

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085631.D
 Acq On : 21 Mar 2016 19:30
 Operator : UM/SJ
 Sample : H1841-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL(3-5)

Quant Time: Mar 22 02:04:39 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

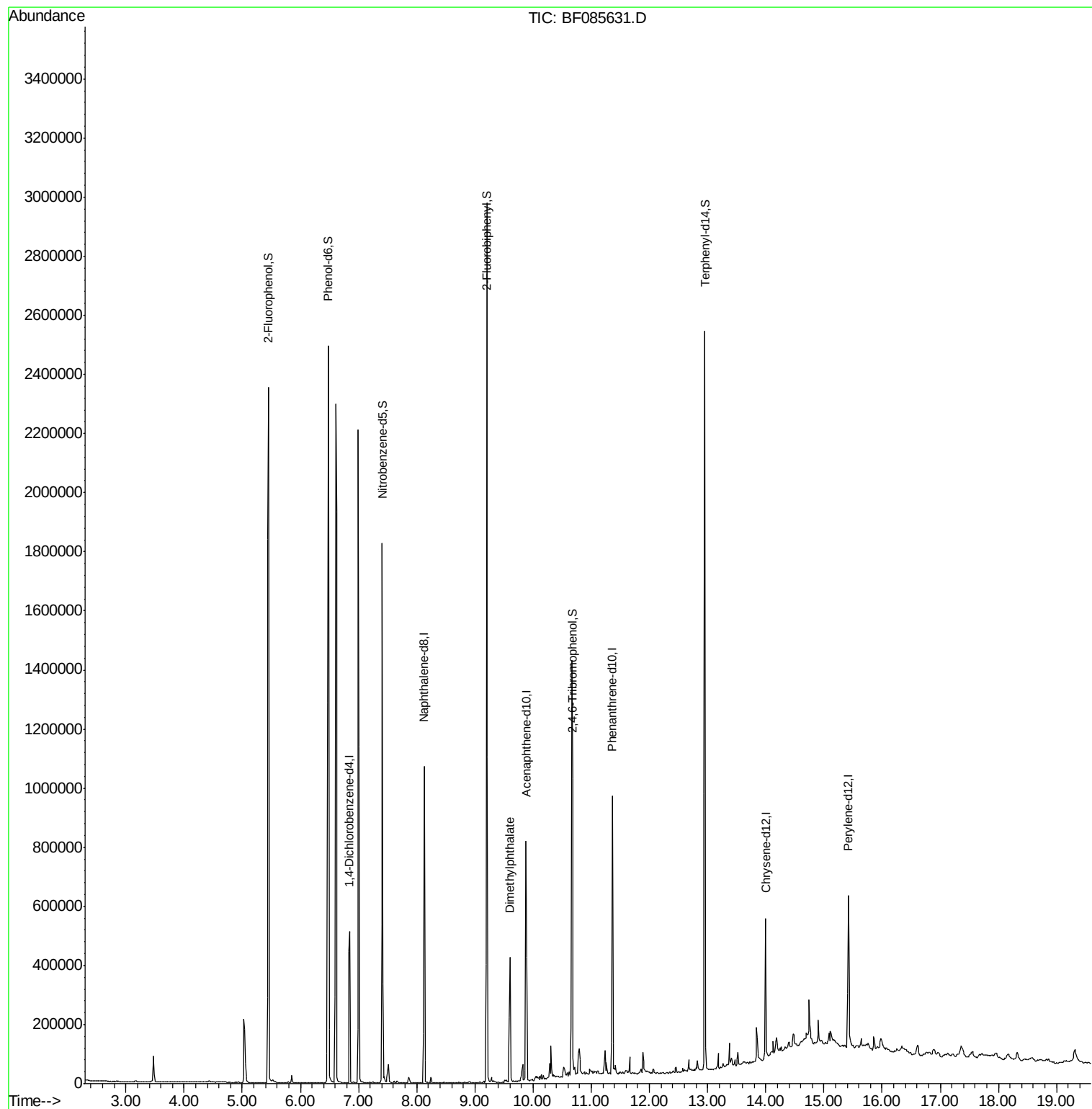
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	114801	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	463968	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	182218	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	318354	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	227788	20.00	ng	-0.01
86) Perylene-d12	15.42	264	227647	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	982101	143.69	ng	0.00
7) Phenol-d6	6.48	99	1076191	122.77	ng	-0.01
23) Nitrobenzene-d5	7.41	82	671642	84.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	263167	147.44	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1082139	108.90	ng	-0.02
78) Terphenyl-d14	12.95	244	816492	86.25	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.60	163	210151	15.28	ng	Qvalue 98

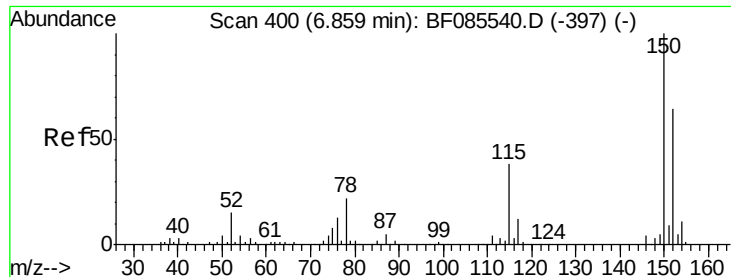
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

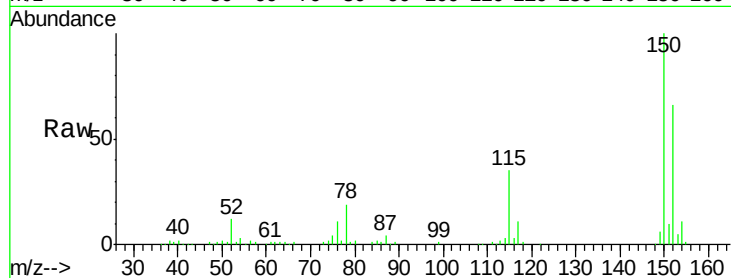
Tgt Ion:152 Resp: 114801

Ion Ratio Lower Upper

152 100

150 151.0 124.2 186.2

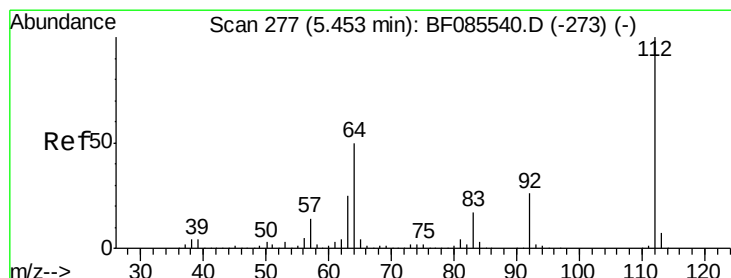
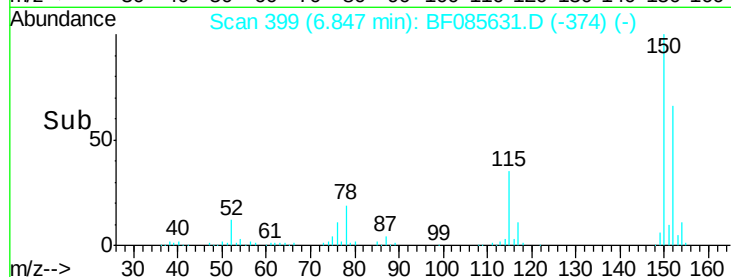
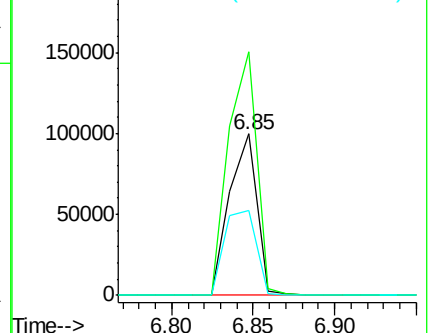
115 52.3 47.0 70.6



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: 143.69 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

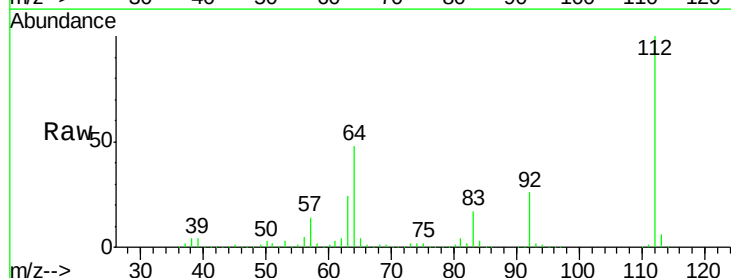
Tgt Ion:112 Resp: 982101

Ion Ratio Lower Upper

112 100

64 47.7 39.9 59.9

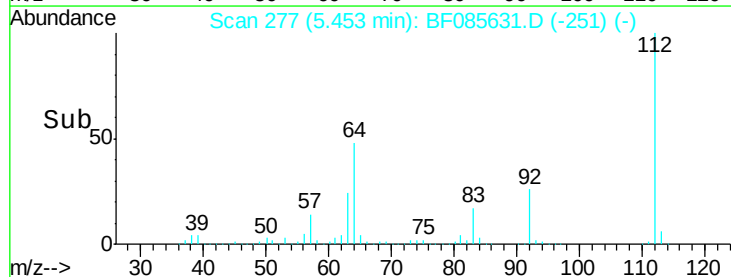
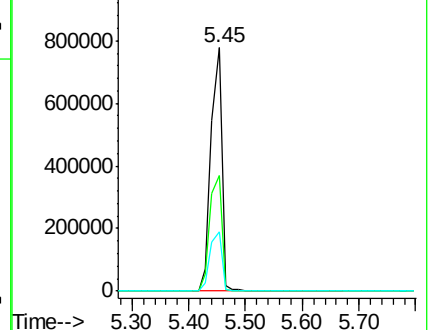
63 24.2 20.2 30.2

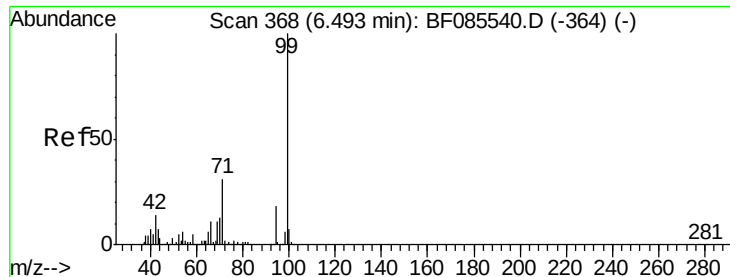


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.77 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

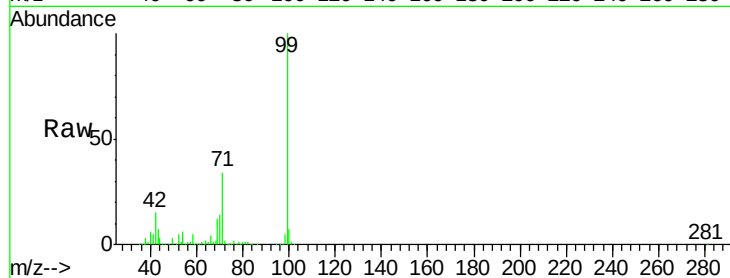
Tgt Ion: 99 Resp: 1076191

Ion Ratio Lower Upper

99 100

42 14.9 11.1 16.7

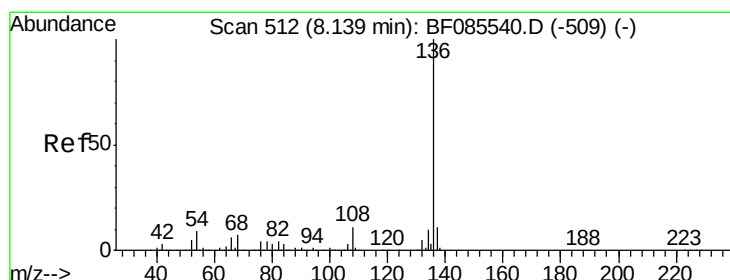
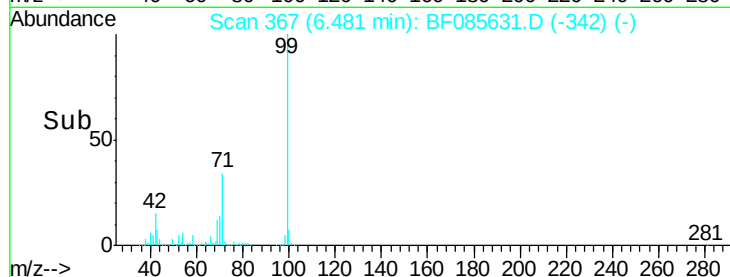
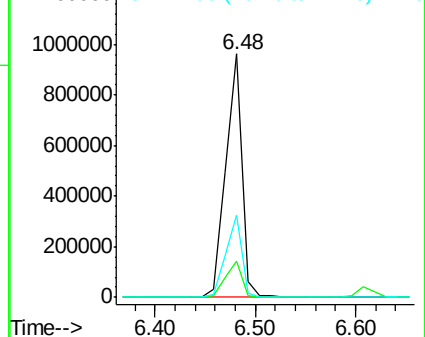
71 34.1 24.9 37.3



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Tgt Ion: 136 Resp: 463968

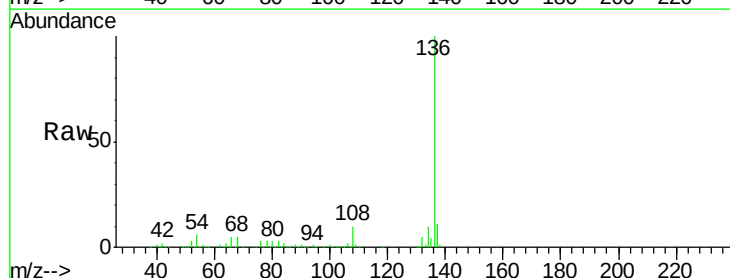
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.3 7.4 11.0#

68 5.5 5.8 8.8#

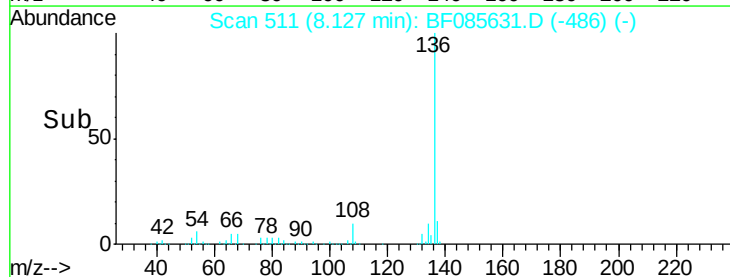
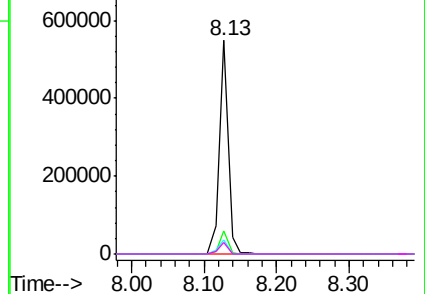


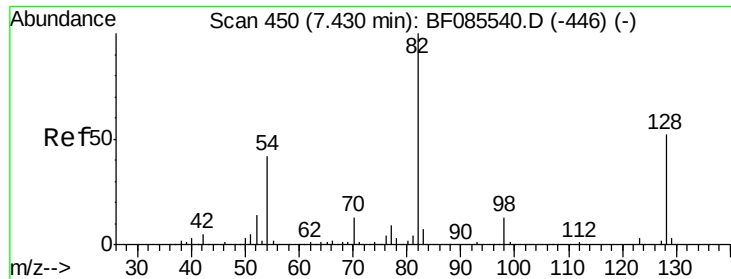
Abundance Ion 136.00 (135.70 to 136.70): E

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

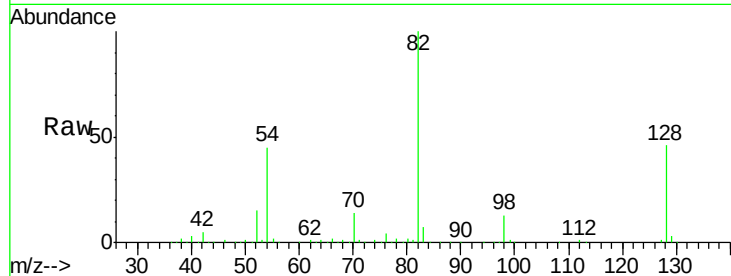




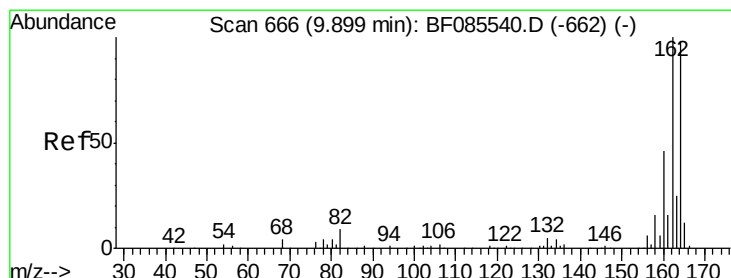
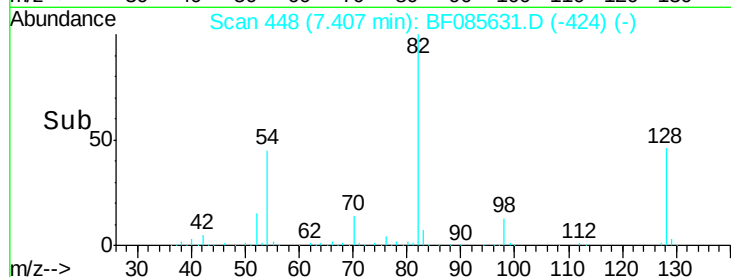
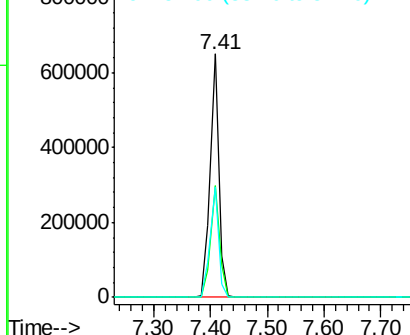
#23
 Nitrobenzene-d5
 Concen: 84.03 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085631.D
 Acq: 21 Mar 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL(3-5)

Tgt Ion: 82 Resp: 671642
 Ion Ratio Lower Upper
 82 100
 128 45.7 41.8 62.8
 54 45.5 33.4 50.0

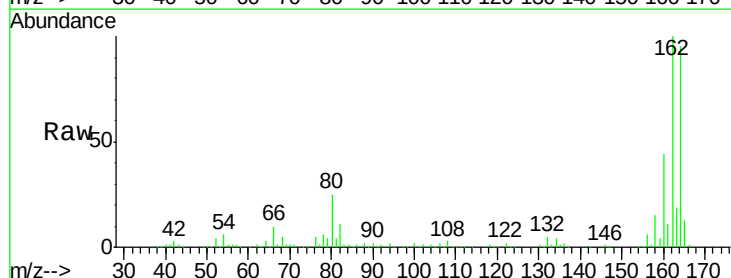


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

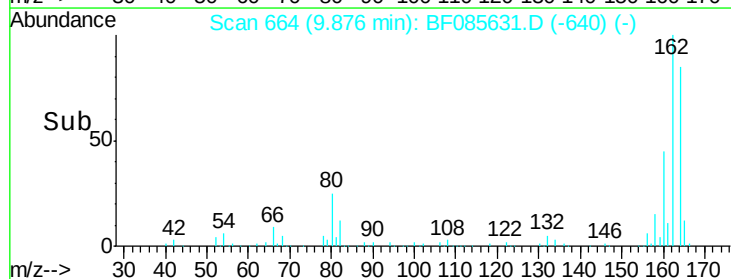
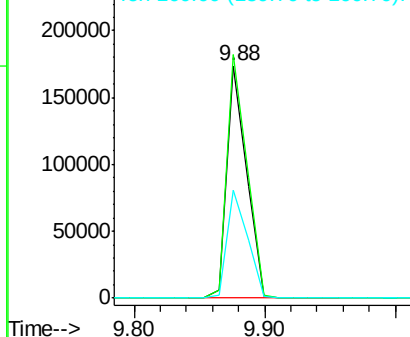


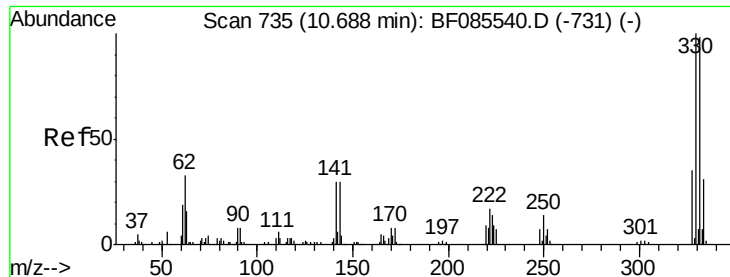
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085631.D
 Acq: 21 Mar 2016 19:30

Tgt Ion:164 Resp: 182218
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.1 123.1
 160 46.5 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

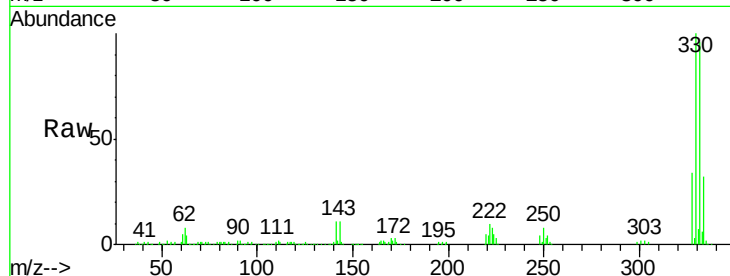




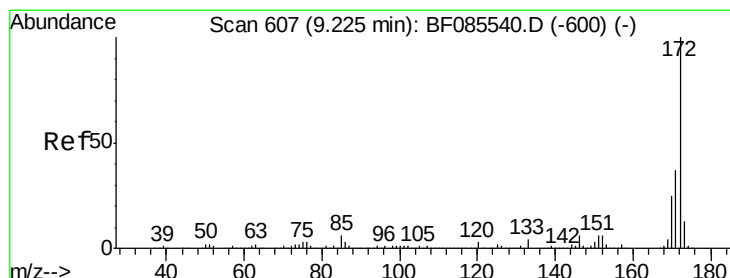
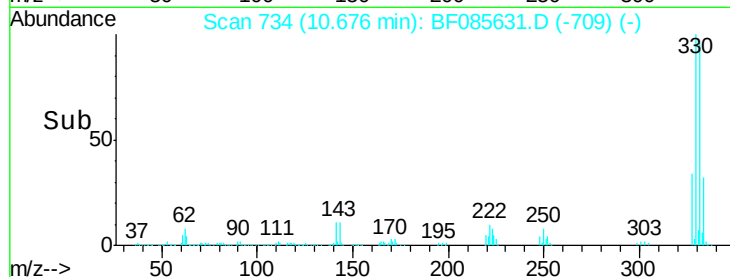
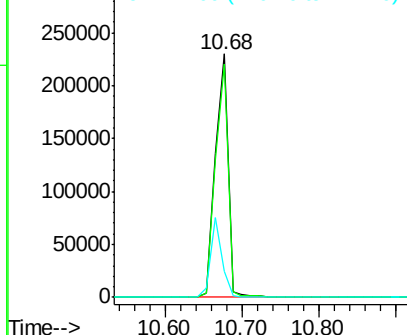
#41
 2,4,6-Tribromophenol
 Concen: 147.44 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085631.D
 Acq: 21 Mar 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-WALL(3-5)

Tgt Ion:330 Resp: 263167
 Ion Ratio Lower Upper
 330 100
 332 95.7 78.2 117.2
 141 29.9 31.5 47.3#

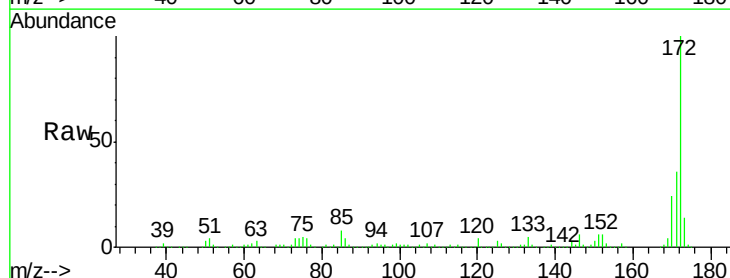


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

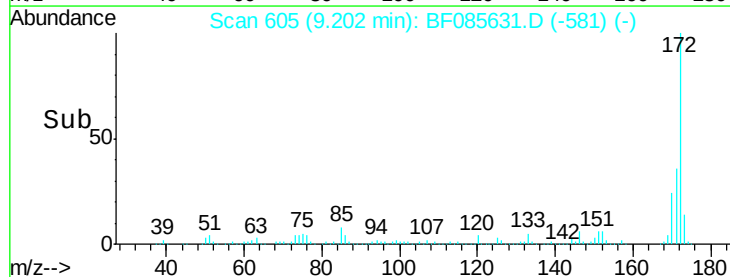
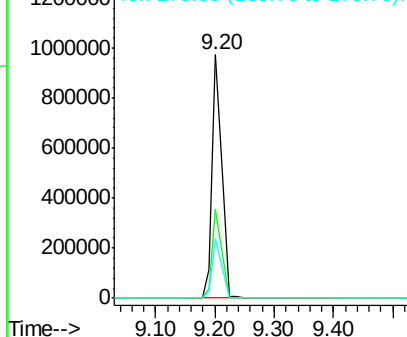


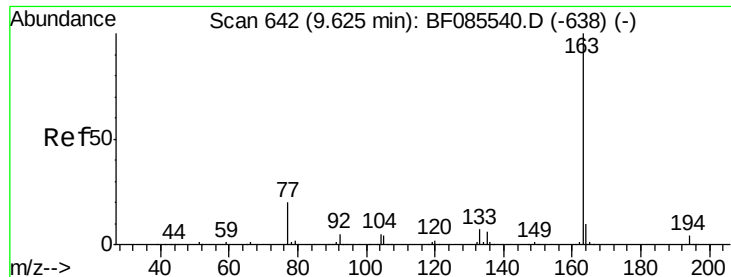
#44
 2-Fluorobiphenyl
 Concen: 108.90 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085631.D
 Acq: 21 Mar 2016 19:30

Tgt Ion:172 Resp: 1082139
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.5 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





#49

Dimethylphthalate

Concen: 15.28 ng

RT: 9.60 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

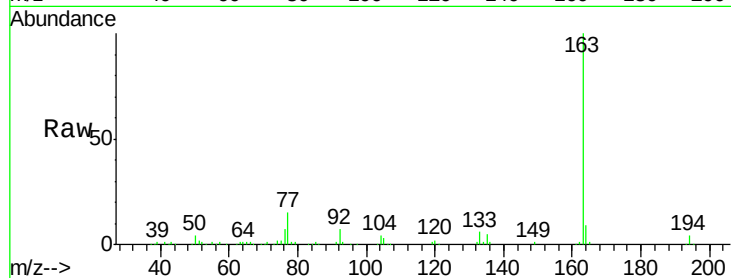
Tgt Ion:163 Resp: 210151

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

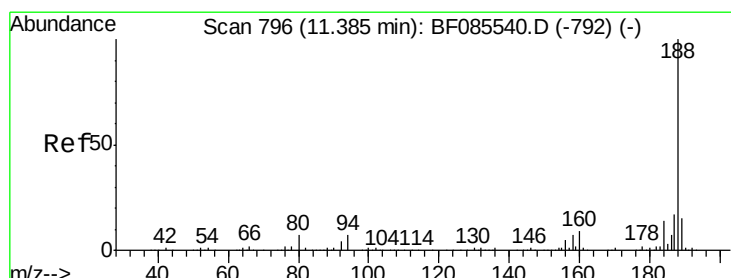
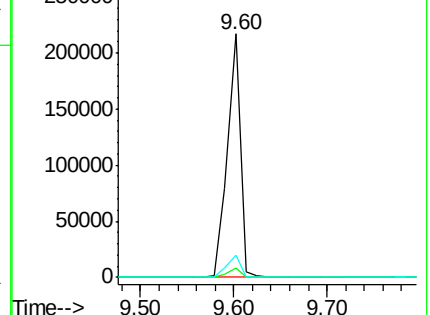
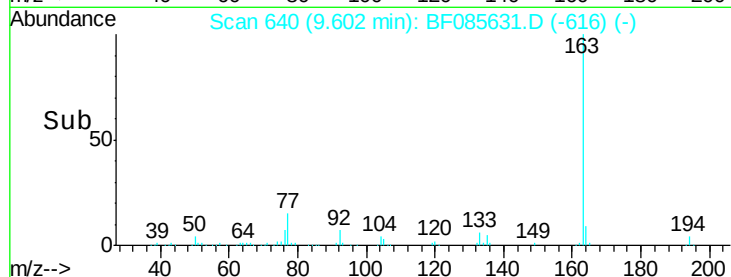
164 9.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

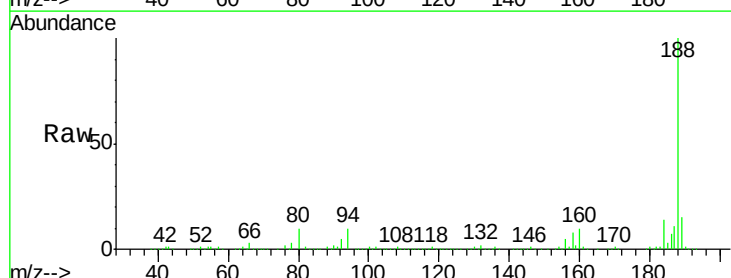
Tgt Ion:188 Resp: 318354

Ion Ratio Lower Upper

188 100

94 9.5 5.4 8.0#

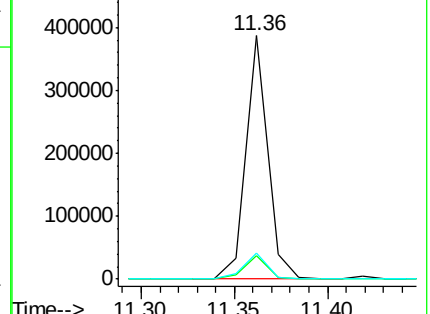
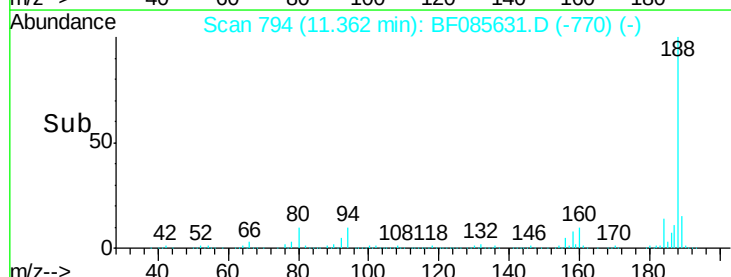
80 10.5 5.5 8.3#

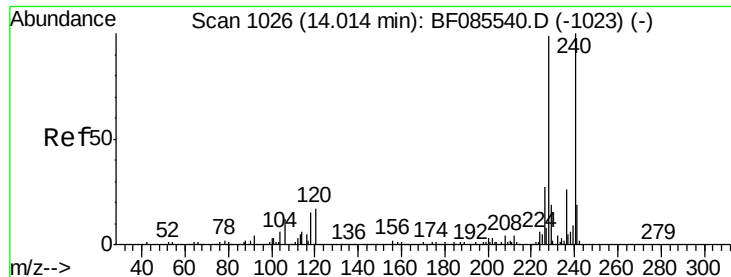


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085631.D

Acq: 21 Mar 2016 19:30

Instrument :

BNA_F

ClientSampleId :

NORTH-WALL(3-5)

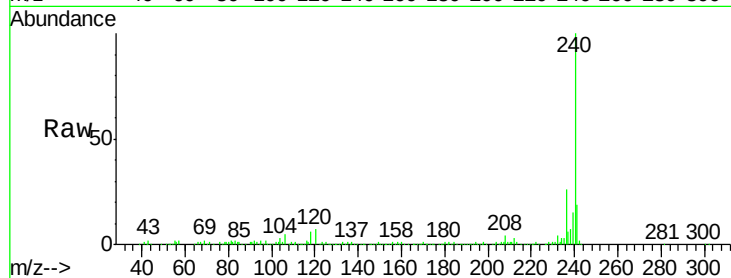
Tgt Ion:240 Resp: 227788

Ion Ratio Lower Upper

240 100

120 7.4 13.8 20.8#

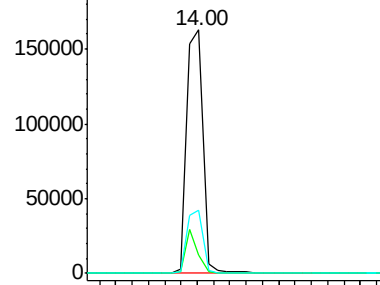
236 25.7 20.6 30.8



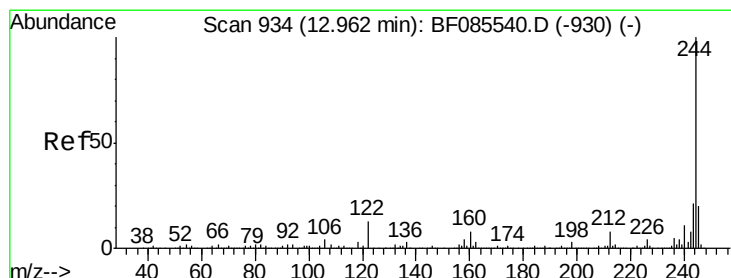
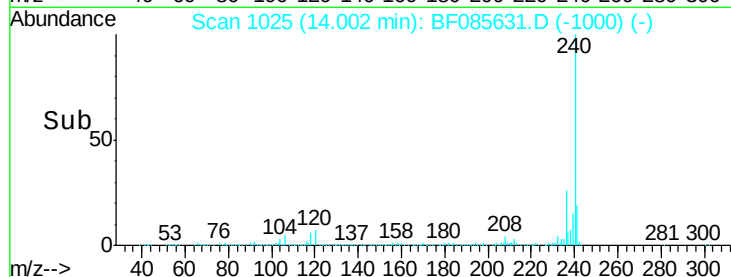
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 86.25 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085631.D

Acq: 21 Mar 2016 19:30

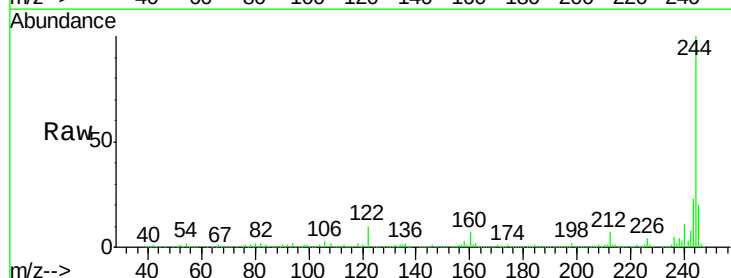
Tgt Ion:244 Resp: 816492

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

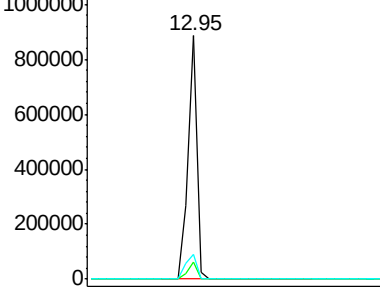
122 10.0 10.2 15.4#



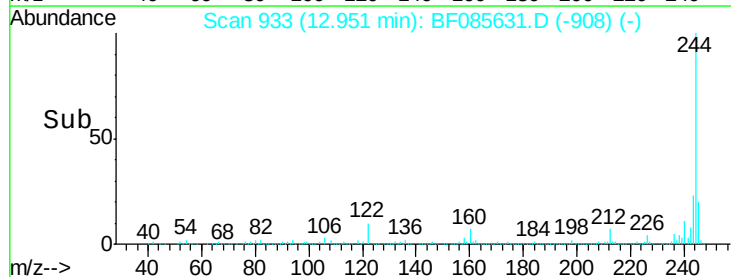
Abundance Ion 244.00 (243.70 to 244.70): E

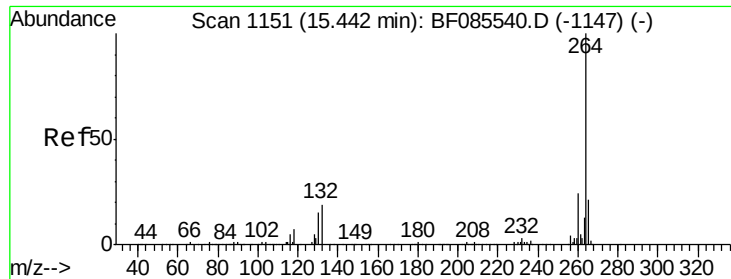
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00 13.10

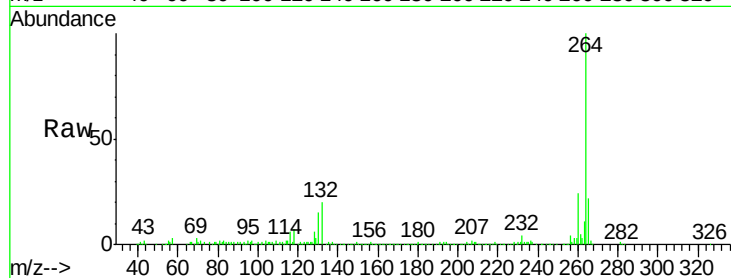




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085631.D
Acq: 21 Mar 2016 19:30

Instrument :
BNA_F
ClientSampleId :
NORTH-WALL(3-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.0	17.2	25.8



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

