

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042716\
 Data File : BF086430.D
 Acq On : 27 Apr 2016 18:08
 Operator : UM/SJ
 Sample : H2648-14DL 100X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WDL

Quant Time: Apr 28 00:54:46 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

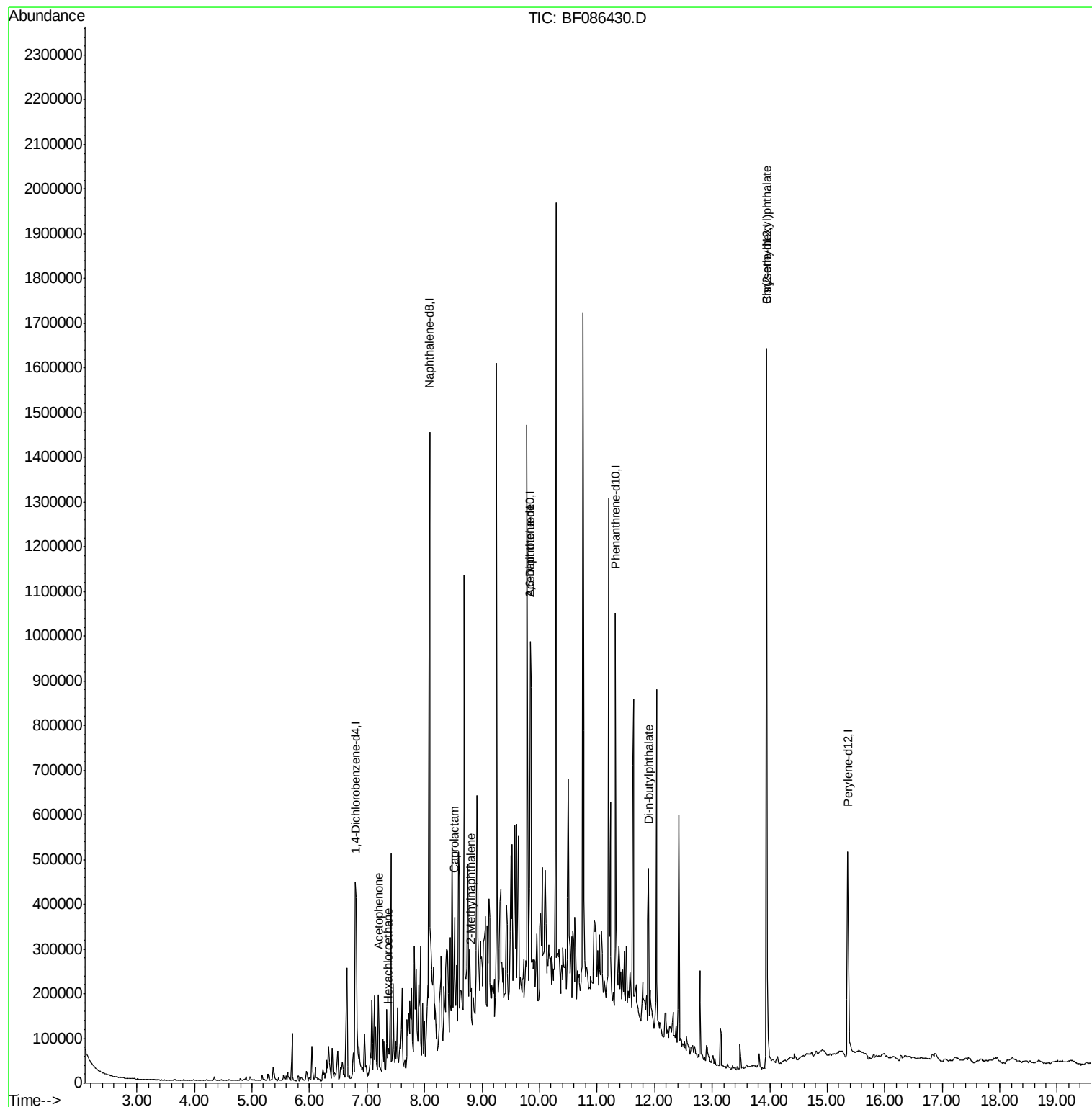
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	95737	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	443777	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	201685	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	361844	20.00	ng	0.00
75) Chrysene-d12	13.95	240	227323	20.00	ng	-0.01
86) Perylene-d12	15.36	264	240213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	6145	1.11	ng	0.00
7) Phenol-d6	6.43	99	11027	1.42	ng	-0.01
23) Nitrobenzene-d5	7.37	82	6552	0.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	2012	0.95	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	18504	-1.00	ng	-0.01
78) Terphenyl-d14	12.91	244	12274	1.19	ng	0.00
Target Compounds						
18) Hexachloroethane	7.37	117	20084	7.01	ng	# 12
22) Acetophenone	7.20	105	32179	3.31	ng	# 47
35) Caprolactam	8.52	113	5184	2.69	ng	# 1
37) 2-Methylnaphthalene	8.81	142	35251	2.65	ng	96
50) 2,6-Dinitrotoluene	9.84	165	33604	10.71	ng	# 26
73) Di-n-butylphthalate	11.89	149	190279	9.35	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	430978	48.94	ng	# 99

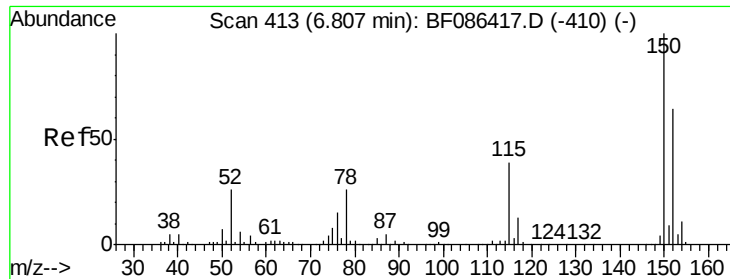
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

Instrument :

BNA_F

ClientSampleId :

WC-WDL

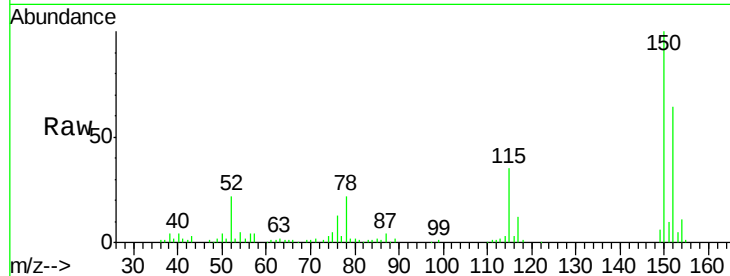
Tgt Ion:152 Resp: 95737

Ion Ratio Lower Upper

152 100

150 157.3 125.8 188.6

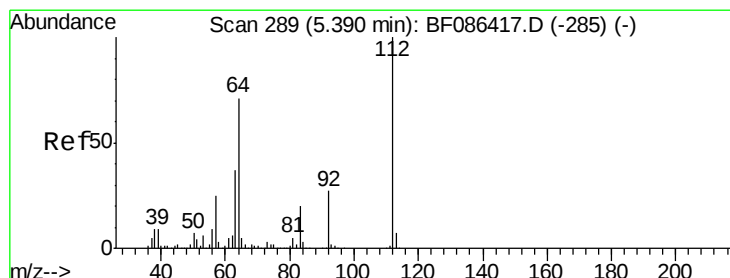
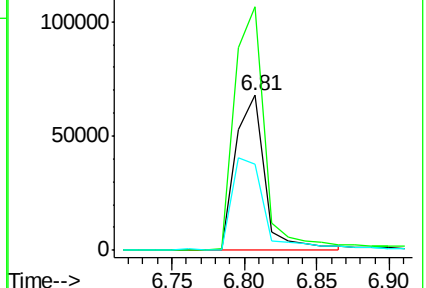
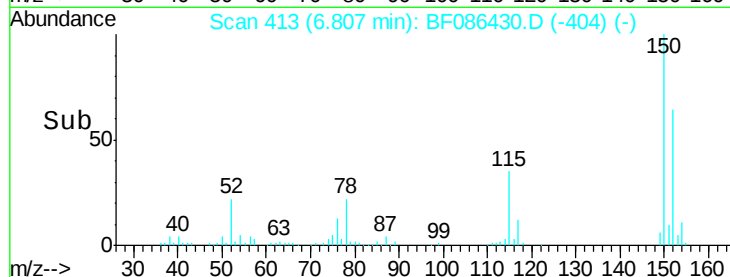
115 55.4 51.5 77.3



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: 1.11 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

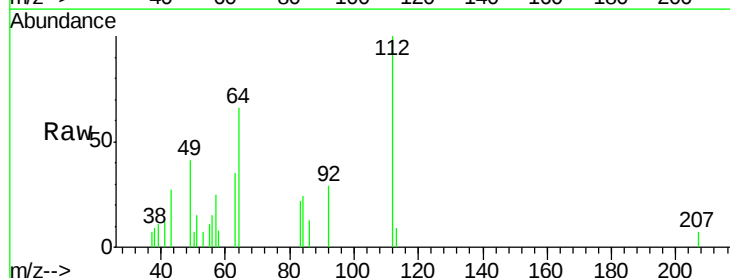
Tgt Ion:112 Resp: 6145

Ion Ratio Lower Upper

112 100

64 66.0 52.1 78.1

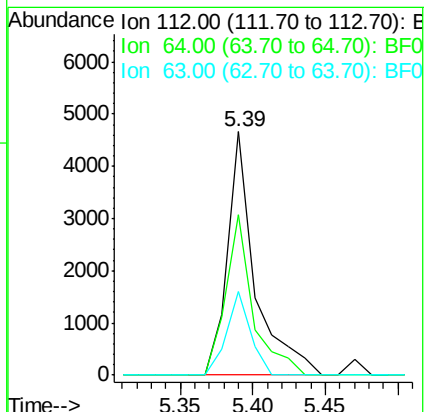
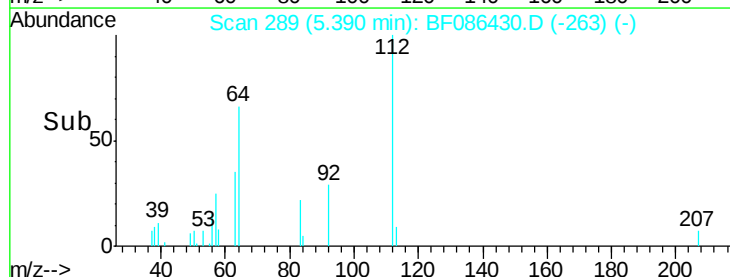
63 34.6 25.7 38.5

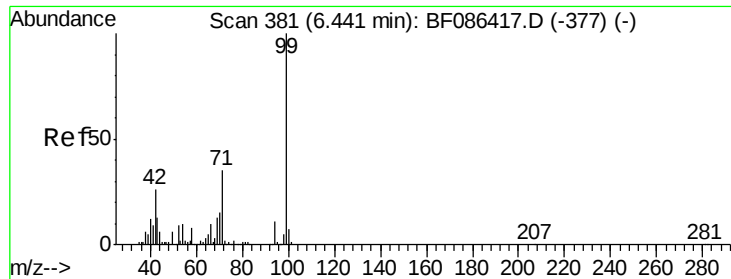


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.42 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

Instrument :

BNA_F

ClientSampleId :

WC-WDL

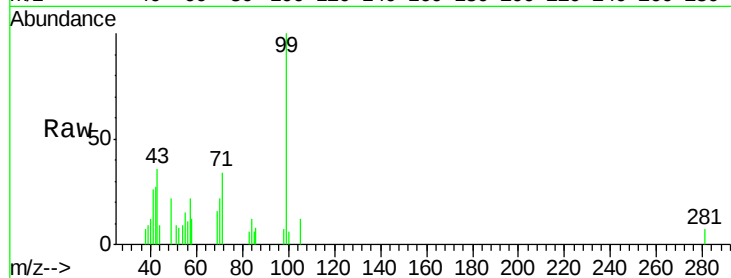
Tgt Ion: 99 Resp: 11027

Ion Ratio Lower Upper

99 100

42 26.7 13.6 20.4#

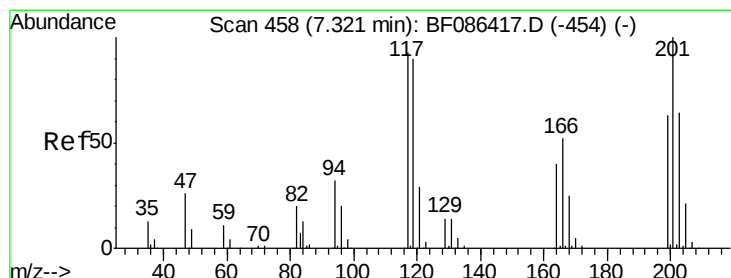
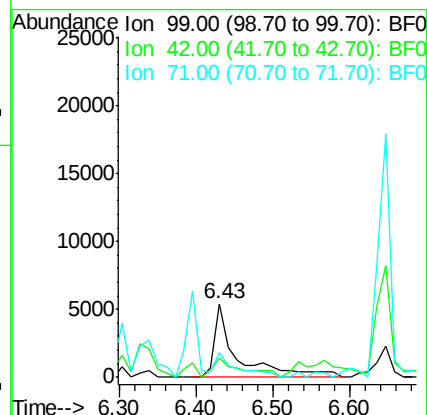
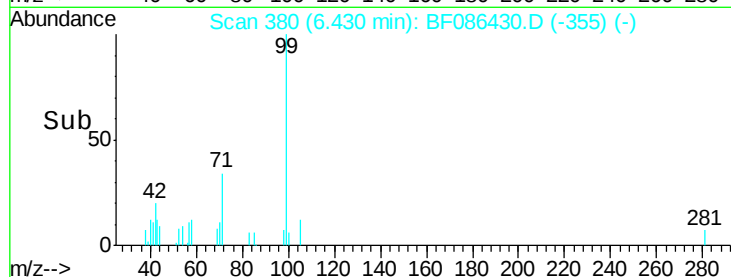
71 33.9 24.6 36.8



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



#18

Hexachloroethane

Concen: 7.01 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.05 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

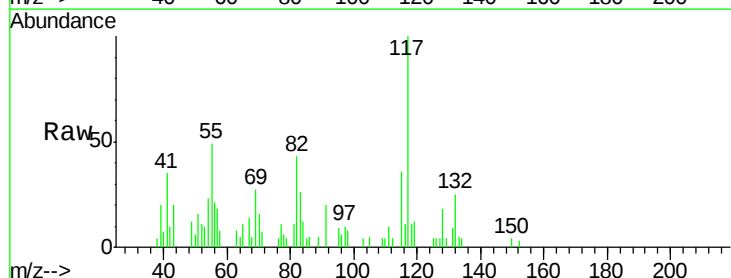
Tgt Ion: 117 Resp: 20084

Ion Ratio Lower Upper

117 100

119 12.3 76.5 114.7#

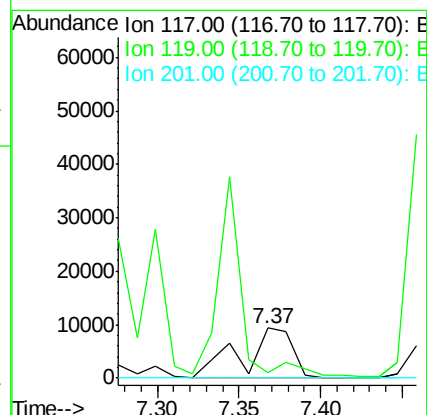
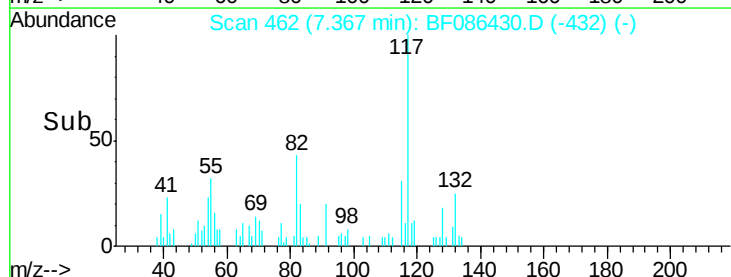
201 0.0 63.0 94.6#

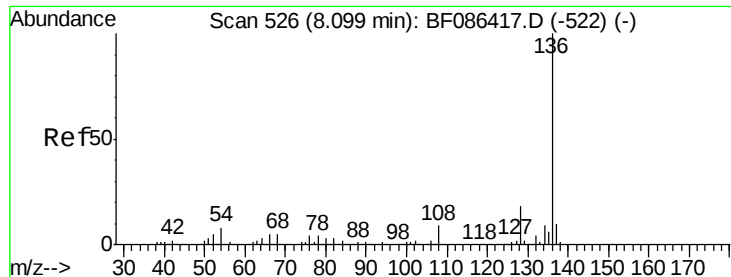


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

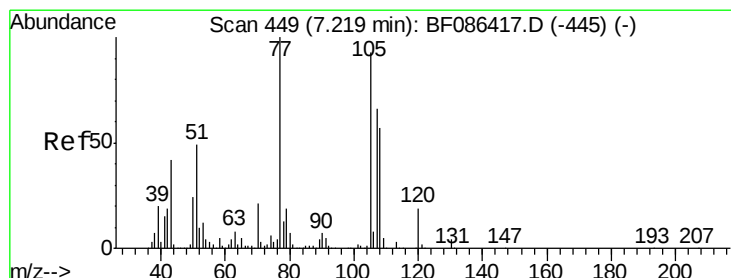
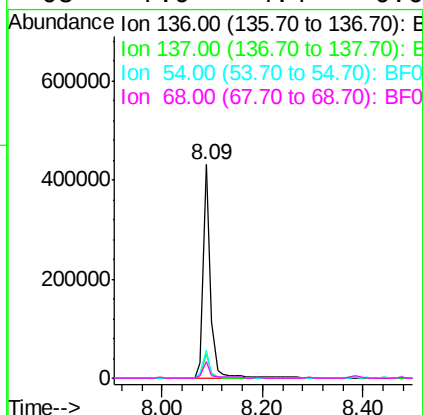
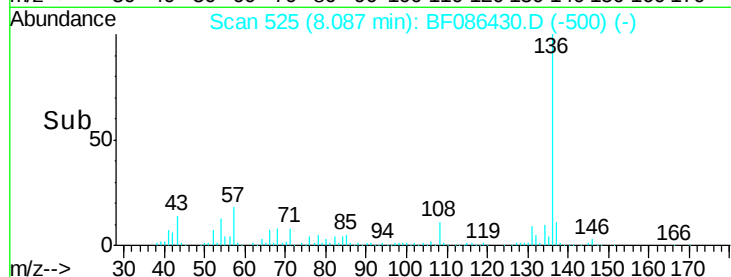
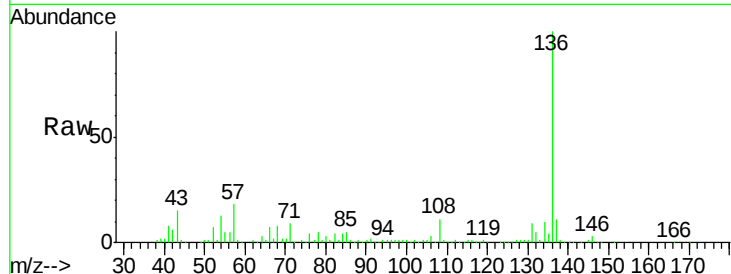




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF086430.D
Acq: 27 Apr 2016 18:08

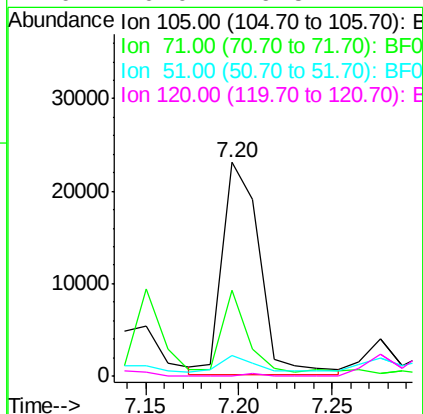
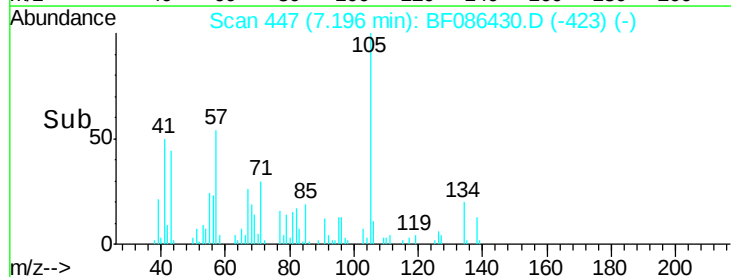
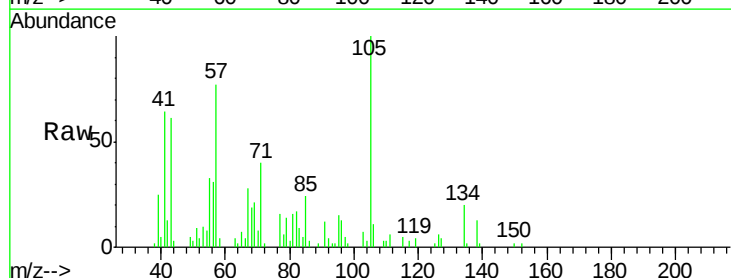
Instrument :
BNA_F
ClientSampleId :
WC-WDL

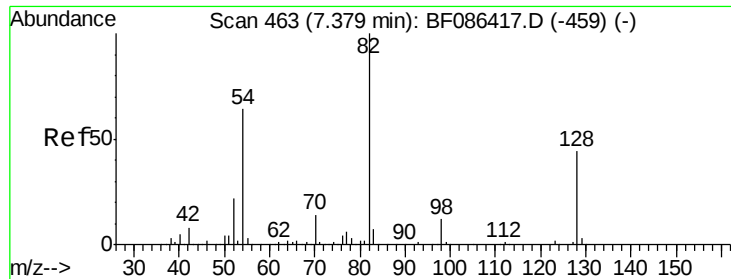
Tgt Ion:	136	Resp:	443777
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.1	5.0	7.4#
68	7.9	4.4	6.6#



#22
Acetophenone
Concen: 3.31 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF086430.D
Acq: 27 Apr 2016 18:08

Tgt Ion:	105	Resp:	32179
Ion	Ratio	Lower	Upper
105	100		
71	40.3	4.8	7.2#
51	9.5	32.6	49.0#
120	0.0	16.5	24.7#

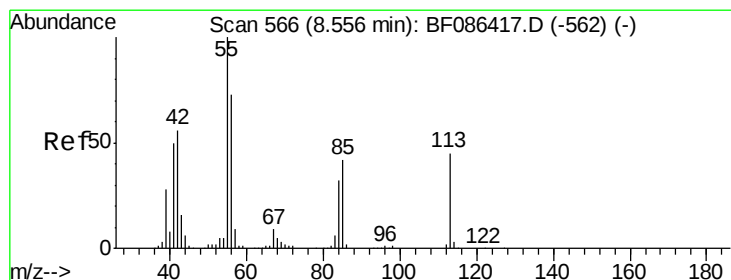
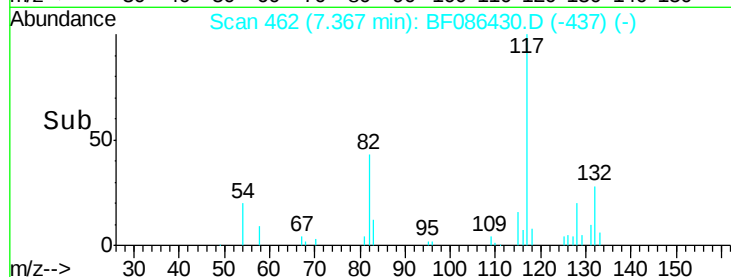
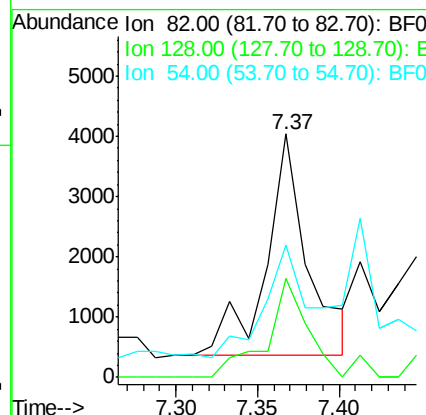
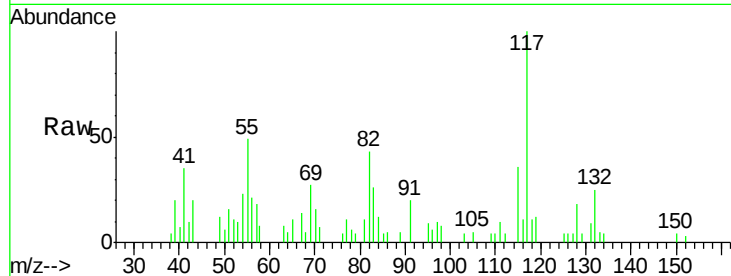




#23
 Nitrobenzene-d5
 Concen: 0.80 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

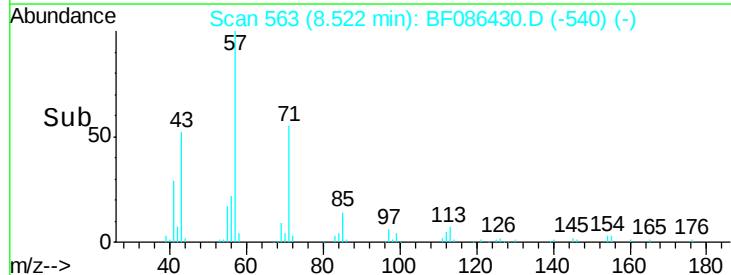
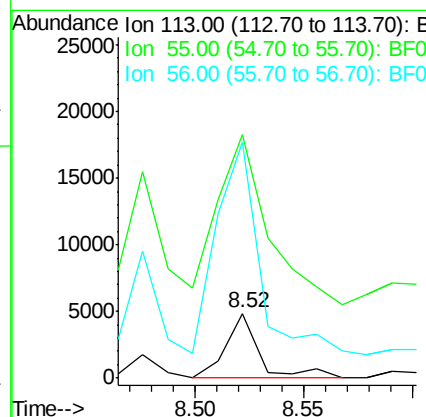
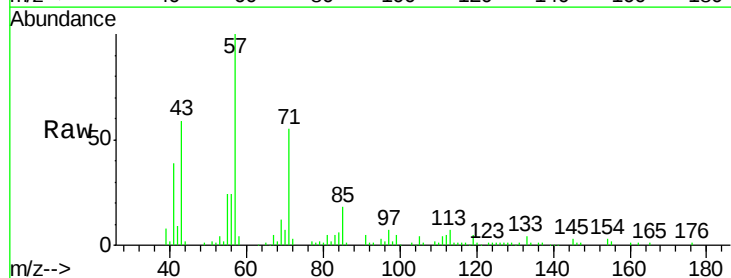
Instrument :
 BNA_F
 ClientSampled :
 WC-WDL

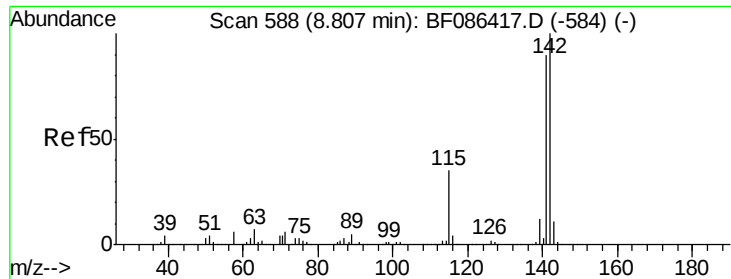
Tgt Ion: 82 Resp: 6552
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 54.3 38.1 57.1



#35
 Caprolactam
 Concen: 2.69 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.03 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

Tgt Ion: 113 Resp: 5184
 Ion Ratio Lower Upper
 113 100
 55 374.8 162.0 202.0#
 56 363.8 115.3 155.3#

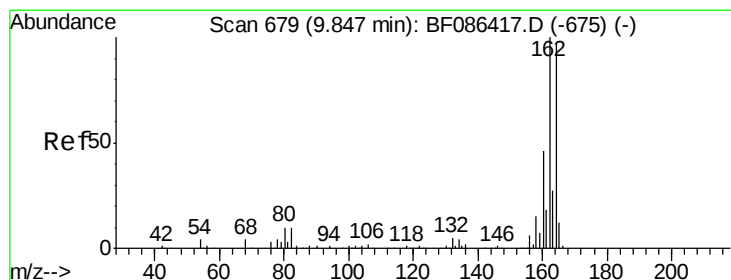
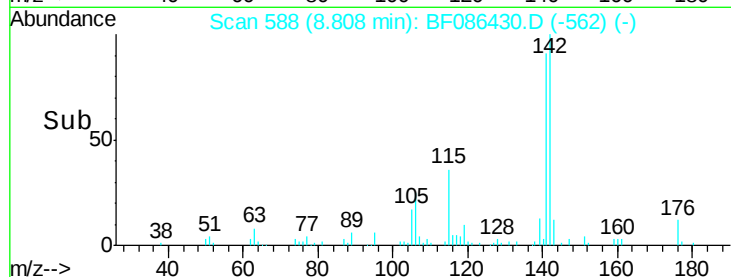
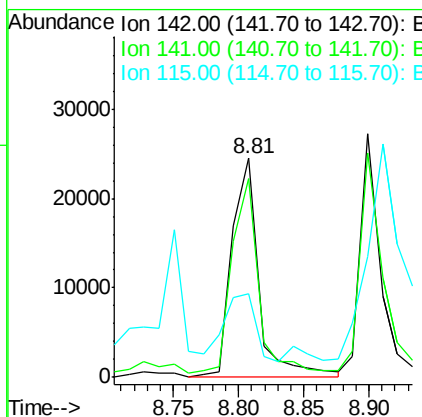
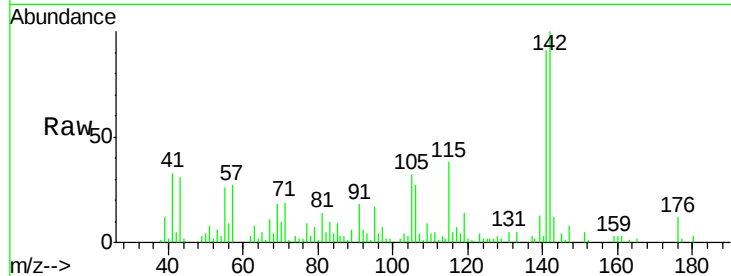




#37
 2-Methylnaphthalene
 Concen: 2.65 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

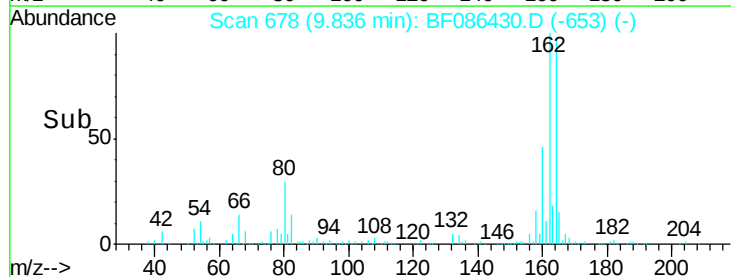
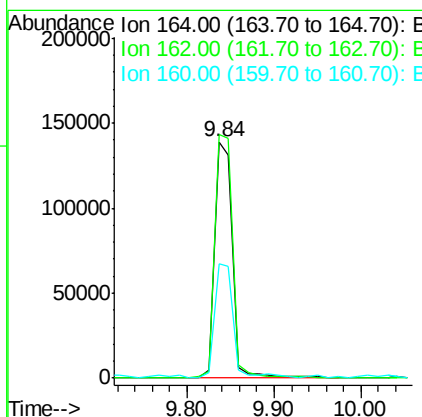
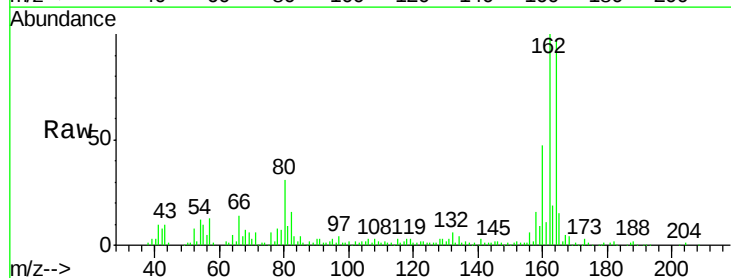
Instrument :
 BNA_F
 ClientSampleId :
 WC-WDL

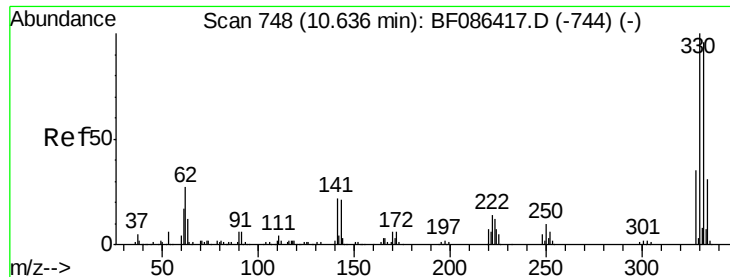
Tgt Ion:142 Resp: 35251
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 38.1 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

Tgt Ion:164 Resp: 201685
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 48.2 36.9 55.3

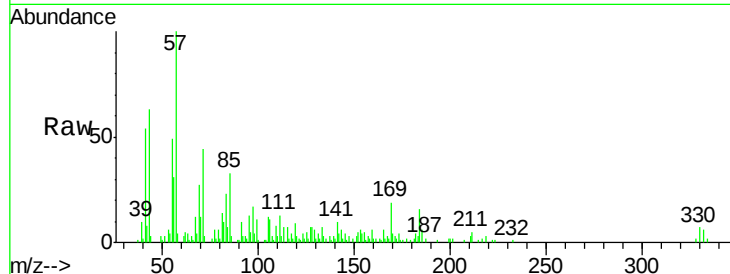




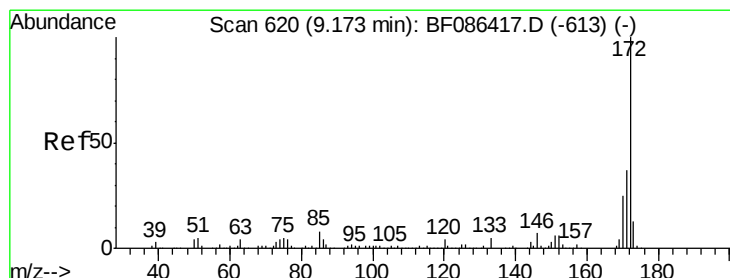
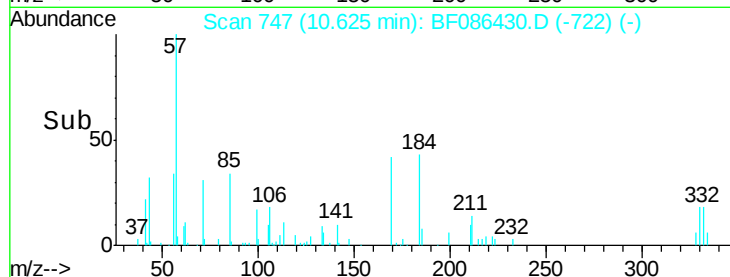
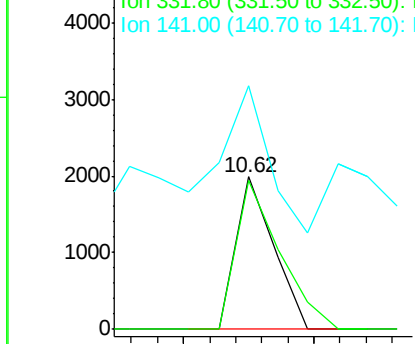
#41
 2,4,6-Tribromophenol
 Concen: 0.95 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-WDL

Tgt Ion:330 Resp: 2012
 Ion Ratio Lower Upper
 330 100
 332 113.9 79.0 118.4
 141 116.5 31.2 46.8#

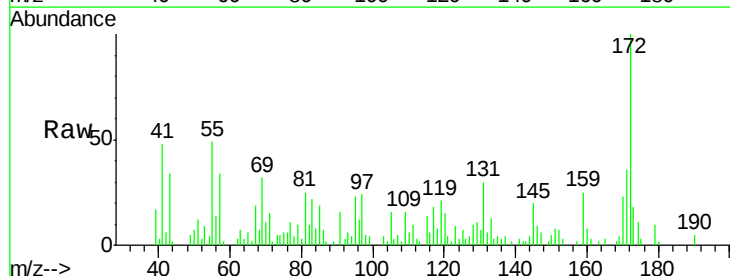


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

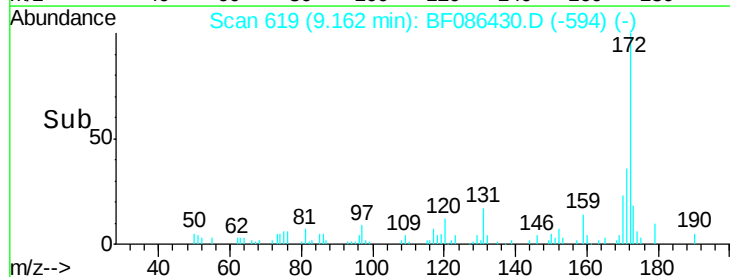
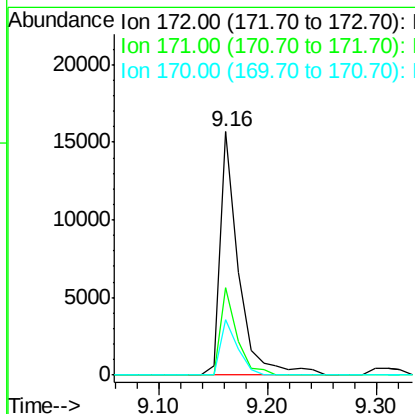


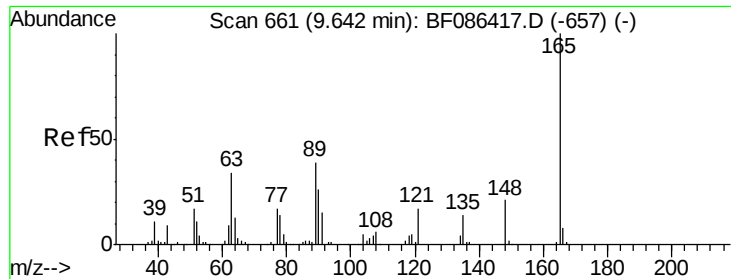
#44
 2-Fluorobiphenyl
 Concen: -1.00 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

Tgt Ion:172 Resp: 18504
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 22.6 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

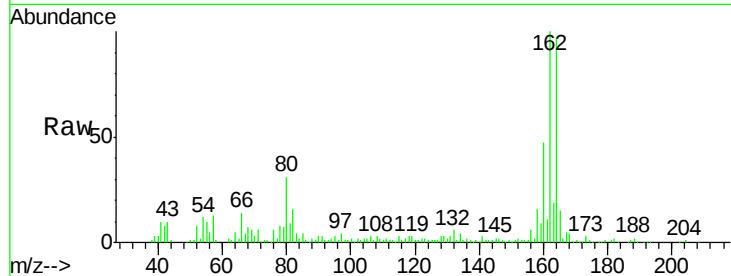




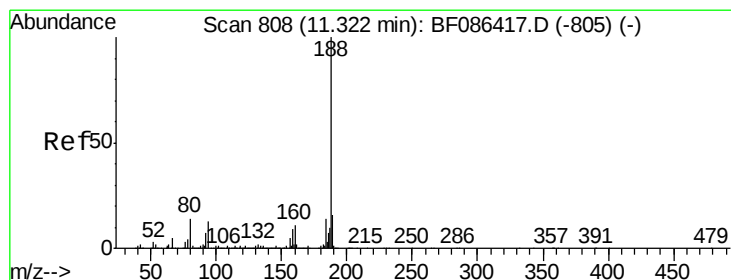
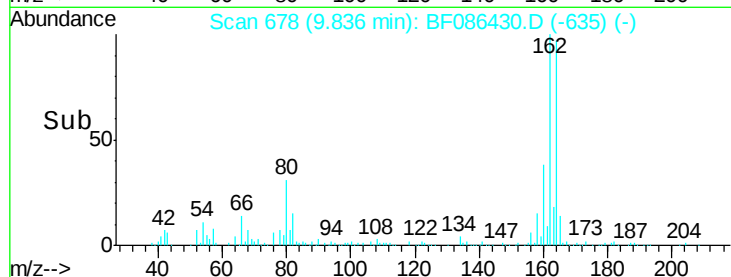
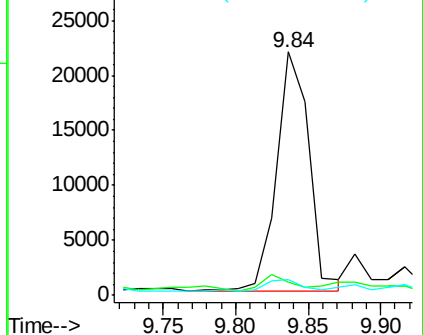
#50
 2,6-Dinitrotoluene
 Concen: 10.71 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.19 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-WDL

Tgt Ion:165 Resp: 33604
 Ion Ratio Lower Upper
 165 100
 63 5.7 51.8 77.8#
 89 6.5 50.7 76.1#

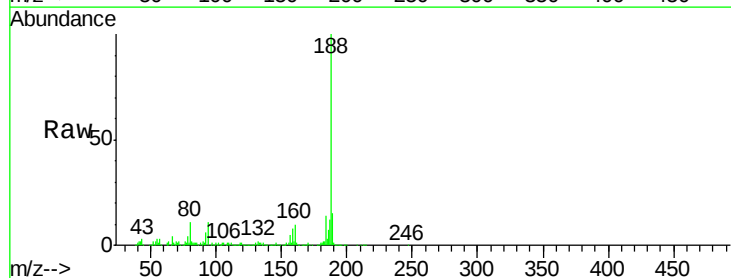


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

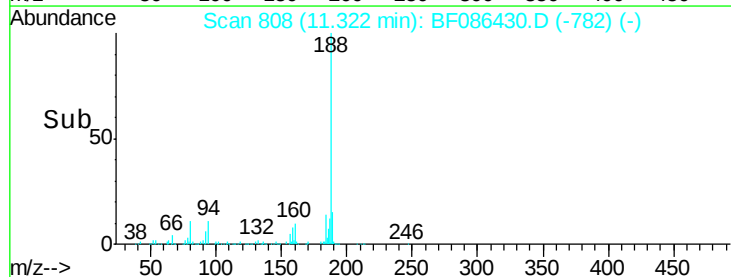
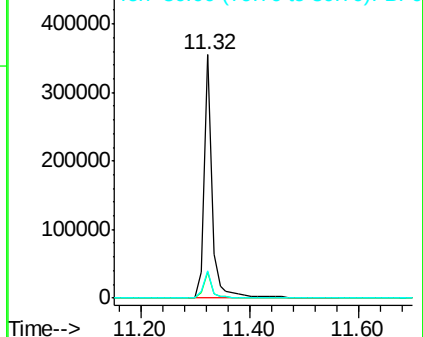


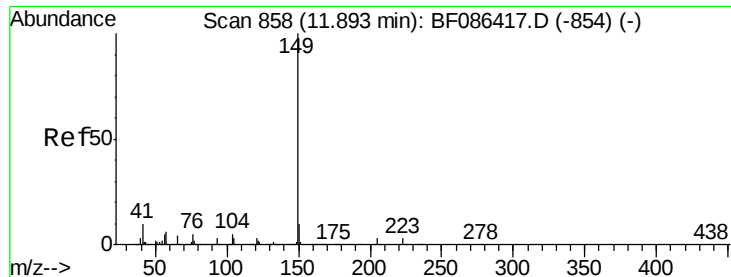
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086430.D
 Acq: 27 Apr 2016 18:08

Tgt Ion:188 Resp: 361844
 Ion Ratio Lower Upper
 188 100
 94 10.7 6.8 10.2#
 80 11.0 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





#73

Di-n-butylphthalate

Concen: 9.35 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

Instrument :

BNA_F

ClientSampleId :

WC-WDL

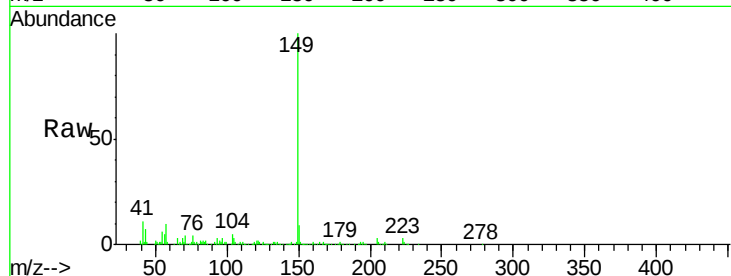
Tgt Ion:149 Resp: 190279

Ion Ratio Lower Upper

149 100

150 8.7 7.6 11.4

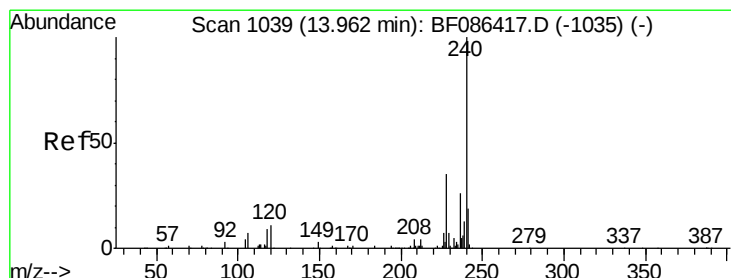
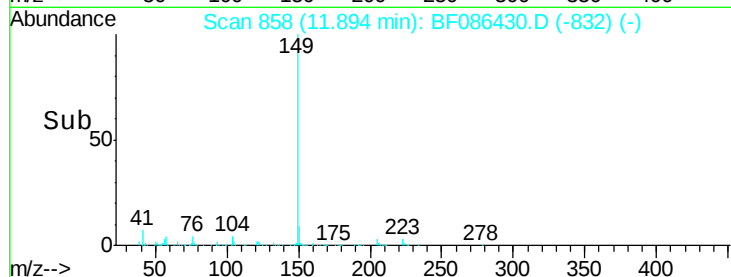
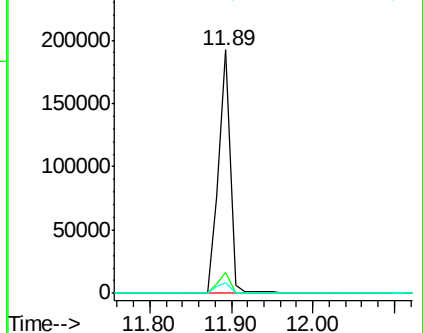
104 4.5 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

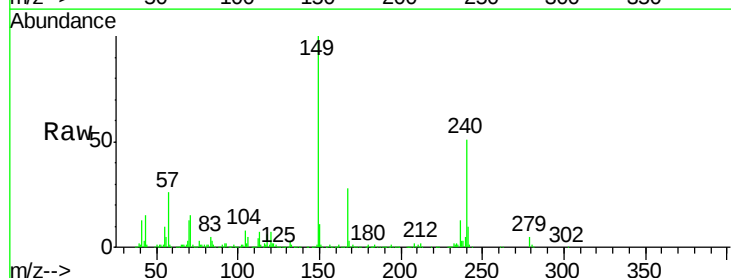
Tgt Ion:240 Resp: 227323

Ion Ratio Lower Upper

240 100

120 14.3 11.2 16.8

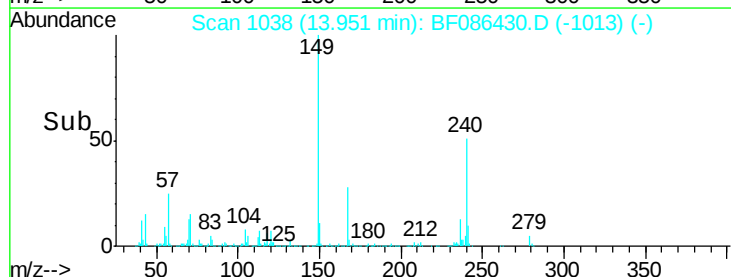
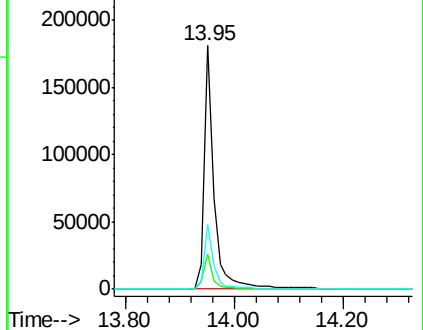
236 26.3 21.2 31.8

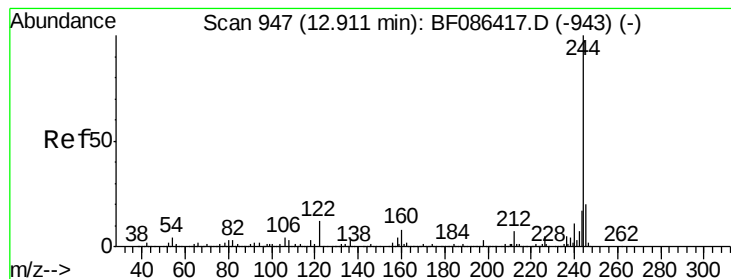


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.19 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

Instrument :

BNA_F

ClientSampleId :

WC-WDL

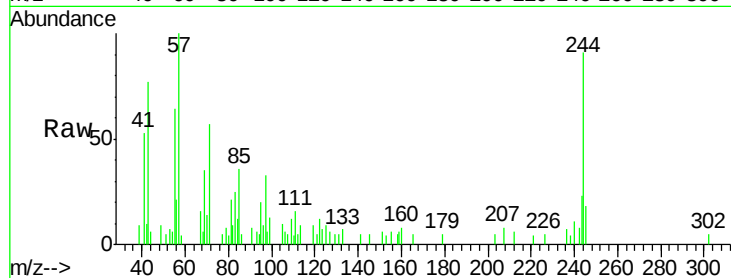
Tgt Ion:244 Resp: 12274

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

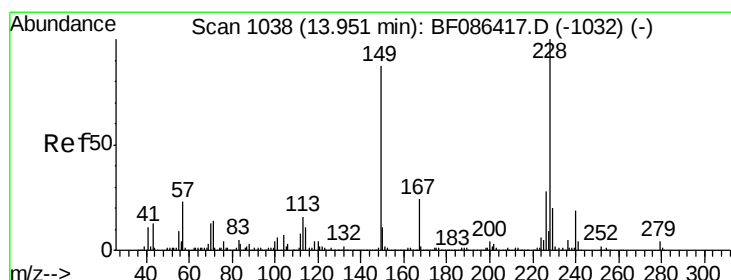
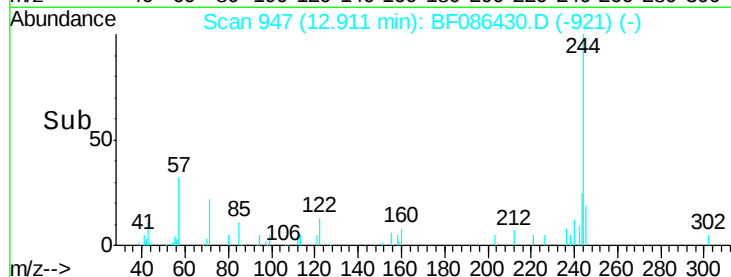
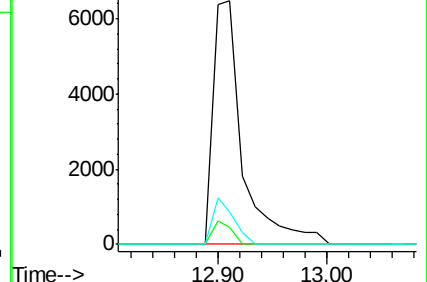
122 13.5 12.0 18.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.94 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086430.D

Acq: 27 Apr 2016 18:08

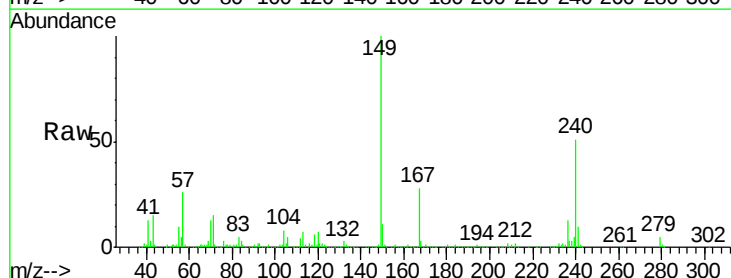
Tgt Ion:149 Resp: 430978

Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.6

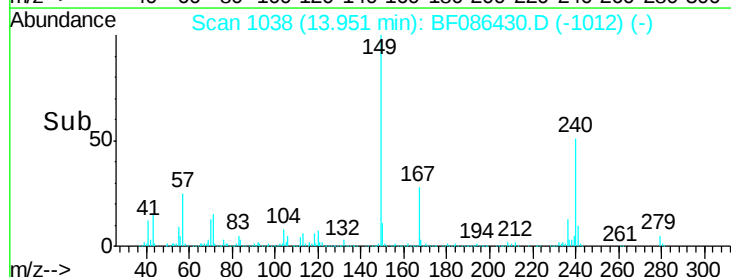
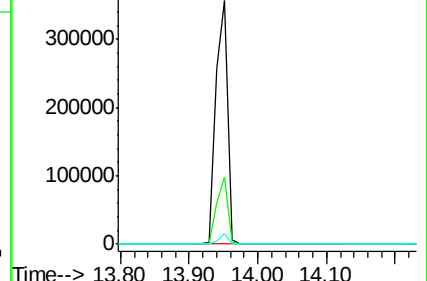
279 4.5 2.6 4.0#

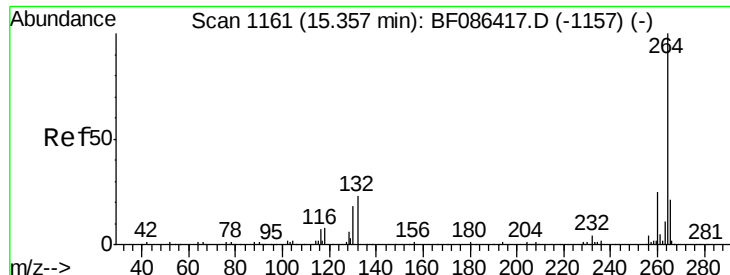


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

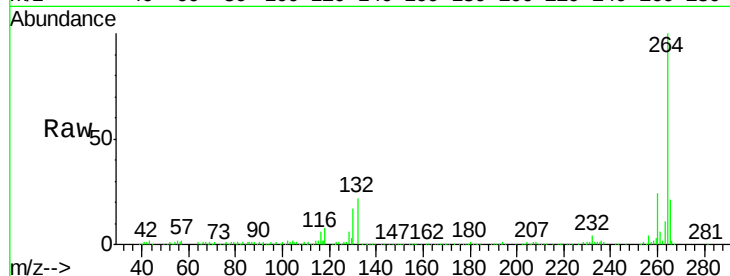




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086430.D
Acq: 27 Apr 2016 18:08

Instrument :
BNA_F
ClientSampleId :
WC-WDL

Tgt Ion: 264 Resp: 240213
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.4 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

