

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094591.D
 Acq On : 24 Apr 2017 17:59
 Operator : SJ/MA
 Sample : I2790-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFFS-156-VNJ213-155-160-34

Quant Time: Apr 25 05:41:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	140882	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	547642	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	226212	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	362533	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	243285	20.00	ng	-0.02
86) Perylene-d12	16.07	264	207323	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	1008081	118.71	ng	0.02
7) Phenol-d6	5.39	99	1160598	115.93	ng	0.00
23) Nitrobenzene-d5	6.41	82	805641	90.84	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	232833	131.59	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1421659	92.47	ng	-0.01
78) Terphenyl-d14	13.18	244	986868	108.43	ng	-0.01

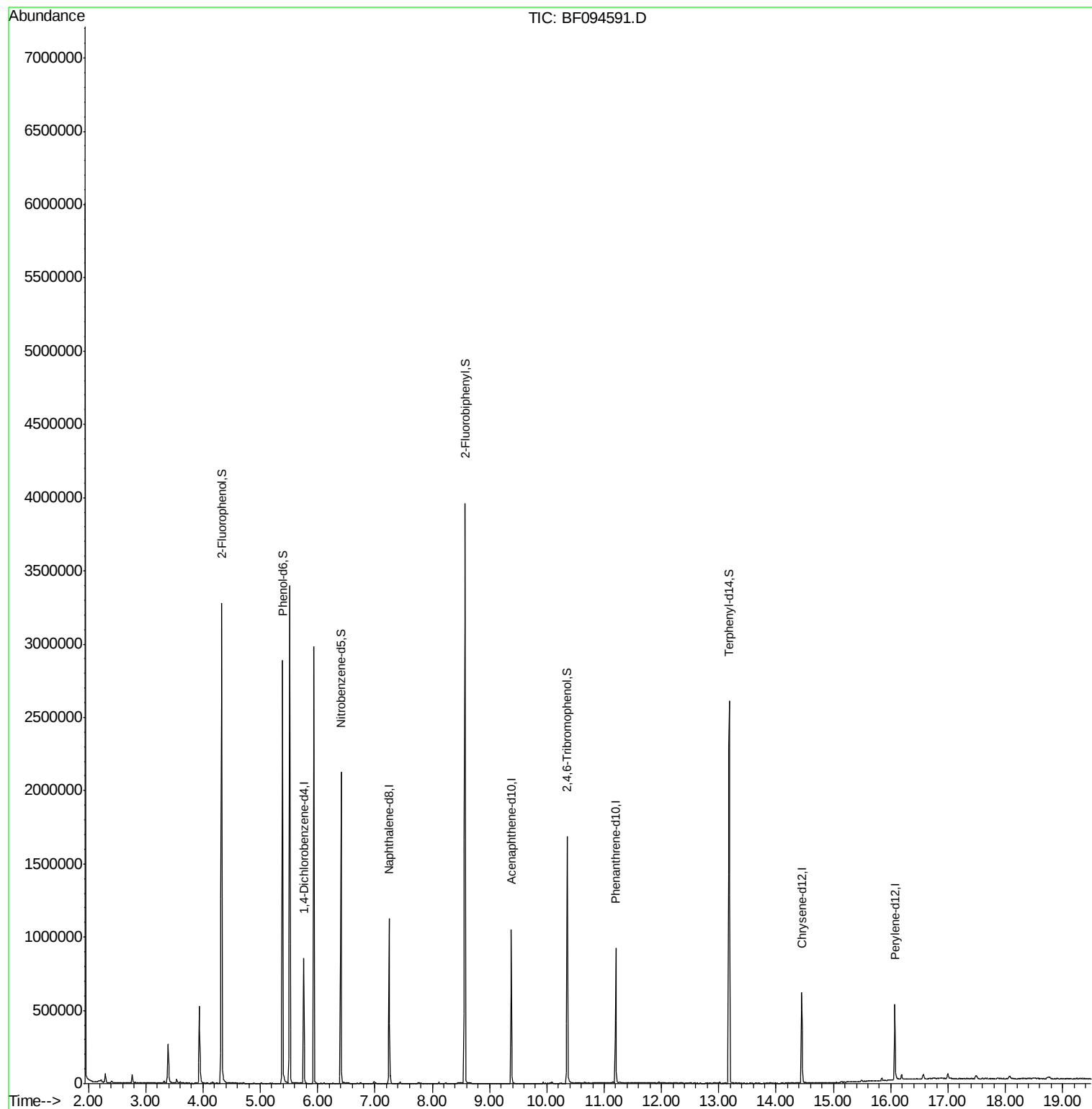
Target Compounds Qvalue

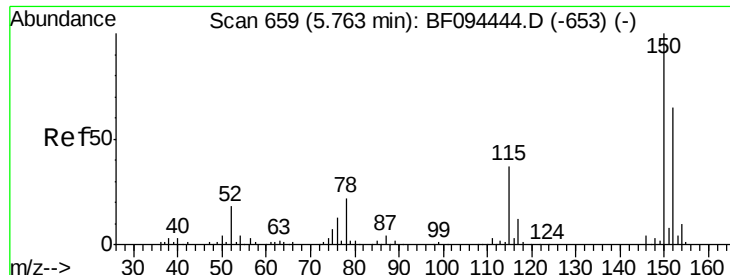
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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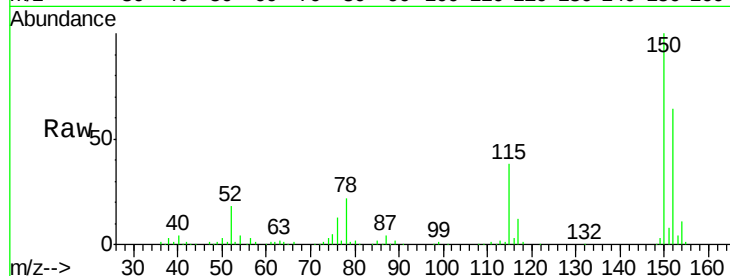


#1

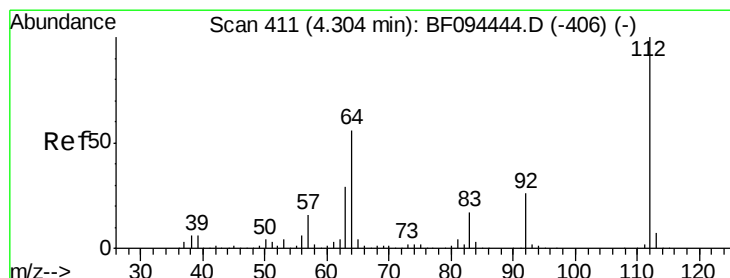
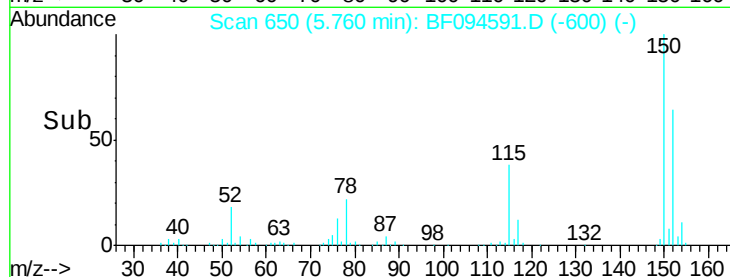
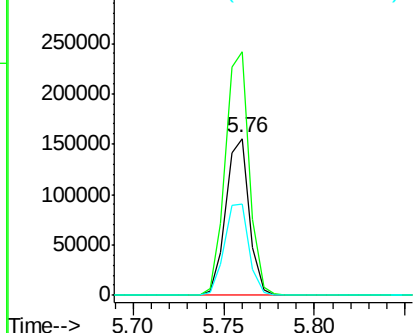
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094591.D
Acq: 24 Apr 2017 17:59

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-156-VNJ213-155-160-34

Tot Ion:152 Resp: 140882
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 58.3 52.2 78.2



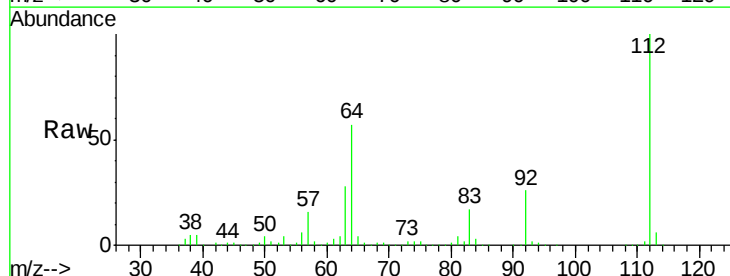
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



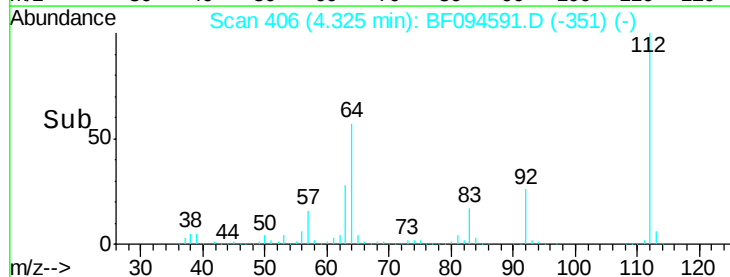
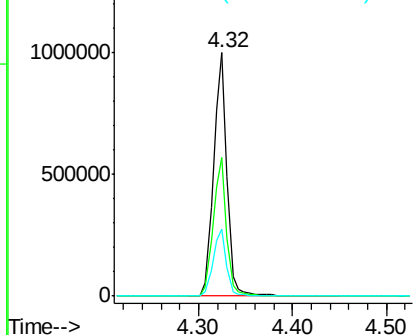
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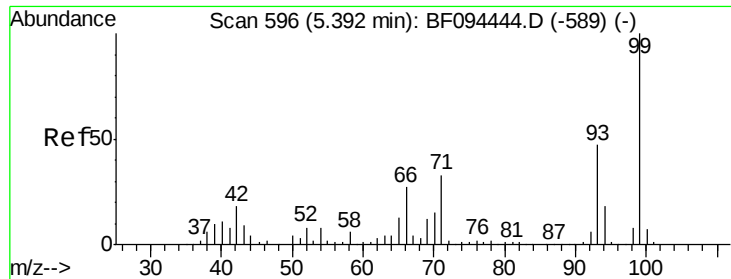
2-Fluorophenol
Concen: 118.71 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094591.D
Acq: 24 Apr 2017 17:59

Tgt Ion:112 Resp: 1008081
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 27.6 23.4 35.0



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: 115.93 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094591.D

Acq: 24 Apr 2017 17:59

Instrument :

BNA_F

ClientSampleId :

ROLLOFFS-156-VNJ213-155-160-34

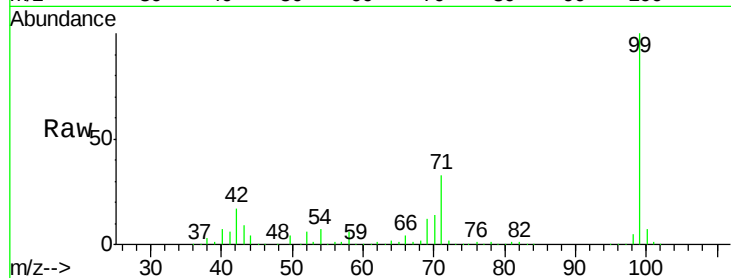
Tot Ion: 99 Resp: 1160598

Ion Ratio Lower Upper

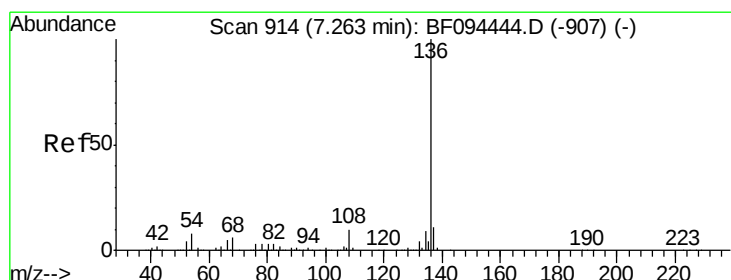
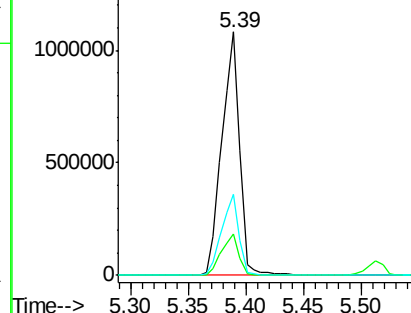
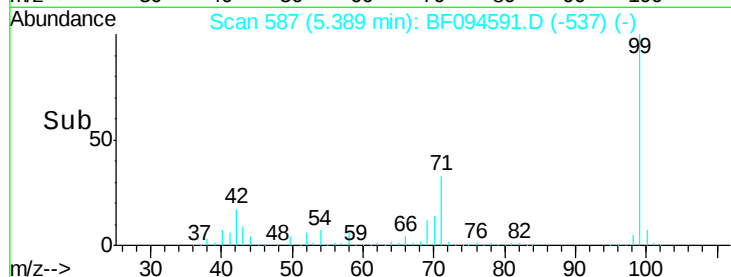
99 100

42 16.9 13.5 20.3

71 33.4 24.5 36.7



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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094591.D

Acq: 24 Apr 2017 17:59

Tgt Ion: 136 Resp: 547642

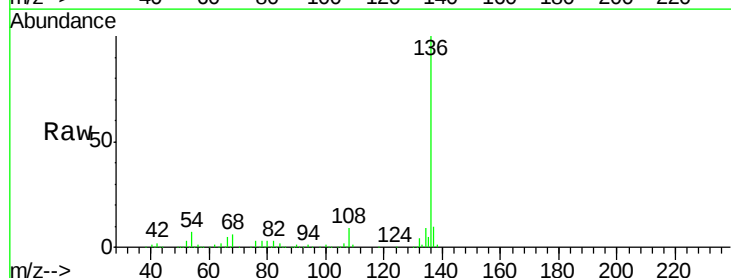
Ion Ratio Lower Upper

136 100

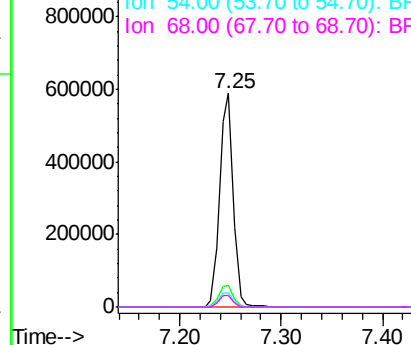
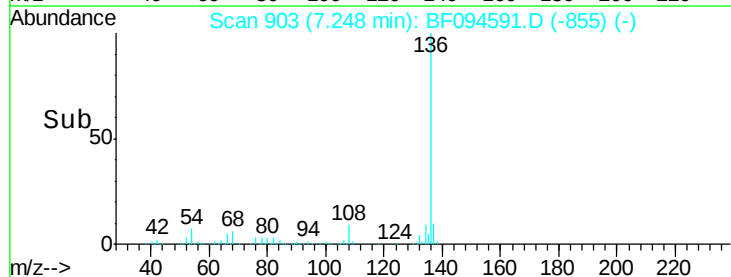
137 10.5 8.5 12.7

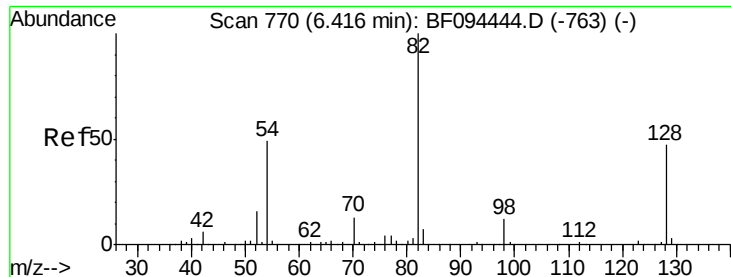
54 6.8 4.9 7.3

68 5.7 4.1 6.1



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

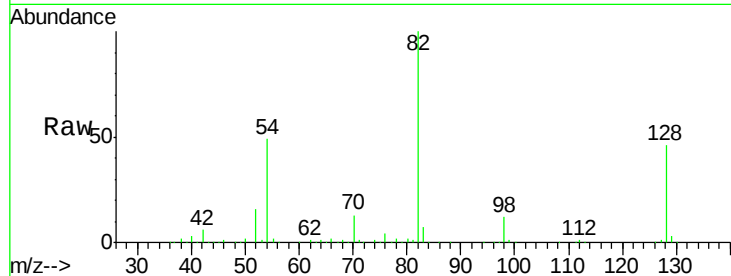




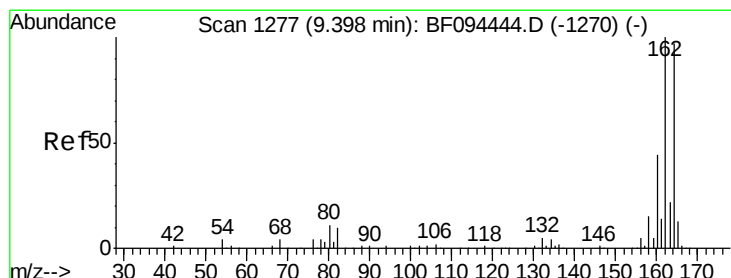
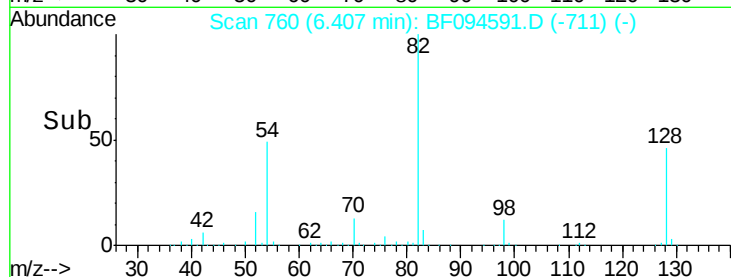
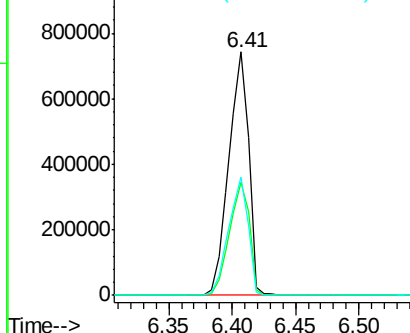
#23
 Nitrobenzene-d5
 Concen: 90.84 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094591.D
 Acq: 24 Apr 2017 17:59

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFFS-156-VNJ213-155-160-34

Tot Ion	82	Resp	805641
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	48.7	42.2	63.2

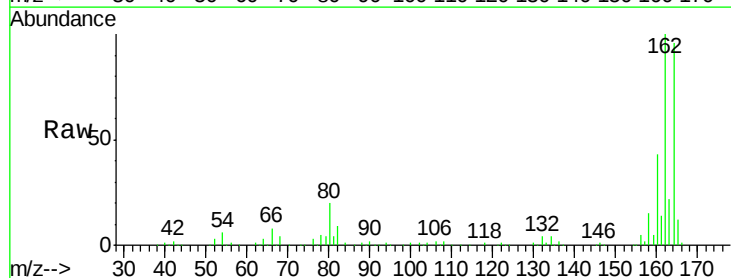


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

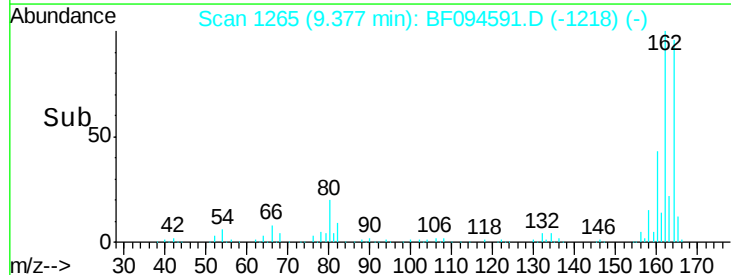
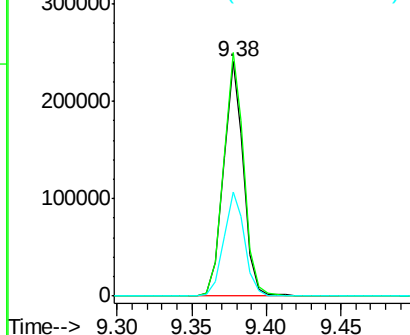


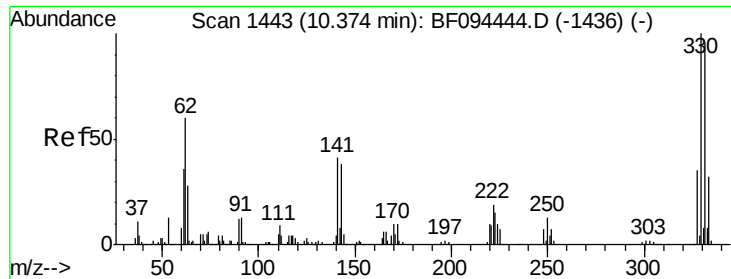
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094591.D
 Acq: 24 Apr 2017 17:59

Tgt Ion	164	Resp	226212
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.6</td> <td></td> <td></td>	82.6		
Upper <td>123.8</td> <td></td> <td></td>	123.8		
162	103.9	36.2	54.2



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

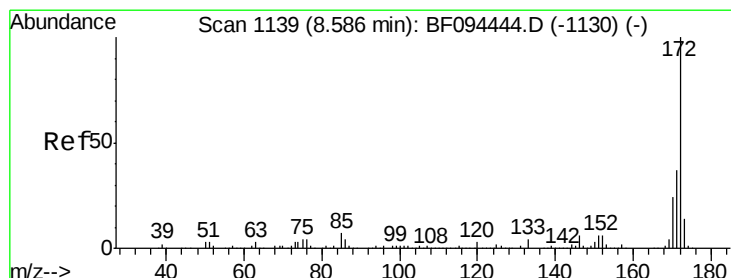
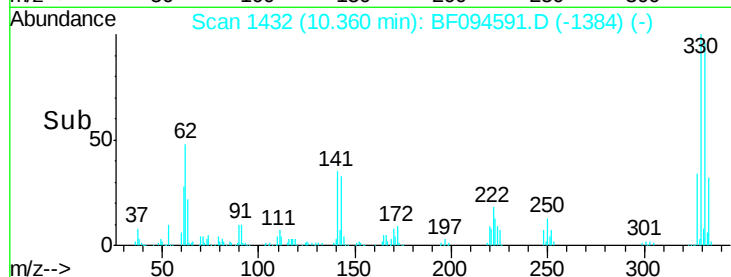
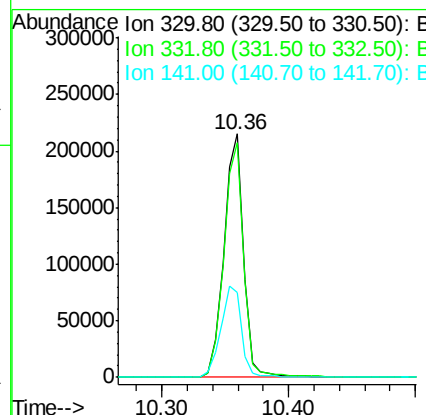
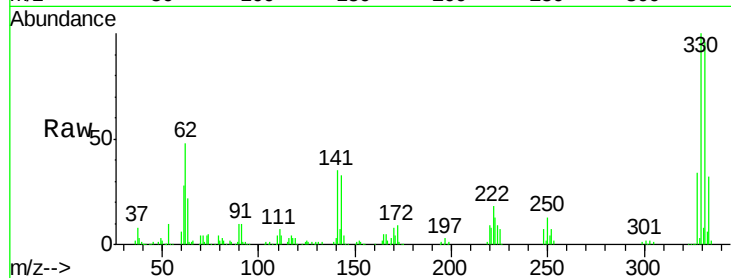




#41
 2,4,6-Tribromophenol
 Concen: 131.59 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094591.D
 Acq: 24 Apr 2017 17:59

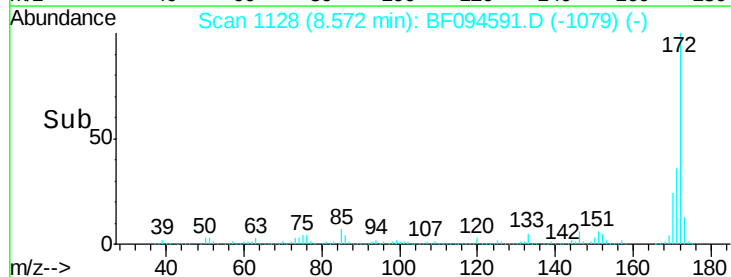
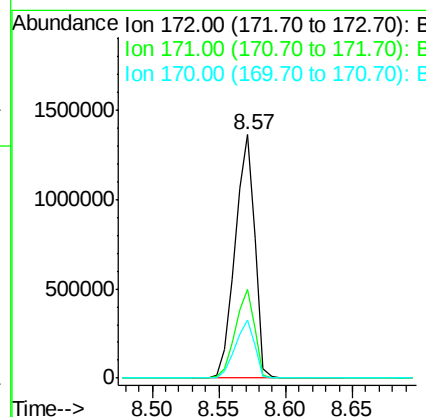
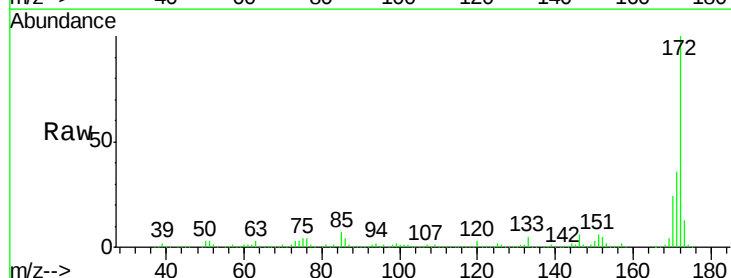
Instrument :
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 ROLLOFFS-156-VNJ213-155-160-34

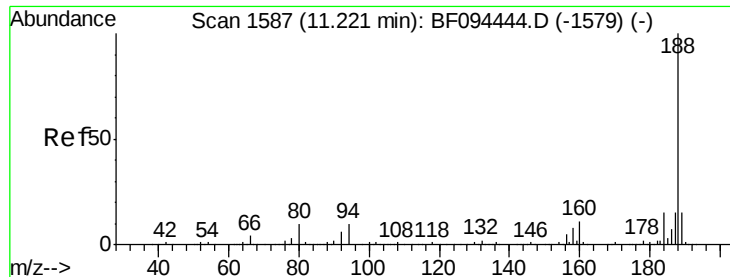
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 92.47 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094591.D
 Acq: 24 Apr 2017 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8

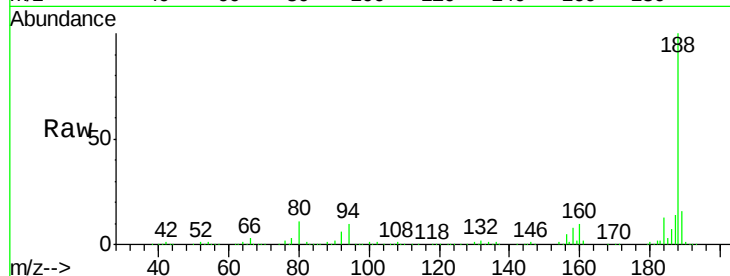




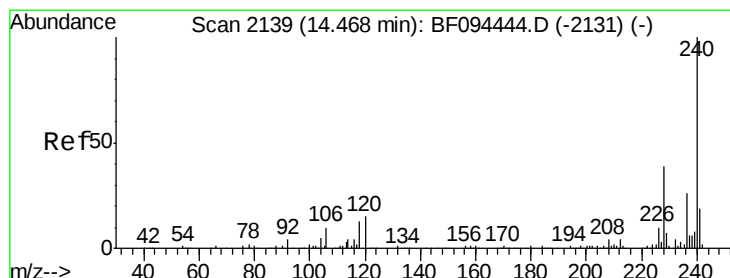
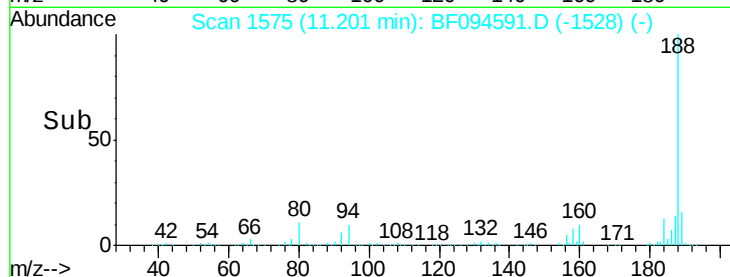
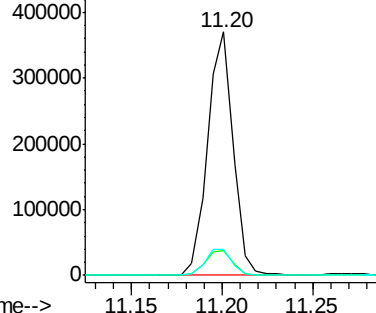
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094591.D
Acq: 24 Apr 2017 17:59

Instrument :
BNA_F
ClientSampleId :
ROLLOFFS-156-VNJ213-155-160-34

Tot Ion:188 Resp: 362533
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.6 10.2 15.2

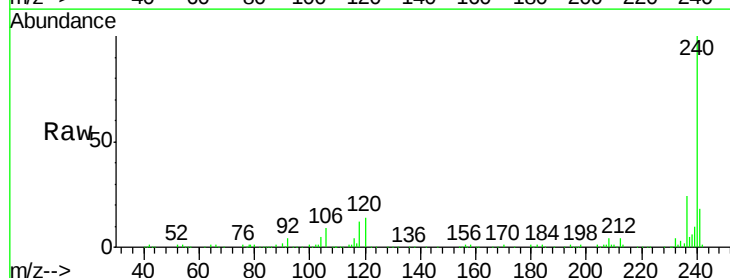


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

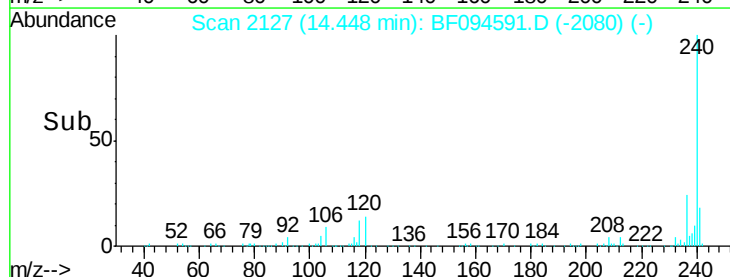
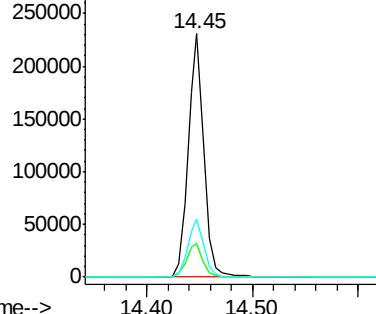


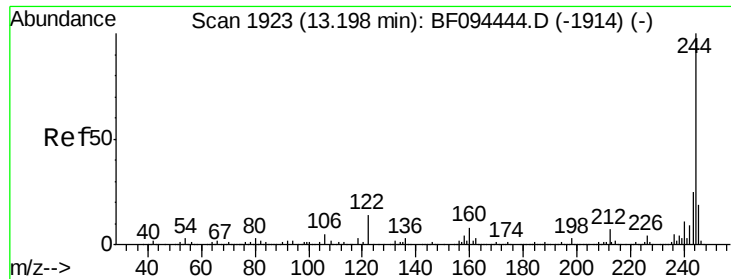
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094591.D
Acq: 24 Apr 2017 17:59

Tgt Ion:240 Resp: 243285
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 23.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

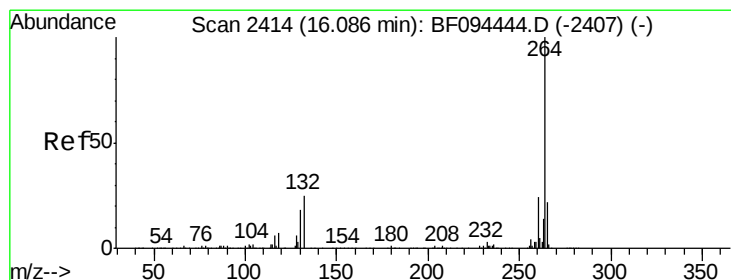
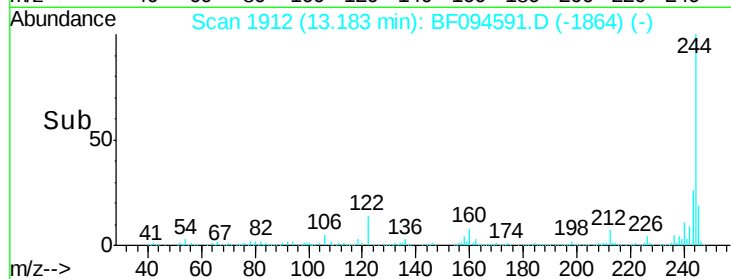
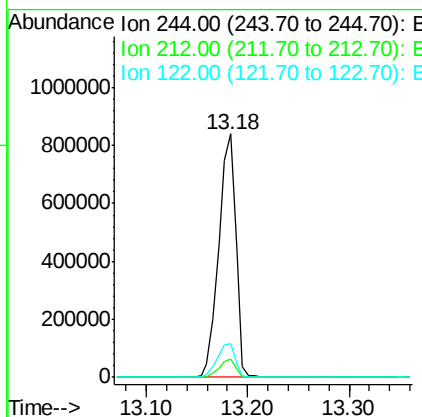
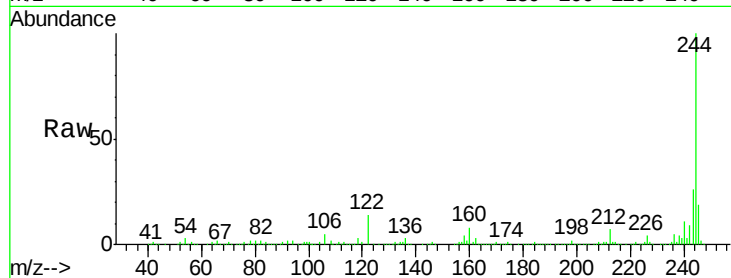




#78
 Terphenyl-d14
 Concen: 108.43 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094591.D
 Acq: 24 Apr 2017 17:59

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Tot Ion:244 Resp: 986868
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BF094591.D
 Acq: 24 Apr 2017 17:59

Tgt Ion:264 Resp: 207323
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.9 17.2 25.8

