

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092774.D
 Acq On : 3 Feb 2017 12:30
 Operator : SJ/MA
 Sample : I1647-03RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20RE

Quant Time: Feb 03 13:17:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	146441	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	560659	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	308410	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	454073	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	300699	20.00	ng	-0.05
86) Perylene-d12	15.56	264	299638	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	197504	23.14	ng	-0.04
7) Phenol-d6	6.57	99	161809	14.73	ng	-0.03
23) Nitrobenzene-d5	7.49	82	286513	28.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.76	330	85820	38.47	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	652975	38.36	ng	-0.03
78) Terphenyl-d14	13.05	244	392960	30.71	ng	-0.03

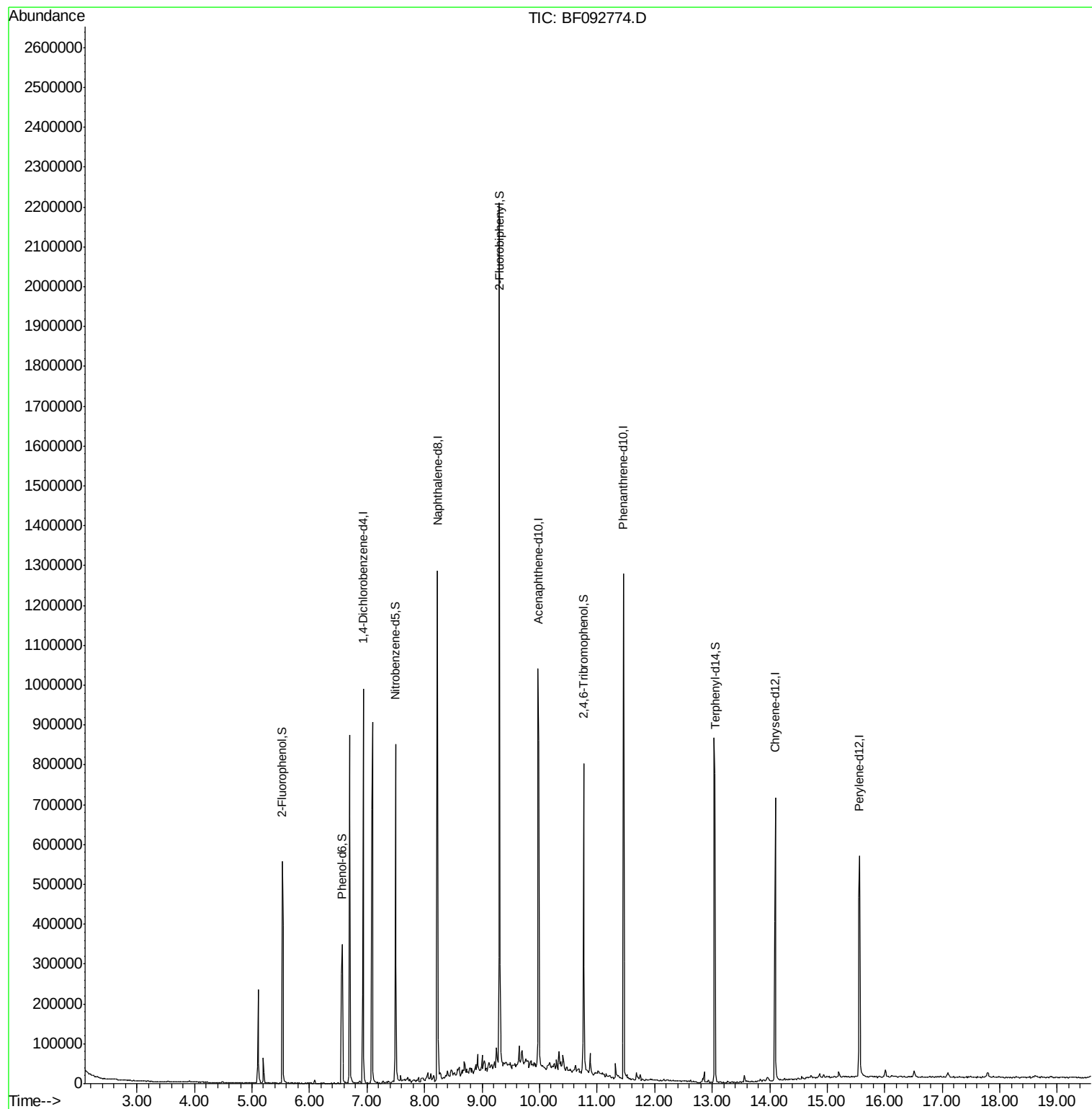
Target Compounds Qvalue

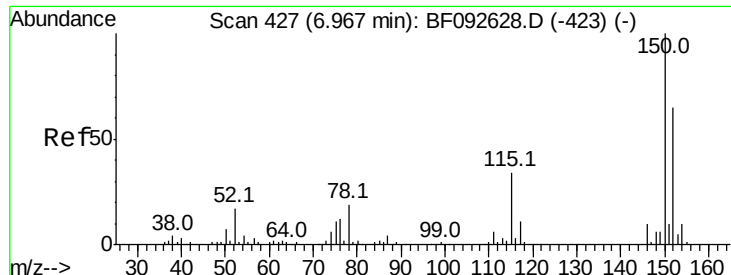
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092774.D

Acq: 3 Feb 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MW-20RE

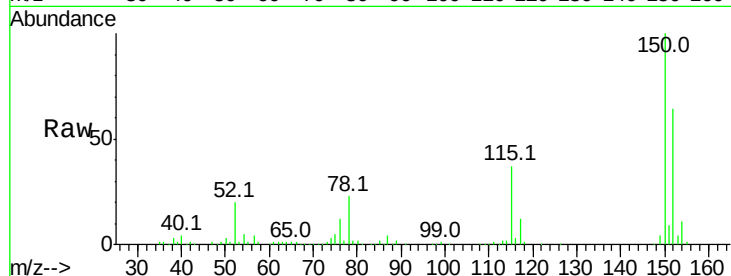
Tot Ion:152 Resp: 146441

Ion Ratio Lower Upper

152 100

150 155.8 124.9 187.3

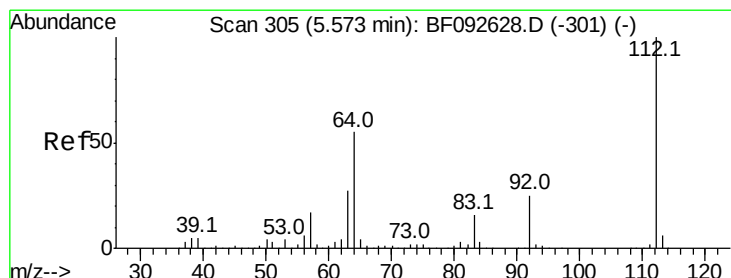
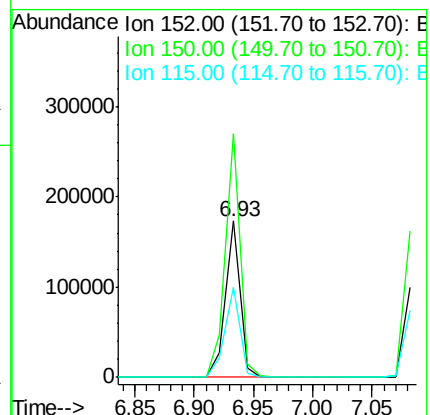
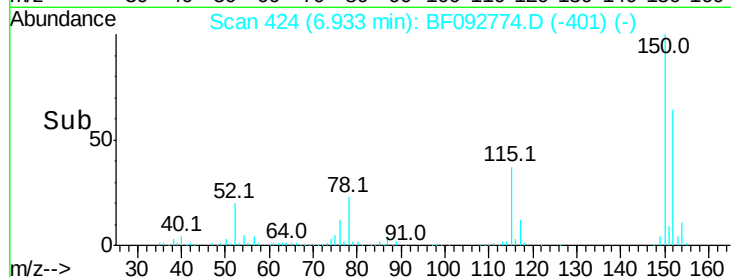
115 57.6 46.0 69.0



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: 23.14 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092774.D

Acq: 3 Feb 2017 12:30

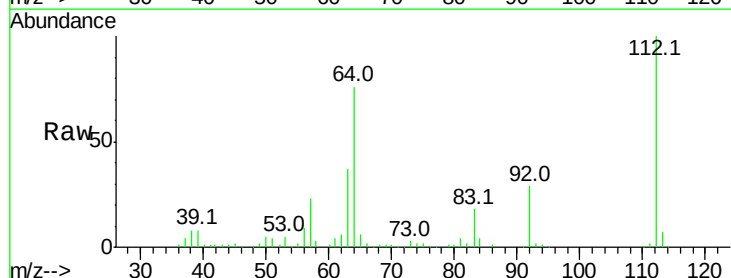
Tgt Ion:112 Resp: 197504

Ion Ratio Lower Upper

112 100

64 76.2 46.1 69.1#

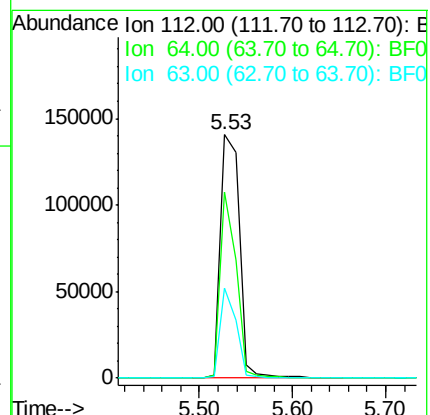
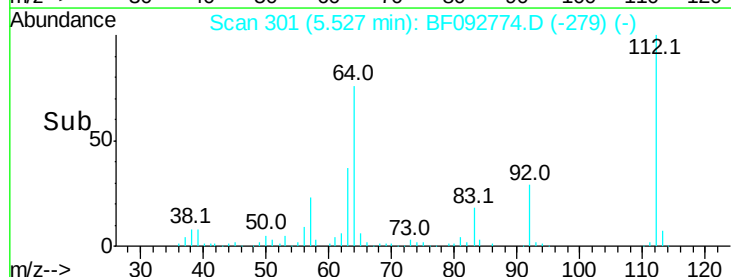
63 37.0 23.8 35.6#

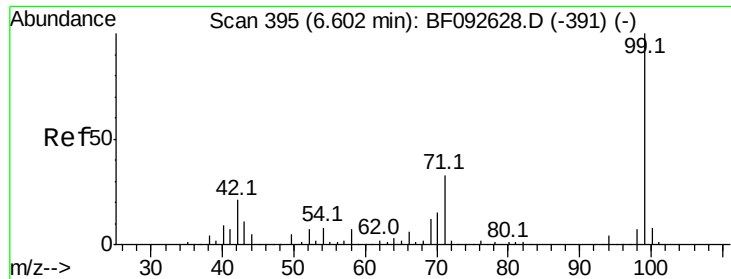


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.73 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092774.D

Acq: 3 Feb 2017 12:30

Instrument :

BNA_F

ClientSampleId :

MW-20RE

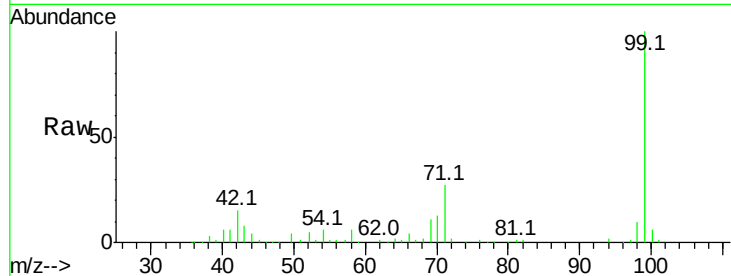
Tot Ion: 99 Resp: 161809

Ion Ratio Lower Upper

99 100

42 14.6 15.6 23.4#

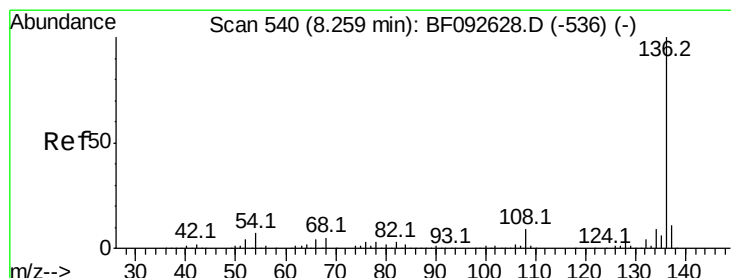
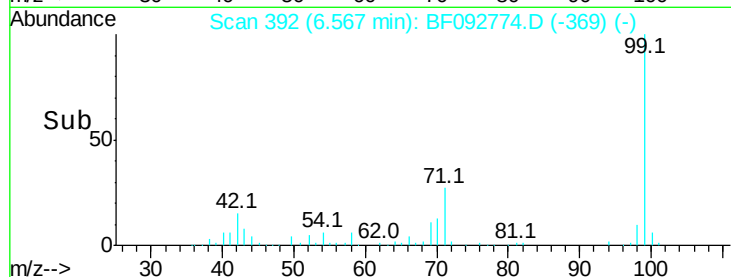
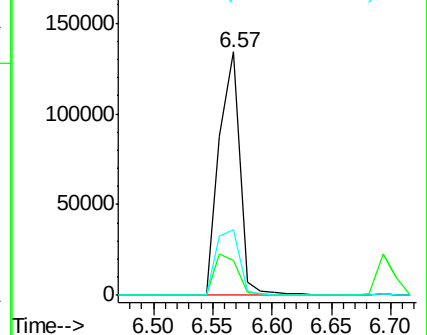
71 27.1 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092774.D

Acq: 3 Feb 2017 12:30

Tgt Ion: 136 Resp: 560659

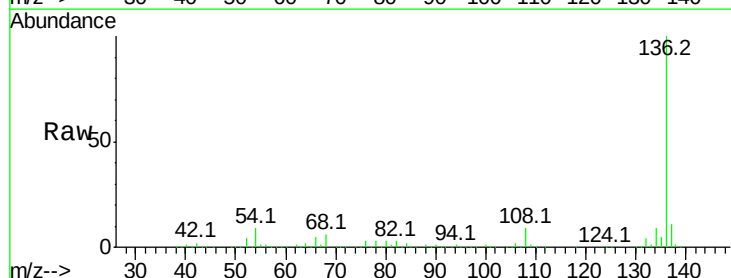
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.0 4.5 6.7#

68 6.3 3.6 5.4#

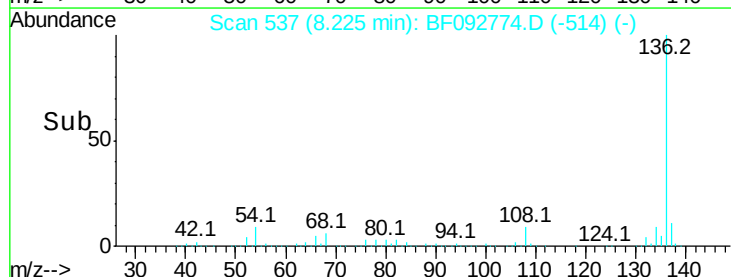
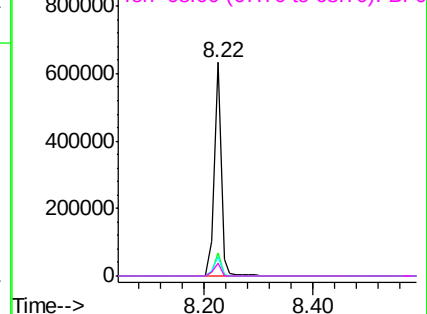


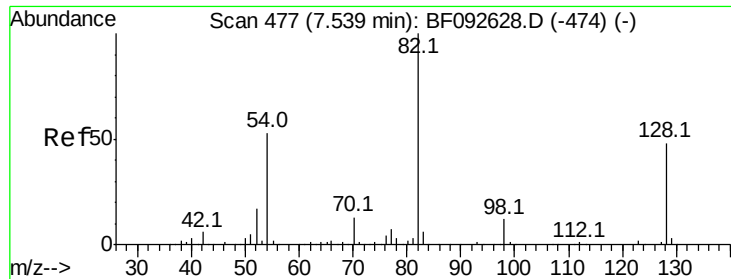
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

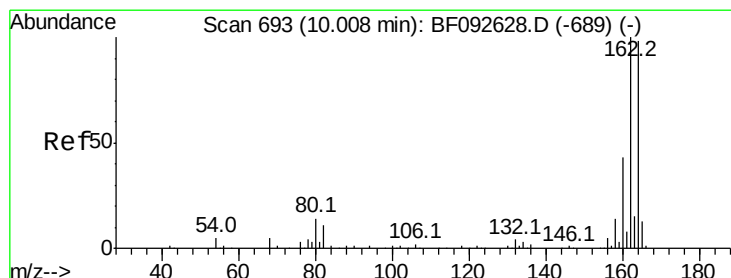
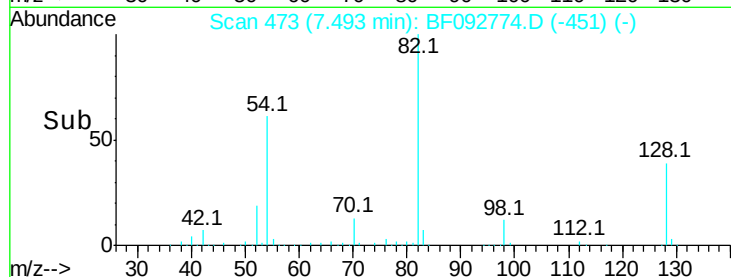
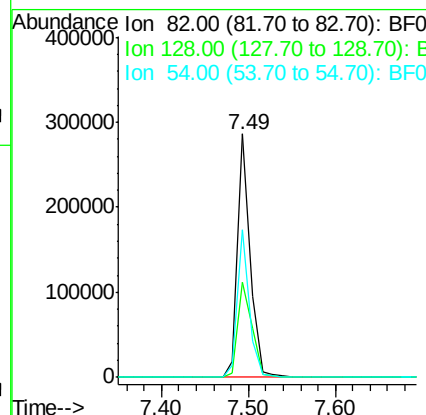
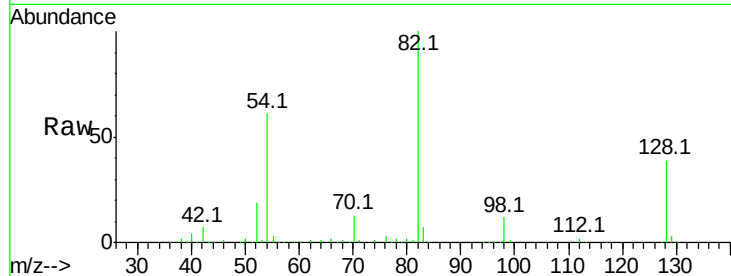




#23
 Nitrobenzene-d5
 Concen: 28.46 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092774.D
 Acq: 3 Feb 2017 12:30

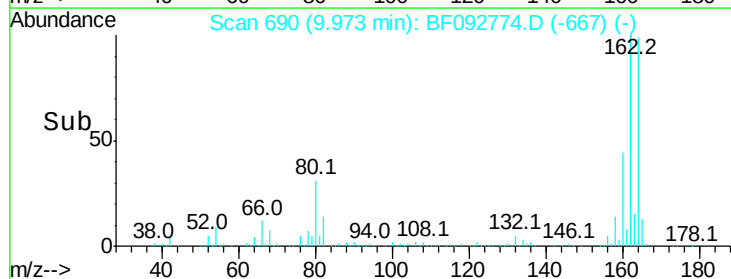
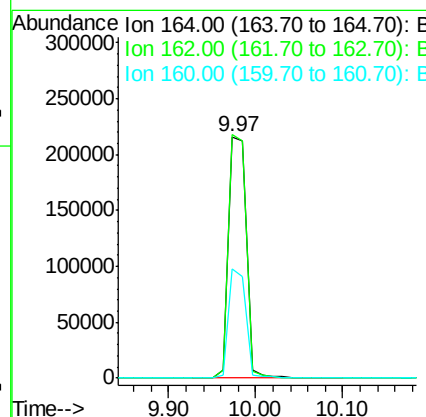
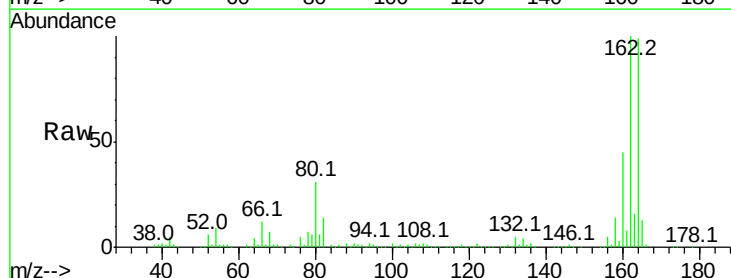
Instrument :
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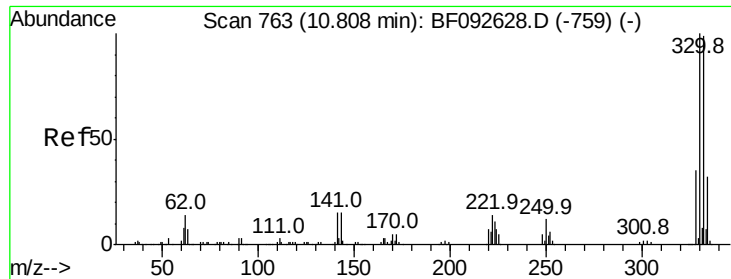
Tot Ion	82	Resp	286513
Ion Ratio	100		
Lower	34.6		
Upper	52.0		
54	60.6	39.5	59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092774.D
 Acq: 3 Feb 2017 12:30

Tgt Ion	164	Resp	308410
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	80.2		
Upper	120.2		
162	101.0	36.9	55.3
160	45.2		

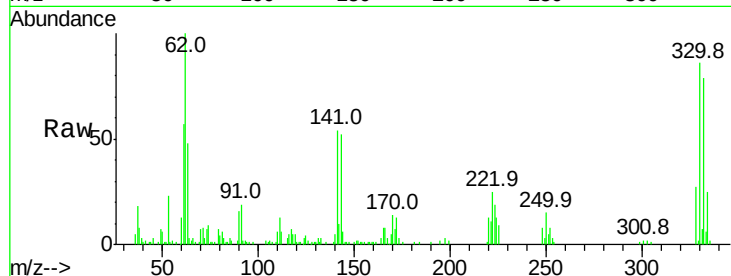




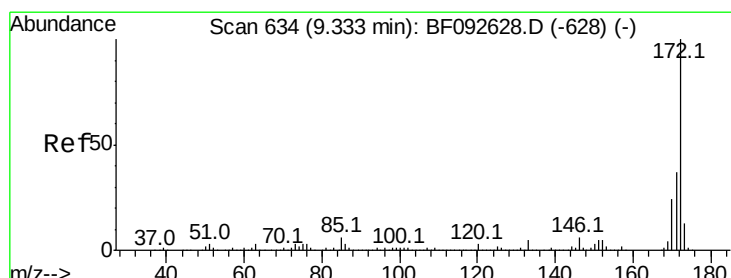
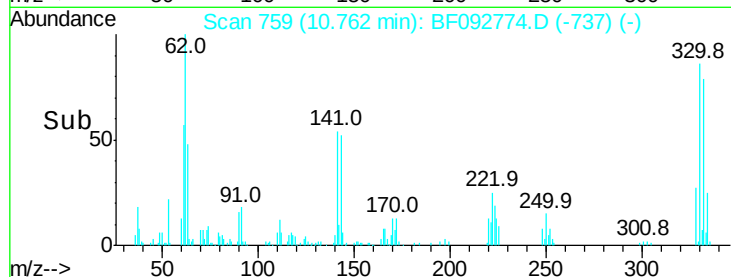
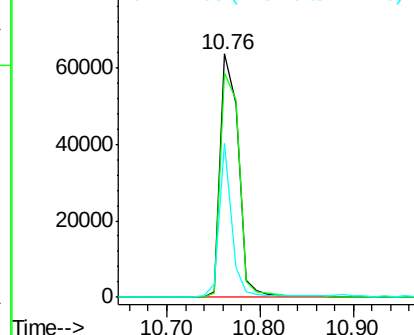
#41
 2,4,6-Tribromophenol
 Concen: 38.47 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF092774.D
 Acq: 3 Feb 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-20RE

Tot Ion:330 Resp: 85820
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 44.9 34.1 51.1

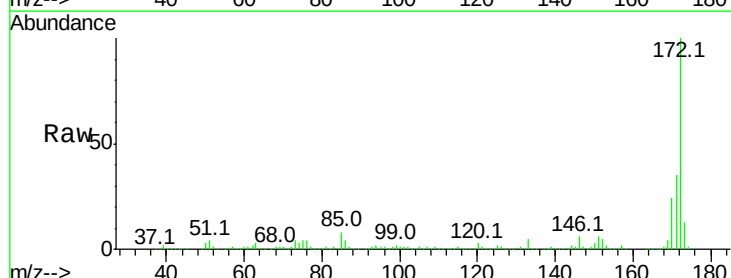


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

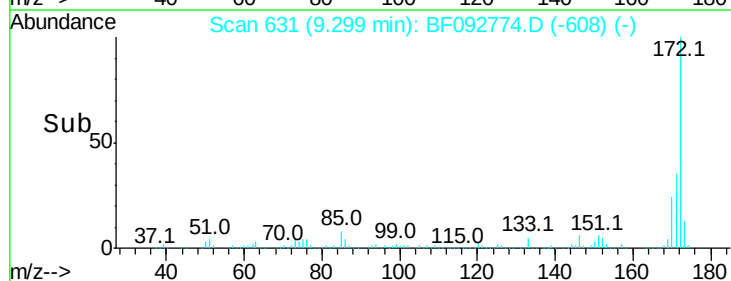
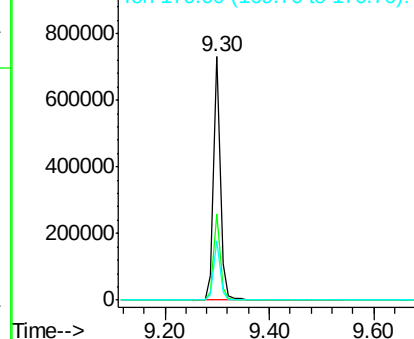


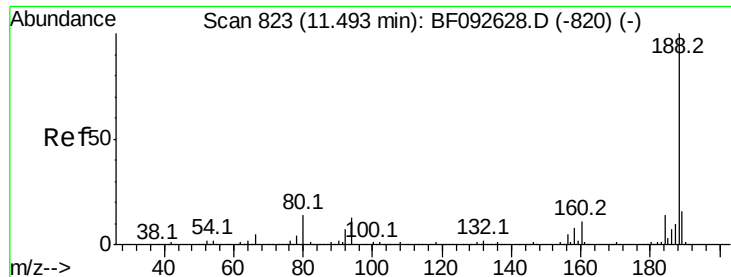
#44
 2-Fluorobiphenyl
 Concen: 38.36 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092774.D
 Acq: 3 Feb 2017 12:30

Tgt Ion:172 Resp: 652975
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.2 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

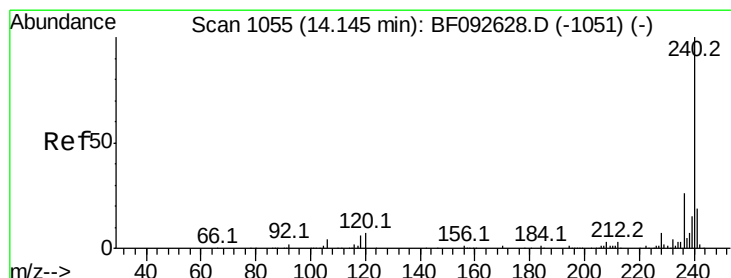
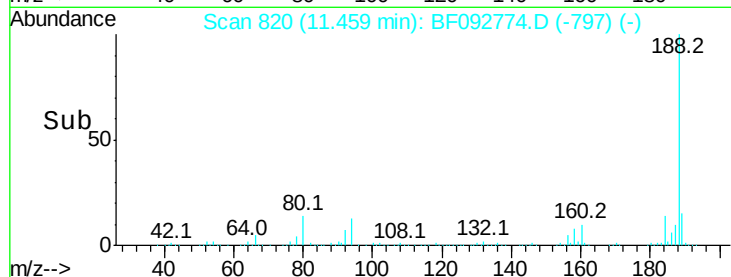
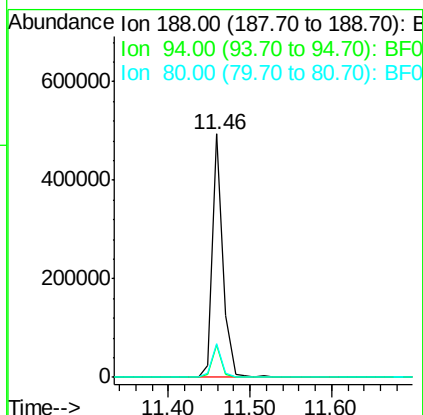
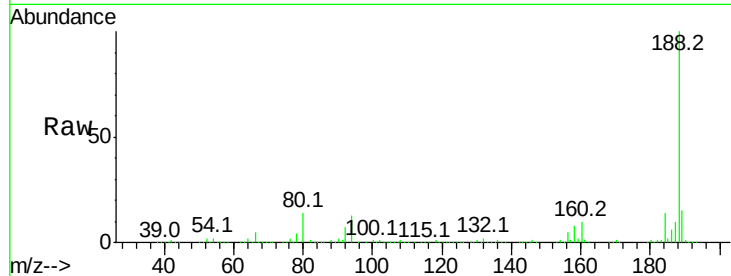




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092774.D
Acq: 3 Feb 2017 12:30

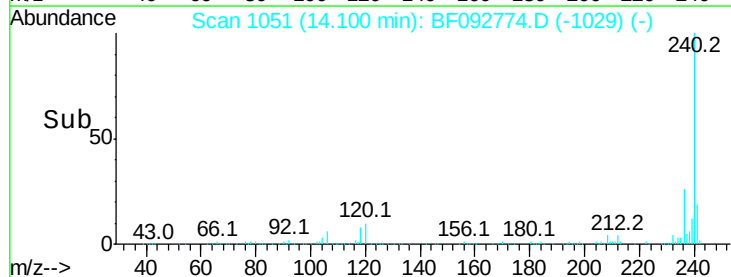
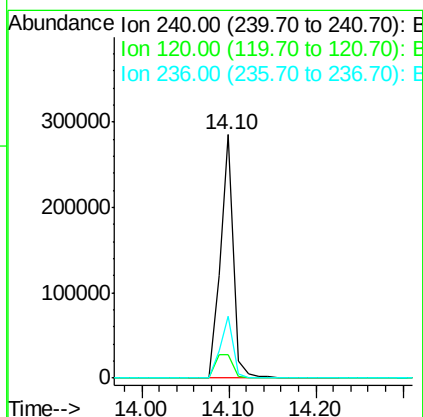
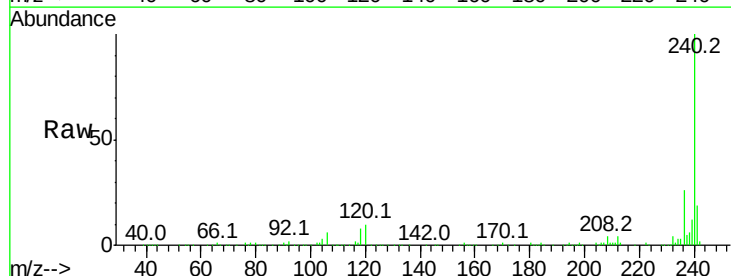
Instrument :
BNA_F
ClientSampleId :
MW-20RE

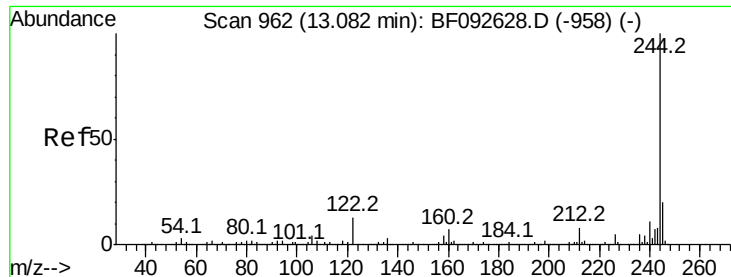
Tot Ion:188 Resp: 454073
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 14.0 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092774.D
Acq: 3 Feb 2017 12:30

Tgt Ion:240 Resp: 300699
Ion Ratio Lower Upper
240 100
120 9.5 12.9 19.3#
236 25.5 20.9 31.3

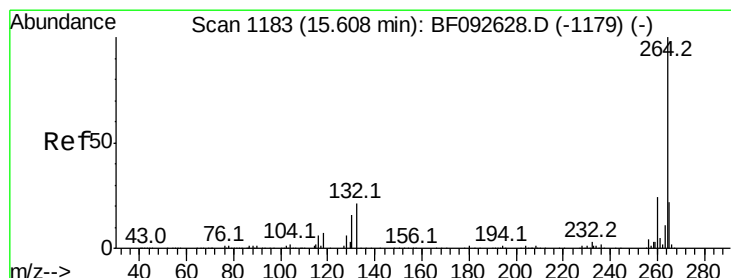
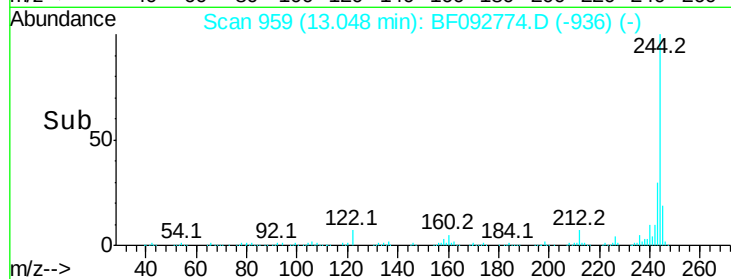
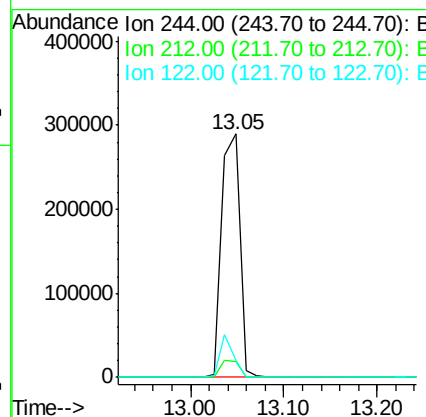
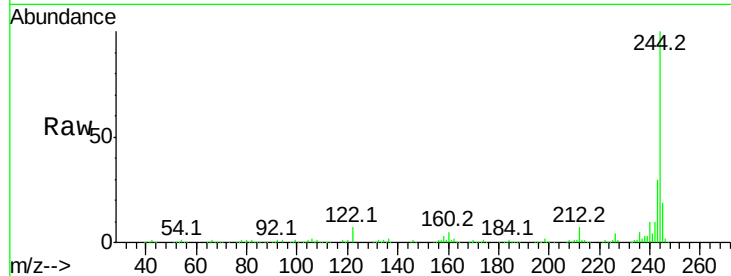




#78
 Terphenyl-d14
 Concen: 30.71 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092774.D
 Acq: 3 Feb 2017 12:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-20RE

Tot Ion:244 Resp: 392960
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.2 9.2
 122 6.9 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092774.D
 Acq: 3 Feb 2017 12:30

Tgt Ion:264 Resp: 299638
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.2 17.4 26.0

