

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092931.D
 Acq On : 13 Feb 2017 21:13
 Operator : SJ/MA
 Sample : I1790-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-FB021017

Quant Time: Feb 14 02:16:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	132999	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	554039	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	309853	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	517703	20.00	ng	0.00
75) Chrysene-d12	14.04	240	442857	20.00	ng	-0.01
86) Perylene-d12	15.47	264	392372	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	482822	62.28	ng	0.00
7) Phenol-d6	6.51	99	361232	36.22	ng	-0.02
23) Nitrobenzene-d5	7.45	82	876491	88.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	279732	124.82	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1521141	88.94	ng	0.00
78) Terphenyl-d14	12.99	244	1471656	78.08	ng	0.00

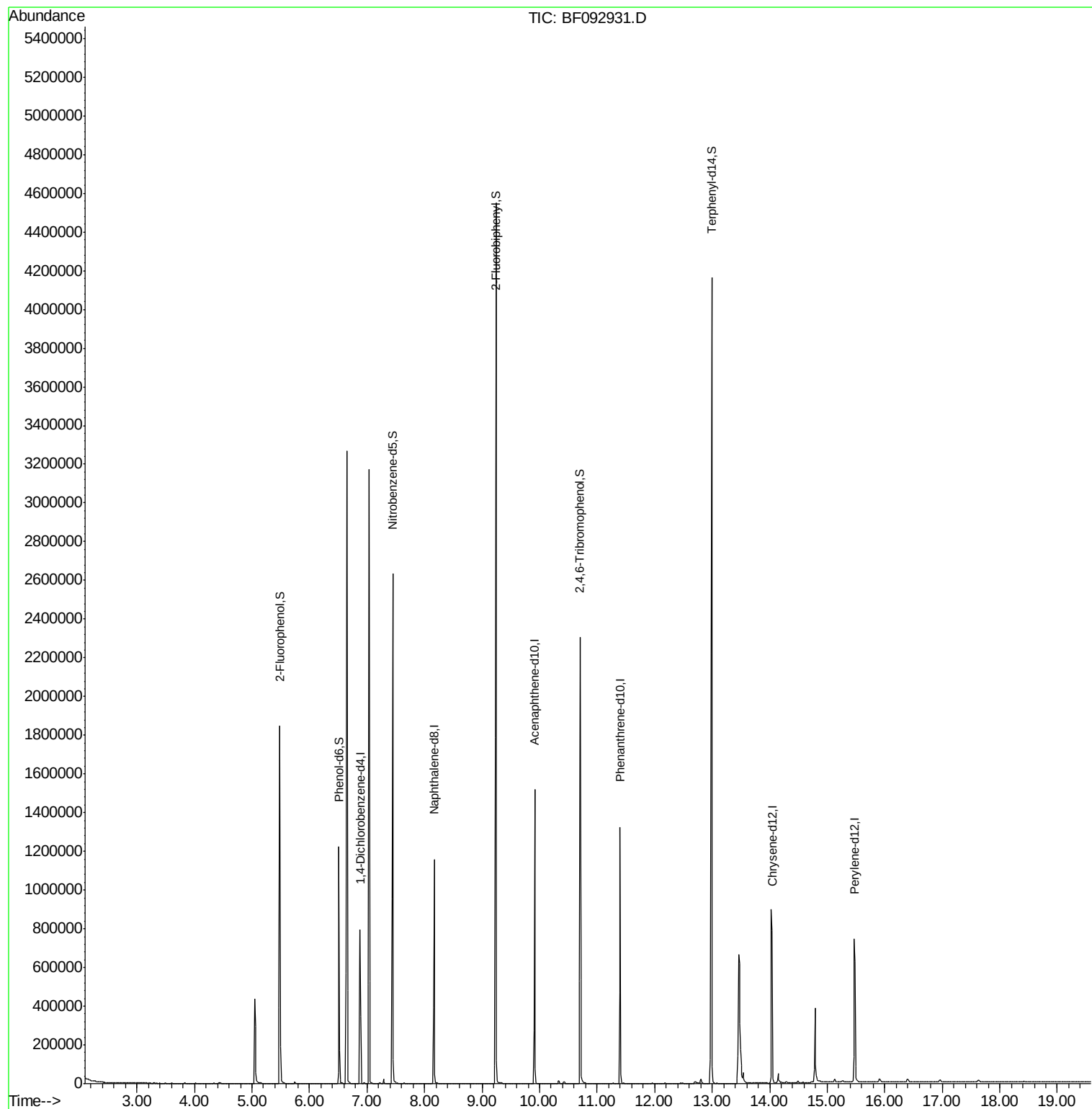
Target Compounds	Qvalue
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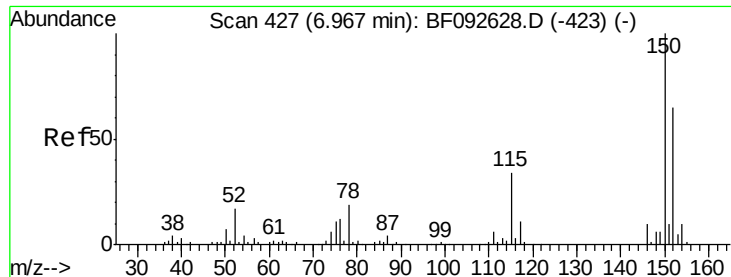
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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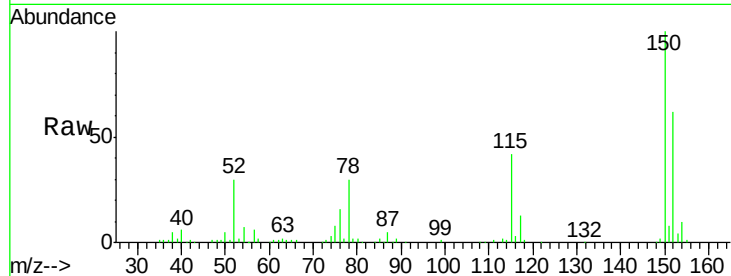


#1

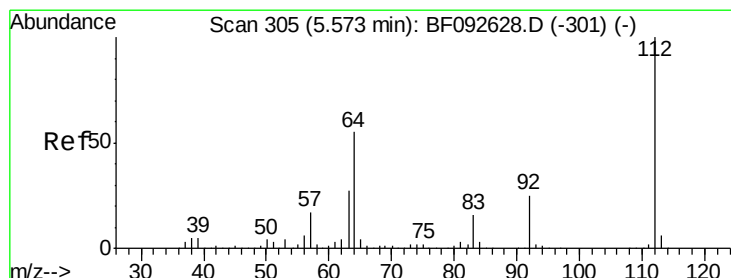
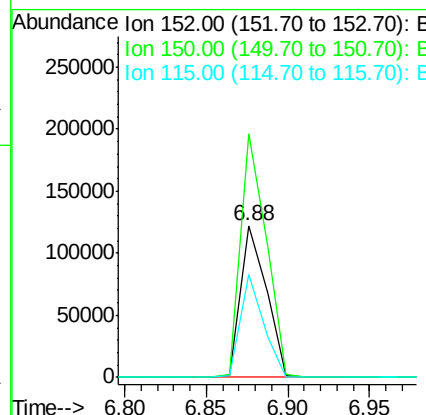
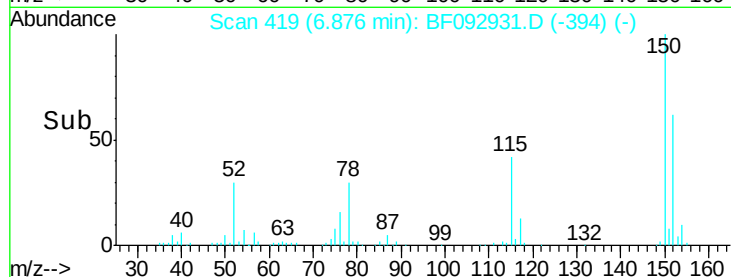
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092931.D
 Acq: 13 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 38-FB021017

Tgt Ion:152 Resp: 132999
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.9 187.3
 115 67.5 46.0 69.0



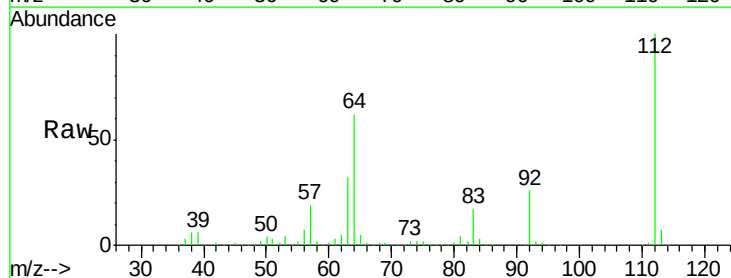
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



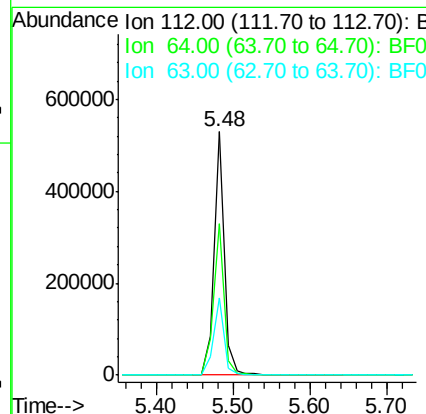
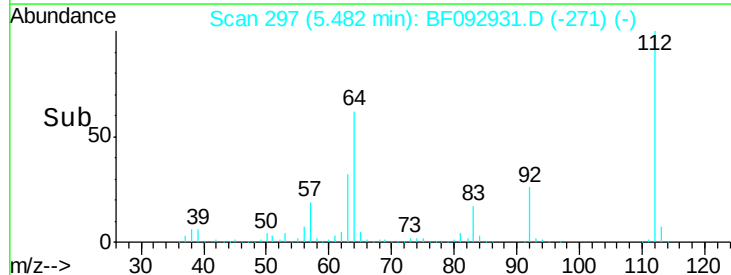
#5

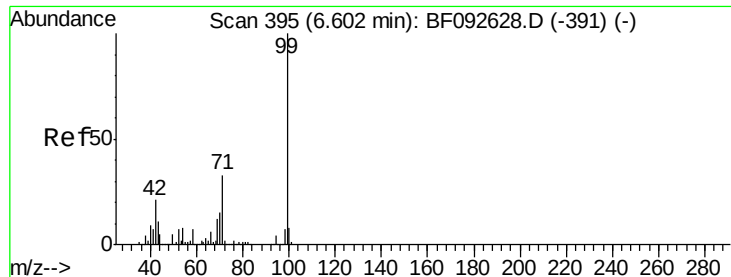
2-Fluorophenol
 Concen: 62.28 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF092931.D
 Acq: 13 Feb 2017 21:13

Tgt Ion:112 Resp: 482822
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.1 69.1
 63 31.6 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: 36.22 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092931.D

Acq: 13 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

38-FB021017

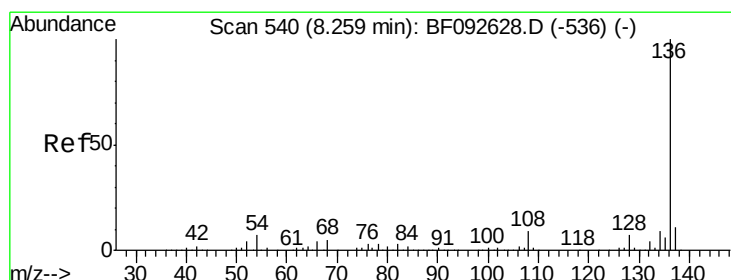
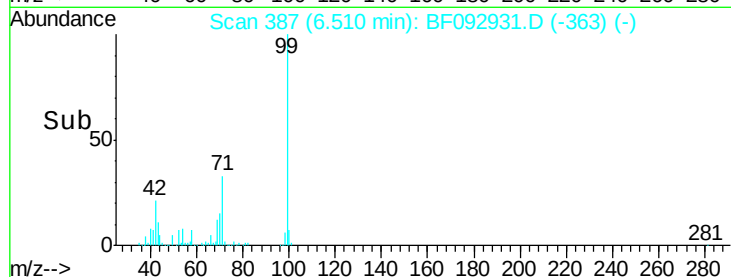
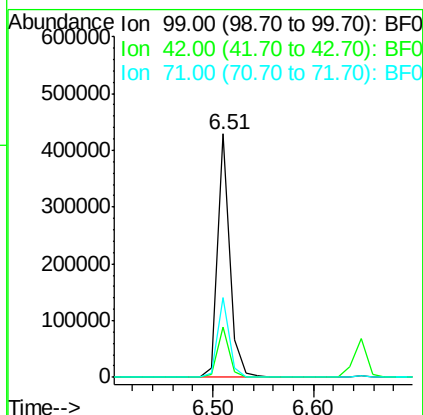
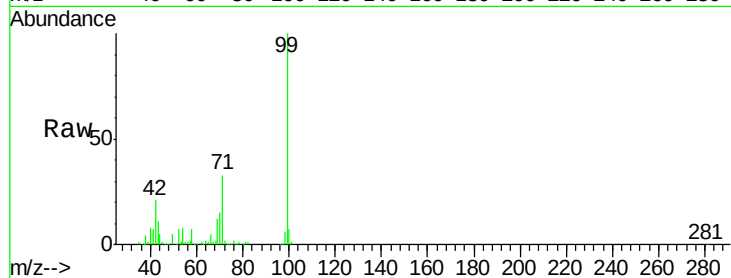
Tgt Ion: 99 Resp: 361232

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

71 32.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092931.D

Acq: 13 Feb 2017 21:13

Tgt Ion: 136 Resp: 554039

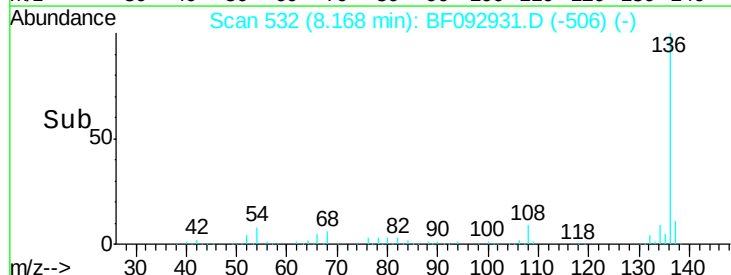
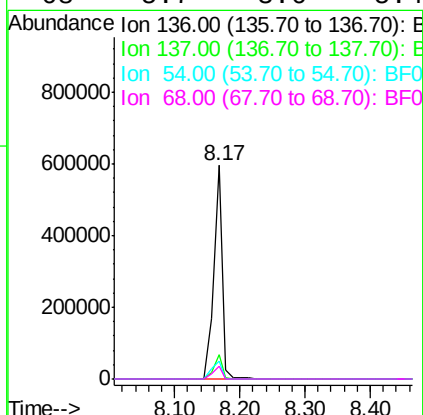
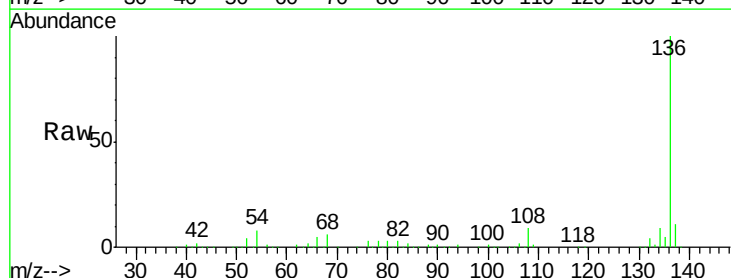
Ion Ratio Lower Upper

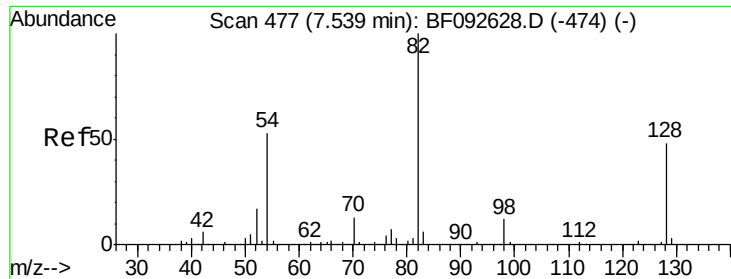
136 100

137 11.1 8.4 12.6

54 8.3 4.5 6.7#

68 5.7 3.6 5.4#

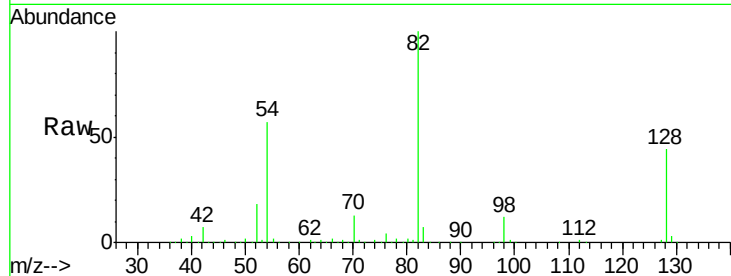




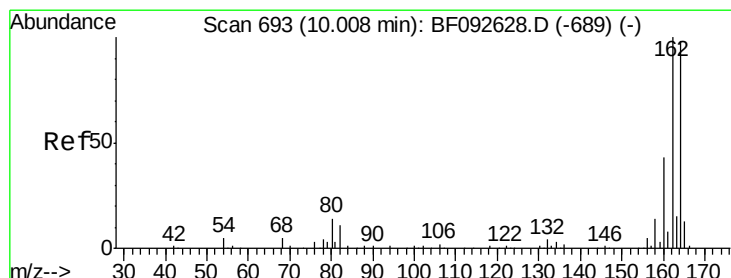
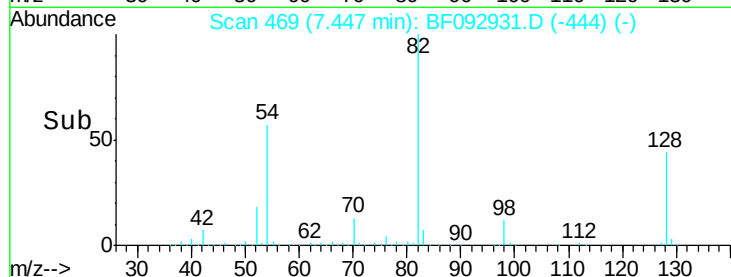
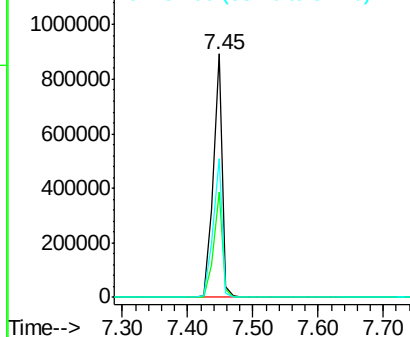
#23
 Nitrobenzene-d5
 Concen: 88.10 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092931.D
 Acq: 13 Feb 2017 21:13

Instrument :
 BNA_F
 ClientSampleId :
 38-FB021017

Tgt Ion: 82 Resp: 876491
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 56.9 39.5 59.3

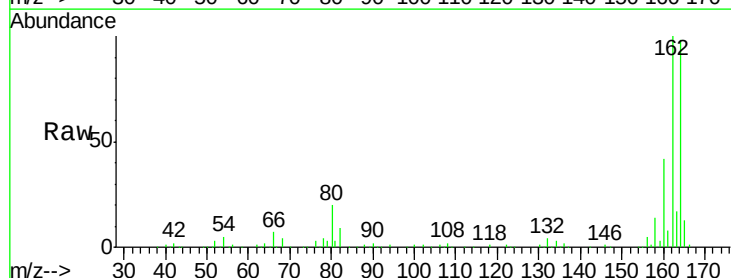


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

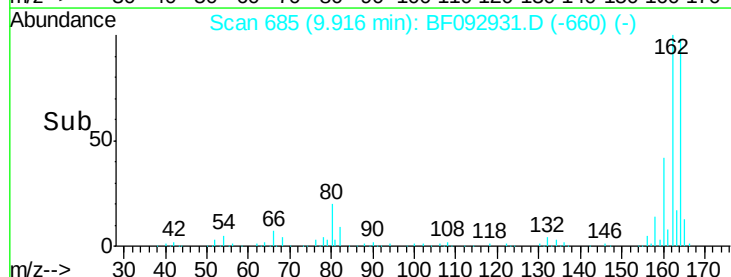
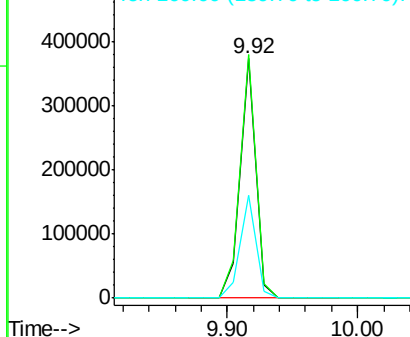


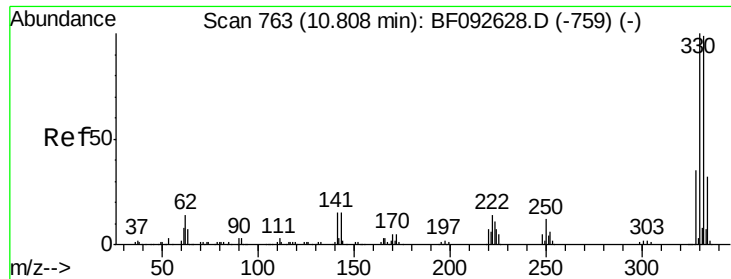
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092931.D
 Acq: 13 Feb 2017 21:13

Tgt Ion: 164 Resp: 309853
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 42.9 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

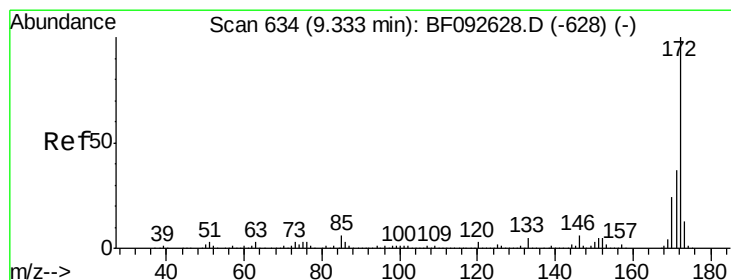
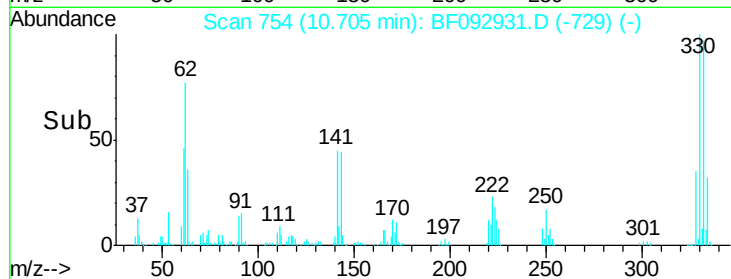
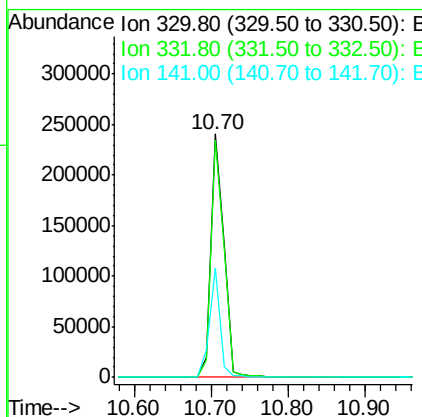
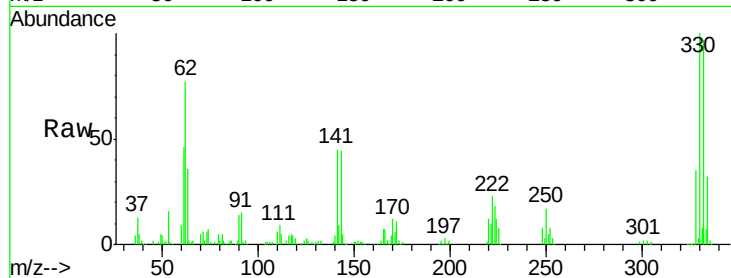




#41
 2,4,6-Tribromophenol
 Concen: 124.82 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092931.D
 Acq: 13 Feb 2017 21:13

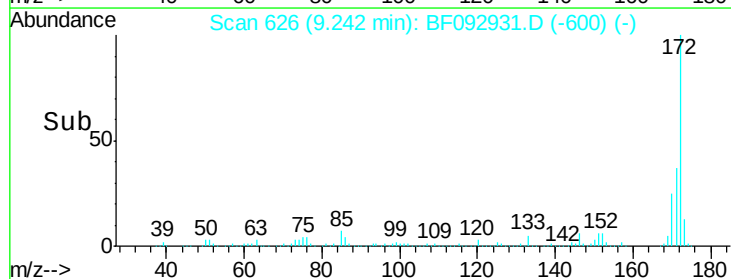
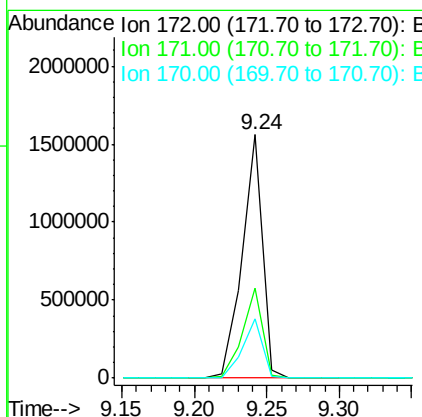
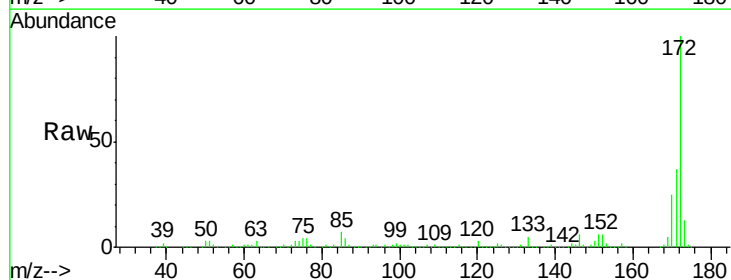
Instrument :
 BNA_F
 ClientSampleId :
 38-FB021017

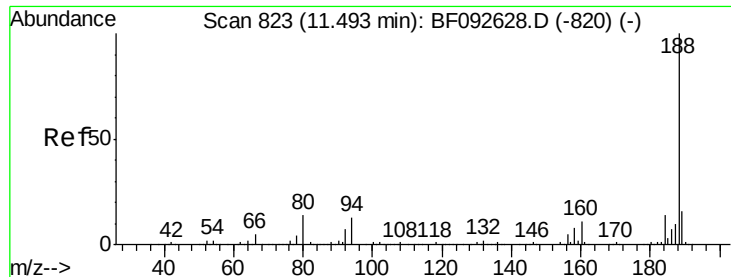
Tgt Ion:330 Resp: 279732
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 36.7 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 88.94 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092931.D
 Acq: 13 Feb 2017 21:13

Tgt Ion:172 Resp: 1521141
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 20.2 30.4

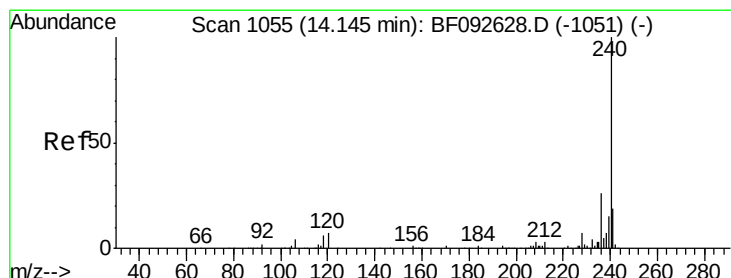
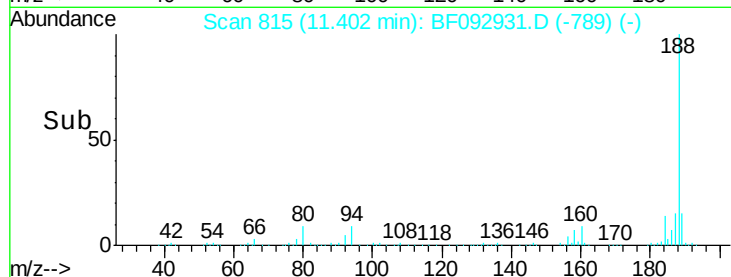
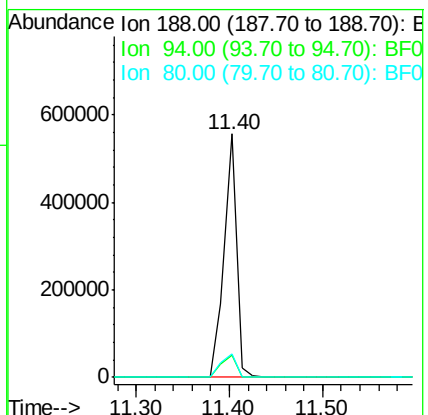
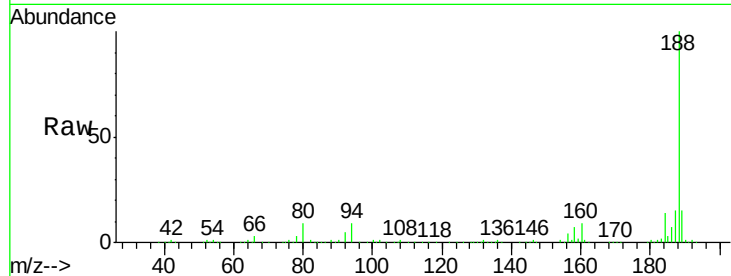




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092931.D
Acq: 13 Feb 2017 21:13

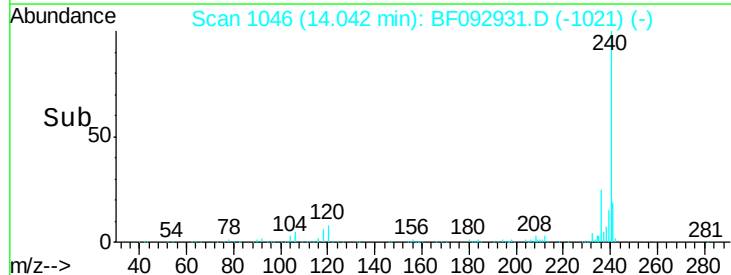
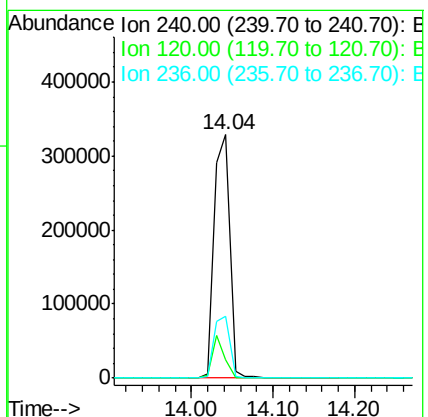
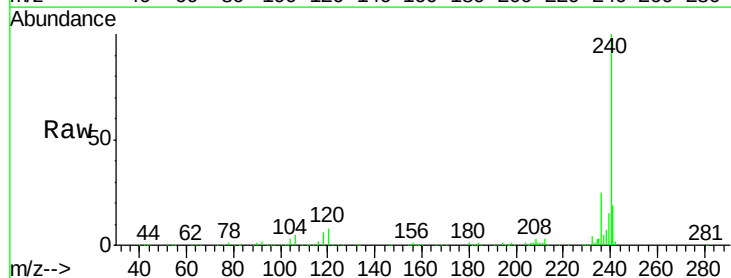
Instrument :
BNA_F
ClientSampleId :
38-FB021017

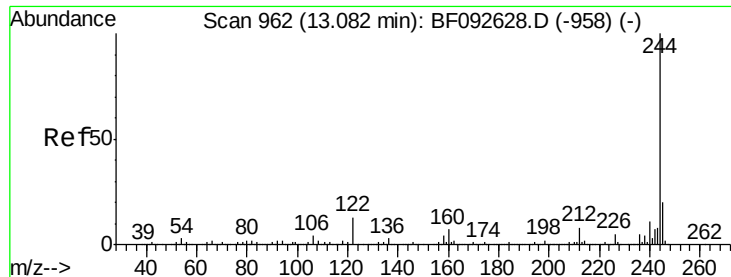
Tgt Ion:188 Resp: 517703
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092931.D
Acq: 13 Feb 2017 21:13

Tgt Ion:240 Resp: 442857
Ion Ratio Lower Upper
240 100
120 7.6 12.9 19.3#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 78.08 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF092931.D

Acq: 13 Feb 2017 21:13

Instrument :

BNA_F

ClientSampleId :

38-FB021017

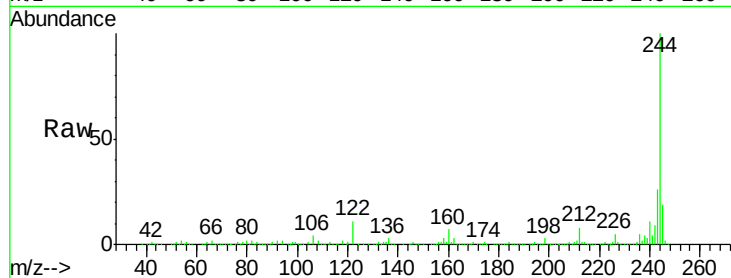
Tgt Ion:244 Resp: 1471656

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

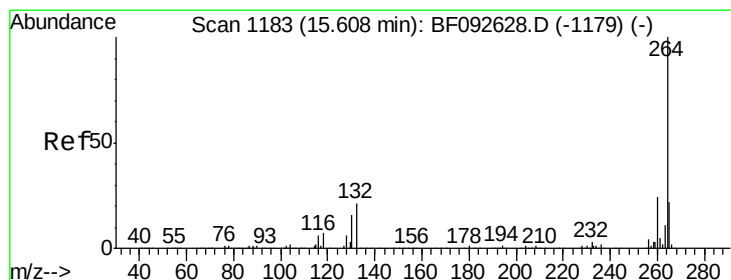
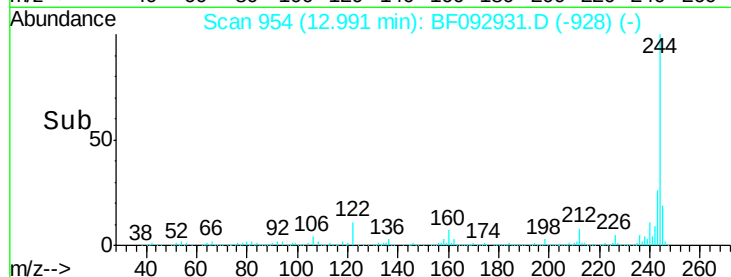
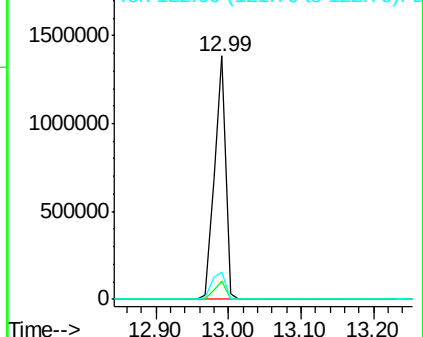
122 11.3 11.4 17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF092931.D

Acq: 13 Feb 2017 21:13

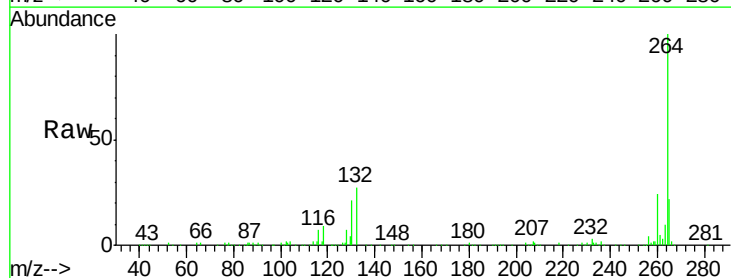
Tgt Ion:264 Resp: 392372

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.4 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

