

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086627.D
 Acq On : 2 May 2016 19:50
 Operator : UM/SJ
 Sample : H2716-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 03 01:47:38 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	167142	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	720525	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	184987	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	533762	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	100961	20.00	ng	-0.07
86) Perylene-d12	15.29	264	1862	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	925559	95.52	ng	-0.03
7) Phenol-d6	6.40	99	811360	59.99	ng	-0.05
23) Nitrobenzene-d5	7.32	82	895110	66.96	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	364468	186.83	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1373956	151.02	ng	-0.06
78) Terphenyl-d14	12.85	244	1140960	248.97	ng	-0.06

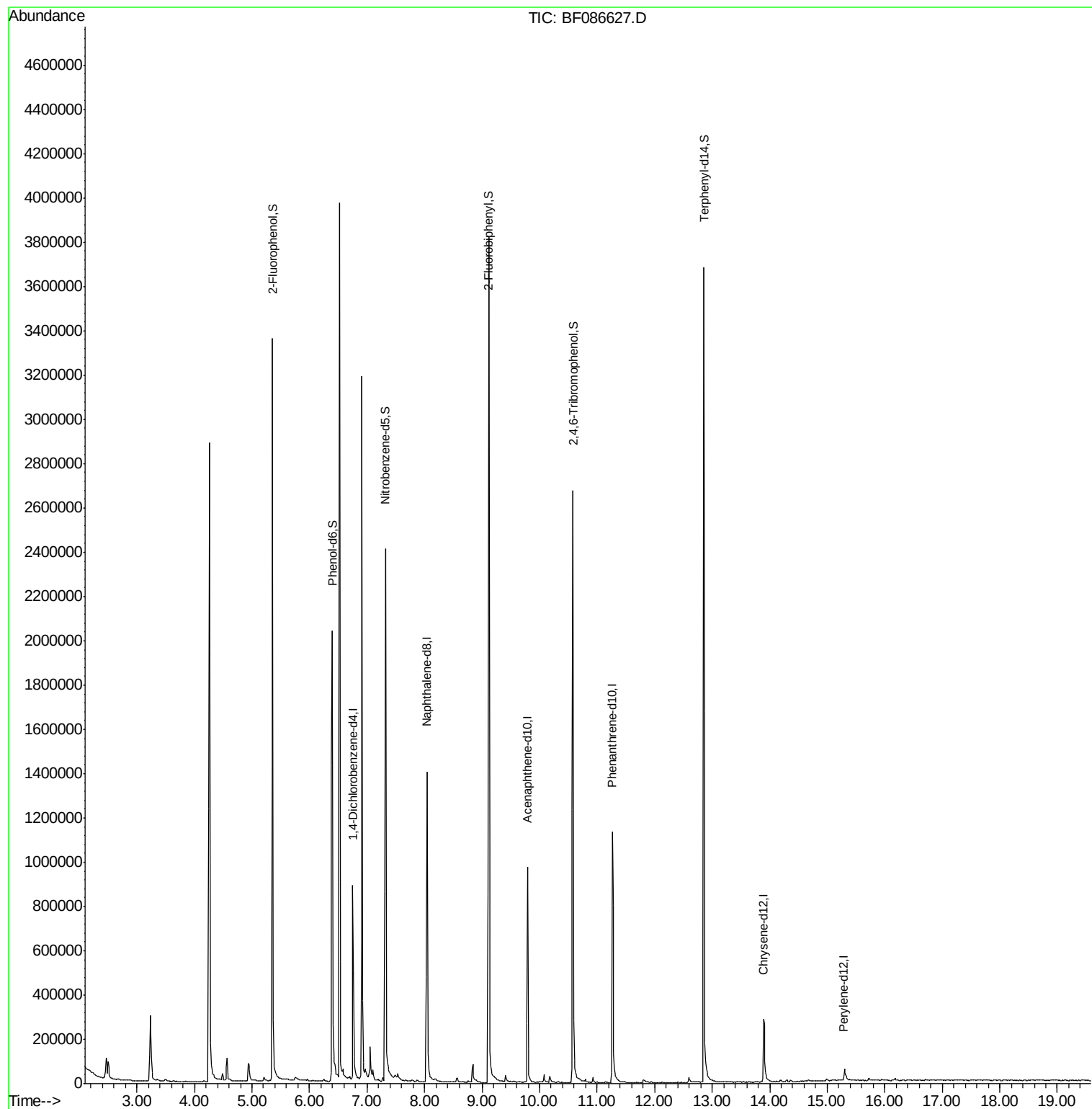
Target Compounds Qvalue

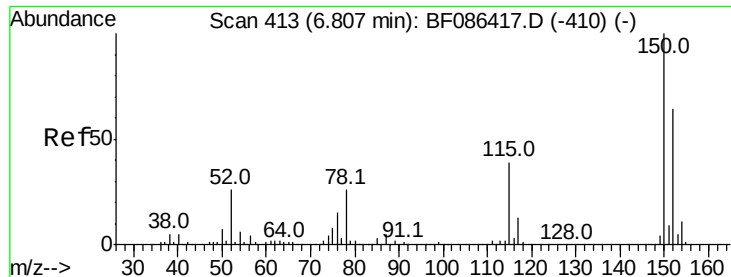
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

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

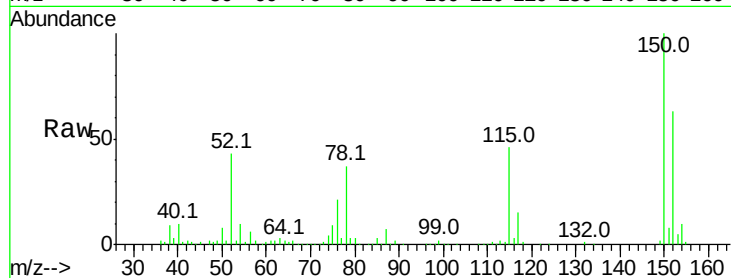
Tot Ion:152 Resp: 167142

Ion Ratio Lower Upper

152 100

150 159.9 125.8 188.6

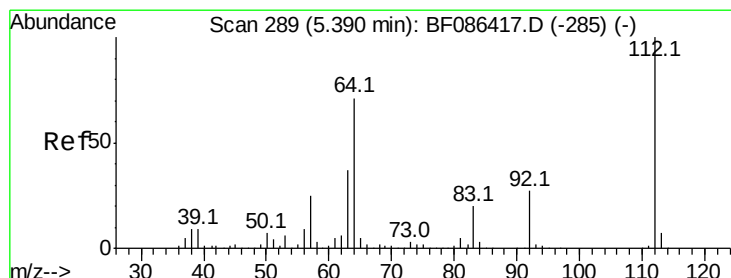
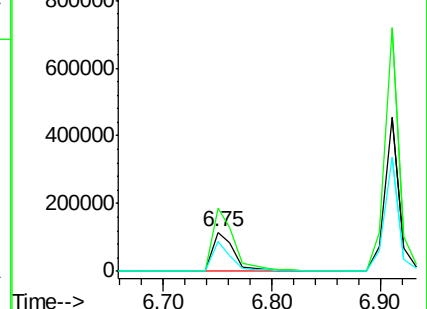
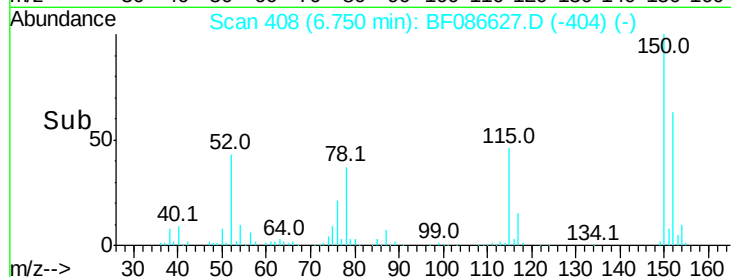
115 74.2 51.5 77.3



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: 95.52 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

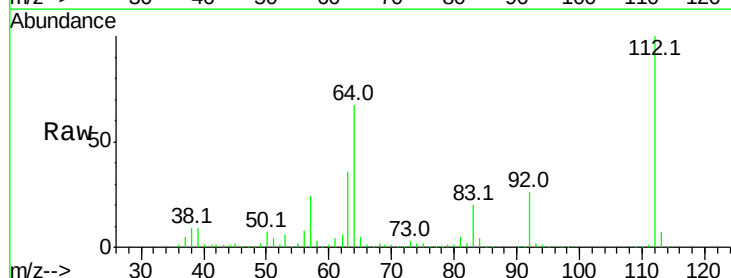
Tgt Ion:112 Resp: 925559

Ion Ratio Lower Upper

112 100

64 66.7 52.1 78.1

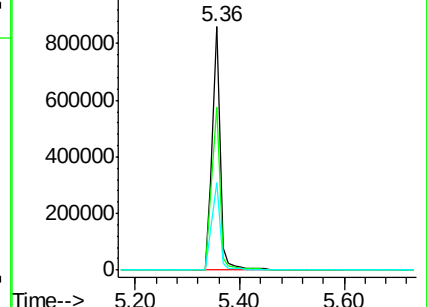
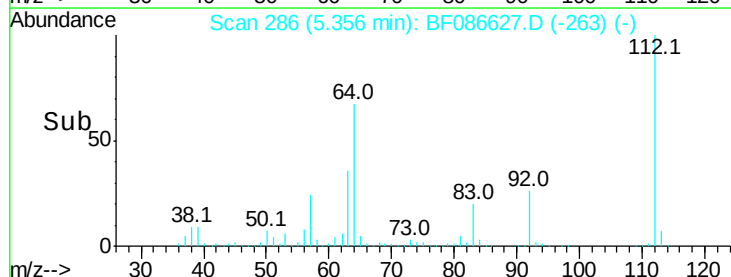
63 36.0 25.7 38.5

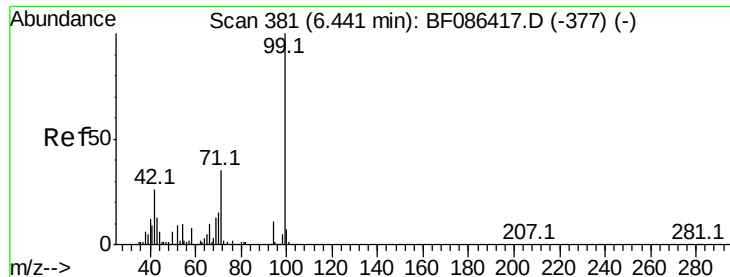


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.99 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

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

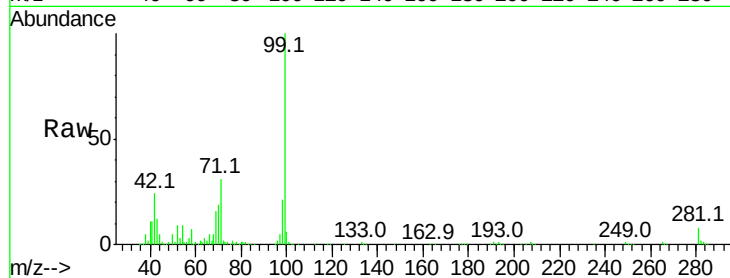
Tot Ion: 99 Resp: 811360

Ion Ratio Lower Upper

99 100

42 24.0 13.6 20.4#

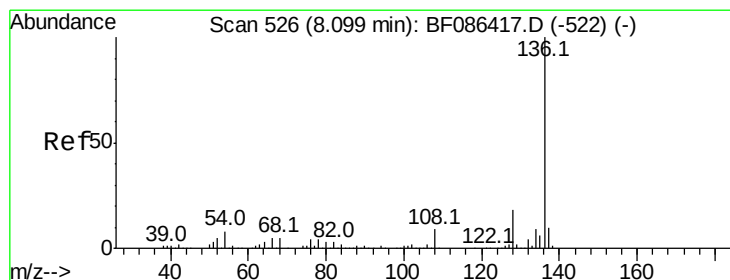
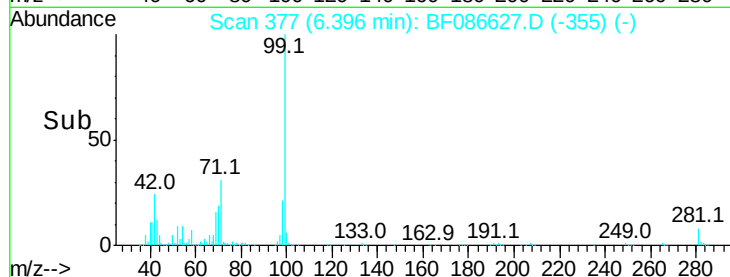
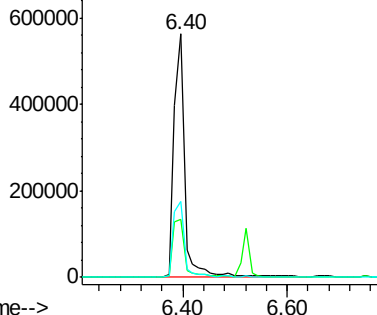
71 31.3 24.6 36.8



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: BF086627.D

Acq: 2 May 2016 19:50

Tgt Ion: 136 Resp: 720525

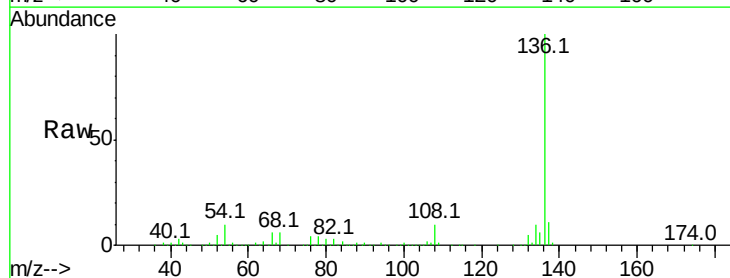
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.4 5.0 7.4#

68 6.2 4.4 6.6

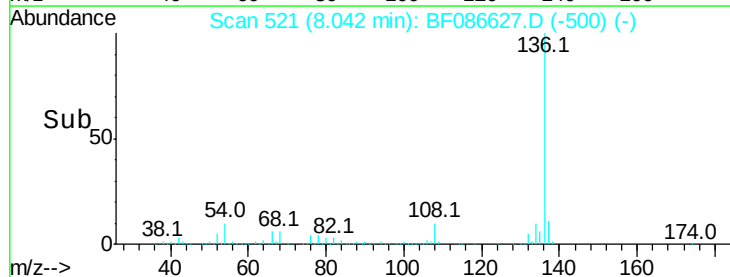
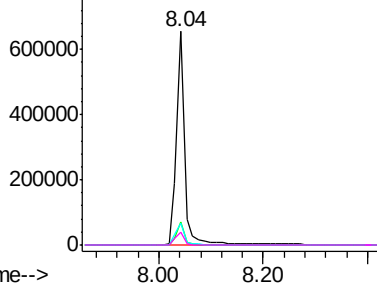


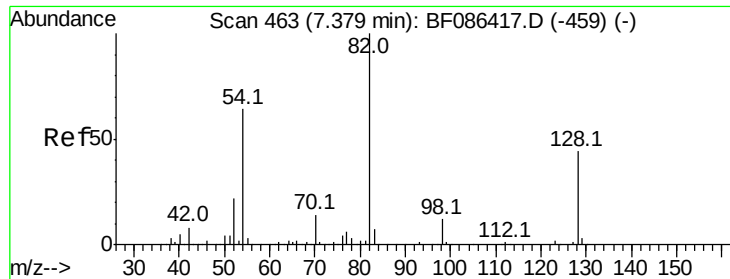
Abundance Ion 136.00 (135.70 to 136.70): E

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

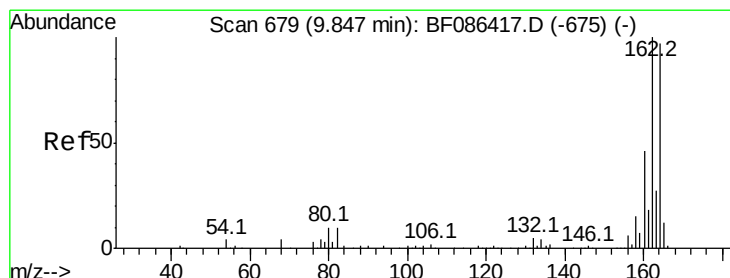
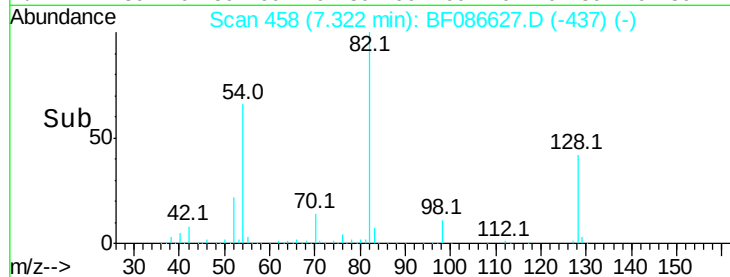
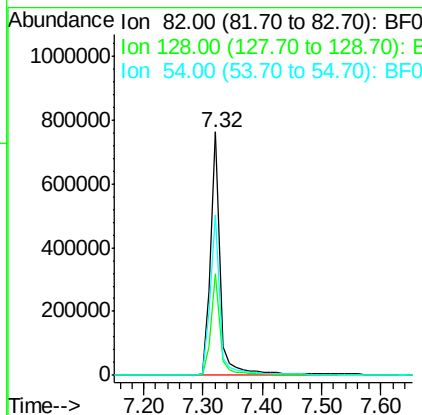
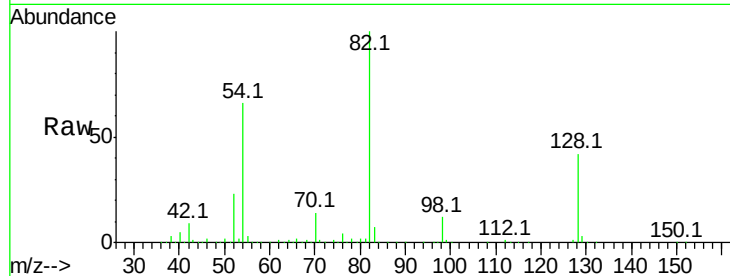




#23
 Nitrobenzene-d5
 Concen: 66.96 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086627.D
 Acq: 2 May 2016 19:50

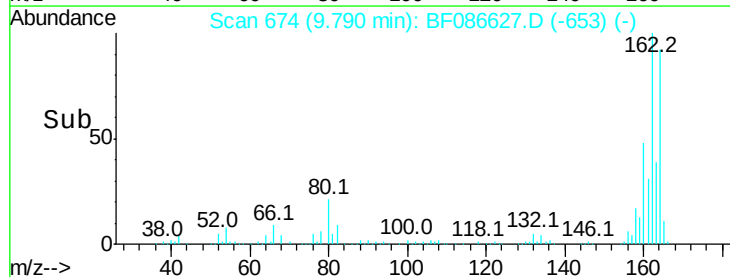
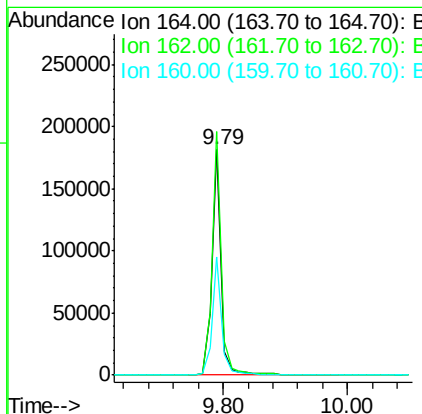
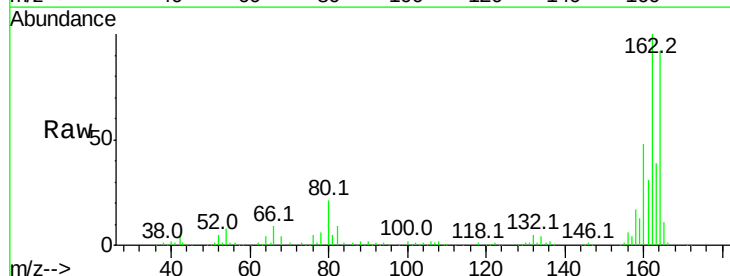
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-4-CS-3(16-23FTBGS)

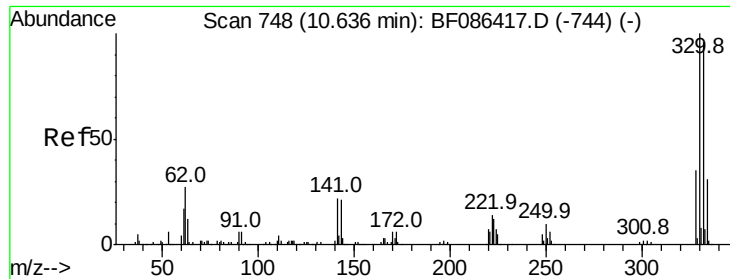
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	40.6	61.0
54	65.8	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086627.D
 Acq: 2 May 2016 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	82.8	124.2
160	52.3	36.9	55.3

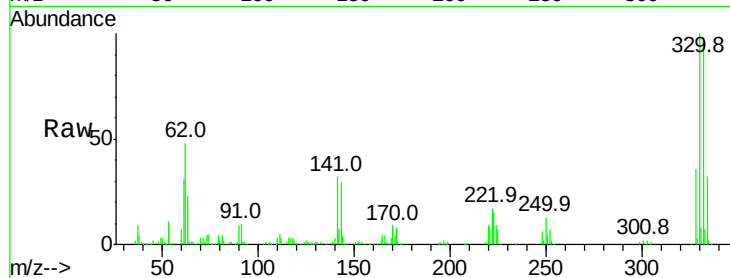




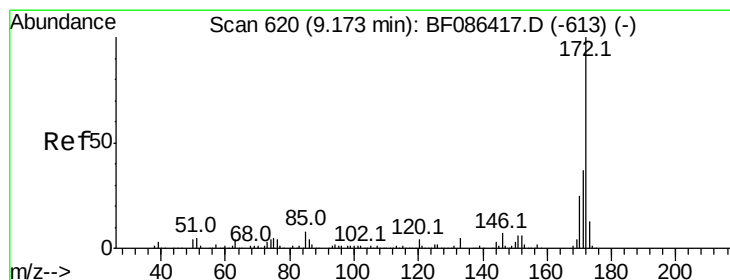
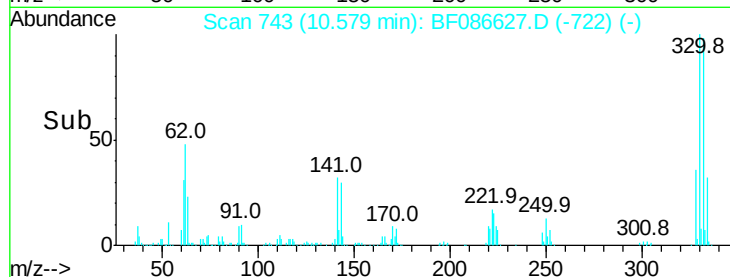
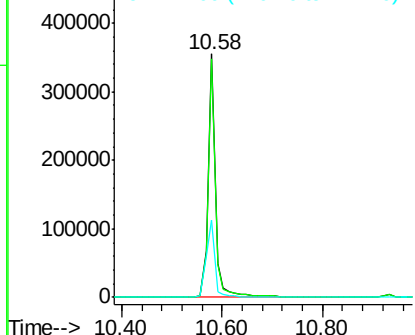
#41
 2,4,6-Tribromophenol
 Concen: 186.83 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086627.D
 Acq: 2 May 2016 19:50

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.0	118.4
141	38.2	31.2	46.8

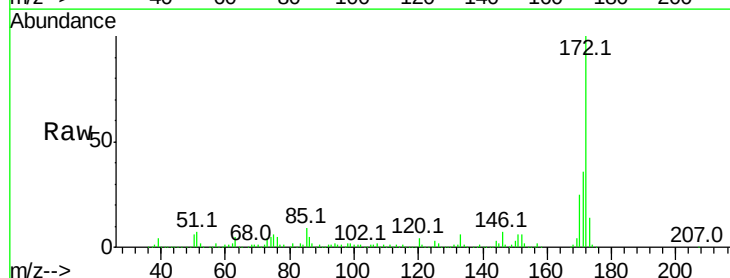


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

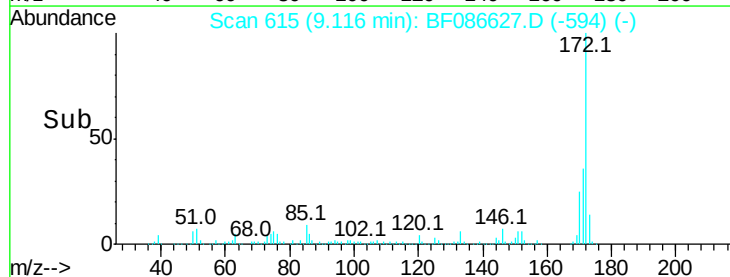
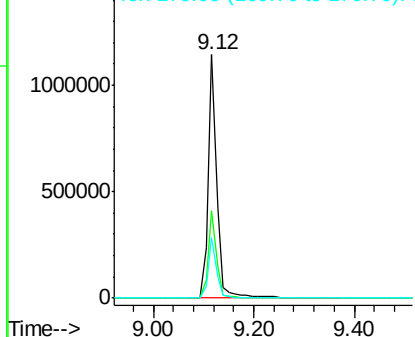


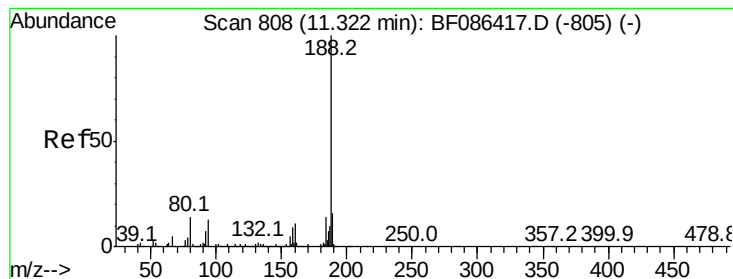
#44
 2-Fluorobiphenyl
 Concen: 151.02 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086627.D
 Acq: 2 May 2016 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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: BF086627.D

Acq: 2 May 2016 19:50

Instrument :

BNA_F

ClientSampleId :

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

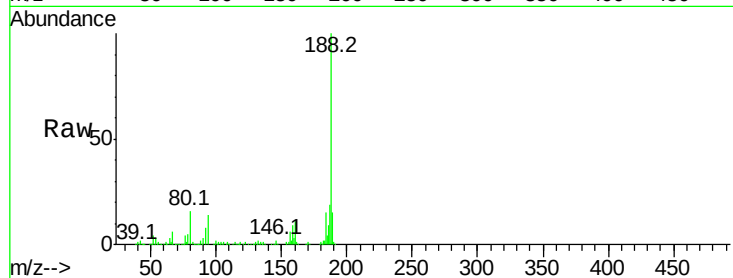
Tot Ion:188 Resp: 533762

Ion Ratio Lower Upper

188 100

94 13.6 6.8 10.2#

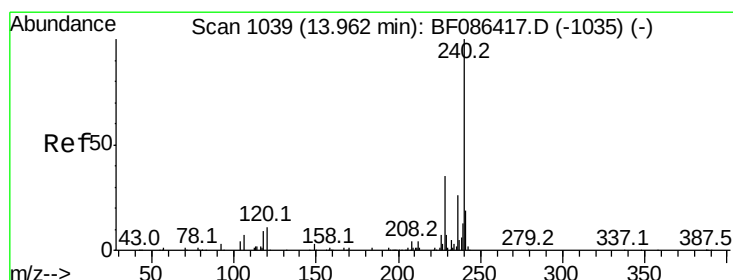
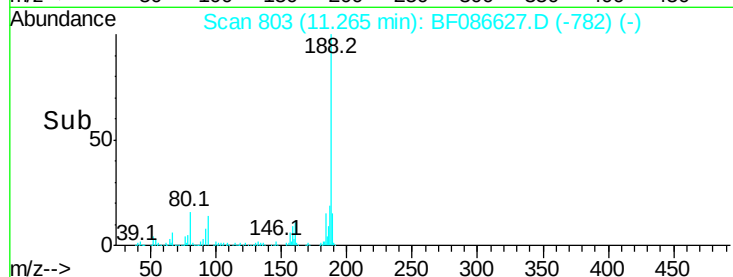
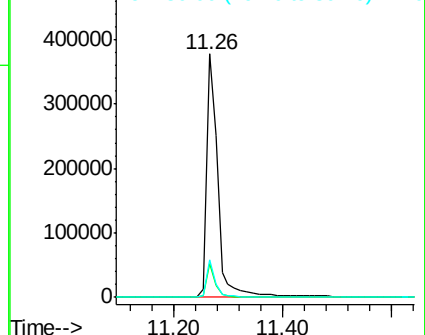
80 15.6 7.1 10.7#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

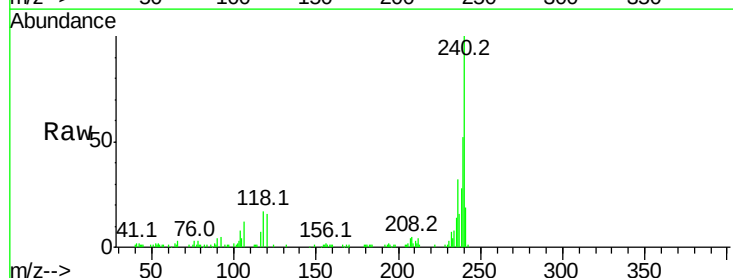
Tgt Ion:240 Resp: 100961

Ion Ratio Lower Upper

240 100

120 16.1 11.2 16.8

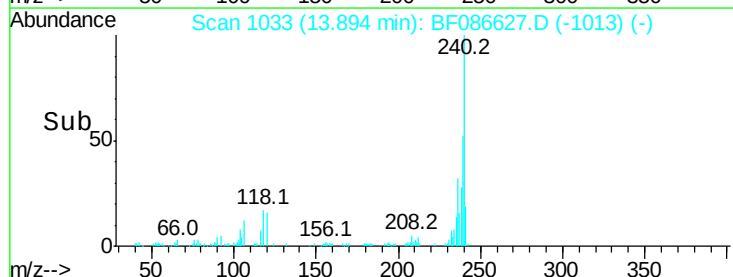
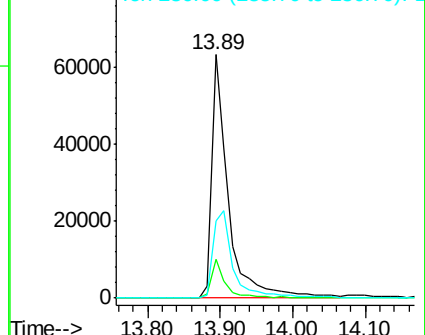
236 31.7 21.2 31.8

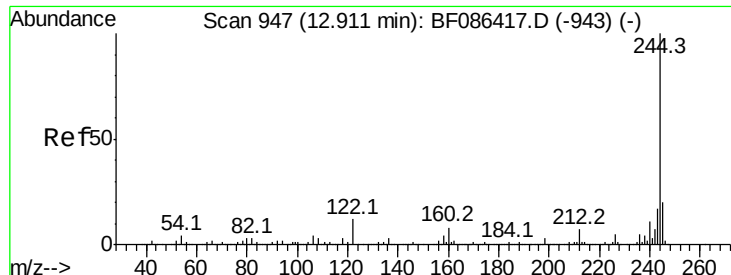


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 248.97 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086627.D

Acq: 2 May 2016 19:50

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

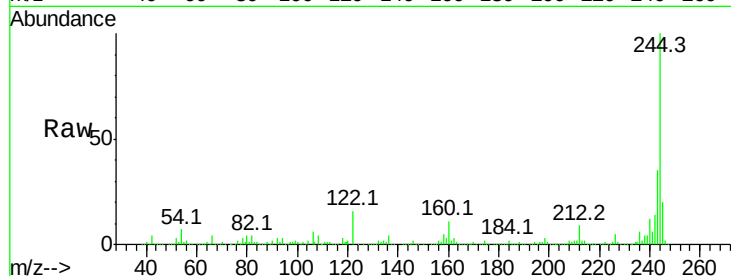
Tot Ion:244 Resp: 1140960

Ion Ratio Lower Upper

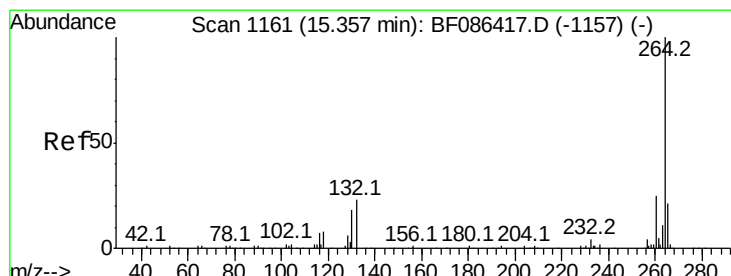
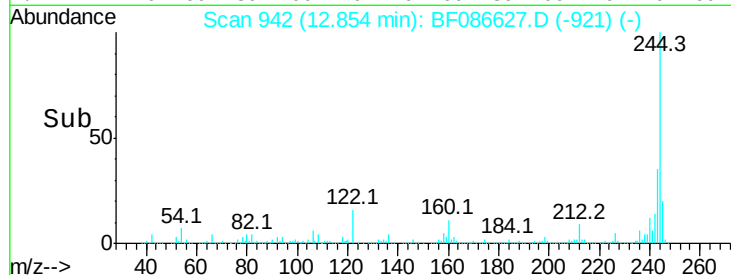
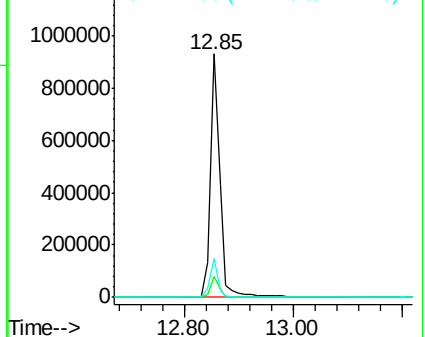
244 100

212 8.6 6.2 9.2

122 16.2 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: BF086627.D

Acq: 2 May 2016 19:50

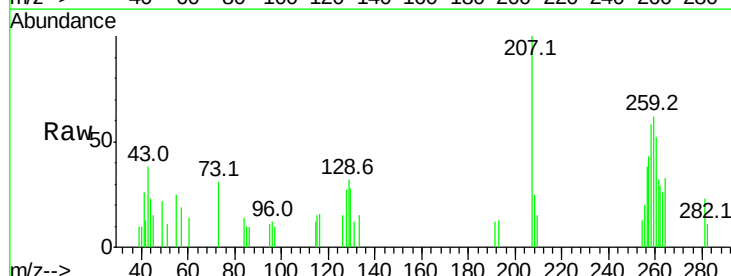
Tgt Ion:264 Resp: 1862

Ion Ratio Lower Upper

264 100

260 159.4 19.5 29.3#

265 0.0 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

