

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085433.D
 Acq On : 14 Mar 2016 17:14
 Operator : UM/SJ
 Sample : H1760-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Quant Time: Mar 15 02:31:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

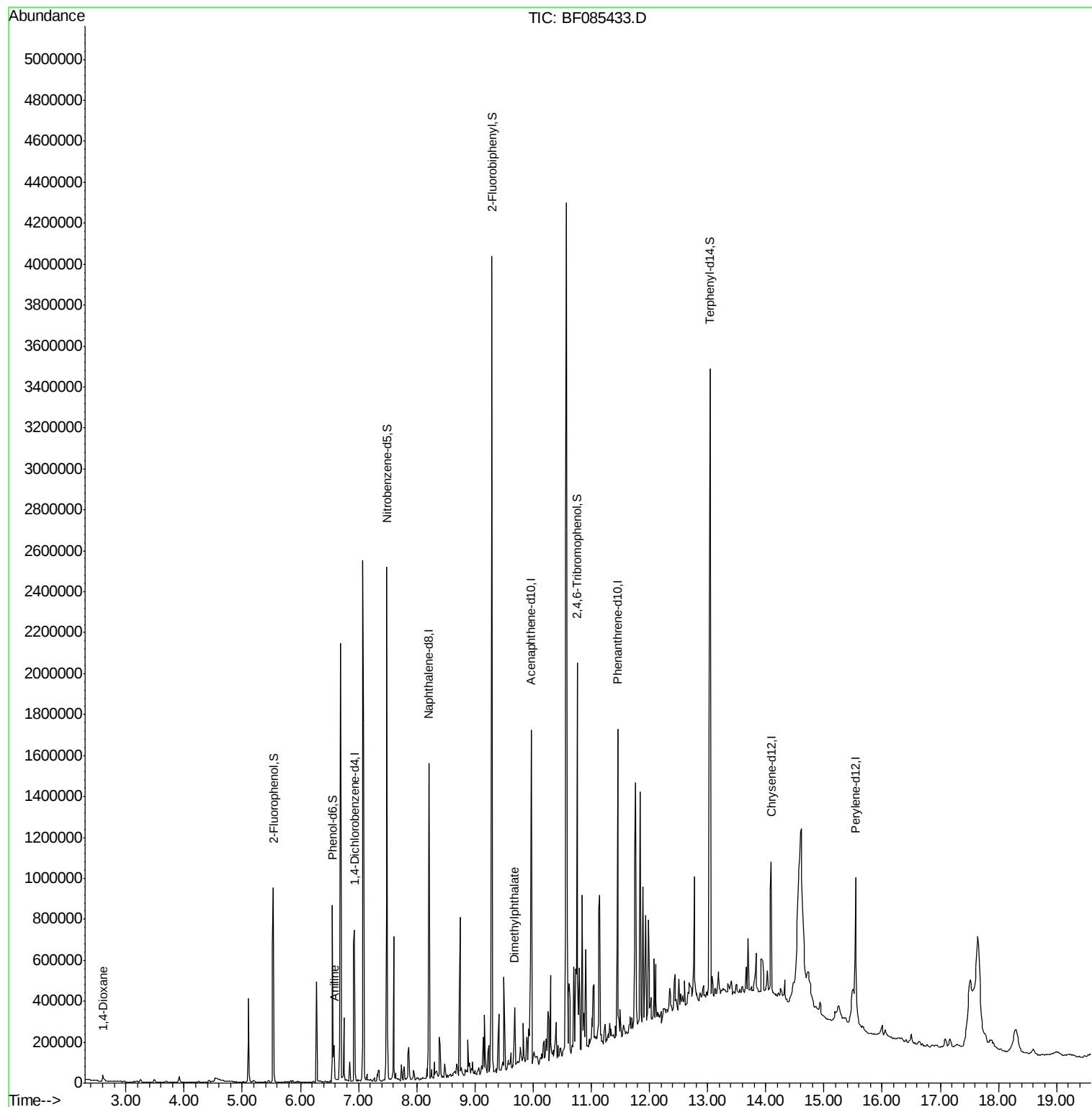
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	163340	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	642769	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	304937	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	550936	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	298639	20.00	ng	-0.06
86) Perylene-d12	15.55	264	272767	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	351222	36.07	ng	-0.05
7) Phenol-d6	6.55	99	287268	22.52	ng	-0.06
23) Nitrobenzene-d5	7.49	82	884932	73.67	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	210156	80.54	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1641871	81.89	ng	-0.06
78) Terphenyl-d14	13.04	244	1197373	93.08	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	18182	3.65	ng	97
6) Aniline	6.58	93	94530	5.29	ng	92
49) Dimethylphthalate	9.68	163	116540	4.98	ng	99

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

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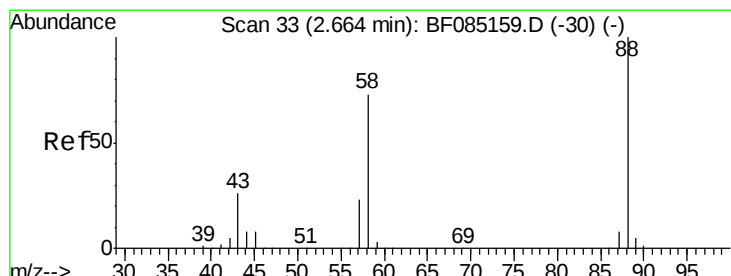
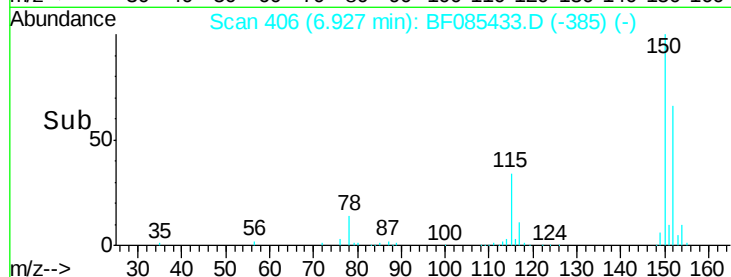
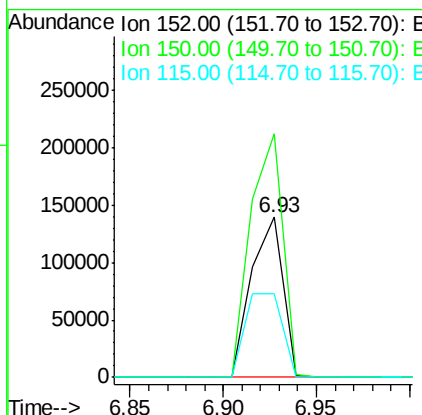
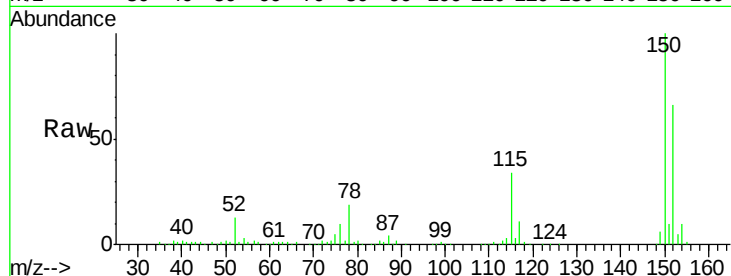




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 406
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

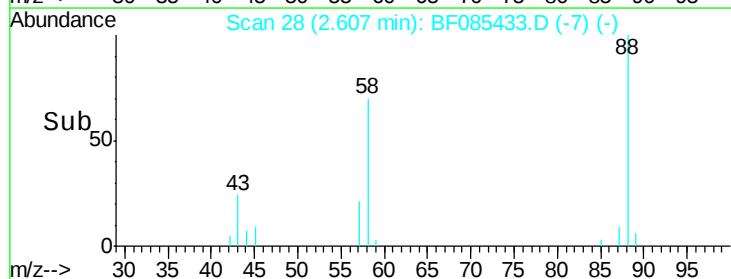
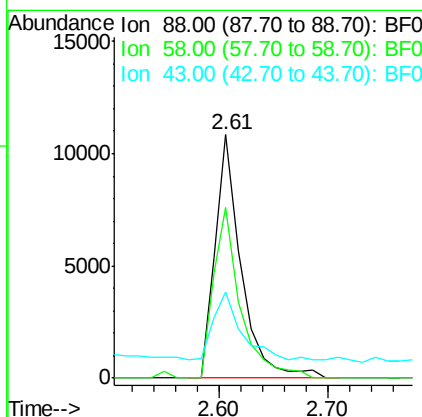
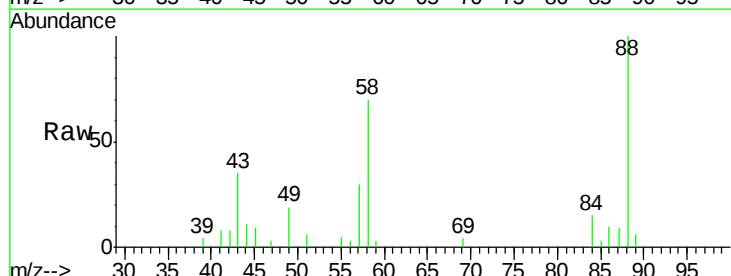
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

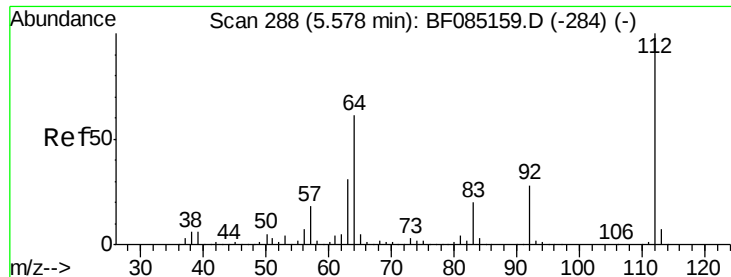
Tgt Ion:152 Resp: 163340
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.6 186.8
 115 52.4 46.6 70.0



#2
 1,4-Dioxane
 Concen: 3.65 ng
 RT: 2.61 min Scan# 28
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Tgt Ion: 88 Resp: 18182
 Ion Ratio Lower Upper
 88 100
 58 72.1 57.0 85.6
 43 30.5 20.5 30.7





#5

2-Fluorophenol

Concen: 36.07 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

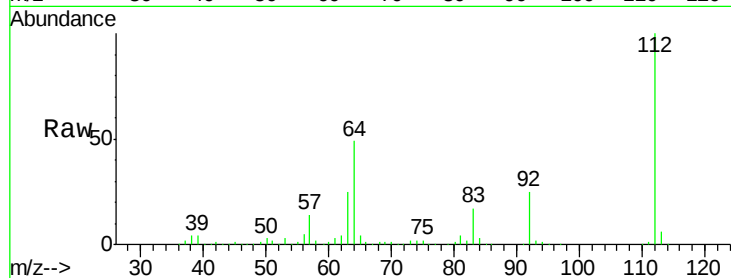
Tgt Ion: 112 Resp: 351222

Ion Ratio Lower Upper

112 100

64 48.7 49.0 73.4#

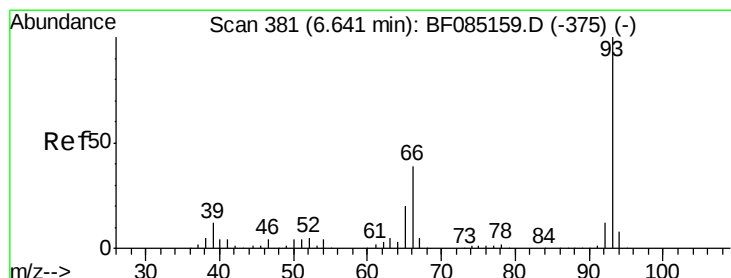
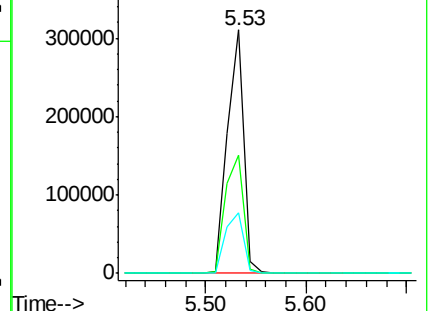
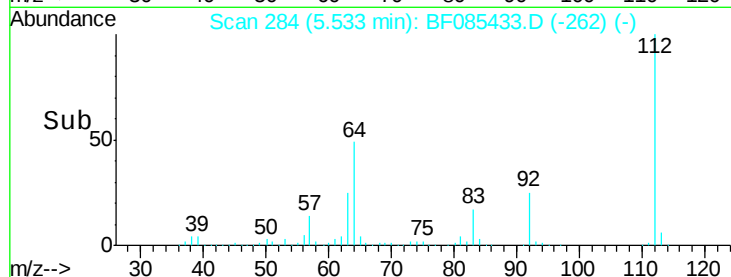
63 25.0 24.8 37.2



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



#6

Aniline

Concen: 5.29 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

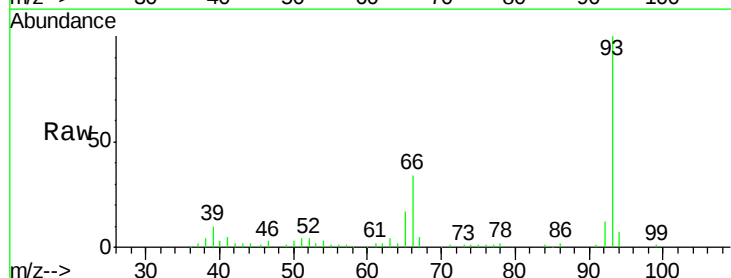
Tgt Ion: 93 Resp: 94530

Ion Ratio Lower Upper

93 100

66 34.0 31.6 47.4

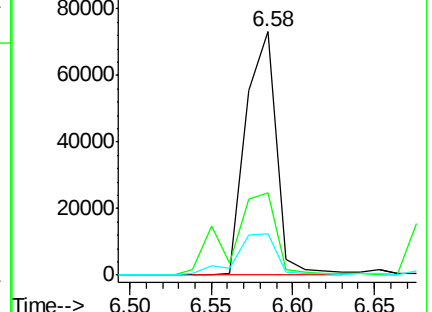
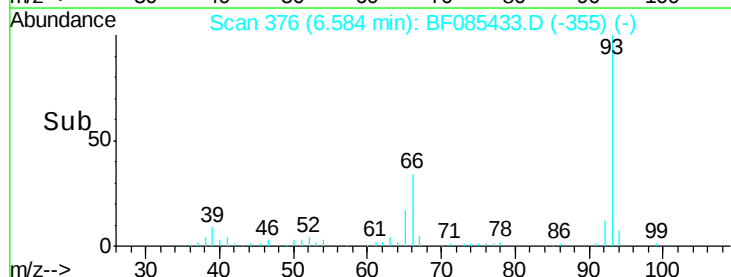
65 17.2 15.8 23.8

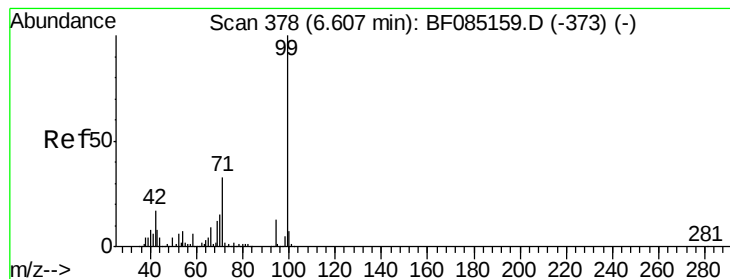


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 22.52 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

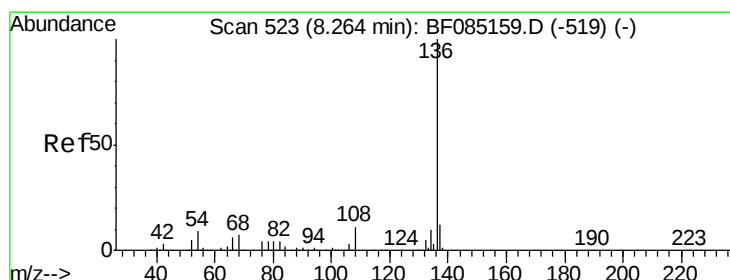
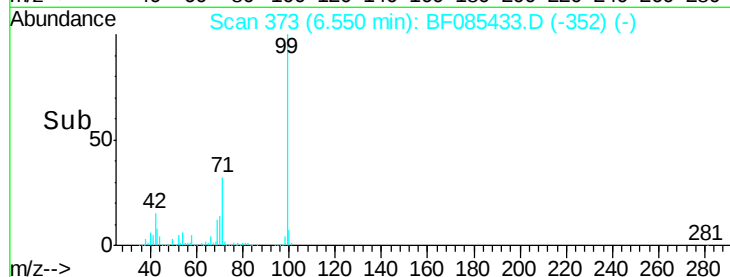
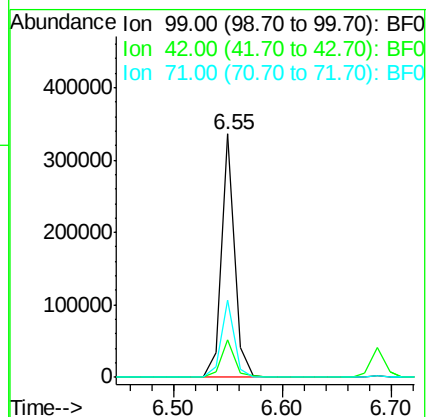
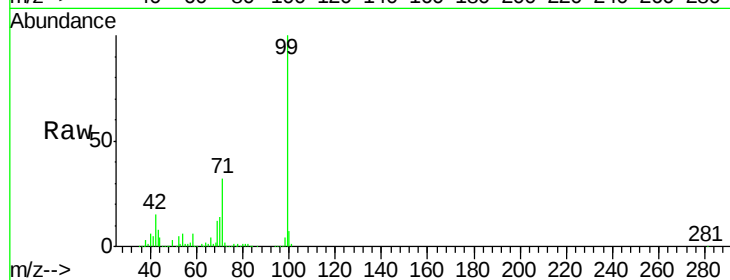
Tgt Ion: 99 Resp: 287268

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

71 31.5 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Tgt Ion: 136 Resp: 642769

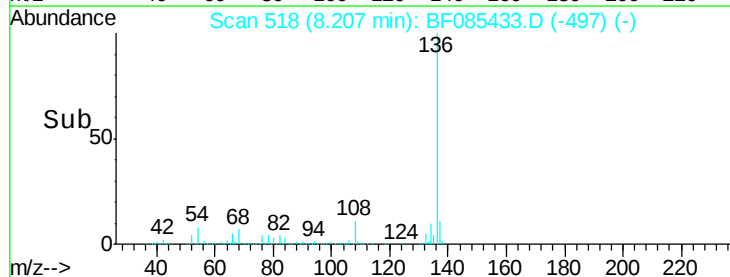
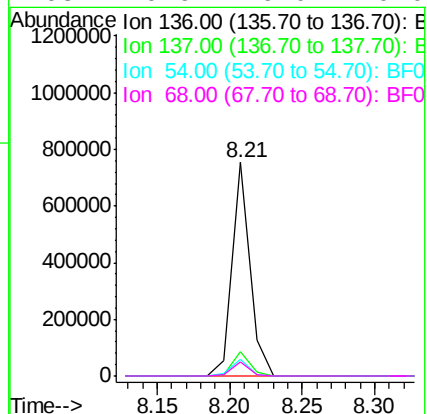
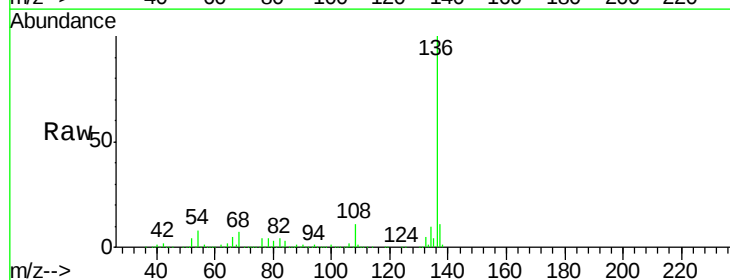
Ion Ratio Lower Upper

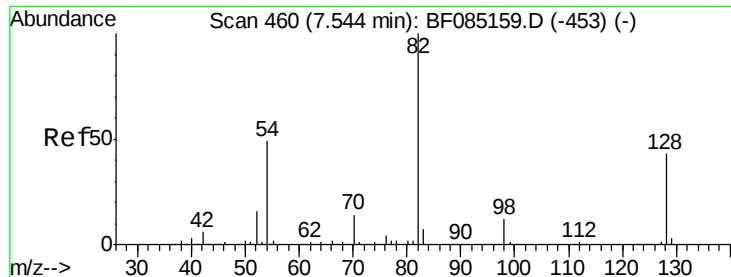
136 100

137 11.5 9.3 13.9

54 7.9 7.4 11.2

68 6.6 6.0 9.0

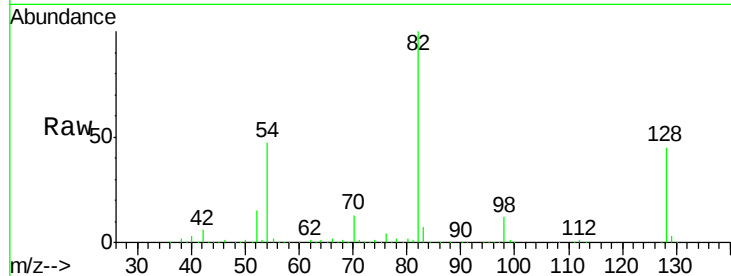




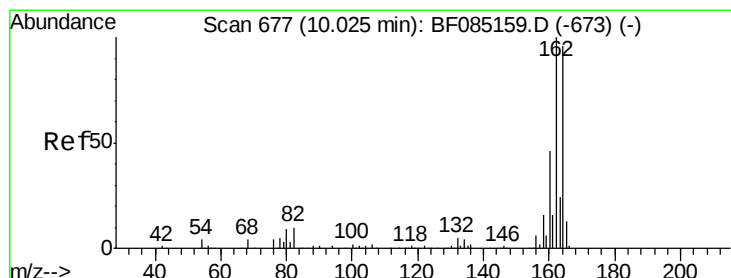
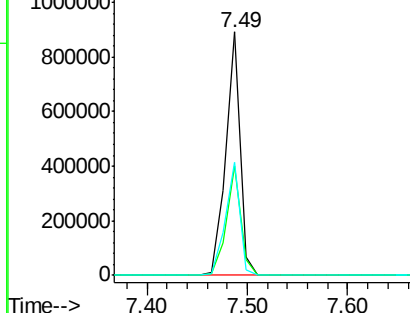
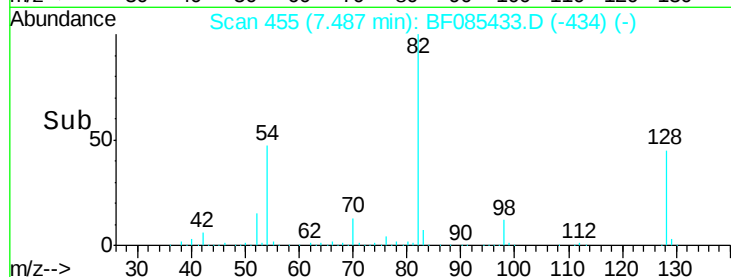
#23
Nitrobenzene-d5
Concen: 73.67 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085433.D
Acq: 14 Mar 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SYSDIS03112016

Tgt Ion: 82 Resp: 884932
Ion Ratio Lower Upper
82 100
128 44.8 34.5 51.7
54 46.7 39.3 58.9

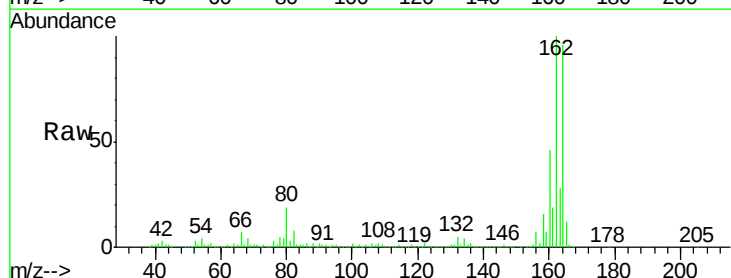


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

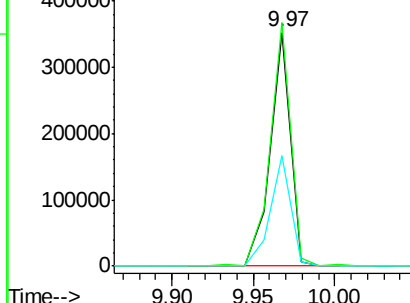
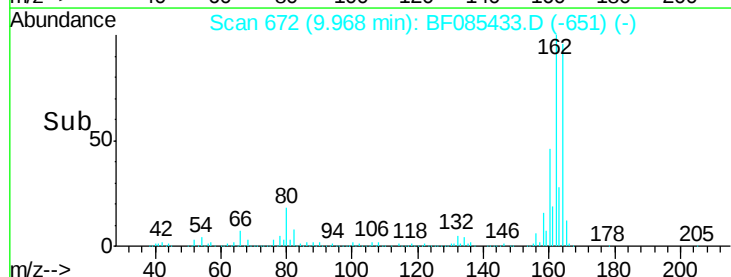


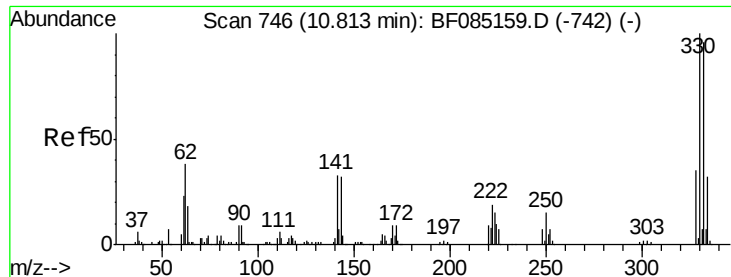
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085433.D
Acq: 14 Mar 2016 17:14

Tgt Ion: 164 Resp: 304937
Ion Ratio Lower Upper
164 100
162 104.1 83.3 124.9
160 47.5 37.9 56.9



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

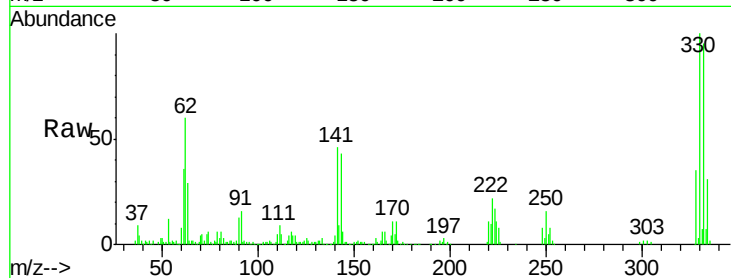




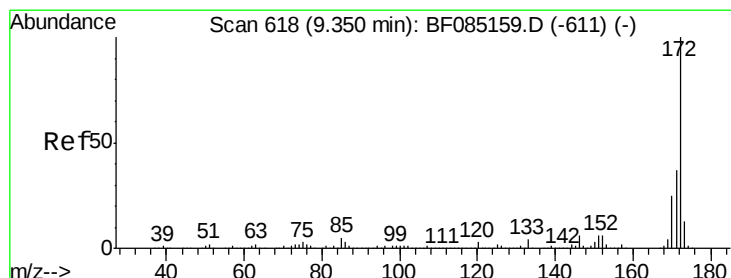
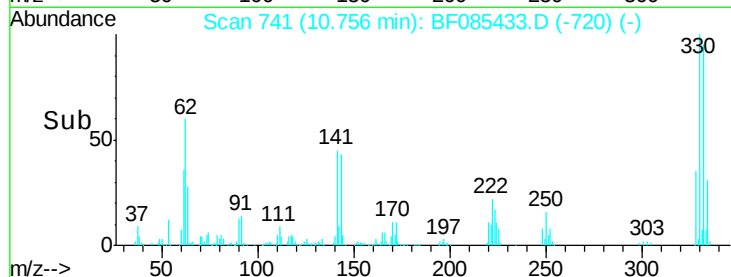
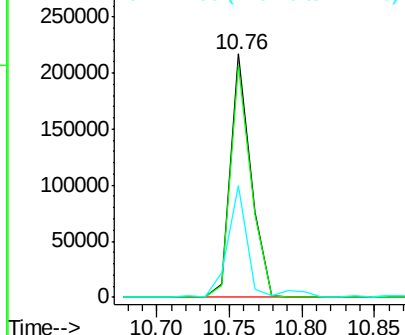
#41
 2,4,6-Tribromophenol
 Concen: 80.54 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS03112016

Tgt Ion:330 Resp: 210156
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 42.0 35.0 52.6

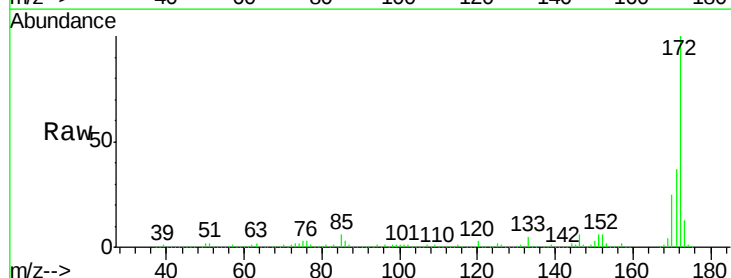


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

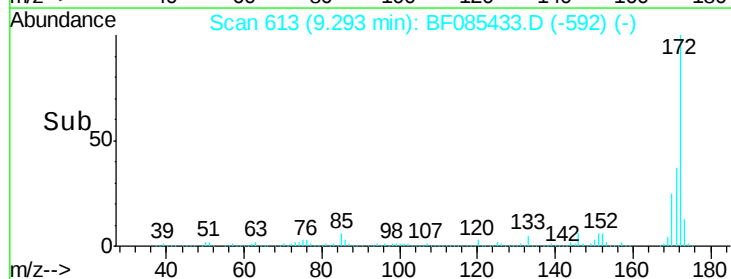
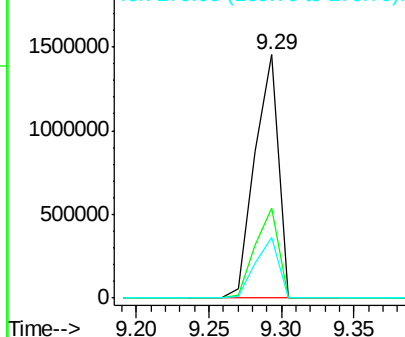


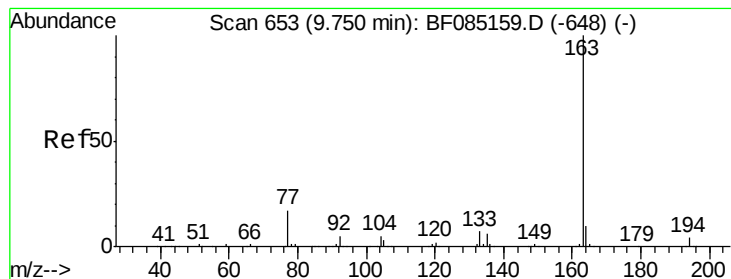
#44
 2-Fluorobiphenyl
 Concen: 81.89 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085433.D
 Acq: 14 Mar 2016 17:14

Tgt Ion:172 Resp: 1641871
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.9 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





#49

Dimethylphthalate

Concen: 4.98 ng

RT: 9.68 min Scan# 647

Delta R.T. -0.07 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

BNA_F

ClientSampleId :

SYSDIS03112016

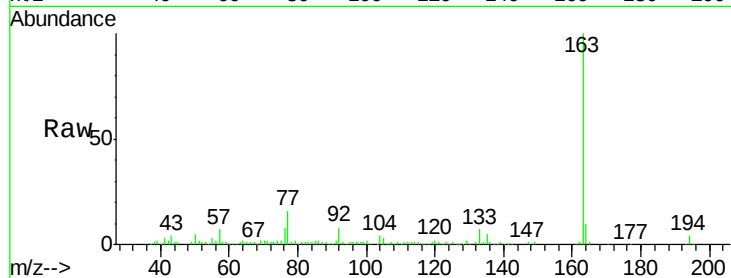
Tgt Ion:163 Resp: 116540

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

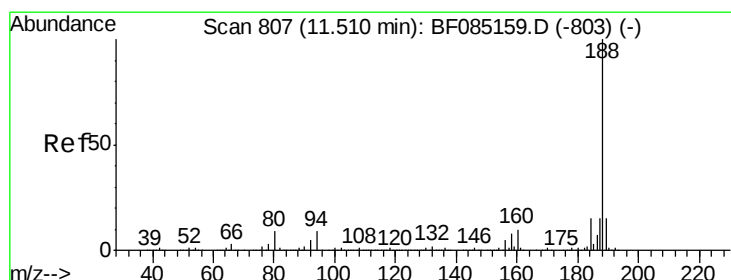
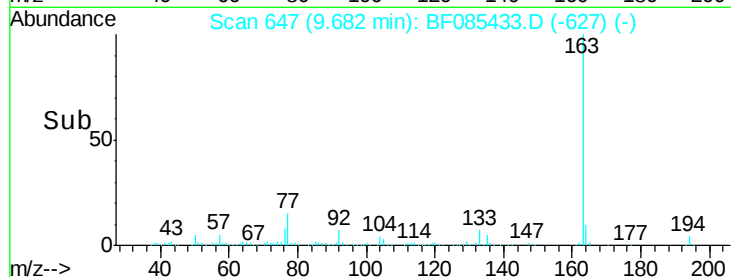
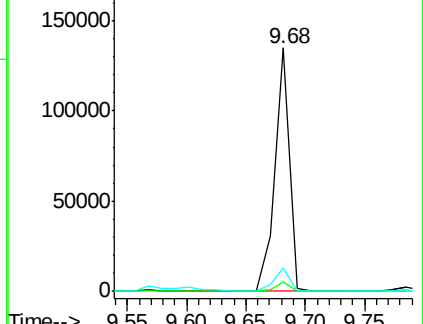
164 9.7 8.2 12.4



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: 11.45 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

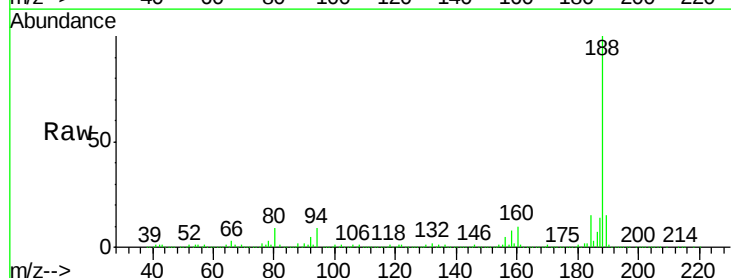
Tgt Ion:188 Resp: 550936

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

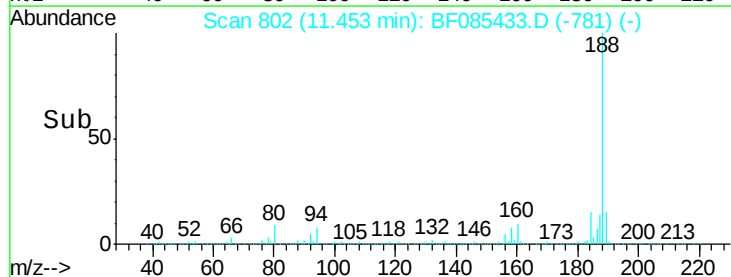
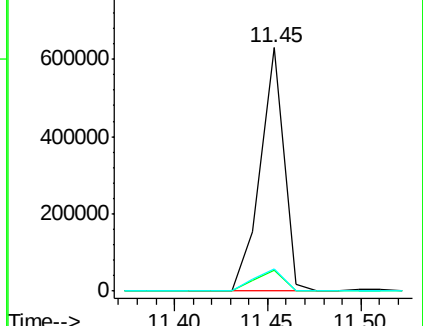
80 8.9 7.4 11.0

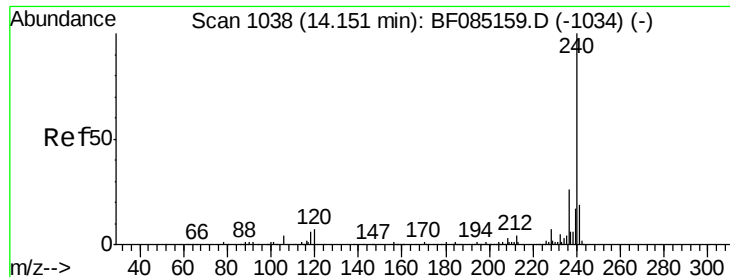


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

Instrument :

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SYSDIS03112016

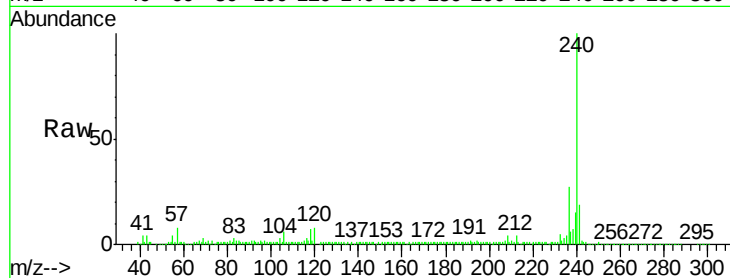
Tgt Ion:240 Resp: 298639

Ion Ratio Lower Upper

240 100

120 8.2 5.3 7.9#

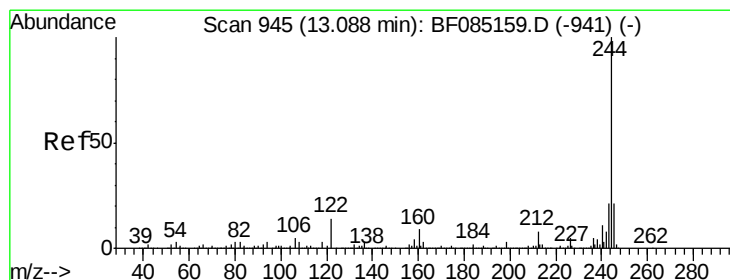
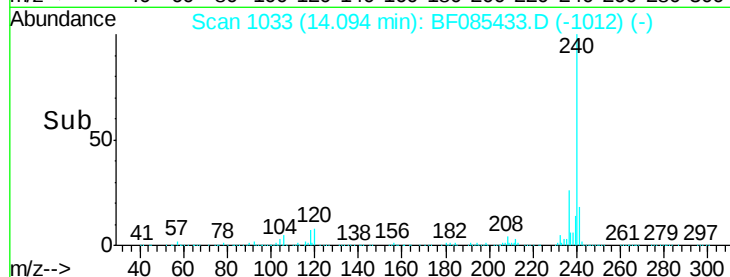
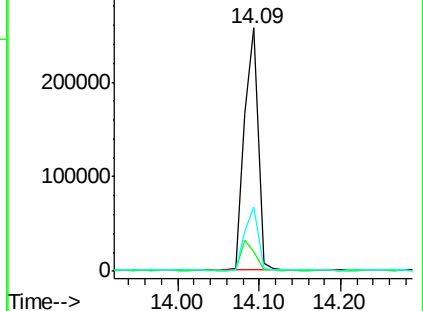
236 26.6 20.7 31.1



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: 93.08 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085433.D

Acq: 14 Mar 2016 17:14

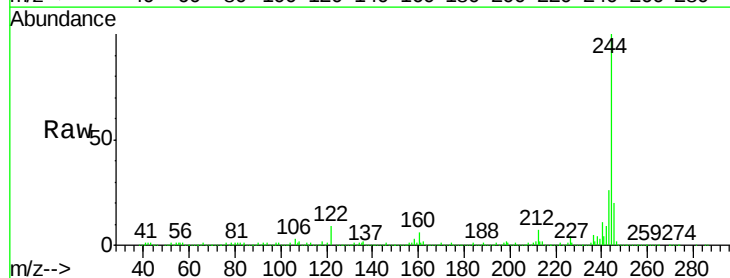
Tgt Ion:244 Resp: 1197373

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

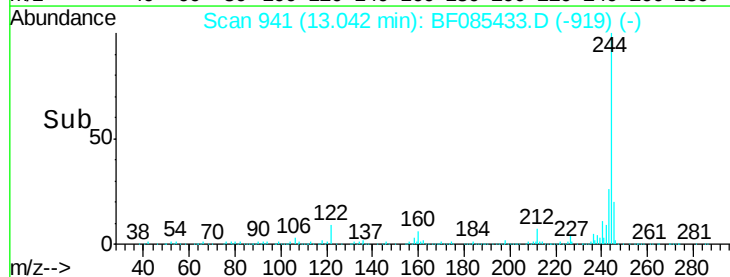
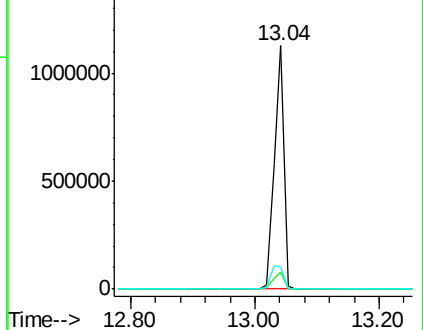
122 8.9 11.4 17.2#

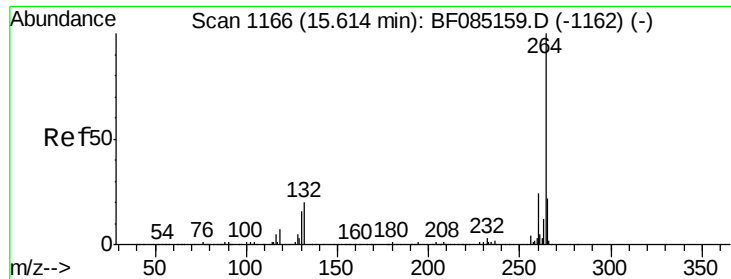


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085433.D
Acq: 14 Mar 2016 17:14

Instrument :
BNA_F
ClientSampleId :
SYSDIS03112016

Tgt Ion: 264 Resp: 272767
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.7 17.3 25.9

