

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087415.D
 Acq On : 26 May 2016 18:58
 Operator : UM/SJ
 Sample : PB90852BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BL

Quant Time: May 27 02:17:43 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	99657	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	410667	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	191360	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	388580	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	322093	20.00	ng	-0.02
86) Perylene-d12	20.13	264	232921	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	844614	148.92	ng	0.01
7) Phenol-d6	7.06	99	1119111	146.03	ng	-0.01
23) Nitrobenzene-d5	8.42	82	743451	91.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	248456	135.11	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1186381	87.40	ng	-0.02
78) Terphenyl-d14	17.12	244	1220174	80.54	ng	-0.01

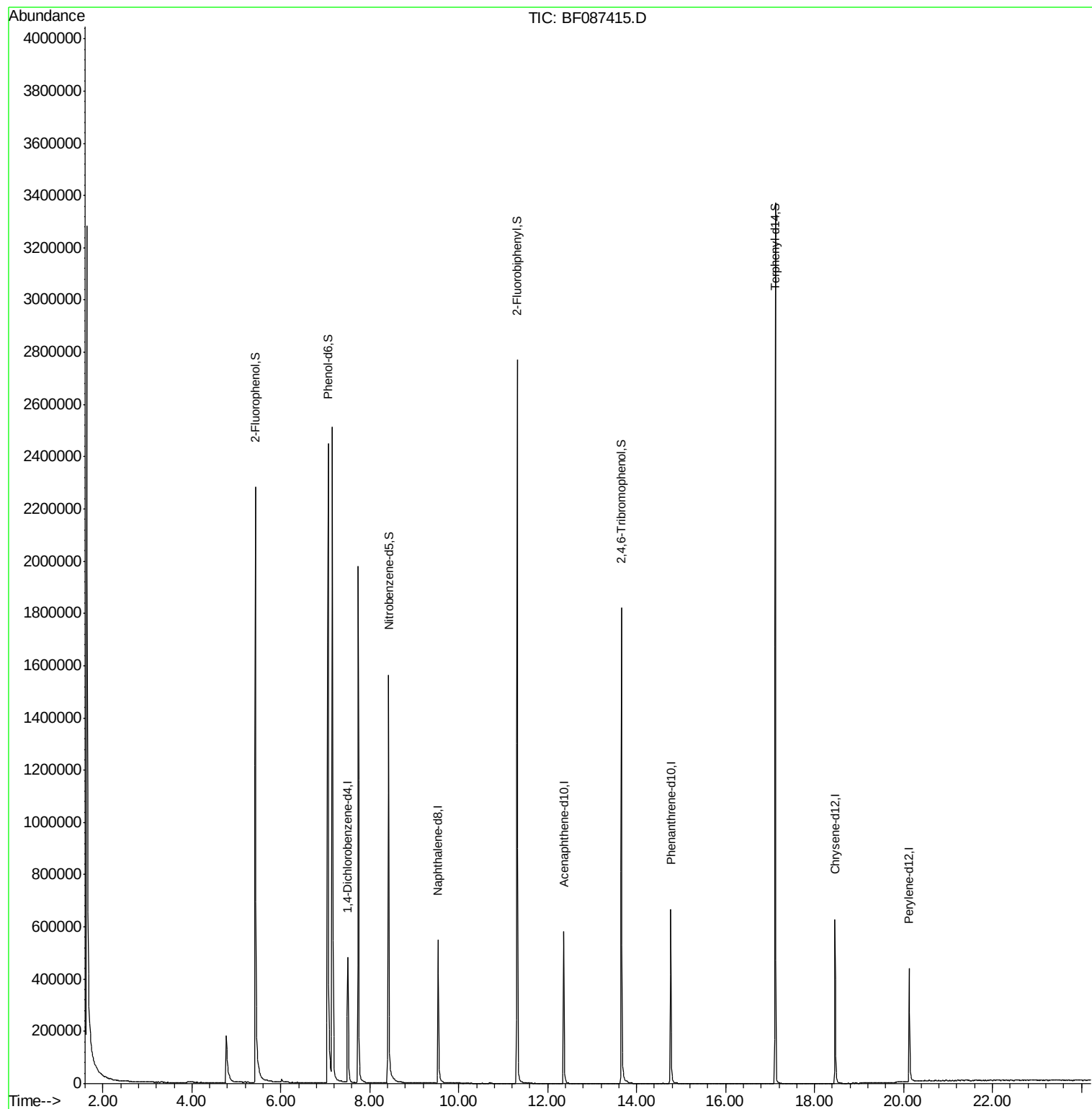
Target Compounds Qvalue

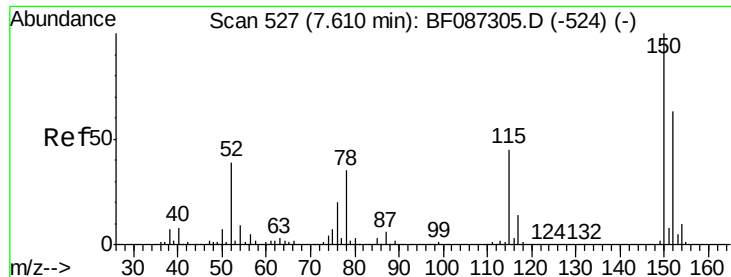
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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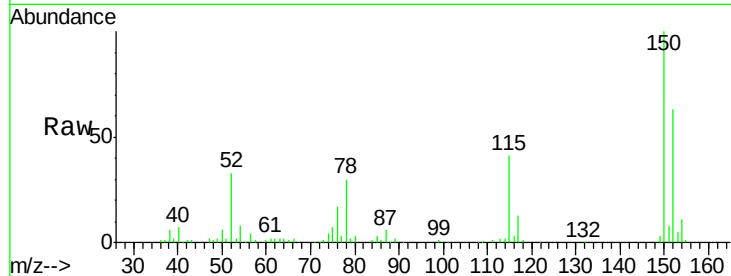


#1

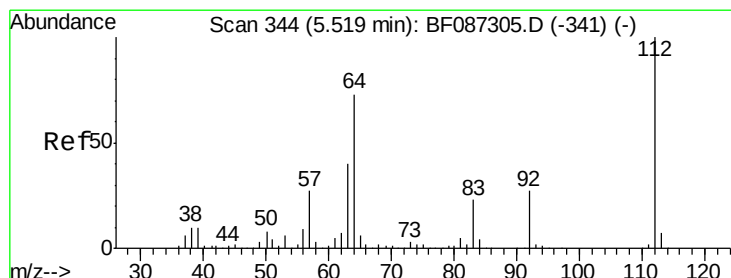
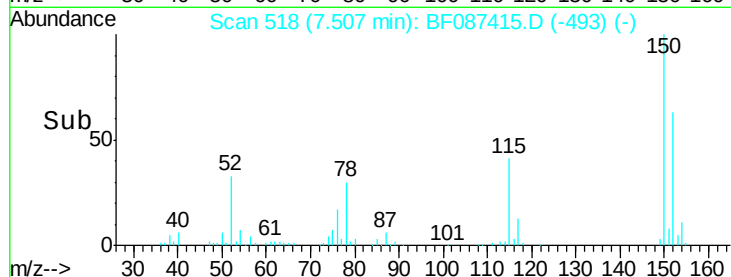
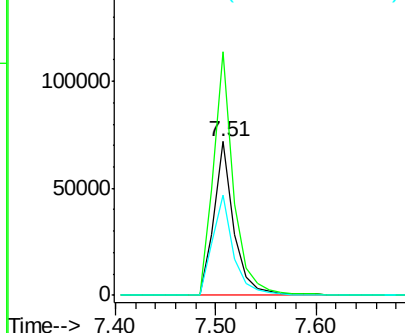
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087415.D
Acq: 26 May 2016 18:58

Instrument :
BNA_F
ClientSampleId :
PB90852BL

Tot Ion:152 Resp: 99657
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 65.2 51.5 77.3



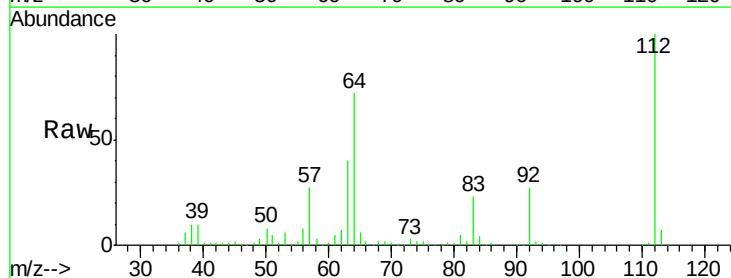
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



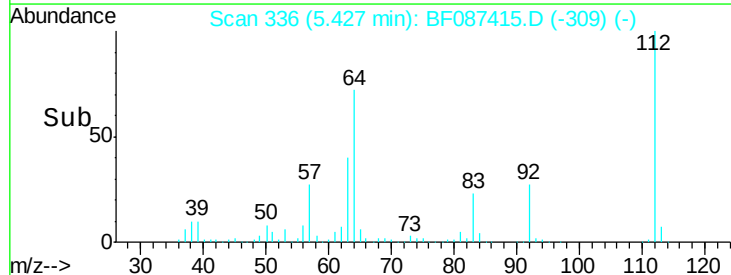
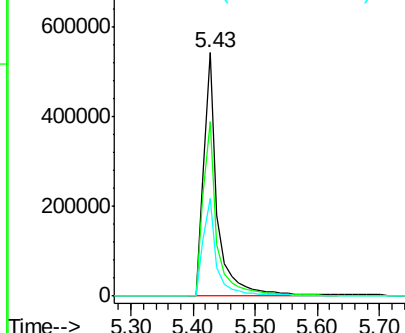
#5

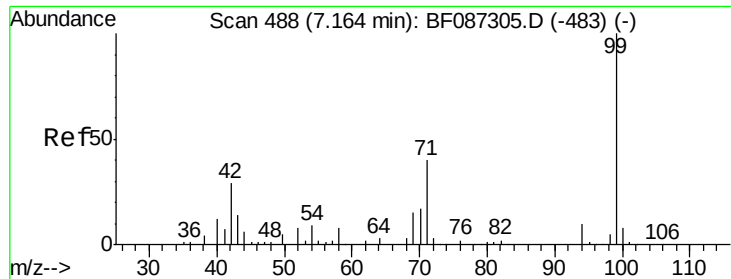
2-Fluorophenol
Concen: 148.92 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087415.D
Acq: 26 May 2016 18:58

Tgt Ion:112 Resp: 844614
Ion Ratio Lower Upper
112 100
64 71.8 52.1 78.1
63 40.3 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: 146.03 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

BNA_F

ClientSampleId :

PB90852BL

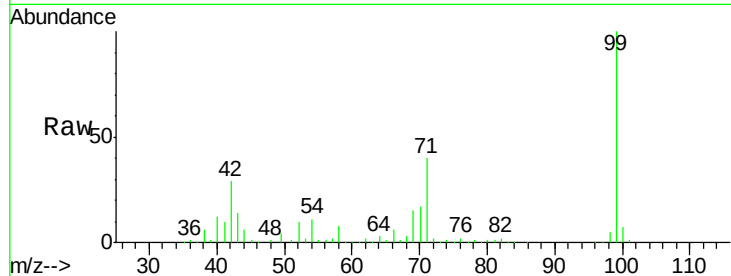
Tot Ion: 99 Resp: 1119111

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

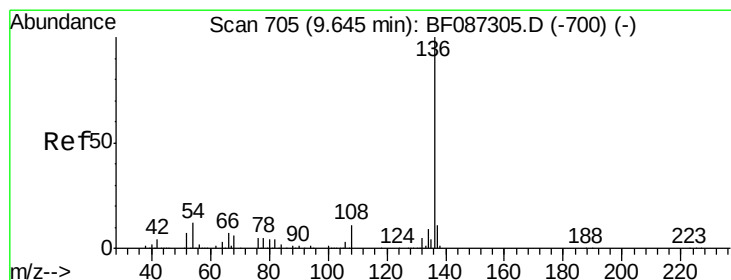
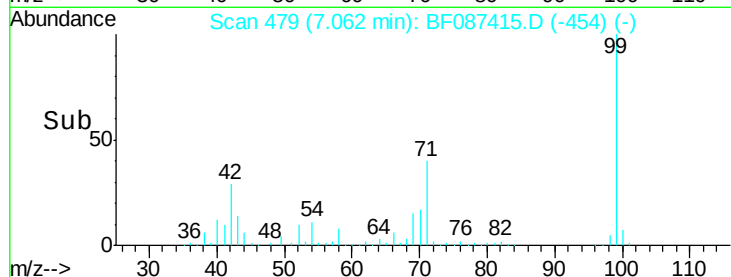
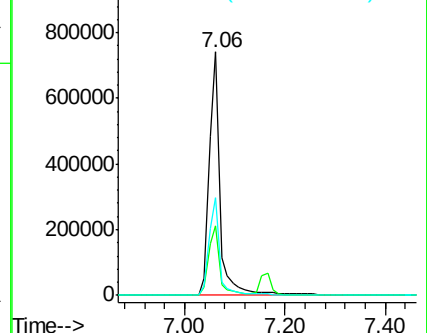
71 40.3 24.6 36.8#



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: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Tgt Ion: 136 Resp: 410667

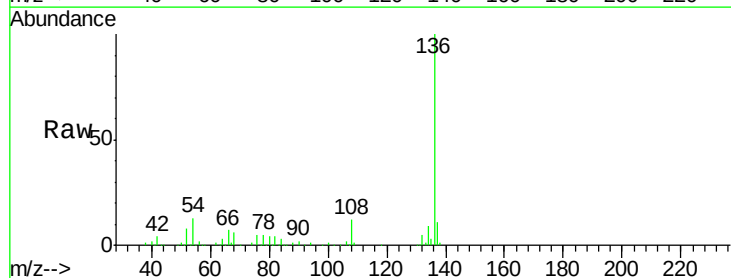
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.8 5.0 7.4#

68 6.3 4.4 6.6

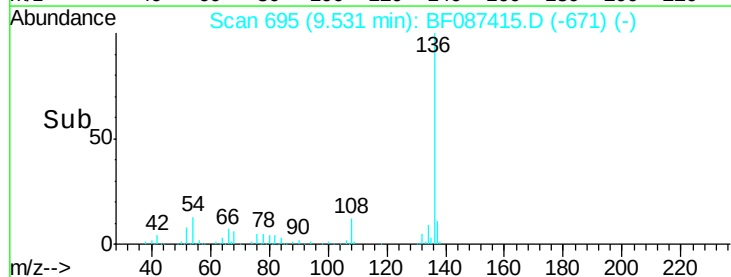
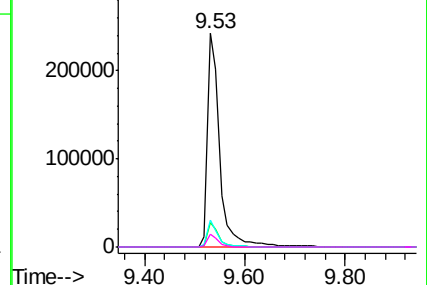


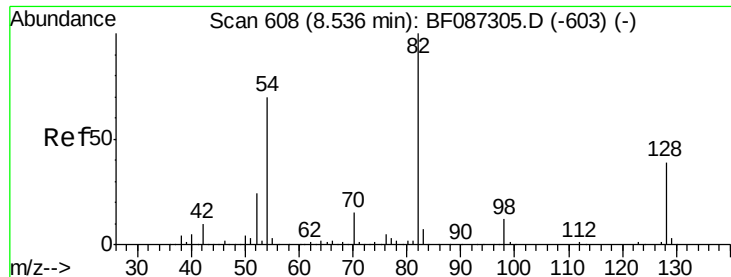
Abundance Ion 136.00 (135.70 to 136.70): E

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

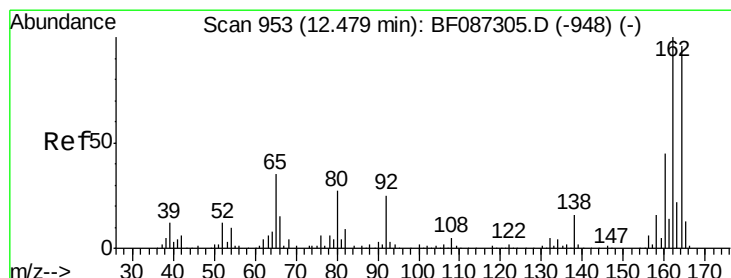
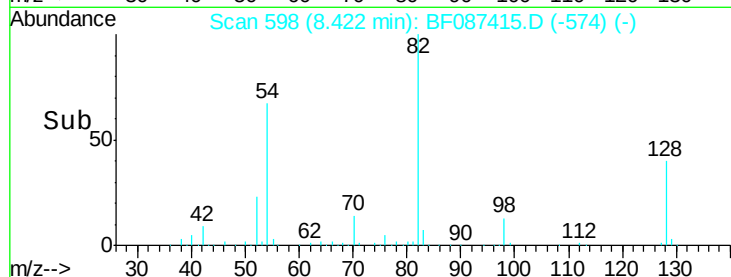
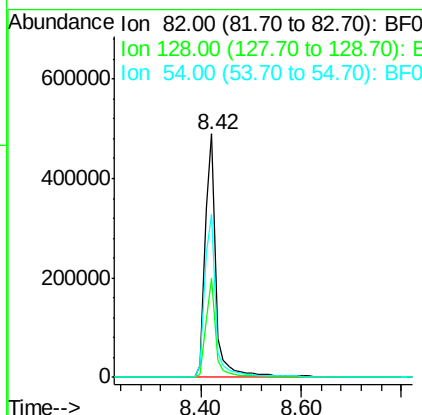
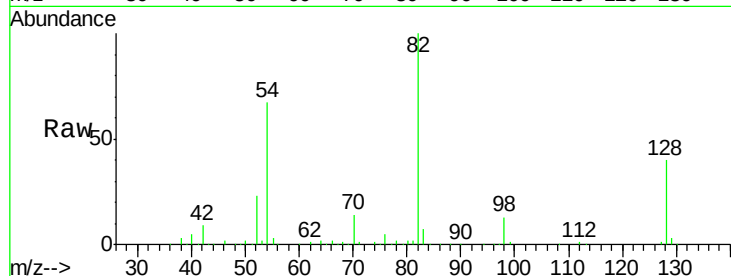




#23
 Nitrobenzene-d5
 Concen: 91.24 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087415.D
 Acq: 26 May 2016 18:58

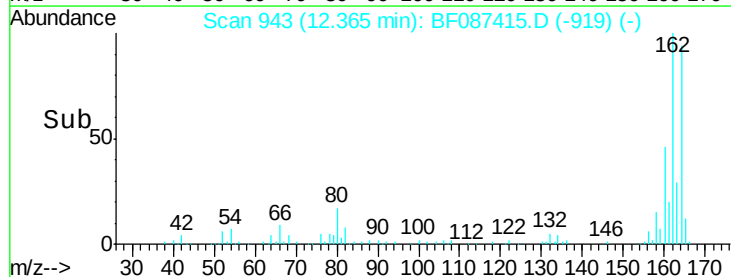
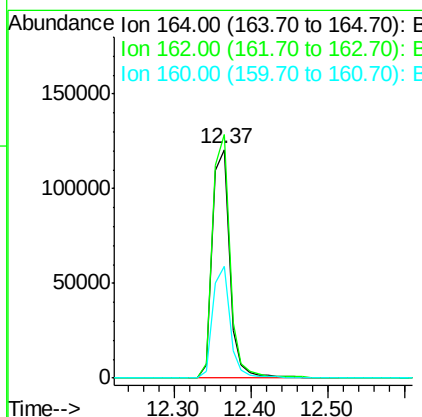
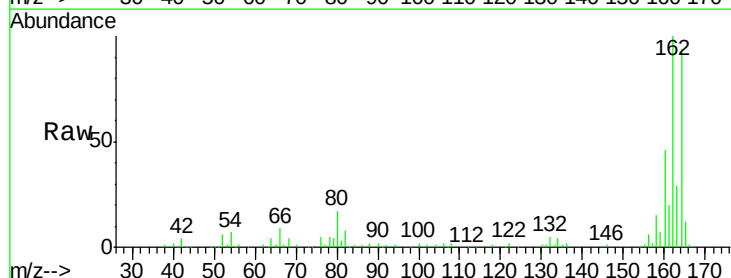
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BL

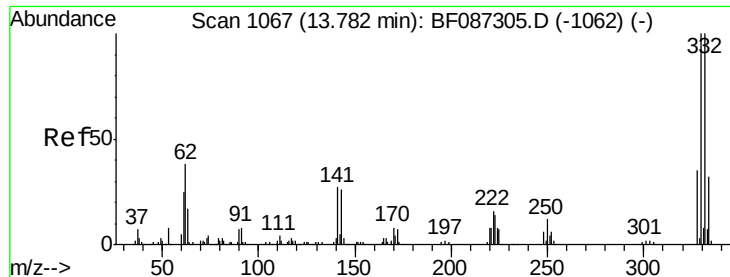
Tot Ion: 82 Resp: 743451
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 67.0 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087415.D
 Acq: 26 May 2016 18:58

Tgt Ion: 164 Resp: 191360
 Ion Ratio Lower Upper
 164 100
 162 106.5 82.8 124.2
 160 48.8 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 135.11 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

BNA_F

ClientSampleId :

PB90852BL

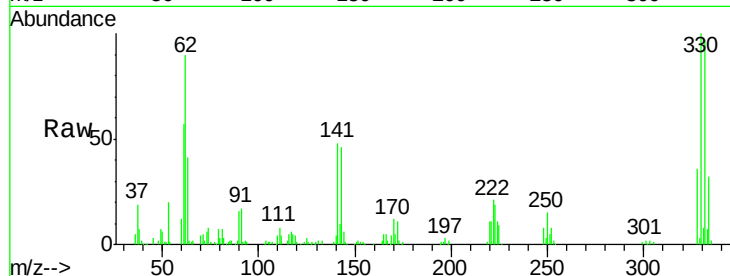
Tot Ion:330 Resp: 248456

Ion Ratio Lower Upper

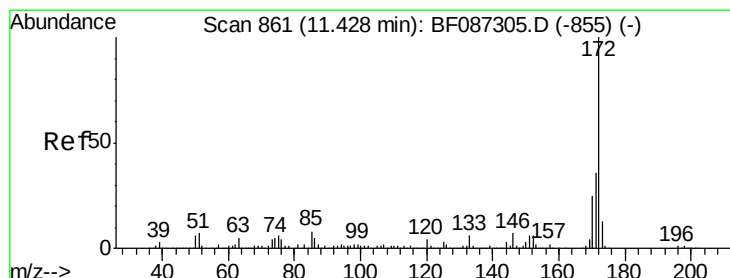
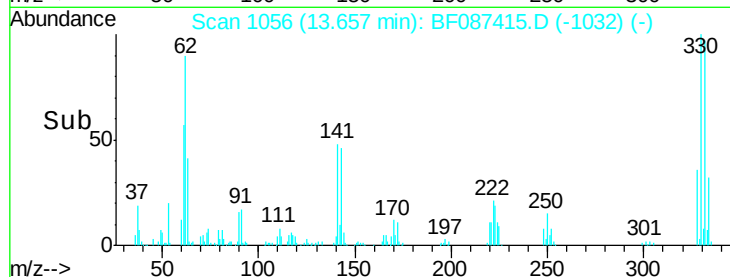
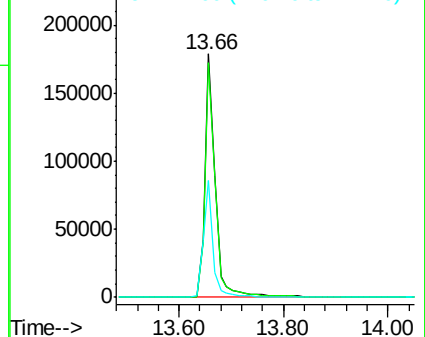
330 100

332 96.7 79.0 118.4

141 45.7 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: 87.40 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

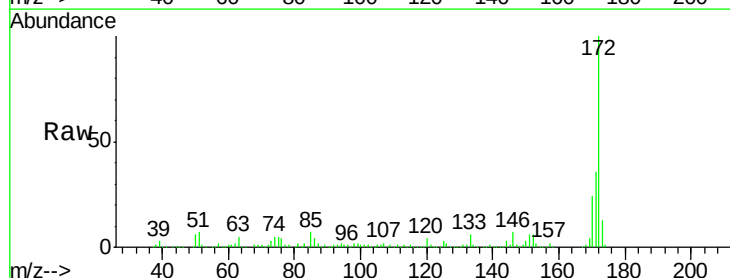
Tgt Ion:172 Resp: 1186381

Ion Ratio Lower Upper

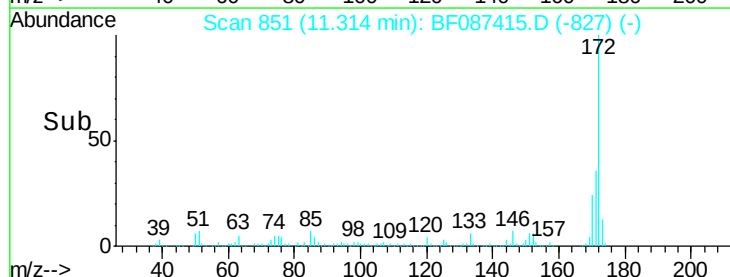
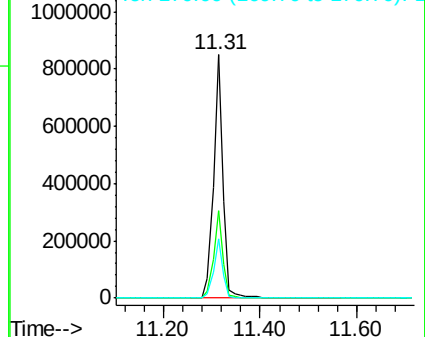
172 100

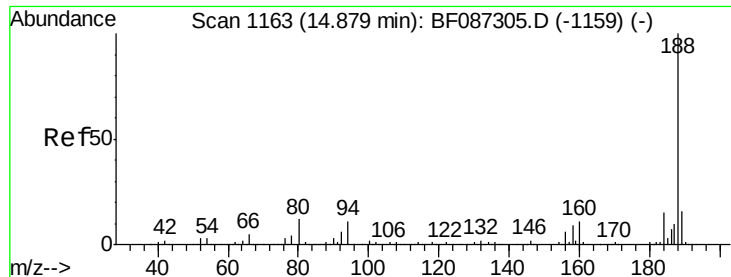
171 35.9 29.0 43.6

170 24.3 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

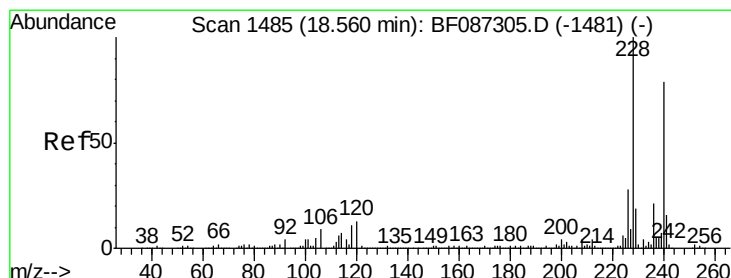
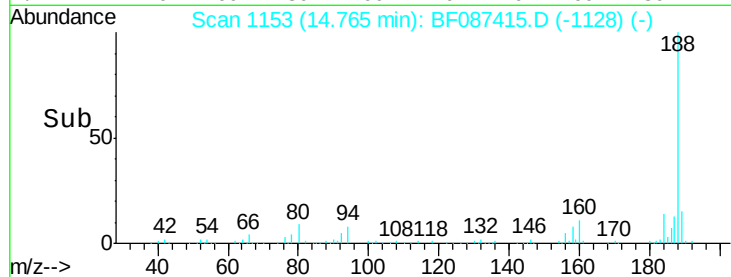
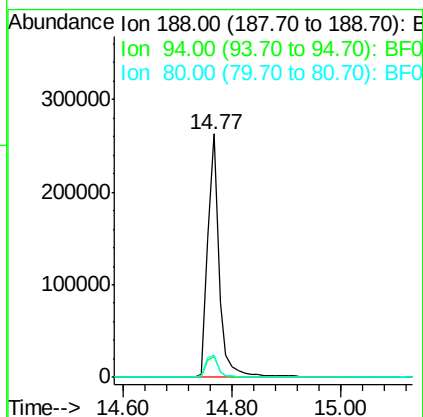
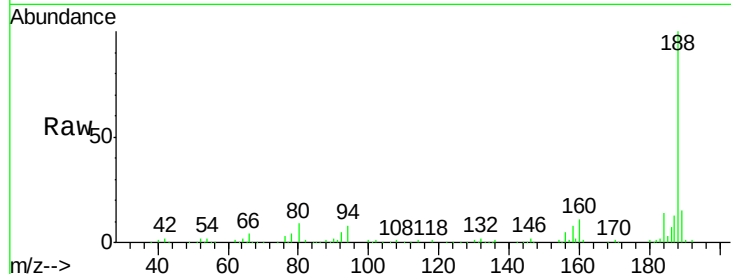




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087415.D
Acq: 26 May 2016 18:58

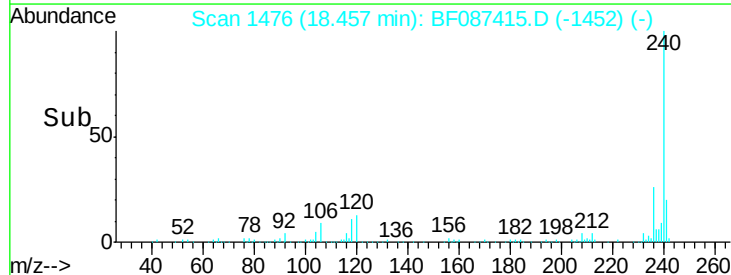
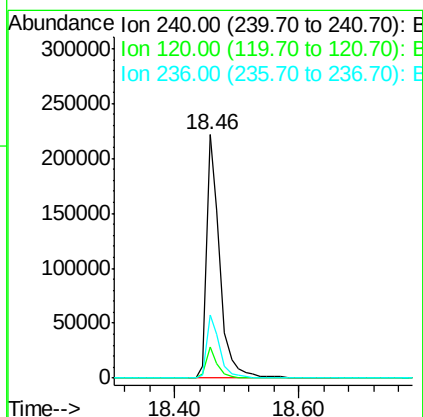
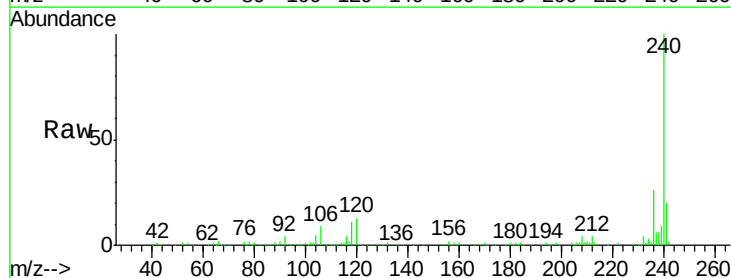
Instrument :
BNA_F
ClientSampleId :
PB90852BL

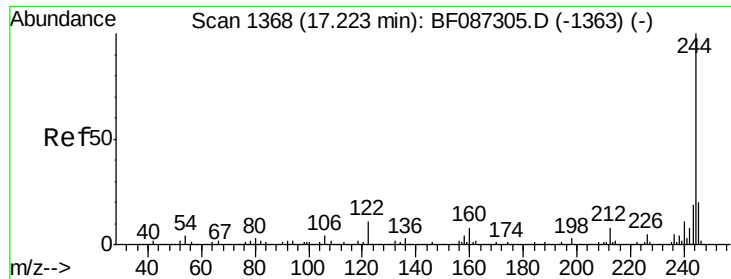
Tot Ion:188 Resp: 388580
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.3 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087415.D
Acq: 26 May 2016 18:58

Tgt Ion:240 Resp: 322093
Ion Ratio Lower Upper
240 100
120 12.7 11.2 16.8
236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 80.54 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

Instrument :

BNA_F

ClientSampled :

PB90852BL

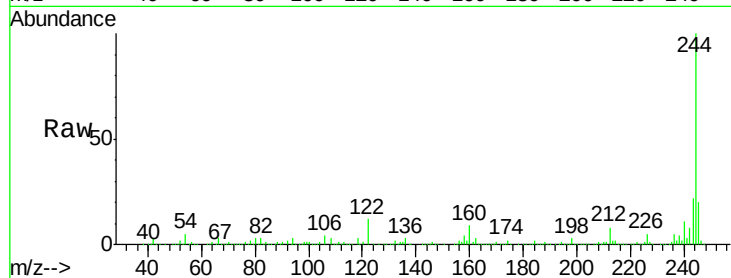
Tot Ion:244 Resp: 1220174

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

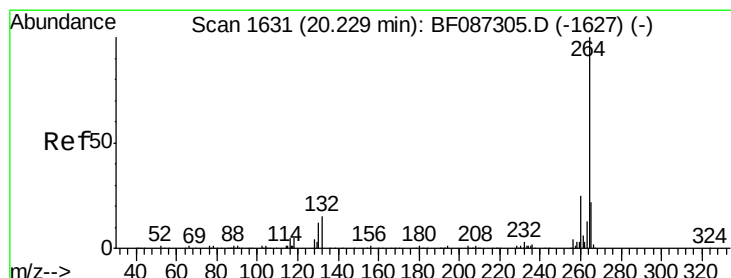
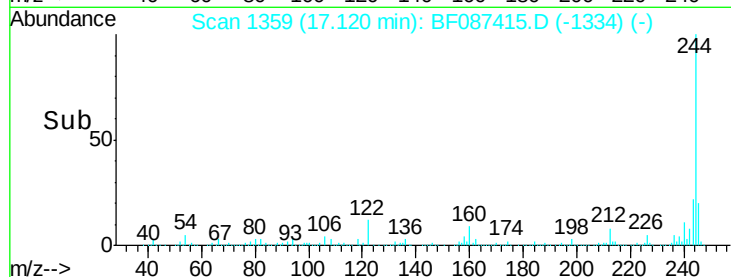
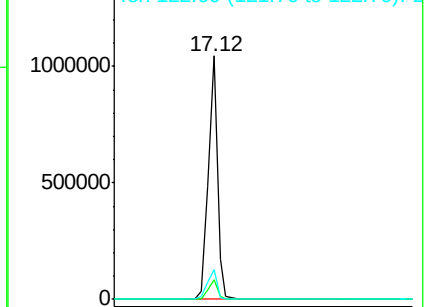
122 12.3 12.0 18.0



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: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087415.D

Acq: 26 May 2016 18:58

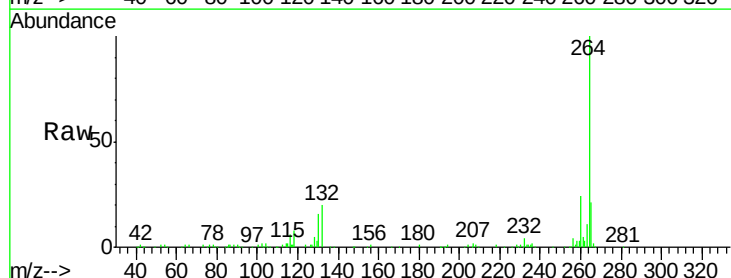
Tgt Ion:264 Resp: 232921

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 20.8 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

