

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085549.D
 Acq On : 19 Mar 2016 2:53
 Operator : UM/SJ
 Sample : PB88949TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88949TB

Quant Time: Mar 19 03:48:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130235	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	553462	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	242630	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	516141	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	418491	20.00	ng	-0.01
86) Perylene-d12	15.43	264	366090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1000284	129.01	ng	0.01
7) Phenol-d6	6.48	99	1207808	121.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	779028	81.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	325016	136.75	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1196497	83.83	ng	-0.01
78) Terphenyl-d14	12.96	244	1292293	74.31	ng	0.00

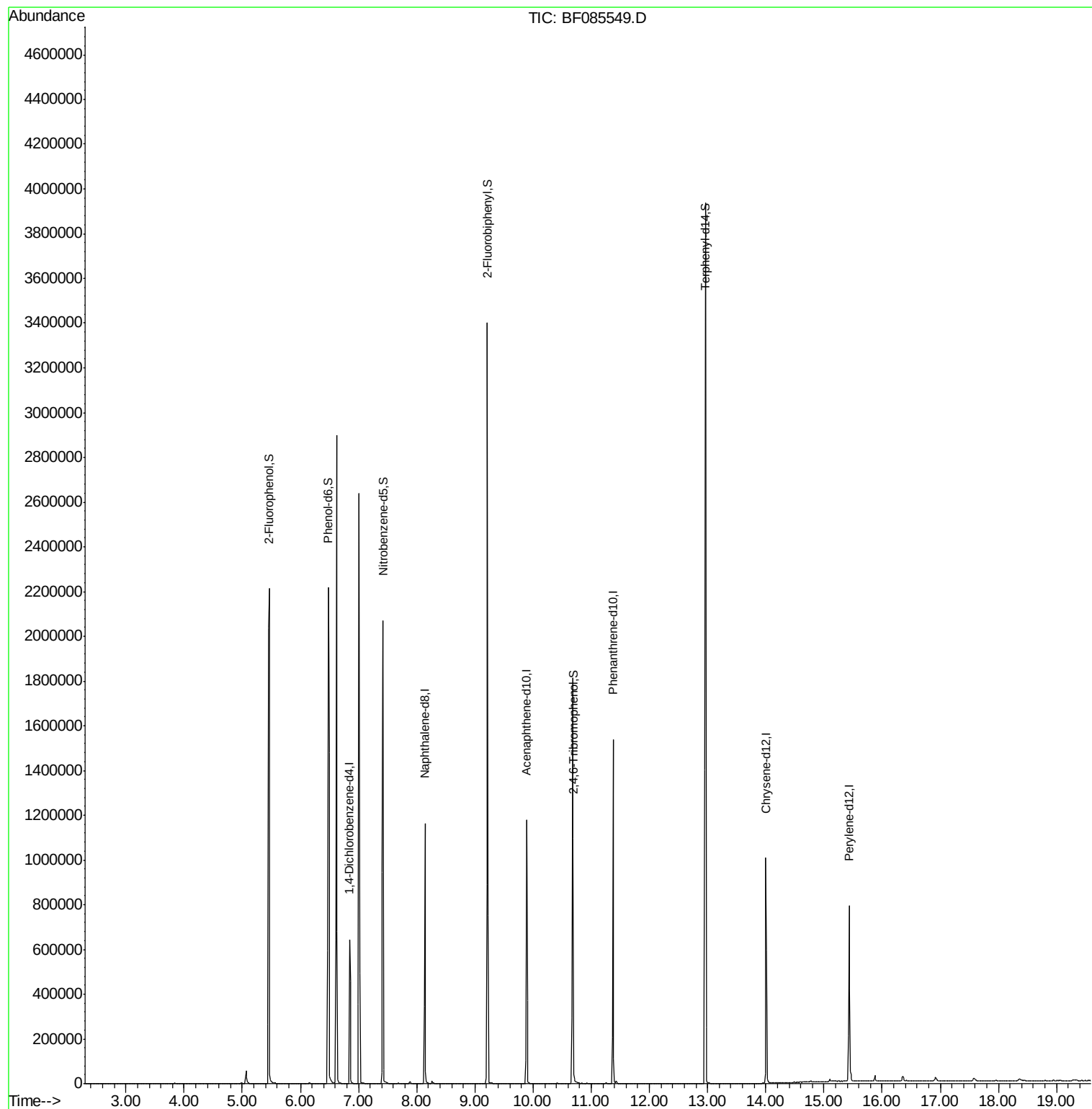
Target Compounds	Qvalue
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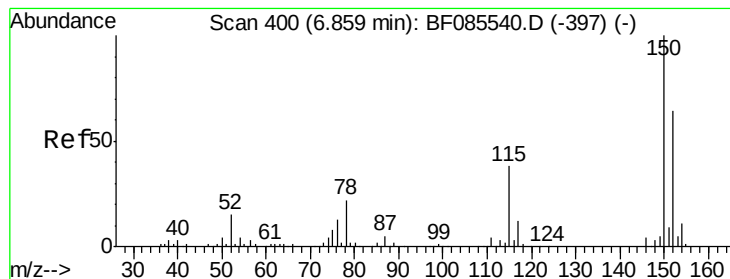
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

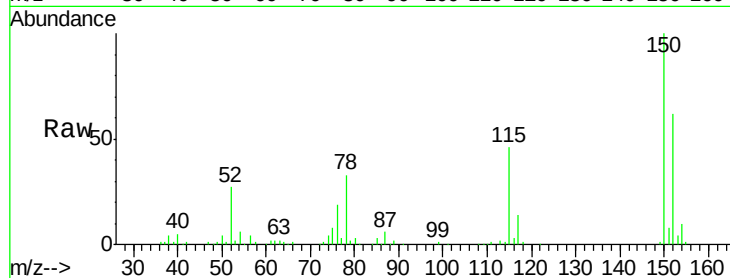
Tgt Ion:152 Resp: 130235

Ion Ratio Lower Upper

152 100

150 161.9 124.2 186.2

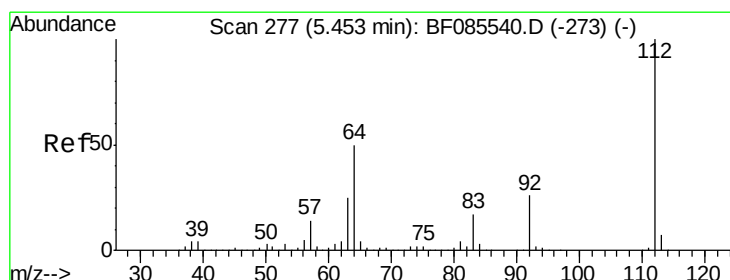
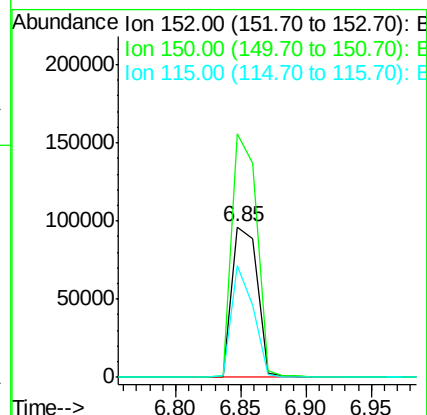
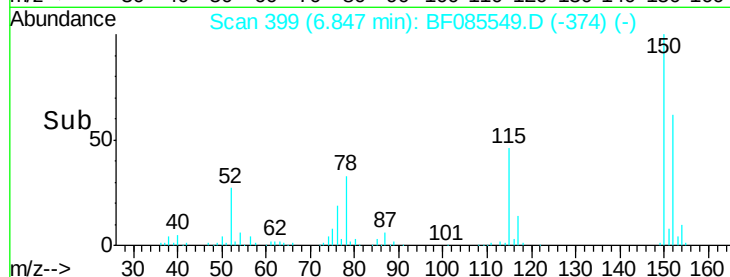
115 74.4 47.0 70.6#



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: 129.01 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

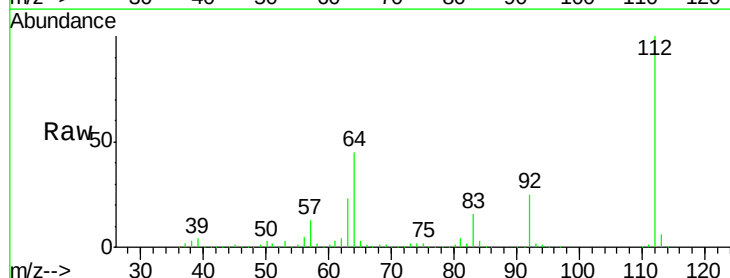
Tgt Ion:112 Resp: 1000284

Ion Ratio Lower Upper

112 100

64 45.2 39.9 59.9

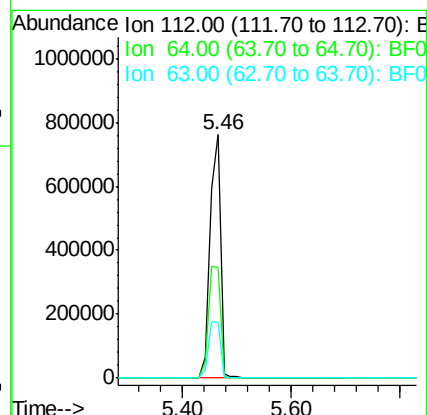
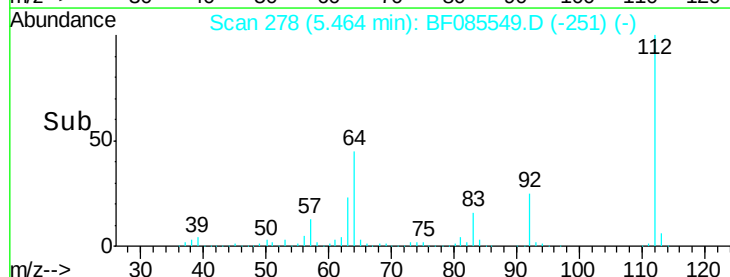
63 22.6 20.2 30.2

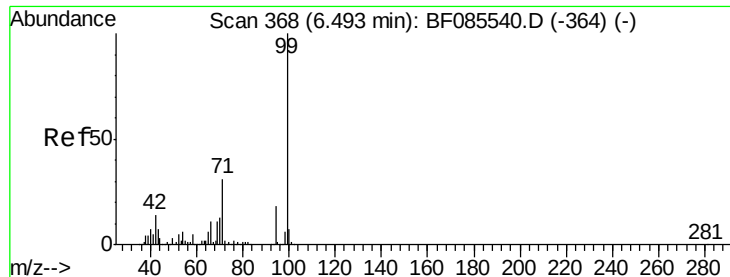


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.46 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Instrument :

BNA_F

ClientSampleId :

PB88949TB

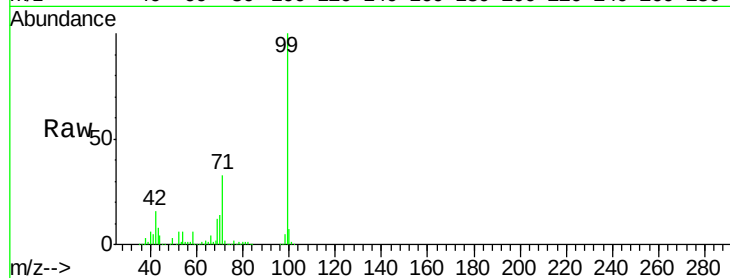
Tgt Ion: 99 Resp: 1207808

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

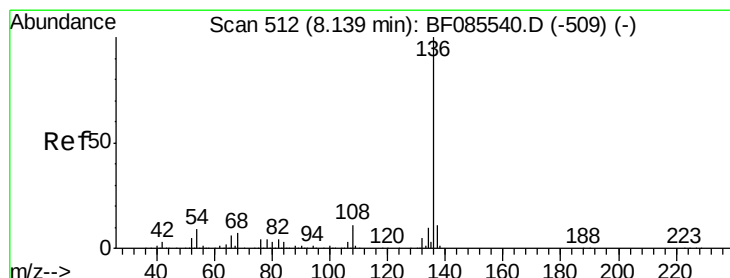
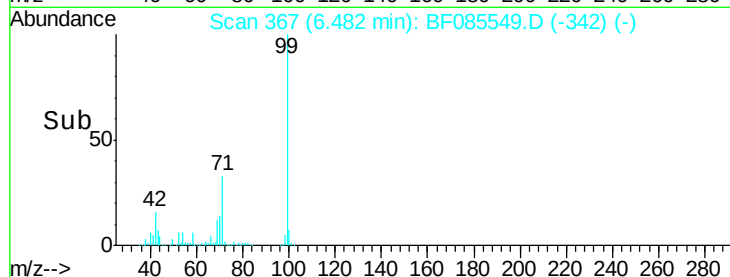
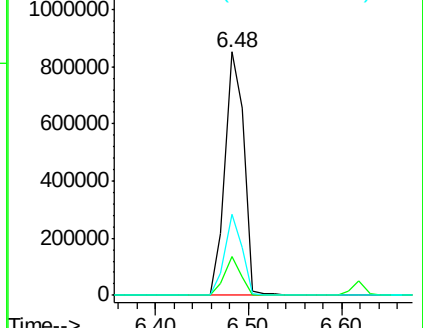
71 33.4 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085549.D

Acq: 19 Mar 2016 2:53

Tgt Ion: 136 Resp: 553462

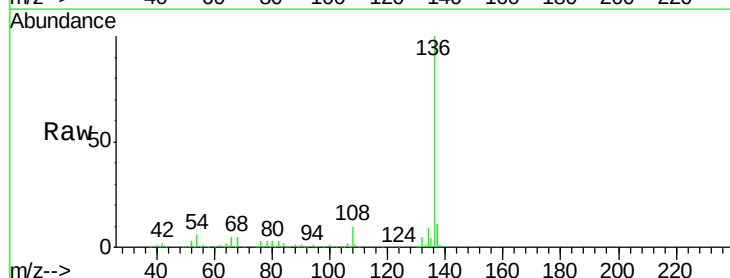
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.2 7.4 11.0#

68 5.4 5.8 8.8#

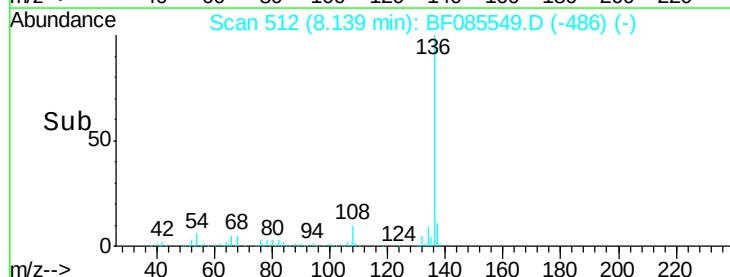
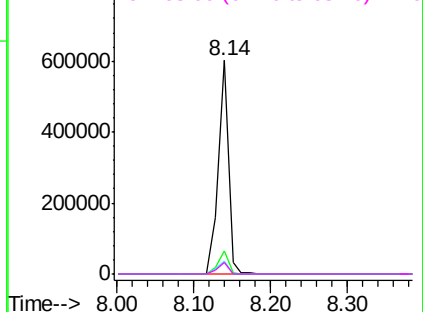


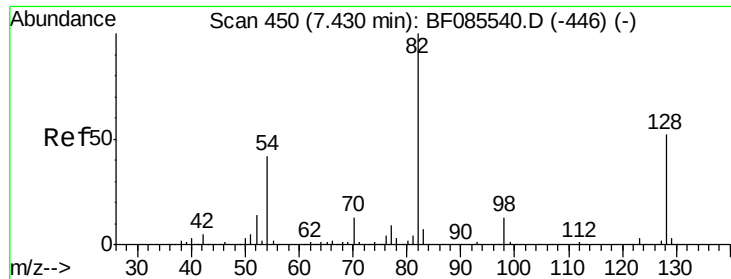
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

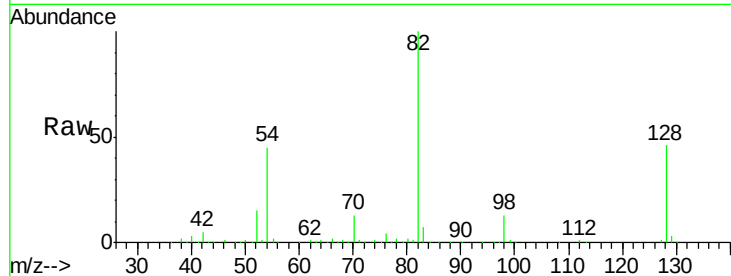




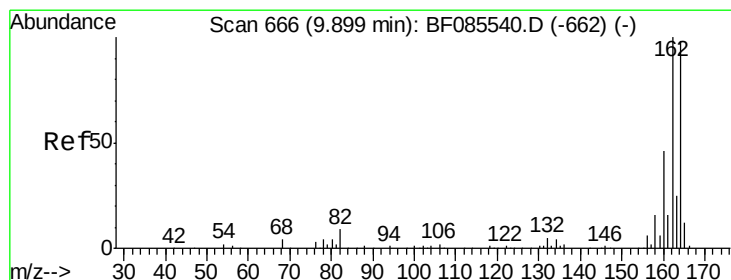
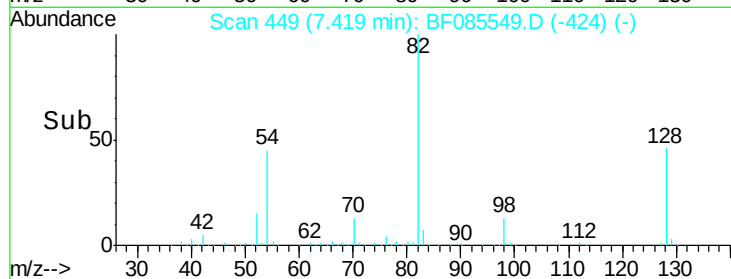
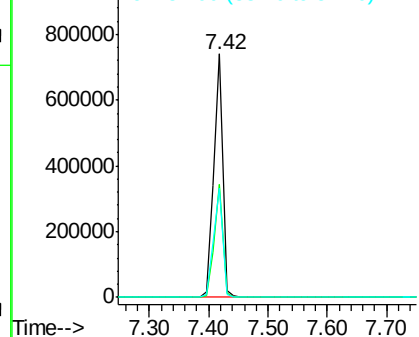
#23
 Nitrobenzene-d5
 Concen: 81.70 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampled :
 PB88949TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	41.8	62.8
54	44.9	33.4	50.0

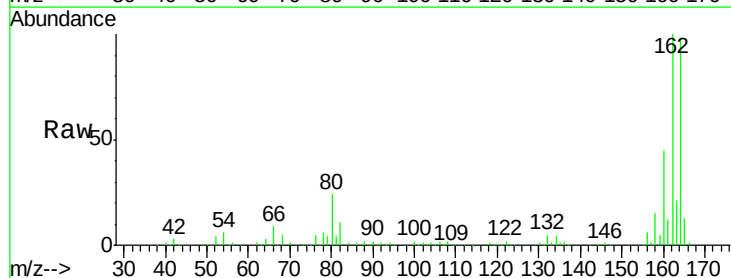


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

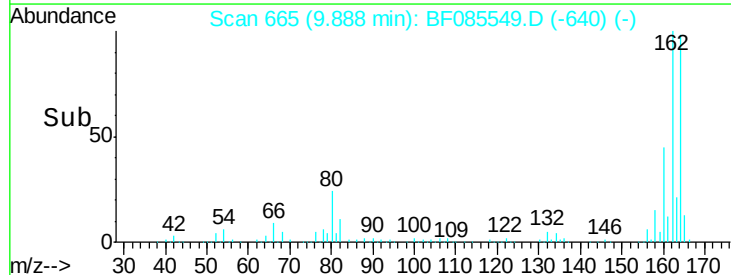
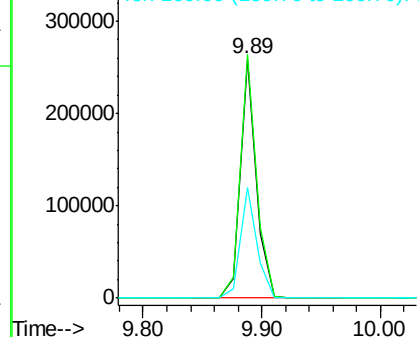


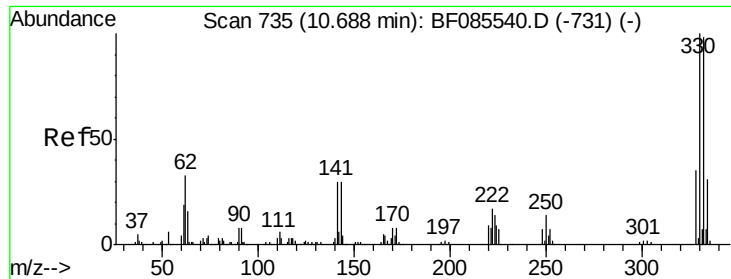
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	46.1	37.4	56.2



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

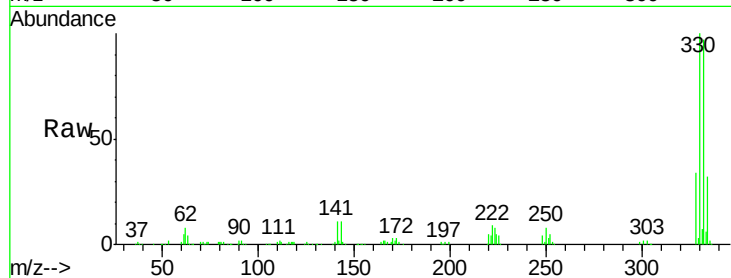




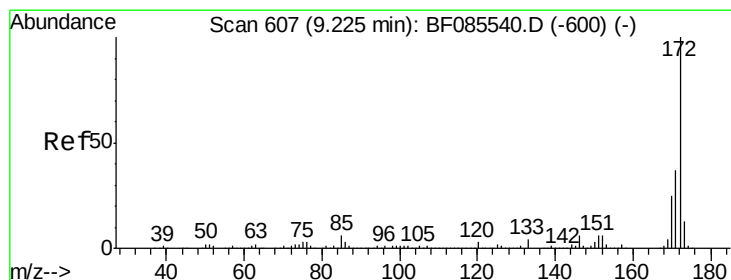
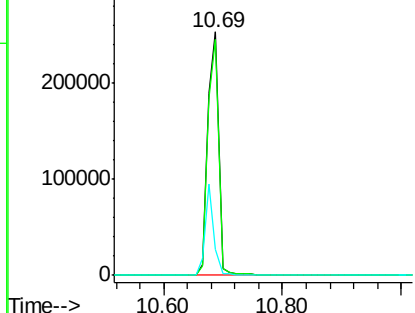
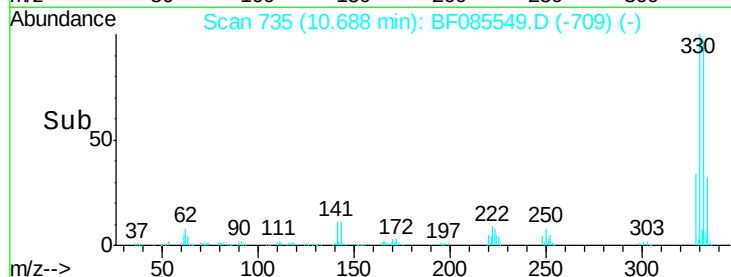
#41
 2,4,6-Tribromophenol
 Concen: 136.75 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88949TB

Tgt Ion:330 Resp: 325016
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 31.1 31.5 47.3#

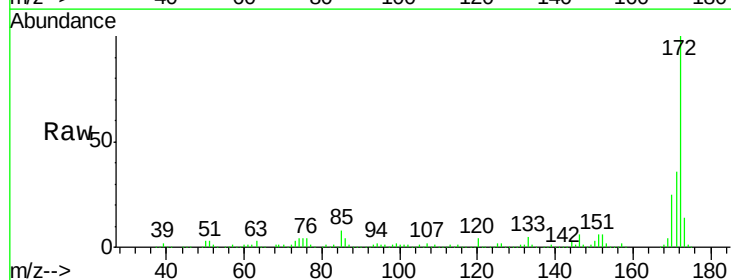


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

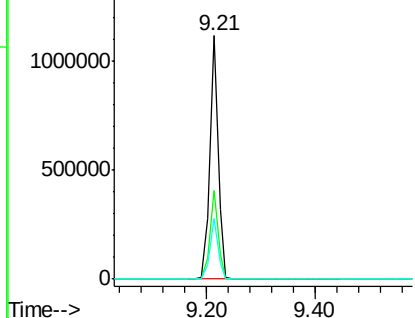
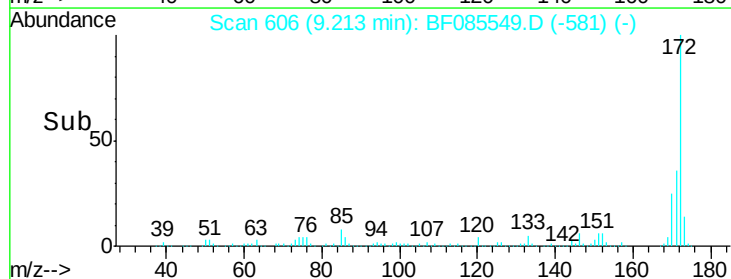


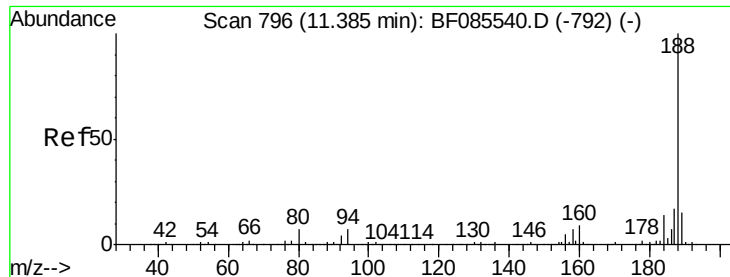
#44
 2-Fluorobiphenyl
 Concen: 83.83 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Tgt Ion:172 Resp: 1196497
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.8 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

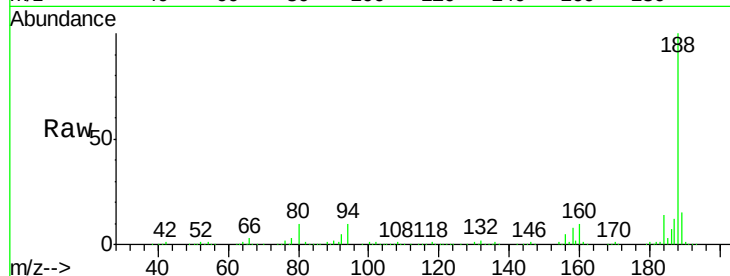




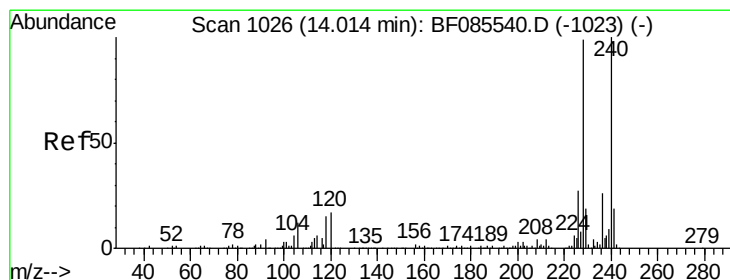
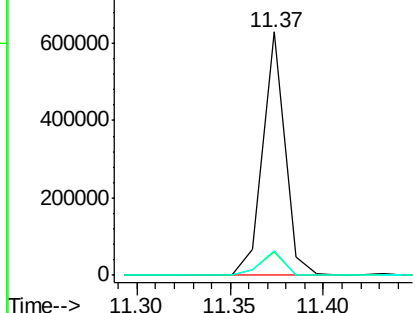
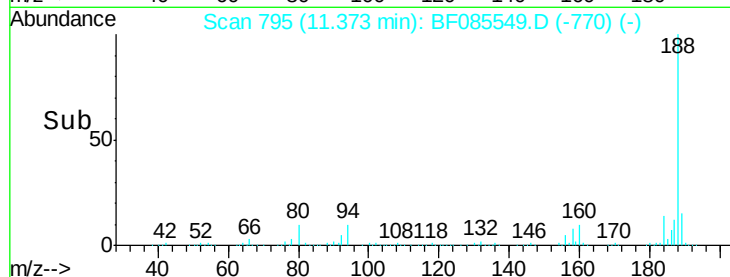
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Instrument :
BNA_F
ClientSampleId :
PB88949TB

Tgt Ion:188 Resp: 516141
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 10.2 5.5 8.3#

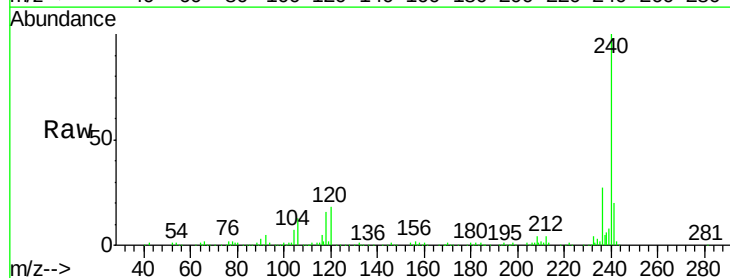


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

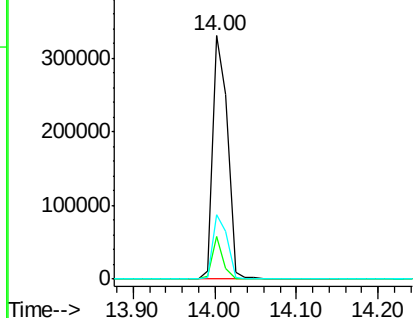
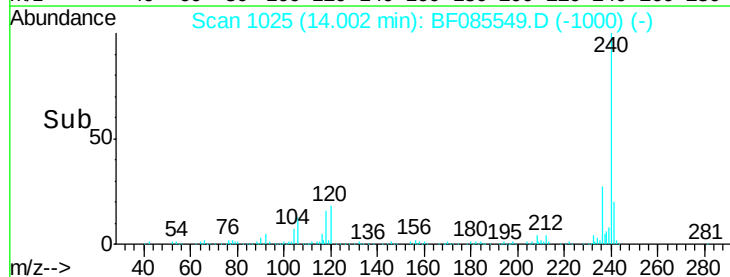


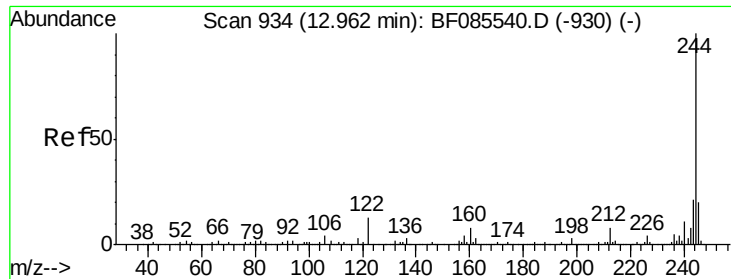
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085549.D
Acq: 19 Mar 2016 2:53

Tgt Ion:240 Resp: 418491
Ion Ratio Lower Upper
240 100
120 17.7 13.8 20.8
236 26.6 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

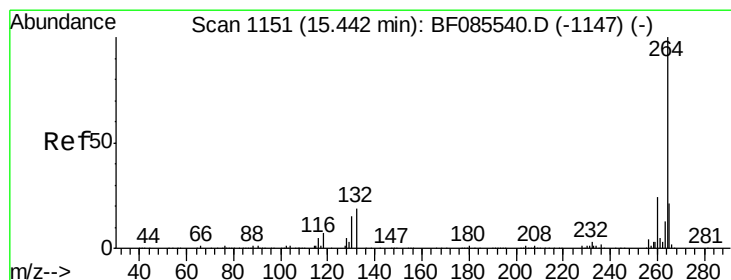
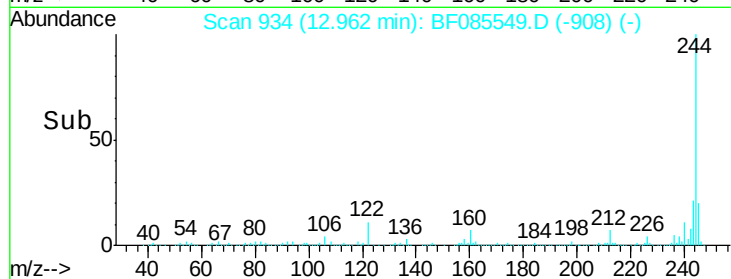
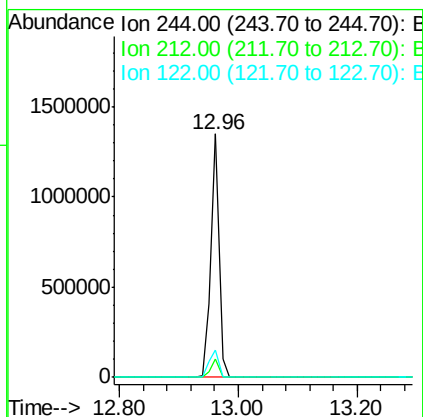
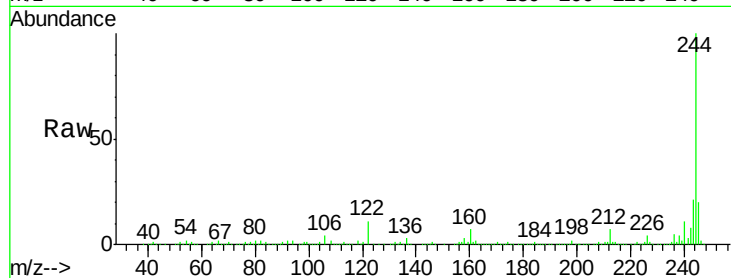




#78
 Terphenyl-d14
 Concen: 74.31 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 PB88949TB

Tgt Ion:244 Resp: 1292293
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.3 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085549.D
 Acq: 19 Mar 2016 2:53

Tgt Ion:264 Resp: 366090
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 22.1 17.2 25.8

