

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087416.D
 Acq On : 26 May 2016 19:33
 Operator : UM/SJ
 Sample : PB90911BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BL

Quant Time: May 27 02:18:43 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	103785	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	427310	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	198751	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	399120	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	334992	20.00	ng	-0.02
86) Perylene-d12	20.13	264	252389	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	526188	89.09	ng	0.01
7) Phenol-d6	7.05	99	668717	83.79	ng	-0.02
23) Nitrobenzene-d5	8.42	82	671609	79.21	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	149996	78.53	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1107288	78.54	ng	-0.02
78) Terphenyl-d14	17.12	244	1112969	70.63	ng	-0.01

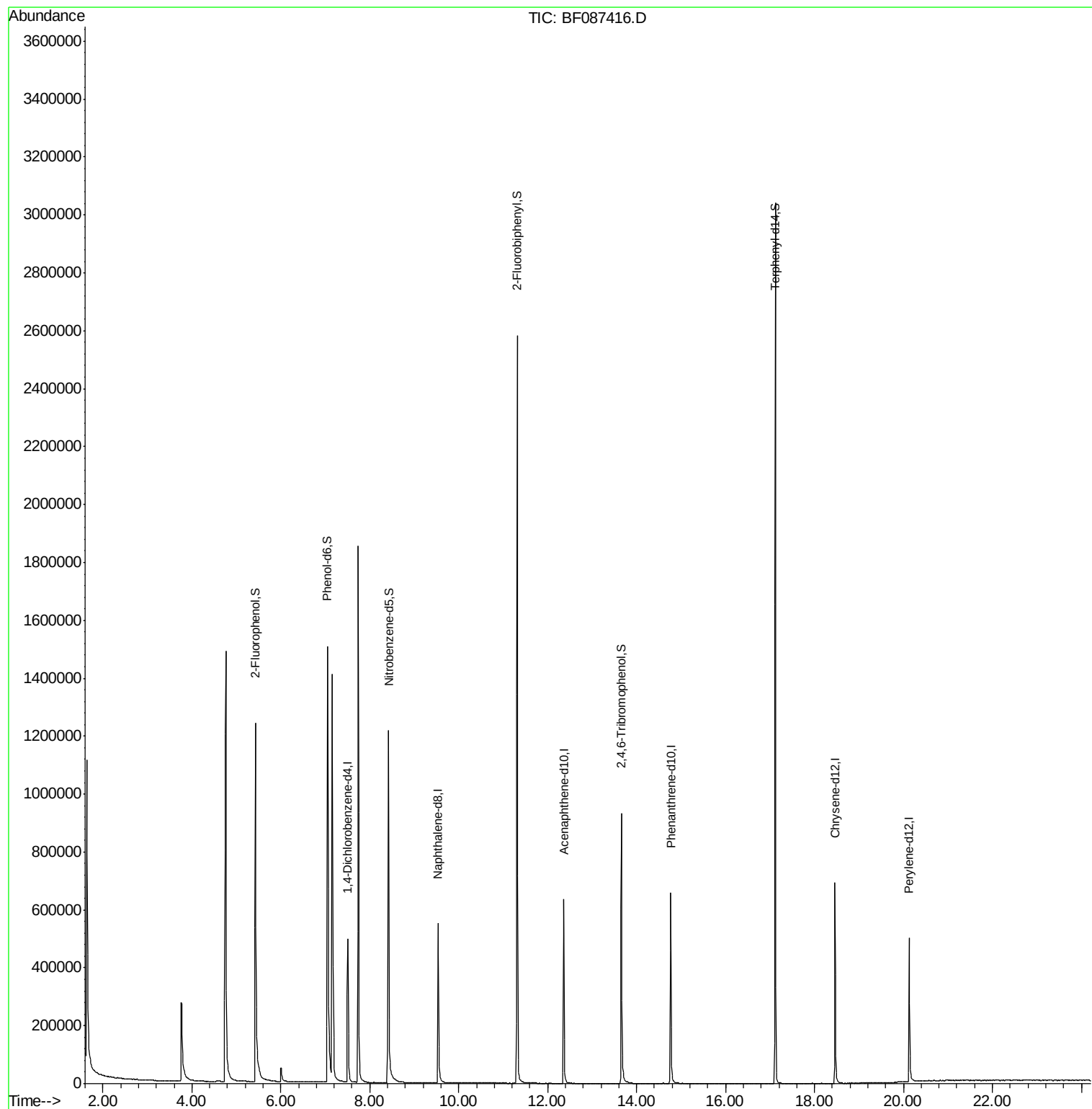
Target Compounds Qvalue

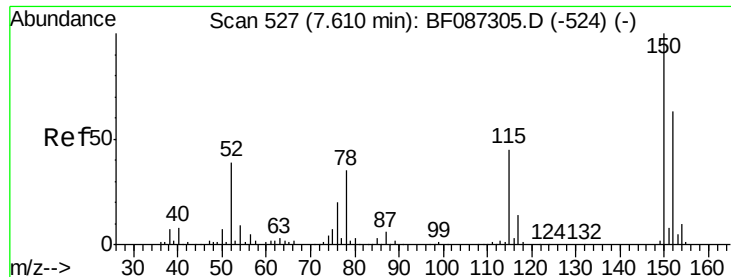
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087416.D

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Instrument :

BNA_F

ClientSampleId :

PB90911BL

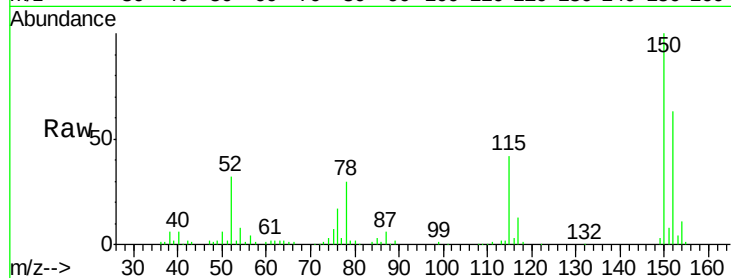
Tot Ion:152 Resp: 103785

Ion Ratio Lower Upper

152 100

150 159.8 125.8 188.6

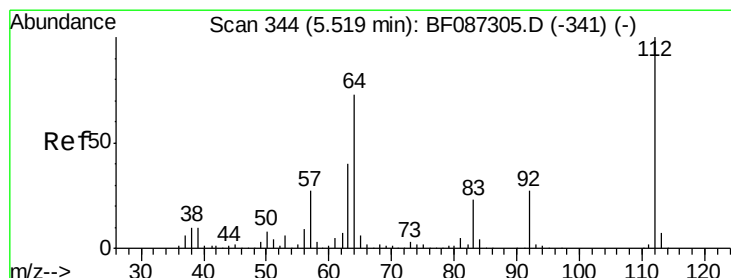
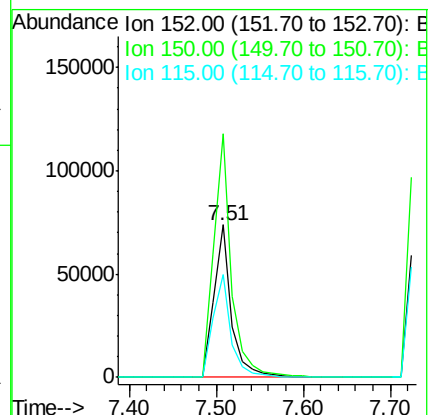
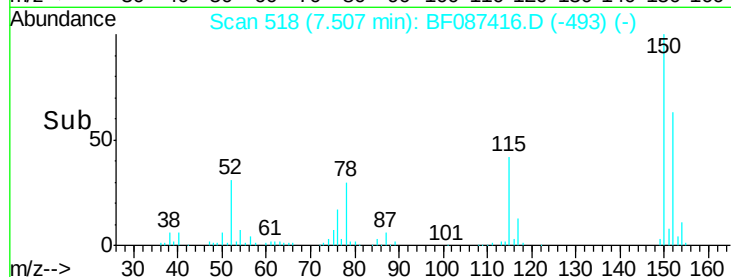
115 67.4 51.5 77.3



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: 89.09 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087416.D

Acq: 26 May 2016 19:33

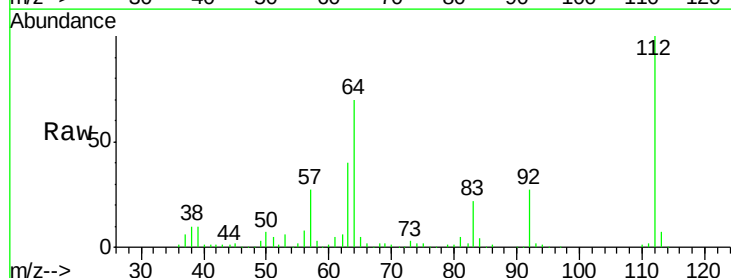
Tgt Ion:112 Resp: 526188

Ion Ratio Lower Upper

112 100

64 70.0 52.1 78.1

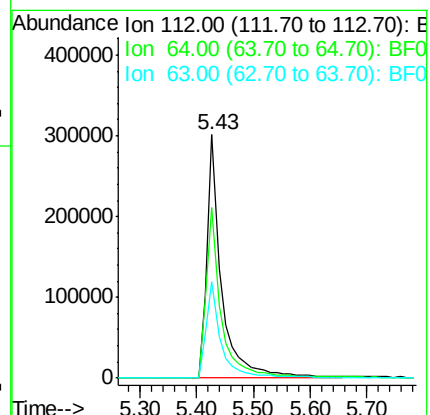
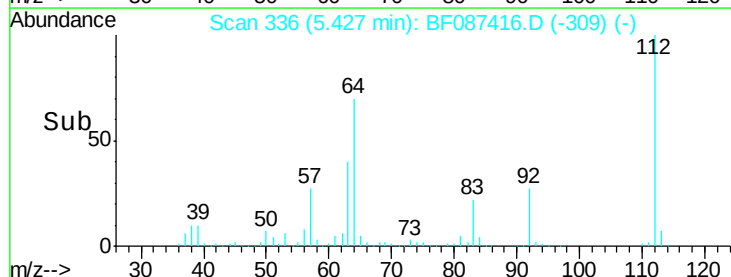
63 39.6 25.7 38.5

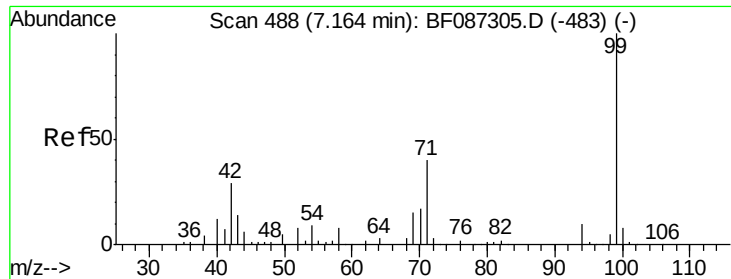


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.79 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087416.D

Acq: 26 May 2016 19:33

Instrument :

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ClientSampleId :

PB90911BL

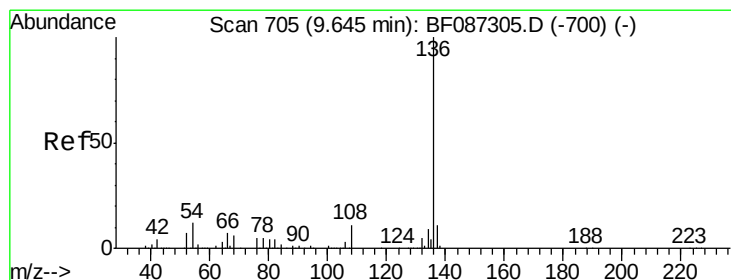
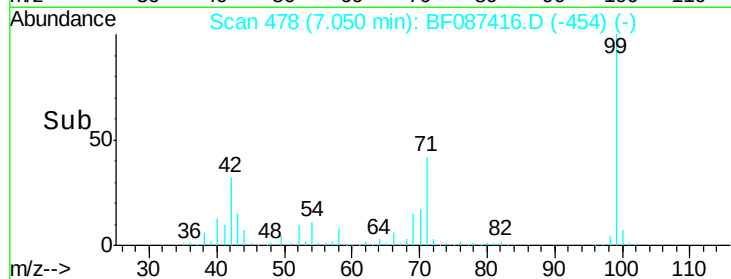
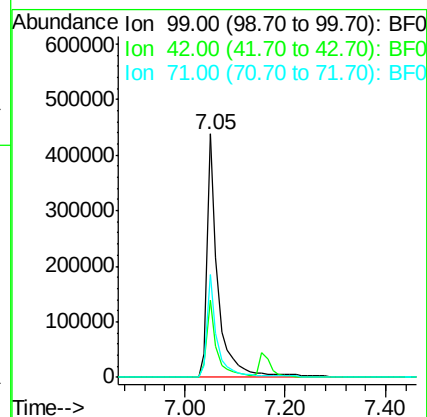
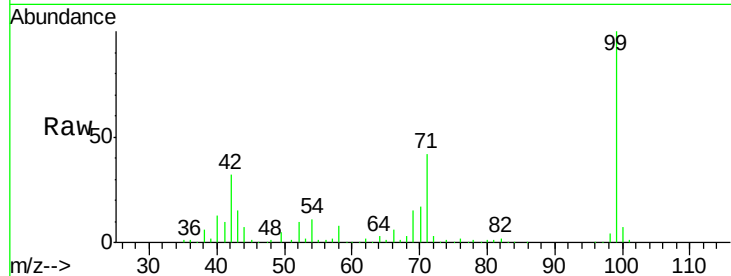
Tot Ion: 99 Resp: 668717

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

71 42.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087416.D

Acq: 26 May 2016 19:33

Tgt Ion: 136 Resp: 427310

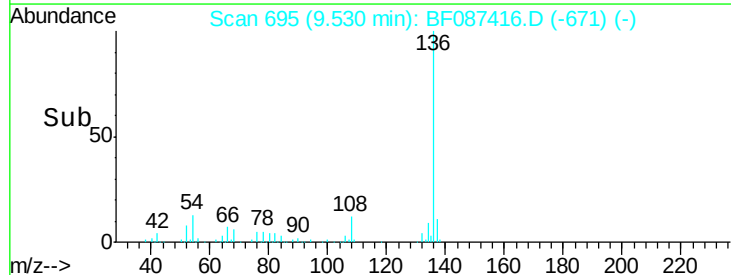
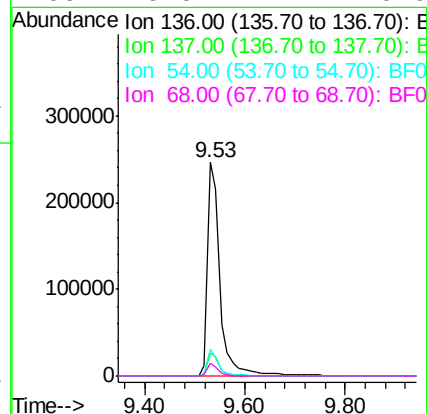
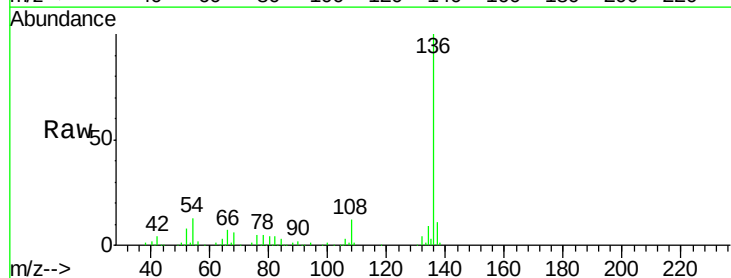
Ion Ratio Lower Upper

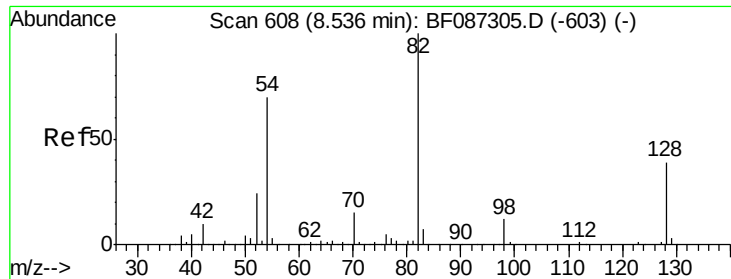
136 100

137 10.7 8.8 13.2

54 12.6 5.0 7.4#

68 5.8 4.4 6.6

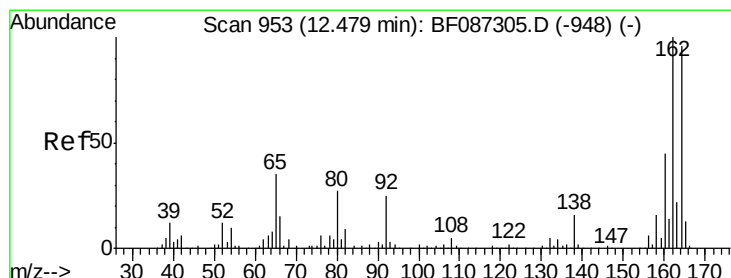
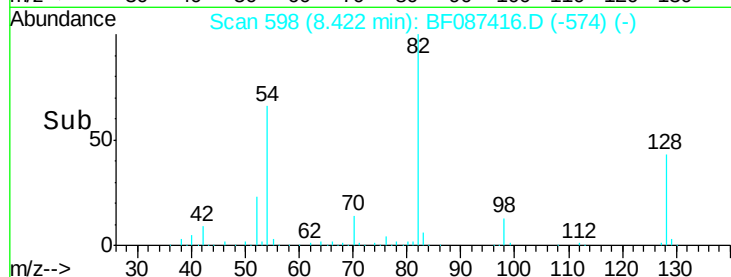
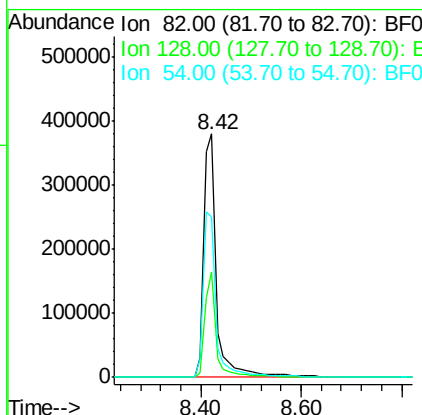
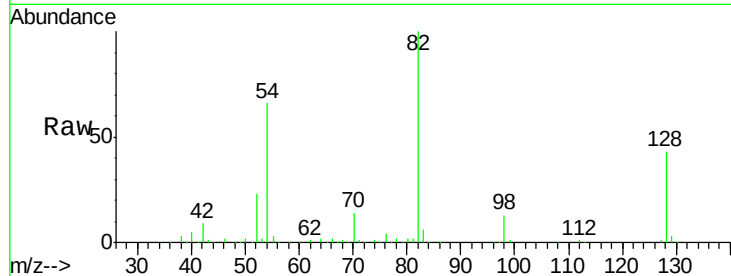




#23
 Nitrobenzene-d5
 Concen: 79.21 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087416.D
 Acq: 26 May 2016 19:33

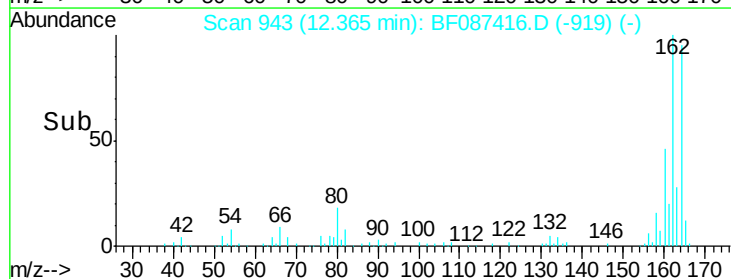
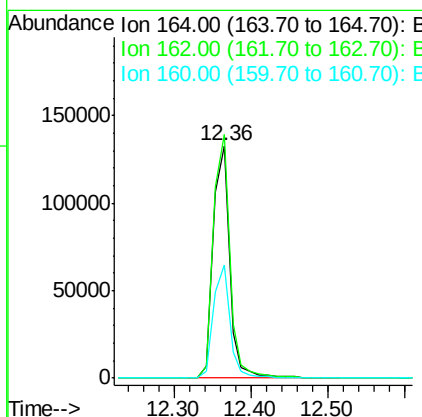
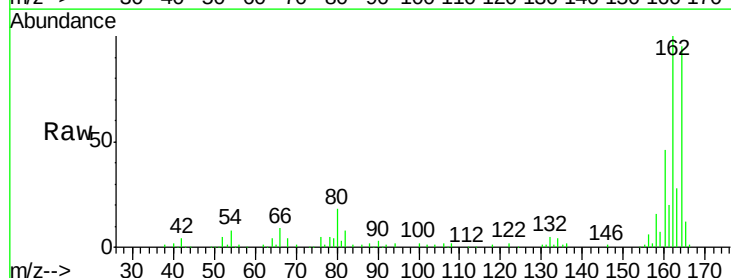
Instrument :
 BNA_F
 ClientSampleID :
 PB90911BL

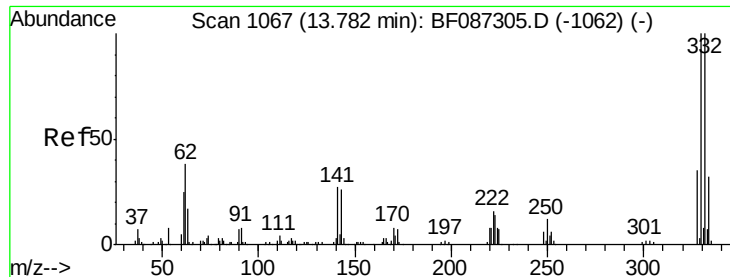
Tot Ion: 82 Resp: 671609
 Ion Ratio Lower Upper
 82 100
 128 43.4 40.6 61.0
 54 66.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087416.D
 Acq: 26 May 2016 19:33

Tgt Ion: 164 Resp: 198751
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.8 124.2
 160 48.7 36.9 55.3

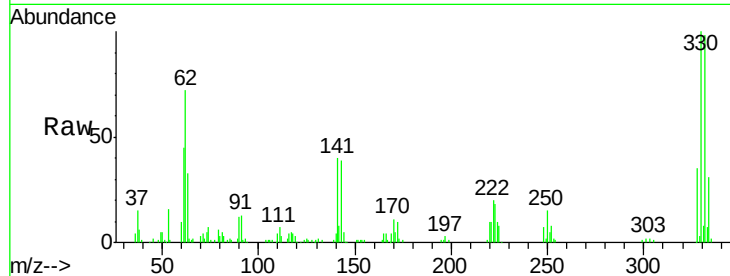




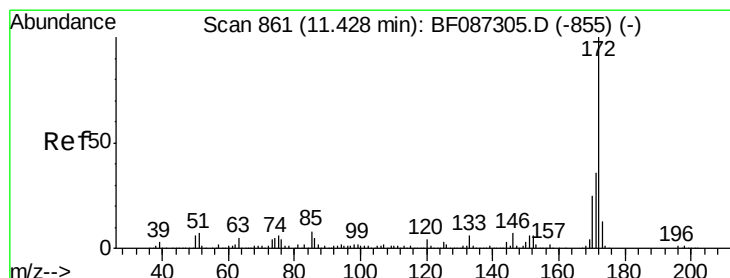
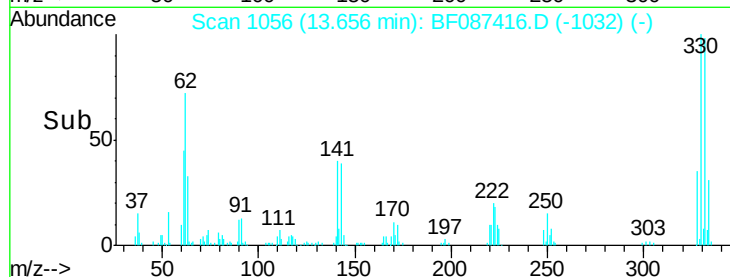
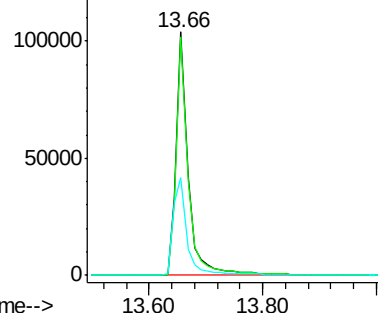
#41
 2,4,6-Tribromophenol
 Concen: 78.53 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087416.D
 Acq: 26 May 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB90911BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	45.7	31.2	46.8

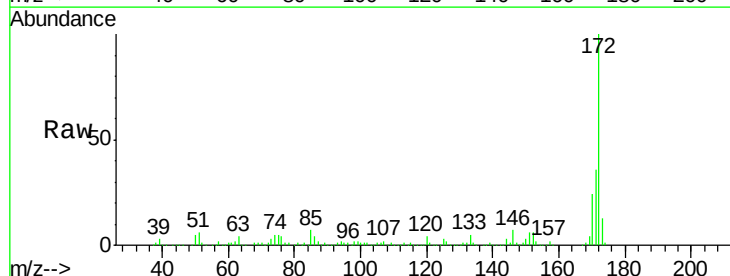


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

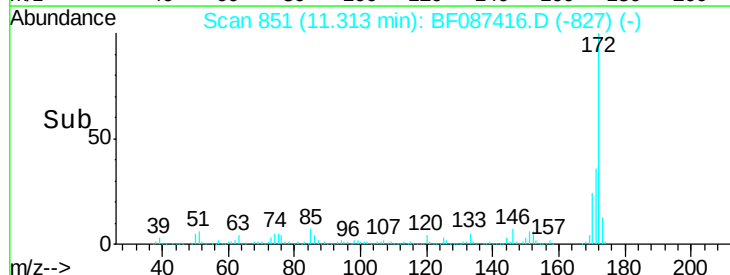
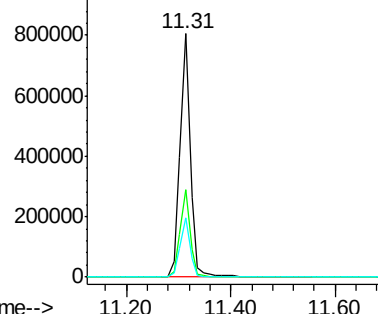


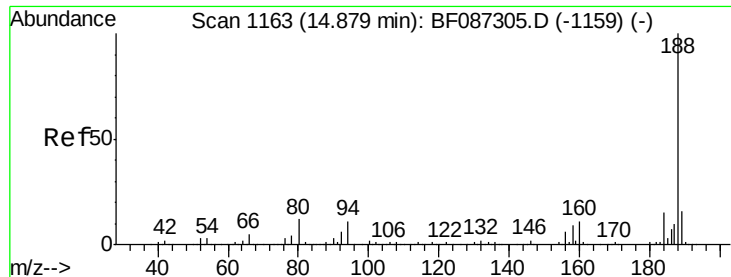
#44
 2-Fluorobiphenyl
 Concen: 78.54 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087416.D
 Acq: 26 May 2016 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

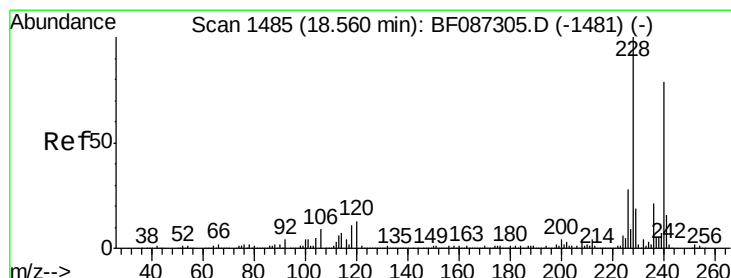
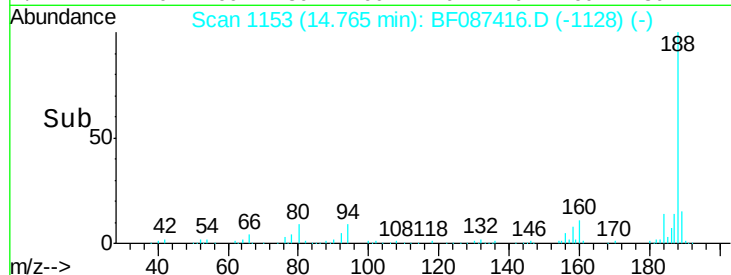
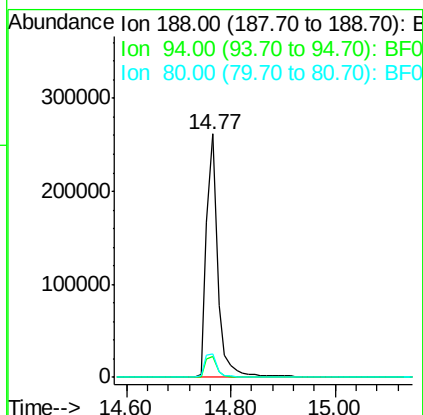
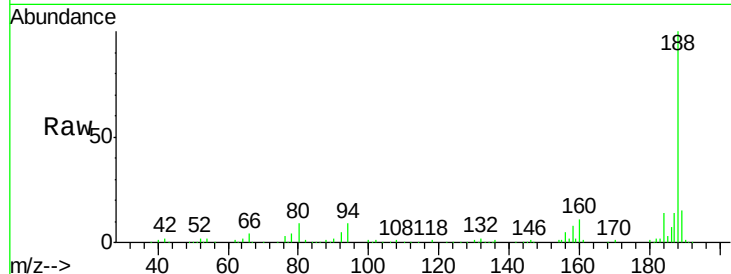




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087416.D
Acq: 26 May 2016 19:33

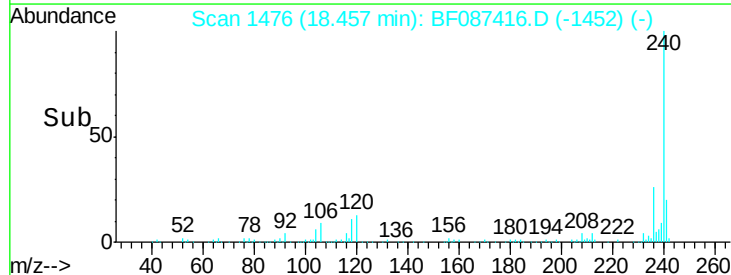
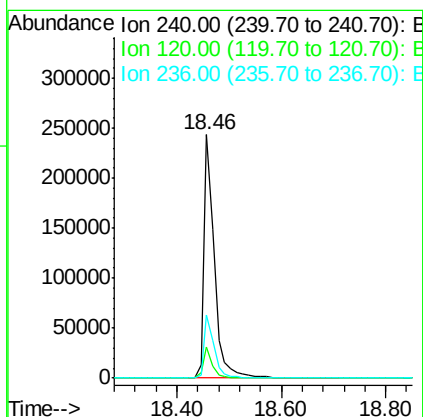
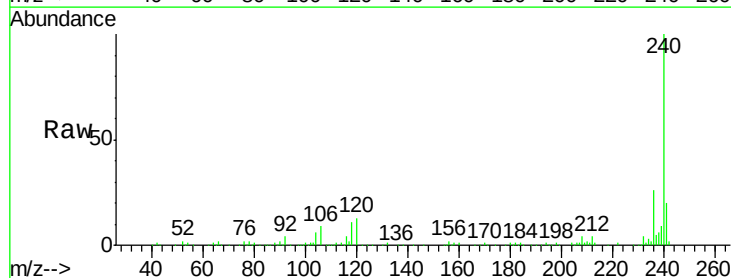
Instrument :
BNA_F
ClientSampleId :
PB90911BL

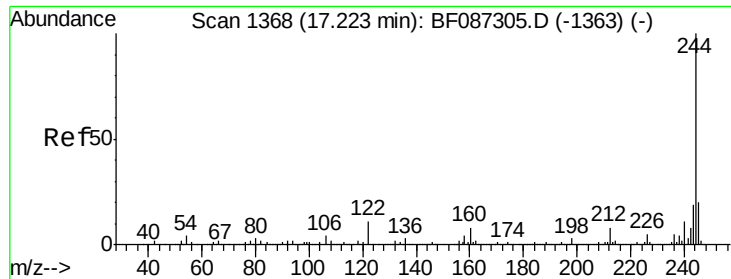
Tot Ion:188 Resp: 399120
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.4 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087416.D
Acq: 26 May 2016 19:33

Tgt Ion:240 Resp: 334992
Ion Ratio Lower Upper
240 100
120 12.8 11.2 16.8
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 70.63 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087416.D

Acq: 26 May 2016 19:33

Instrument :

BNA_F

ClientSampleId :

PB90911BL

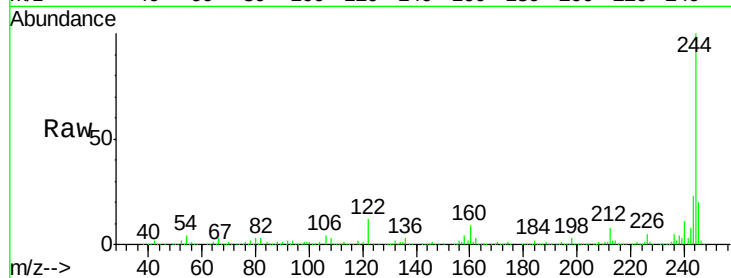
Tot Ion:244 Resp: 1112969

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

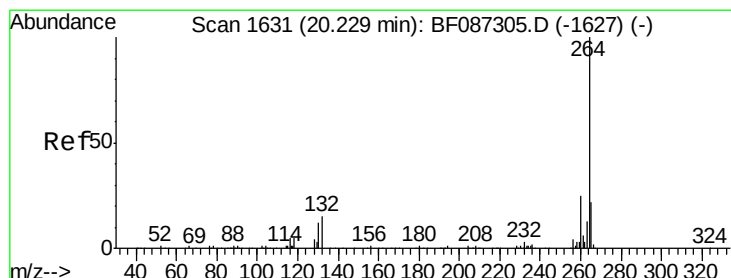
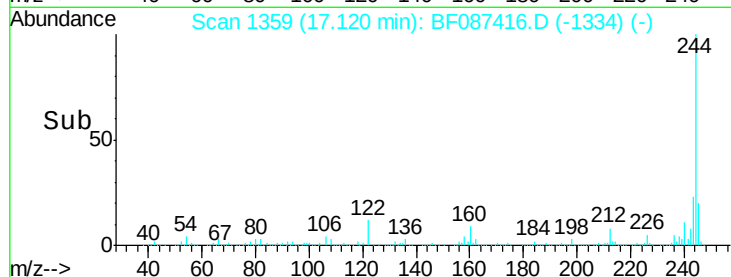
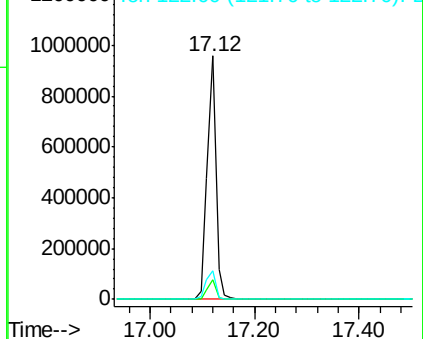
122 11.7 12.0 18.0#



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: BF087416.D

Acq: 26 May 2016 19:33

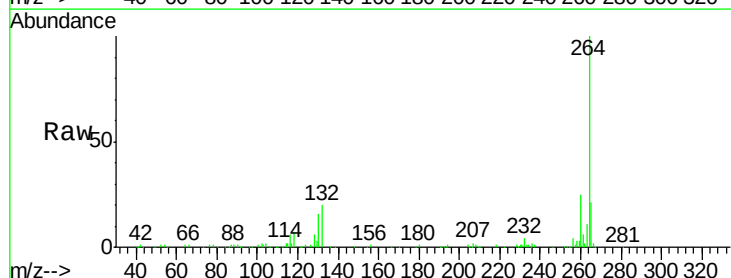
Tgt Ion:264 Resp: 252389

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.3 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

