

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086168.D
 Acq On : 8 Apr 2016 15:11
 Operator : UM/SJ
 Sample : H2166-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5RE

Quant Time: Apr 08 23:58:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

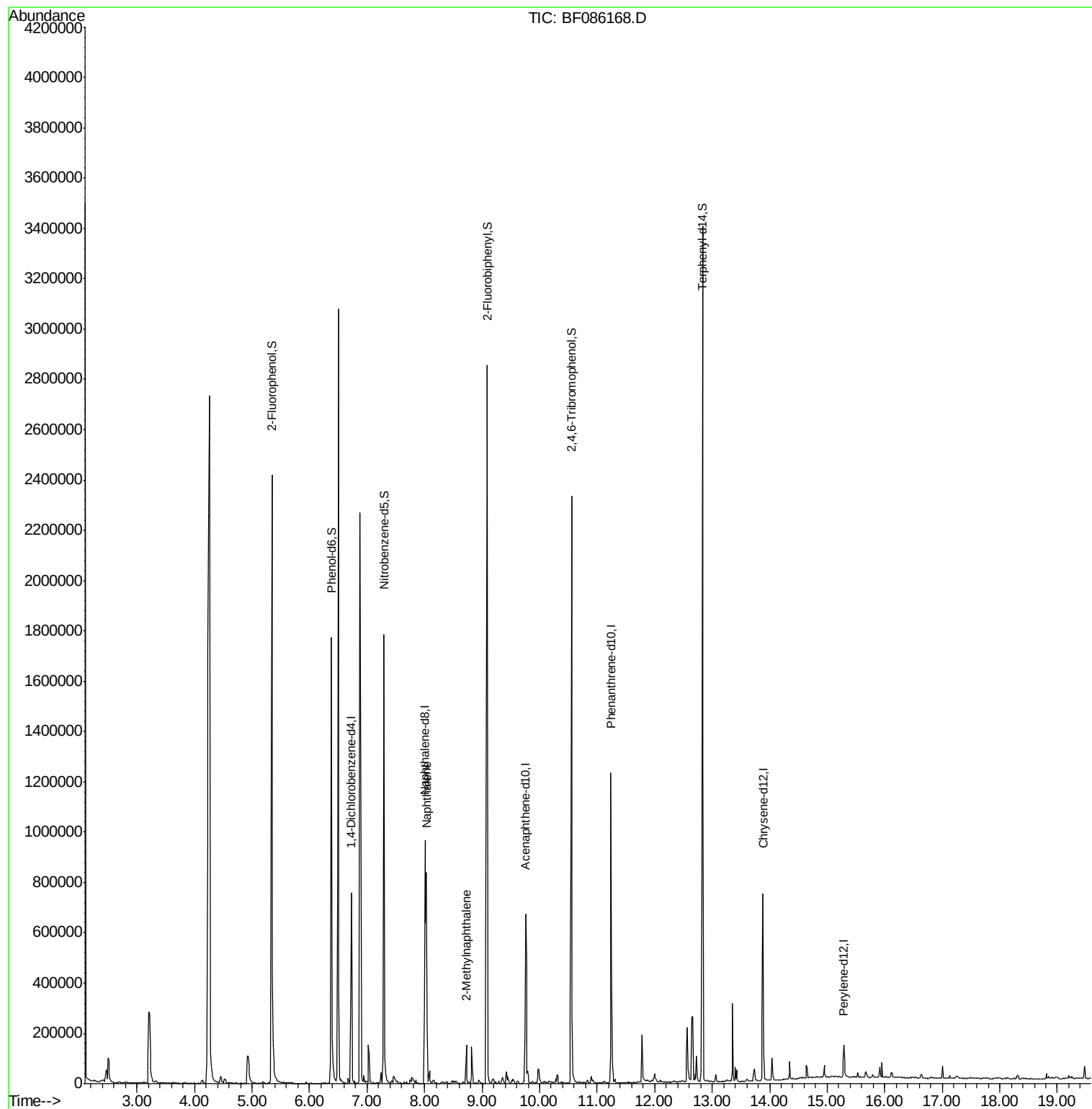
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	132010	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	540106	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	169064	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	447249	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	201758	20.00	ng	-0.05
86) Perylene-d12	15.28	264	4719	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	988329	127.97	ng	-0.02
7) Phenol-d6	6.38	99	949623	96.80	ng	-0.03
23) Nitrobenzene-d5	7.30	82	867202	94.69	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	351667	221.62	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1571736	154.58	ng	-0.05
78) Terphenyl-d14	12.83	244	1207527	140.69	ng	-0.05
Target Compounds						
31) Naphthalene	8.03	128	468280	17.24	ng	98
37) 2-Methylnaphthalene	8.73	142	54880	3.09	ng	98

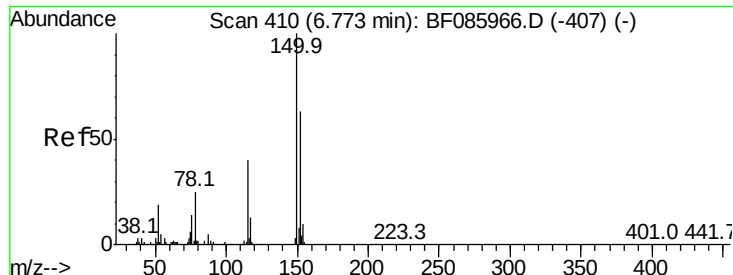
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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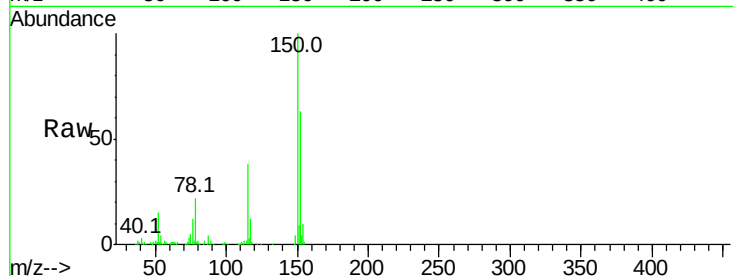


#1

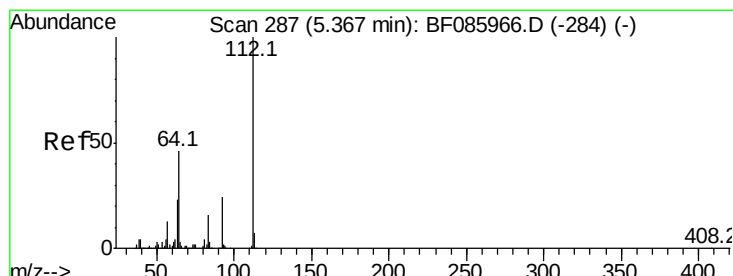
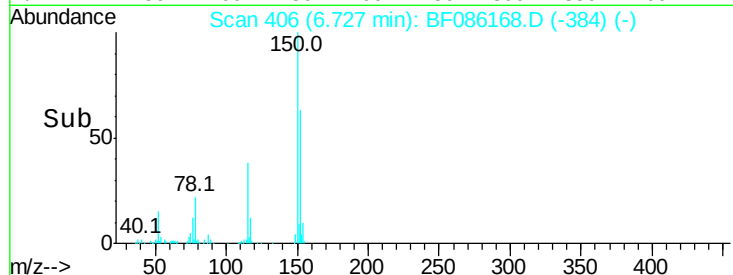
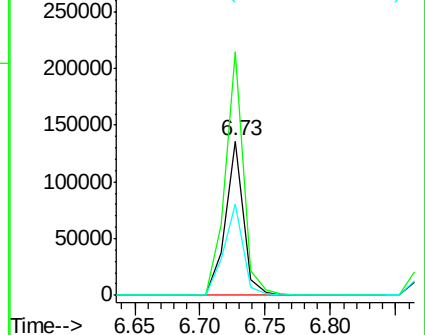
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
BNA_F
ClientSampleId :
COMP-OFL4-AND-L5RE

Tot Ion	152	Resp	132010
Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	59.6	47.0	70.6



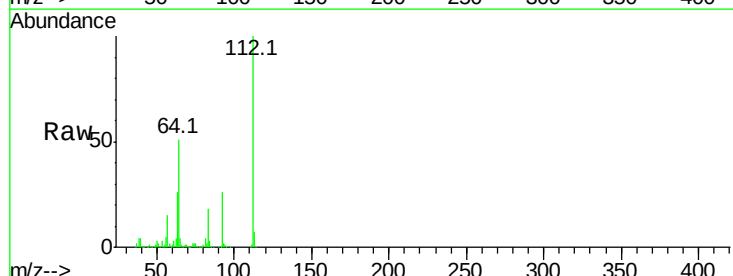
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



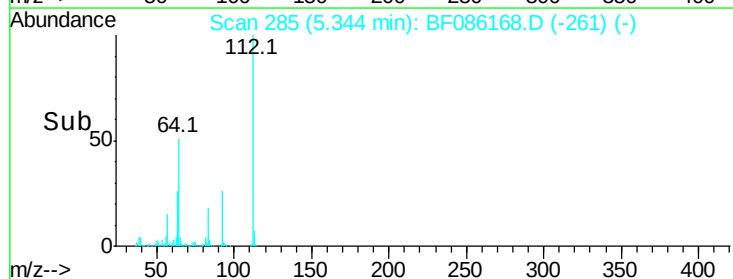
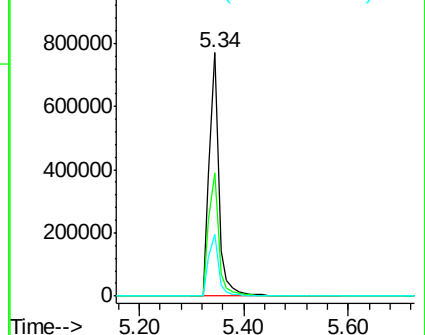
#5

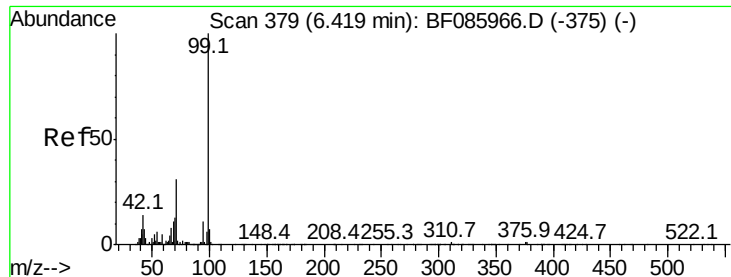
2-Fluorophenol
Concen: 127.97 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion	112	Resp	988329
Ion	Ratio	Lower	Upper
112	100		
64	50.6	39.9	59.9
63	25.5	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: 96.80 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086168.D

Acq: 8 Apr 2016 15:11

Instrument :

BNA_F

ClientSampleId :

COMP-OFL4-AND-L5RE

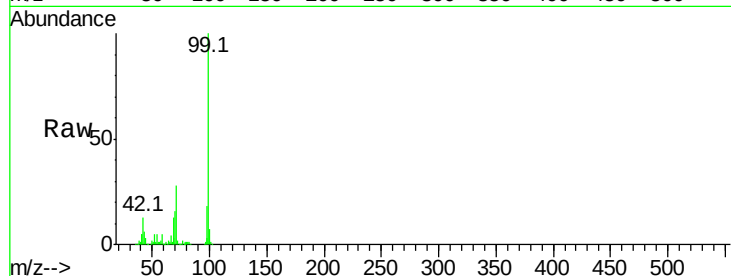
Tot Ion: 99 Resp: 949623

Ion Ratio Lower Upper

99 100

42 12.6 11.1 16.7

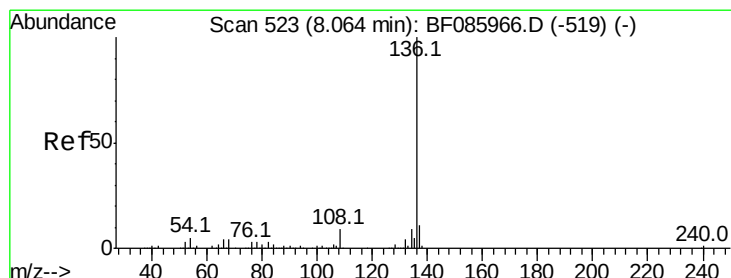
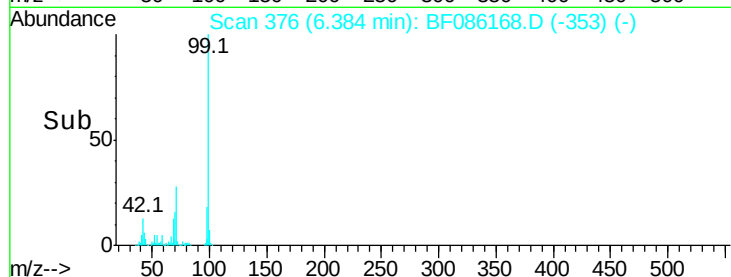
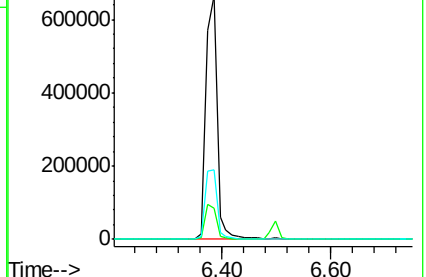
71 28.3 24.9 37.3



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: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086168.D

Acq: 8 Apr 2016 15:11

Tgt Ion: 136 Resp: 540106

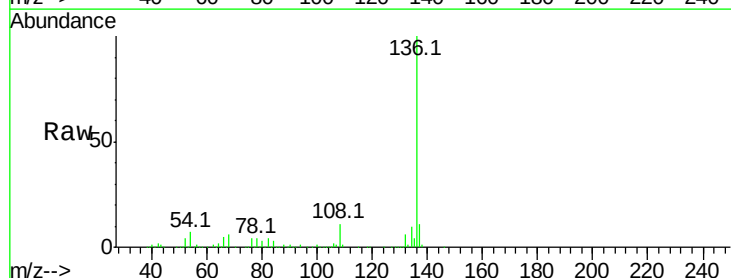
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.5 7.4 11.0

68 6.4 5.8 8.8

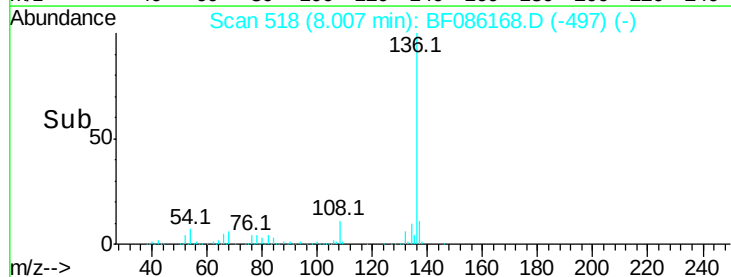
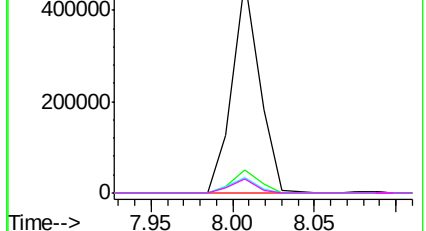


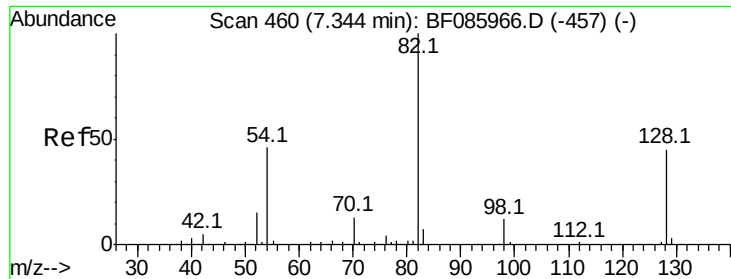
Abundance Ion 136.00 (135.70 to 136.70): E

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

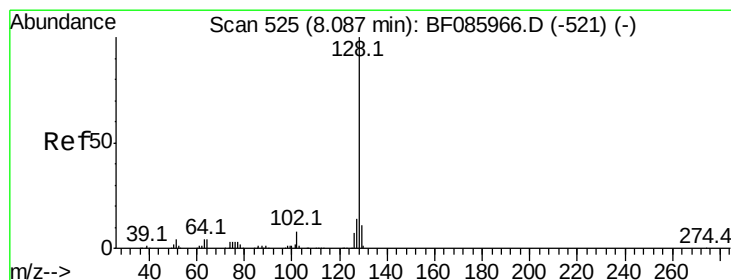
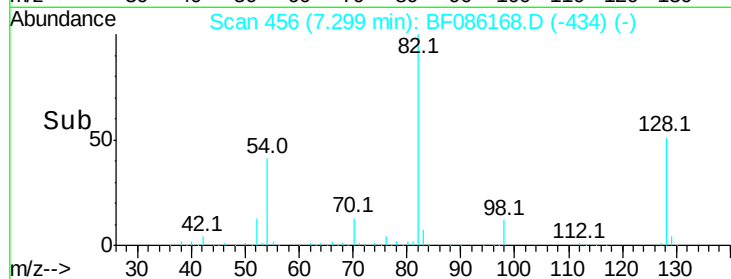
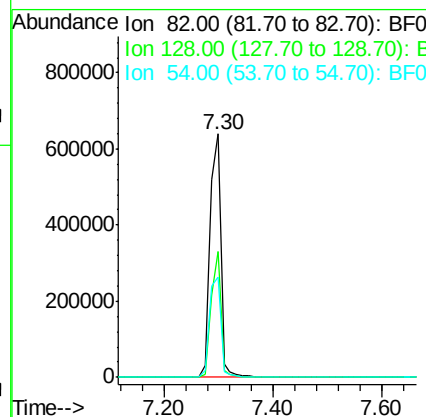
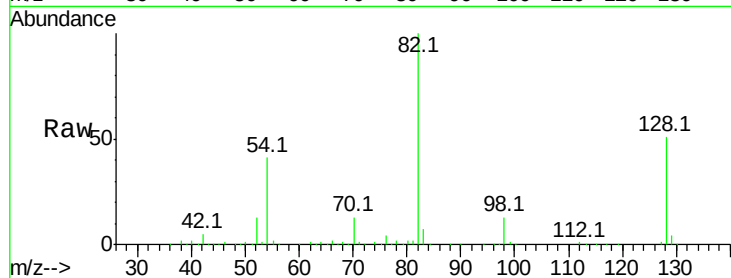




#23
 Nitrobenzene-d5
 Concen: 94.69 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086168.D
 Acq: 8 Apr 2016 15:11

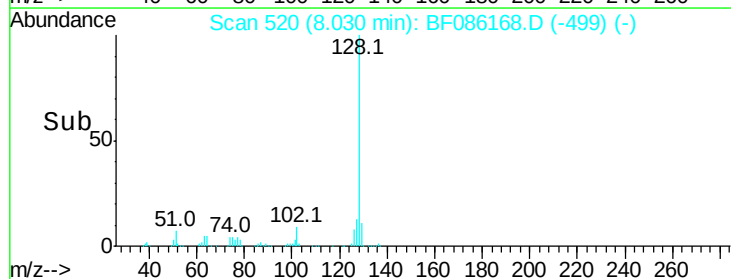
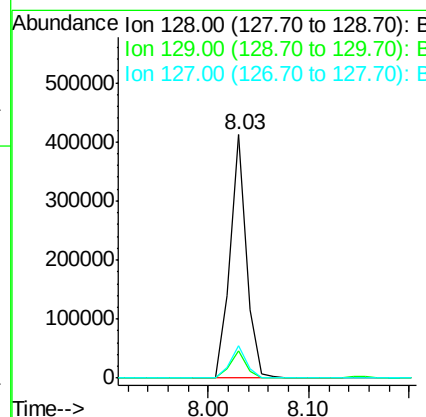
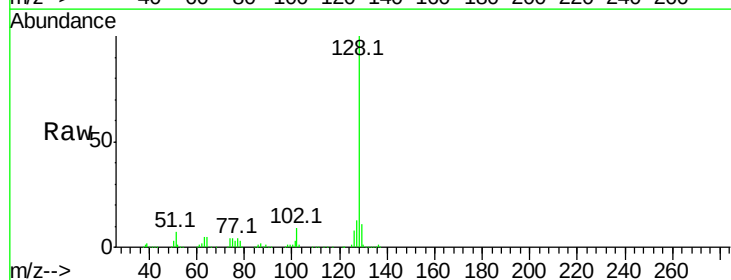
Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5RE

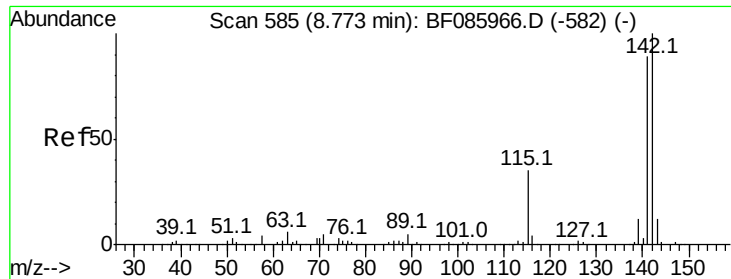
Tot Ion	Ratio	Lower	Upper
82	100		
128	51.5	41.8	62.8
54	41.3	33.4	50.0



#31
 Naphthalene
 Concen: 17.24 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF086168.D
 Acq: 8 Apr 2016 15:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.2	11.0	16.6

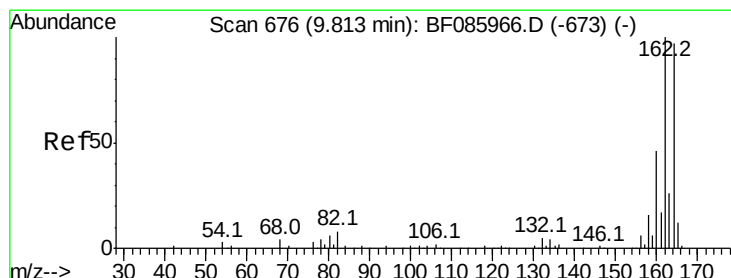
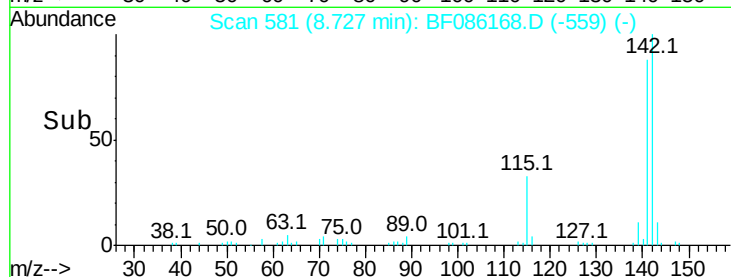
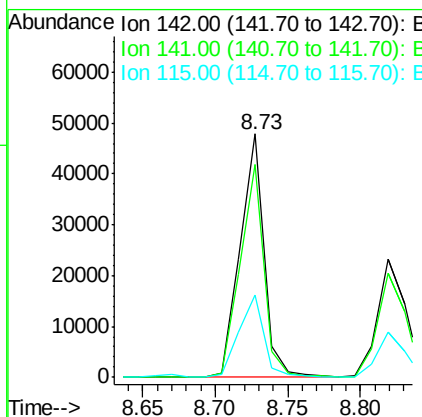
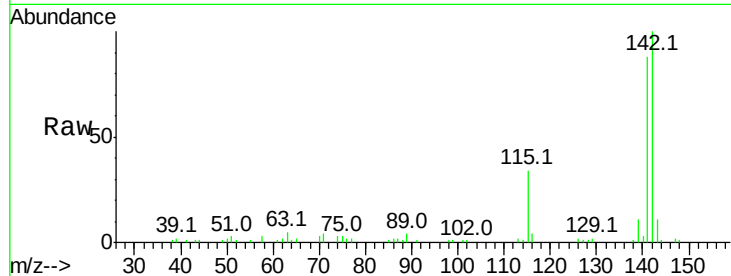




#37
 2-Methylnaphthalene
 Concen: 3.09 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086168.D
 Acq: 8 Apr 2016 15:11

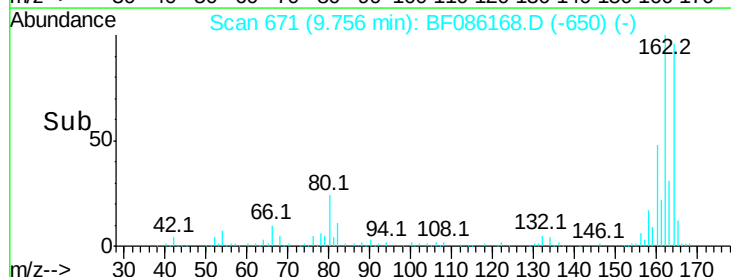
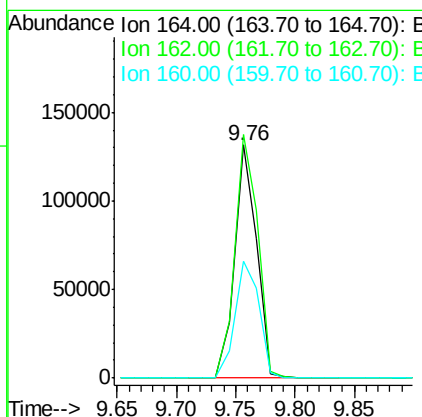
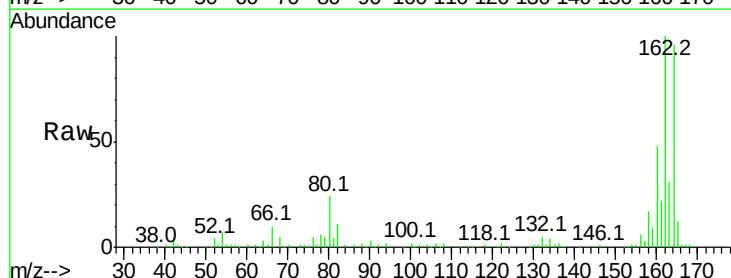
Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5RE

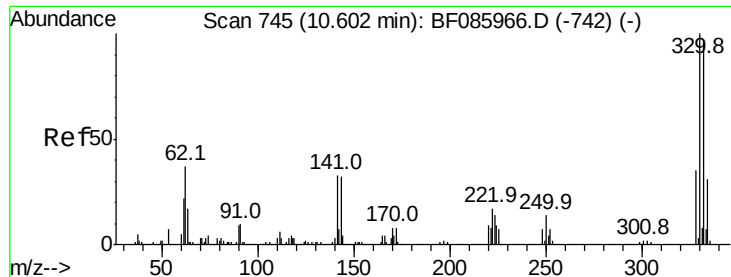
Tot Ion:142 Resp: 54880
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.6 107.4
 115 33.8 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.06 min
 Lab File: BF086168.D
 Acq: 8 Apr 2016 15:11

Tgt Ion:164 Resp: 169064
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.1 123.1
 160 50.1 37.4 56.2

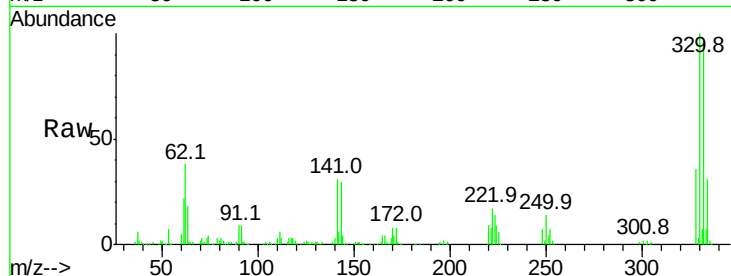




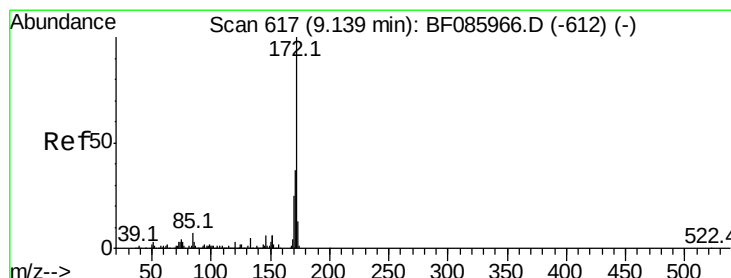
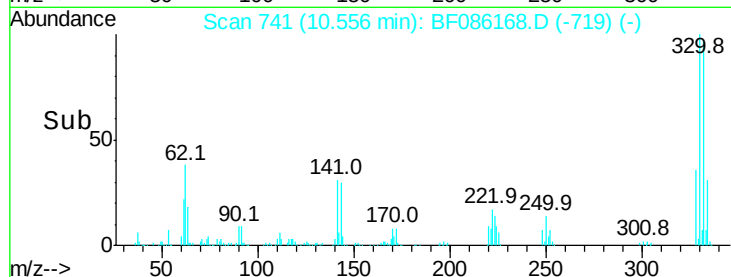
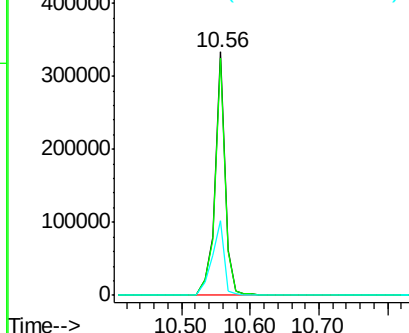
#41
 2,4,6-Tribromophenol
 Concen: 221.62 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086168.D
 Acq: 8 Apr 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 COMP-OFL4-AND-L5RE

Tot Ion:330 Resp: 351667
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 36.9 31.5 47.3

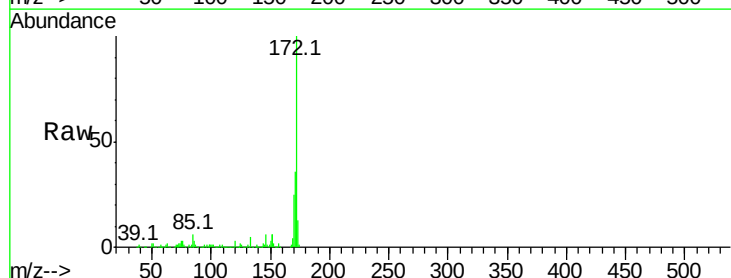


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

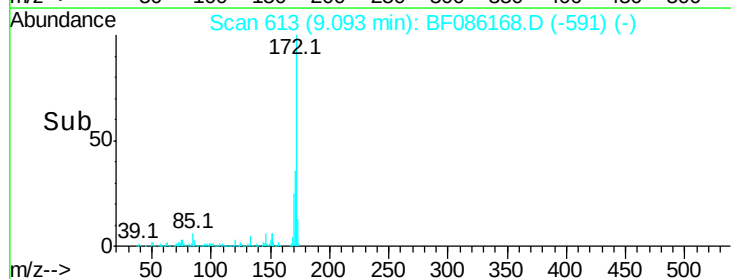
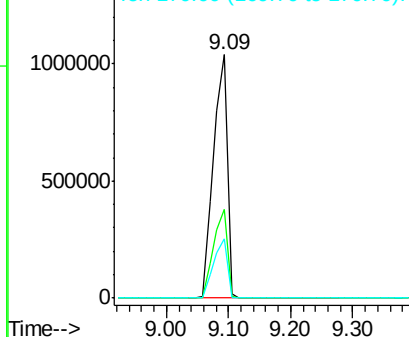


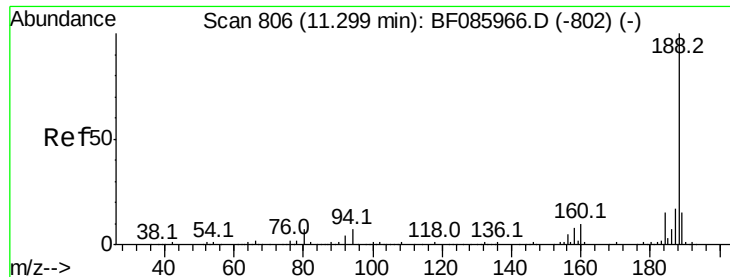
#44
 2-Fluorobiphenyl
 Concen: 154.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086168.D
 Acq: 8 Apr 2016 15:11

Tgt Ion:172 Resp: 1571736
 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

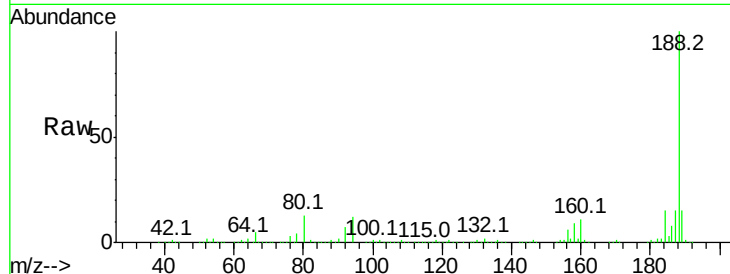




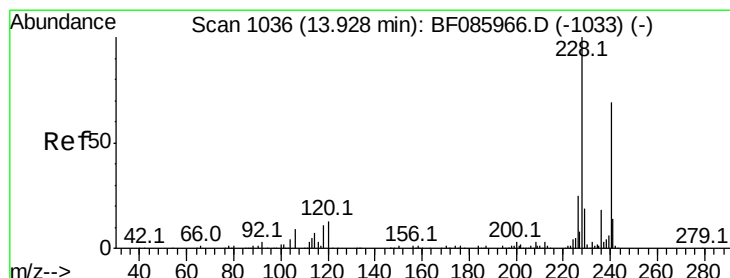
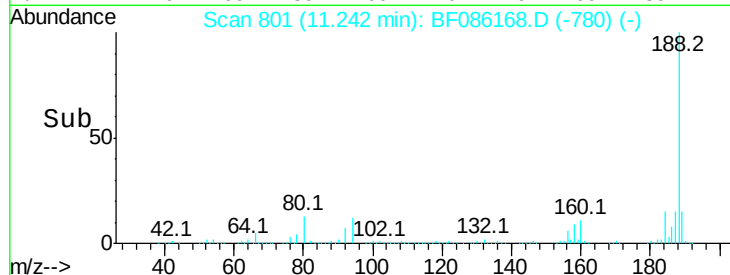
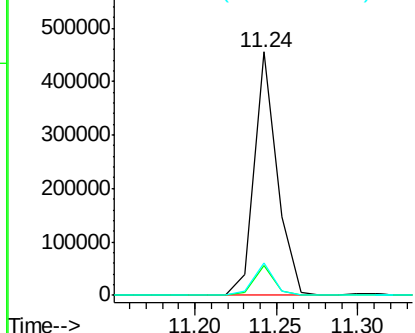
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Instrument :
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ClientSampleId :
COMP-OFL4-AND-L5RE

Tot Ion:188 Resp: 447249
Ion Ratio Lower Upper
188 100
94 12.1 5.4 8.0#
80 13.2 5.5 8.3#

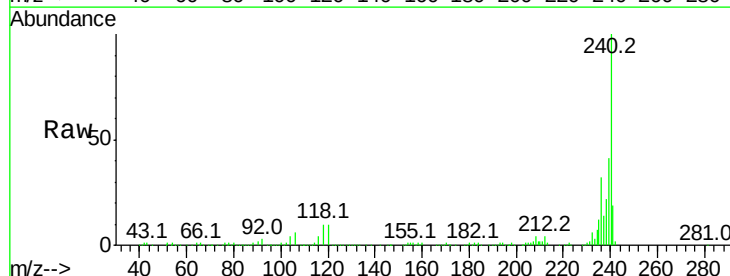


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

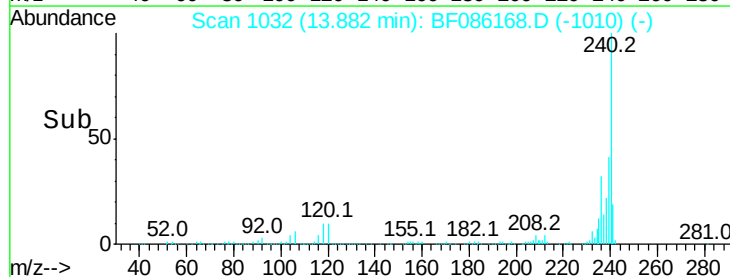
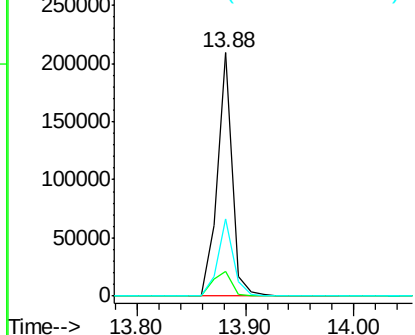


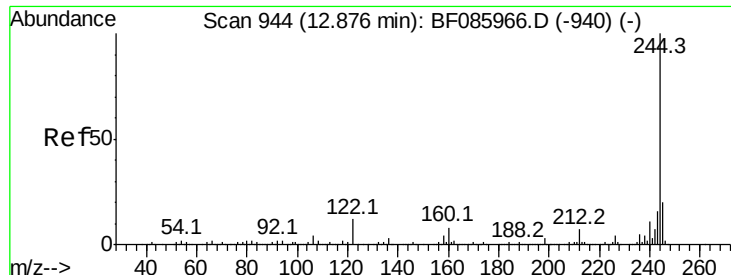
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086168.D
Acq: 8 Apr 2016 15:11

Tgt Ion:240 Resp: 201758
Ion Ratio Lower Upper
240 100
120 9.9 13.8 20.8#
236 31.5 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: 140.69 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086168.D

Acq: 8 Apr 2016 15:11

Instrument :

BNA_F

ClientSampleId :

COMP-OFL4-AND-L5RE

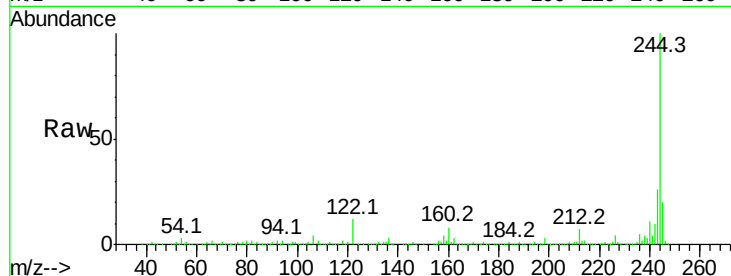
Tot Ion:244 Resp: 1207527

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

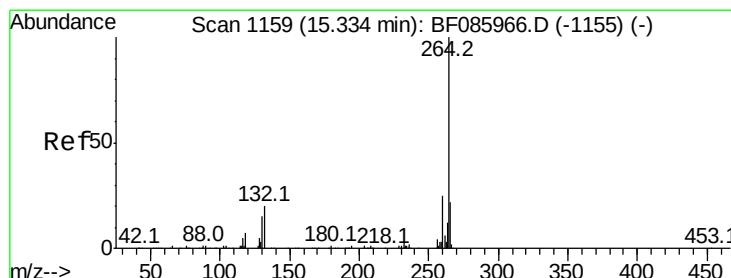
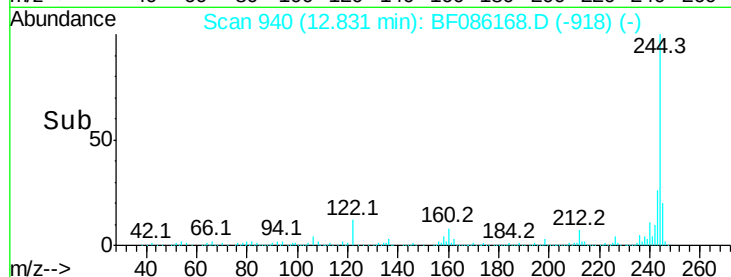
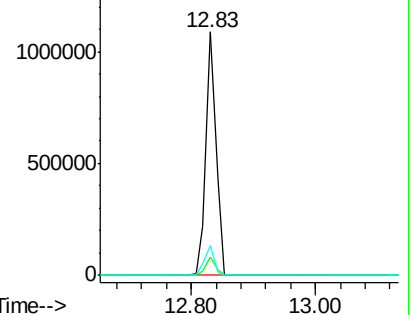
122 12.0 10.2 15.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086168.D

Acq: 8 Apr 2016 15:11

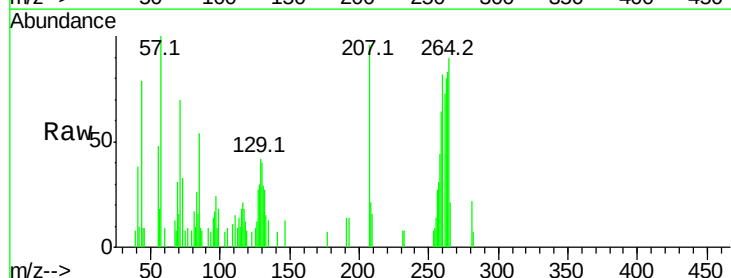
Tgt Ion:264 Resp: 4719

Ion Ratio Lower Upper

264 100

260 90.7 19.4 29.2#

265 23.0 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

