

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092838.D
 Acq On : 7 Feb 2017 19:51
 Operator : SJ/MA
 Sample : I1692-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

Quant Time: Feb 08 00:20:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	140107	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	590798	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	284625	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	410270	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	315374	20.00	ng	-0.01
86) Perylene-d12	15.52	264	267170	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1132124	138.63	ng	0.02
7) Phenol-d6	6.54	99	1309328	124.61	ng	0.00
23) Nitrobenzene-d5	7.47	82	833694	78.58	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	285974	138.92	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1417015	90.19	ng	0.00
78) Terphenyl-d14	13.01	244	1179420	87.87	ng	-0.01

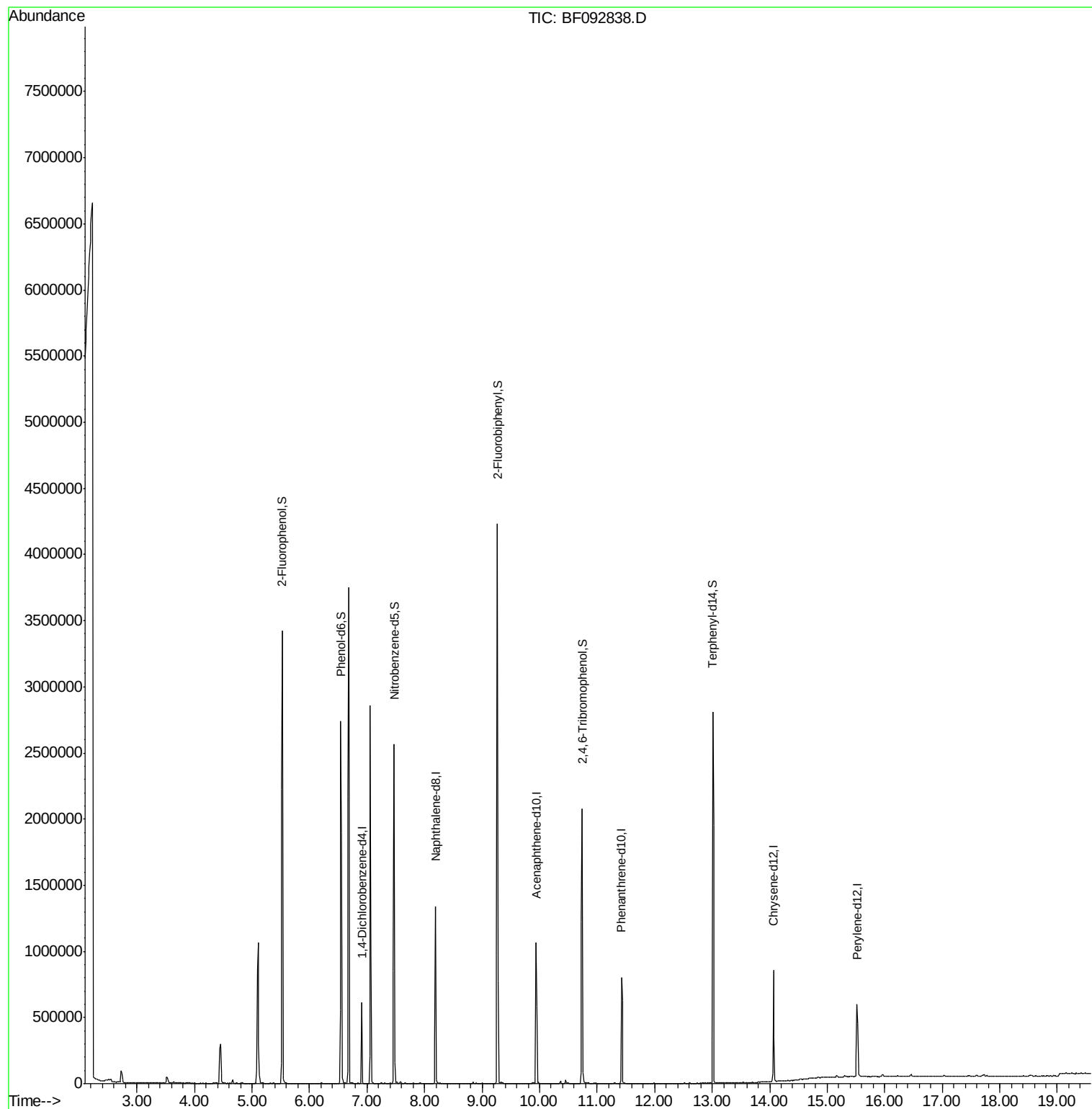
Target Compounds Qvalue

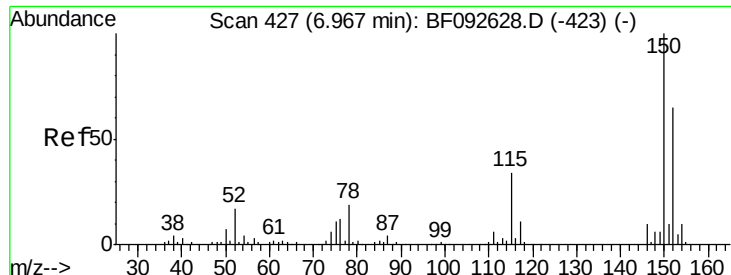
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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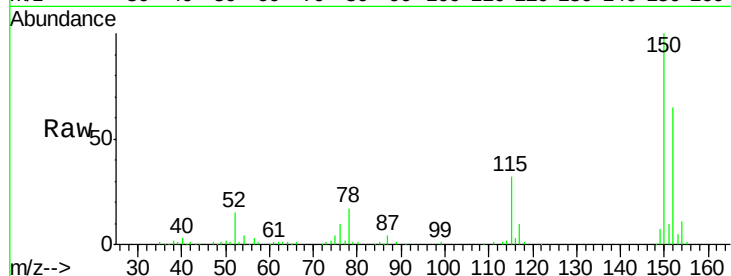


#1

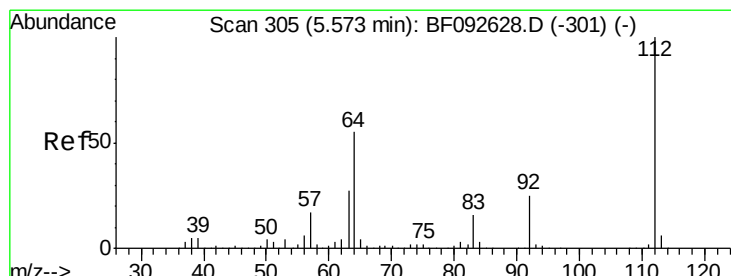
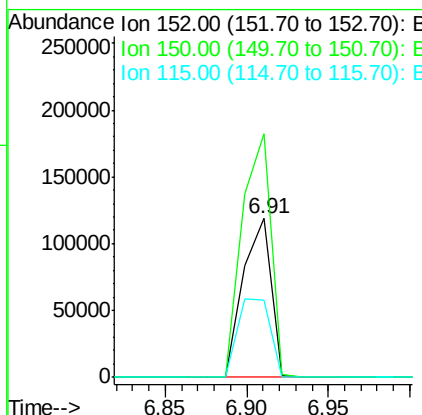
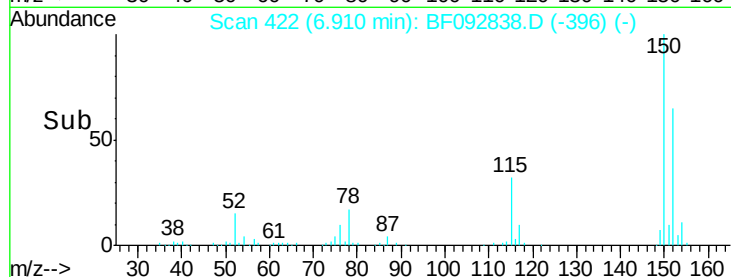
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092838.D
Acq: 7 Feb 2017 19:51

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	49.0	46.0	69.0



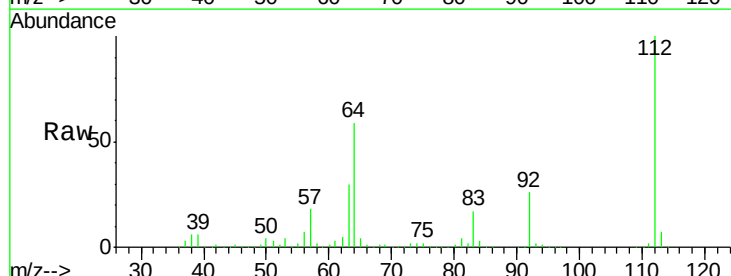
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



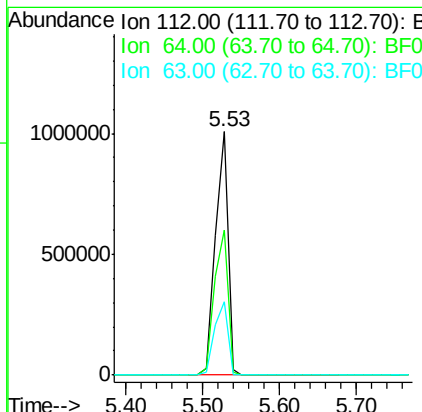
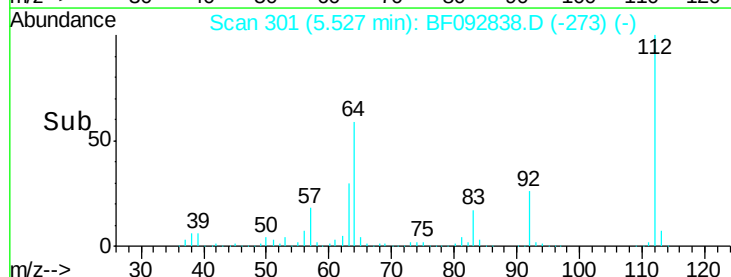
#5

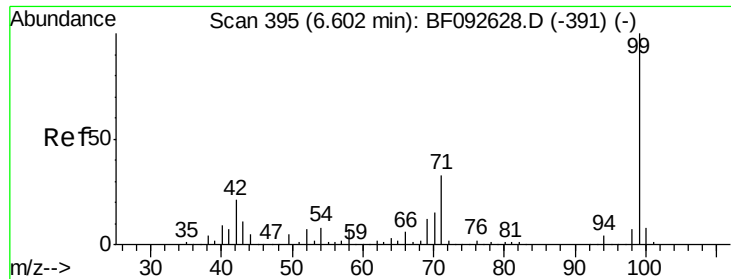
2-Fluorophenol
Concen: 138.63 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.02 min
Lab File: BF092838.D
Acq: 7 Feb 2017 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.1	69.1
63	30.0	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: 124.61 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092838.D

Acq: 7 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-20-41-COMP

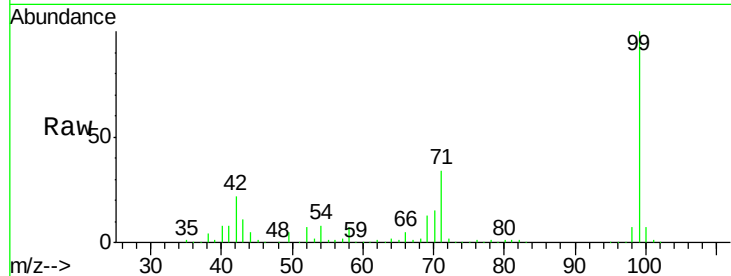
Tot Ion: 99 Resp: 1309328

Ion Ratio Lower Upper

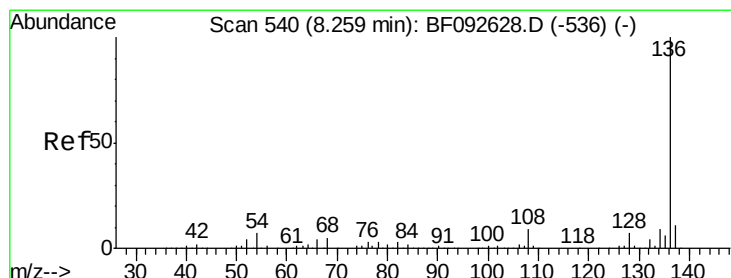
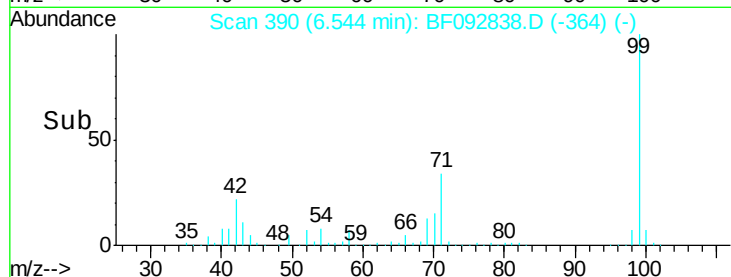
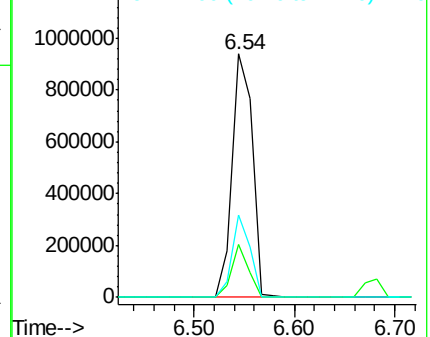
99 100

42 21.5 15.6 23.4

71 33.7 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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092838.D

Acq: 7 Feb 2017 19:51

Tgt Ion: 136 Resp: 590798

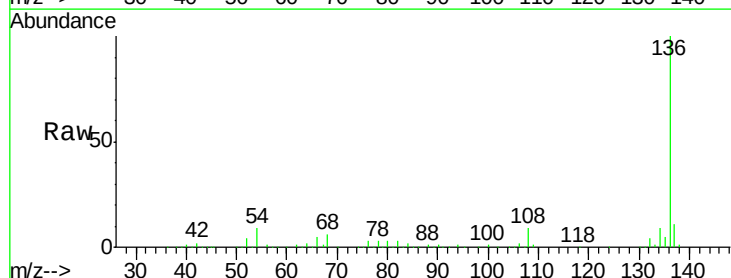
Ion Ratio Lower Upper

136 100

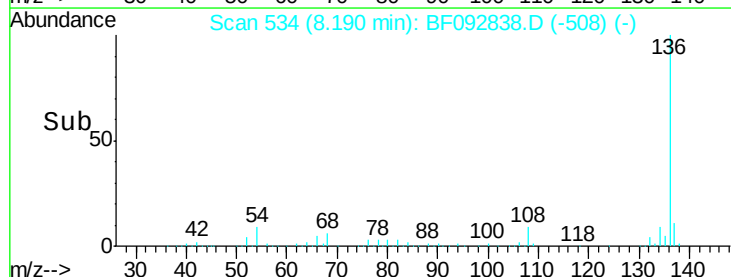
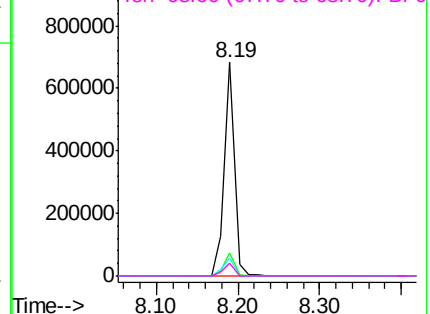
137 10.7 8.4 12.6

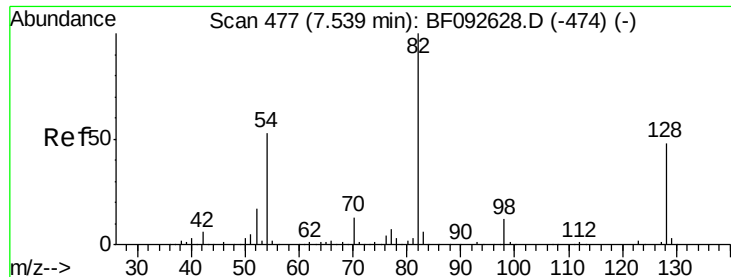
54 8.7 4.5 6.7#

68 6.0 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

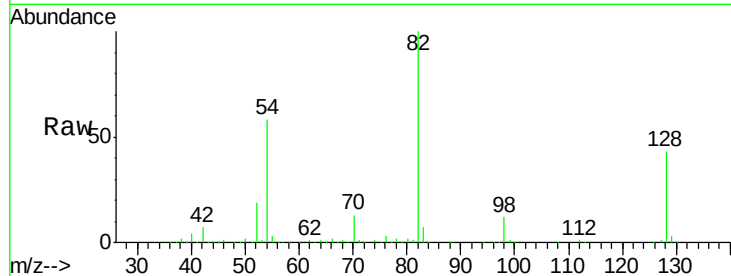




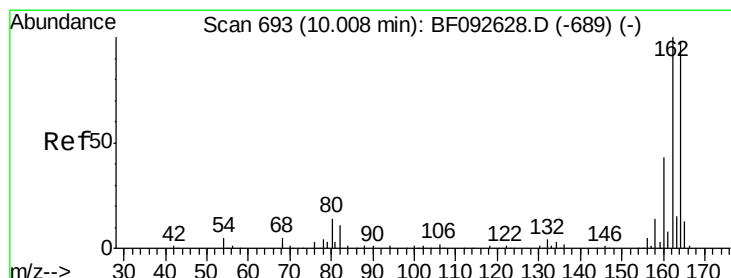
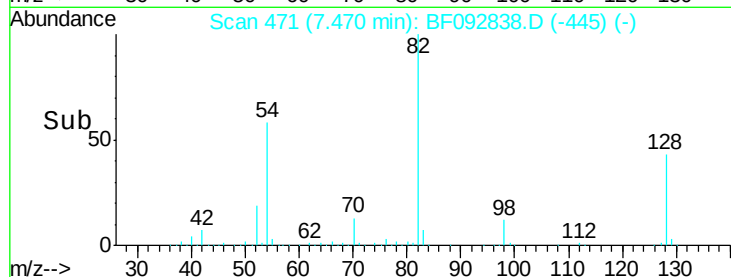
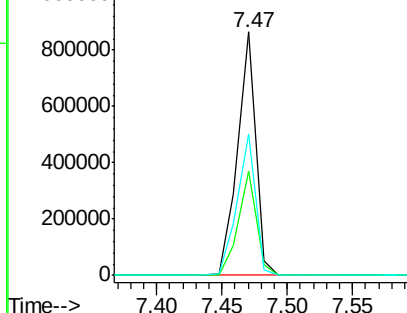
#23
 Nitrobenzene-d5
 Concen: 78.58 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092838.D
 Acq: 7 Feb 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	58.2	39.5	59.3

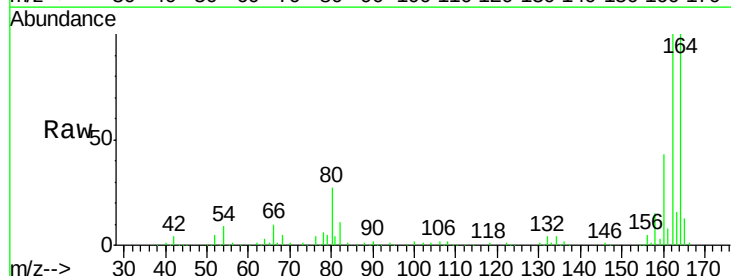


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

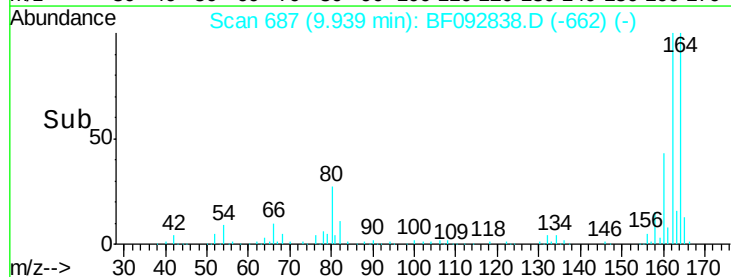
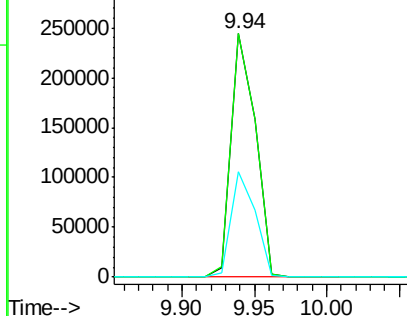


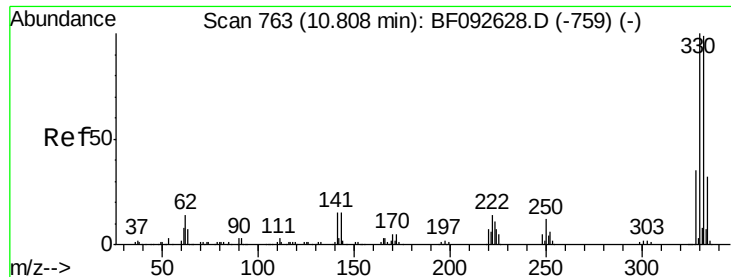
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF092838.D
 Acq: 7 Feb 2017 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	43.2	36.9	55.3



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

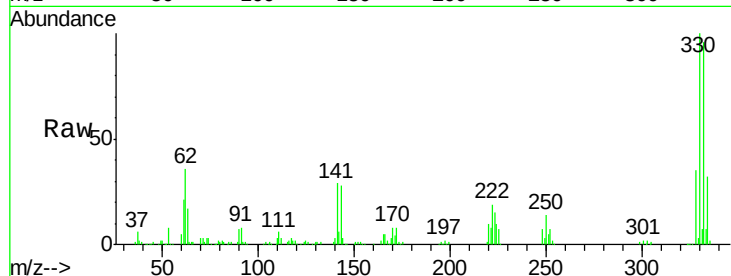




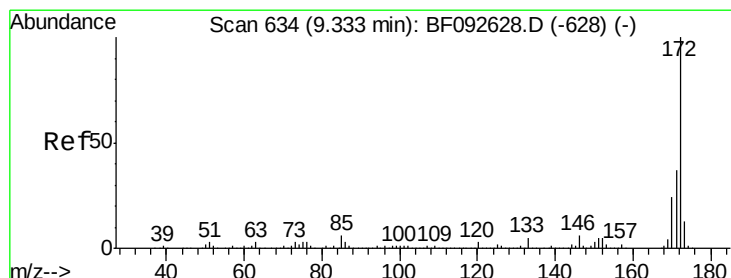
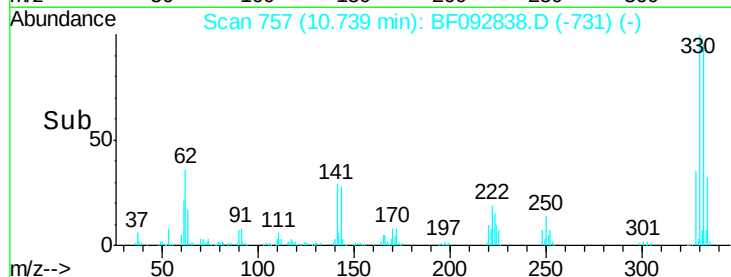
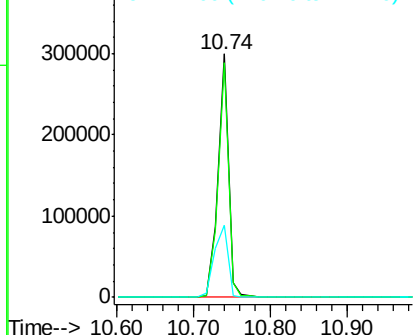
#41
 2,4,6-Tribromophenol
 Concen: 138.92 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF092838.D
 Acq: 7 Feb 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41-COMP

Tot Ion:330 Resp: 285974
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 37.9 34.1 51.1

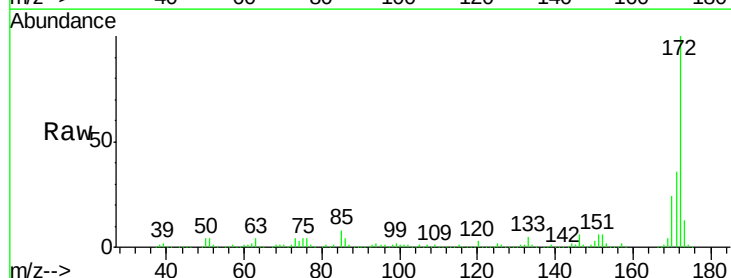


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

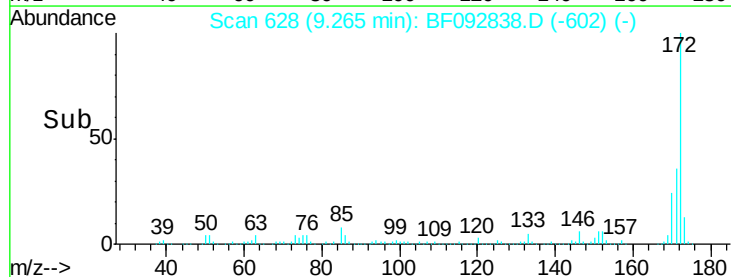
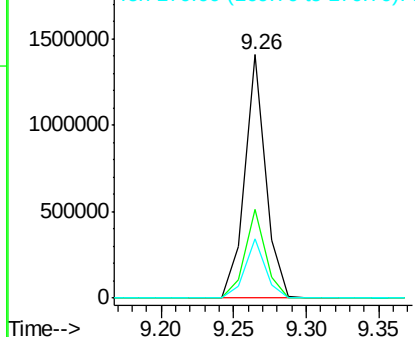


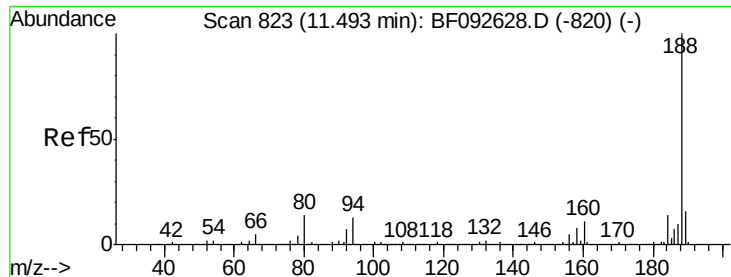
#44
 2-Fluorobiphenyl
 Concen: 90.19 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092838.D
 Acq: 7 Feb 2017 19:51

Tgt Ion:172 Resp: 1417015
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

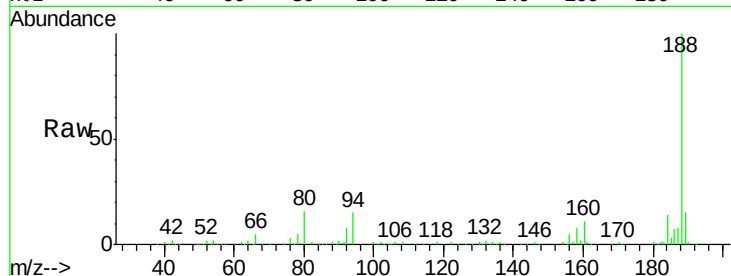




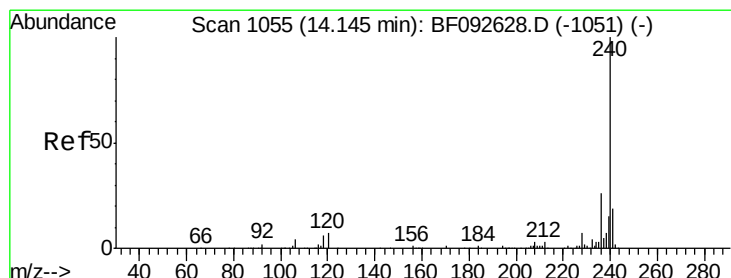
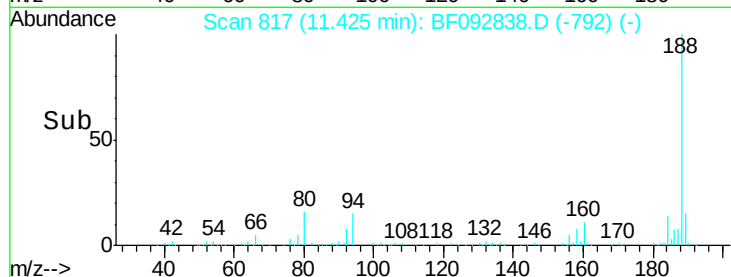
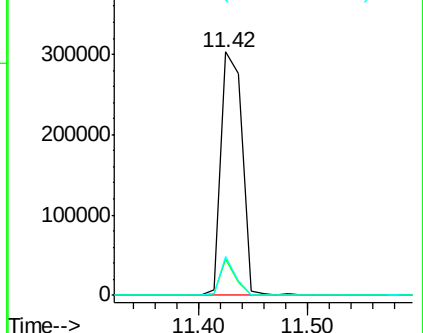
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092838.D
Acq: 7 Feb 2017 19:51

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41-COMP

Tot Ion:188 Resp: 410270
Ion Ratio Lower Upper
188 100
94 14.7 10.0 15.0
80 15.8 11.2 16.8

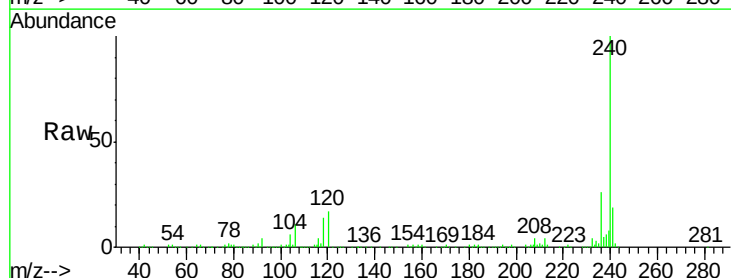


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

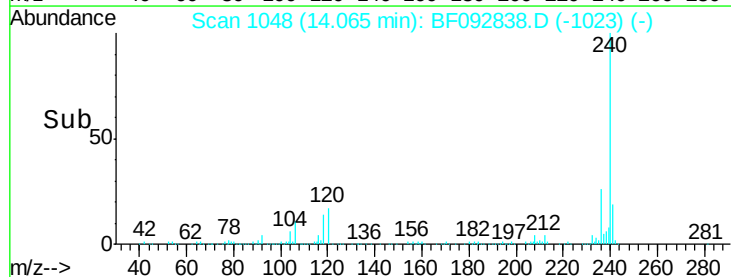
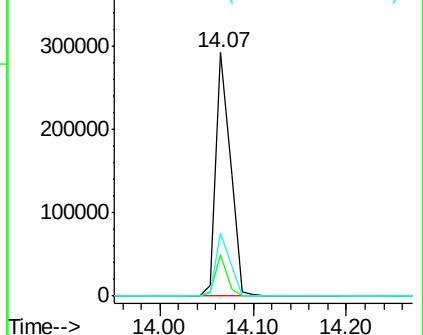


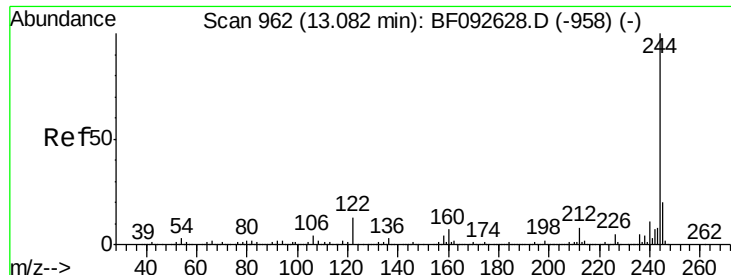
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092838.D
Acq: 7 Feb 2017 19:51

Tgt Ion:240 Resp: 315374
Ion Ratio Lower Upper
240 100
120 16.8 12.9 19.3
236 25.9 20.9 31.3



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: 87.87 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF092838.D

Acq: 7 Feb 2017 19:51

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-20-41-COMP

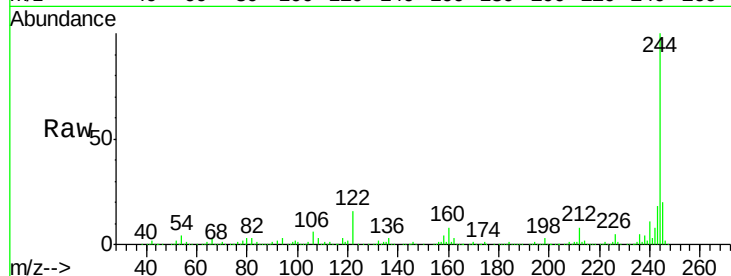
Tot Ion:244 Resp: 1179420

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 15.7 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1200000

1000000

800000

600000

400000

200000

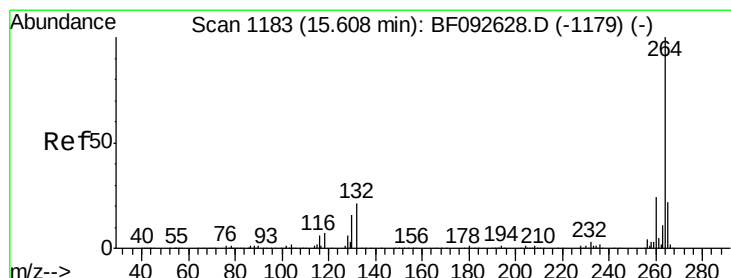
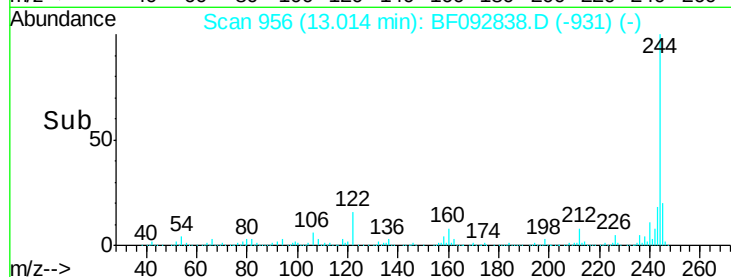
0

13.01

13.00

13.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF092838.D

Acq: 7 Feb 2017 19:51

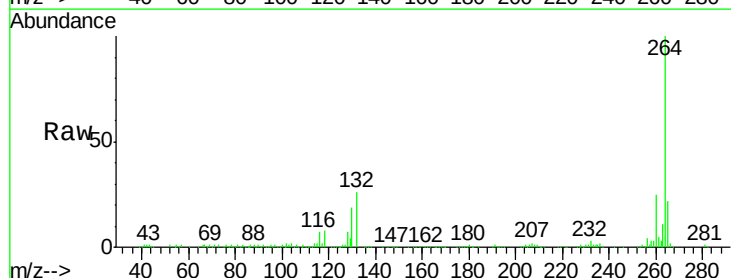
Tgt Ion:264 Resp: 267170

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

250000

200000

150000

100000

50000

0

15.52

15.40

15.60

15.70

Time-->

