

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088809.D
 Acq On : 8 Jul 2016 6:25
 Operator : UM/SJ
 Sample : H3897-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jul 08 07:05:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

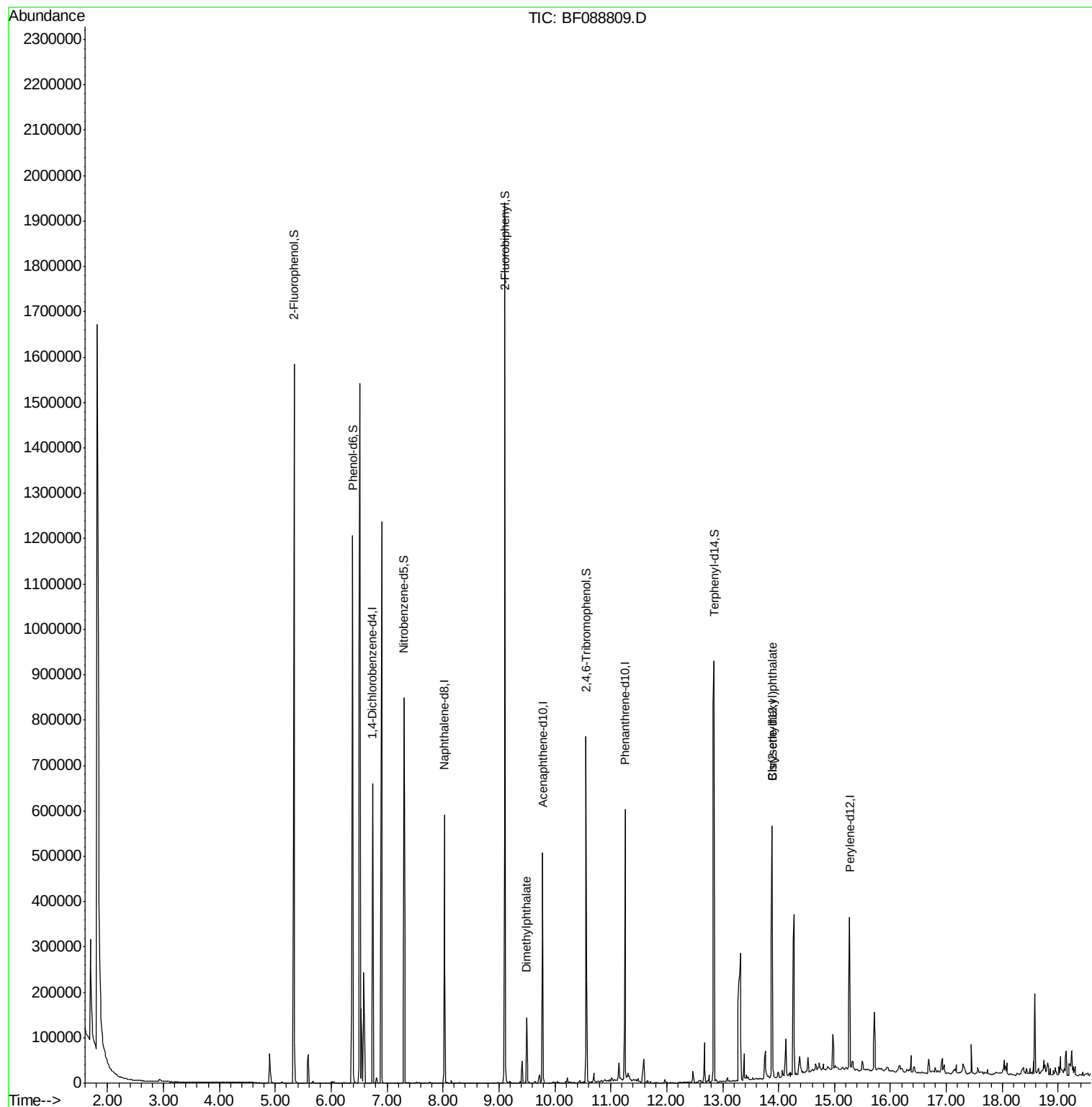
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	88953	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	302777	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	124001	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	200676	20.00	ng	0.00
75) Chrysene-d12	13.89	240	186488	20.00	ng	0.00
86) Perylene-d12	15.27	264	136469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	435698	73.41	ng	0.01
7) Phenol-d6	6.39	99	634477	82.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	322159	55.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	87758	76.21	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	584163	74.41	ng	0.00
78) Terphenyl-d14	12.85	244	407824	48.71	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	59326	6.72	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	24652	3.06	ng	# 98

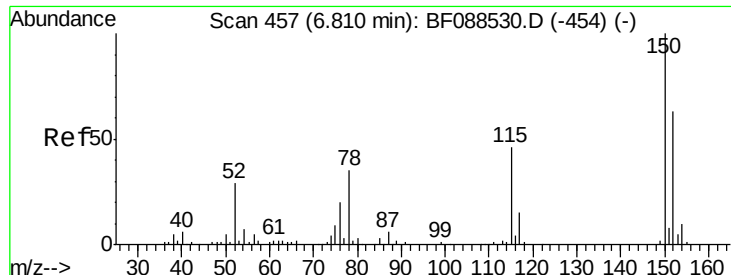
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

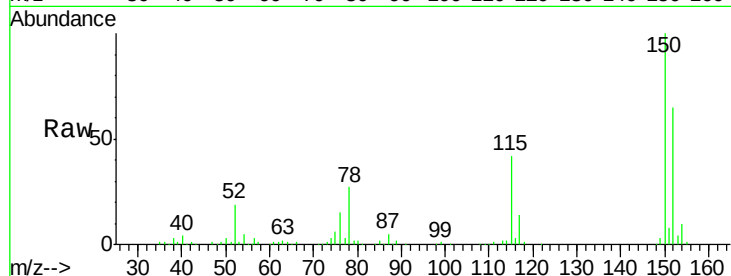
Tot Ion:152 Resp: 88953

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

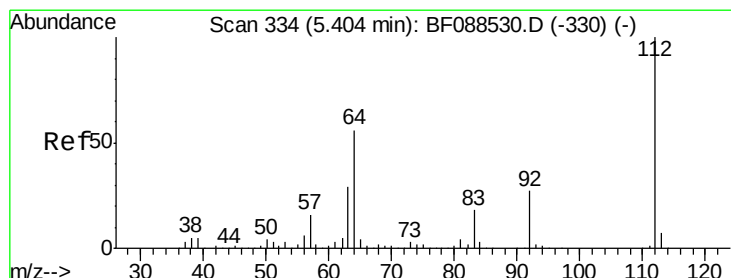
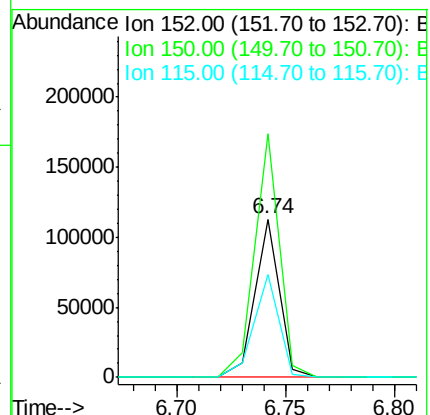
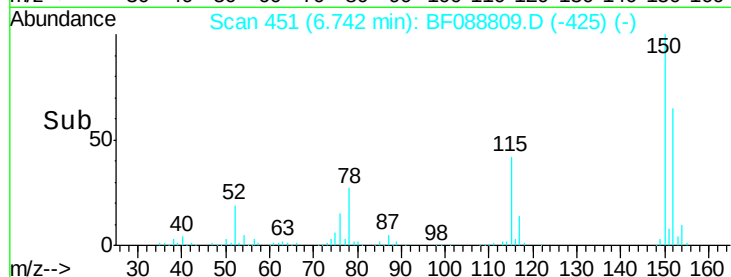
115 65.3 39.6 59.4#



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: 73.41 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

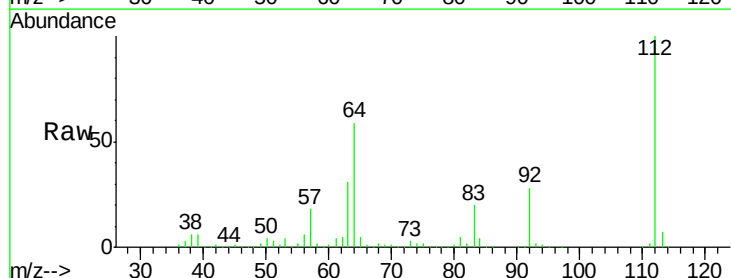
Tgt Ion:112 Resp: 435698

Ion Ratio Lower Upper

112 100

64 58.7 42.2 63.2

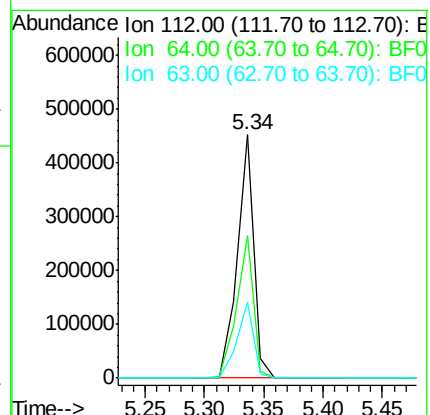
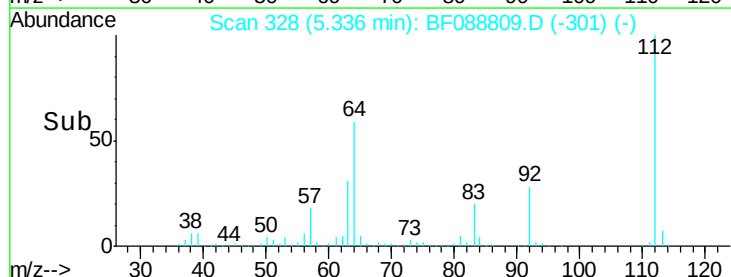
63 31.0 21.8 32.8

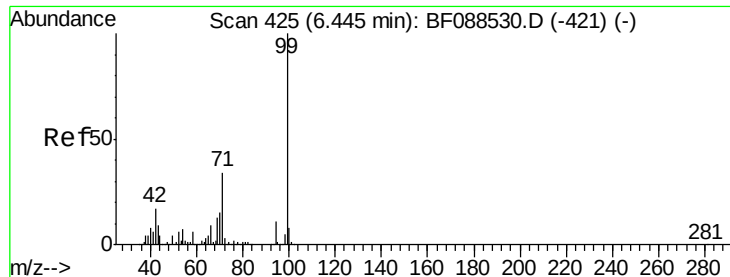


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.73 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

Instrument :

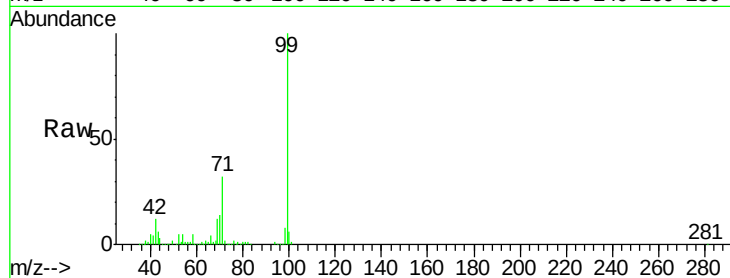
BNA_F

ClientSampleId :

SB-04-COMP

Tot Ion: 99 Resp: 634477

Ion	Ratio	Lower	Upper
99	100		
42	12.3	12.2	18.2
71	31.5	23.4	35.0

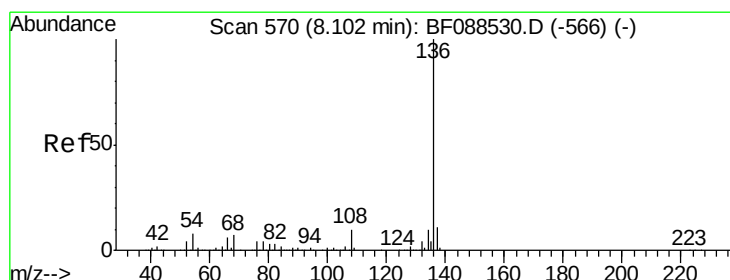
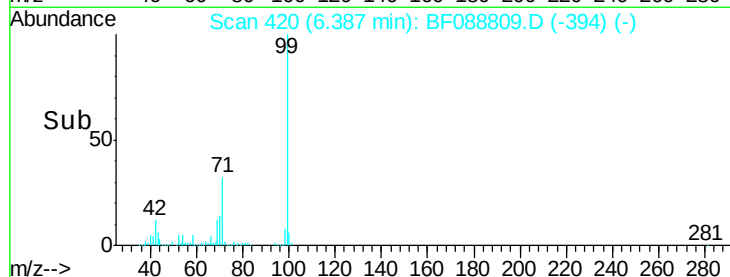
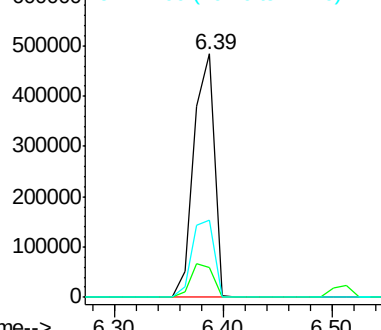


Abundance

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: 8.02 min Scan# 563

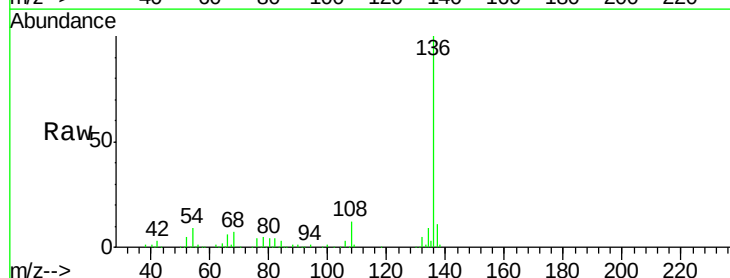
Delta R.T. -0.01 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

Tgt Ion: 136 Resp: 302777

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.2	6.6	10.0
68	7.3	5.1	7.7



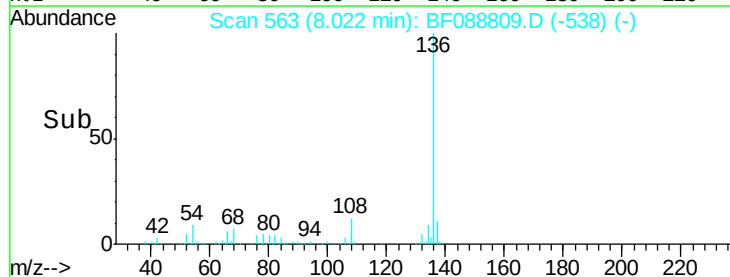
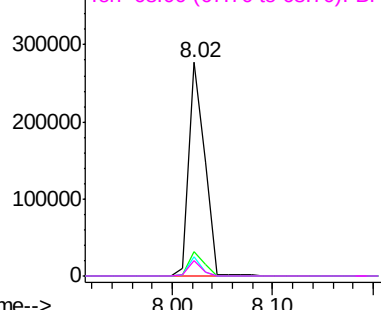
Abundance

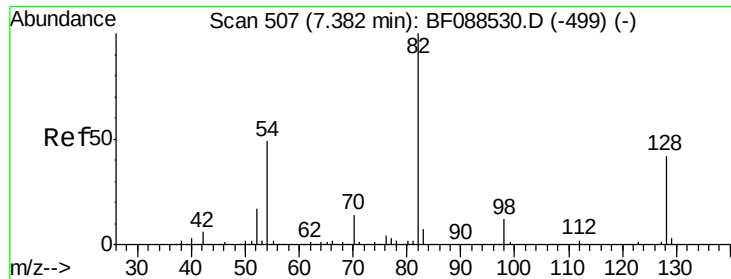
Ion 136.00 (135.70 to 136.70): E

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

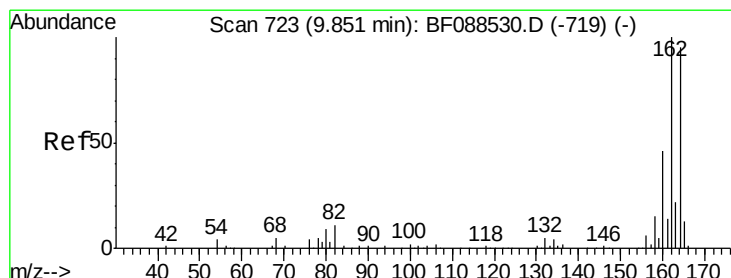
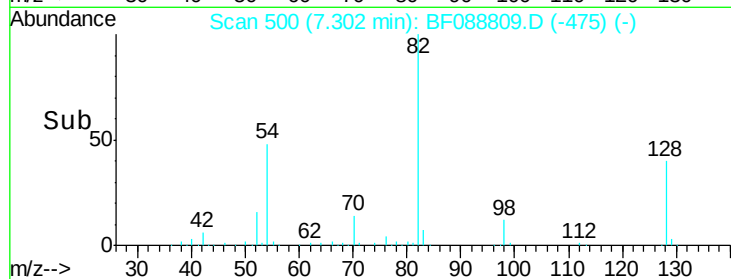
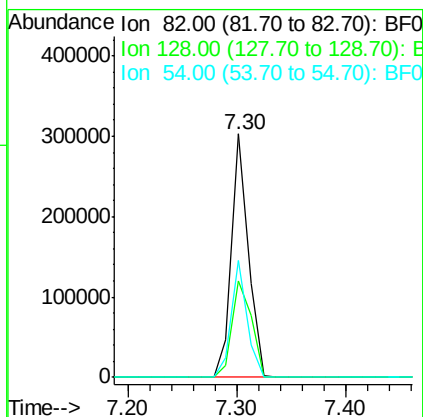
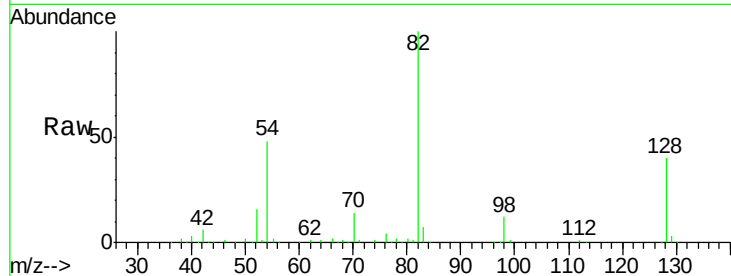




#23
 Nitrobenzene-d5
 Concen: 55.76 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088809.D
 Acq: 8 Jul 2016 6:25

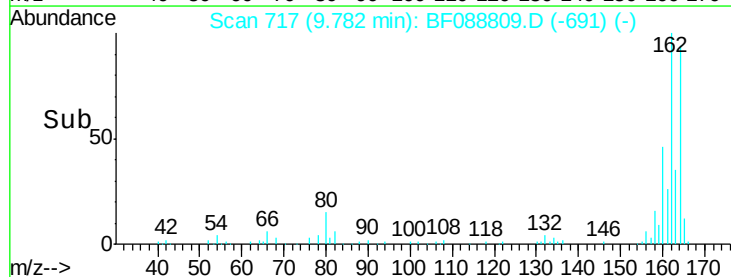
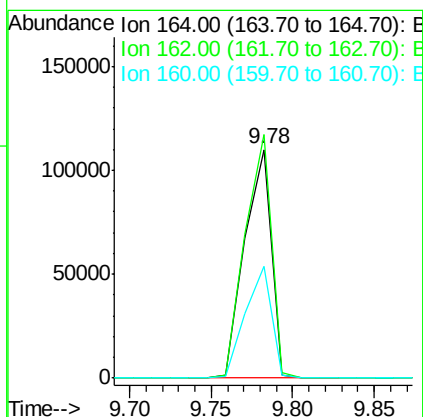
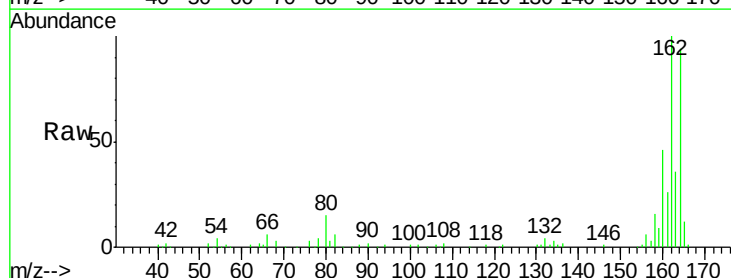
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

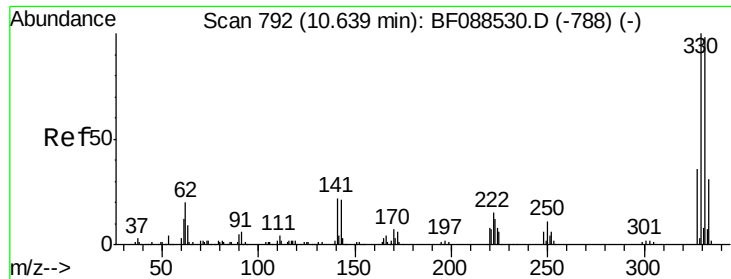
Tot Ion	82	Resp	322159
Ion Ratio	Lower	Upper	
82	100		
128	39.5	35.9	53.9
54	48.0	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088809.D
 Acq: 8 Jul 2016 6:25

Tgt Ion	164	Resp	124001
Ion Ratio	Lower	Upper	
164	100		
162	106.5	85.4	128.2
160	49.1	39.5	59.3

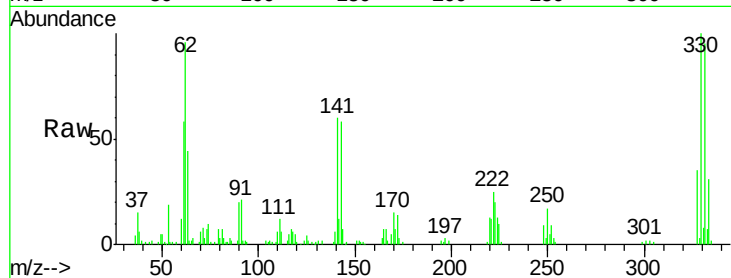




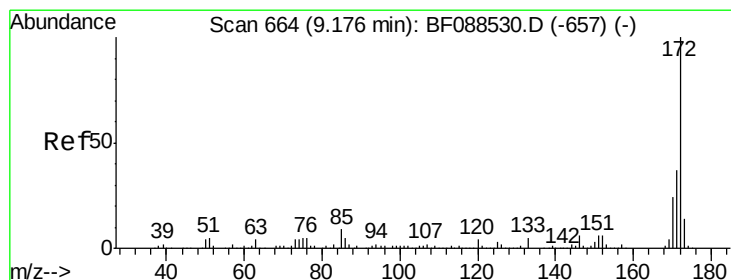
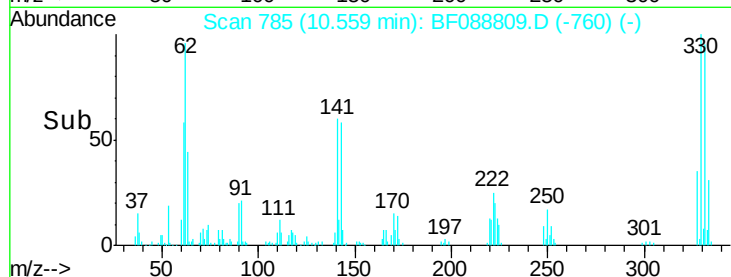
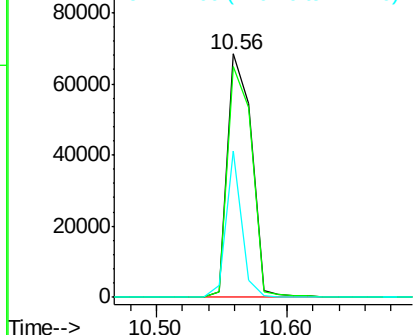
#41
 2,4,6-Tribromophenol
 Concen: 76.21 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088809.D
 Acq: 8 Jul 2016 6:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	38.9	0.0	0.0#

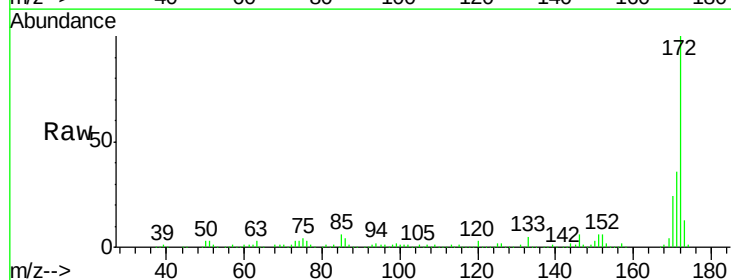


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

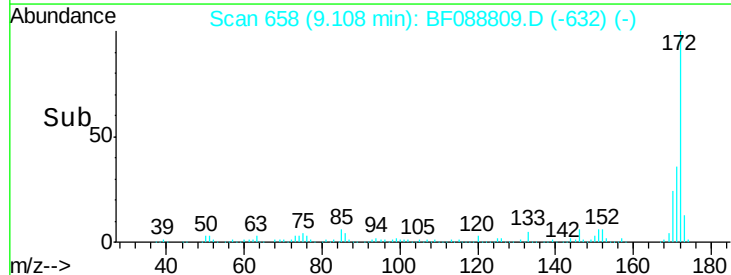
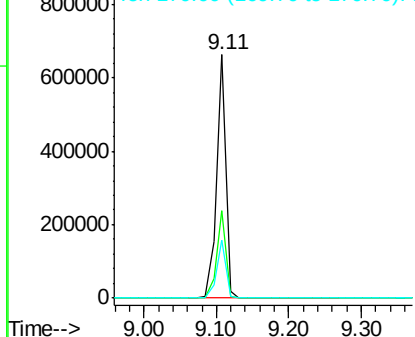


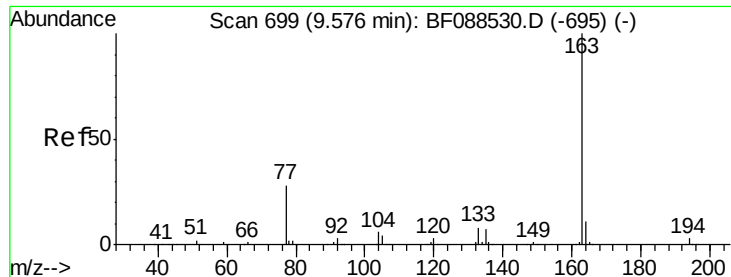
#44
 2-Fluorobiphenyl
 Concen: 74.41 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088809.D
 Acq: 8 Jul 2016 6:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.2	28.8



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: 6.72 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

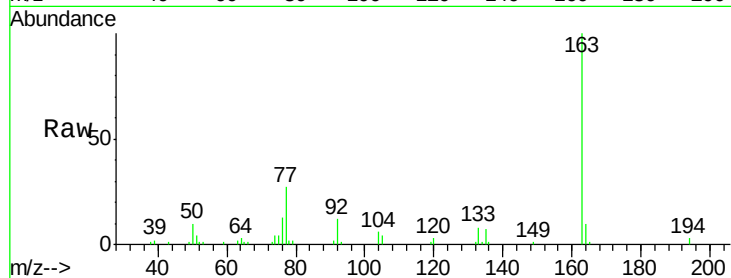
Tot Ion:163 Resp: 59326

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

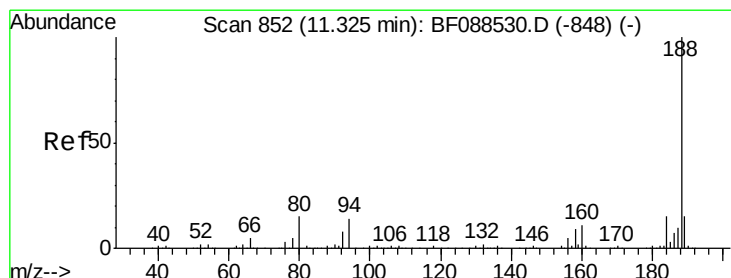
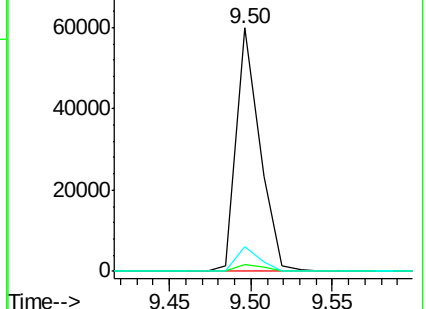
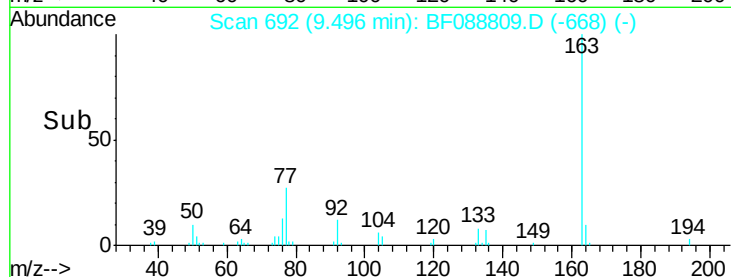
164 10.3 8.3 12.5



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: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

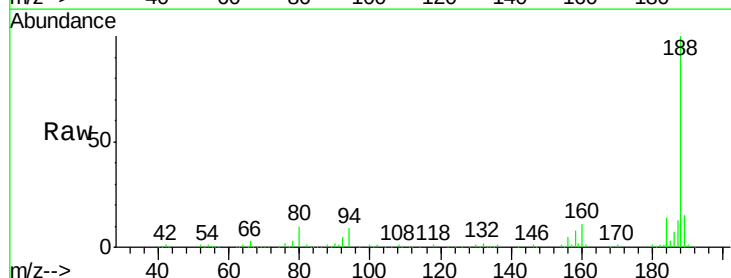
Tgt Ion:188 Resp: 200676

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.6

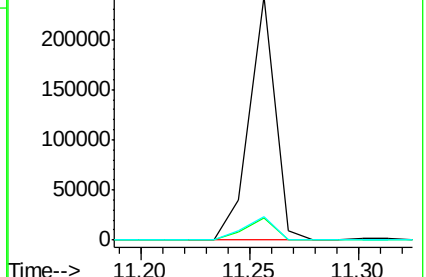
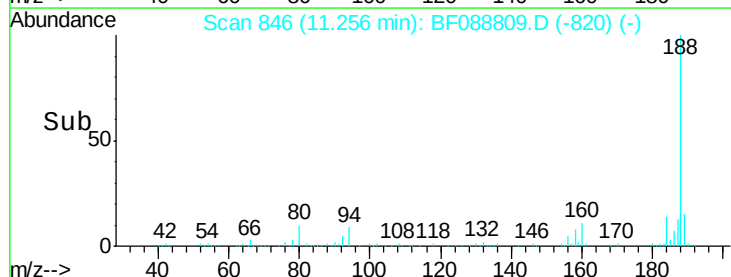
80 9.8 10.0 15.0#

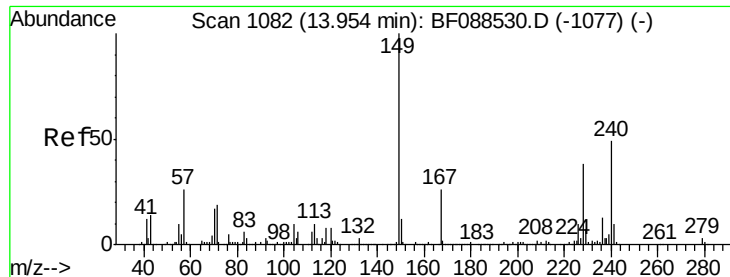


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

Instrument :

BNA_F

ClientSampled :

SB-04-COMP

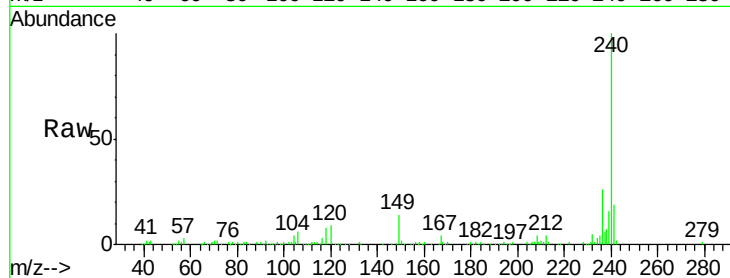
Tot Ion:240 Resp: 186488

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

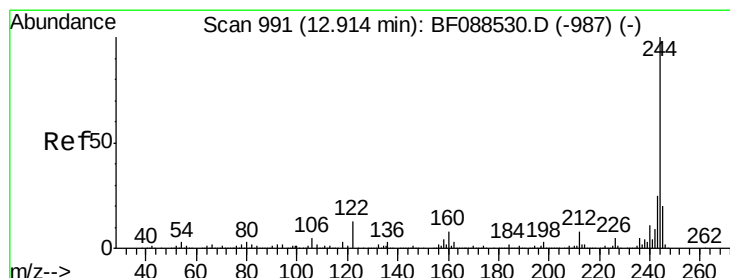
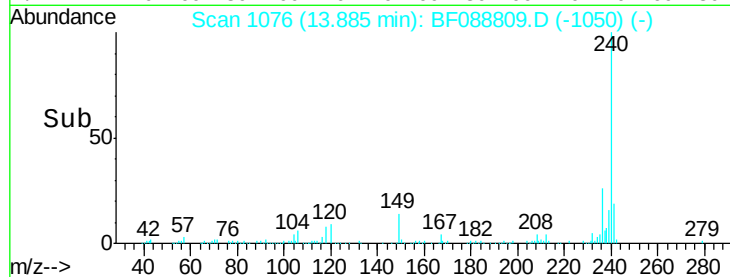
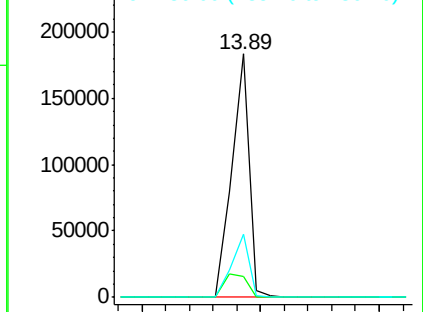
236 25.7 20.2 30.2



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: 48.71 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088809.D

Acq: 8 Jul 2016 6:25

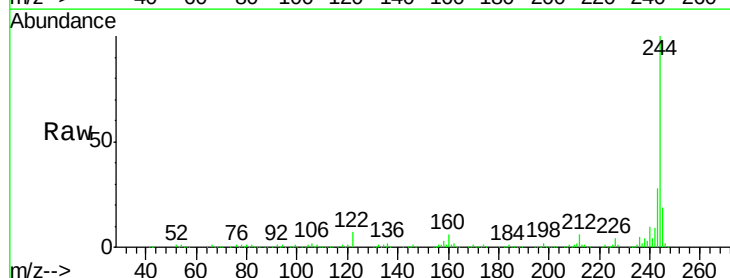
Tgt Ion:244 Resp: 407824

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

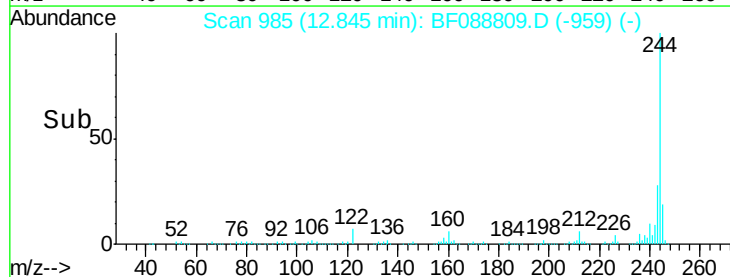
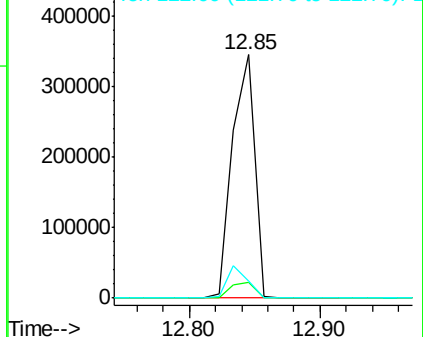
122 6.8 11.2 16.8#

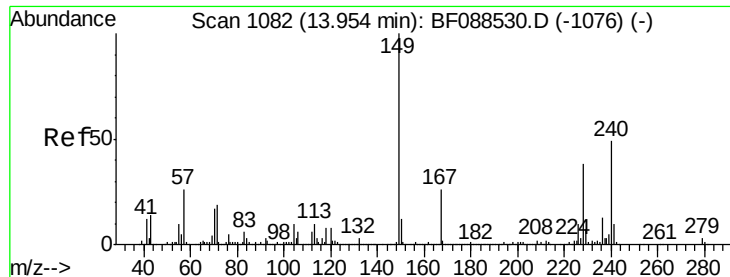


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

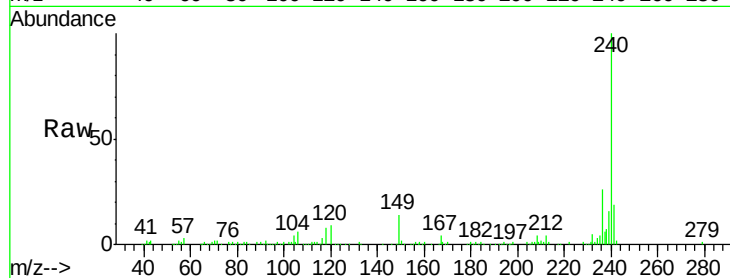




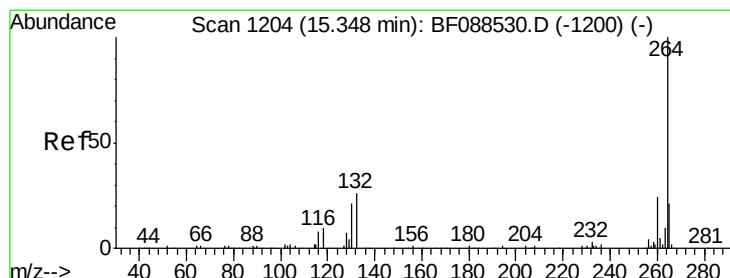
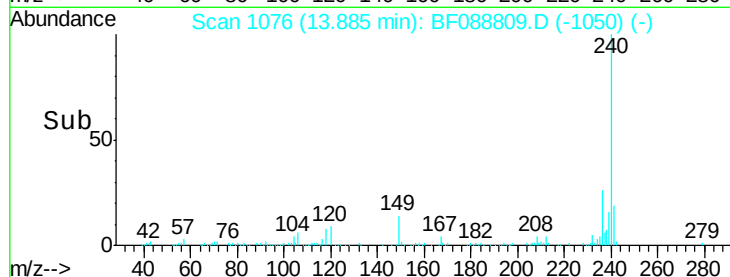
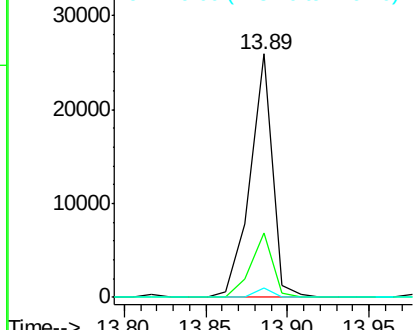
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.06 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF088809.D
 Acq: 8 Jul 2016 6:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion:149 Resp: 24652
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.5 30.7
 279 4.0 2.0 3.0#

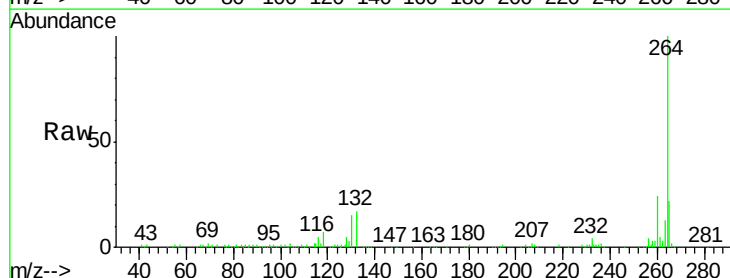


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF088809.D
 Acq: 8 Jul 2016 6:25

Tgt Ion:264 Resp: 136469
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.8 16.9 25.3



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

