

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042116\
 Data File : BF086348.D
 Acq On : 21 Apr 2016 17:22
 Operator : UM/SJ
 Sample : PB89669BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Quant Time: Apr 22 01:07:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	266836	20.00	ng	-0.05
21) Naphthalene-d8	8.13	136	1105564	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	533585	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	1080652	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	813837	20.00	ng	-0.05
86) Perylene-d12	15.44	264	537059	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1864403	121.91	ng	-0.01
7) Phenol-d6	6.49	99	2035016	101.68	ng	-0.03
23) Nitrobenzene-d5	7.41	82	1436369	74.41	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	491020	118.06	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2410419	86.75	ng	-0.05
78) Terphenyl-d14	12.97	244	2145162	62.74	ng	-0.03

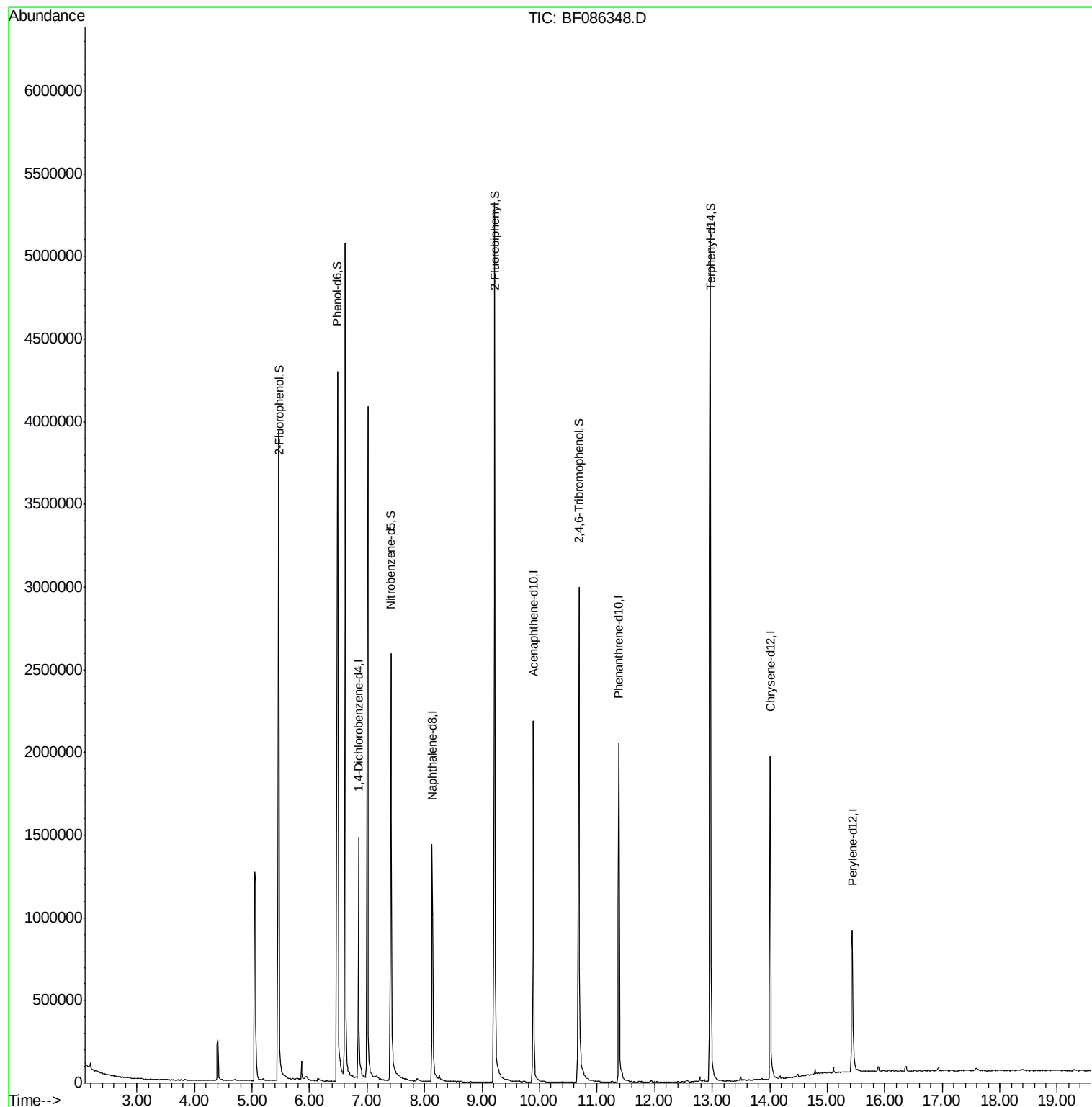
Target Compounds Qvalue

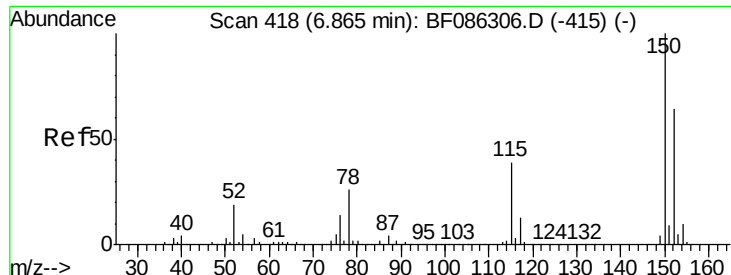
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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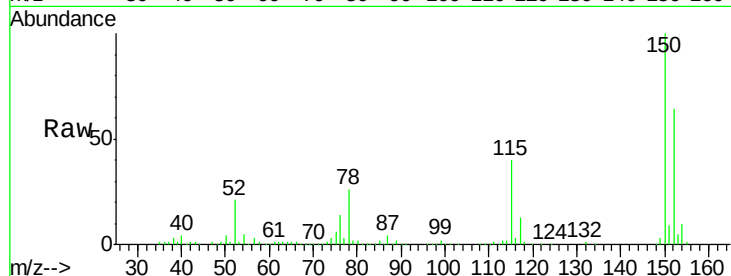


#1

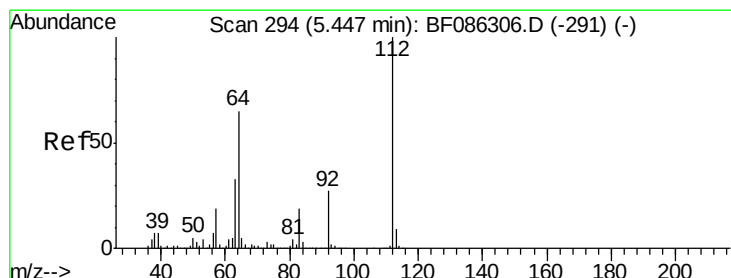
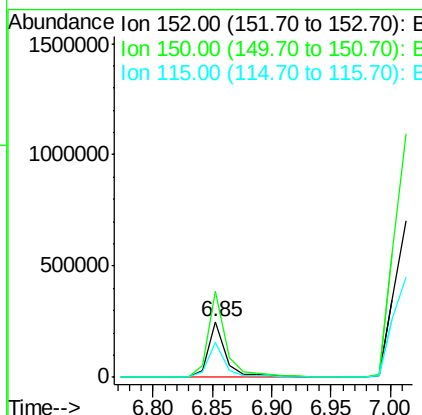
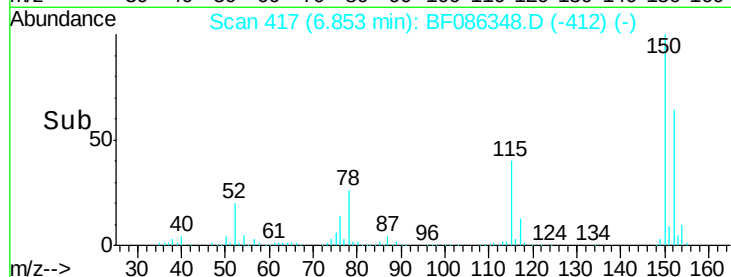
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF086348.D
Acq: 21 Apr 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tot Ion:152 Resp: 266836
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 62.3 43.9 65.9



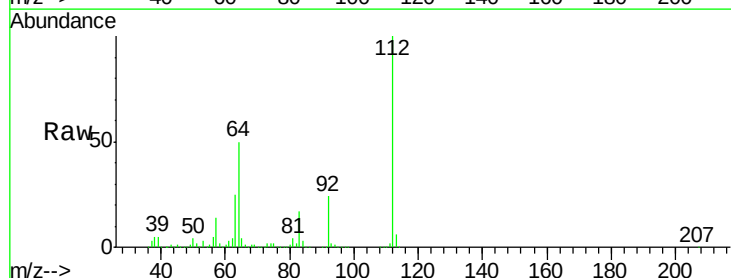
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



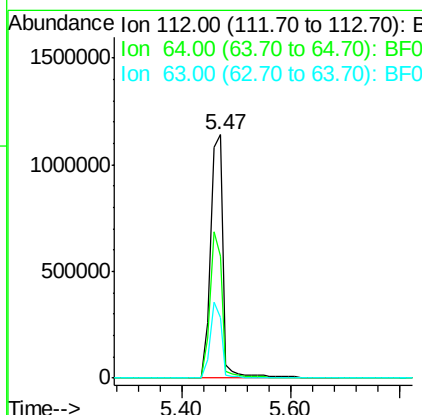
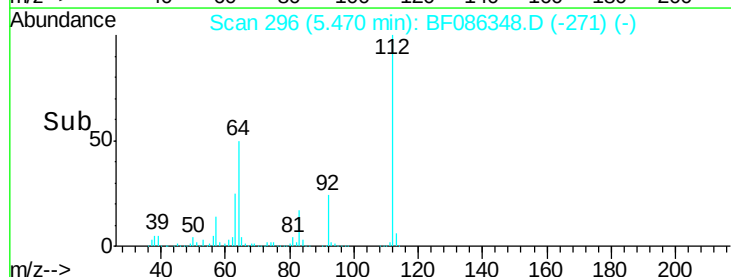
#5

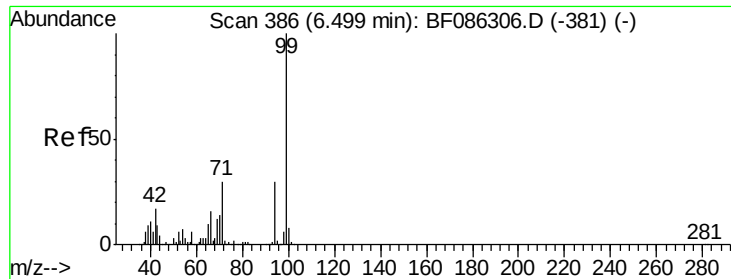
2-Fluorophenol
Concen: 121.91 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF086348.D
Acq: 21 Apr 2016 17:22

Tgt Ion:112 Resp: 1864403
Ion Ratio Lower Upper
112 100
64 50.2 48.1 72.1
63 25.0 25.5 38.3



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: 101.68 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB89669BL

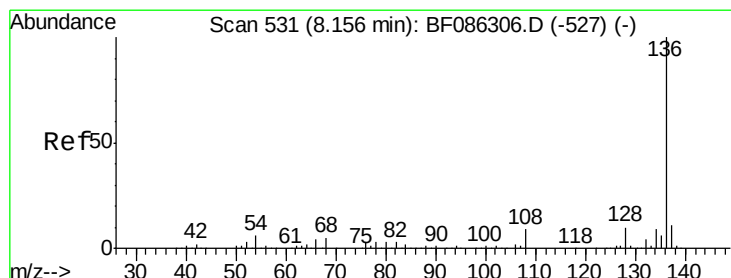
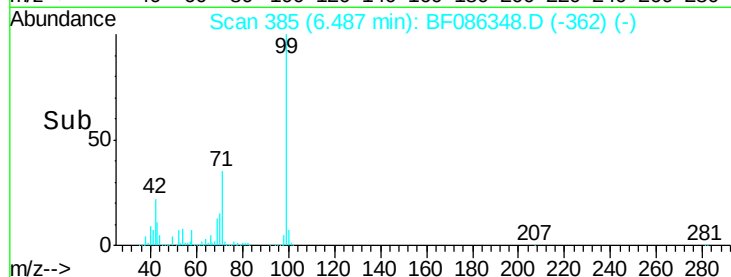
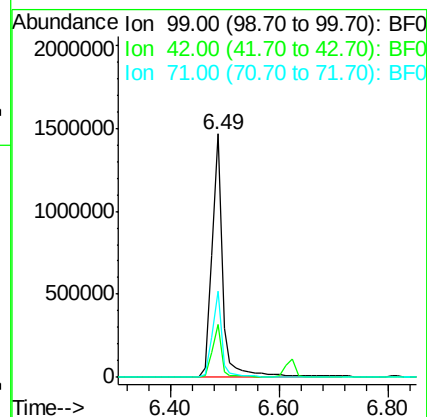
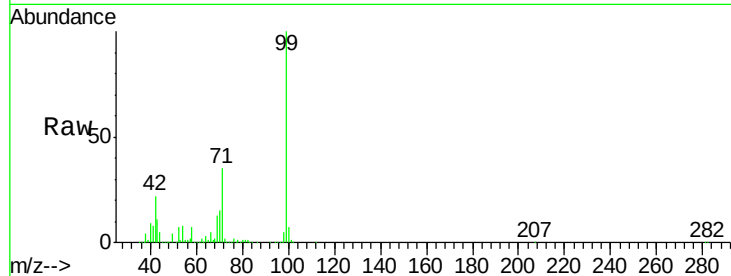
Tot Ion: 99 Resp: 2035016

Ion Ratio Lower Upper

99 100

42 21.9 15.4 23.2

71 35.4 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

Tgt Ion: 136 Resp: 1105564

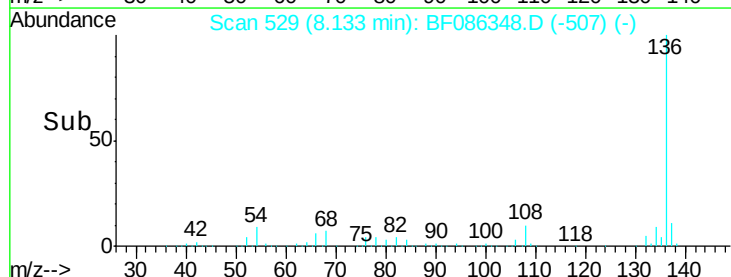
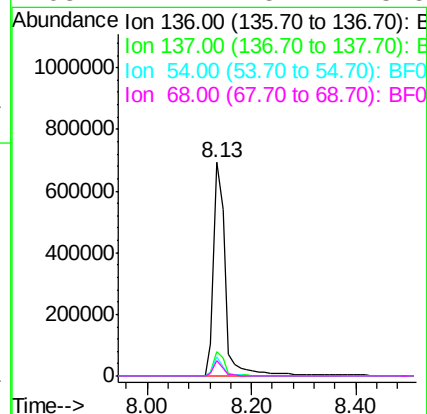
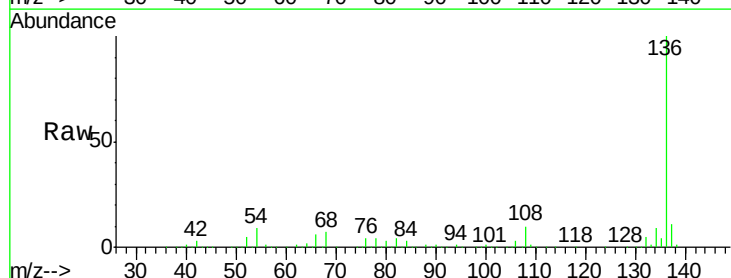
Ion Ratio Lower Upper

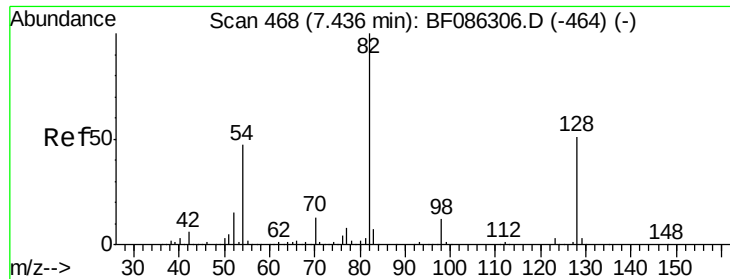
136 100

137 11.4 9.1 13.7

54 9.1 7.3 10.9

68 7.4 5.7 8.5





#23

Nitrobenzene-d5

Concen: 74.41 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.05 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

Instrument :

BNA_F

ClientSampled :

PB89669BL

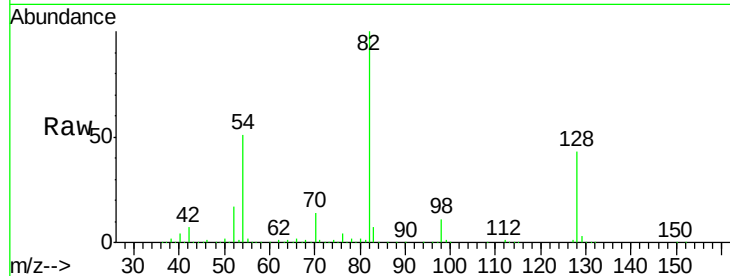
Tot Ion: 82 Resp: 1436369

Ion Ratio Lower Upper

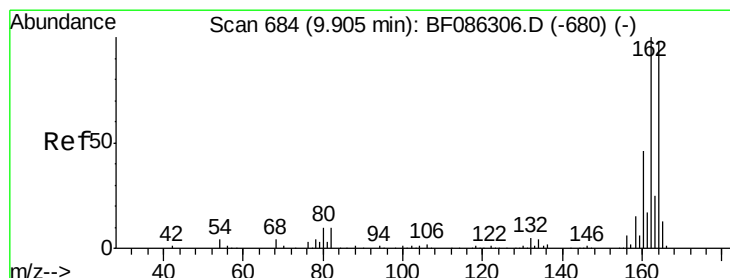
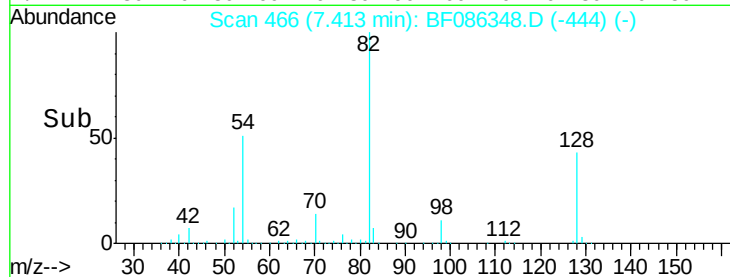
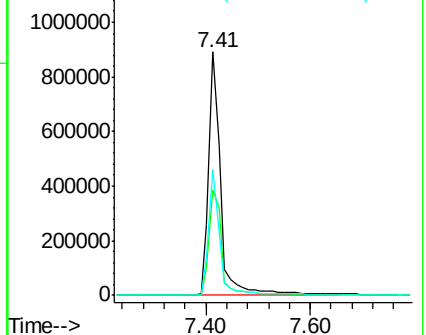
82 100

128 43.2 35.4 53.2

54 51.4 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

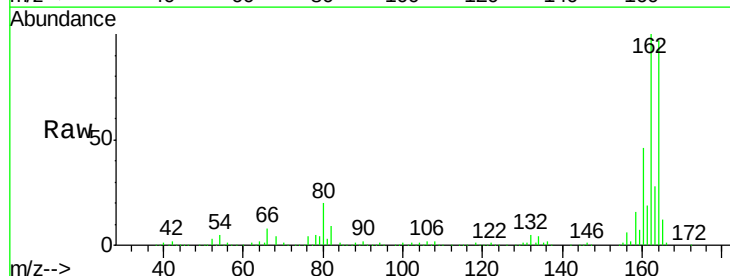
Tgt Ion:164 Resp: 533585

Ion Ratio Lower Upper

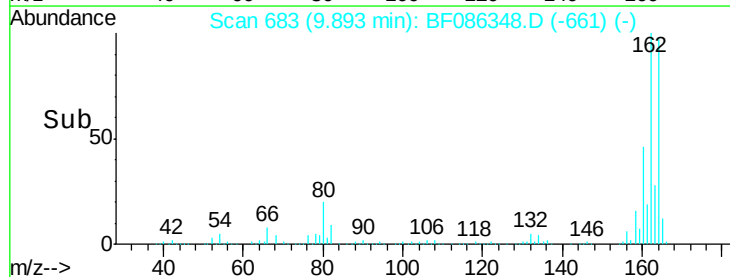
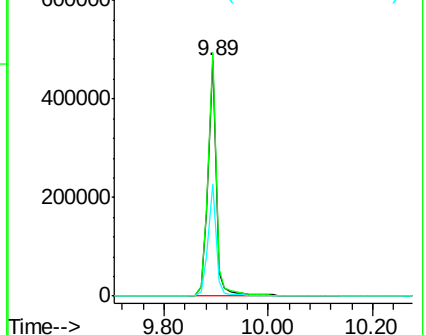
164 100

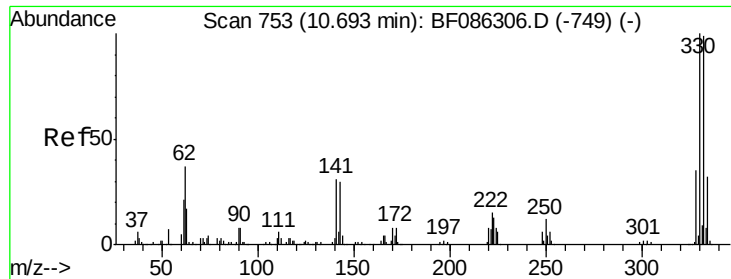
162 103.3 82.8 124.2

160 47.3 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

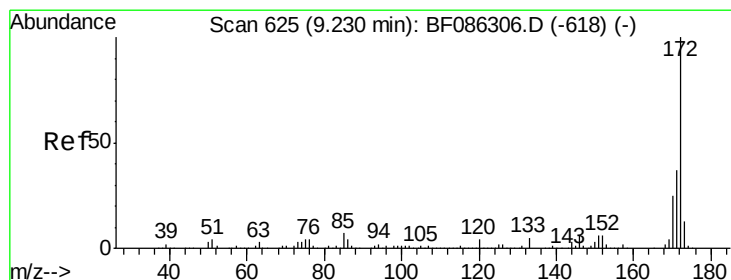
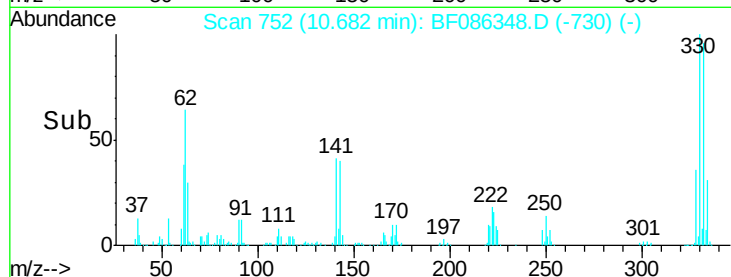
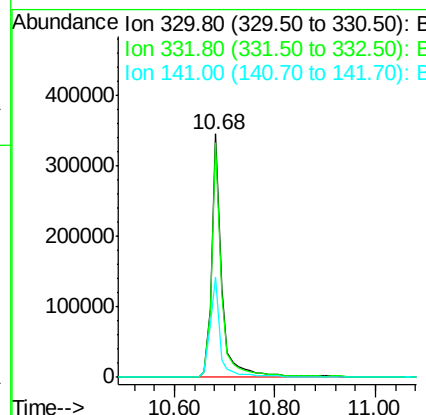
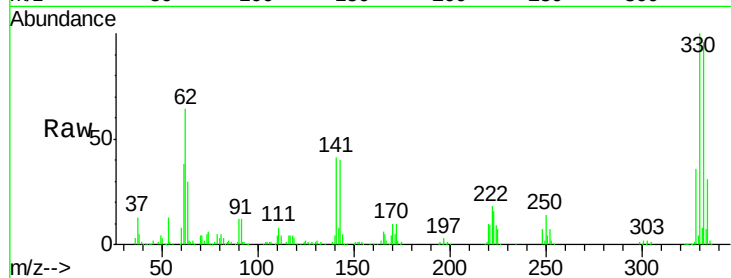




#41
 2,4,6-Tribromophenol
 Concen: 118.06 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

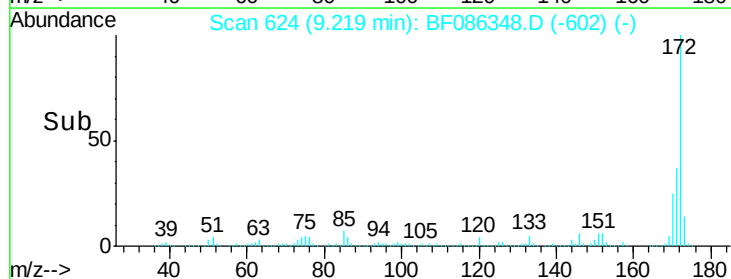
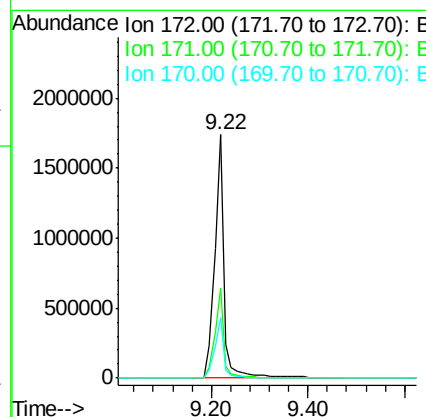
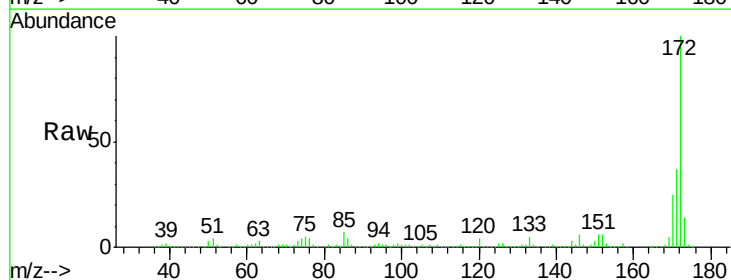
Instrument :
 BNA_F
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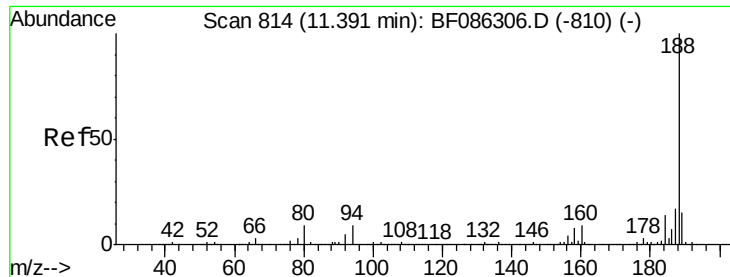
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.7	118.1
141	41.6	28.6	42.8



#44
 2-Fluorobiphenyl
 Concen: 86.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.1	43.7
170	25.0	19.9	29.9

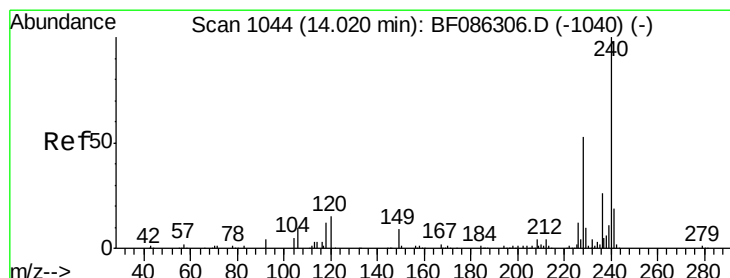
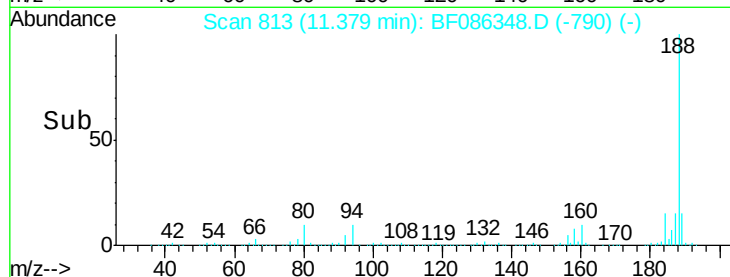
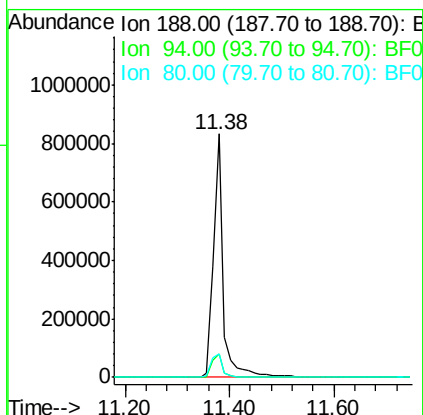
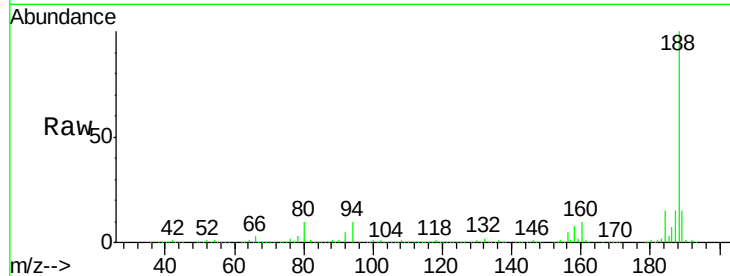




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

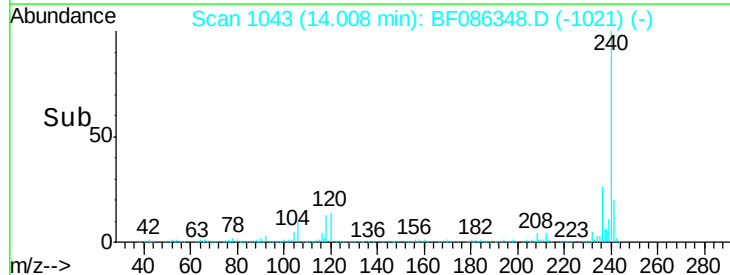
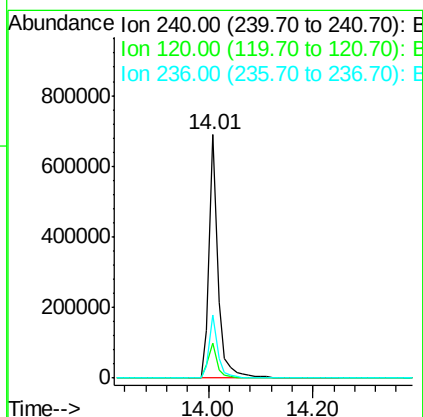
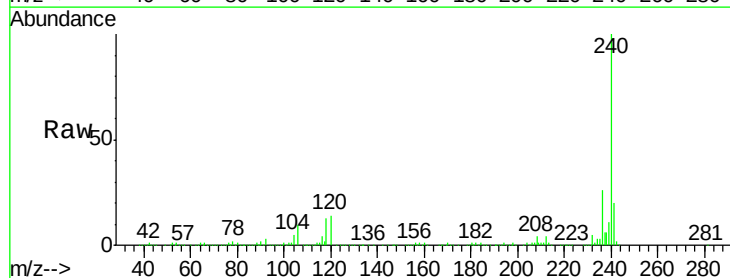
Instrument :
 BNA_F
 ClientSampled :
 PB89669BL

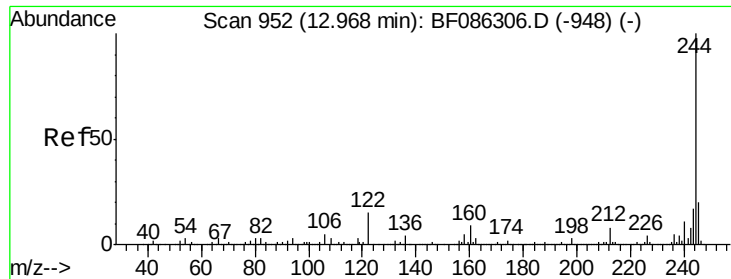
Tot Ion:188 Resp: 1080652
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.8 14.8#
 80 9.8 10.5 15.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Tgt Ion:240 Resp: 813837
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.3 13.9#
 236 26.1 21.1 31.7

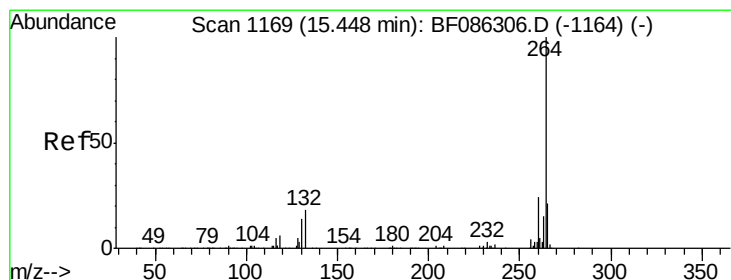
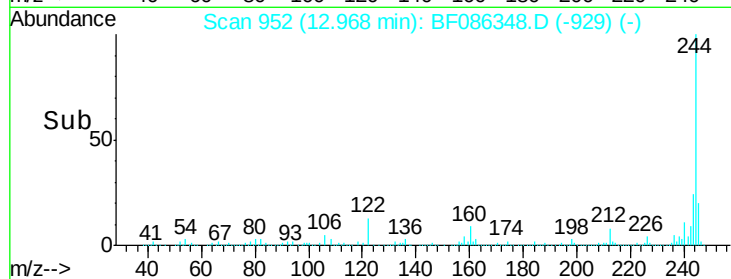
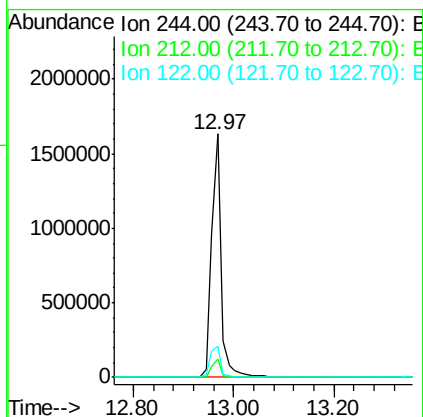
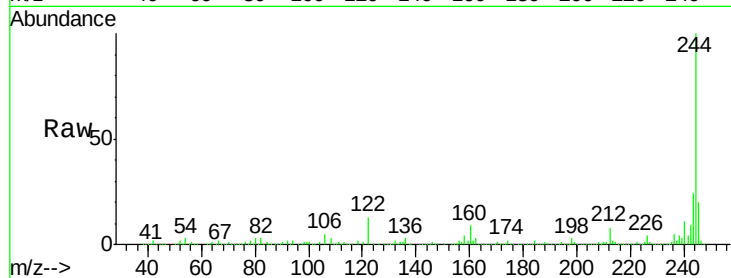




#78
 Terphenyl-d14
 Concen: 62.74 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Tot Ion:244 Resp: 2145162
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 12.8 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Tgt Ion:264 Resp: 537059
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.5 17.4 26.0

