

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
 Data File : BF086287.D
 Acq On : 18 Apr 2016 17:42
 Operator : UM/SJ
 Sample : H2413-06 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-F-6(0-2)

Quant Time: Apr 19 02:02:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	301307	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1115823	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	482038	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	692685	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	513901	20.00	ng	-0.01
86) Perylene-d12	15.47	264	462014	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	482189	26.22	ng	-0.01
7) Phenol-d6	6.50	99	585517	25.45	ng	-0.02
23) Nitrobenzene-d5	7.45	82	358915	18.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	84804	21.91	ng	-0.02
44) 2-Fluorobiphenyl	9.24	172	489684	18.75	ng	-0.02
78) Terphenyl-d14	12.99	244	267982	13.11	ng	-0.01

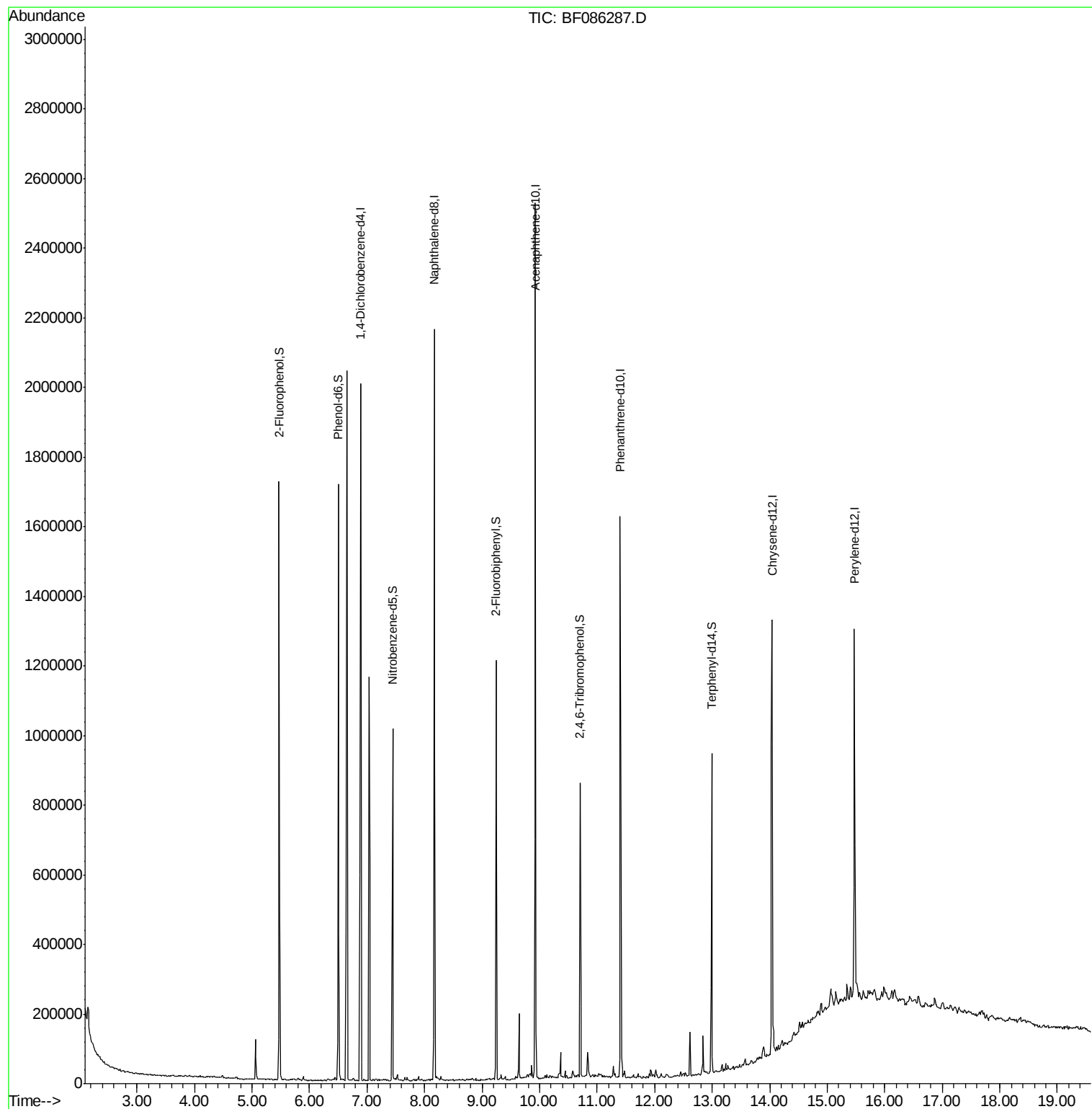
Target Compounds Qvalue

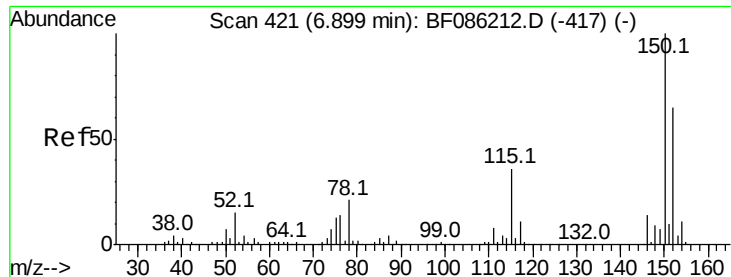
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SP-2-F-6(0-2)

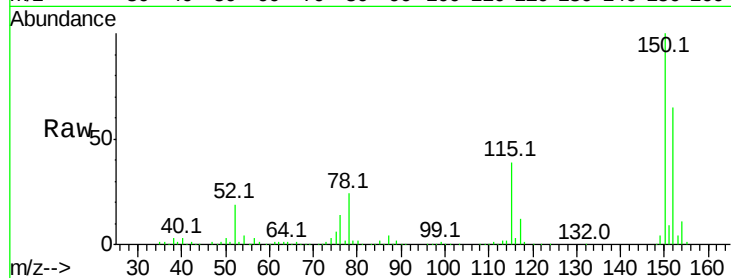
Tot Ion:152 Resp: 301307

Ion Ratio Lower Upper

152 100

150 154.9 124.1 186.1

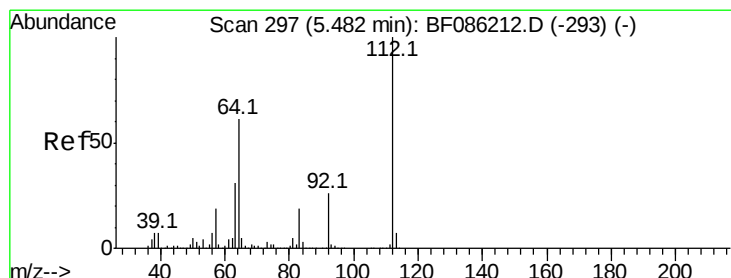
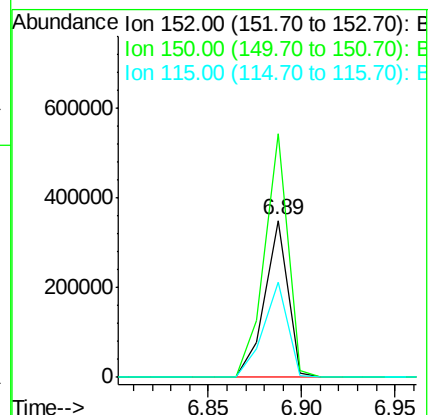
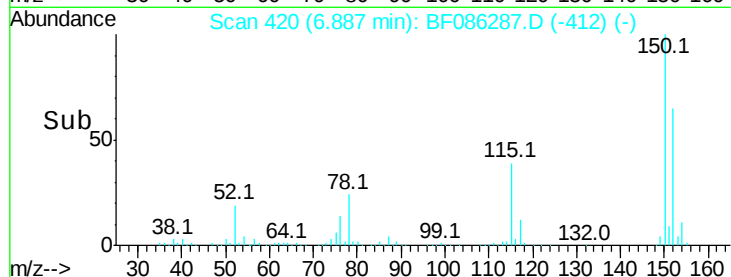
115 60.3 43.9 65.9



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: 26.22 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

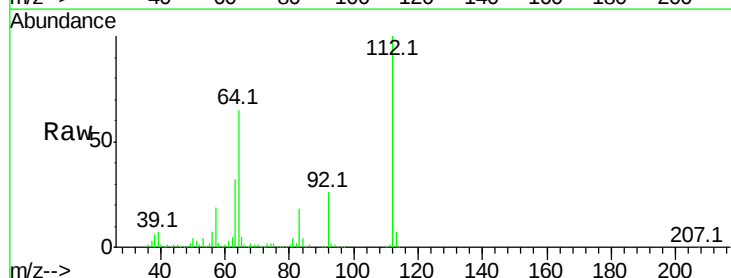
Tgt Ion:112 Resp: 482189

Ion Ratio Lower Upper

112 100

64 64.9 48.1 72.1

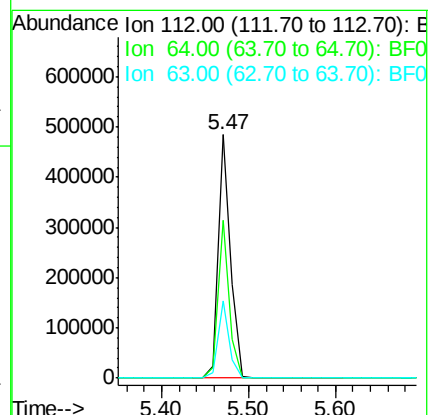
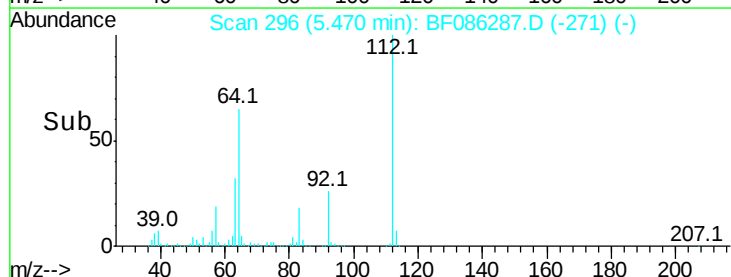
63 31.5 25.5 38.3

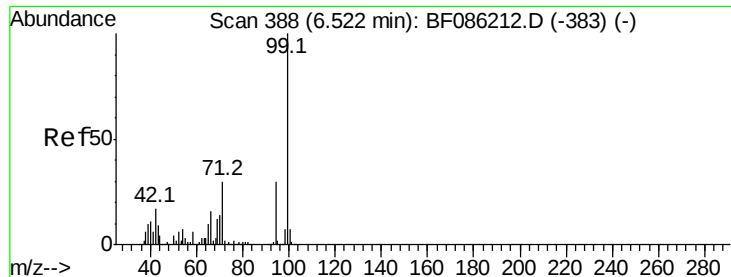


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SP-2-F-6(0-2)

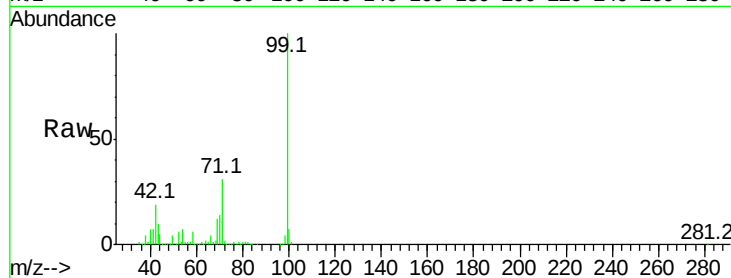
Tot Ion: 99 Resp: 585517

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.2

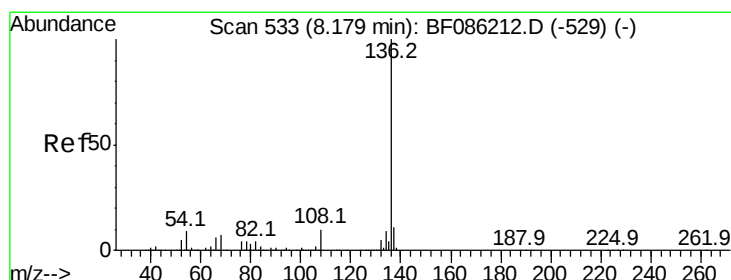
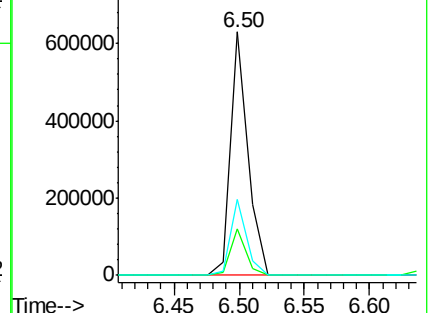
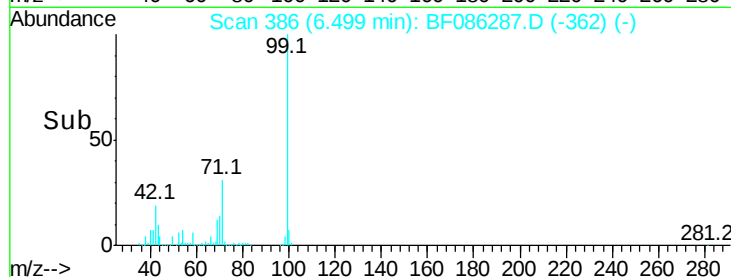
71 31.0 25.6 38.4



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: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

Tgt Ion: 136 Resp: 1115823

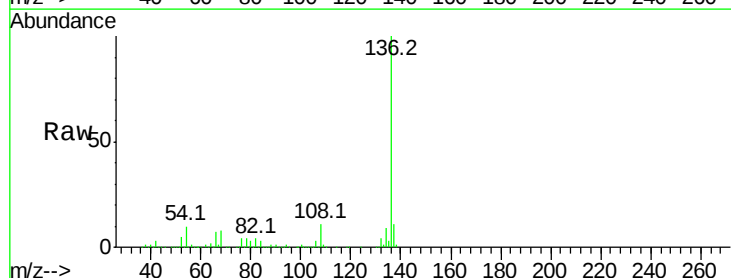
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.1 7.3 10.9

68 8.0 5.7 8.5

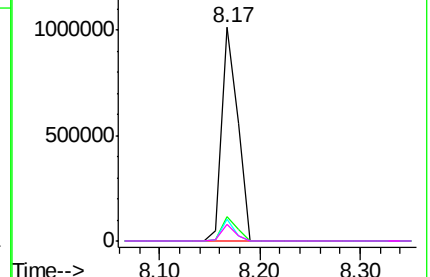
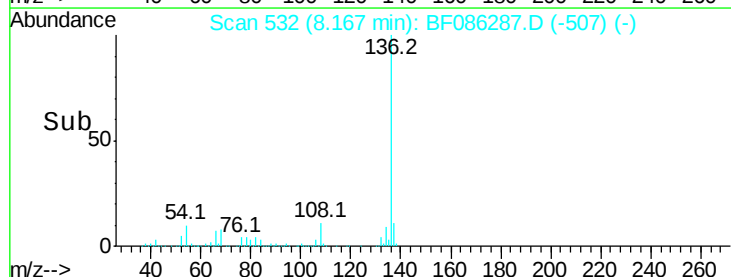


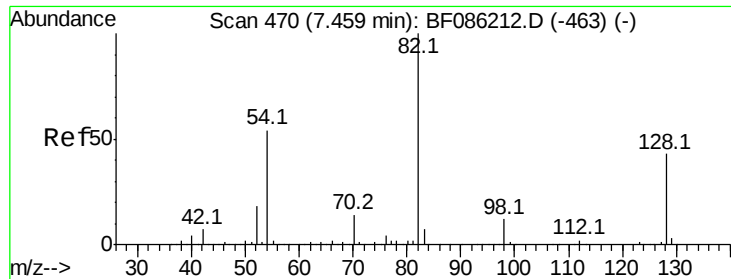
Abundance Ion 136.00 (135.70 to 136.70): E

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

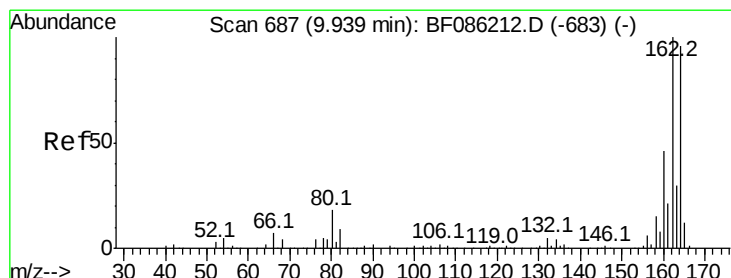
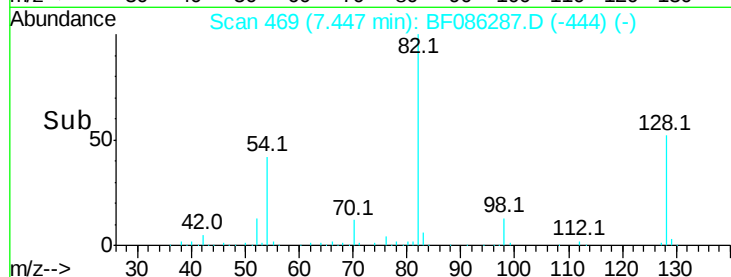
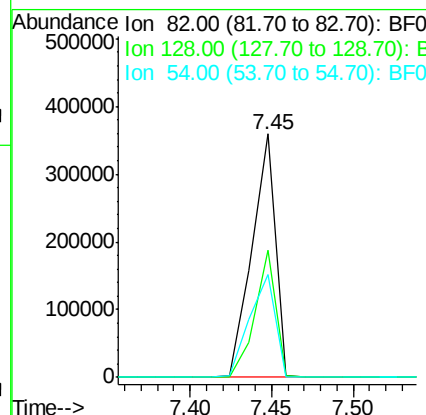
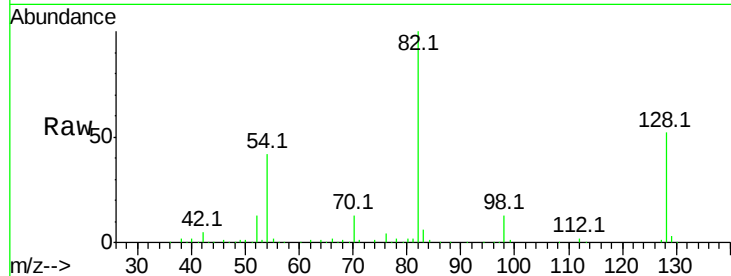




#23
 Nitrobenzene-d5
 Concen: 18.55 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF086287.D
 Acq: 18 Apr 2016 17:42

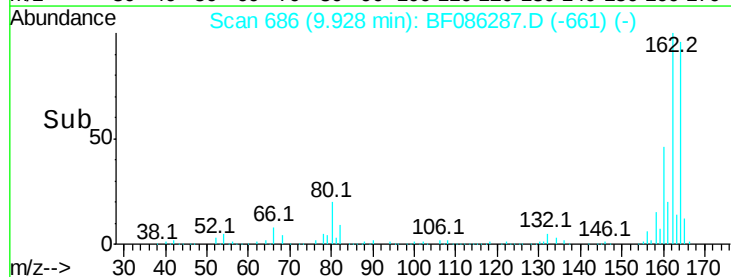
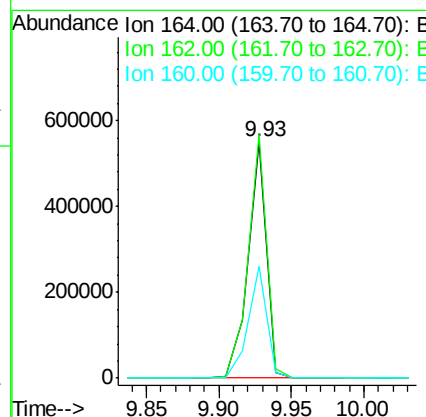
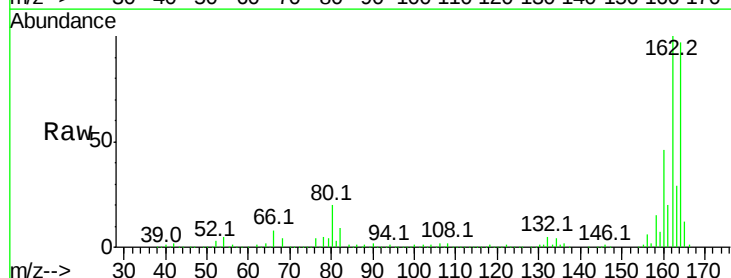
Instrument :
 BNA_F
 ClientSampleId :
 SP-2-F-6(0-2)

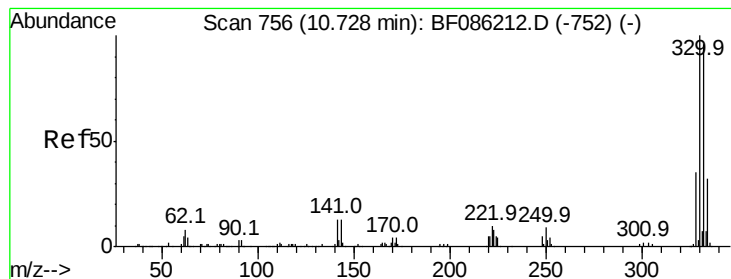
Tot Ion	82	Resp	358915
Ion Ratio	100	Lower	Upper
128	52.0	35.4	53.2
54	42.3	43.4	65.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086287.D
 Acq: 18 Apr 2016 17:42

Tgt Ion	164	Resp	482038
Ion Ratio	100	Lower	Upper
162	103.1	82.8	124.2
160	47.6	38.9	58.3





#41

2,4,6-Tribromophenol

Concen: 21.91 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SP-2-F-6(0-2)

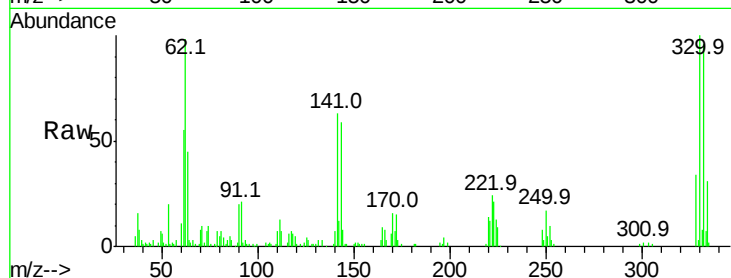
Tot Ion:330 Resp: 84804

Ion Ratio Lower Upper

330 100

332 97.2 78.7 118.1

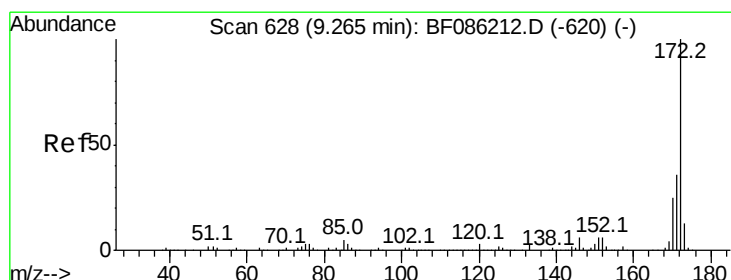
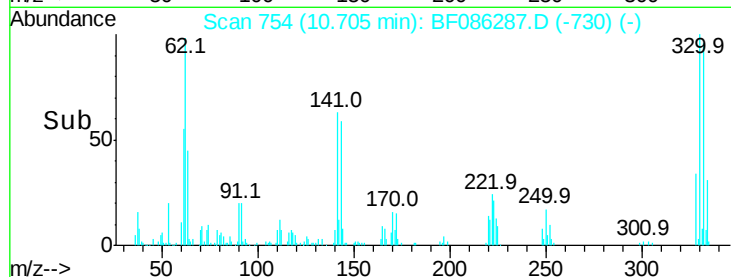
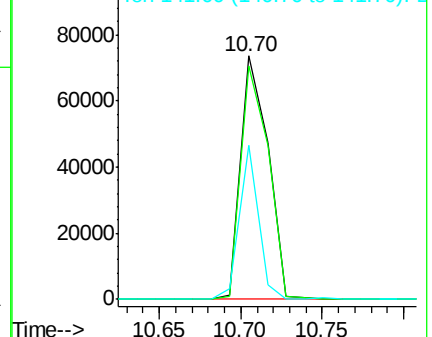
141 44.1 28.6 42.8#



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: 18.75 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

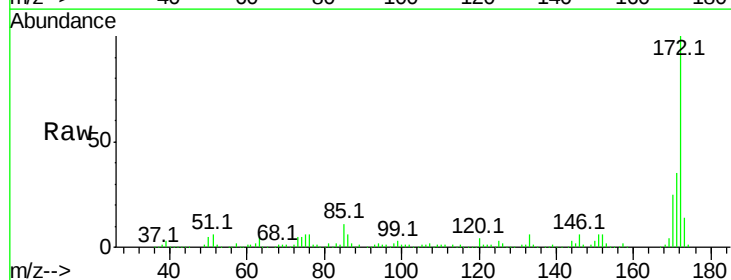
Tgt Ion:172 Resp: 489684

Ion Ratio Lower Upper

172 100

171 35.2 29.1 43.7

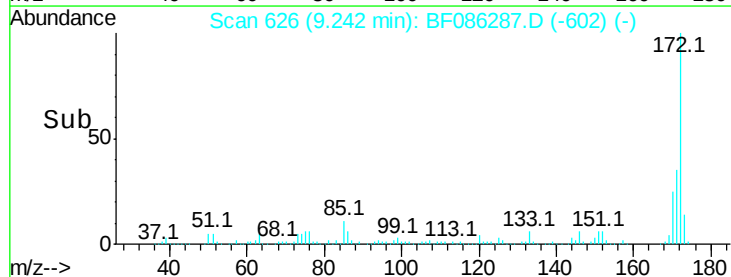
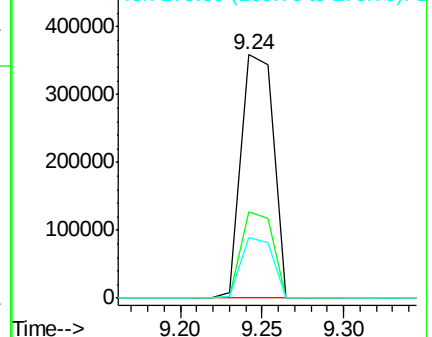
170 24.8 19.9 29.9

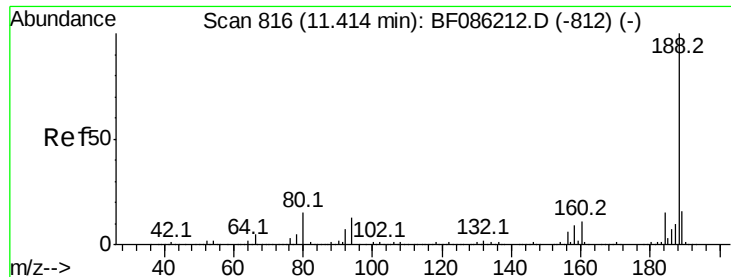


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

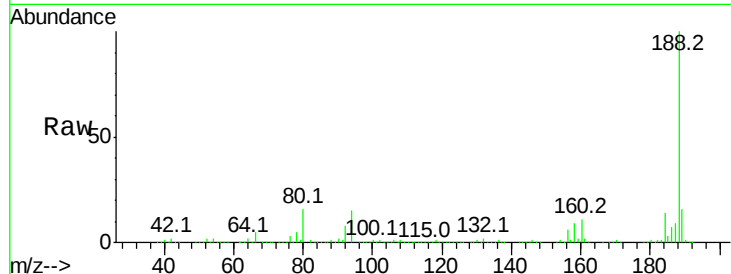




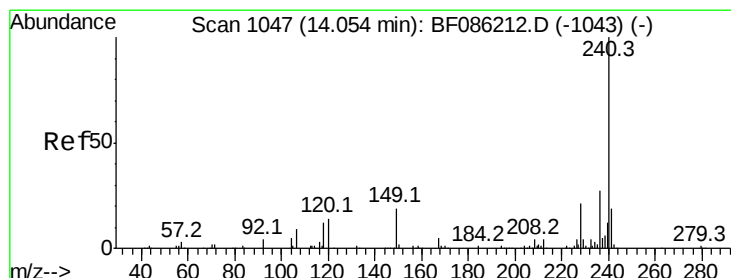
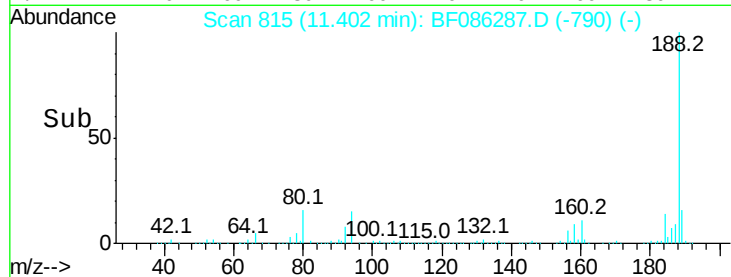
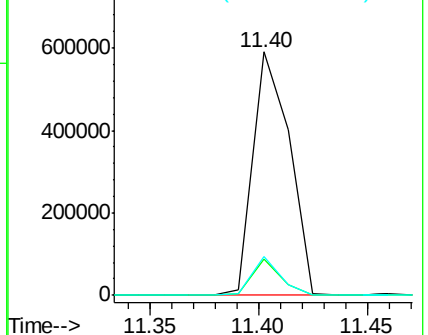
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF086287.D
Acq: 18 Apr 2016 17:42

Instrument :
BNA_F
ClientSampleId :
SP-2-F-6(0-2)

Tot Ion:188 Resp: 692685
Ion Ratio Lower Upper
188 100
94 15.1 9.8 14.8#
80 16.1 10.5 15.7#

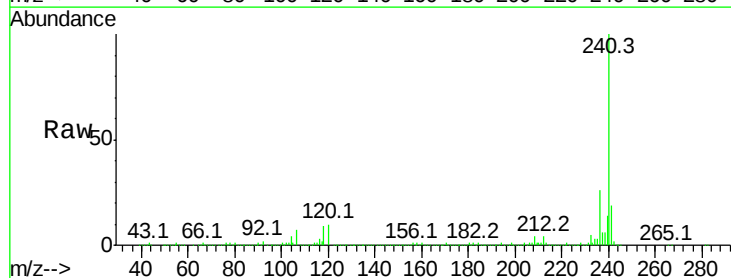


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

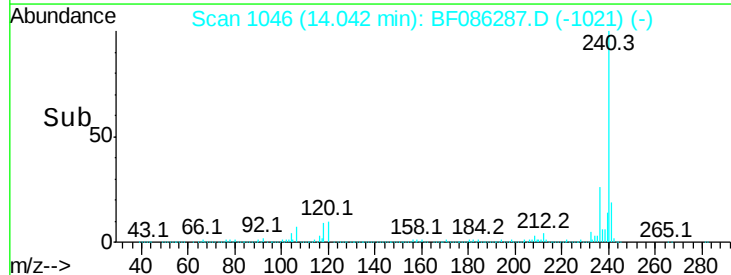
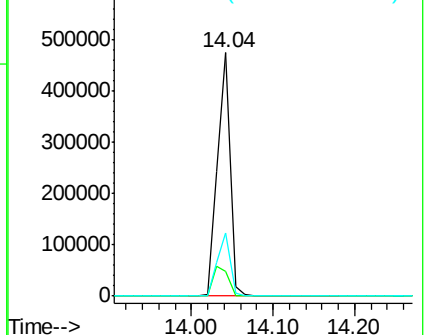


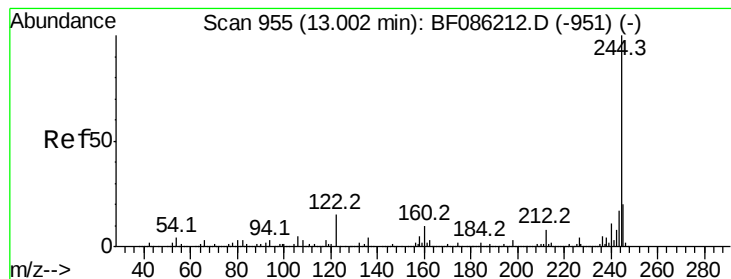
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086287.D
Acq: 18 Apr 2016 17:42

Tgt Ion:240 Resp: 513901
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 25.9 21.1 31.7



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: 13.11 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

Instrument :

BNA_F

ClientSampleId :

SP-2-F-6(0-2)

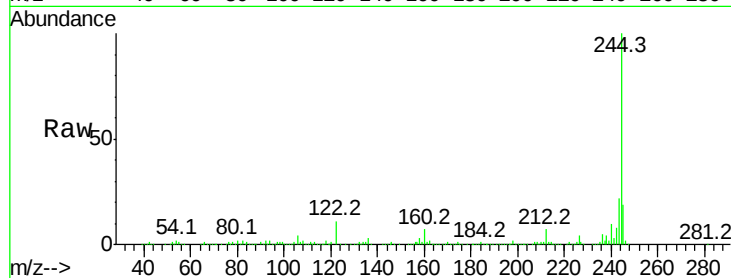
Tot Ion:244 Resp: 267982

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

122 11.0 11.7 17.5#



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

12.99

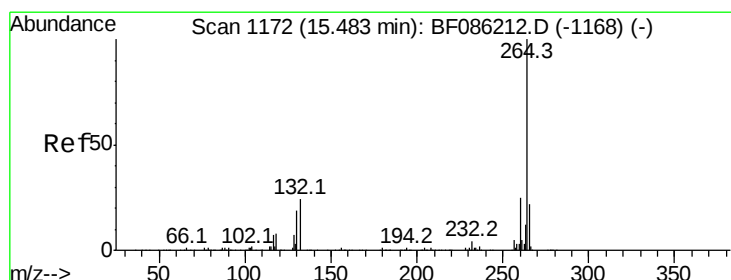
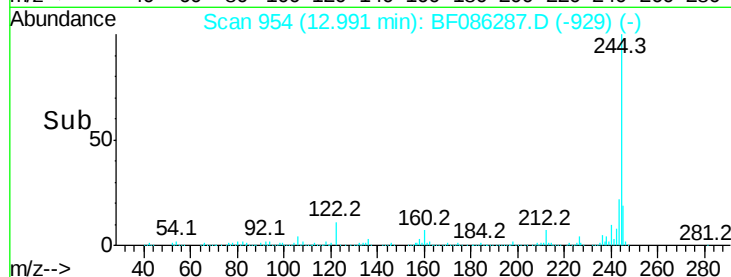
300000

200000

100000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF086287.D

Acq: 18 Apr 2016 17:42

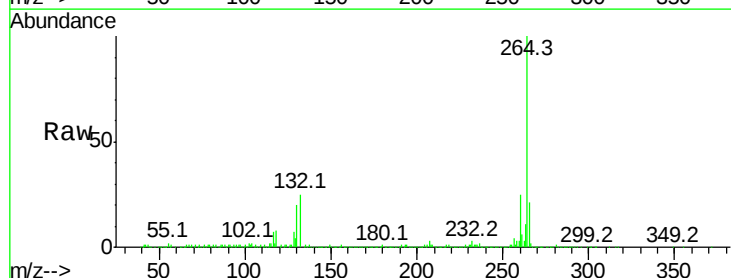
Tgt Ion:264 Resp: 462014

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 21.3 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

15.47

500000

400000

300000

200000

100000

0

Time-->

