

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087174.D
 Acq On : 19 May 2016 6:45
 Operator : UM/SJ
 Sample : H3106-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Quant Time: May 19 07:43:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	121382	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	497631	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	237108	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	383506	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	287483	20.00	ng	-0.05
86) Perylene-d12	15.06	264	286570	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	510611	70.71	ng	-0.03
7) Phenol-d6	6.24	99	421673	43.54	ng	-0.05
23) Nitrobenzene-d5	7.15	82	942400	94.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	311053	118.72	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1569311	109.61	ng	-0.03
78) Terphenyl-d14	12.67	244	1242564	97.77	ng	-0.03

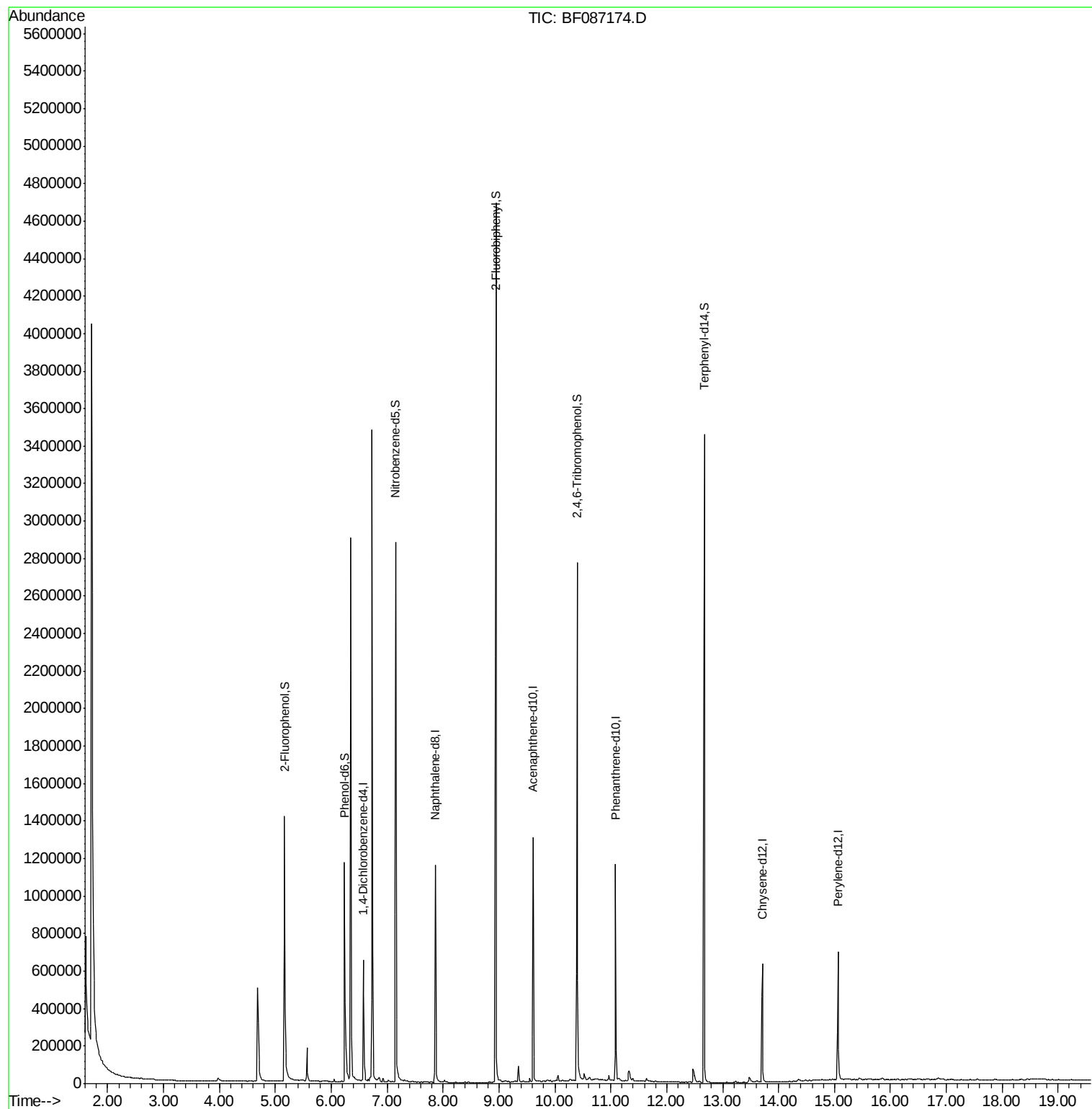
Target Compounds Qvalue

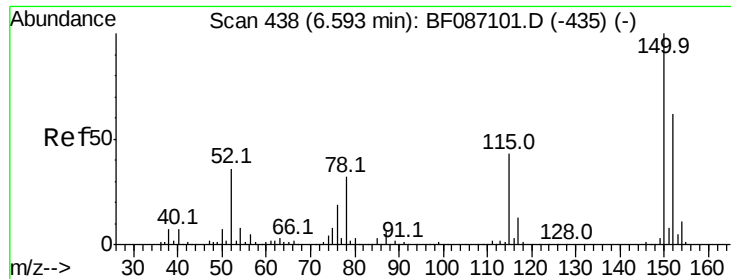
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087174.D

Acq: 19 May 2016 6:45

Instrument :

BNA_F

ClientSampleId :

W-04

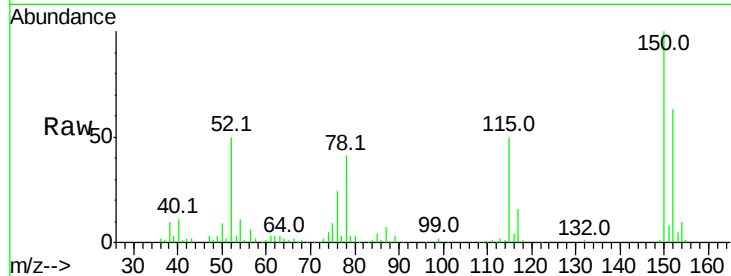
Tot Ion:152 Resp: 121382

Ion Ratio Lower Upper

152 100

150 158.8 125.8 188.6

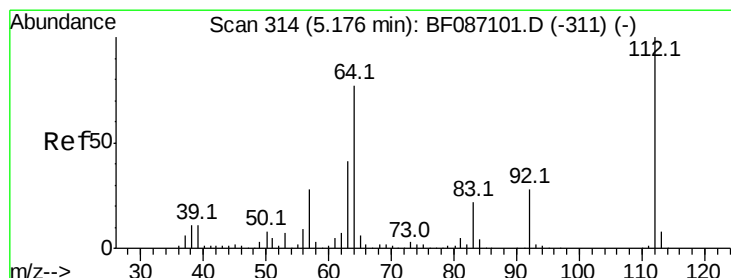
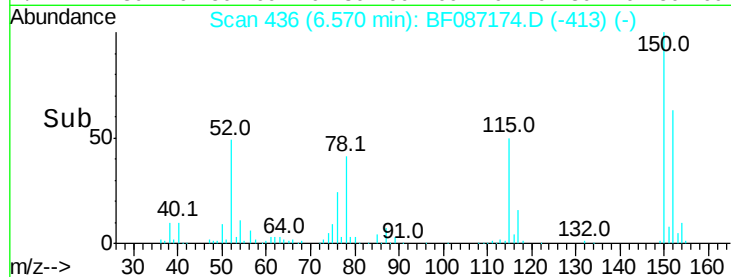
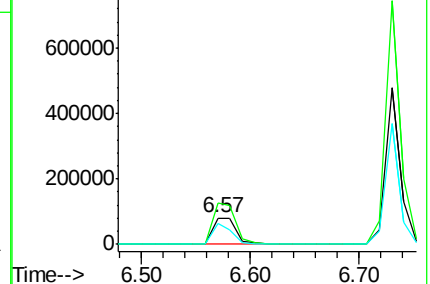
115 79.9 51.5 77.3#



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: 70.71 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087174.D

Acq: 19 May 2016 6:45

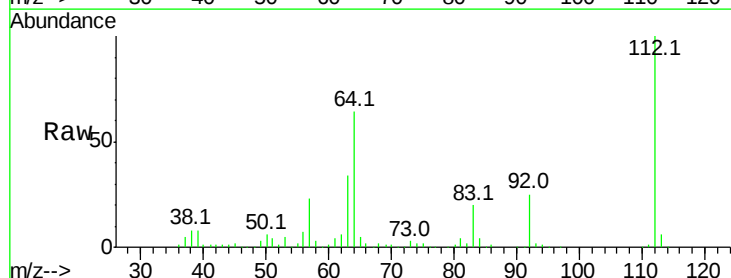
Tgt Ion:112 Resp: 510611

Ion Ratio Lower Upper

112 100

64 63.8 52.1 78.1

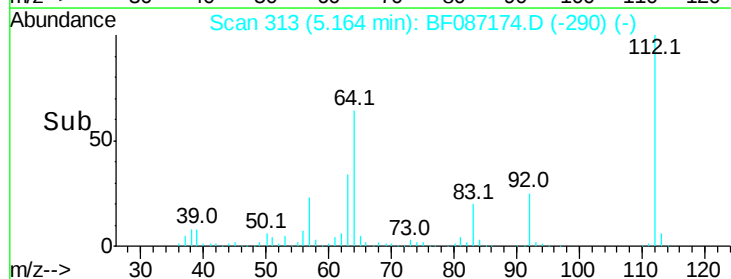
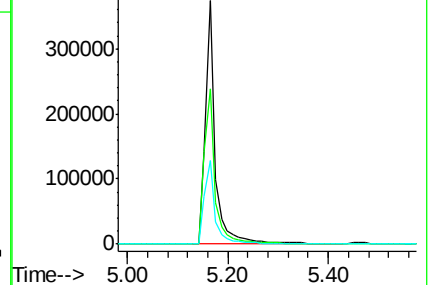
63 34.5 25.7 38.5

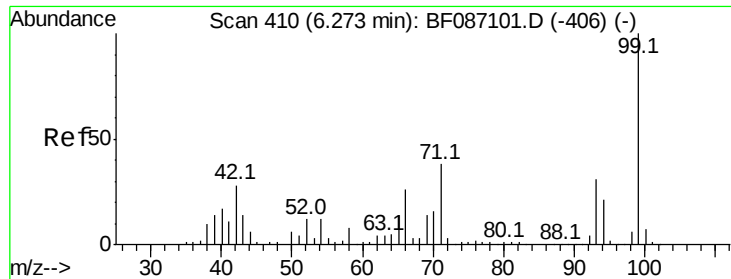


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.54 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087174.D

Acq: 19 May 2016 6:45

Instrument :

BNA_F

ClientSampleId :

W-04

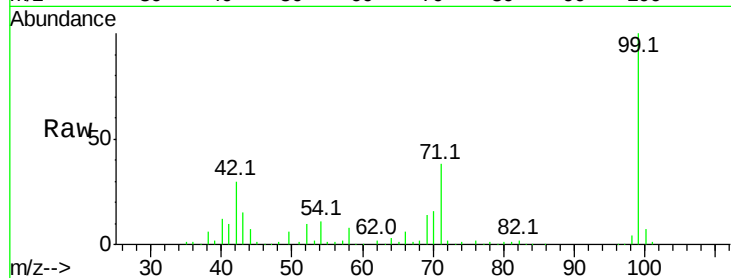
Tot Ion: 99 Resp: 421673

Ion Ratio Lower Upper

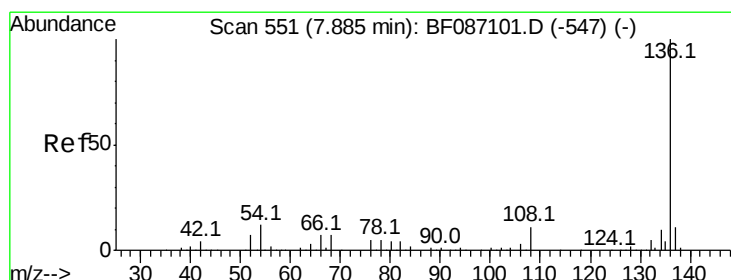
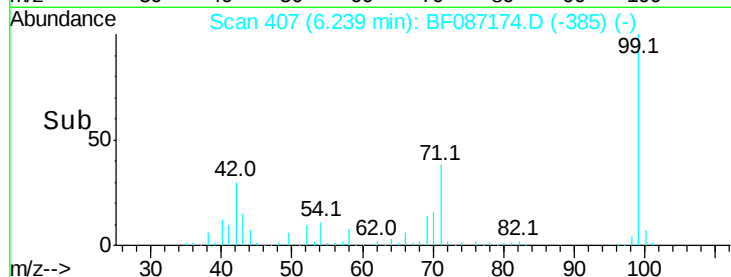
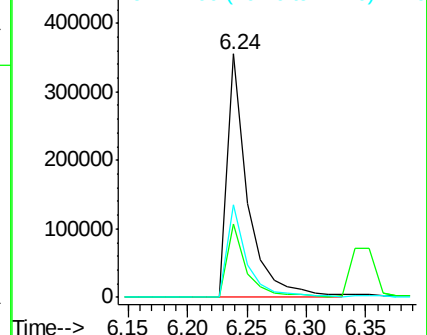
99 100

42 30.1 13.6 20.4#

71 38.0 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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087174.D

Acq: 19 May 2016 6:45

Tgt Ion: 136 Resp: 497631

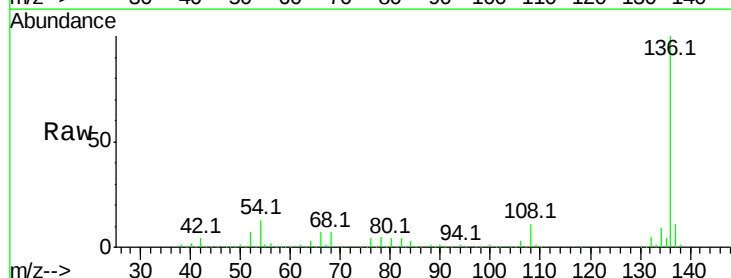
Ion Ratio Lower Upper

136 100

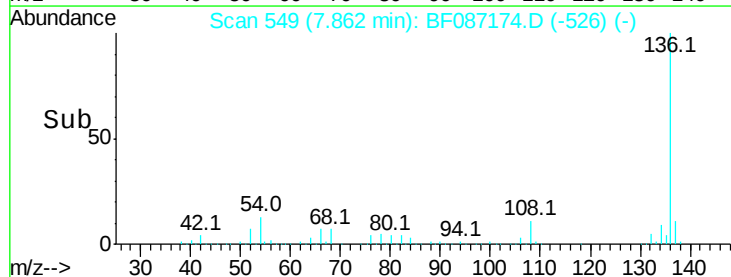
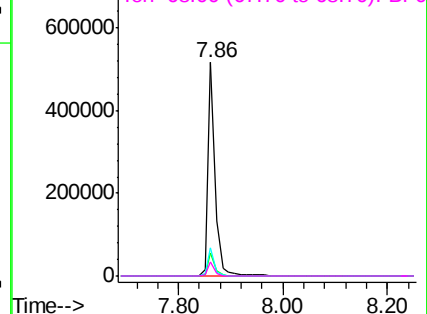
137 11.0 8.8 13.2

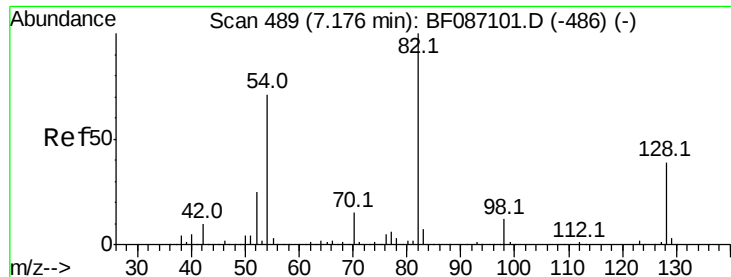
54 13.2 5.0 7.4#

68 6.7 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

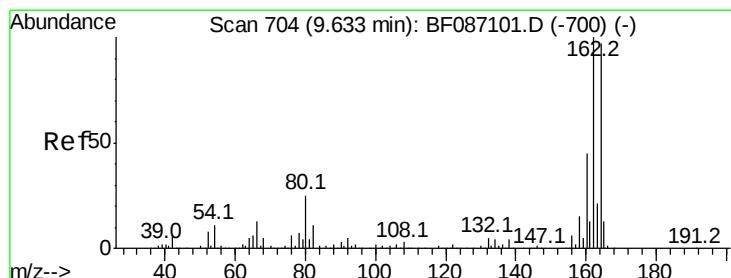
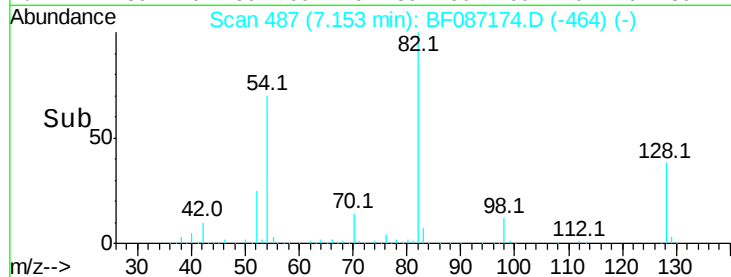
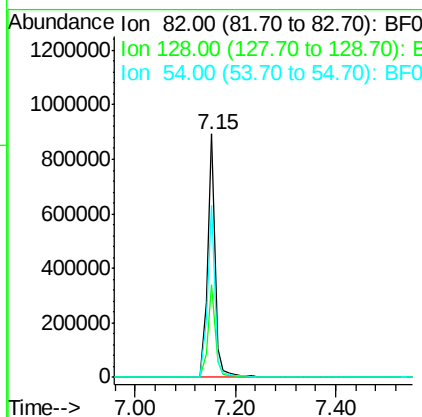
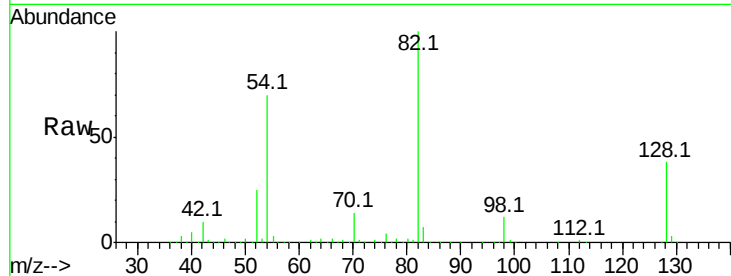




#23
 Nitrobenzene-d5
 Concen: 94.38 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087174.D
 Acq: 19 May 2016 6:45

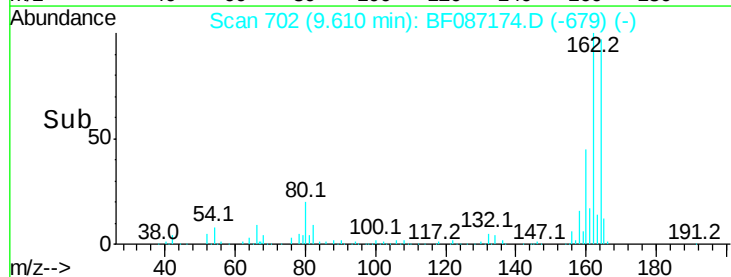
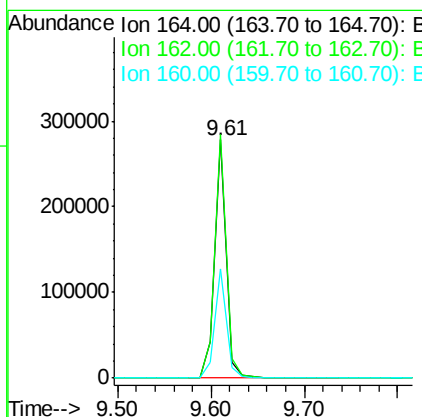
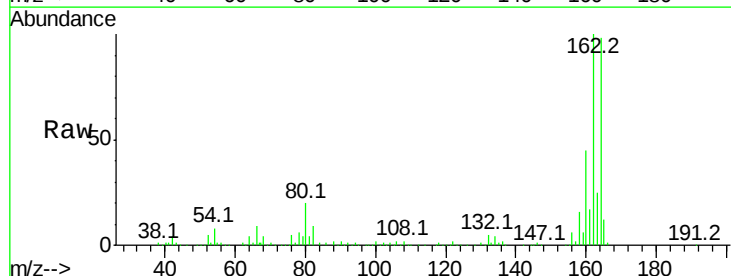
Instrument :
 BNA_F
 ClientSampleId :
 W-04

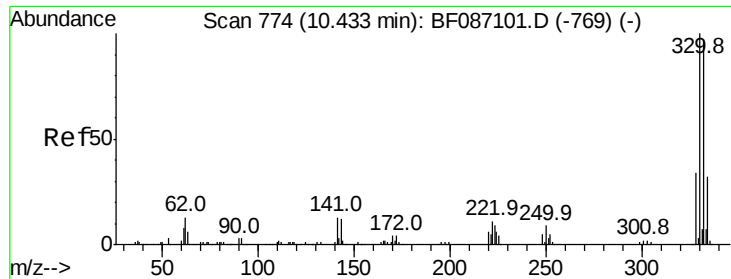
Tot Ion: 82 Resp: 942400
 Ion Ratio Lower Upper
 82 100
 128 38.0 40.6 61.0#
 54 70.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF087174.D
 Acq: 19 May 2016 6:45

Tgt Ion:164 Resp: 237108
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 45.9 36.9 55.3

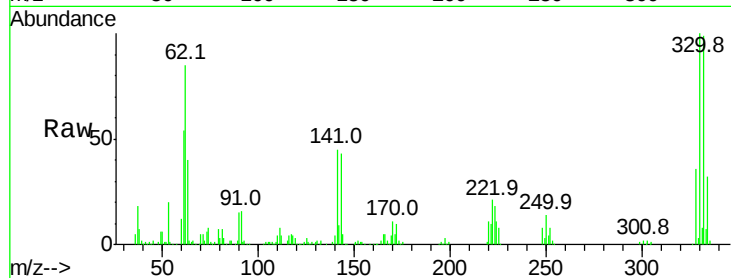




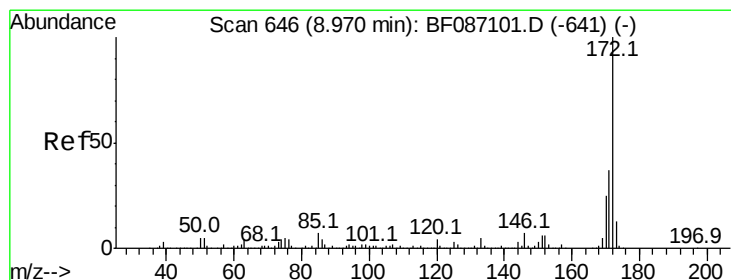
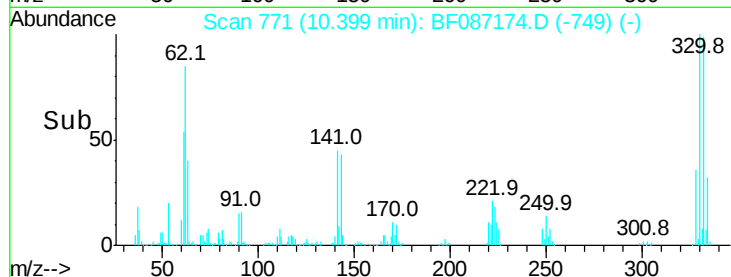
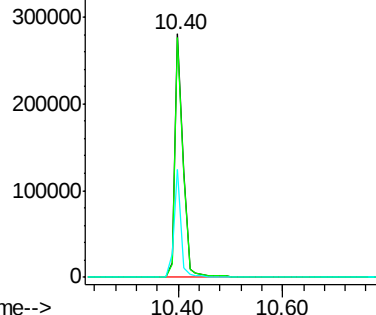
#41
 2,4,6-Tribromophenol
 Concen: 118.72 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087174.D
 Acq: 19 May 2016 6:45

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	38.4	31.2	46.8

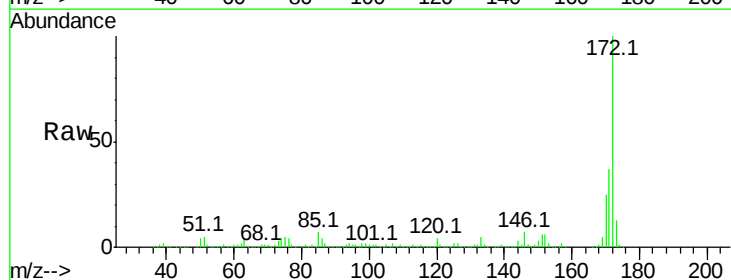


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

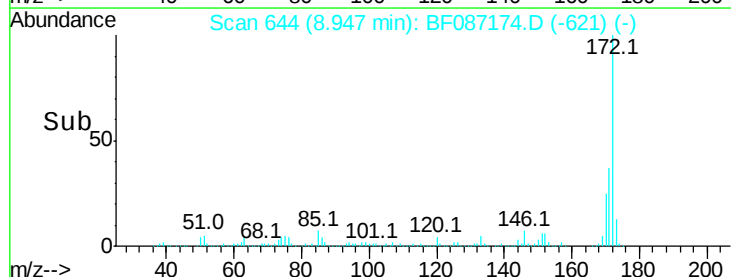
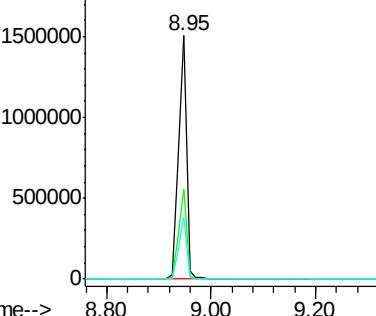


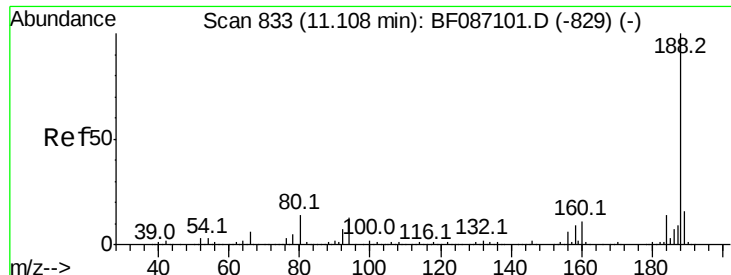
#44
 2-Fluorobiphenyl
 Concen: 109.61 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087174.D
 Acq: 19 May 2016 6:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	25.2	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

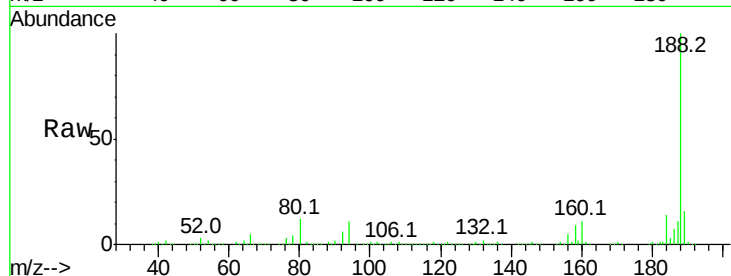




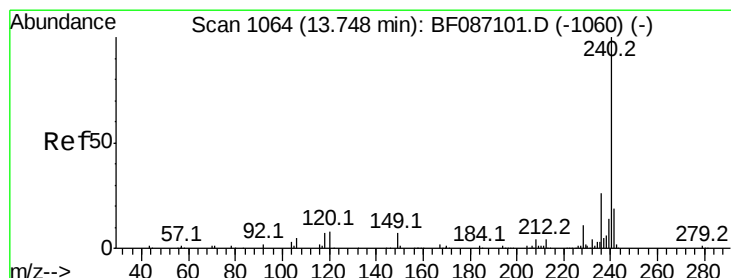
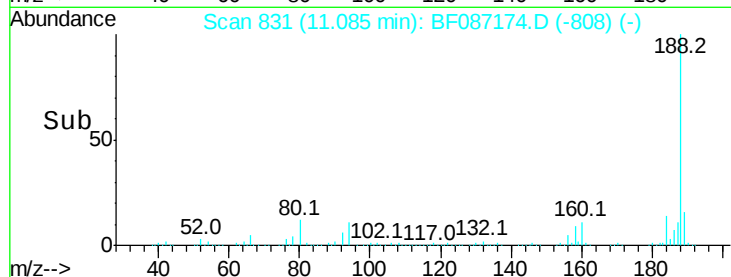
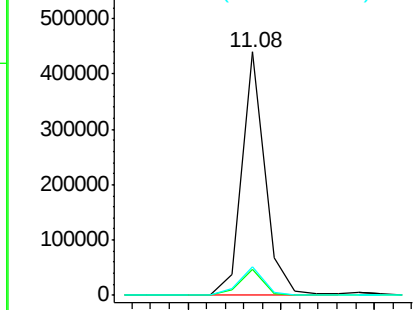
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Instrument :
BNA_F
ClientSampleId :
W-04

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.8	10.2#
80	11.8	7.1	10.7#

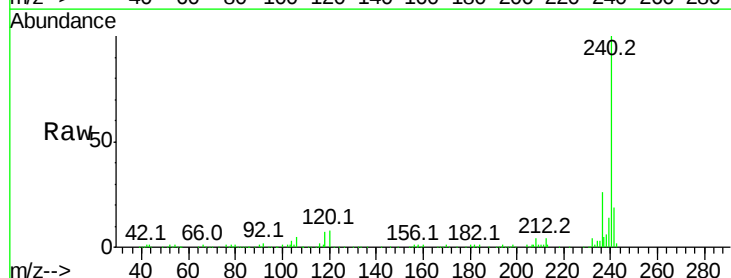


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

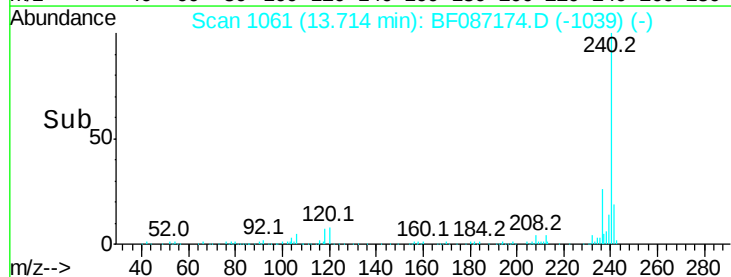
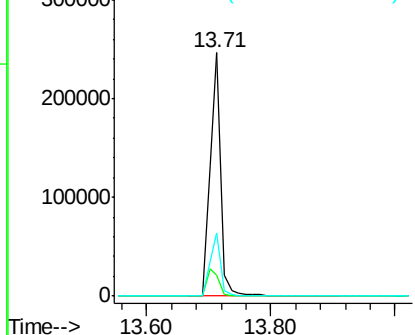


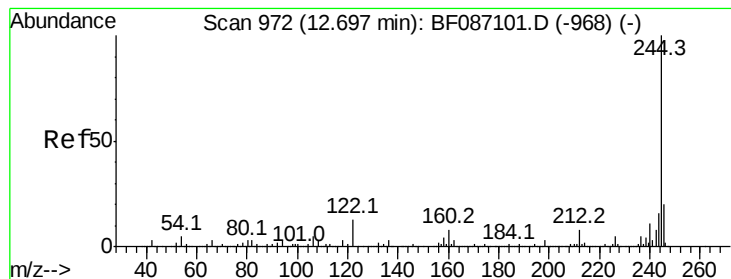
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087174.D
Acq: 19 May 2016 6:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	11.2	16.8#
236	26.0	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





#78

Terphenyl-d14

Concen: 97.77 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087174.D

Acq: 19 May 2016 6:45

Instrument :

BNA_F

ClientSampleId :

W-04

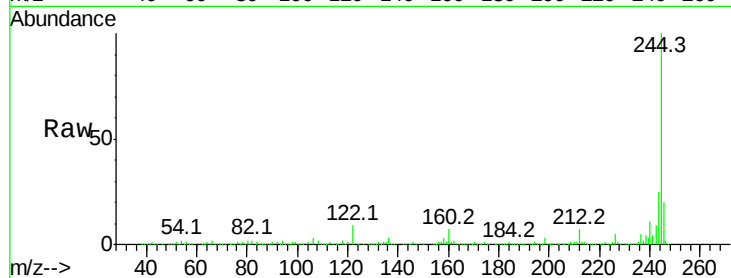
Tot Ion:244 Resp: 1242564

Ion Ratio Lower Upper

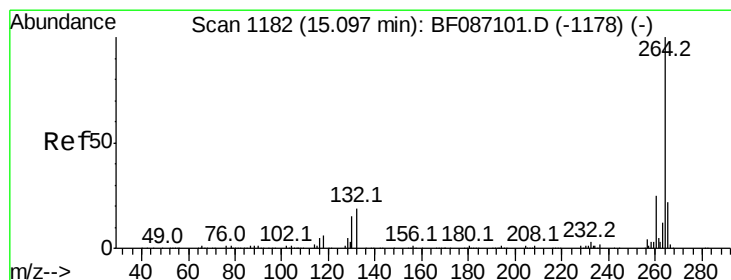
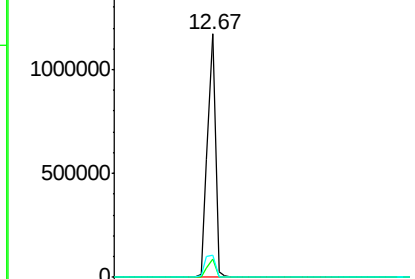
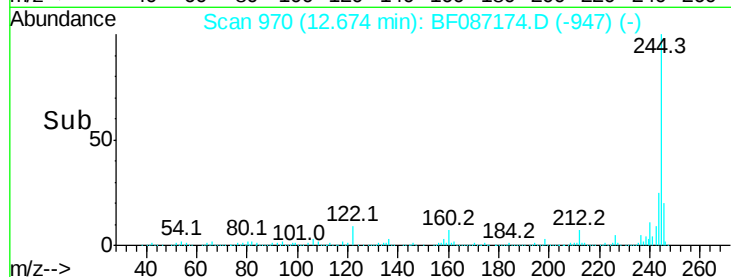
244 100

212 7.3 6.2 9.2

122 9.3 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: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087174.D

Acq: 19 May 2016 6:45

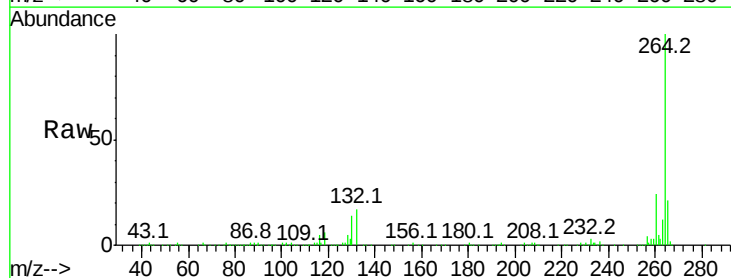
Tgt Ion:264 Resp: 286570

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.2 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

