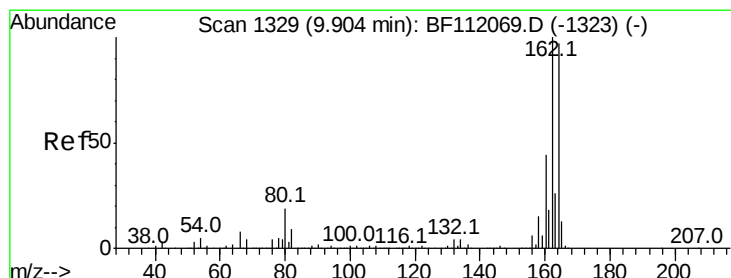
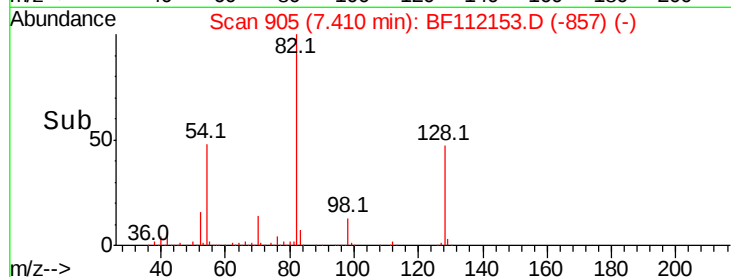
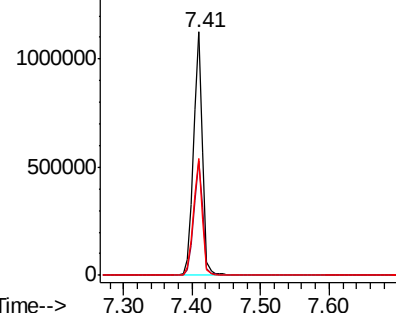
#23
 Nitrobenzene-d5
 Concen: 68.886 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion: 82 Resp: 1064786
 Ion Ratio Lower Upper
 82 100
 128 47.1 37.8 56.8
 54 47.8 39.7 59.5

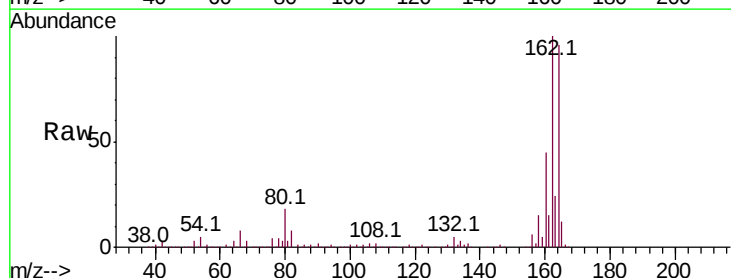


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

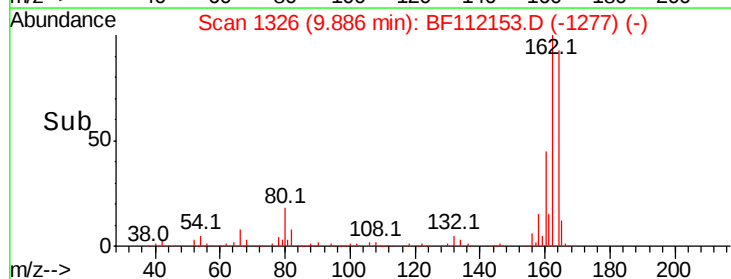
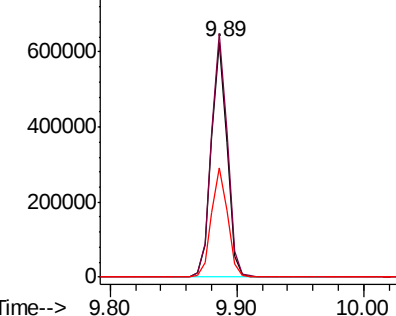


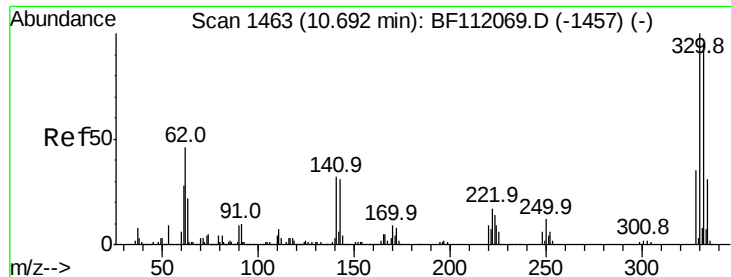
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Tgt Ion: 164 Resp: 540552
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.2 123.4
 160 46.7 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 92.914 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

BNA_F

ClientSampleId :

C-5

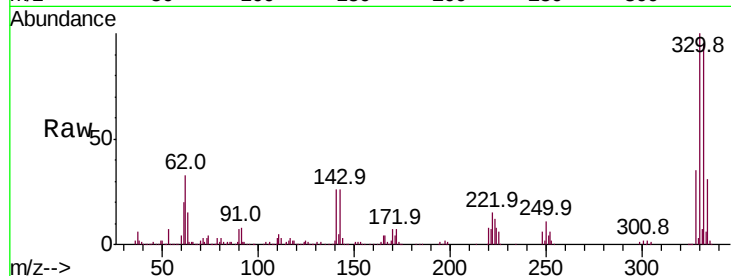
Tot Ion:330 Resp: 541815

Ion Ratio Lower Upper

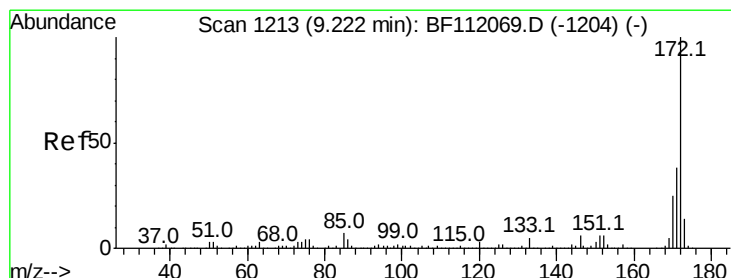
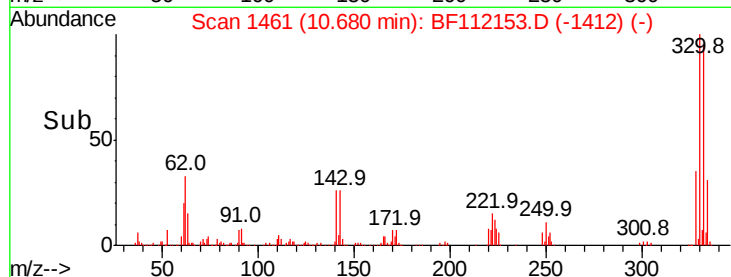
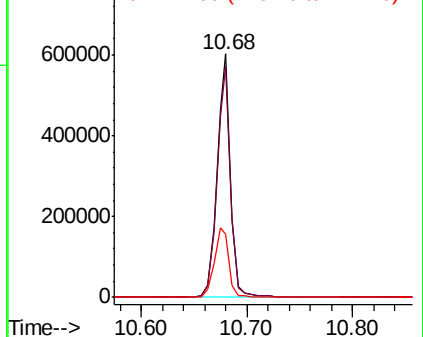
330 100

332 95.8 76.6 114.8

141 31.3 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 58.957 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

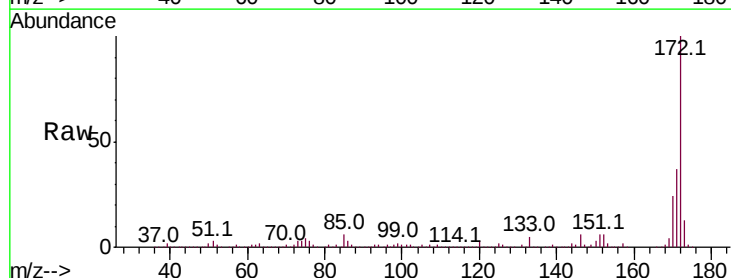
Tgt Ion:172 Resp: 2173738

Ion Ratio Lower Upper

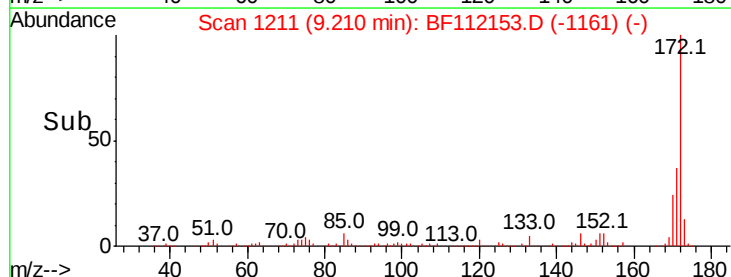
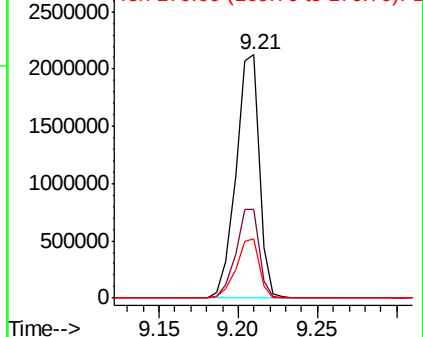
172 100

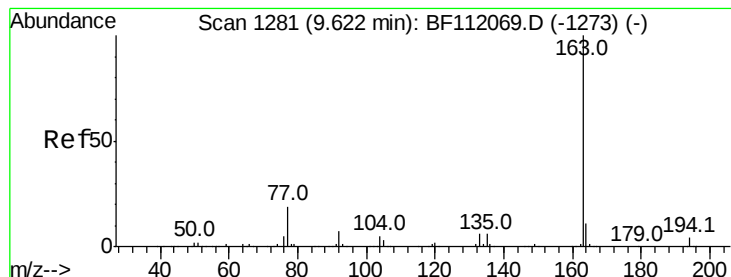
171 36.6 30.5 45.7

170 24.4 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.695 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

Instrument :

BNA_F

ClientSampled :

C-5

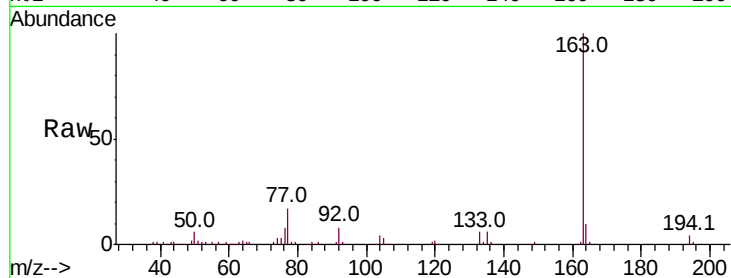
Tot Ion:163 Resp: 185078

Ion Ratio Lower Upper

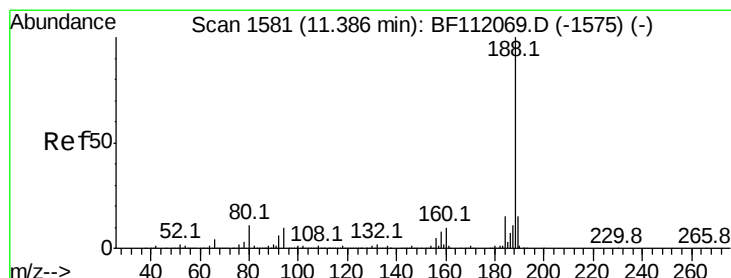
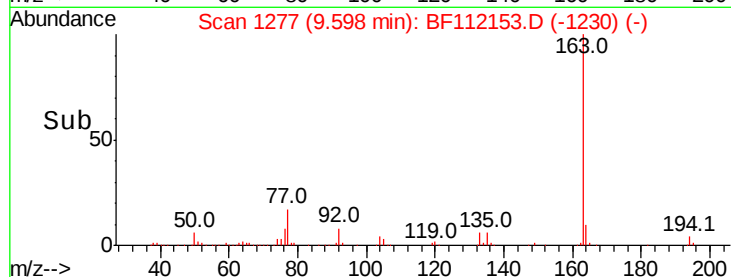
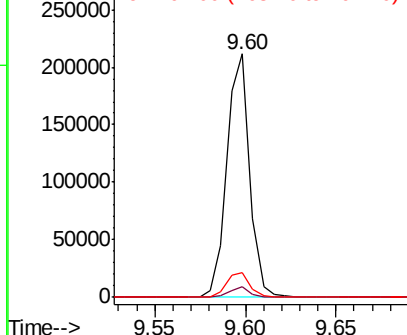
163 100

194 4.3 3.3 4.9

164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112153.D

Acq: 21 Jan 2019 12:39

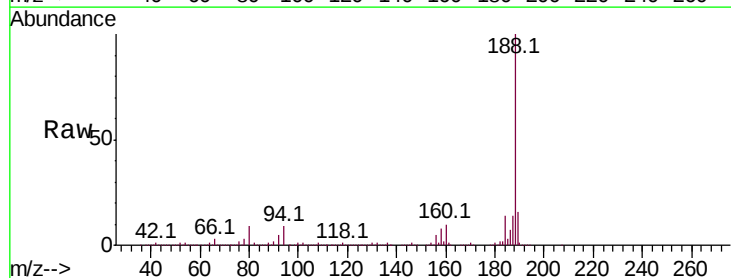
Tgt Ion:188 Resp: 1019648

Ion Ratio Lower Upper

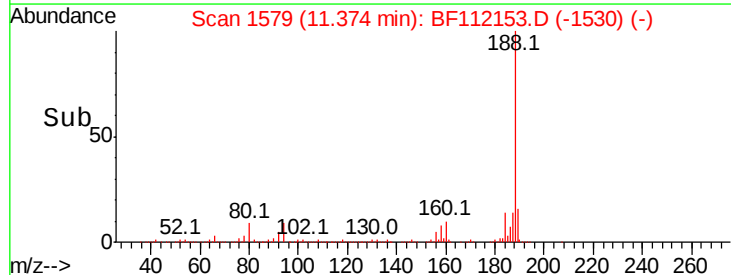
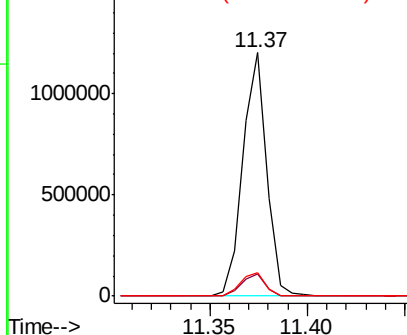
188 100

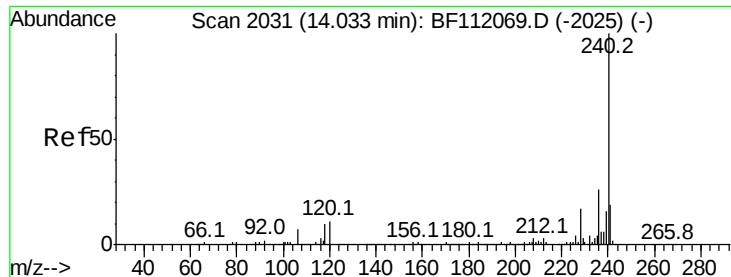
94 9.0 8.2 12.2

80 9.4 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

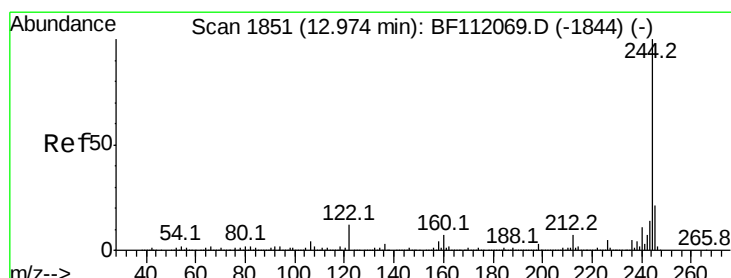
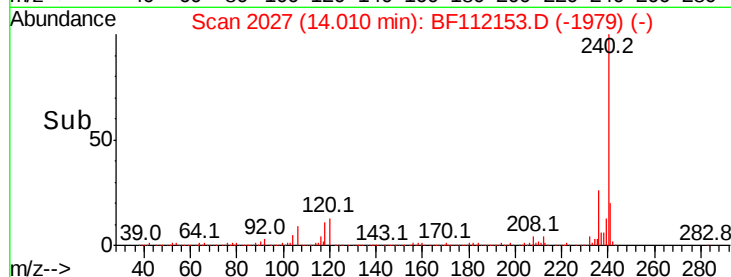
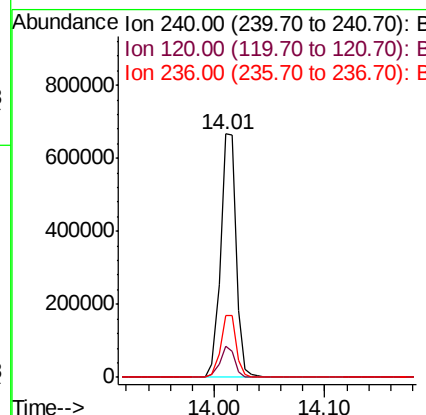
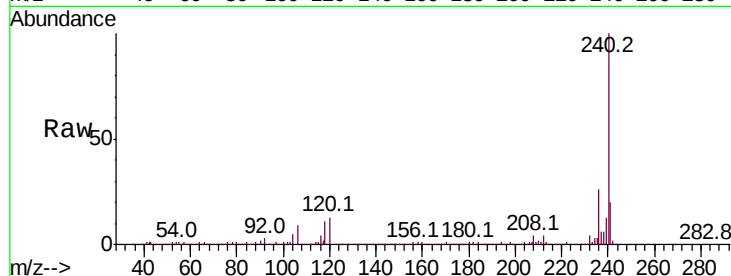




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

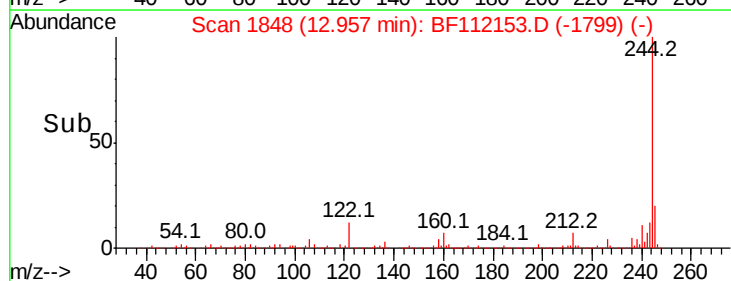
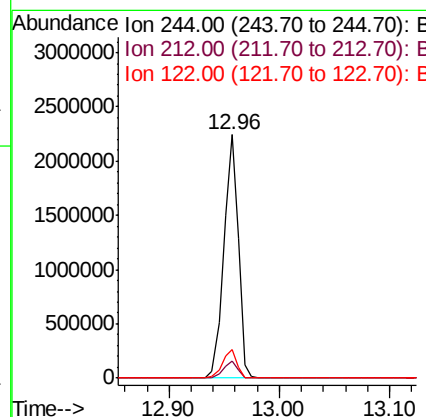
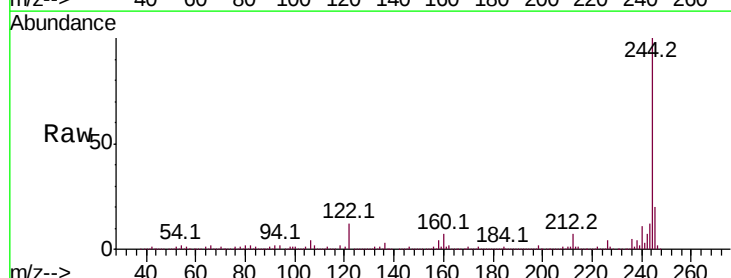
Instrument :
 BNA_F
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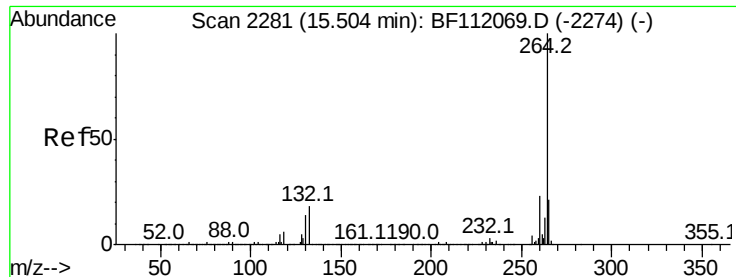
Tot Ion:240 Resp: 652859
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.0 13.6
 236 25.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 66.340 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Tgt Ion:244 Resp: 2035868
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.9 9.8 14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF112153.D
 Acq: 21 Jan 2019 12:39

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.2	17.0	25.4

