

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050316\
 Data File : BF086662.D
 Acq On : 4 May 2016 00:54
 Operator : UM/SJ
 Sample : H2716-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-3(16-23FTBGS)

Quant Time: May 04 05:39:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	180740	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	680031	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	279717	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	418581	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	339060	20.00	ng	-0.07
86) Perylene-d12	15.29	264	247218	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	979759	93.50	ng	-0.03
7) Phenol-d6	6.40	99	1206744	82.51	ng	-0.05
23) Nitrobenzene-d5	7.32	82	882193	69.93	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	245973	83.39	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1243309	75.96	ng	-0.06
78) Terphenyl-d14	12.85	244	945791	61.45	ng	-0.06

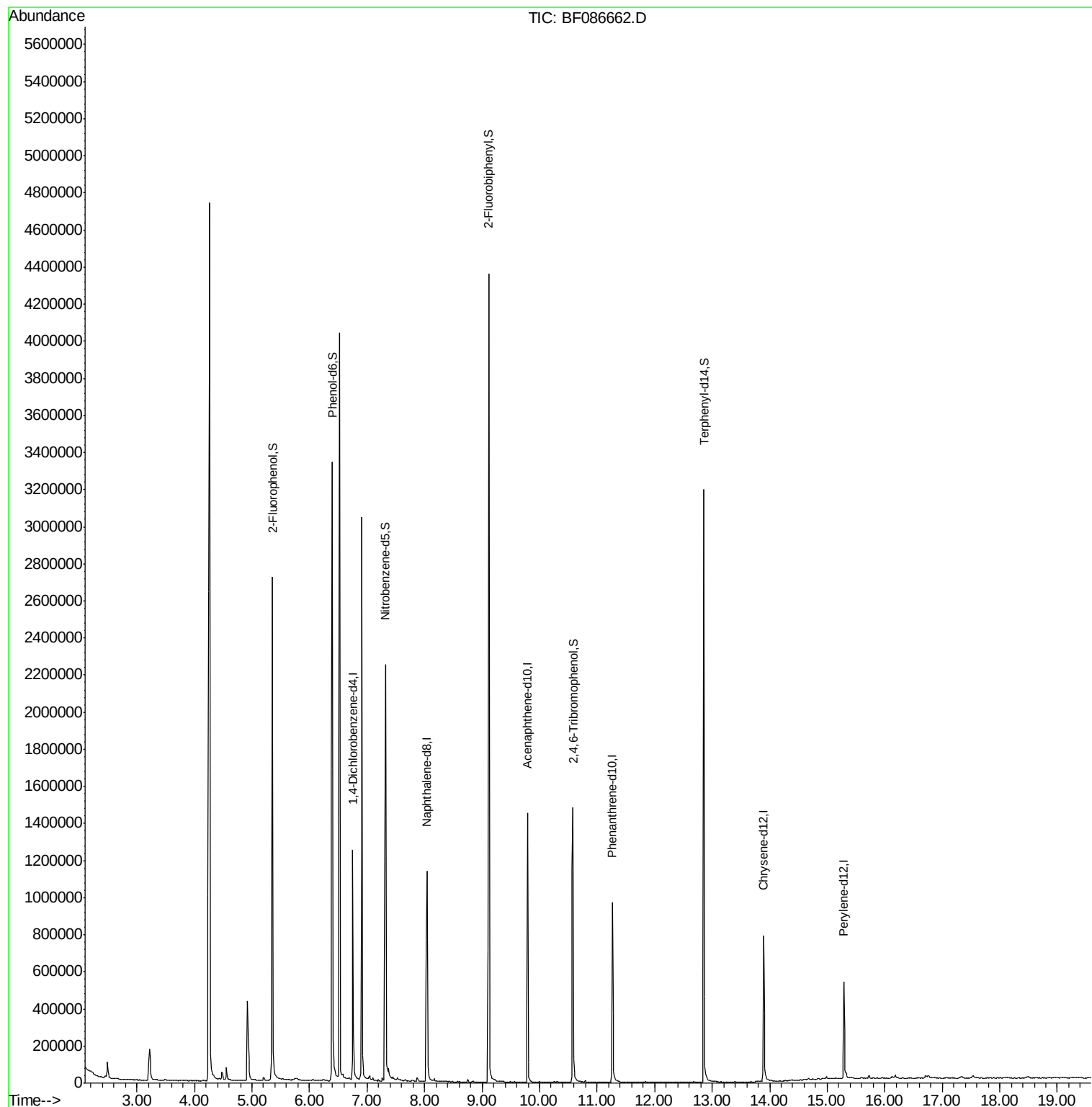
Target Compounds Qvalue

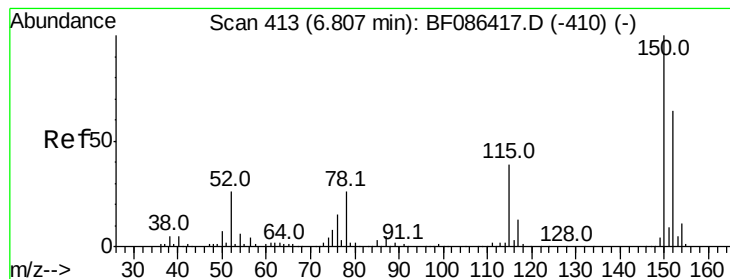
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

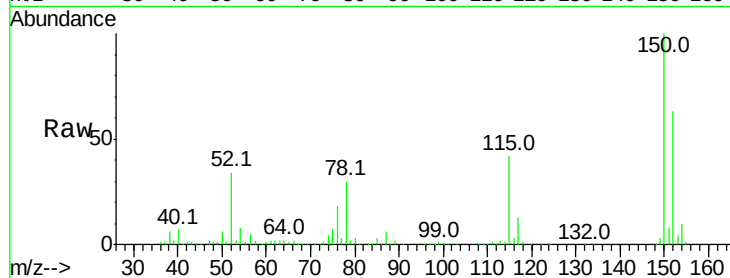
Tot Ion:152 Resp: 180740

Ion Ratio Lower Upper

152 100

150 159.2 125.8 188.6

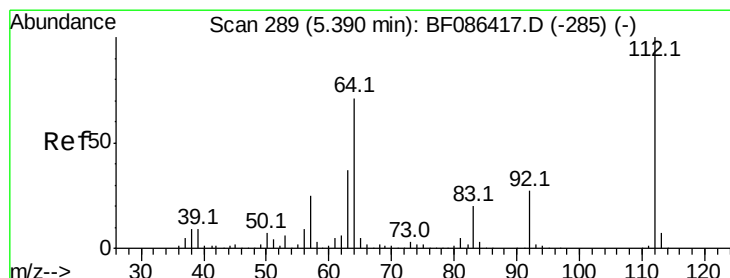
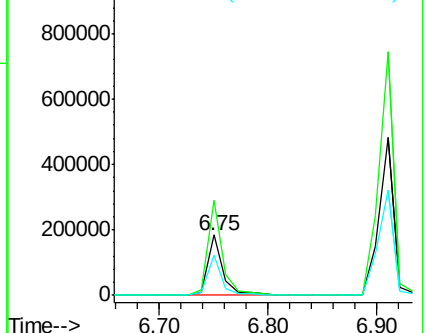
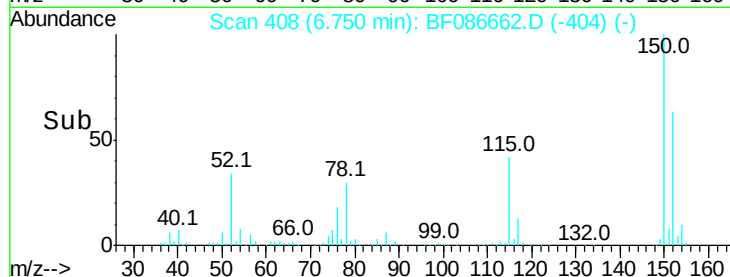
115 66.9 51.5 77.3



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: 93.50 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

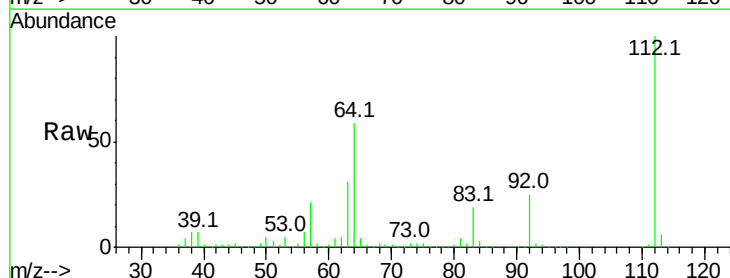
Tgt Ion:112 Resp: 979759

Ion Ratio Lower Upper

112 100

64 59.2 52.1 78.1

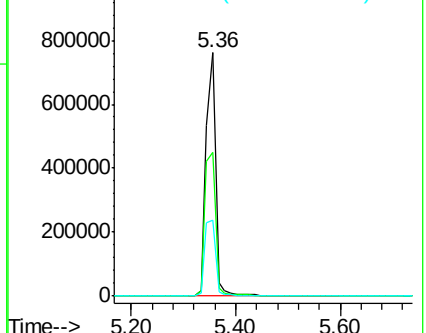
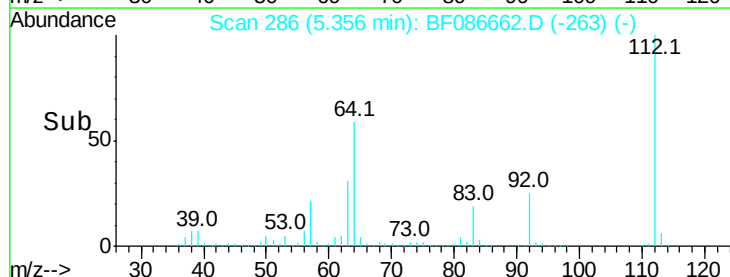
63 31.4 25.7 38.5

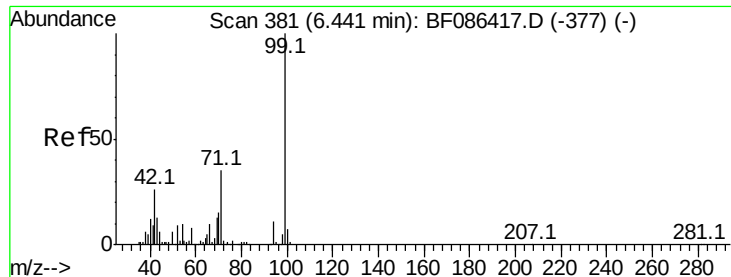


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.51 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Instrument :

BNA_F

ClientSampleId :

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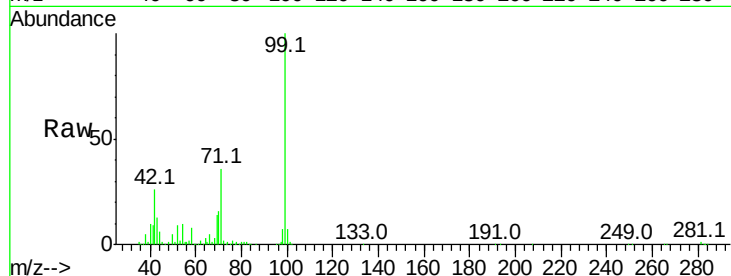
Tot Ion: 99 Resp: 1206744

Ion Ratio Lower Upper

99 100

42 25.8 13.6 20.4#

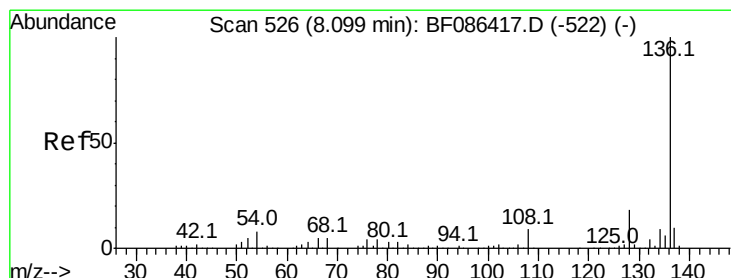
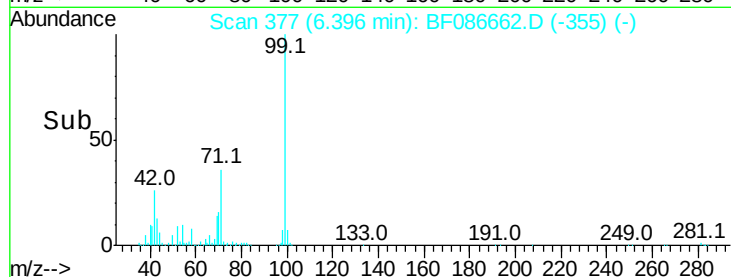
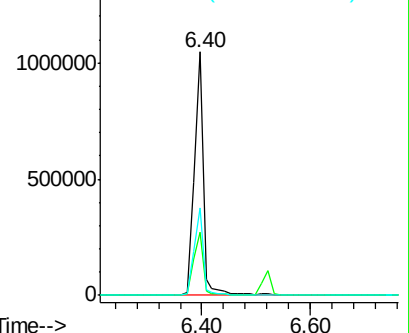
71 36.1 24.6 36.8



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: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Tgt Ion: 136 Resp: 680031

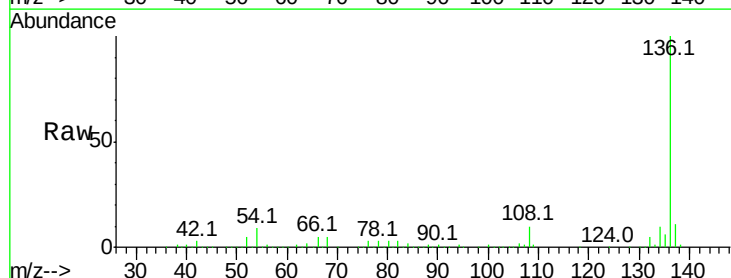
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.9 5.0 7.4#

68 5.5 4.4 6.6

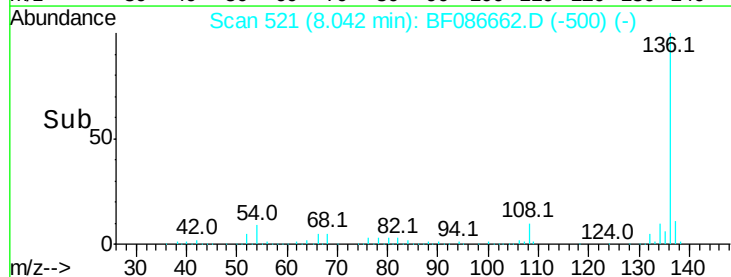
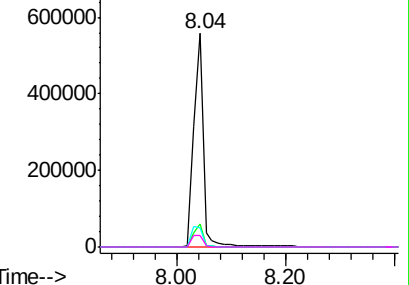


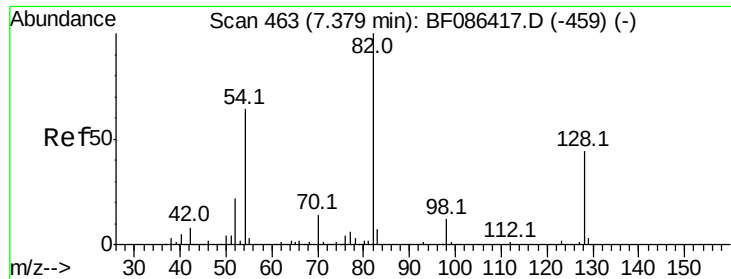
Abundance Ion 136.00 (135.70 to 136.70): E

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

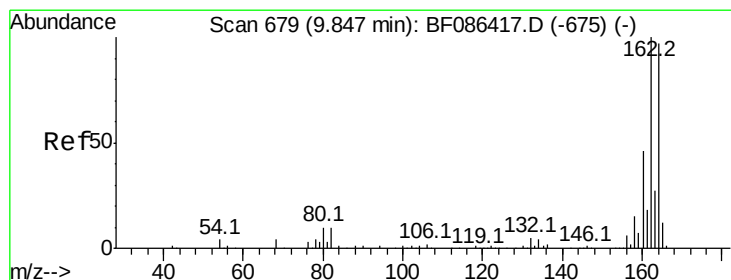
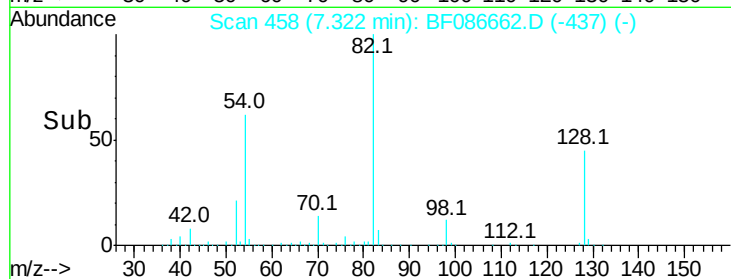
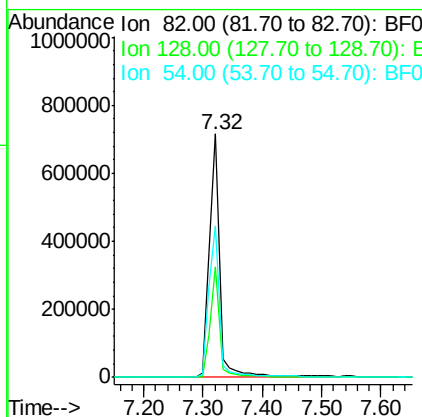
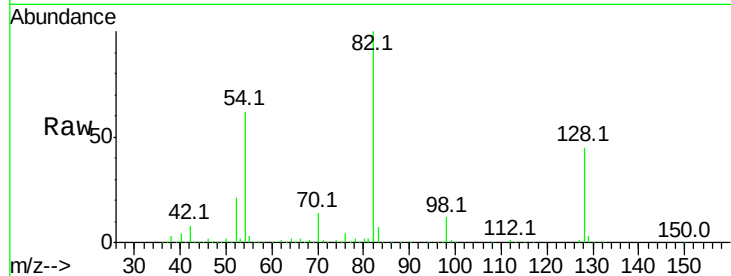




#23
 Nitrobenzene-d5
 Concen: 69.93 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

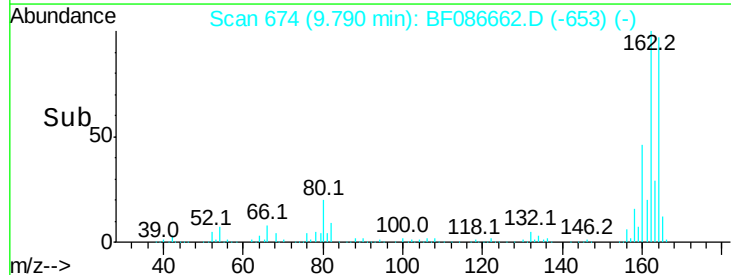
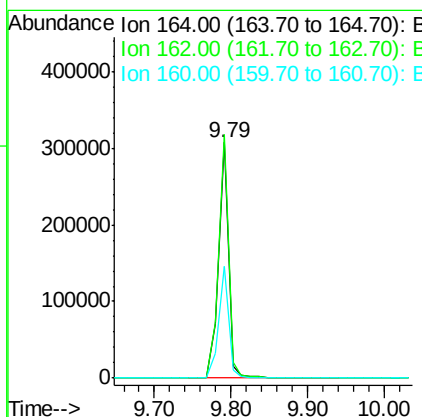
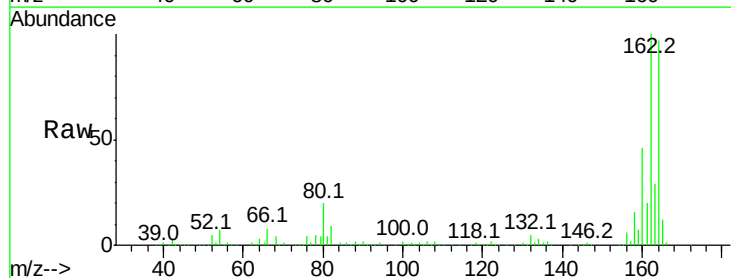
Instrument :
 BNA_F
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 26WARD-4-CS-3(16-23FTBGS)

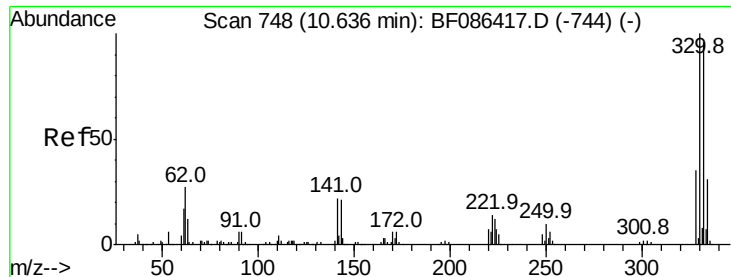
Tot Ion: 82 Resp: 882193
 Ion Ratio Lower Upper
 82 100
 128 45.3 40.6 61.0
 54 62.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Tgt Ion: 164 Resp: 279717
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 47.3 36.9 55.3

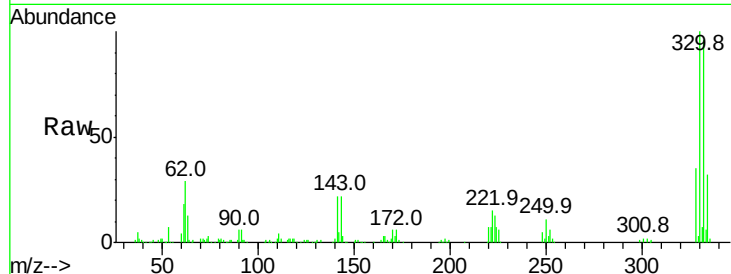




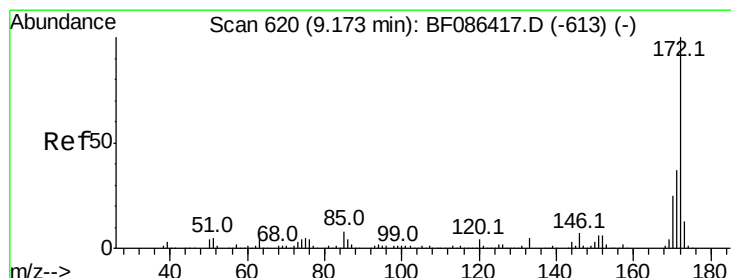
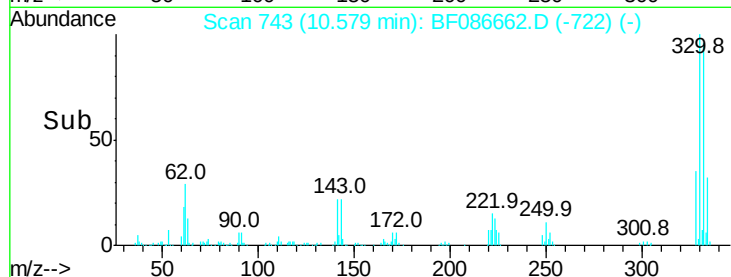
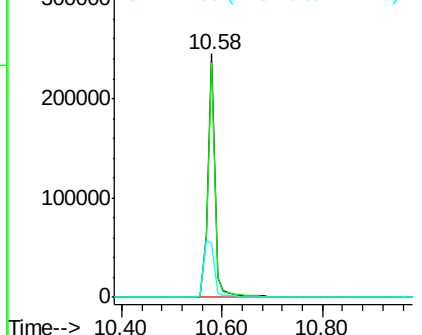
#41
 2,4,6-Tribromophenol
 Concen: 83.39 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-3(16-23FTBGS)

Tot Ion:330 Resp: 245973
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 35.1 31.2 46.8

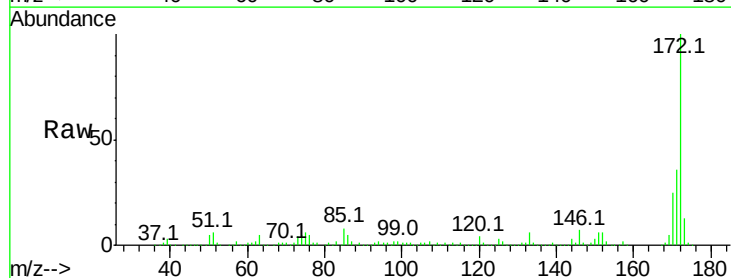


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

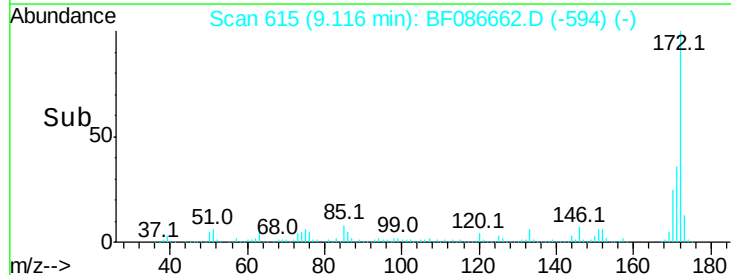
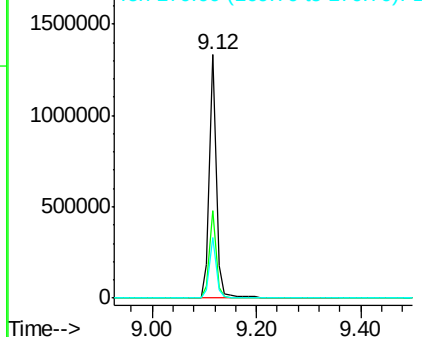


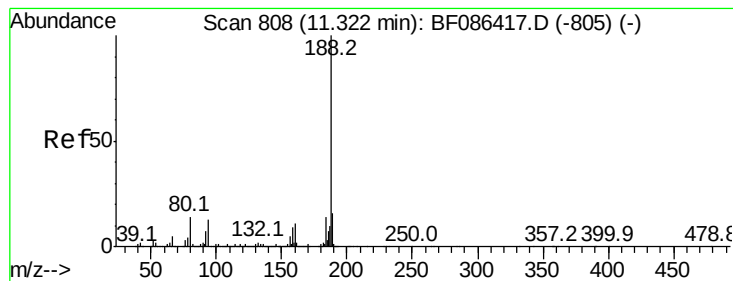
#44
 2-Fluorobiphenyl
 Concen: 75.96 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086662.D
 Acq: 4 May 2016 00:54

Tgt Ion:172 Resp: 1243309
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.7 19.8 29.8



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: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

Instrument :

BNA_F

ClientSampleId :

26WARD-4-CS-3(16-23FTBGS)

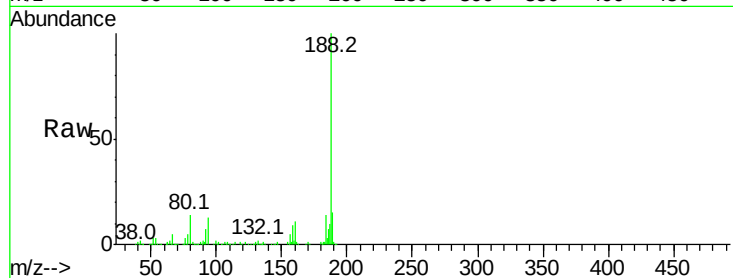
Tot Ion:188 Resp: 418581

Ion Ratio Lower Upper

188 100

94 13.3 6.8 10.2#

80 14.3 7.1 10.7#



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

11.26

400000

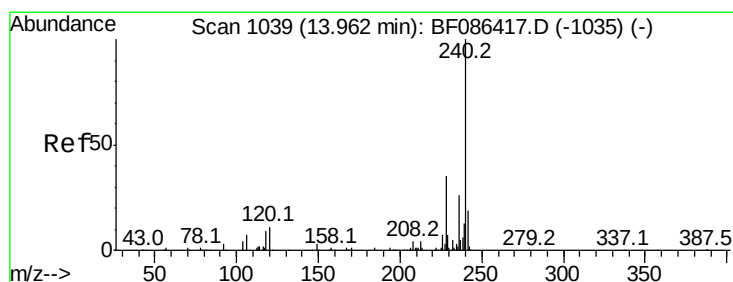
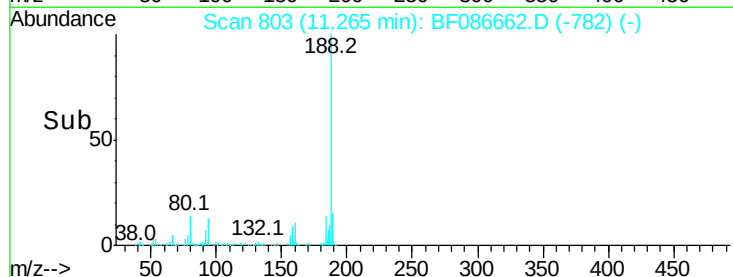
300000

200000

100000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

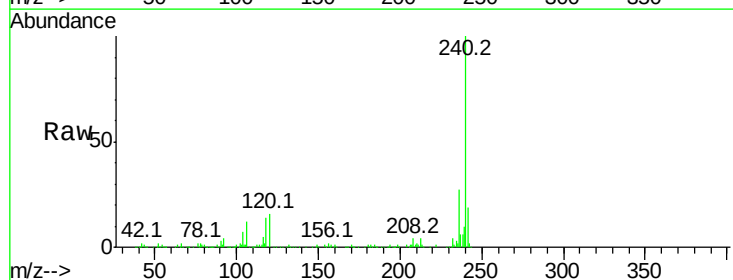
Tgt Ion:240 Resp: 339060

Ion Ratio Lower Upper

240 100

120 16.5 11.2 16.8

236 27.0 21.2 31.8



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

13.89

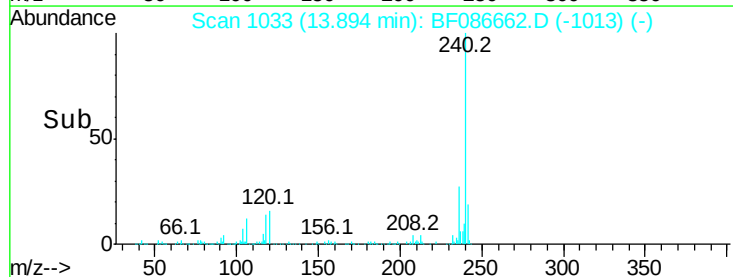
300000

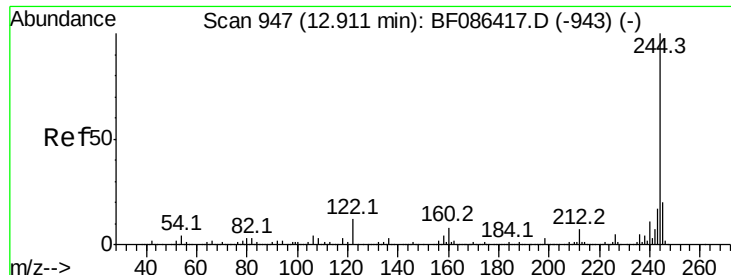
200000

100000

0

Time-->





#78

Terphenyl-d14

Concen: 61.45 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

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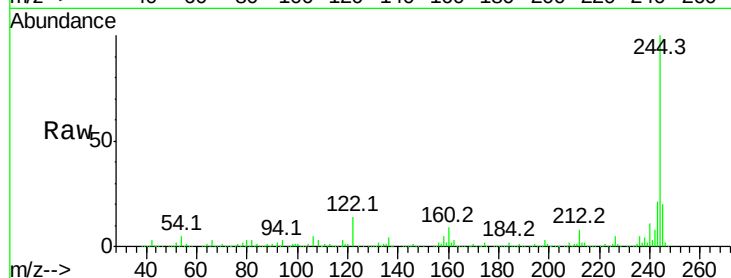
Tot Ion:244 Resp: 945791

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

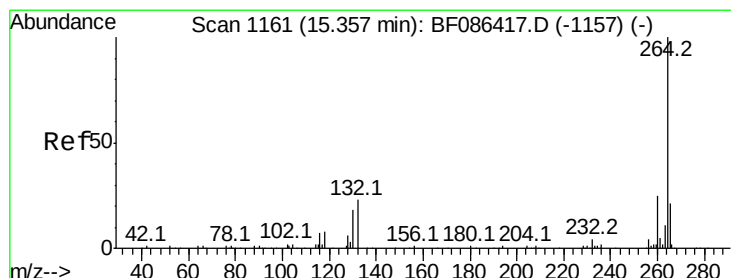
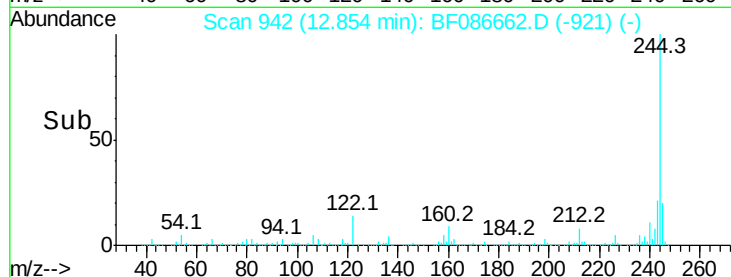
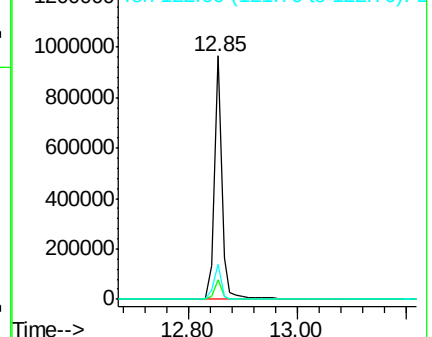
122 14.4 12.0 18.0



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: 15.29 min Scan# 1155

Delta R.T. -0.07 min

Lab File: BF086662.D

Acq: 4 May 2016 00:54

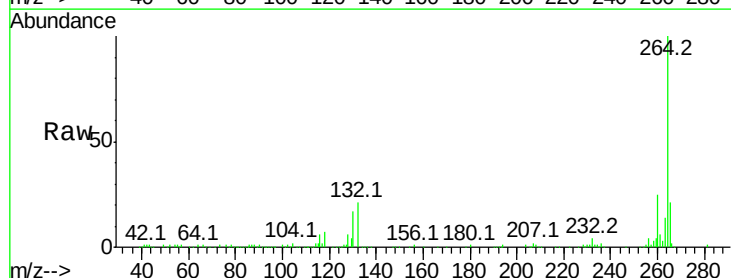
Tgt Ion:264 Resp: 247218

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.1 17.3 25.9



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

