

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087558.D
 Acq On : 30 May 2016 19:21
 Operator : UM/SJ
 Sample : H3317-13
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-04

Quant Time: May 31 01:48:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	104256	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	426047	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	199076	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	351559	20.00	ng	0.00
75) Chrysene-d12	18.47	240	231228	20.00	ng	0.02
86) Perylene-d12	20.15	264	208542	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	381525	64.30	ng	0.02
7) Phenol-d6	7.06	99	325298	40.58	ng	0.02
23) Nitrobenzene-d5	8.39	82	774881	91.66	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	247480	129.36	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1274549	90.26	ng	-0.01
78) Terphenyl-d14	17.09	244	999278	91.88	ng	-0.01

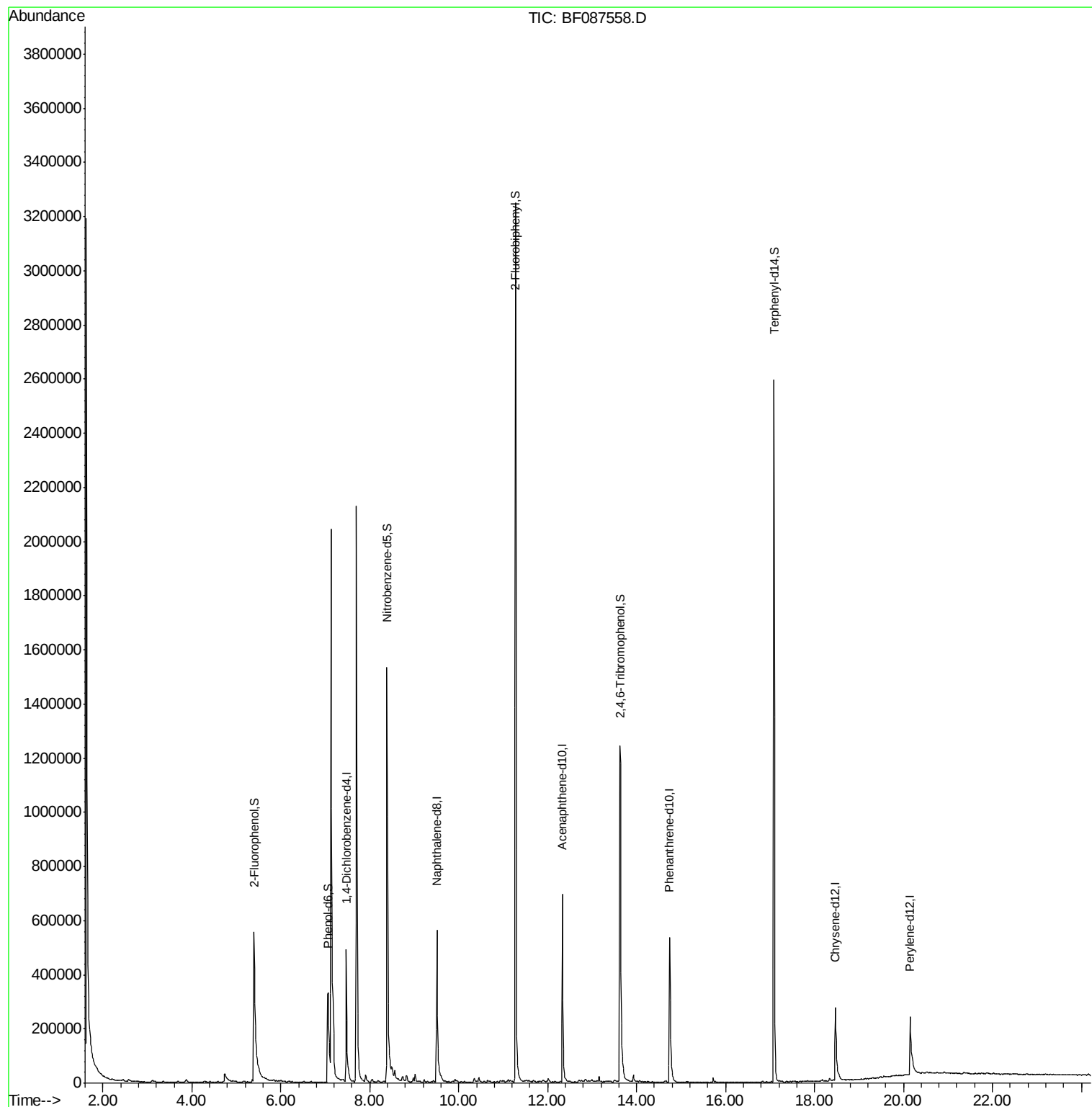
Target Compounds Qvalue

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

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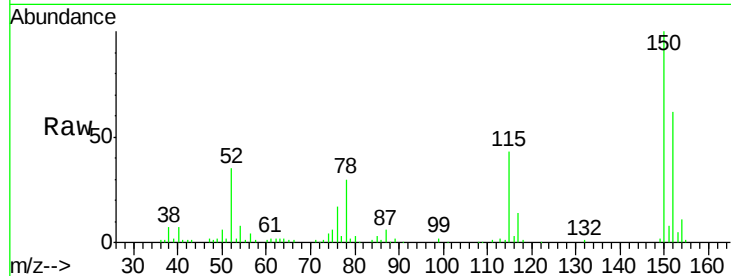


#1

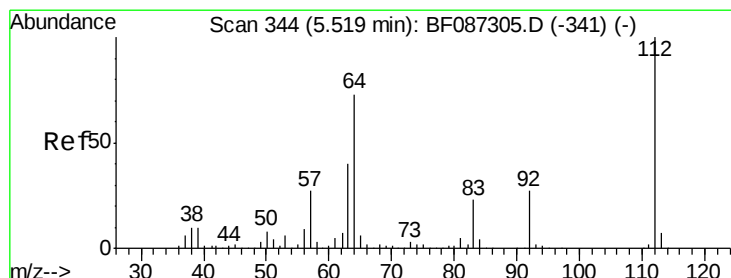
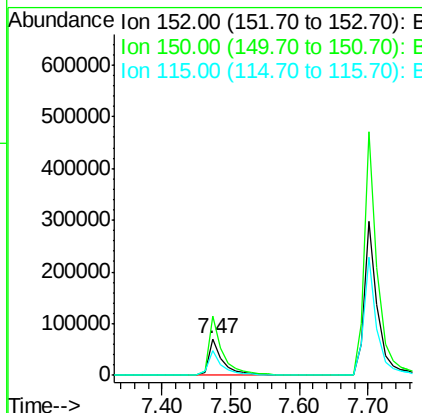
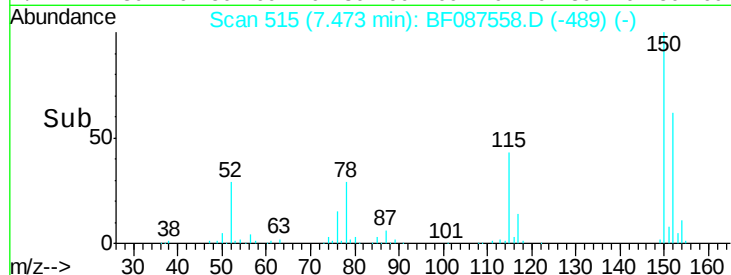
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

Instrument :
BNA_F
ClientSampleId :
GMW-04

Tot Ion:152 Resp: 104256
Ion Ratio Lower Upper
152 100
150 160.3 125.8 188.6
115 68.4 51.5 77.3



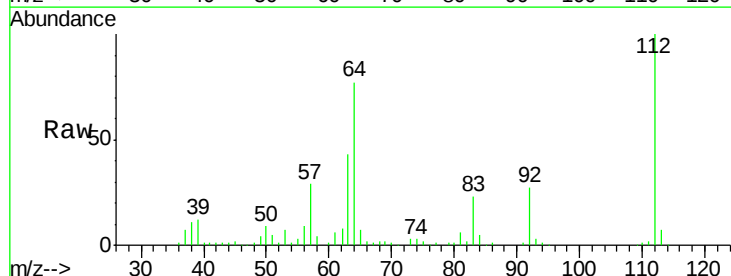
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



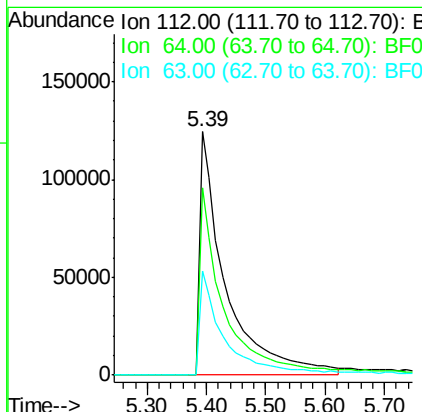
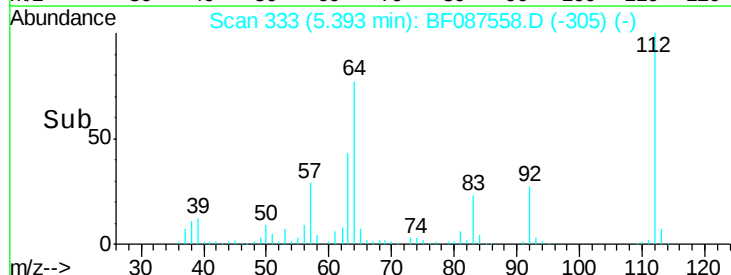
#5

2-Fluorophenol
Concen: 64.30 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

Tgt Ion:112 Resp: 381525
Ion Ratio Lower Upper
112 100
64 77.2 52.1 78.1
63 42.6 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: 40.58 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.02 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

Instrument :

BNA_F

ClientSampleId :

GMW-04

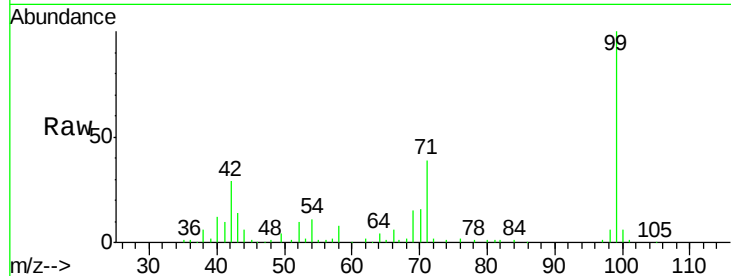
Tot Ion: 99 Resp: 325298

Ion Ratio Lower Upper

99 100

42 28.6 13.6 20.4#

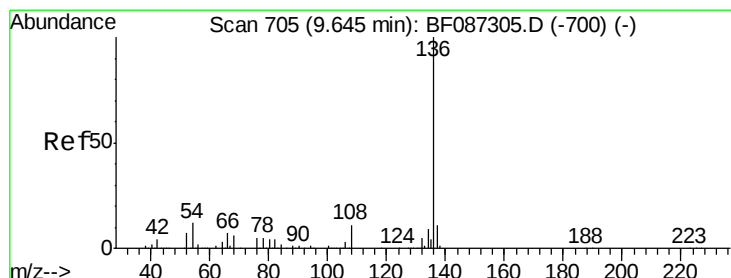
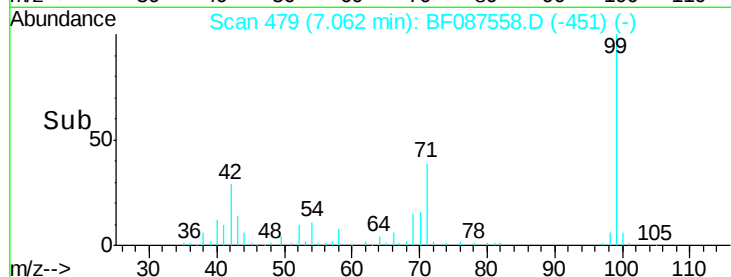
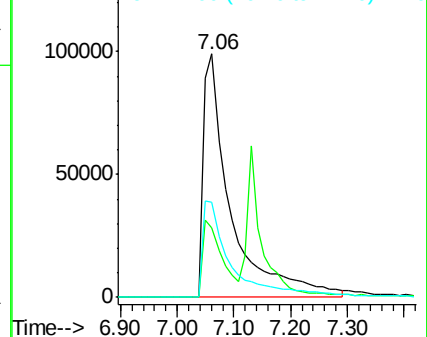
71 39.3 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

Tgt Ion: 136 Resp: 426047

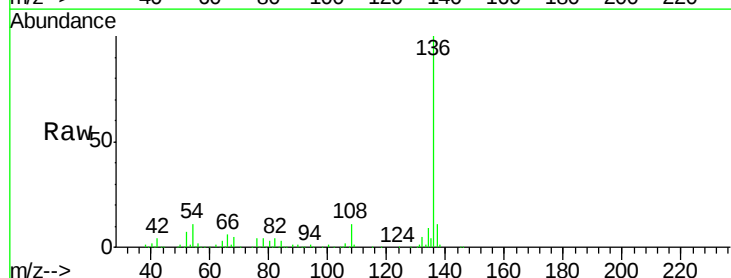
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.5 5.0 7.4#

68 5.0 4.4 6.6

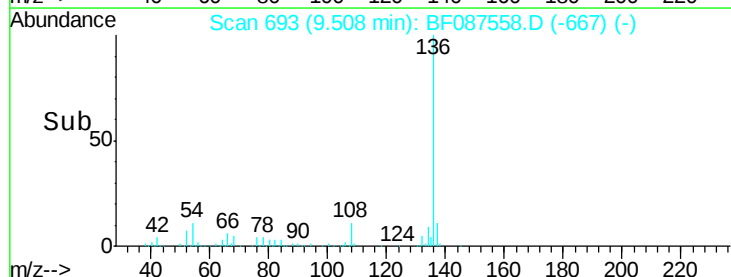
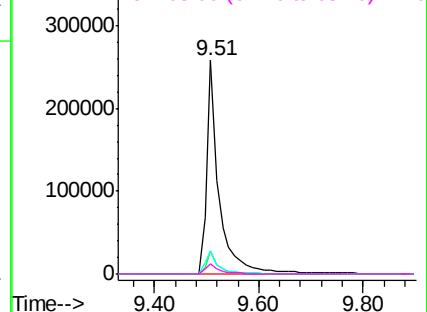


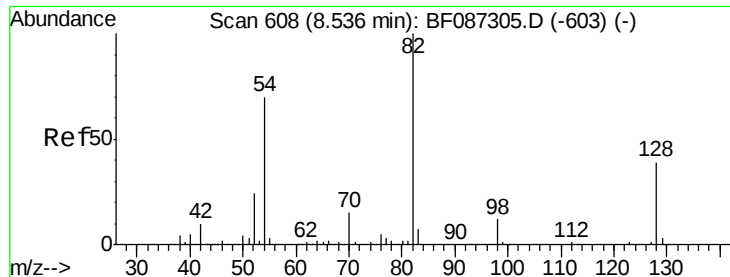
Abundance Ion 136.00 (135.70 to 136.70): E

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

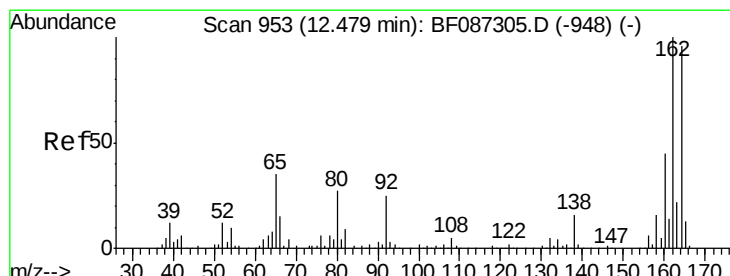
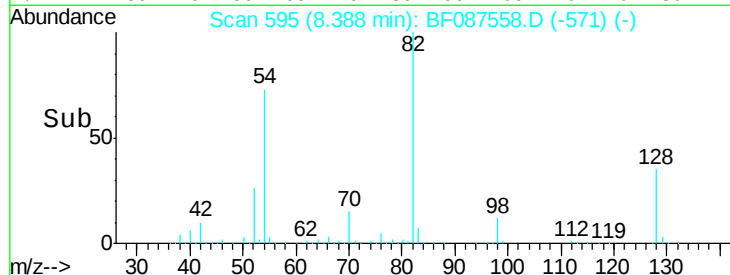
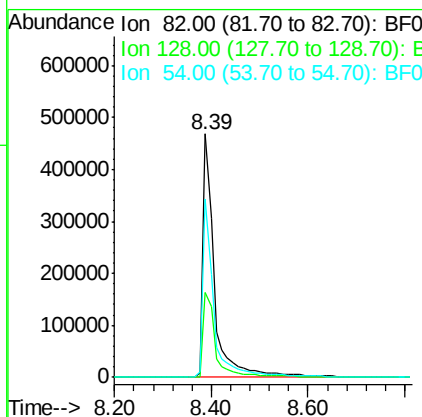
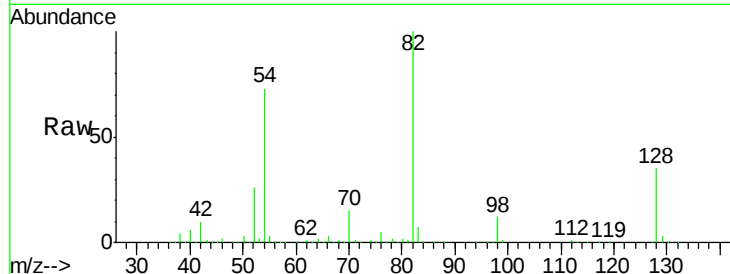




#23
Nitrobenzene-d5
Concen: 91.66 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

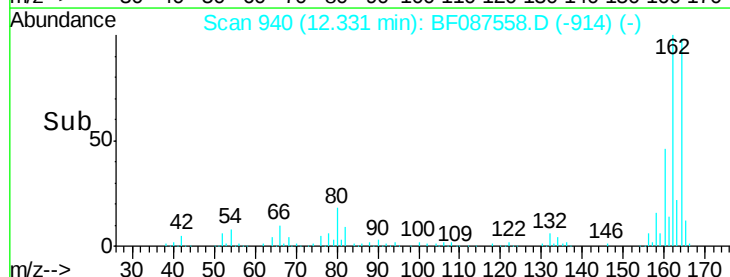
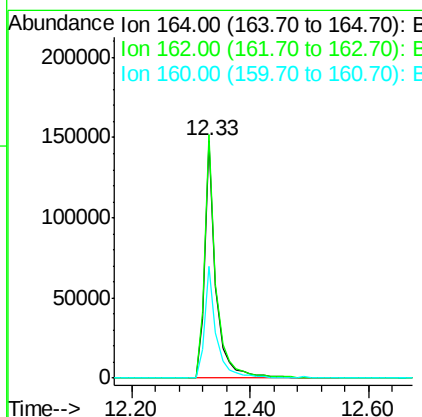
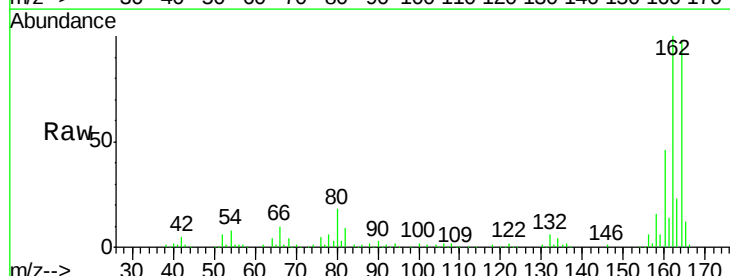
Instrument :
BNA_F
ClientSampleId :
GMW-04

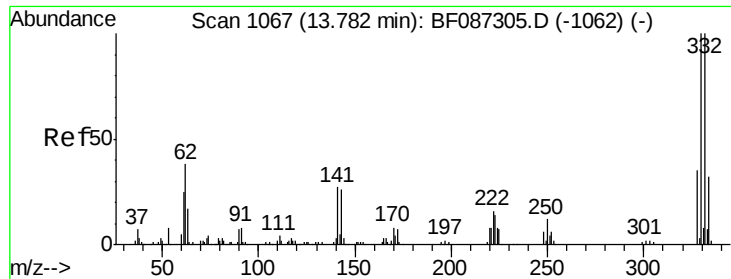
Tot Ion: 82 Resp: 774881
Ion Ratio Lower Upper
82 100
128 35.0 40.6 61.0#
54 73.2 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

Tgt Ion: 164 Resp: 199076
Ion Ratio Lower Upper
164 100
162 102.5 82.8 124.2
160 47.1 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 129.36 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

Instrument :

BNA_F

ClientSampleId :

GMW-04

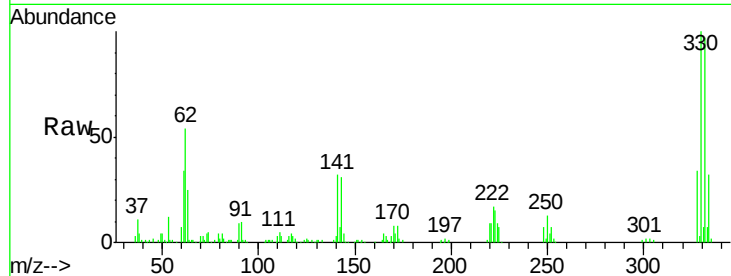
Tot Ion:330 Resp: 247480

Ion Ratio Lower Upper

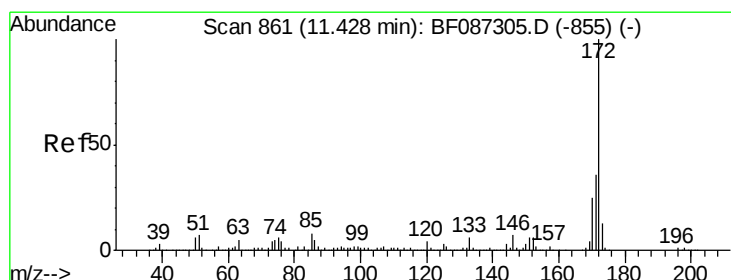
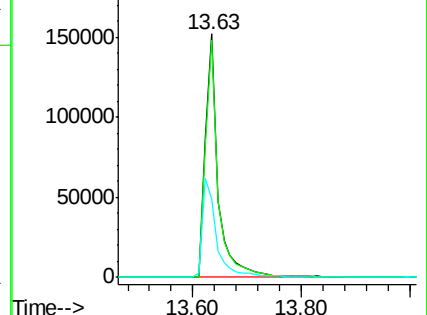
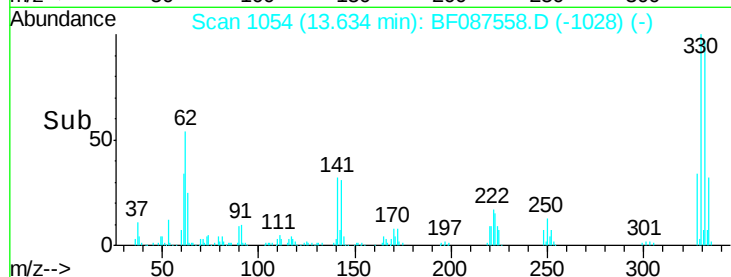
330 100

332 97.0 79.0 118.4

141 44.9 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: 90.26 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

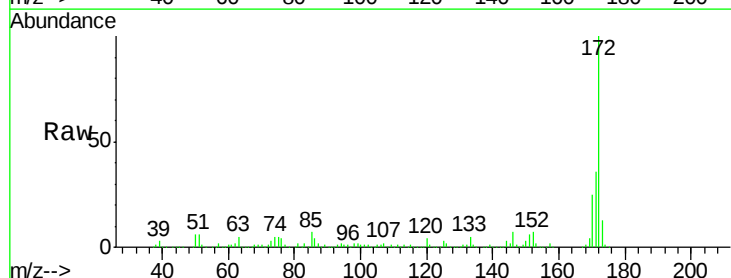
Tgt Ion:172 Resp: 1274549

Ion Ratio Lower Upper

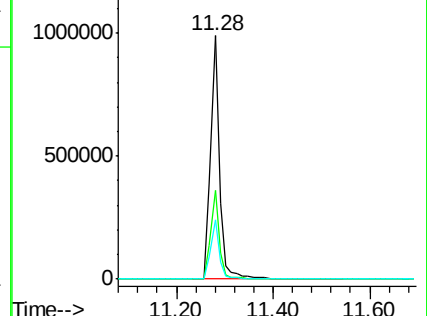
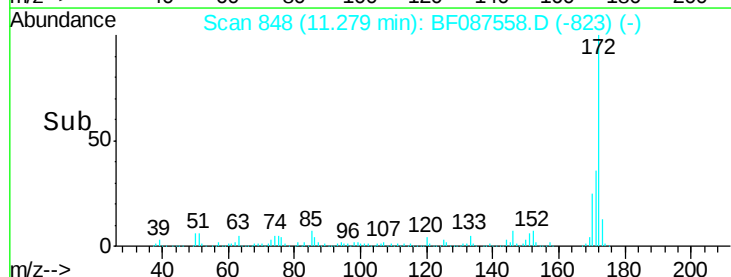
172 100

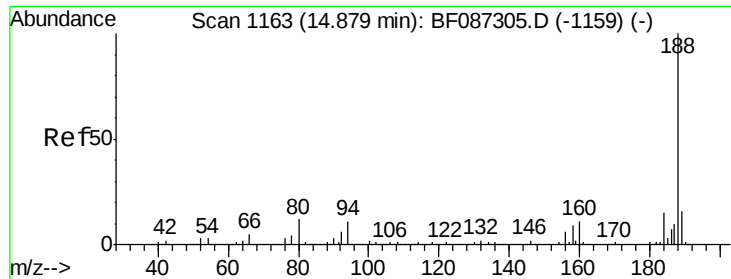
171 36.4 29.0 43.6

170 24.6 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

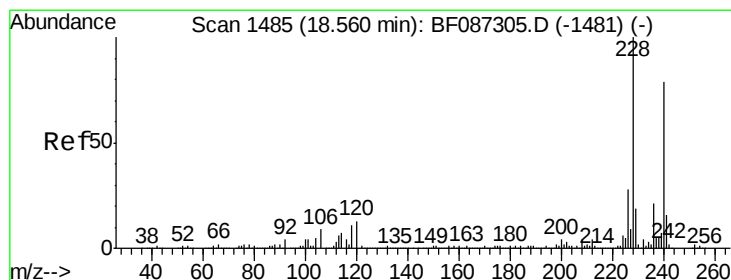
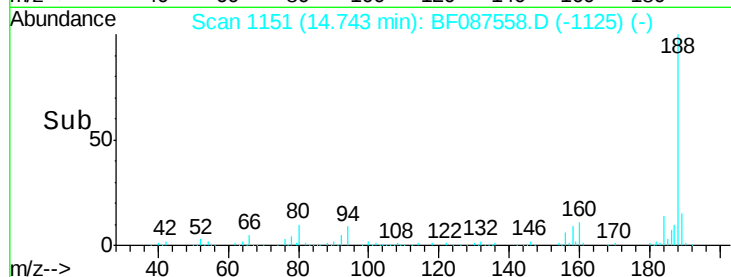
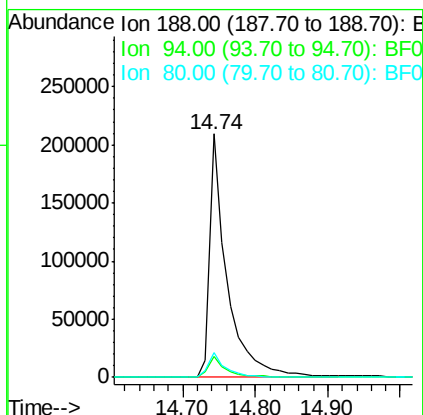
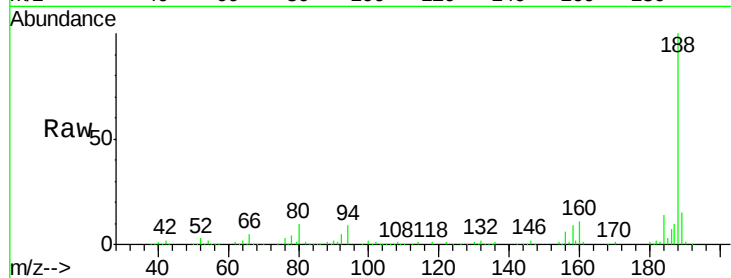




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

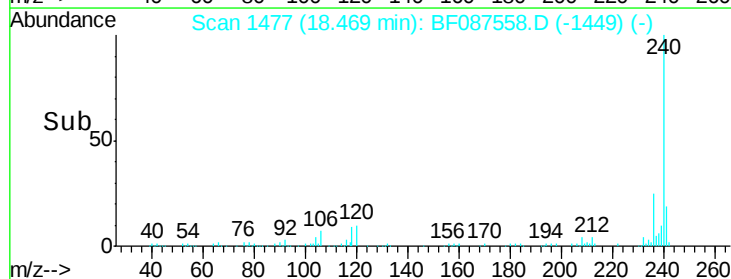
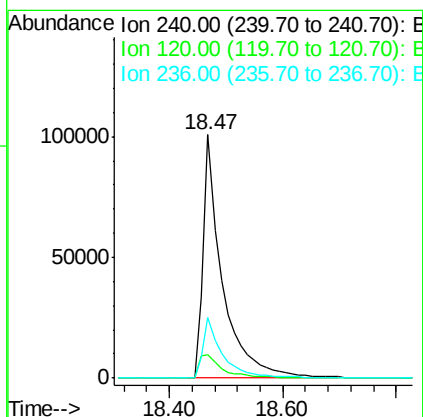
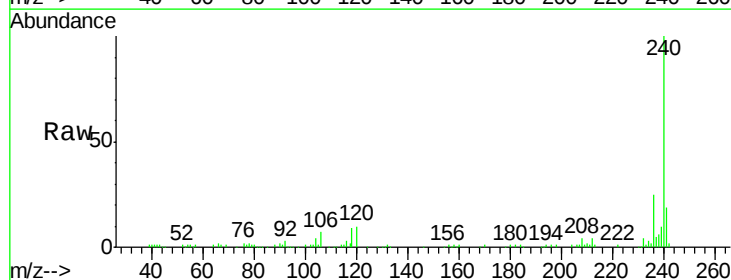
Instrument :
BNA_F
ClientSampled :
GMW-04

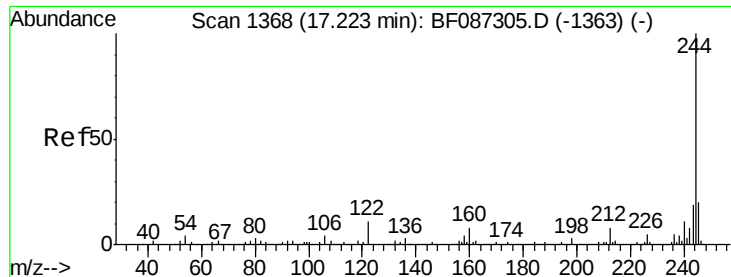
Tot Ion:188 Resp: 351559
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 10.0 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BF087558.D
Acq: 30 May 2016 19:21

Tgt Ion:240 Resp: 231228
Ion Ratio Lower Upper
240 100
120 9.7 11.2 16.8#
236 24.9 21.2 31.8





#78

Terphenyl-d14

Concen: 91.88 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

Instrument :

BNA_F

ClientSampleId :

GMW-04

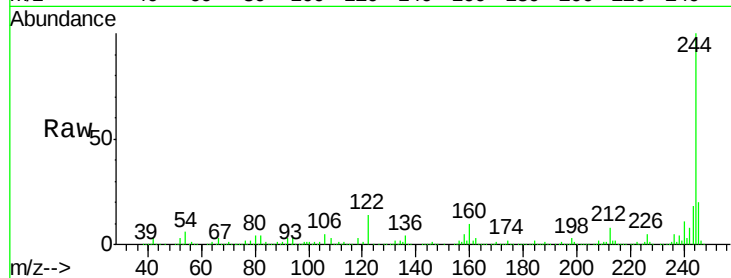
Tot Ion:244 Resp: 999278

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

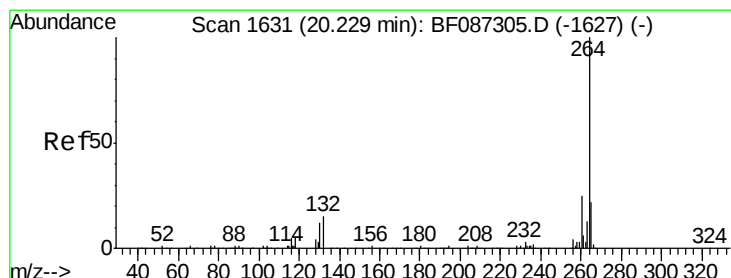
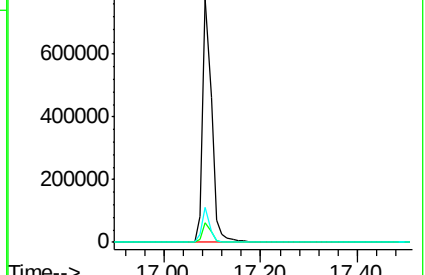
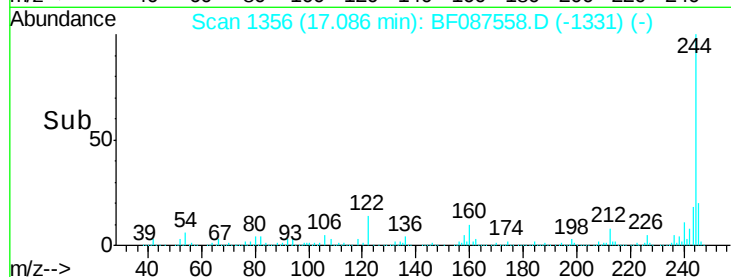
122 14.1 12.0 18.0



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: 20.15 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BF087558.D

Acq: 30 May 2016 19:21

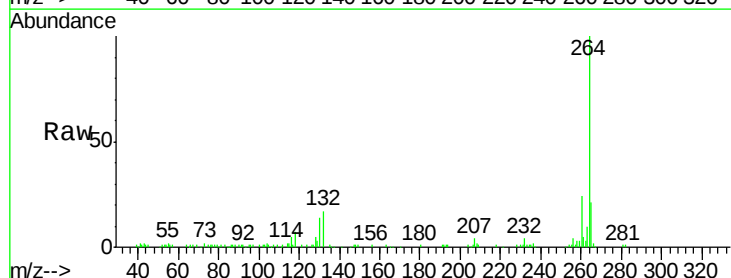
Tgt Ion:264 Resp: 208542

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.0 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

