

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090516.D
 Acq On : 11 Oct 2016 21:46
 Operator : UM/SJ
 Sample : H5146-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0619

Quant Time: Oct 12 01:36:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

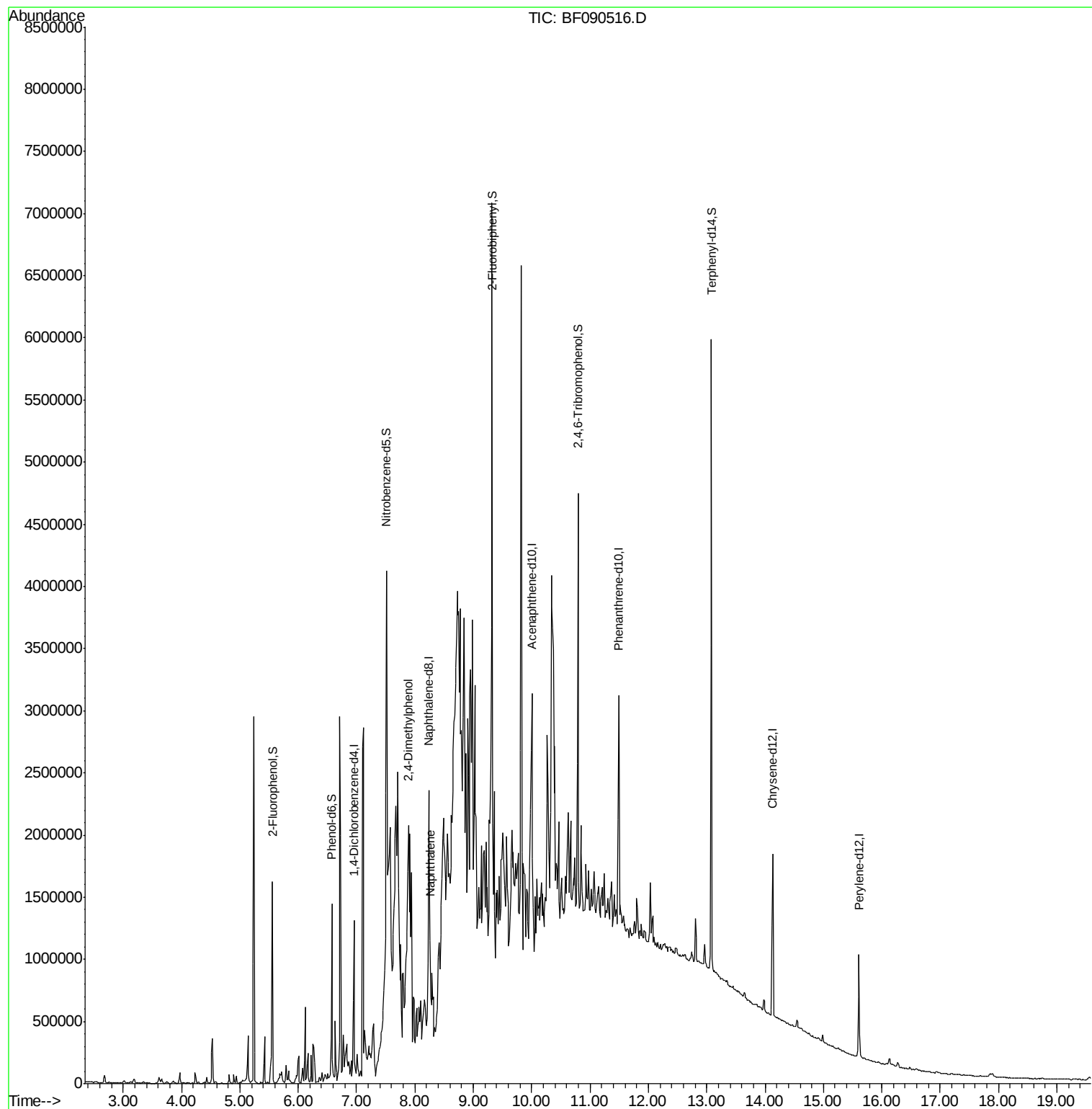
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	210634	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	791891	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	458713	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	744263	20.00	ng	0.01
75) Chrysene-d12	14.13	240	526559	20.00	ng	0.00
86) Perylene-d12	15.61	264	379634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	587586	43.40	ng	0.00
7) Phenol-d6	6.58	99	502288	29.40	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1168048	80.00	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	461786	101.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1982525	72.63	ng	0.00
78) Terphenyl-d14	13.08	244	1887543	87.60	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.89	122	28043	2.31	ng	93
31) Naphthalene	8.26	128	212305	5.38	ng	98

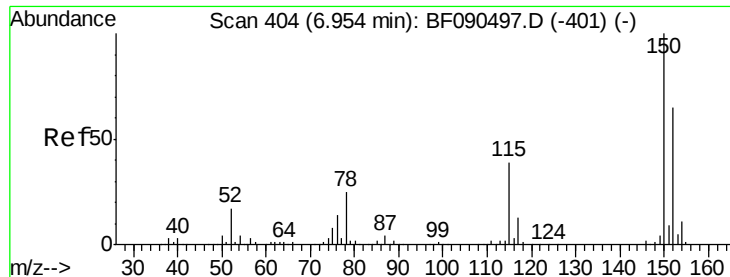
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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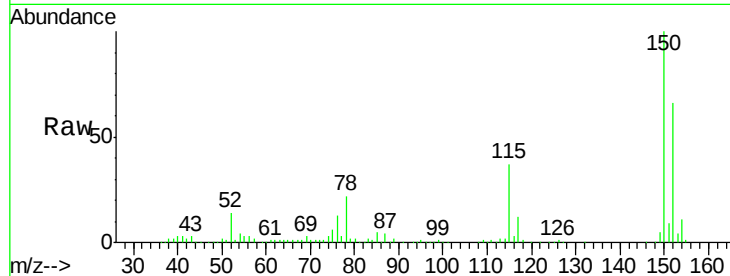


#1

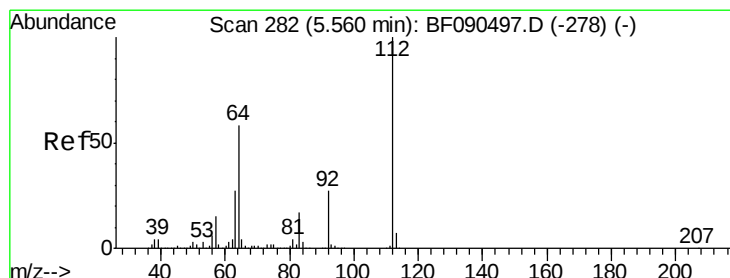
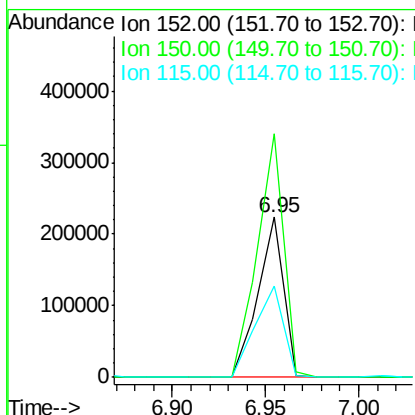
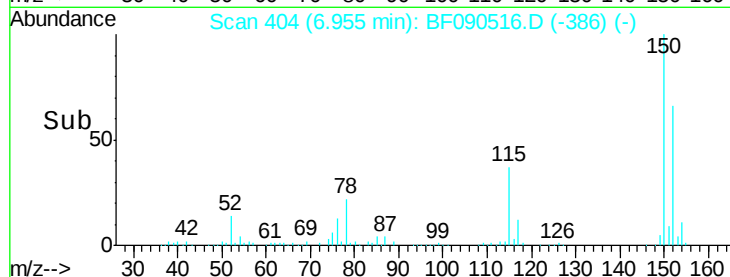
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampleId :
S8-0619

Tot Ion:152 Resp: 210634
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 56.8 46.2 69.4



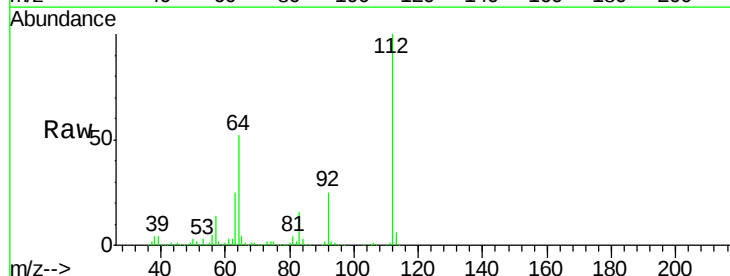
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



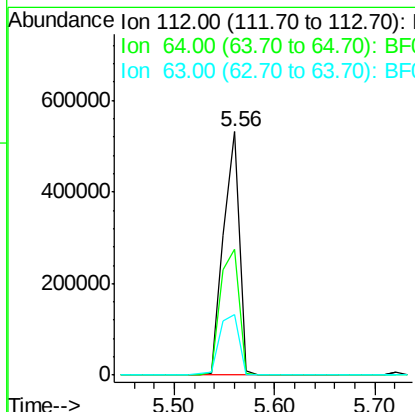
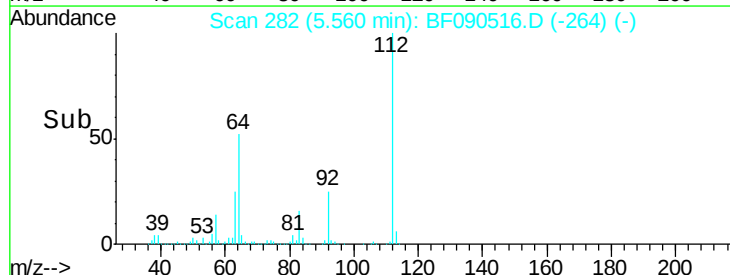
#5

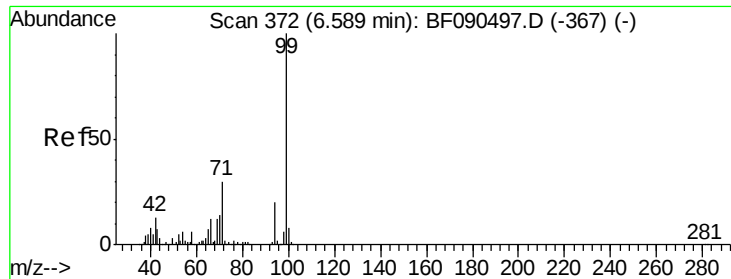
2-Fluorophenol
Concen: 43.40 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:112 Resp: 587586
Ion Ratio Lower Upper
112 100
64 51.5 57.9 86.9#
63 24.7 29.6 44.4#



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: 29.40 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

Instrument :

BNA_F

ClientSampleId :

S8-0619

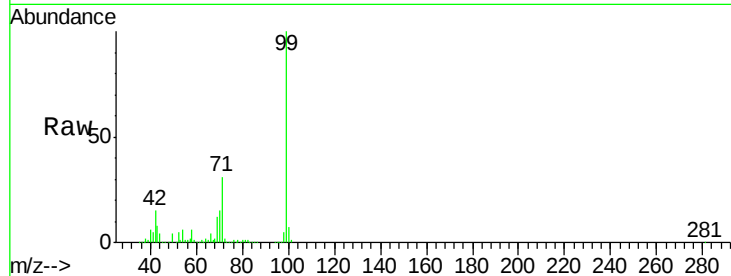
Tot Ion: 99 Resp: 502288

Ion Ratio Lower Upper

99 100

42 14.7 20.0 30.0#

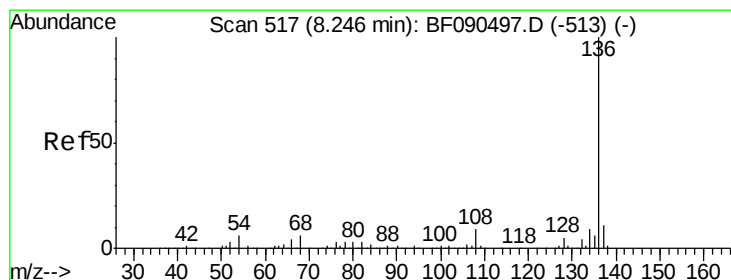
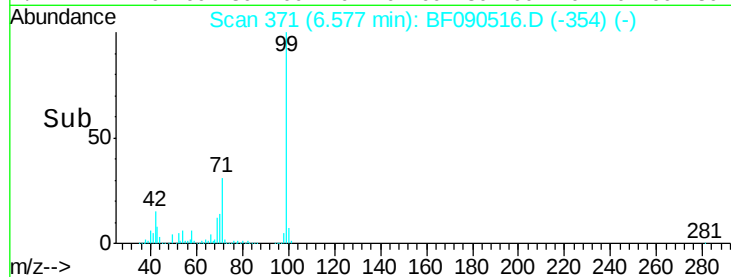
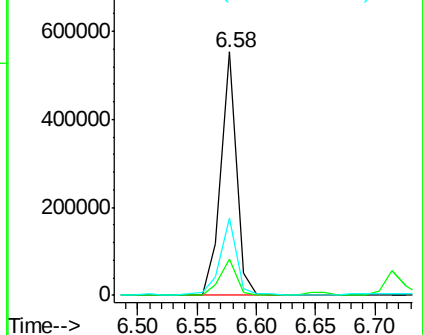
71 31.5 27.9 41.9



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: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

Tgt Ion: 136 Resp: 791891

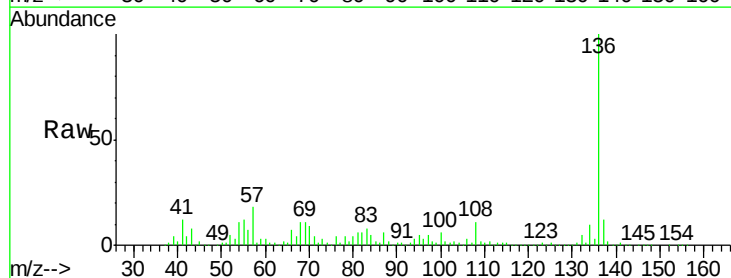
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 11.2 6.6 10.0#

68 10.9 5.0 7.6#

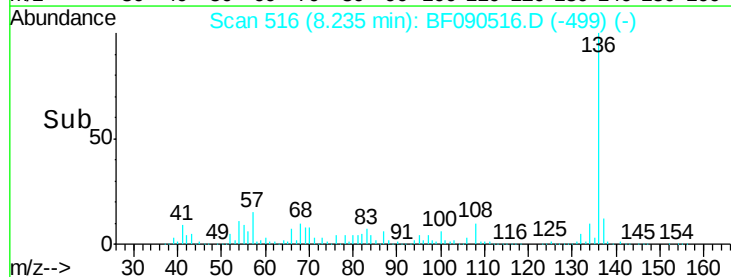
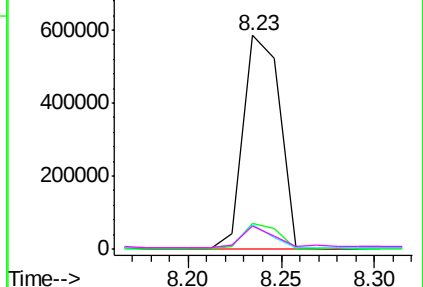


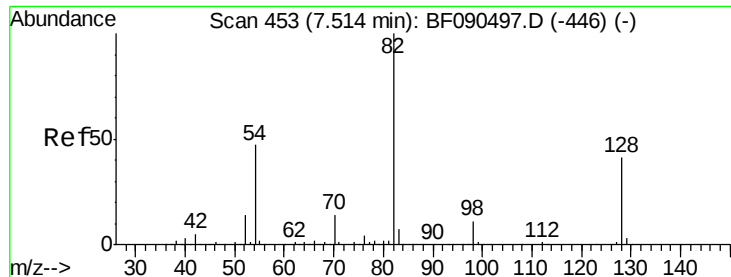
Abundance Ion 136.00 (135.70 to 136.70): E

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

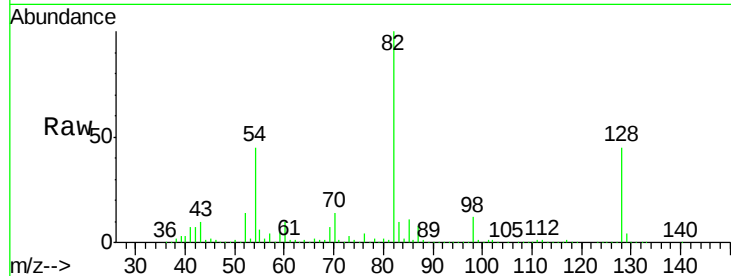




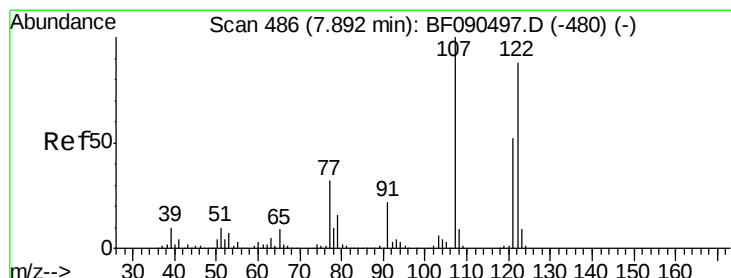
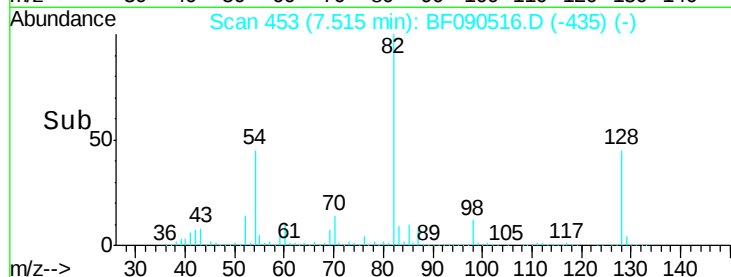
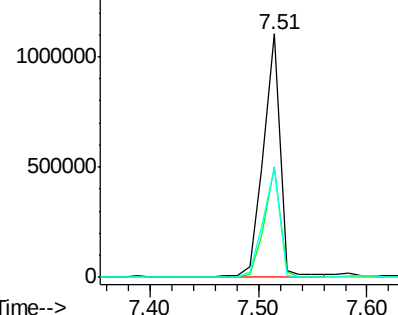
#23
Nitrobenzene-d5
Concen: 80.00 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Instrument :
BNA_F
ClientSampled :
S8-0619

Tot Ion: 82 Resp: 1168048
Ion Ratio Lower Upper
82 100
128 45.2 40.0 60.0
54 44.9 42.6 64.0

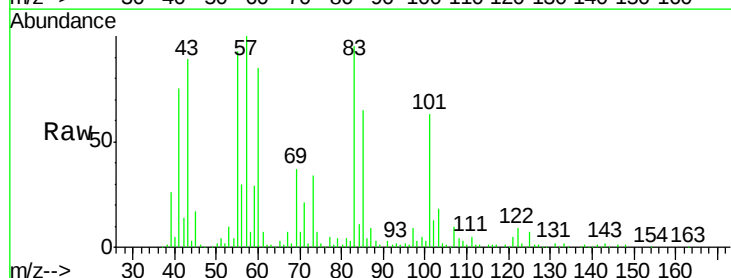


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

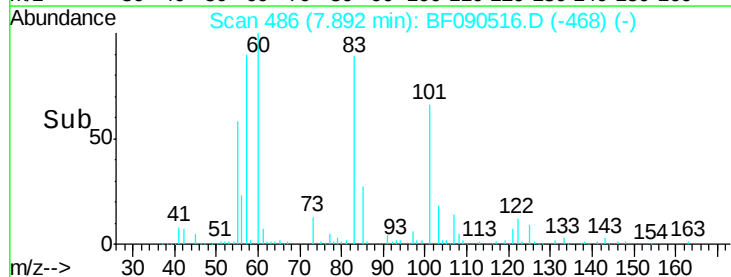
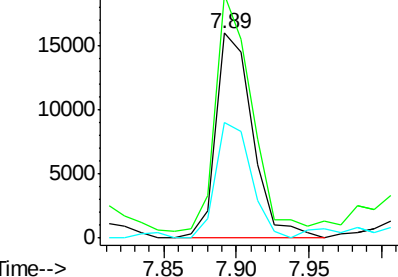


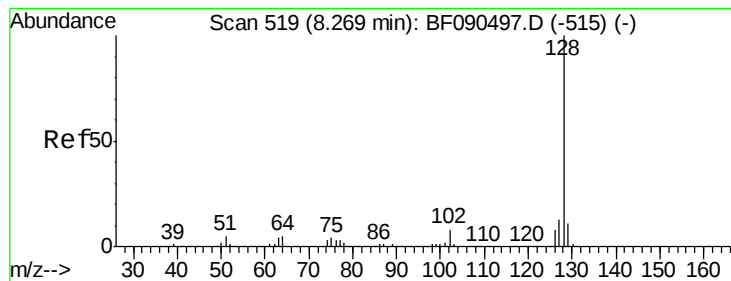
#27
2,4-Dimethylphenol
Concen: 2.31 ng
RT: 7.89 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF090516.D
Acq: 11 Oct 2016 21:46

Tgt Ion:122 Resp: 28043
Ion Ratio Lower Upper
122 100
107 118.9 88.6 132.8
121 56.2 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): B
Ion 107.00 (106.70 to 107.70): B
Ion 121.00 (120.70 to 121.70): B





#31

Naphthalene

Concen: 5.38 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

Instrument :

BNA_F

ClientSampleId :

S8-0619

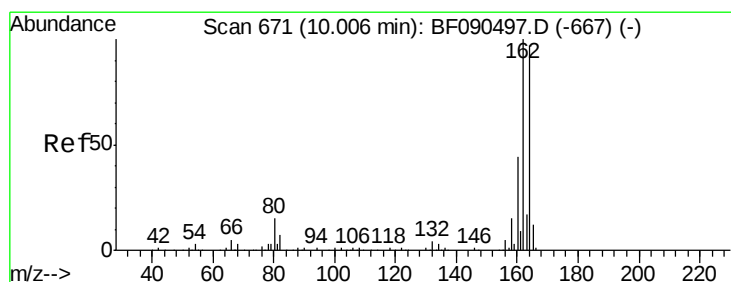
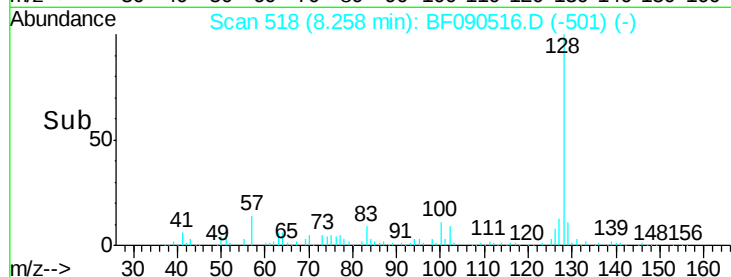
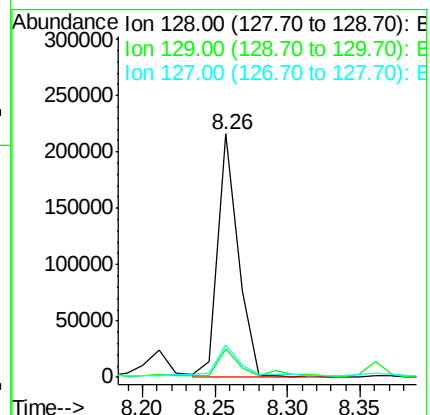
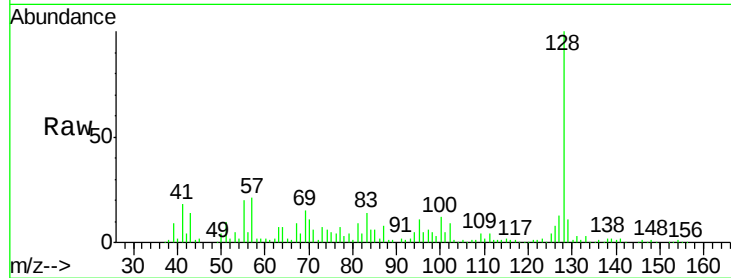
Tot Ion:128 Resp: 212305

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

127 13.4 11.7 17.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

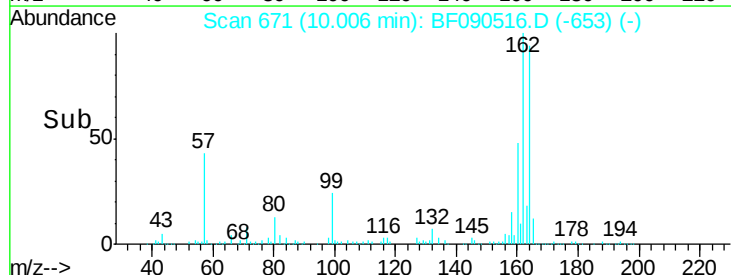
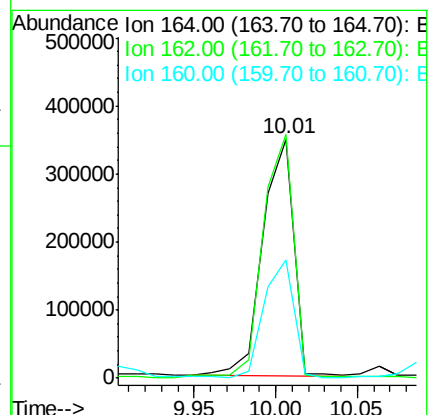
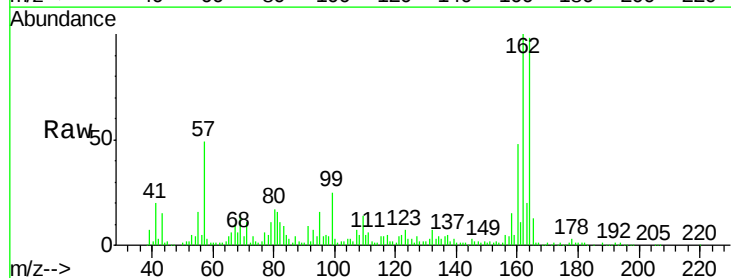
Tgt Ion:164 Resp: 458713

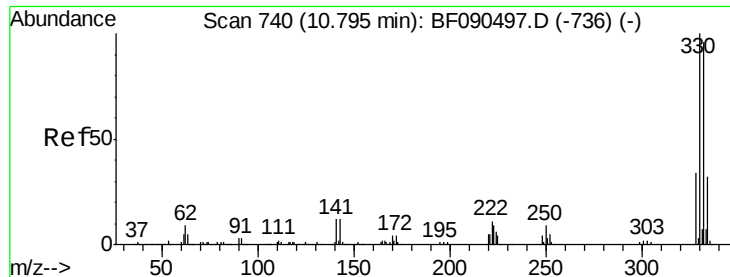
Ion Ratio Lower Upper

164 100

162 102.1 80.1 120.1

160 49.3 36.3 54.5

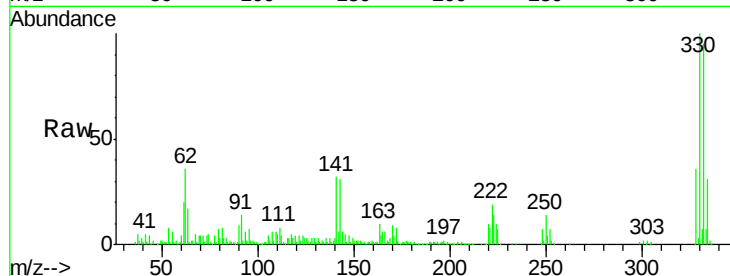




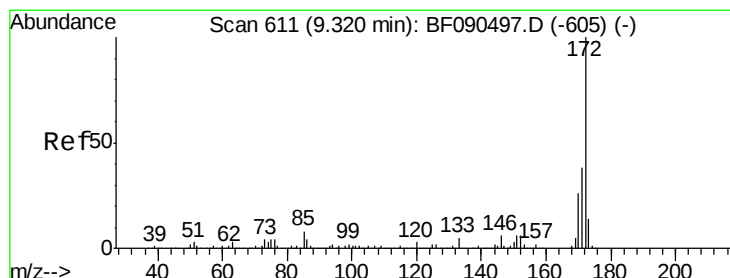
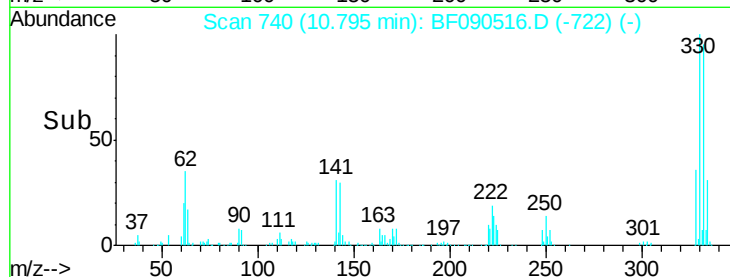
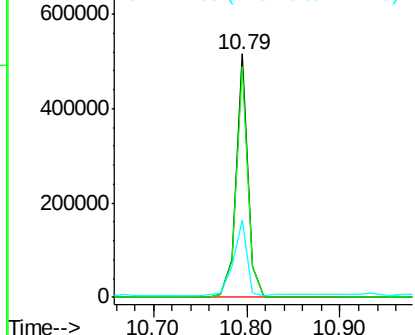
#41
 2,4,6-Tribromophenol
 Concen: 101.56 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090516.D
 Acq: 11 Oct 2016 21:46

Instrument :
 BNA_F
 ClientSampleId :
 S8-0619

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.0
141	35.6	26.9	40.3

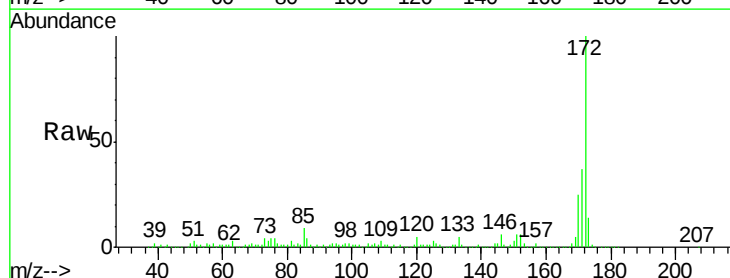


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

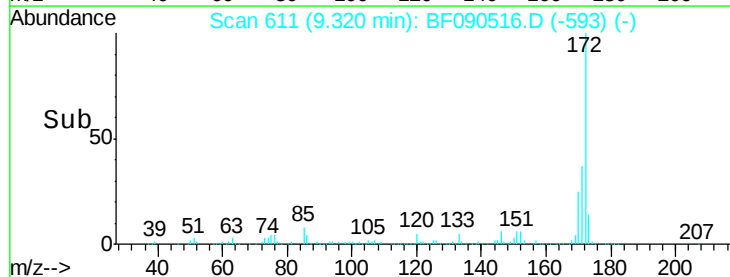
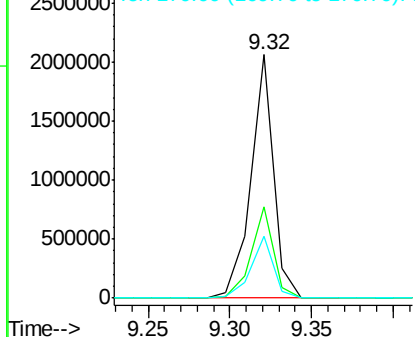


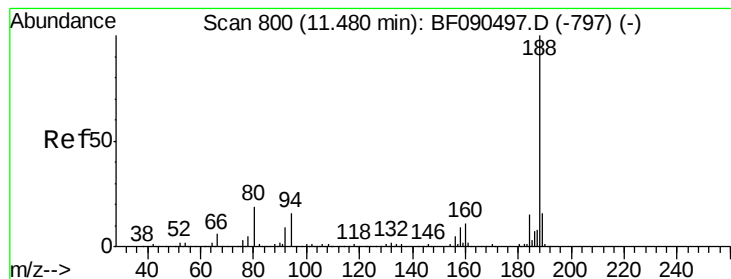
#44
 2-Fluorobiphenyl
 Concen: 72.63 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090516.D
 Acq: 11 Oct 2016 21:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.8	47.8
170	25.5	21.7	32.5



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: 11.49 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

Instrument :

BNA_F

ClientSampled :

S8-0619

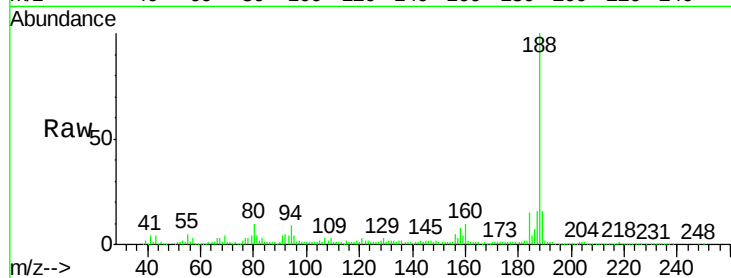
Tot Ion:188 Resp: 744263

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

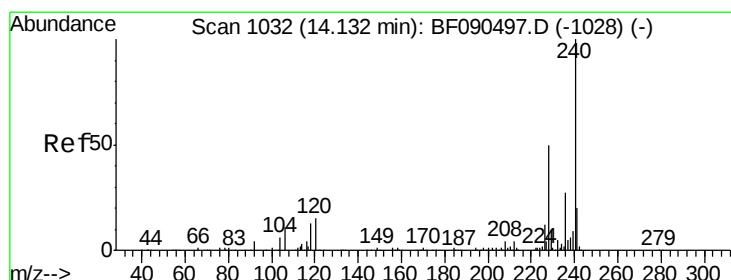
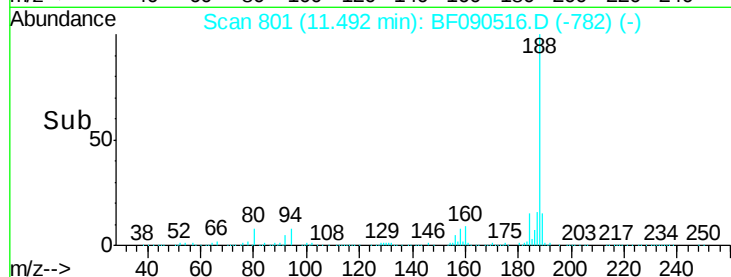
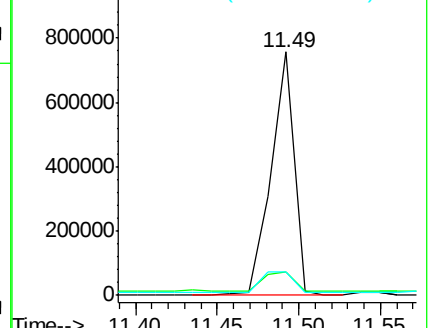
80 9.7 8.8 13.2



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: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

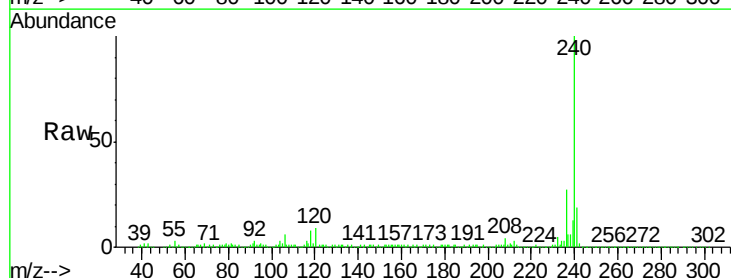
Tgt Ion:240 Resp: 526559

Ion Ratio Lower Upper

240 100

120 9.3 8.6 13.0

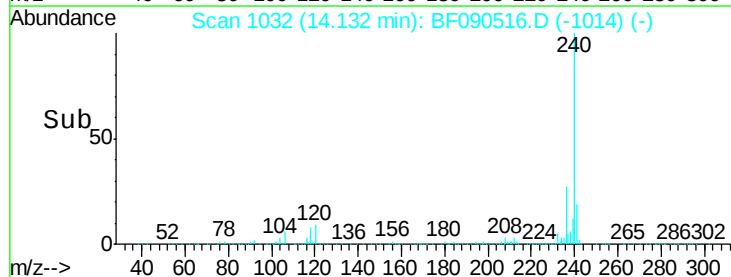
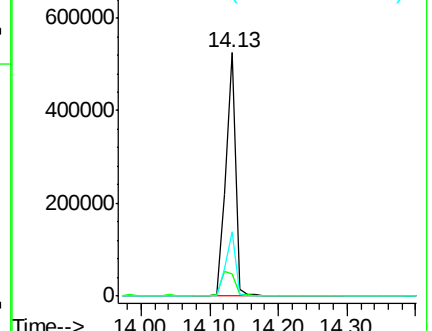
236 26.7 21.6 32.4

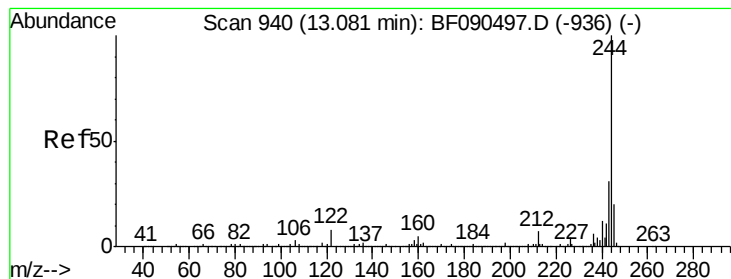


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.60 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

Instrument :

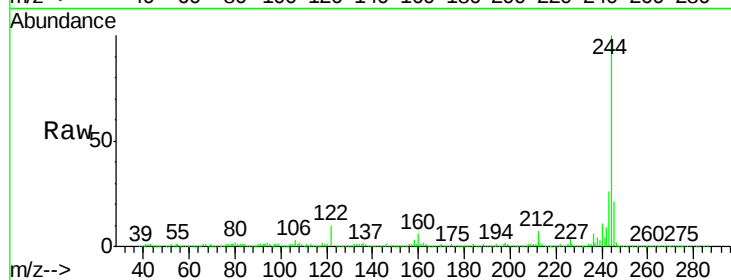
BNA_F

ClientSampleId :

S8-0619

Tot Ion:244 Resp: 1887543

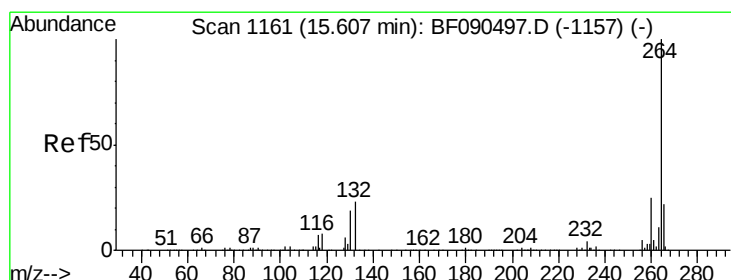
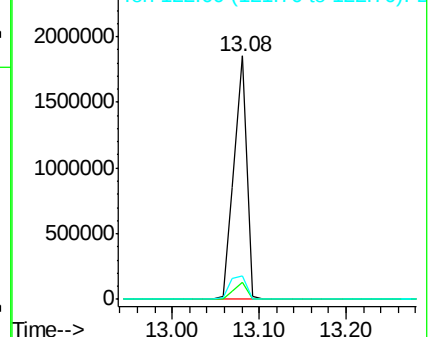
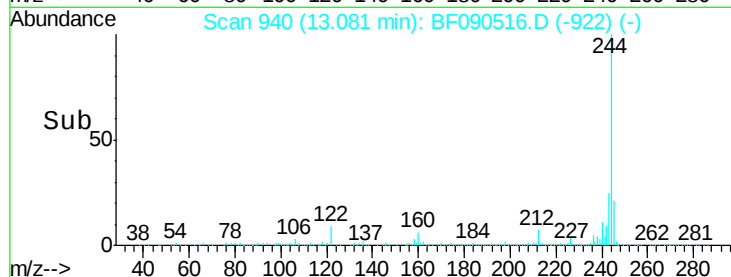
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.8	10.2
122	9.7	13.3	19.9#



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: 15.61 min Scan# 1161

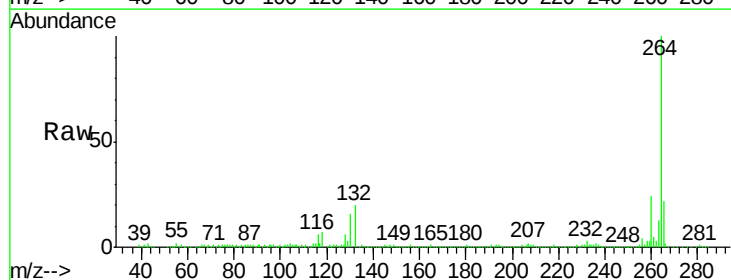
Delta R.T. 0.00 min

Lab File: BF090516.D

Acq: 11 Oct 2016 21:46

Tgt Ion:264 Resp: 379634

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.8	17.4	26.0



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

