

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085885.D
 Acq On : 30 Mar 2016 14:43
 Operator : UM/SJ
 Sample : PB89280BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

Quant Time: Mar 31 03:13:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99951	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	419719	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	184268	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	358556	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	300174	20.00	ng	-0.01
86) Perylene-d12	15.37	264	182981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	484805	80.78	ng	0.00
7) Phenol-d6	6.44	99	665844	87.26	ng	-0.01
23) Nitrobenzene-d5	7.36	82	508740	68.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	153934	87.92	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	941368	85.35	ng	-0.01
78) Terphenyl-d14	12.90	244	911530	62.45	ng	0.00

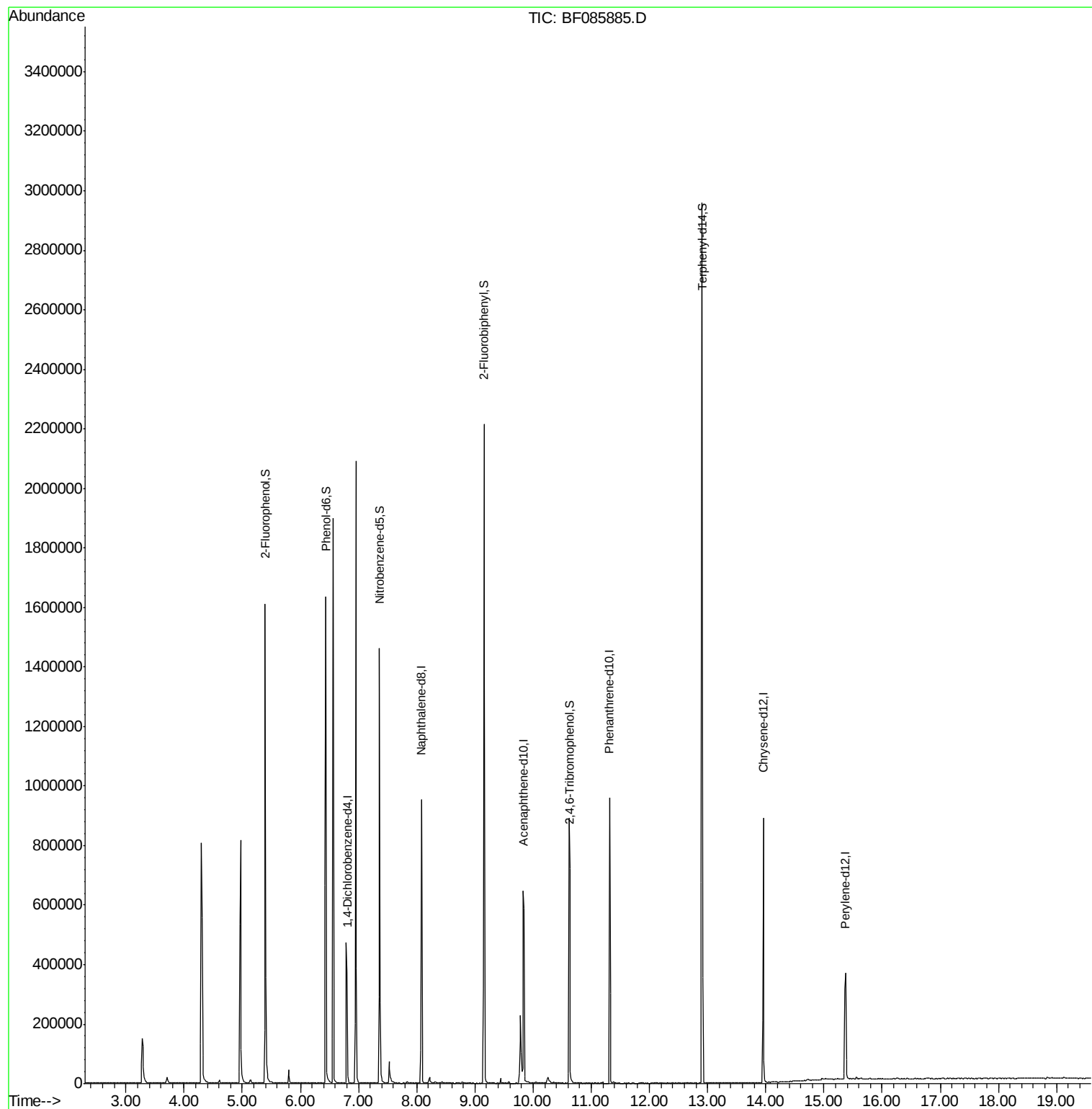
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

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Acq: 30 Mar 2016 14:43

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BNA_F

ClientSampleId :

PB89280BL

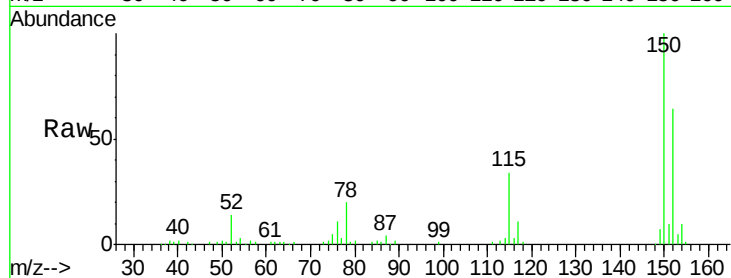
Tgt Ion:152 Resp: 99951

Ion Ratio Lower Upper

152 100

150 156.5 124.2 186.2

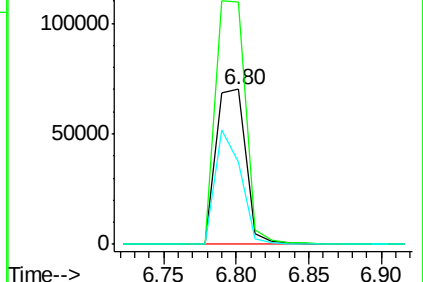
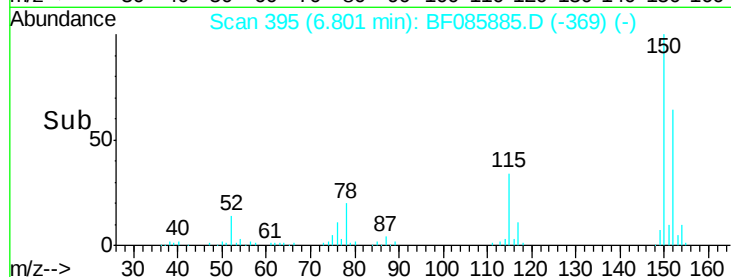
115 53.0 47.0 70.6



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: 80.78 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

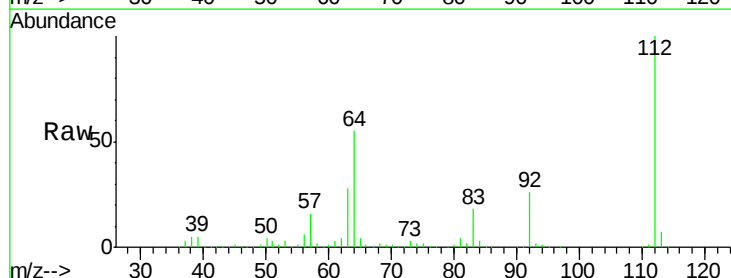
Tgt Ion:112 Resp: 484805

Ion Ratio Lower Upper

112 100

64 55.2 39.9 59.9

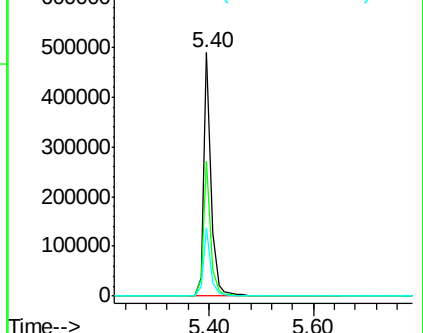
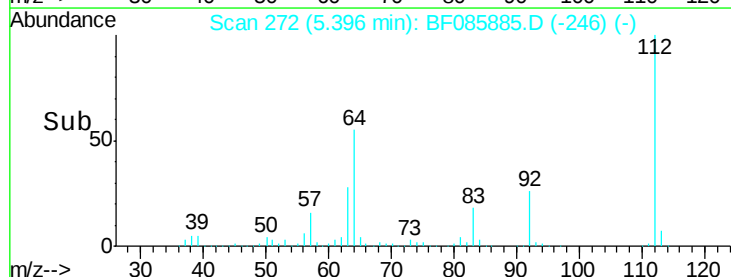
63 28.2 20.2 30.2

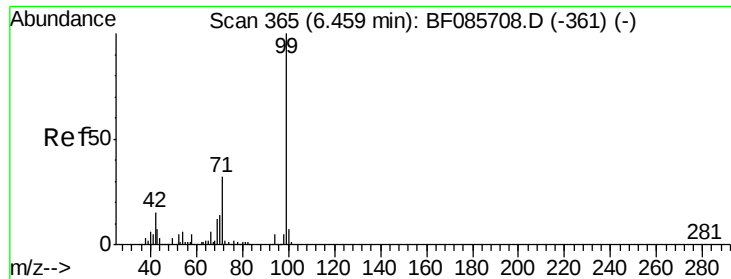


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.26 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB89280BL

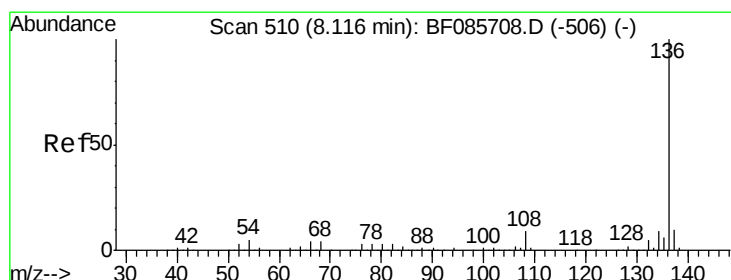
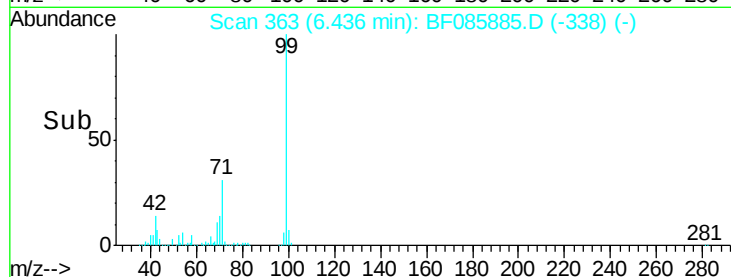
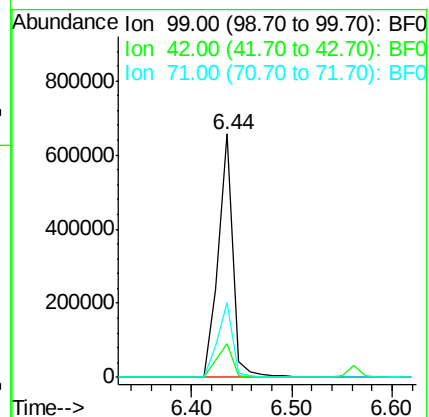
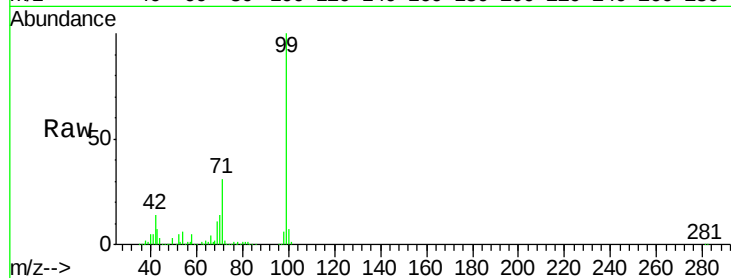
Tgt Ion: 99 Resp: 665844

Ion Ratio Lower Upper

99 100

42 13.7 11.1 16.7

71 30.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF085885.D

Acq: 30 Mar 2016 14:43

Tgt Ion: 136 Resp: 419719

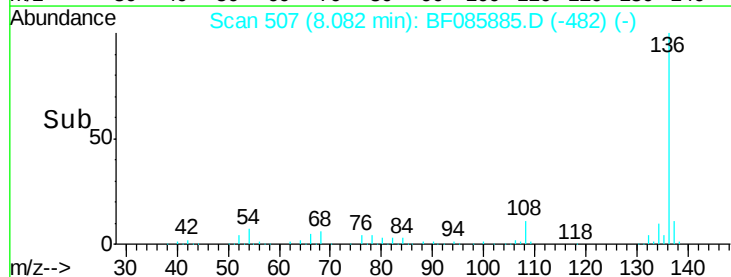
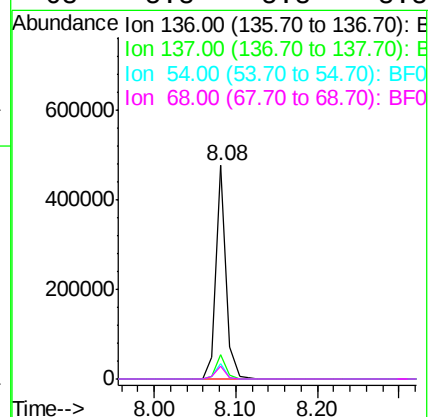
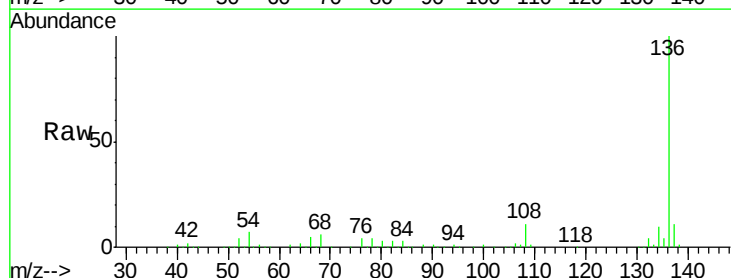
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 7.4 11.0#

68 5.8 5.8 8.8

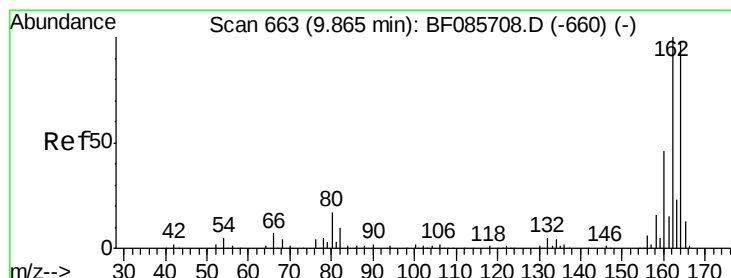
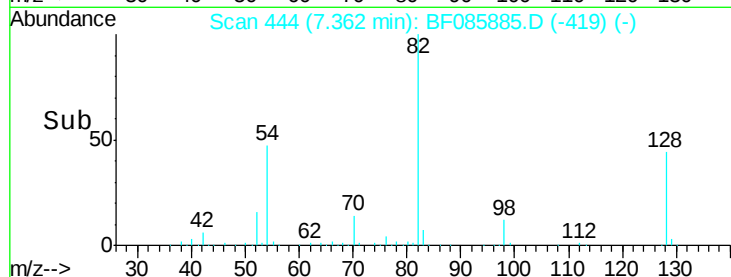
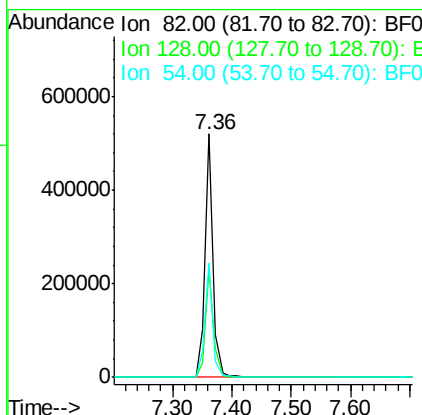
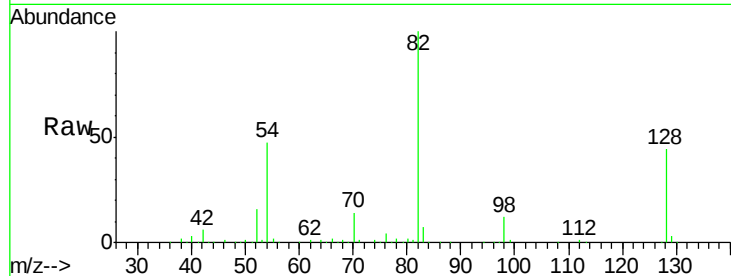




#23
 Nitrobenzene-d5
 Concen: 68.26 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

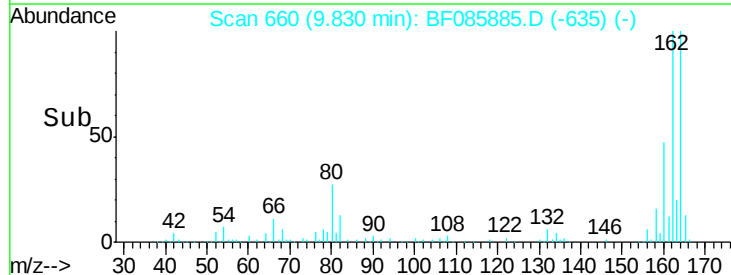
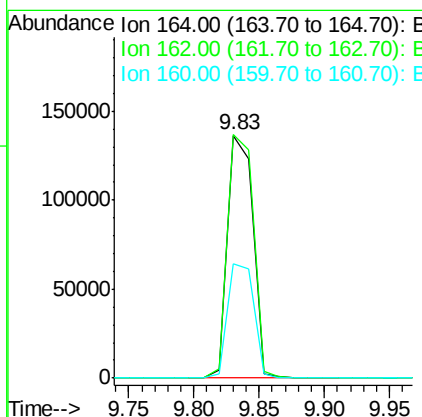
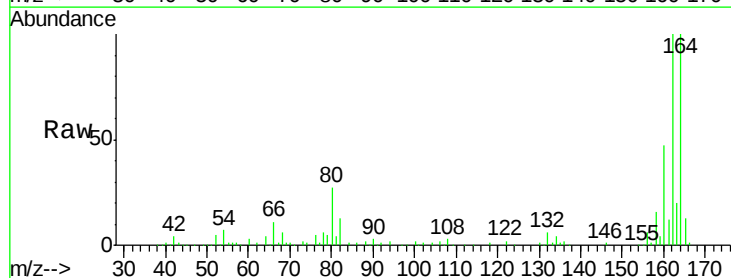
Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

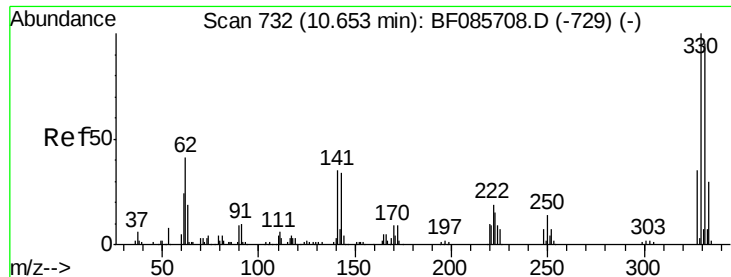
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	41.8	62.8
54	46.8	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.1	123.1
160	47.0	37.4	56.2

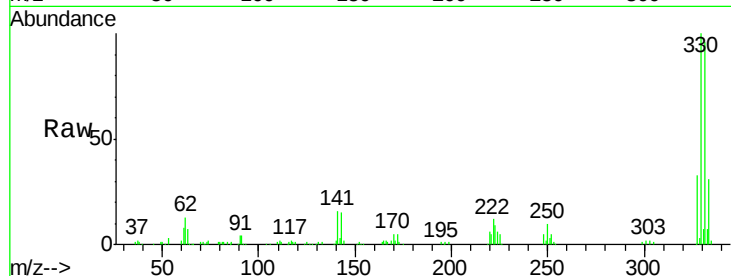




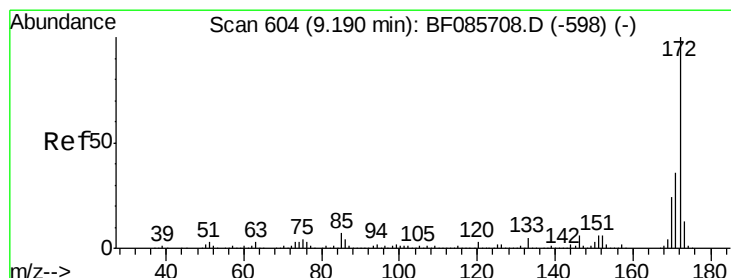
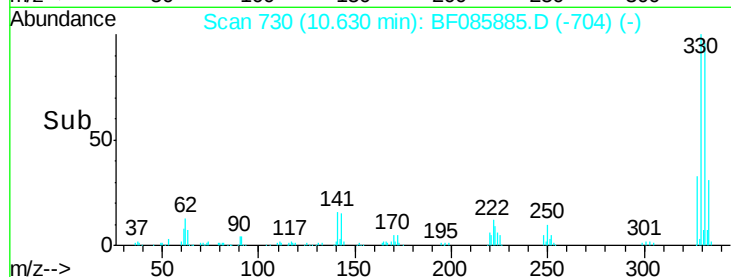
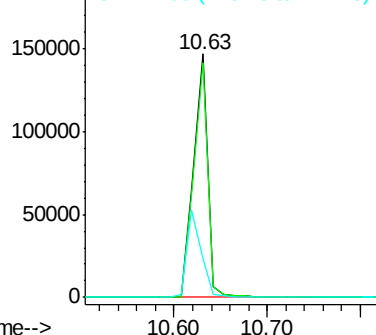
#41
 2,4,6-Tribromophenol
 Concen: 87.92 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.2	117.2
141	36.5	31.5	47.3

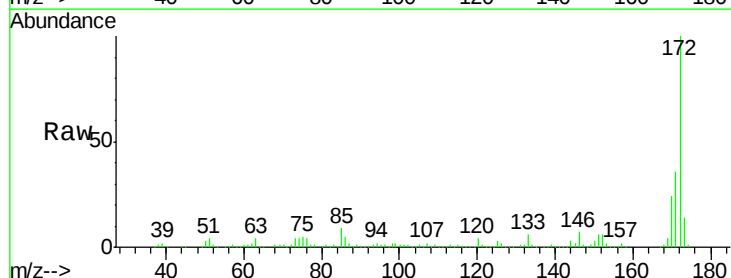


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

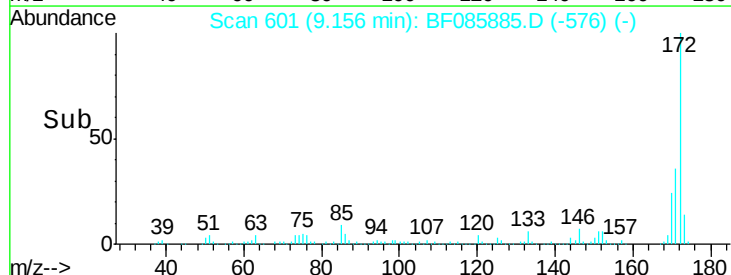
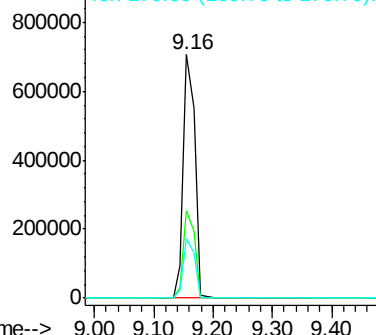


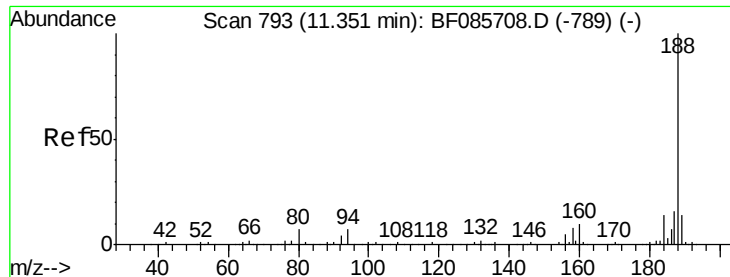
#44
 2-Fluorobiphenyl
 Concen: 85.35 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	24.4	19.8	29.6



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

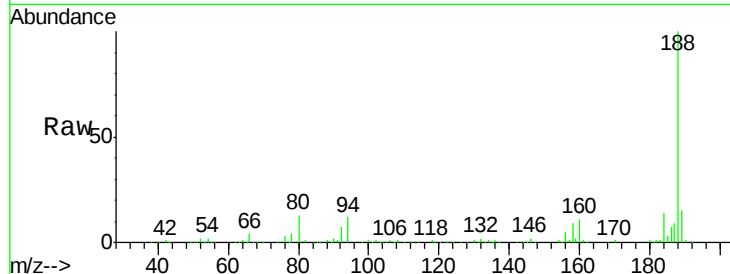




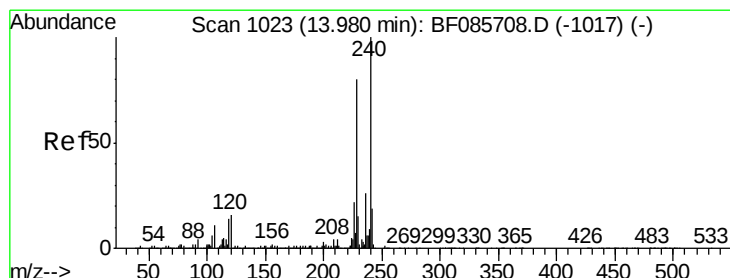
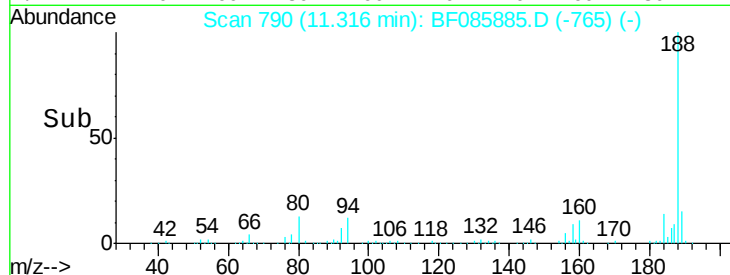
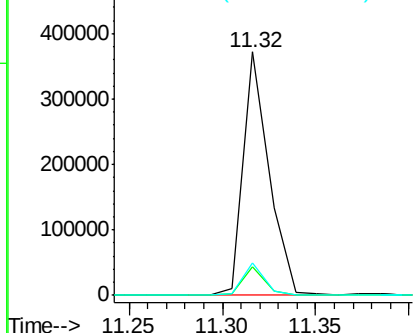
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB89280BL

Tgt Ion:188 Resp: 358556
Ion Ratio Lower Upper
188 100
94 11.8 5.4 8.0#
80 13.1 5.5 8.3#

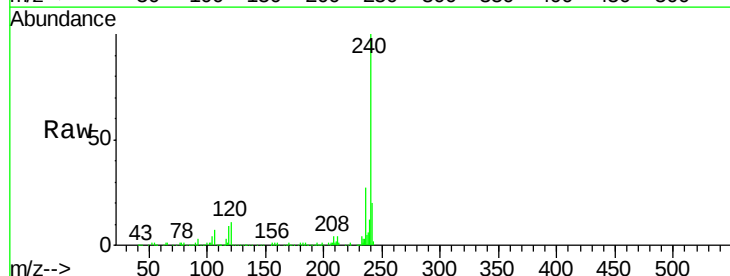


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

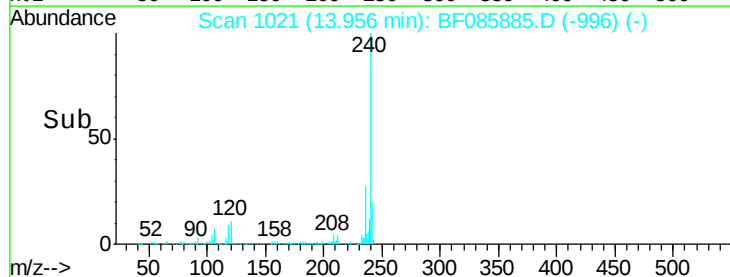
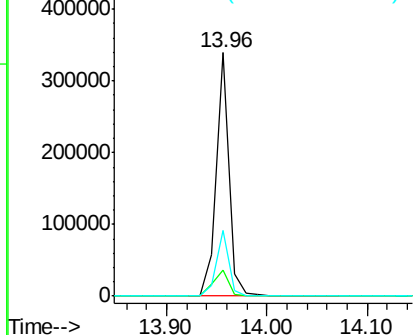


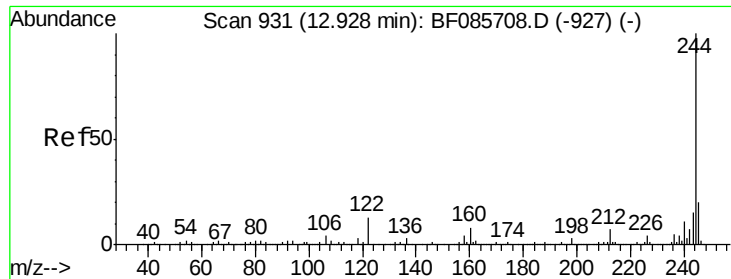
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085885.D
Acq: 30 Mar 2016 14:43

Tgt Ion:240 Resp: 300174
Ion Ratio Lower Upper
240 100
120 10.7 13.8 20.8#
236 26.7 20.6 30.8



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

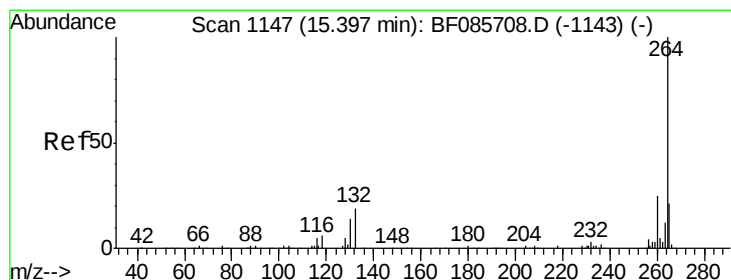
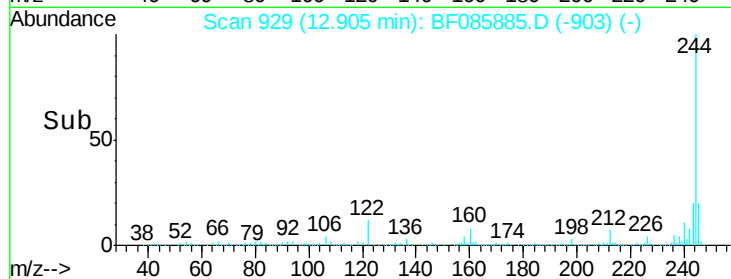
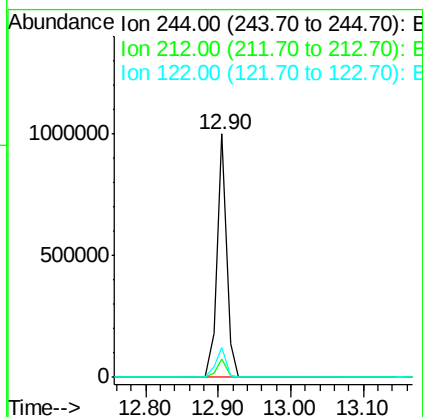
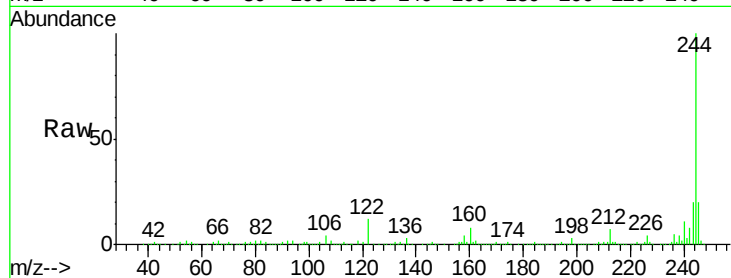




#78
 Terphenyl-d14
 Concen: 62.45 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89280BL

Tgt Ion:244 Resp: 911530
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 12.4 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085885.D
 Acq: 30 Mar 2016 14:43

Tgt Ion:264 Resp: 182981
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.4 29.2
 265 21.1 17.2 25.8

