

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087414.D
 Acq On : 26 May 2016 18:23
 Operator : UM/SJ
 Sample : H3233-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-U-M

Quant Time: May 27 02:17:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	102876	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	416162	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	192359	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	381626	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	313966	20.00	ng	-0.02
86) Perylene-d12	20.13	264	224731	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	275932	47.13	ng	0.00
7) Phenol-d6	7.06	99	235579	29.78	ng	-0.01
23) Nitrobenzene-d5	8.42	82	762141	92.30	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	168374	91.09	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1224714	89.76	ng	-0.02
78) Terphenyl-d14	17.12	244	1172613	79.40	ng	-0.01

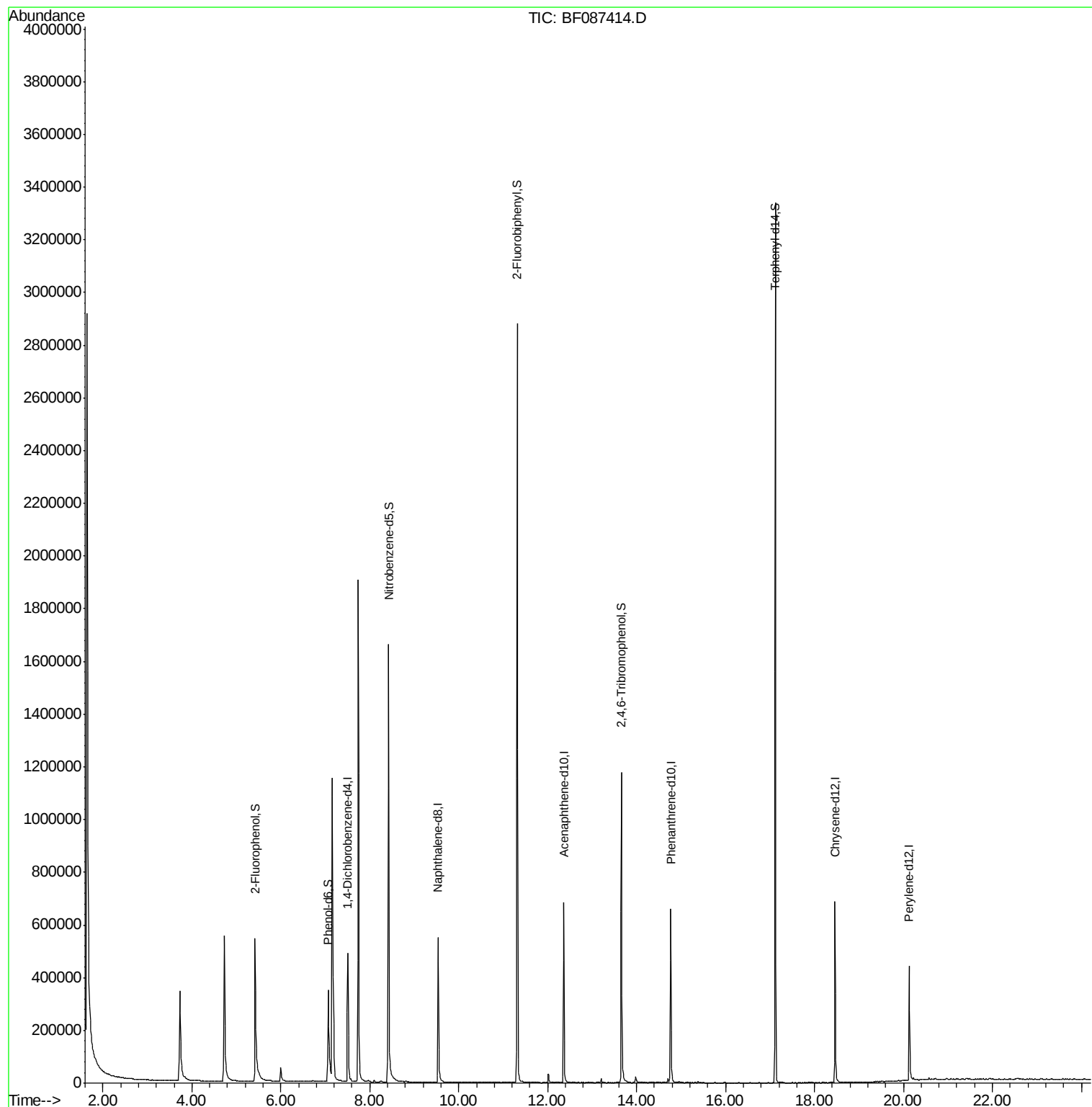
Target Compounds Qvalue

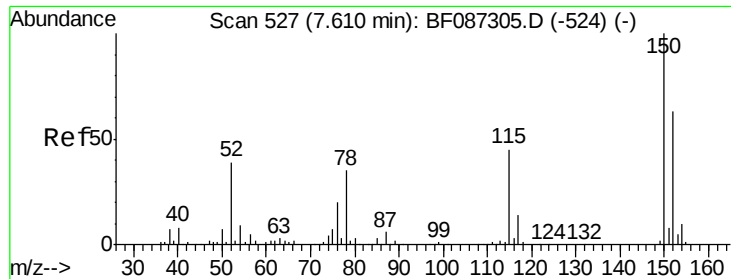
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-U-M

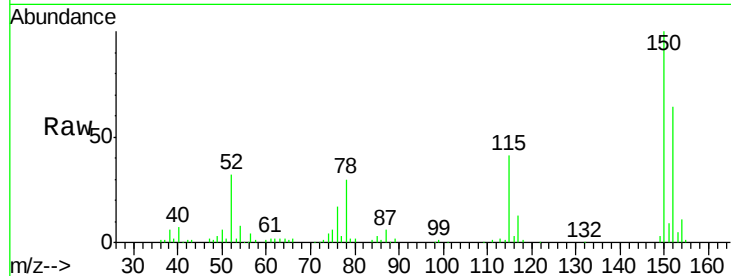
Tot Ion:152 Resp: 102876

Ion Ratio Lower Upper

152 100

150 157.4 125.8 188.6

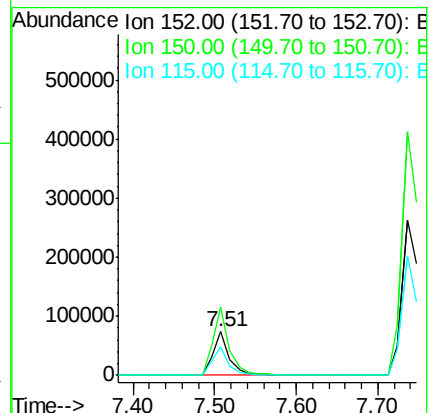
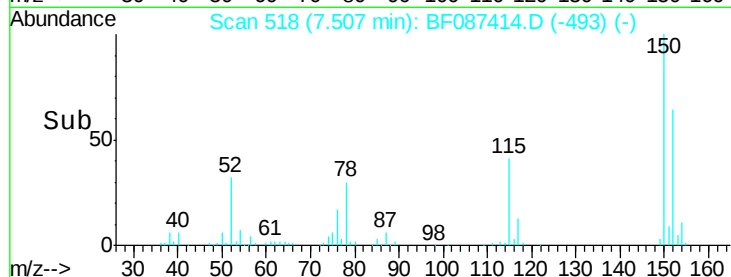
115 64.4 51.5 77.3



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: 47.13 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

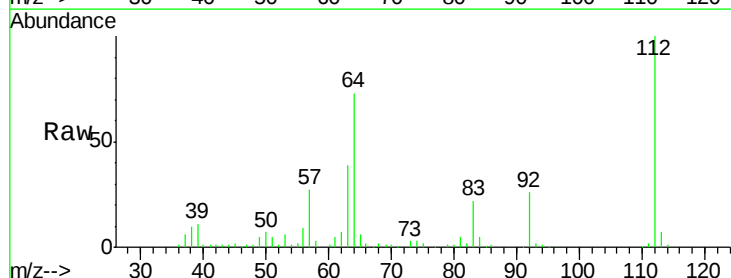
Tgt Ion:112 Resp: 275932

Ion Ratio Lower Upper

112 100

64 72.6 52.1 78.1

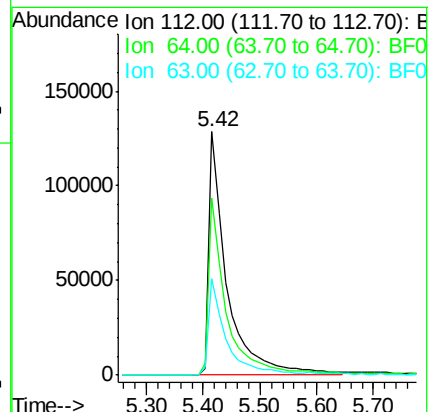
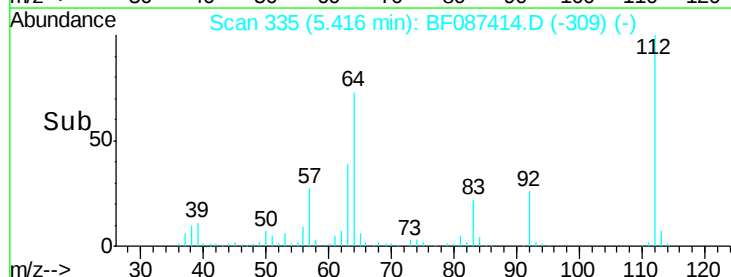
63 39.5 25.7 38.5#



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: 29.78 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-U-M

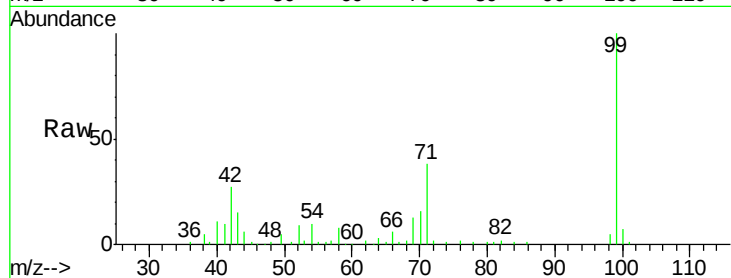
Tot Ion: 99 Resp: 235579

Ion Ratio Lower Upper

99 100

42 27.3 13.6 20.4#

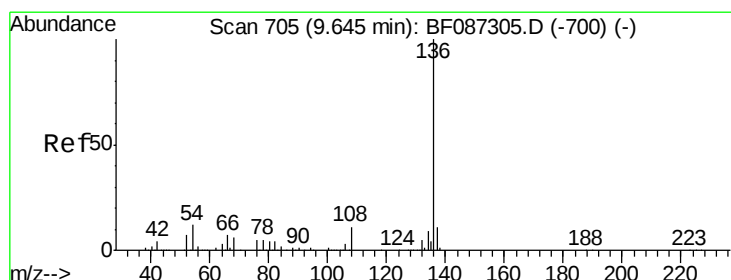
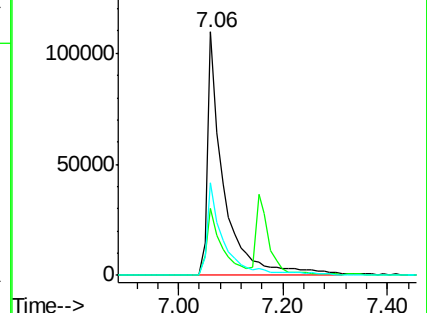
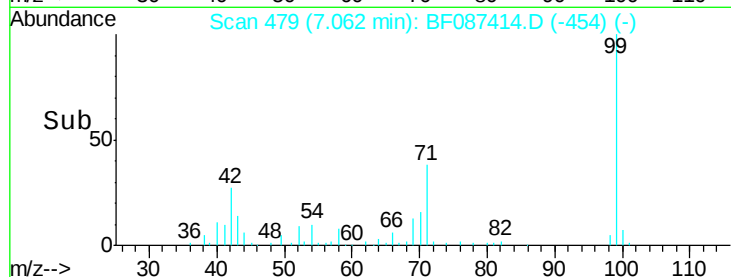
71 38.0 24.6 36.8#



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: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Tgt Ion: 136 Resp: 416162

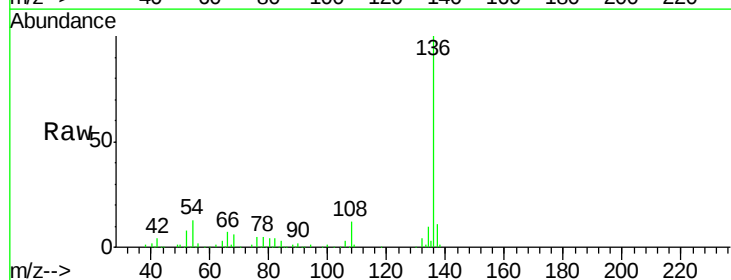
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 12.8 5.0 7.4#

68 6.2 4.4 6.6

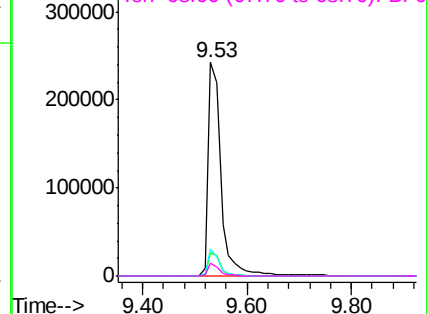
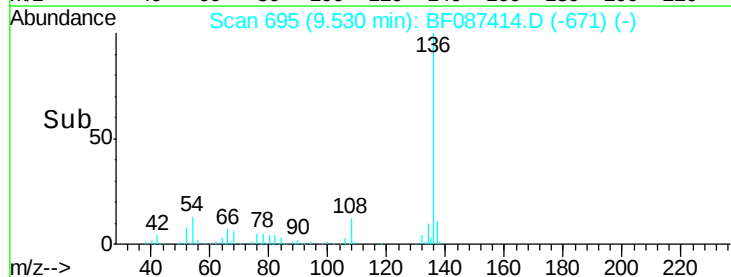


Abundance Ion 136.00 (135.70 to 136.70): E

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

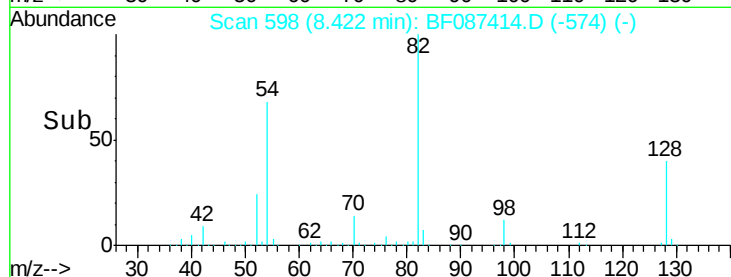
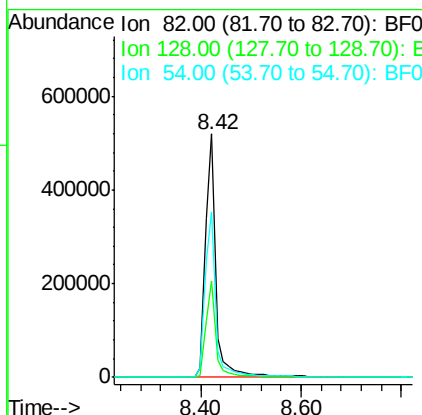
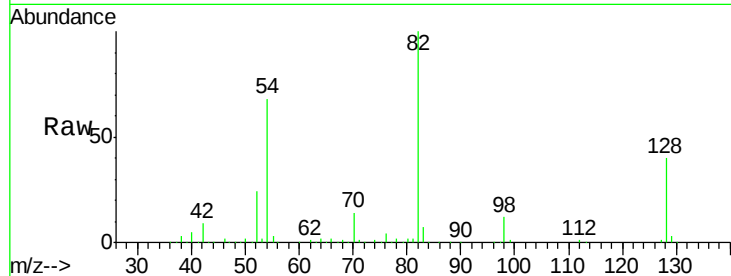




#23
Nitrobenzene-d5
Concen: 92.30 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087414.D
Acq: 26 May 2016 18:23

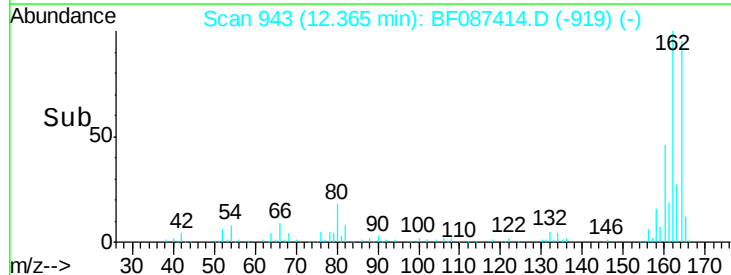
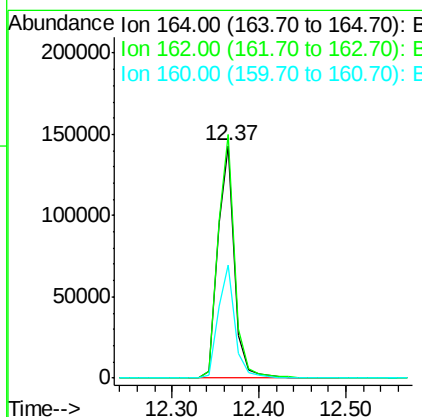
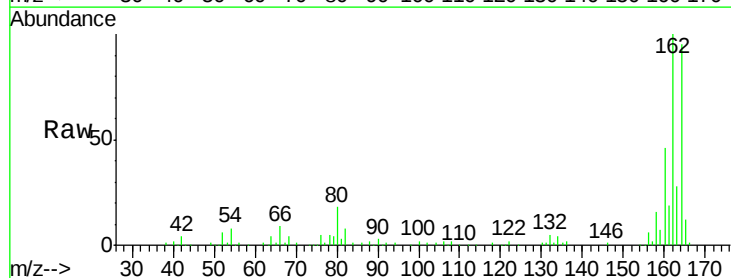
Instrument :
BNA_F
ClientSampleId :
052016-P42-E-U-M

Tot Ion: 82 Resp: 762141
Ion Ratio Lower Upper
82 100
128 39.6 40.6 61.0#
54 68.0 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF087414.D
Acq: 26 May 2016 18:23

Tgt Ion:164 Resp: 192359
Ion Ratio Lower Upper
164 100
162 104.8 82.8 124.2
160 48.4 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 91.09 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-U-M

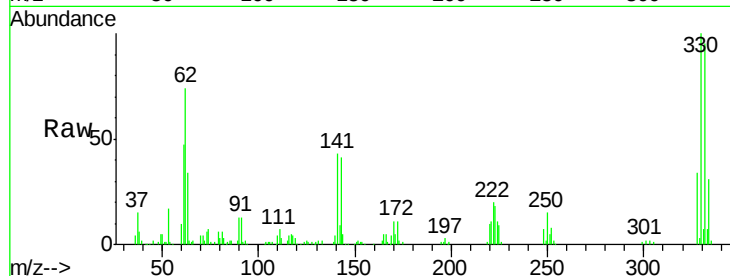
Tot Ion:330 Resp: 168374

Ion Ratio Lower Upper

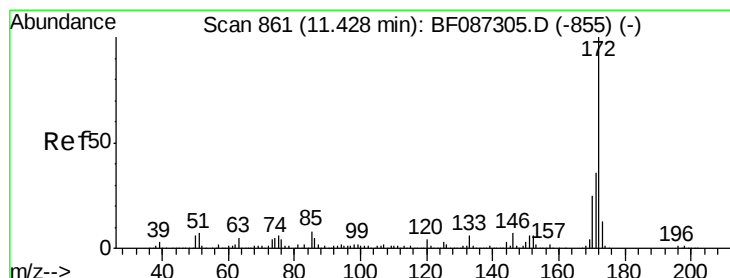
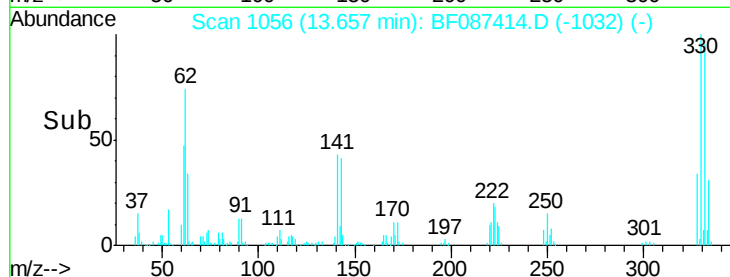
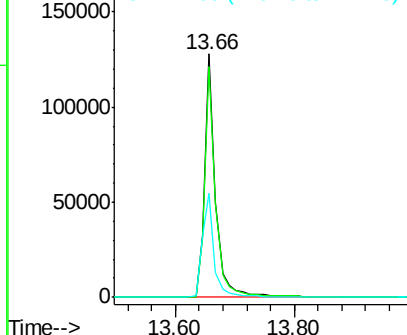
330 100

332 95.4 79.0 118.4

141 46.2 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: 89.76 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

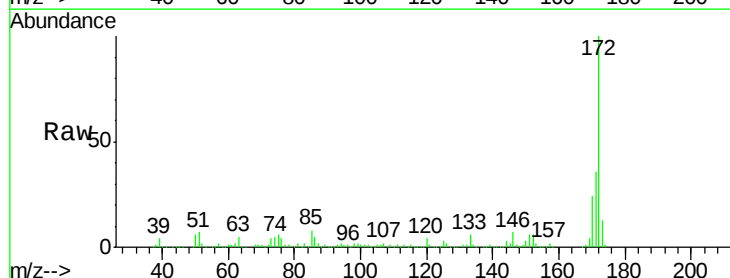
Tgt Ion:172 Resp: 1224714

Ion Ratio Lower Upper

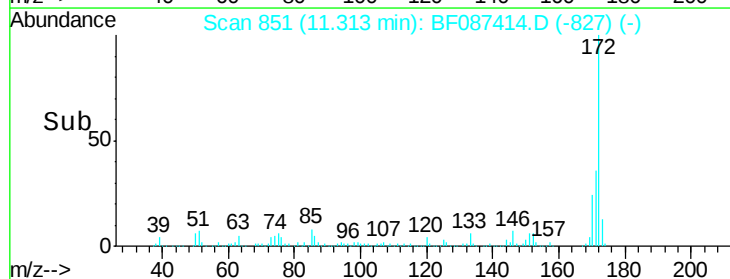
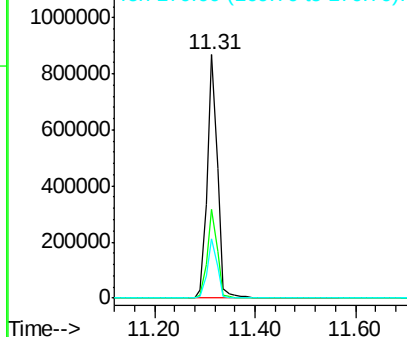
172 100

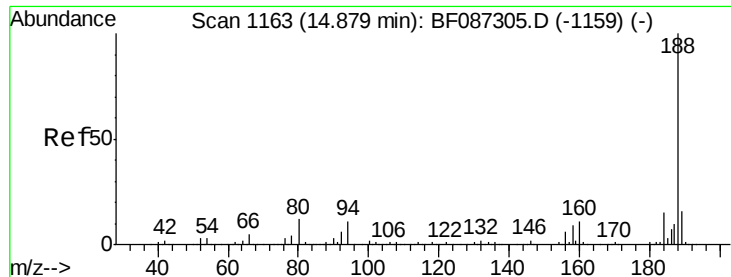
171 36.5 29.0 43.6

170 24.2 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

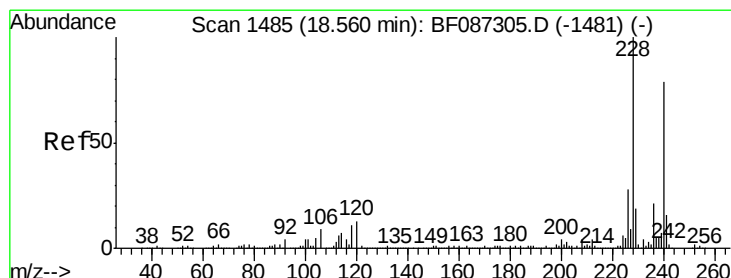
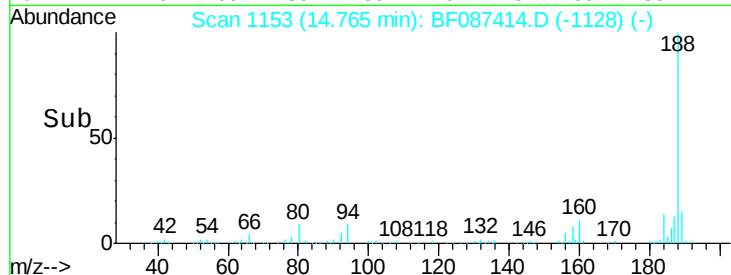
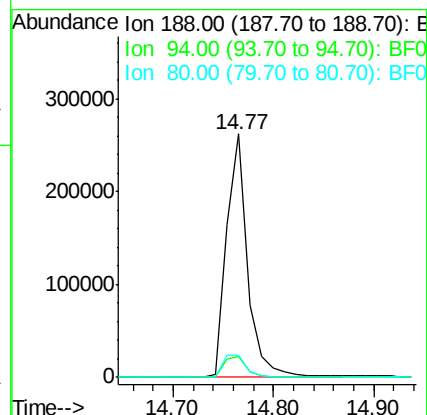
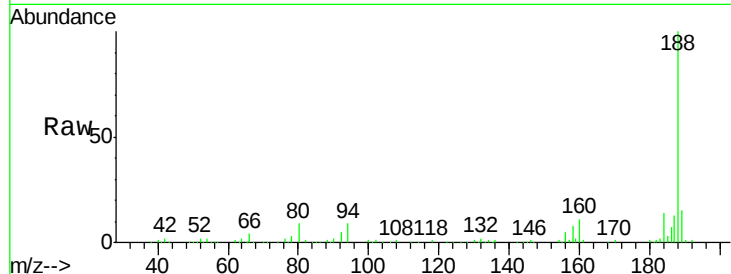




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087414.D
 Acq: 26 May 2016 18:23

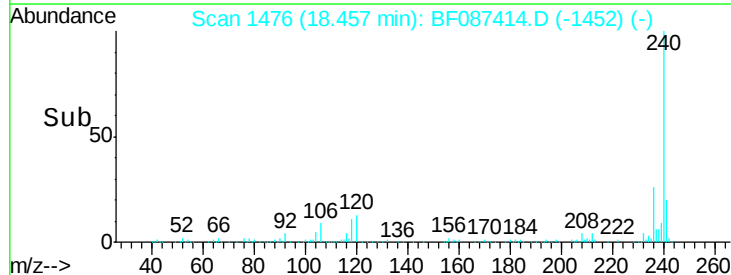
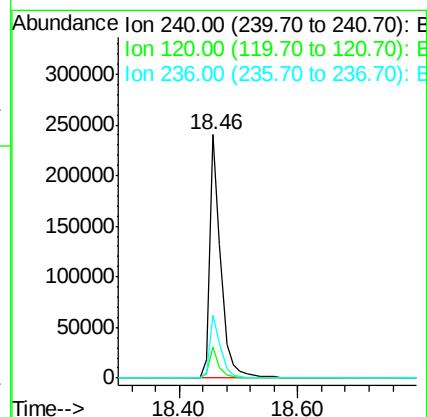
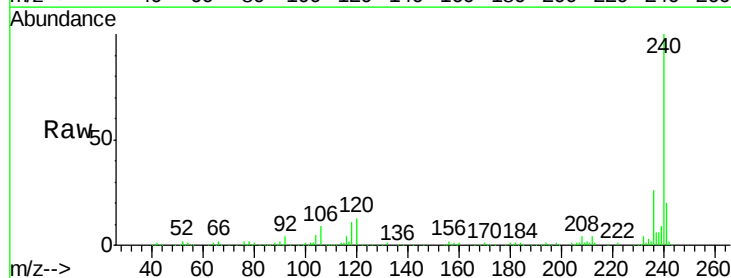
Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-U-M

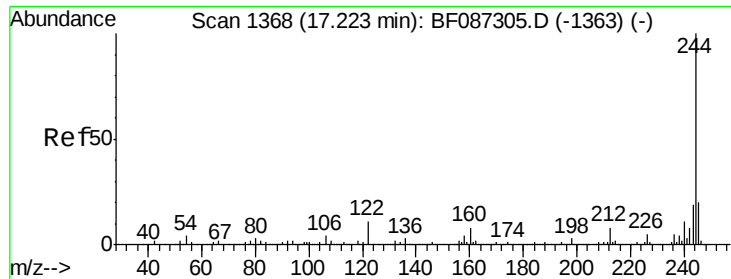
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	8.9	7.1	10.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.46 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF087414.D
 Acq: 26 May 2016 18:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	11.2	16.8
236	26.0	21.2	31.8





#78

Terphenyl-d14

Concen: 79.40 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-U-M

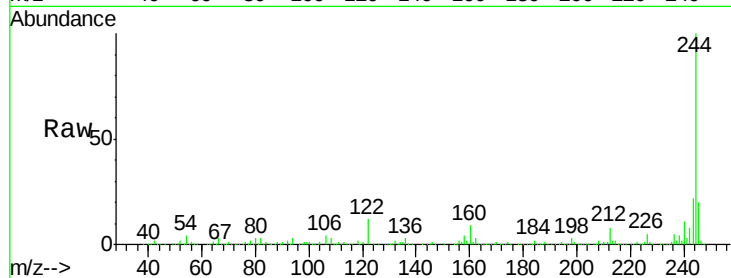
Tot Ion:244 Resp: 1172613

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

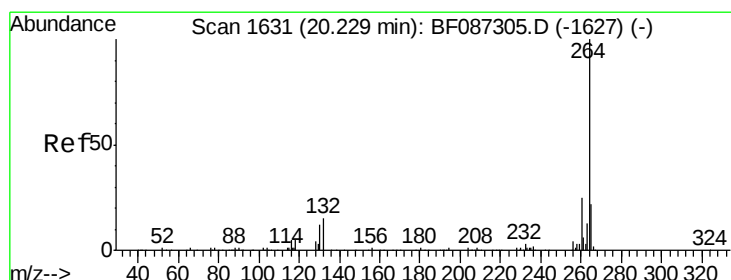
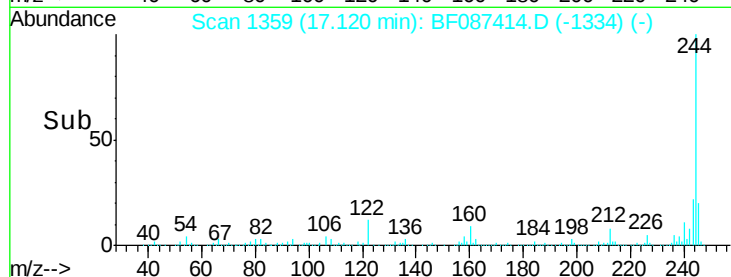
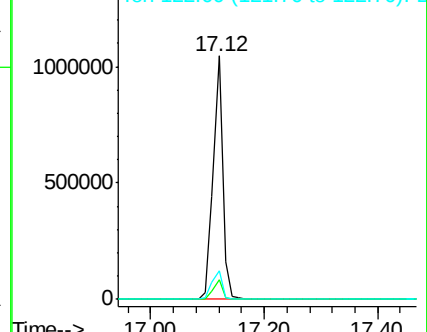
122 11.9 12.0 18.0#



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: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087414.D

Acq: 26 May 2016 18:23

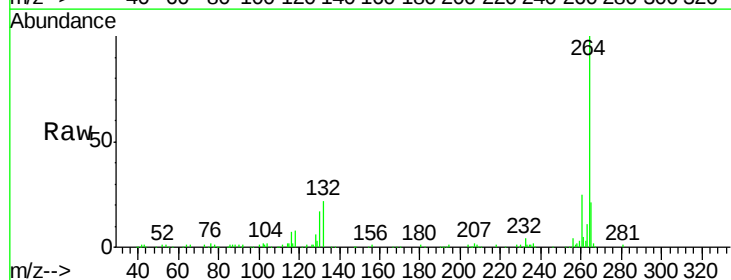
Tgt Ion:264 Resp: 224731

Ion Ratio Lower Upper

264 100

260 25.0 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

