

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086758.D
 Acq On : 7 May 2016 7:34
 Operator : UM/SJ
 Sample : PB90336TB
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90336TB

Quant Time: May 07 23:10:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180649	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	723962	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	352464	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	672493	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	441058	40.00	ng	-0.03
86) Perylene-d12	15.22	264	309136	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1329574	121.84	ng	0.00
7) Phenol-d6	6.36	99	1514204	103.01	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1142972	81.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	468062	135.75	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1903519	88.53	ng	-0.03
78) Terphenyl-d14	12.81	244	1662485	76.18	ng	-0.03

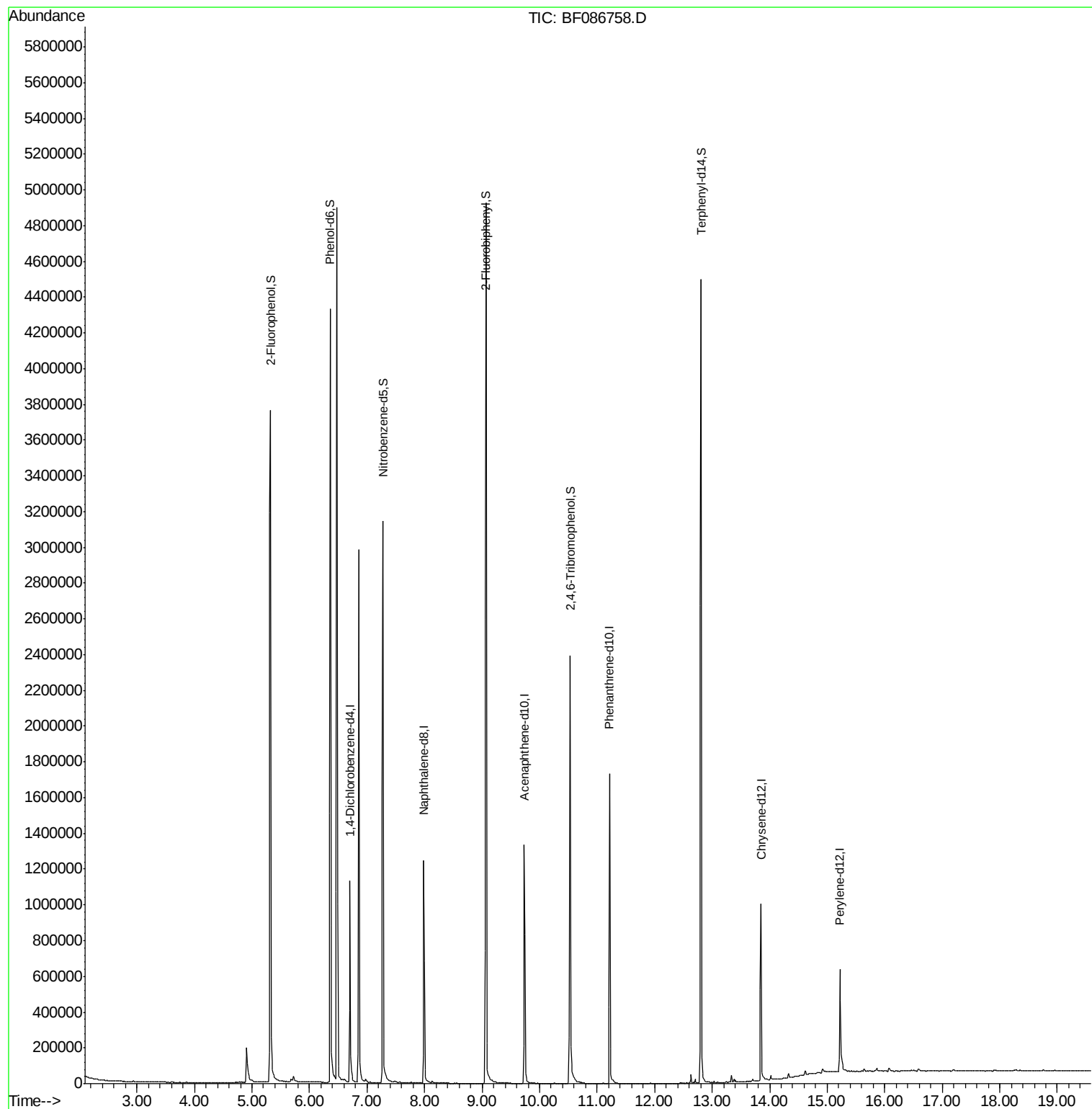
Target Compounds	Qvalue
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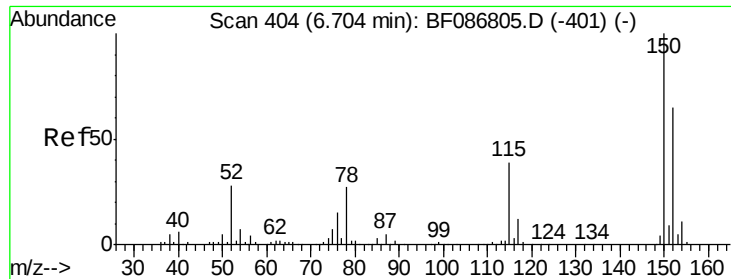
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086758.D

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BNA_F

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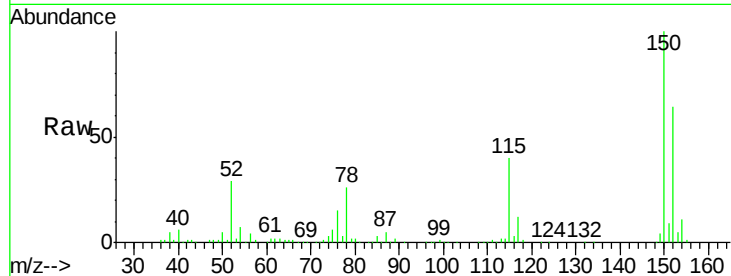
Tgt Ion:152 Resp: 180649

Ion Ratio Lower Upper

152 100

150 155.5 125.8 188.6

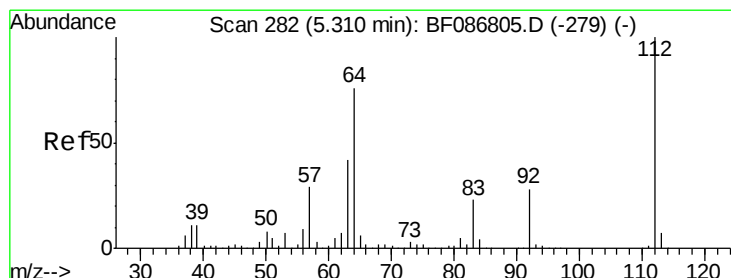
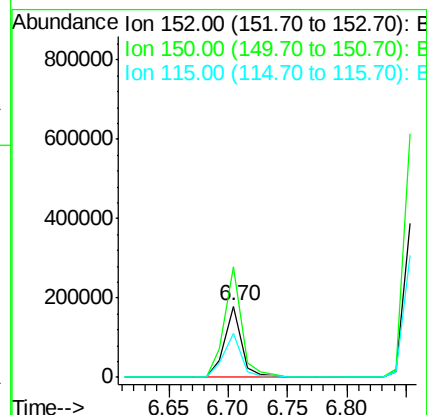
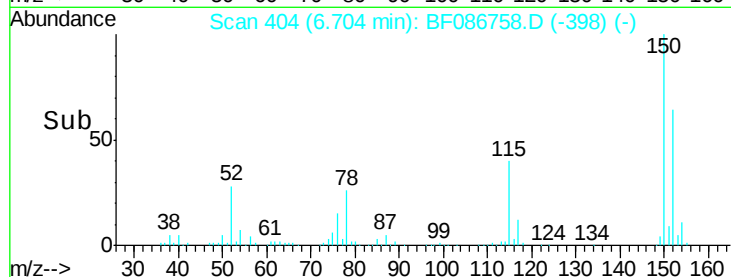
115 61.9 51.5 77.3



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: 121.84 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086758.D

Acq: 7 May 2016 7:34

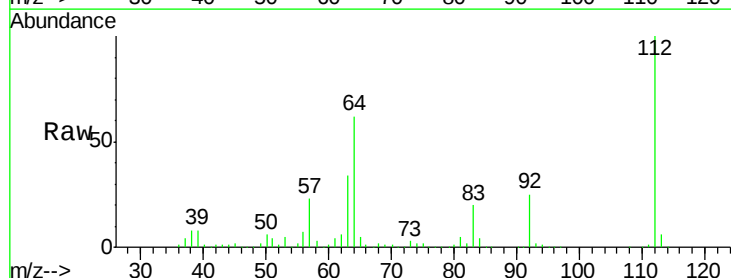
Tgt Ion:112 Resp: 1329574

Ion Ratio Lower Upper

112 100

64 61.9 52.1 78.1

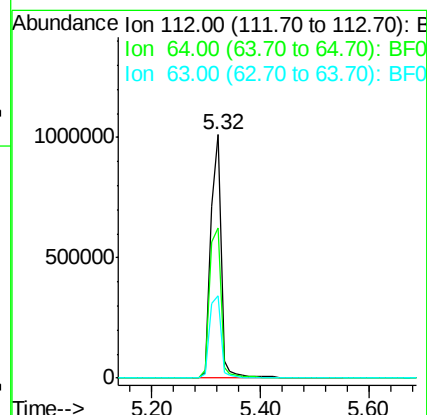
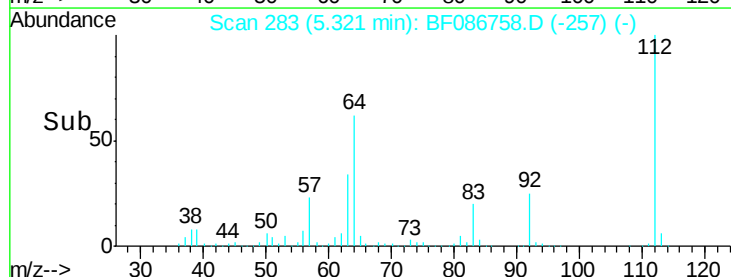
63 33.7 25.7 38.5

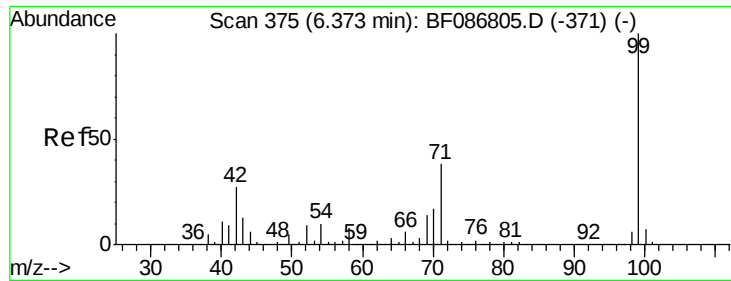


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.01 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086758.D

Acq: 7 May 2016 7:34

Instrument :

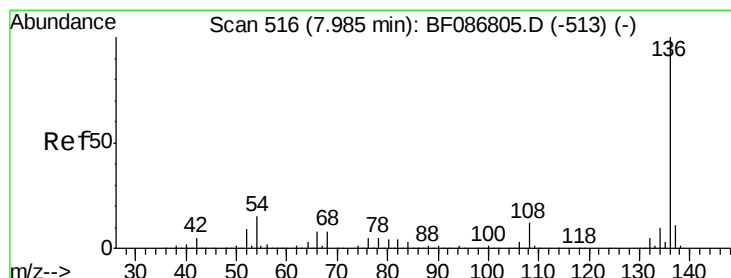
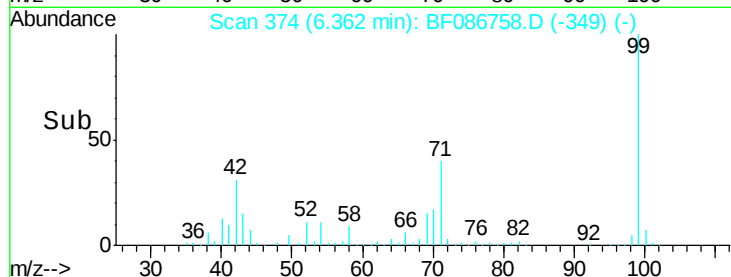
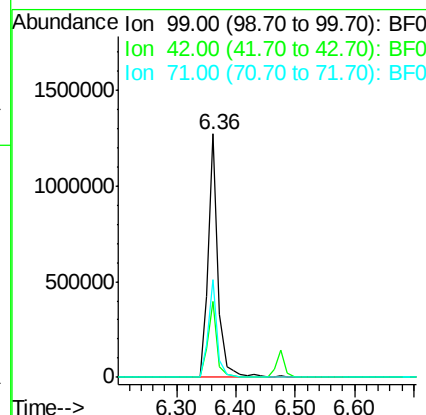
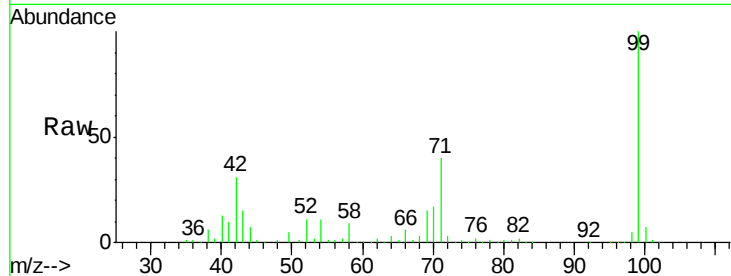
BNA_F

ClientSampleId :

PB90336TB

Tgt Ion: 99 Resp: 1514204

Ion	Ratio	Lower	Upper
99	100		
42	31.0	13.6	20.4#
71	39.9	24.6	36.8#



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

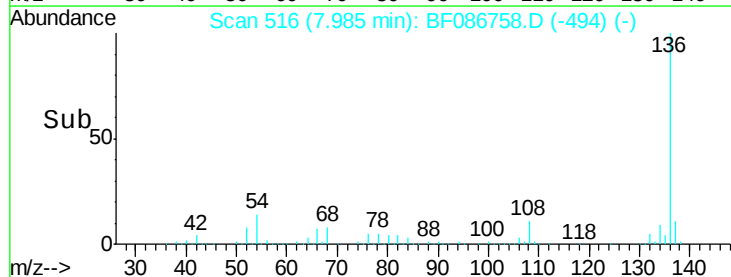
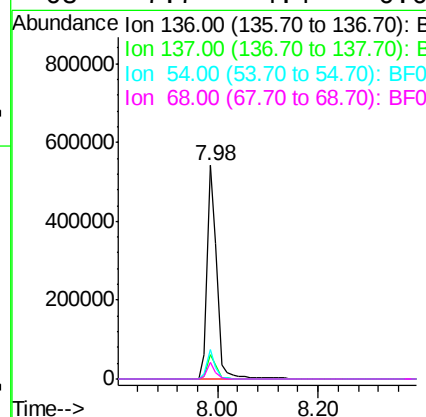
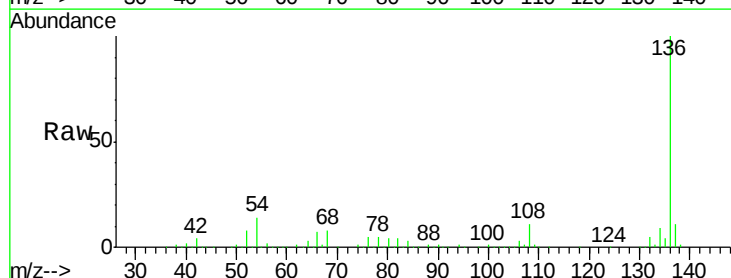
Delta R.T. -0.05 min

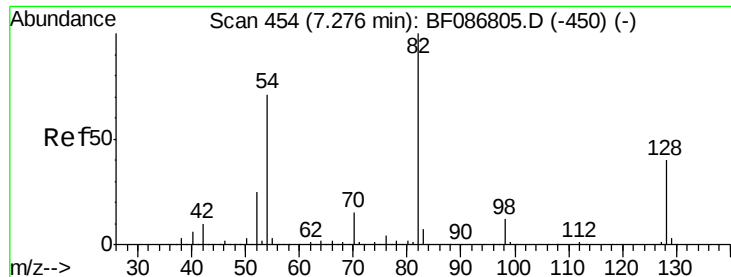
Lab File: BF086758.D

Acq: 7 May 2016 7:34

Tgt Ion: 136 Resp: 723962

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	13.9	5.0	7.4#
68	7.7	4.4	6.6#

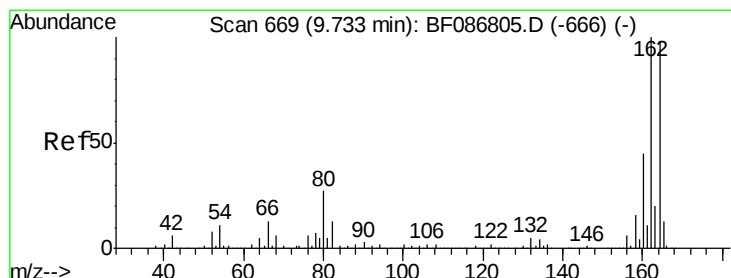
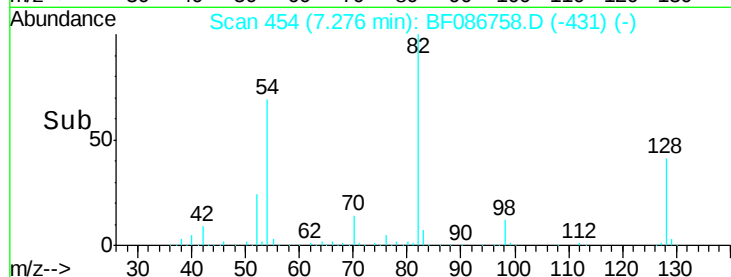
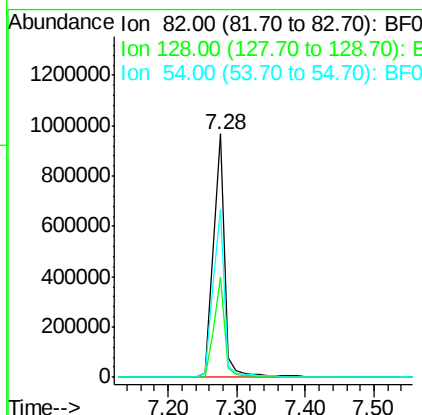
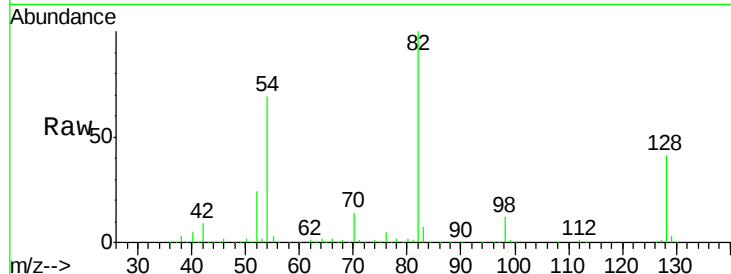




#23
Nitrobenzene-d5
Concen: 81.13 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086758.D
Acq: 7 May 2016 7:34

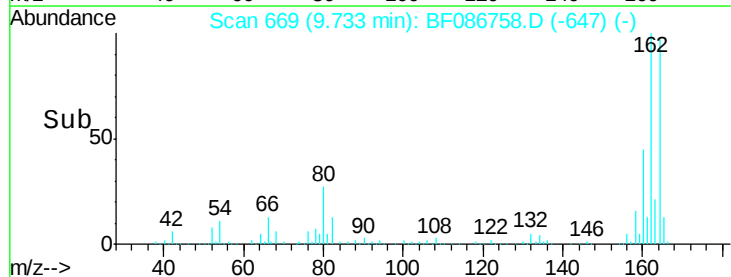
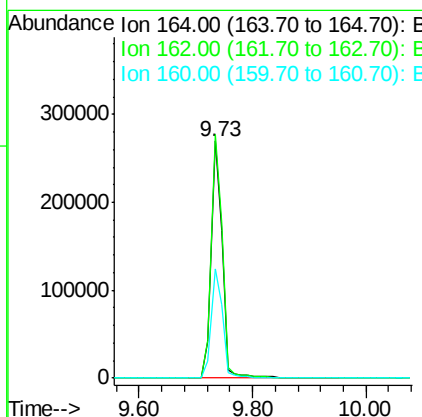
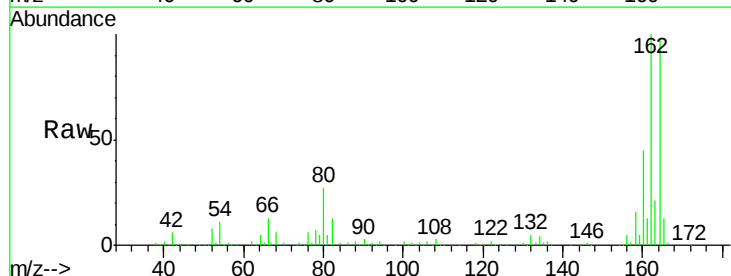
Instrument :
BNA_F
ClientSampleId :
PB90336TB

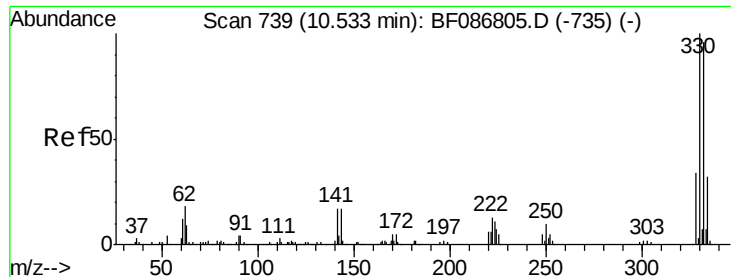
Tgt Ion: 82 Resp: 1142972
Ion Ratio Lower Upper
82 100
128 41.0 40.6 61.0
54 69.2 38.1 57.1#



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086758.D
Acq: 7 May 2016 7:34

Tgt Ion: 164 Resp: 352464
Ion Ratio Lower Upper
164 100
162 102.9 82.8 124.2
160 46.2 36.9 55.3

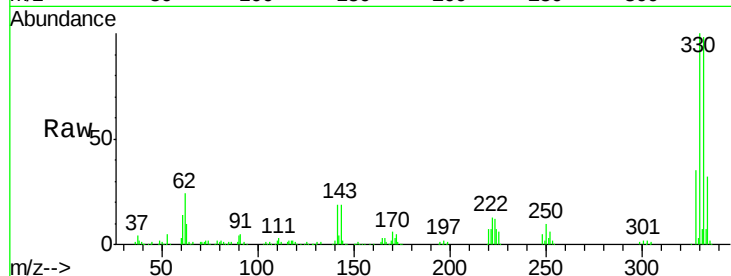




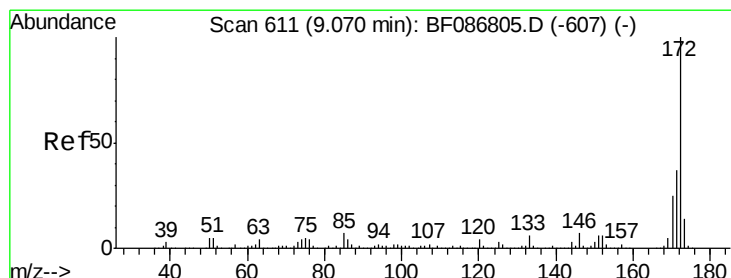
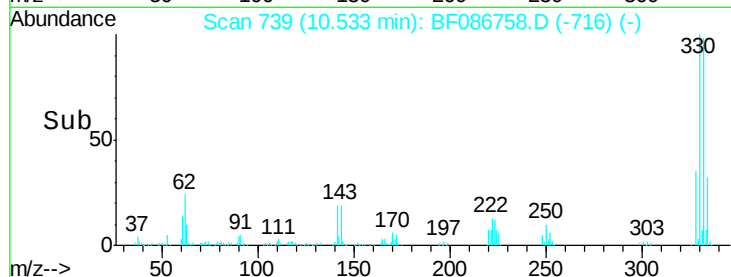
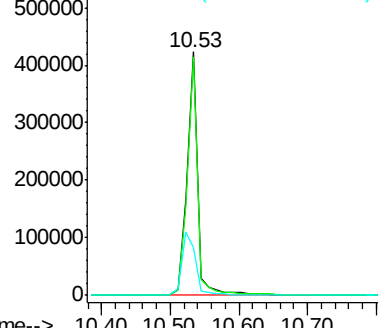
#41
 2,4,6-Tribromophenol
 Concen: 135.75 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086758.D
 Acq: 7 May 2016 7:34

Instrument :
 BNA_F
 ClientSampleId :
 PB90336TB

Tgt Ion:330 Resp: 468062
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 33.5 31.2 46.8

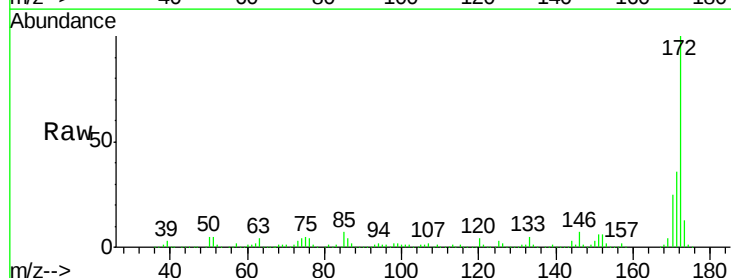


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

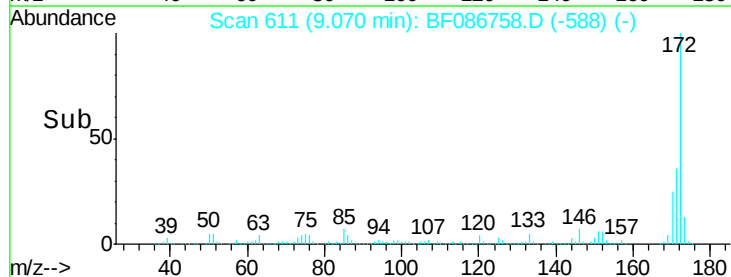
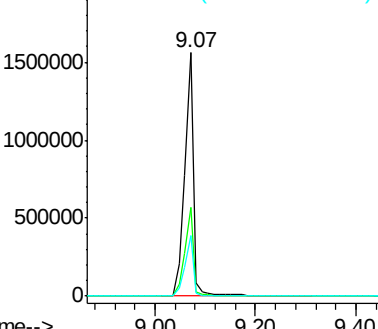


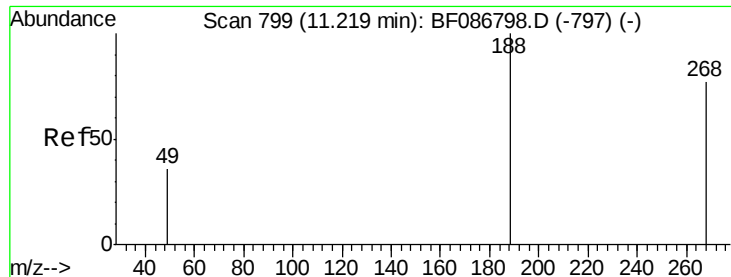
#44
 2-Fluorobiphenyl
 Concen: 88.53 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086758.D
 Acq: 7 May 2016 7:34

Tgt Ion:172 Resp: 1903519
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.8 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

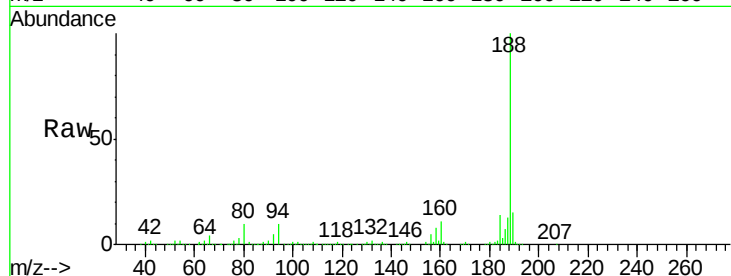




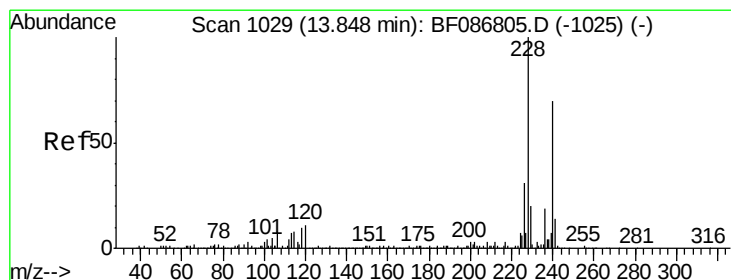
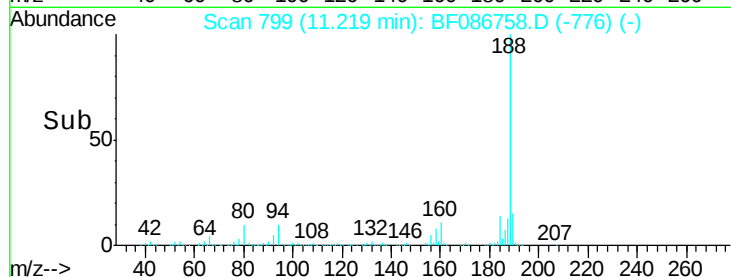
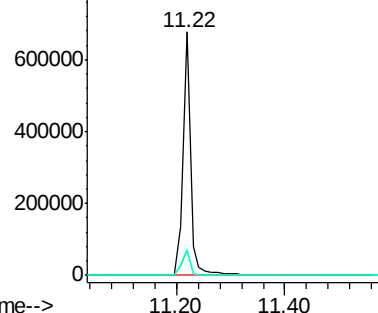
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086758.D
Acq: 7 May 2016 7:34

Instrument :
BNA_F
ClientSampleId :
PB90336TB

Tgt Ion:188 Resp: 672493
Ion Ratio Lower Upper
188 100
94 10.0 6.8 10.2
80 10.4 7.1 10.7

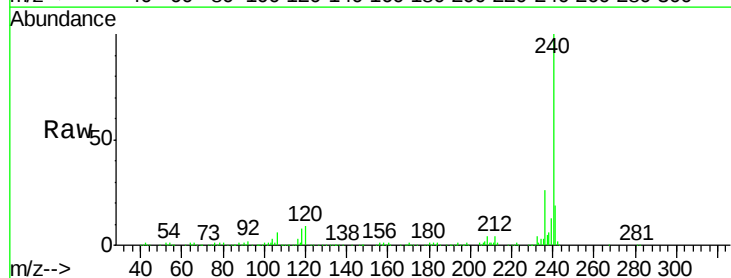


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

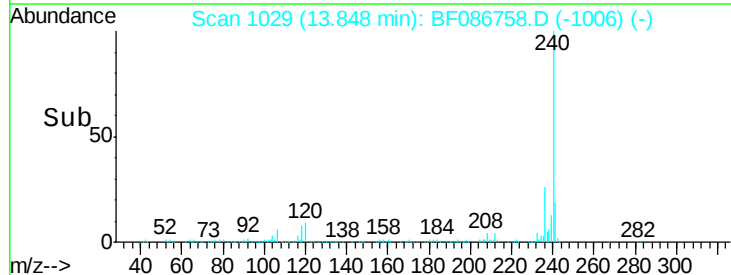
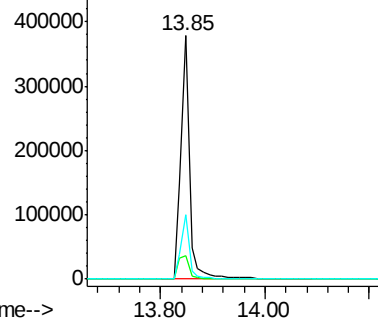


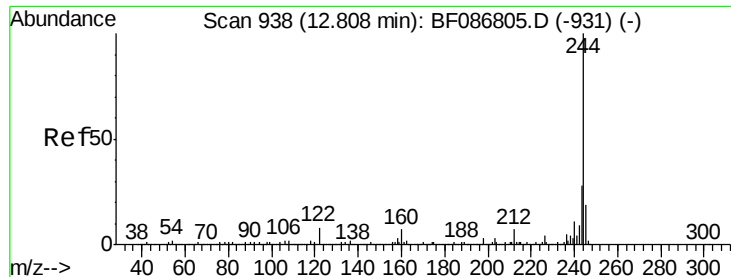
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086758.D
Acq: 7 May 2016 7:34

Tgt Ion:240 Resp: 441058
Ion Ratio Lower Upper
240 100
120 9.4 11.2 16.8#
236 26.3 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: 76.18 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086758.D

Acq: 7 May 2016 7:34

Instrument :

BNA_F

ClientSampleId :

PB90336TB

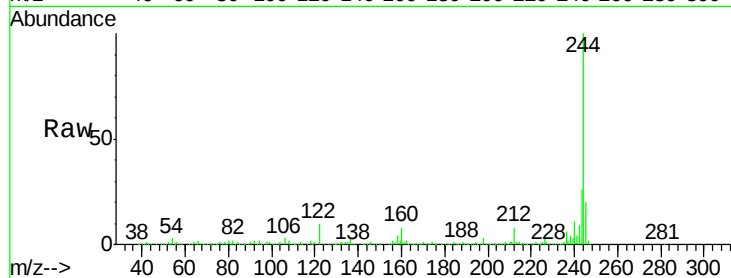
Tgt Ion:244 Resp: 1662485

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

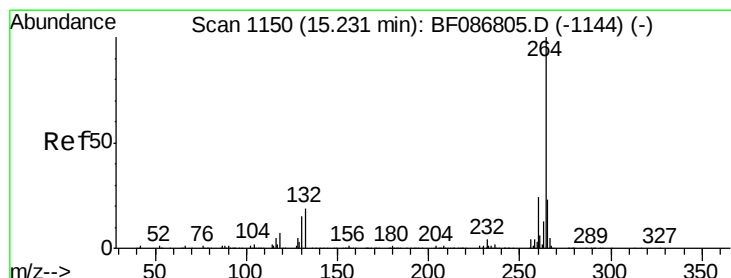
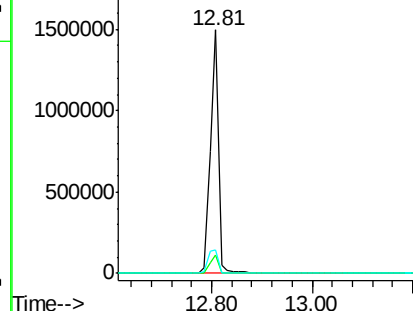
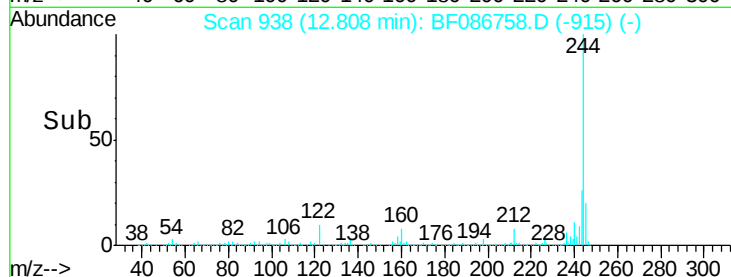
122 9.9 12.0 18.0#



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: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF086758.D

Acq: 7 May 2016 7:34

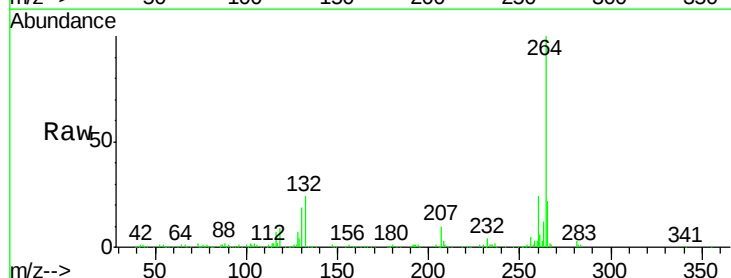
Tgt Ion:264 Resp: 309136

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.7 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

