

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085470.D
 Acq On : 16 Mar 2016 19:09
 Operator : UM/SJ
 Sample : PB88925BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

Quant Time: Mar 17 00:06:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128298	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	519766	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	248583	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	458305	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	338274	20.00	ng	-0.02
86) Perylene-d12	15.51	264	231737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	863412	115.68	ng	0.00
7) Phenol-d6	6.53	99	923426	95.38	ng	-0.02
23) Nitrobenzene-d5	7.46	82	669001	76.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	241342	105.41	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1114156	77.76	ng	-0.02
78) Terphenyl-d14	13.01	244	1070019	71.56	ng	-0.02

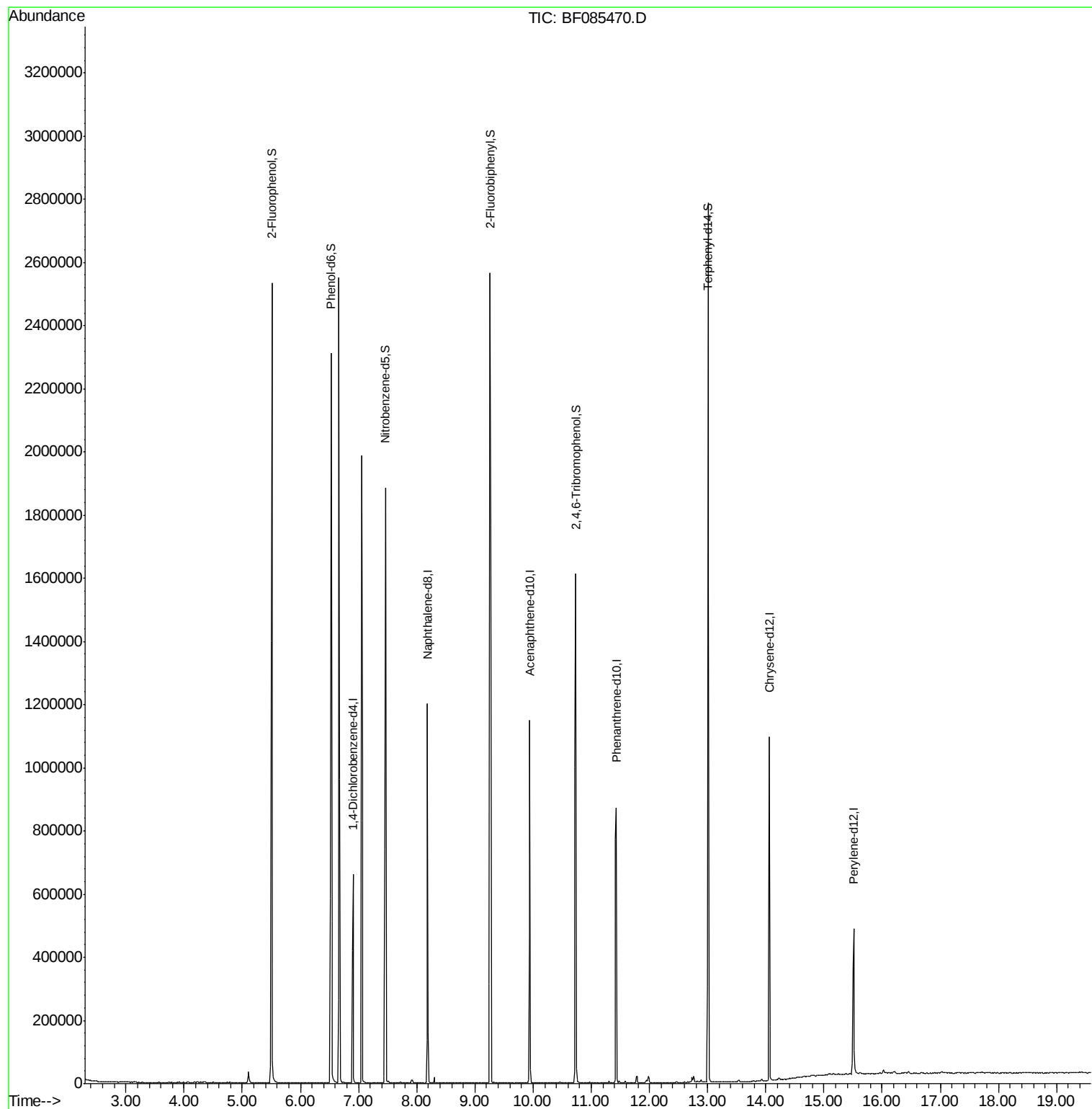
Target Compounds Qvalue

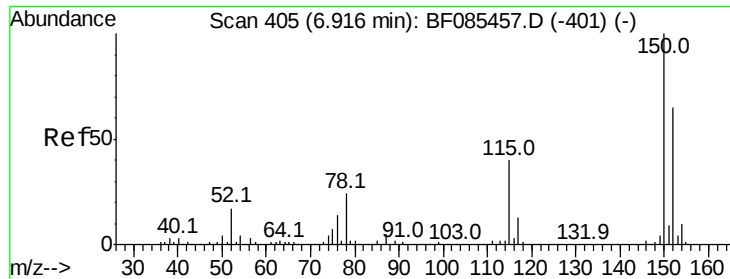
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Instrument :

BNA_F

ClientSampleId :

PB88925BL

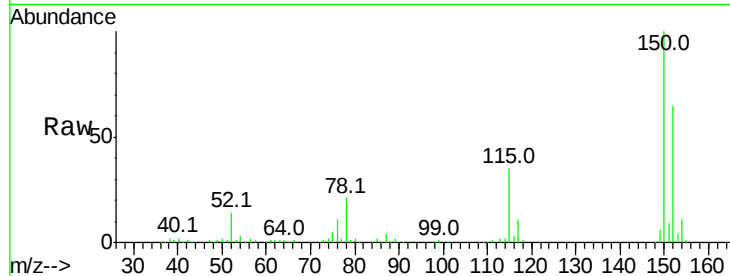
Tot Ion:152 Resp: 128298

Ion Ratio Lower Upper

152 100

150 154.5 124.6 186.8

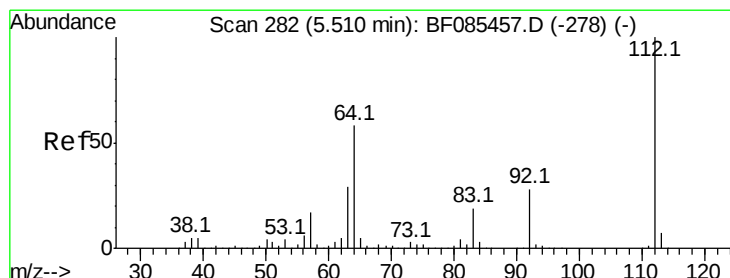
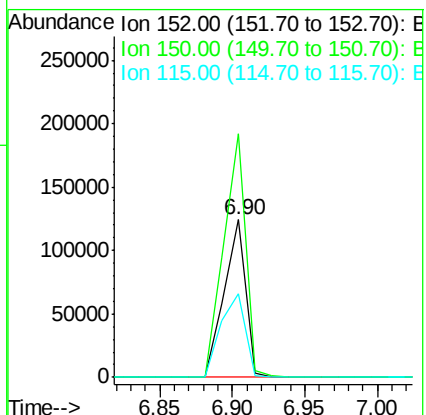
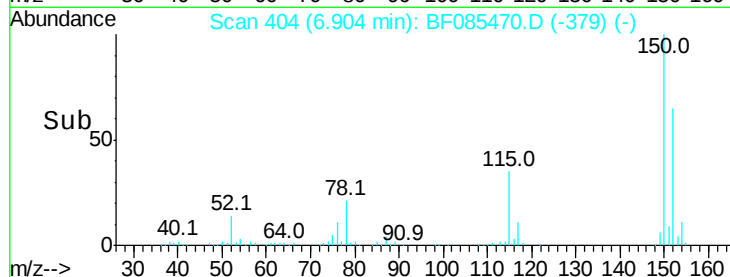
115 53.4 46.6 70.0



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: 115.68 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

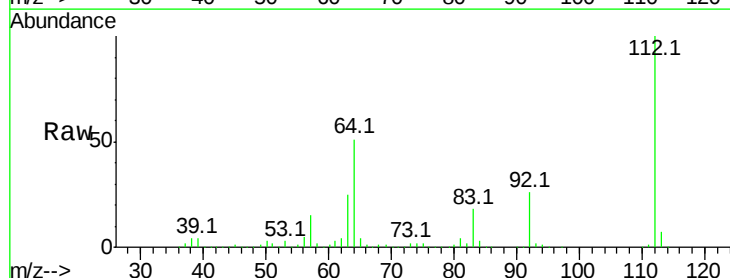
Tgt Ion:112 Resp: 863412

Ion Ratio Lower Upper

112 100

64 50.7 49.0 73.4

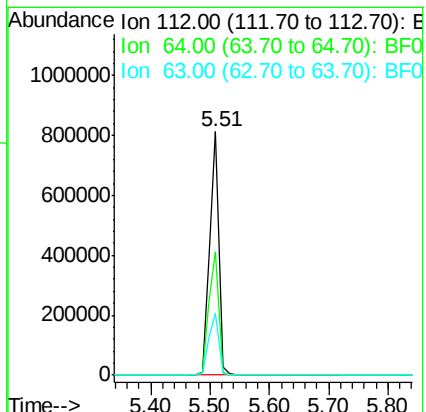
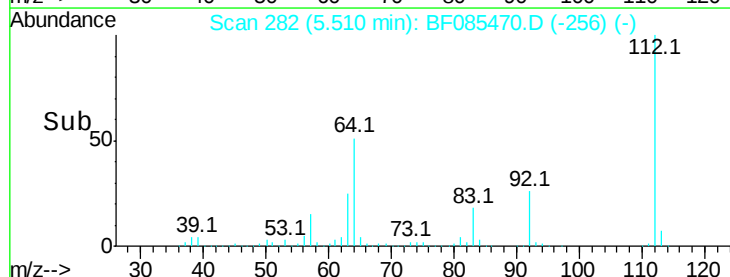
63 25.3 24.8 37.2

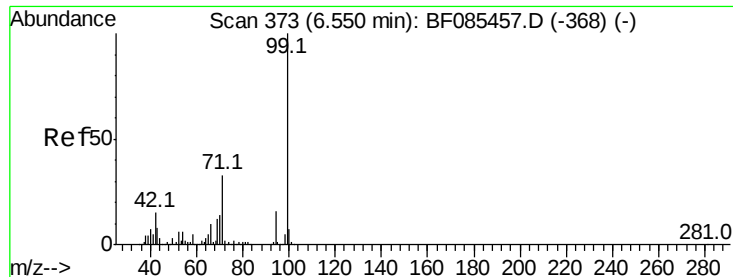


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.38 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Instrument :

BNA_F

ClientSampleId :

PB88925BL

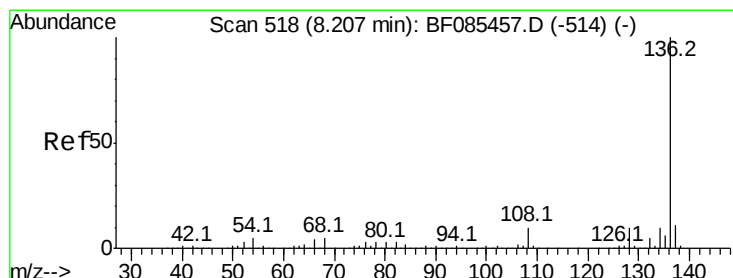
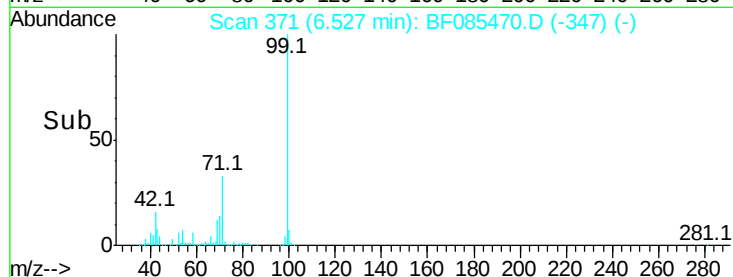
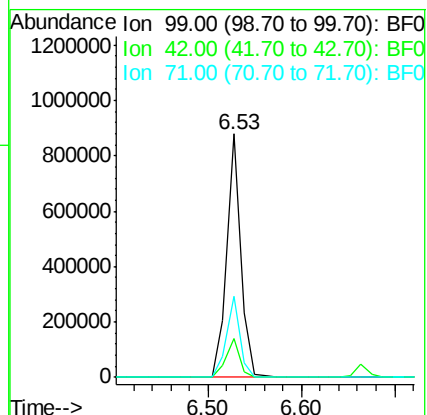
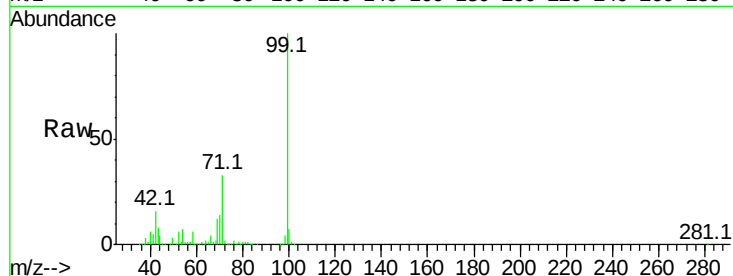
Tot Ion: 99 Resp: 923426

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 33.4 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Tgt Ion: 136 Resp: 519766

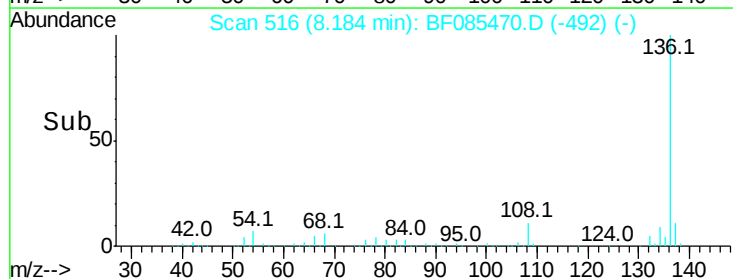
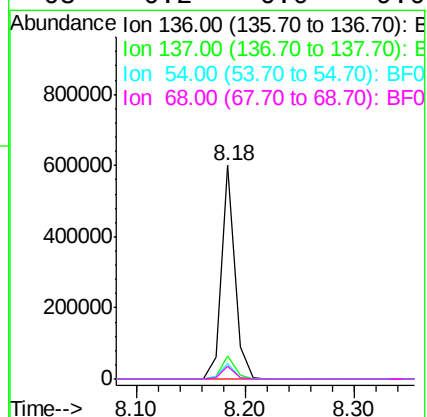
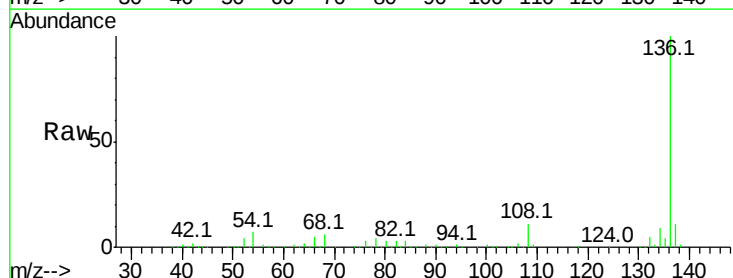
Ion Ratio Lower Upper

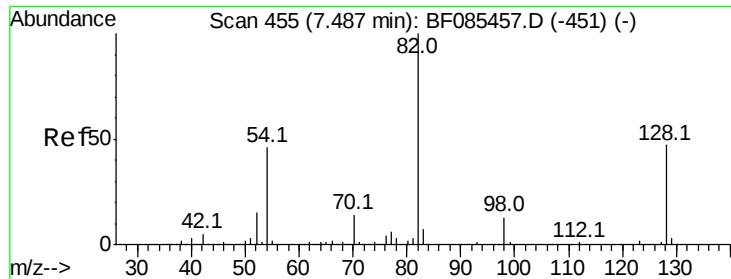
136 100

137 11.1 9.3 13.9

54 7.3 7.4 11.2#

68 6.2 6.0 9.0

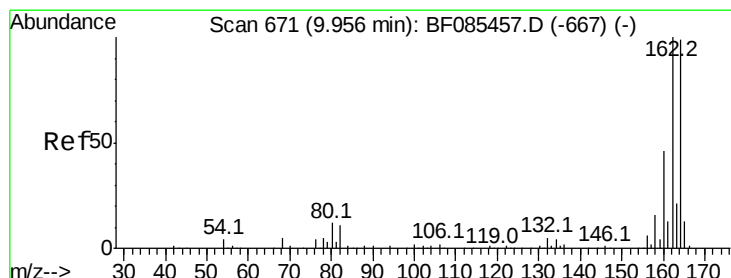
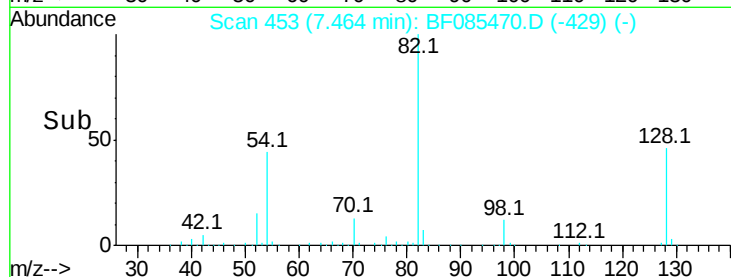
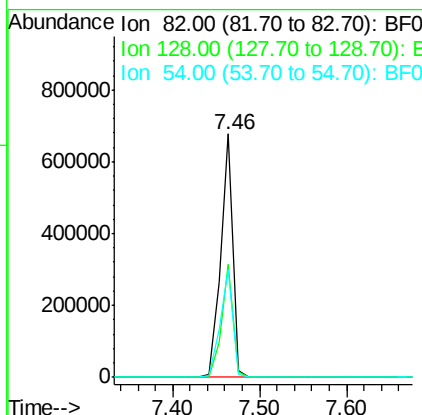
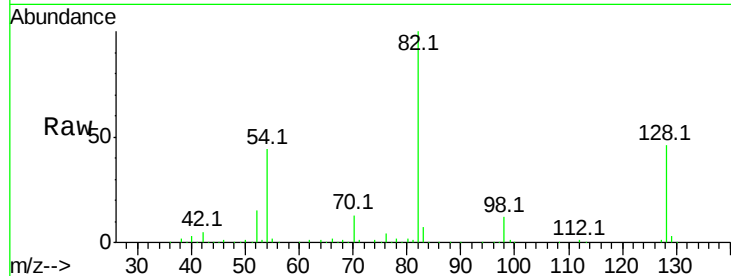




#23
 Nitrobenzene-d5
 Concen: 76.10 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

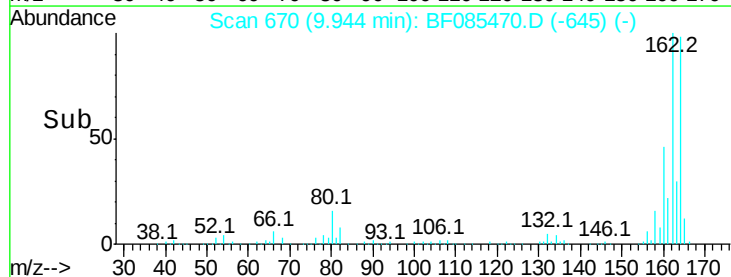
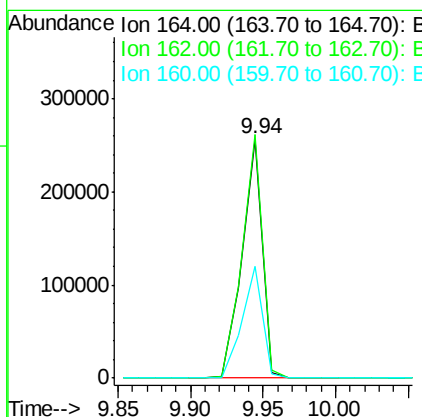
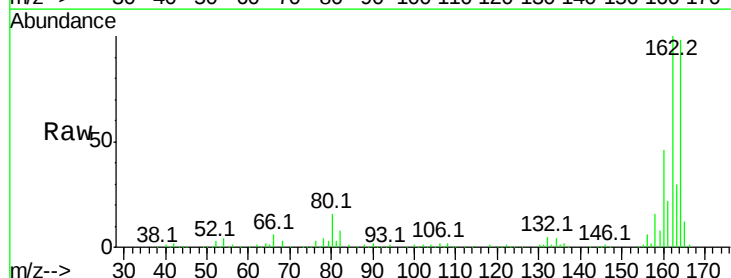
Instrument :
 BNA_F
 ClientSampled :
 PB88925BL

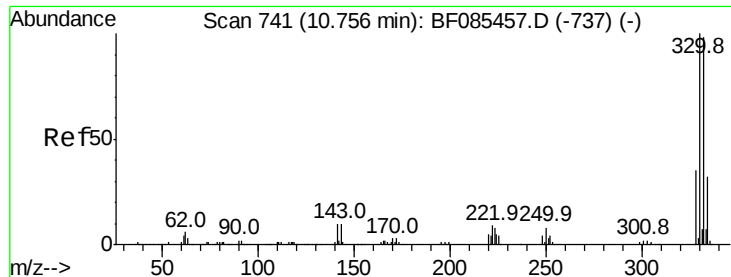
Tot Ion	82	Resp	669001
Ion Ratio	100		
Lower	34.5		
Upper	51.7		
54	44.2	39.3	58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

Tgt Ion	164	Resp	248583
Ion Ratio	100		
Lower	83.3		
Upper	124.9		
162	102.0	37.9	56.9

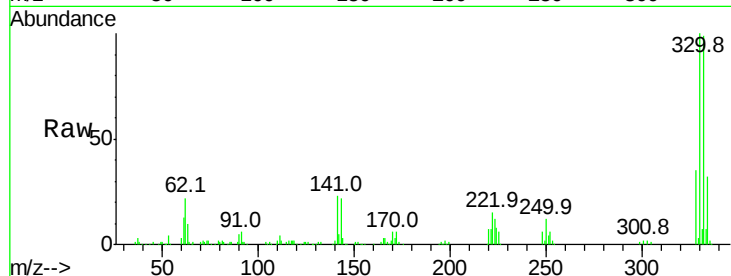




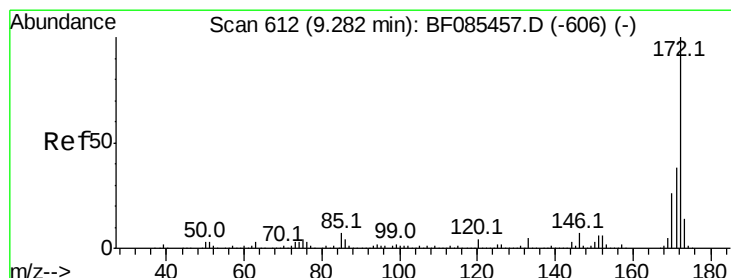
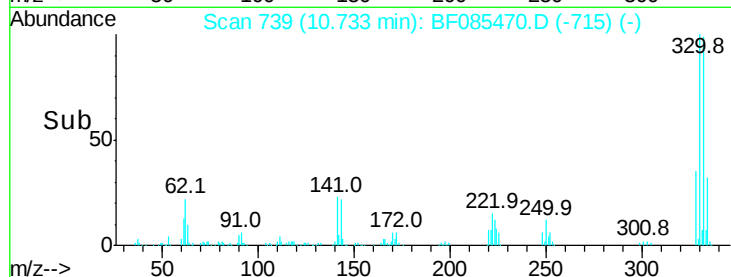
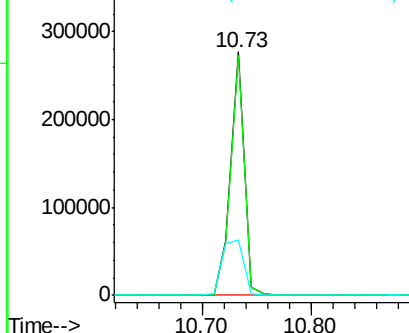
#41
 2,4,6-Tribromophenol
 Concen: 105.41 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 PB88925BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	36.0	35.0	52.6

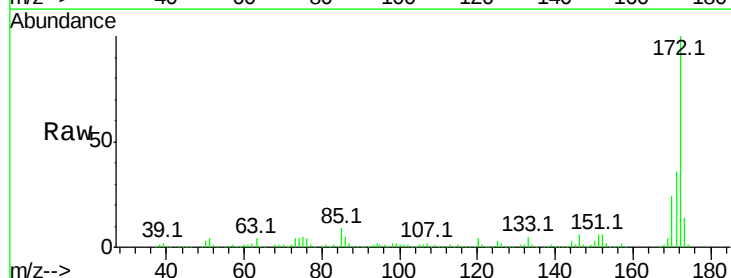


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

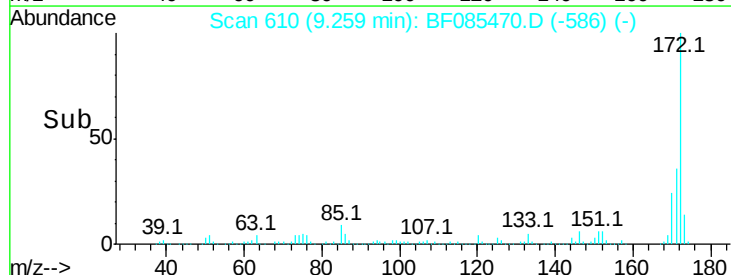
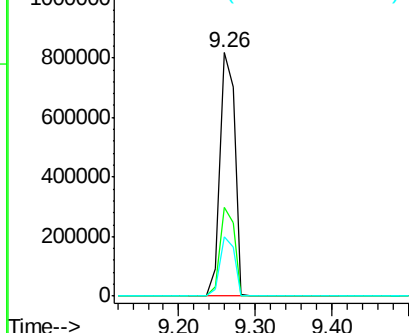


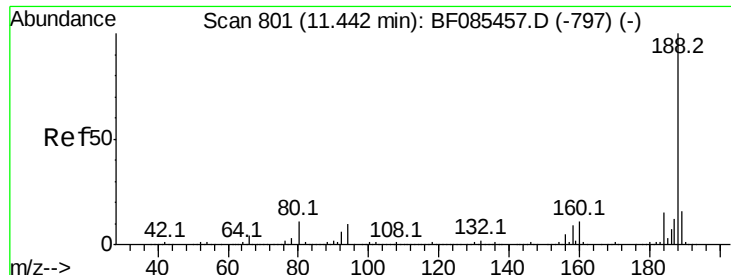
#44
 2-Fluorobiphenyl
 Concen: 77.76 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF085470.D
 Acq: 16 Mar 2016 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.1	20.0	30.0



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

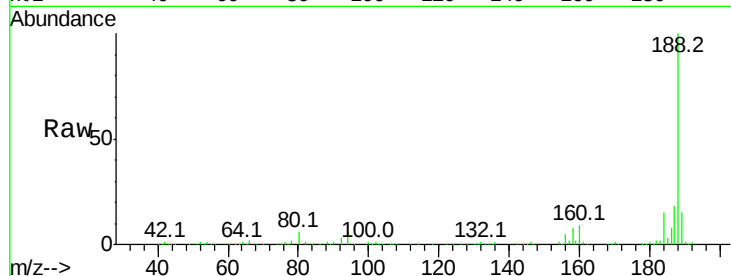




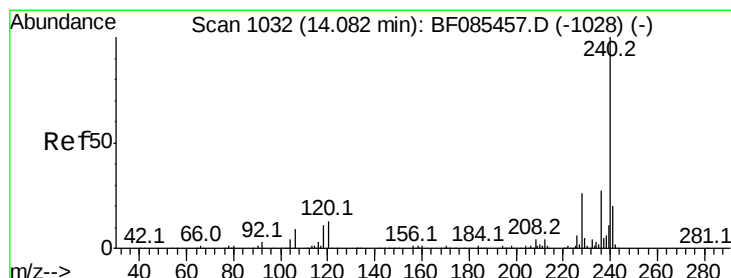
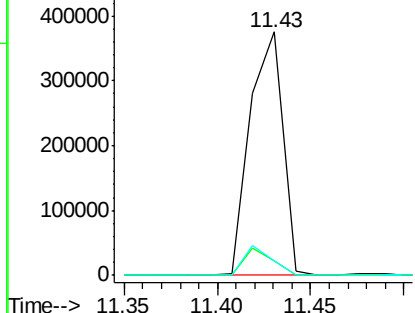
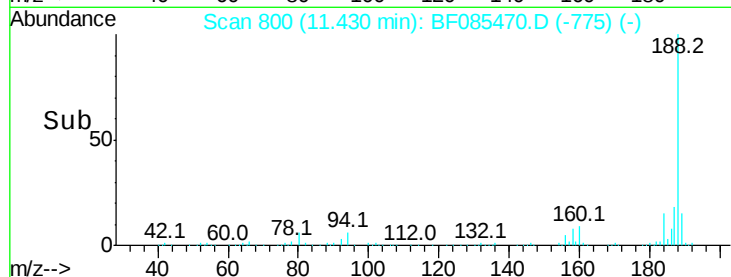
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085470.D
Acq: 16 Mar 2016 19:09

Instrument :
BNA_F
ClientSampleId :
PB88925BL

Tot Ion:188 Resp: 458305
Ion Ratio Lower Upper
188 100
94 6.1 7.0 10.6#
80 6.2 7.4 11.0#

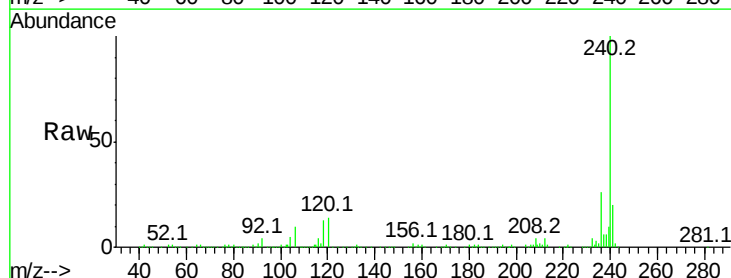


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

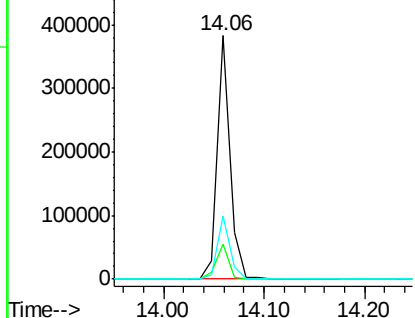
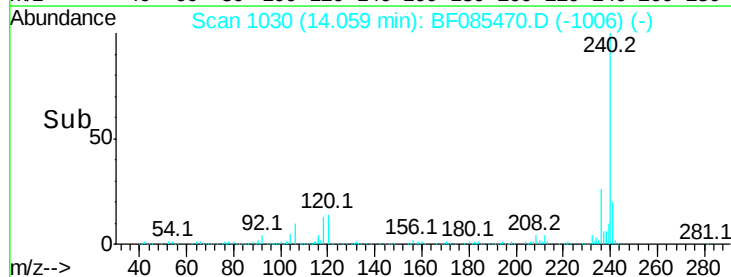


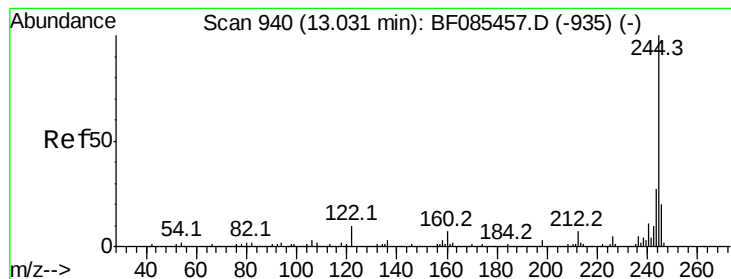
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF085470.D
Acq: 16 Mar 2016 19:09

Tgt Ion:240 Resp: 338274
Ion Ratio Lower Upper
240 100
120 14.3 5.3 7.9#
236 25.9 20.7 31.1



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: 71.56 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

Instrument :

BNA_F

ClientSampleId :

PB88925BL

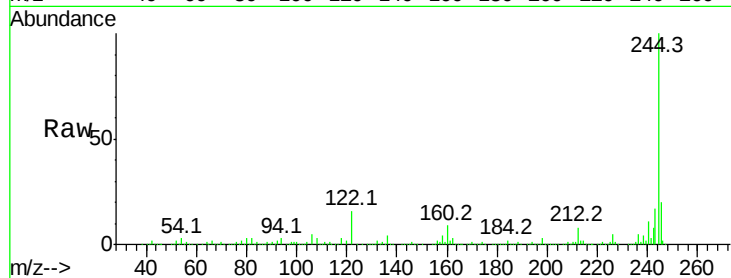
Tot Ion:244 Resp: 1070019

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

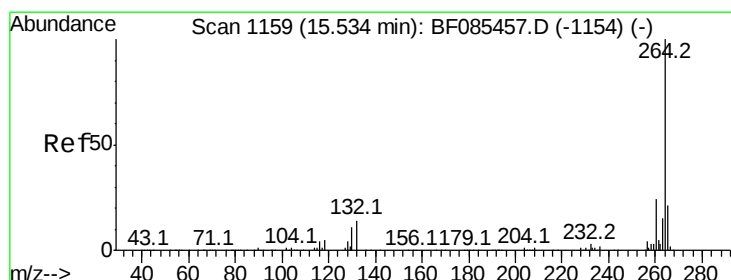
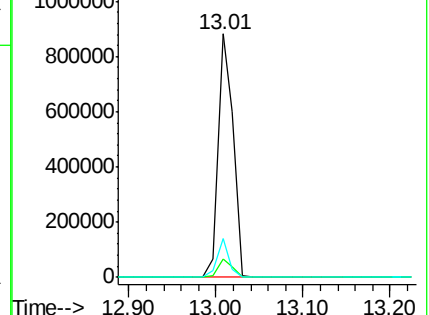
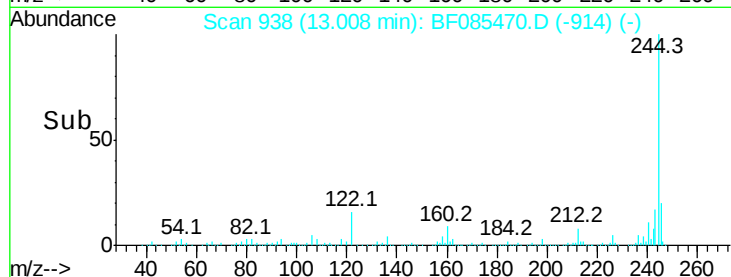
122 15.9 11.4 17.2



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: 15.51 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF085470.D

Acq: 16 Mar 2016 19:09

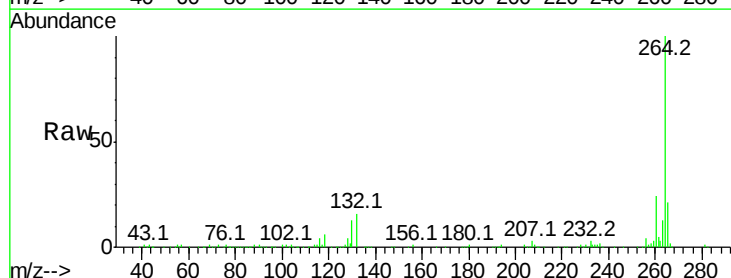
Tgt Ion:264 Resp: 231737

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 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

