

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085478.D
 Acq On : 16 Mar 2016 22:58
 Operator : UM/SJ
 Sample : H1790-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Quant Time: Mar 17 00:28:43 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

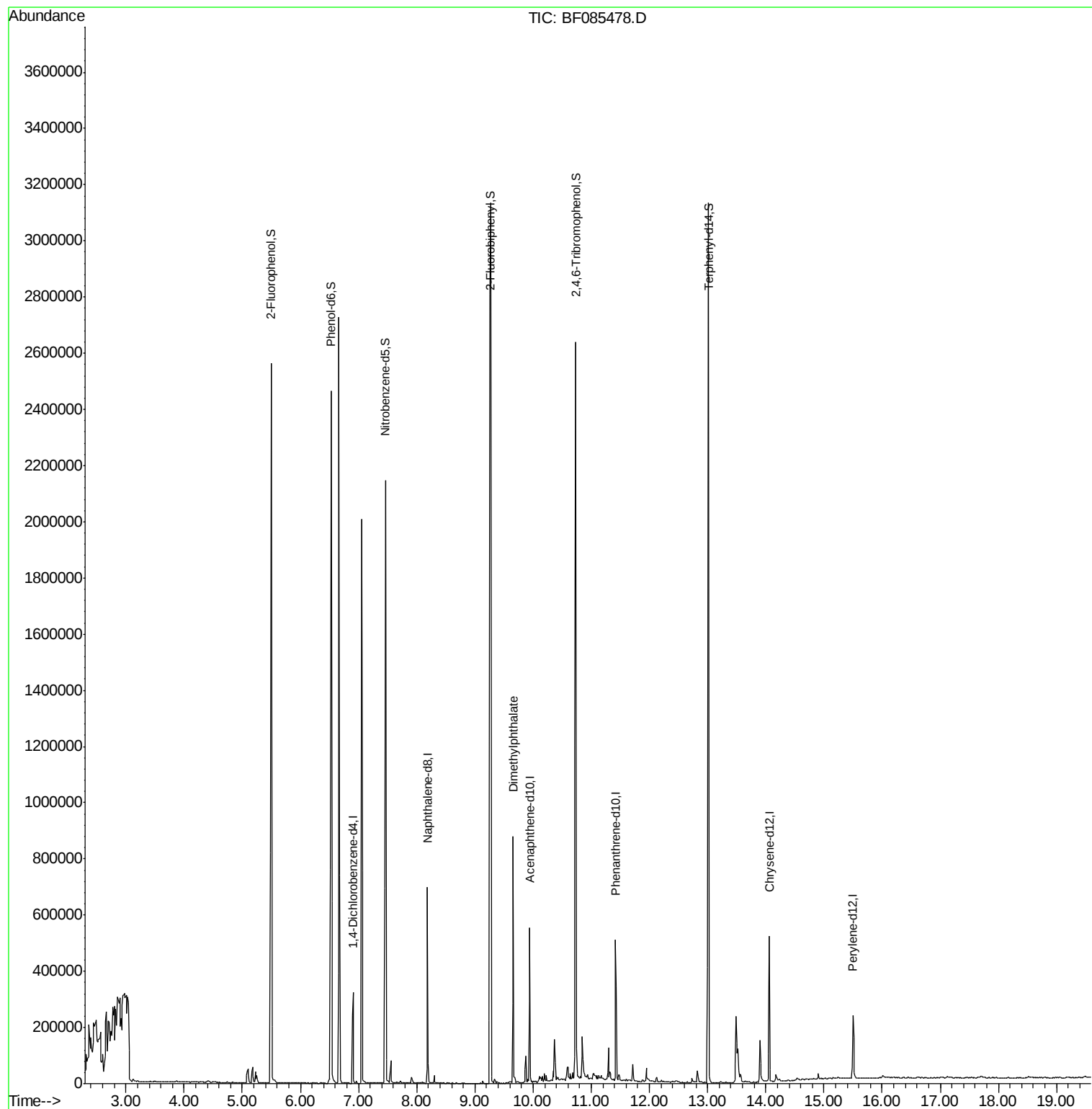
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	68225	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	289764	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	125085	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	234032	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	165573	20.00	ng	-0.02
86) Perylene-d12	15.50	264	109289	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	753248	189.78	ng	-0.01
7) Phenol-d6	6.53	99	1051958	204.33	ng	-0.02
23) Nitrobenzene-d5	7.46	82	727148	148.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	356061	309.06	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1471616	204.10	ng	-0.01
78) Terphenyl-d14	13.02	244	1563973	213.68	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	374928	41.08	ng	99

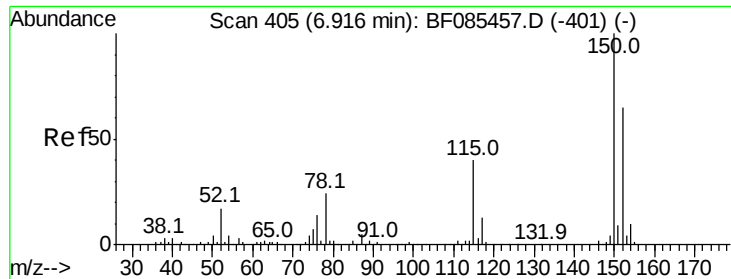
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

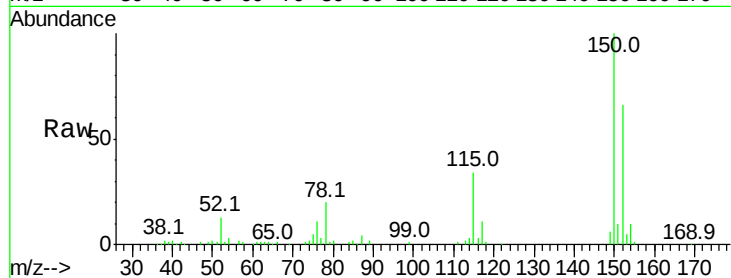
Tot Ion:152 Resp: 68225

Ion Ratio Lower Upper

152 100

150 152.4 124.6 186.8

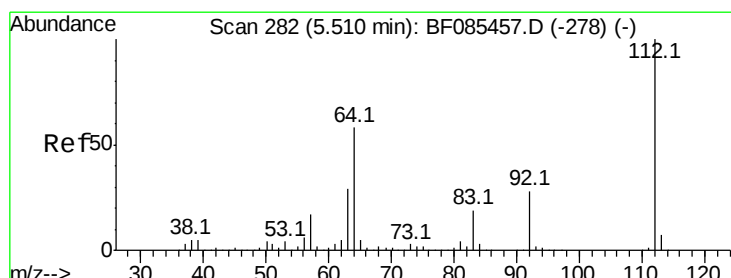
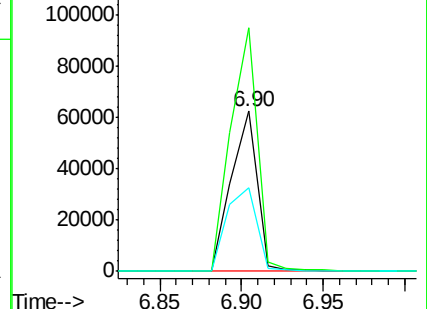
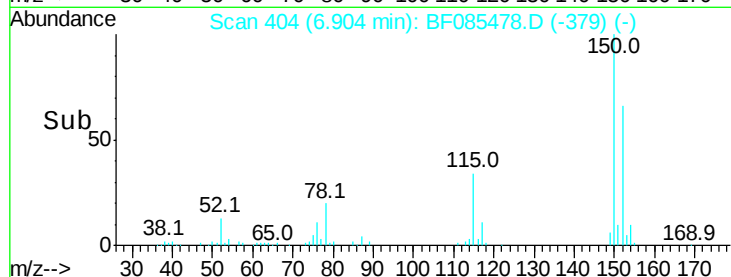
115 52.2 46.6 70.0



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: 189.78 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

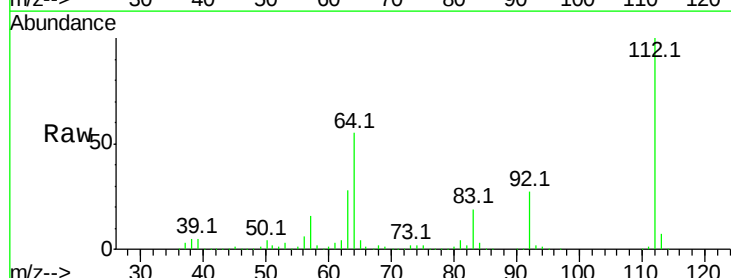
Tgt Ion:112 Resp: 753248

Ion Ratio Lower Upper

112 100

64 55.3 49.0 73.4

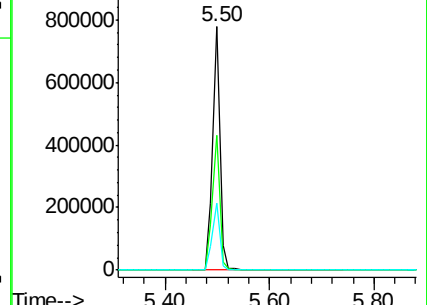
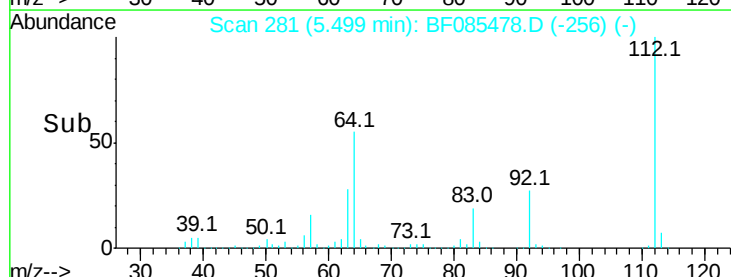
63 27.7 24.8 37.2

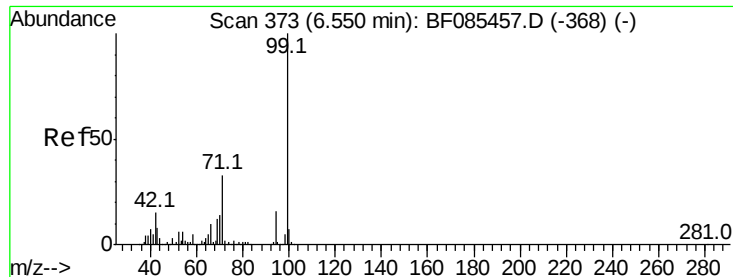


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 204.33 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

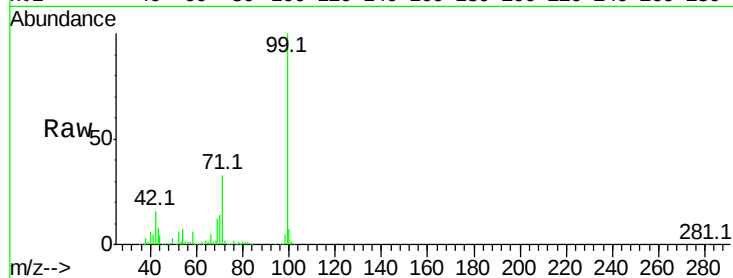
Tot Ion: 99 Resp: 1051958

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

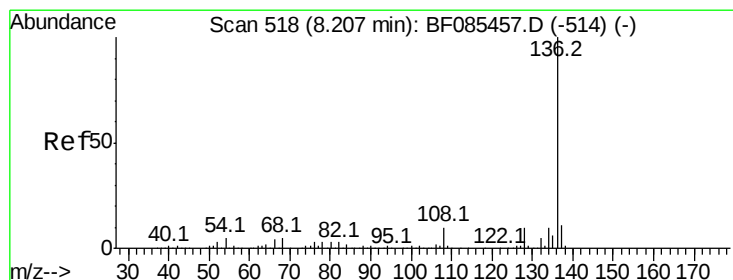
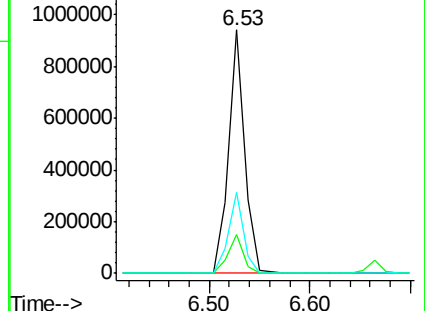
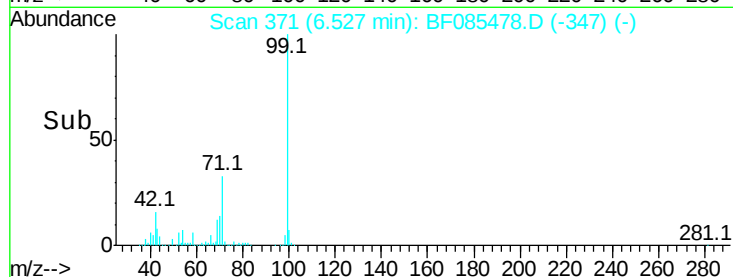
71 33.3 26.7 40.1



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: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Tgt Ion: 136 Resp: 289764

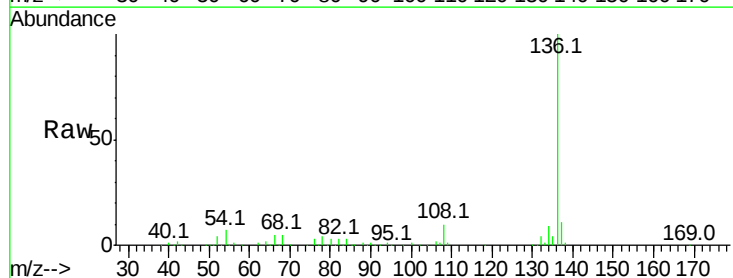
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 6.8 7.4 11.2#

68 5.4 6.0 9.0#

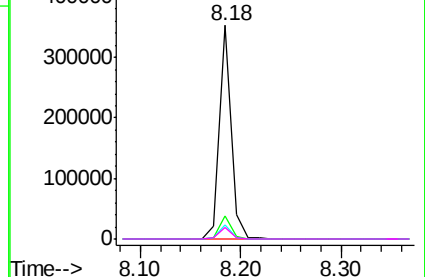
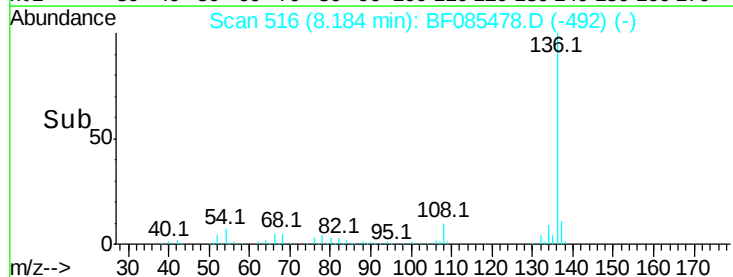


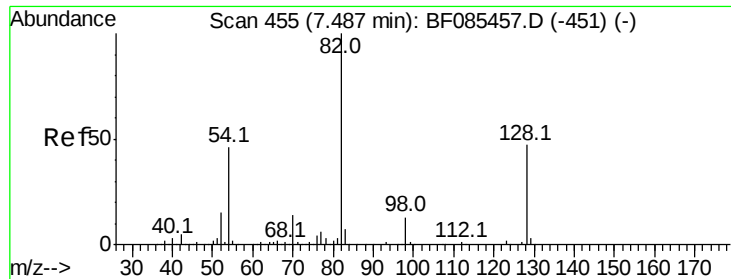
Abundance Ion 136.00 (135.70 to 136.70): E

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

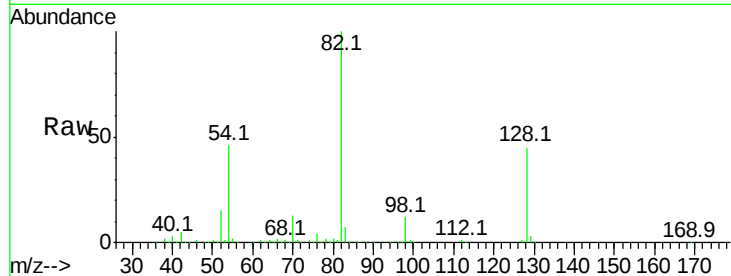




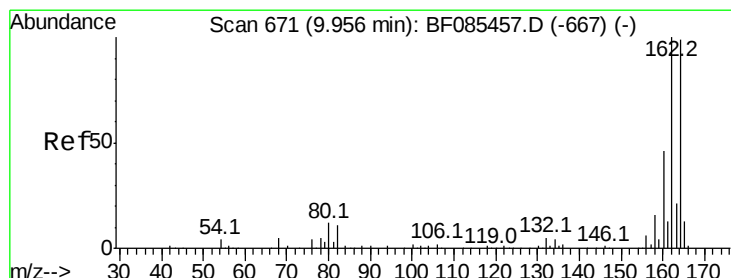
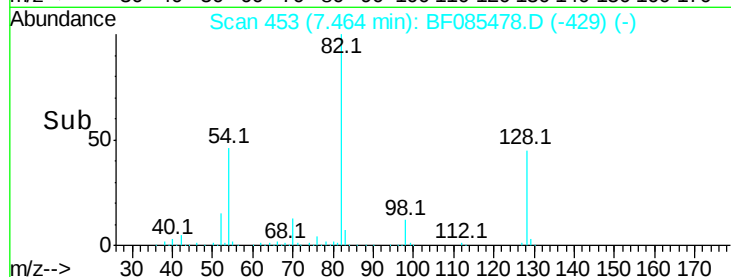
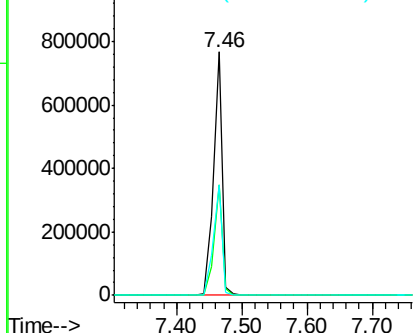
#23
 Nitrobenzene-d5
 Concen: 148.37 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085478.D
 Acq: 16 Mar 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tot Ion	82	Resp	727148
Ion Ratio	100		
Lower	34.5		
Upper	51.7		
54	45.6	39.3	58.9

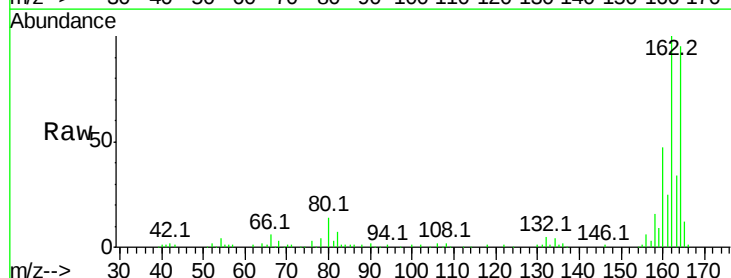


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

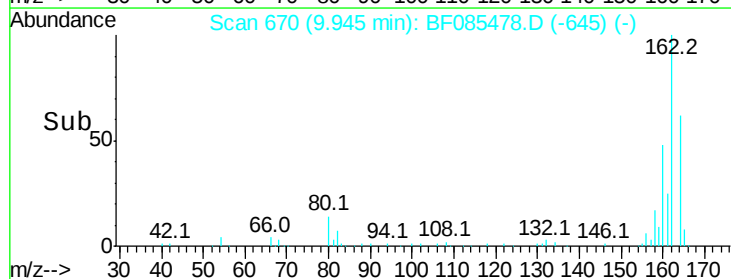
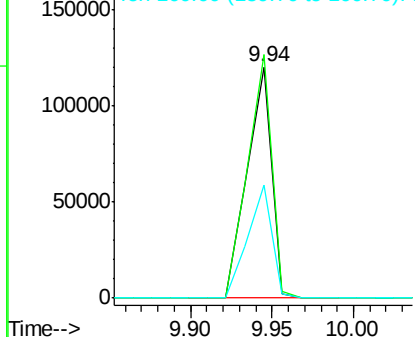


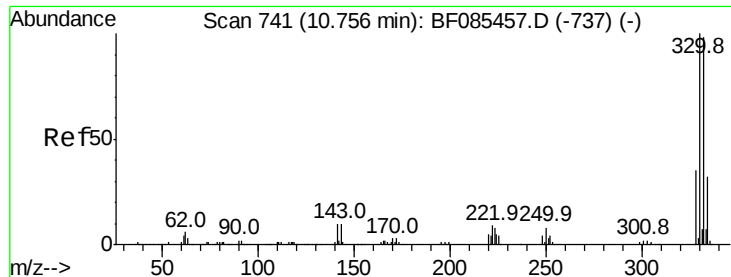
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085478.D
 Acq: 16 Mar 2016 22:58

Tgt Ion	164	Resp	125085
Ion Ratio	100		
Lower	83.3		
Upper	124.9		
162	105.4	37.9	56.9



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

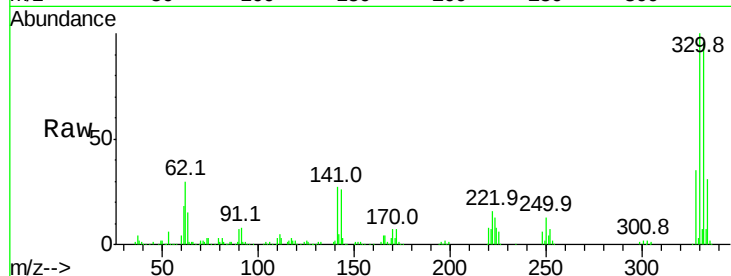




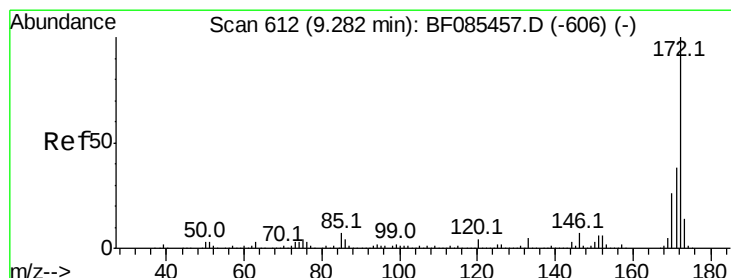
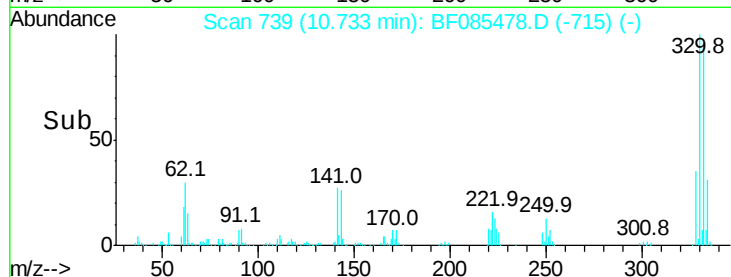
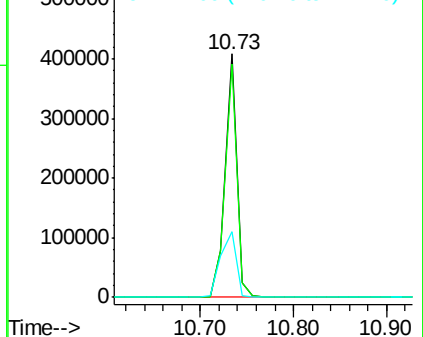
#41
 2,4,6-Tribromophenol
 Concen: 309.06 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085478.D
 Acq: 16 Mar 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tot Ion:330 Resp: 356061
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 36.4 35.0 52.6

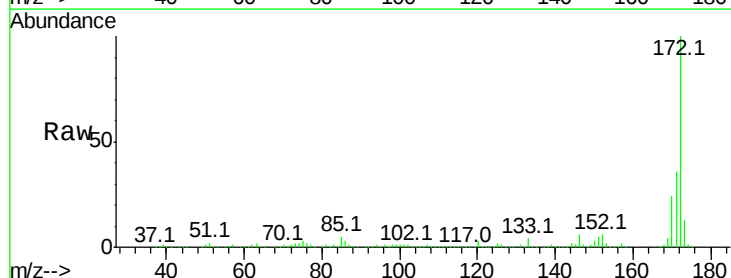


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

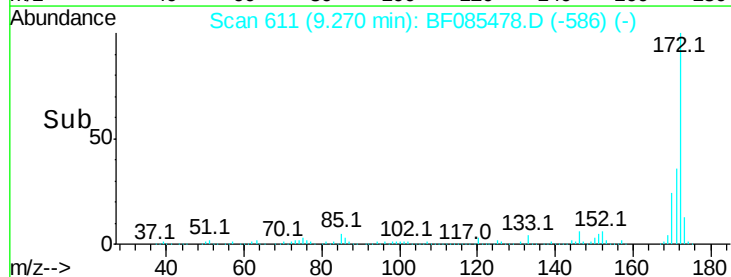
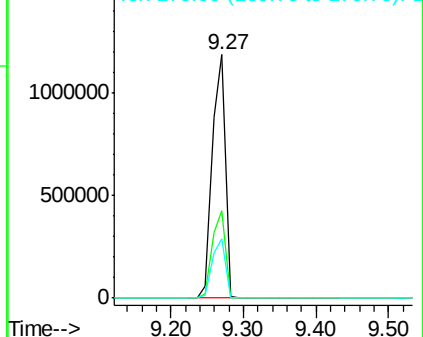


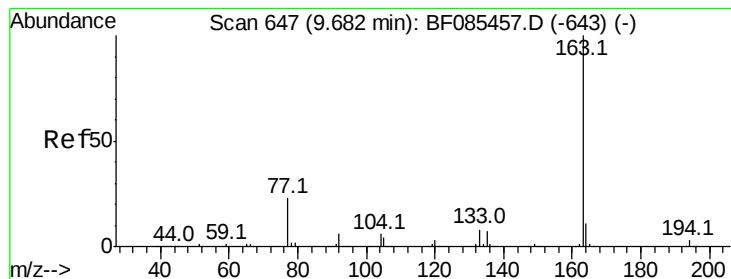
#44
 2-Fluorobiphenyl
 Concen: 204.10 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085478.D
 Acq: 16 Mar 2016 22:58

Tgt Ion:172 Resp: 1471616
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 24.3 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: 41.08 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

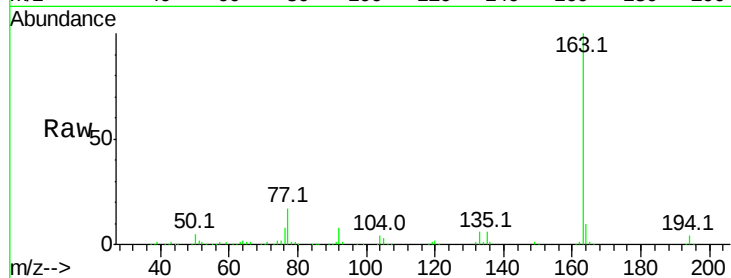
Tot Ion:163 Resp: 374928

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

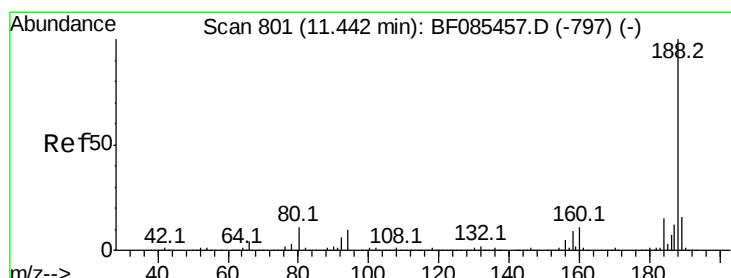
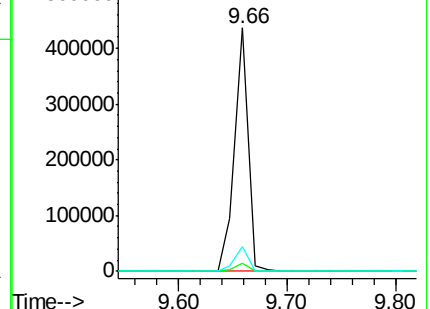
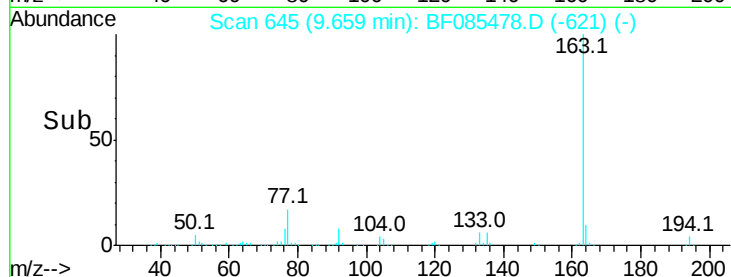
164 10.0 8.2 12.4



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: 11.42 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

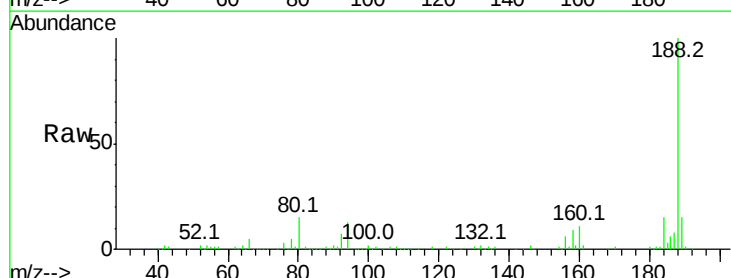
Tgt Ion:188 Resp: 234032

Ion Ratio Lower Upper

188 100

94 13.4 7.0 10.6#

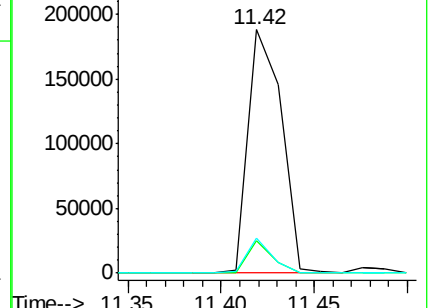
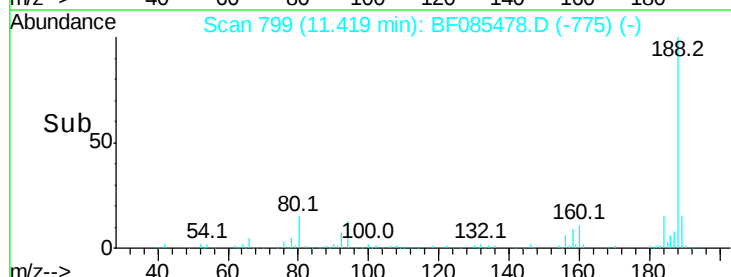
80 14.6 7.4 11.0#

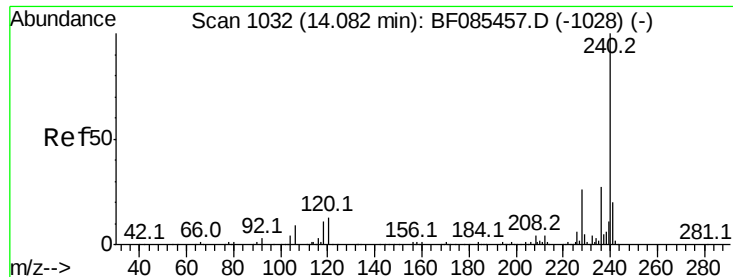


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085478.D

Acq: 16 Mar 2016 22:58

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

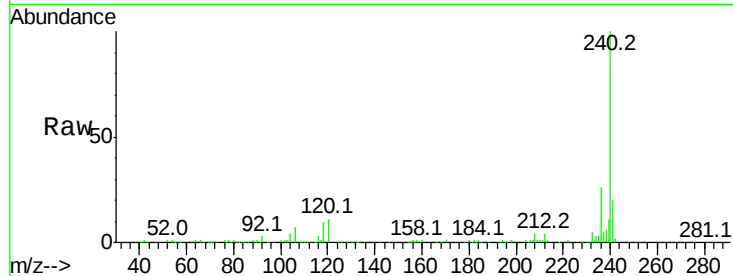
Tot Ion:240 Resp: 165573

Ion Ratio Lower Upper

240 100

120 11.1 5.3 7.9#

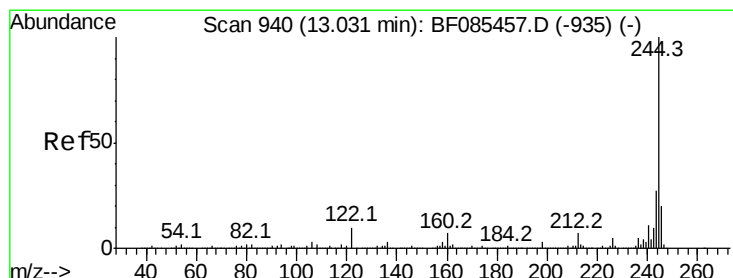
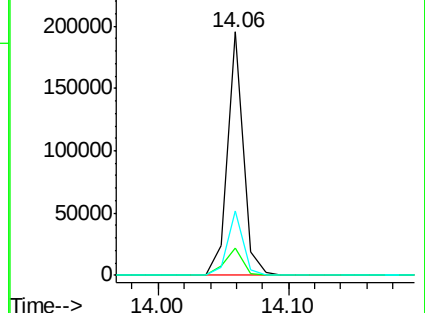
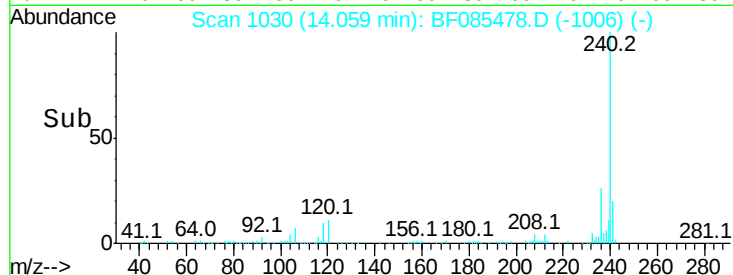
236 26.4 20.7 31.1



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: 213.68 ng

RT: 13.02 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF085478.D

Acq: 16 Mar 2016 22:58

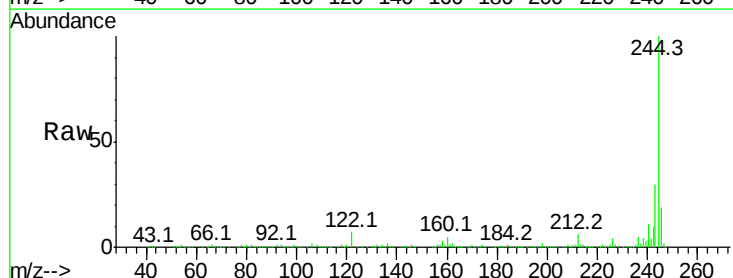
Tgt Ion:244 Resp: 1563973

Ion Ratio Lower Upper

244 100

212 6.5 6.4 9.6

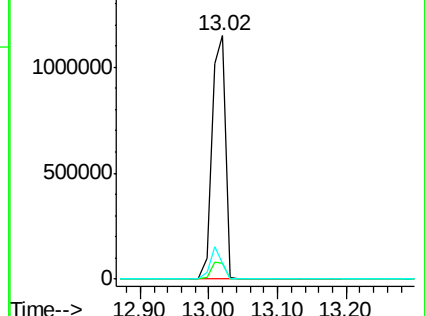
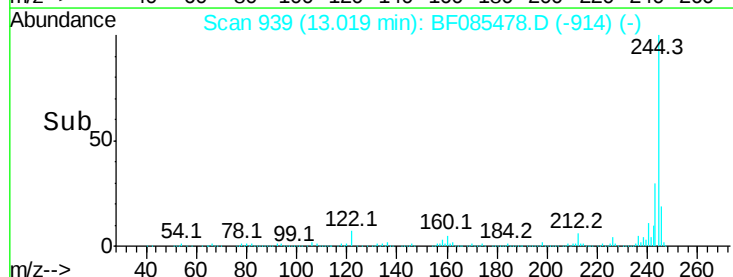
122 6.5 11.4 17.2#

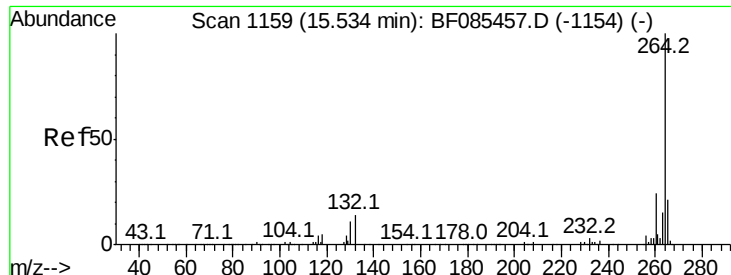


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

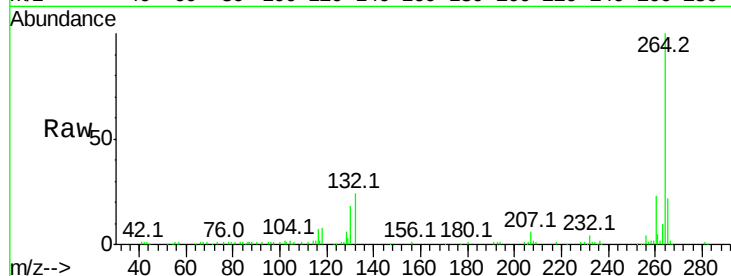




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF085478.D
Acq: 16 Mar 2016 22:58

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	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

