

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
 Data File : BF090429.D
 Acq On : 6 Oct 2016 20:20
 Operator : UM/SJ
 Sample : H5110-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROW

Quant Time: Oct 07 00:09:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

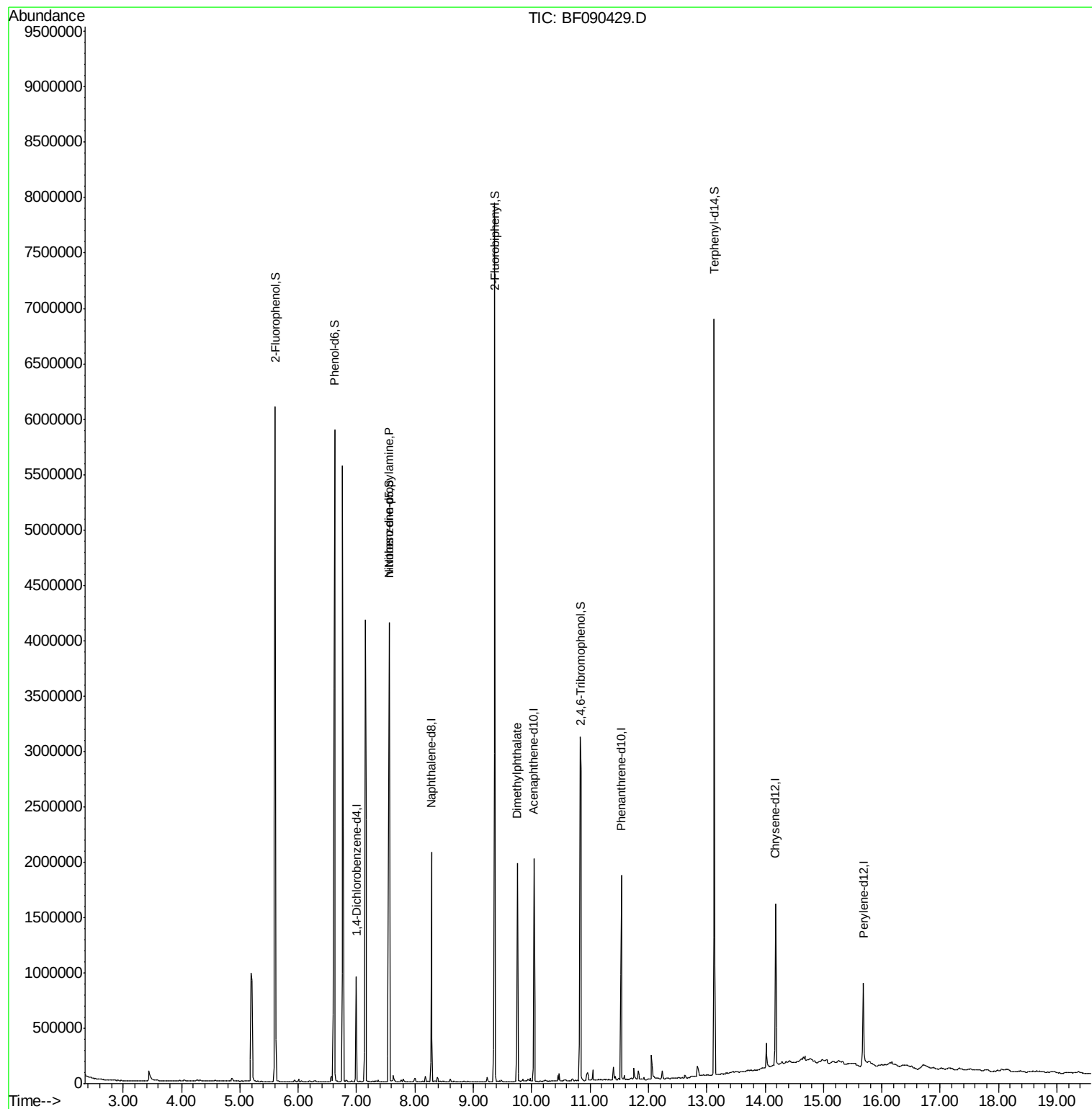
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	206134	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	855013	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	421402	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	731933	20.00	ng	-0.01
75) Chrysene-d12	14.18	240	437938	20.00	ng	-0.02
86) Perylene-d12	15.69	264	381734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1684954	122.00	ng	0.00
7) Phenol-d6	6.62	99	2540206	140.42	ng	0.00
23) Nitrobenzene-d5	7.56	82	1622130	92.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	593876	173.32	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2446235	96.72	ng	-0.01
78) Terphenyl-d14	13.13	244	1975431	101.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	227714	17.17	ng	Qvalue # 62
49) Dimethylphthalate	9.75	163	682483	25.29	ng	98

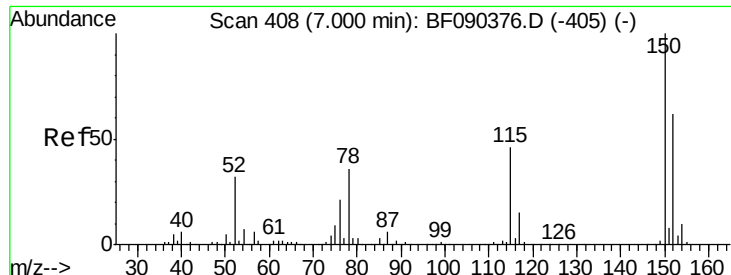
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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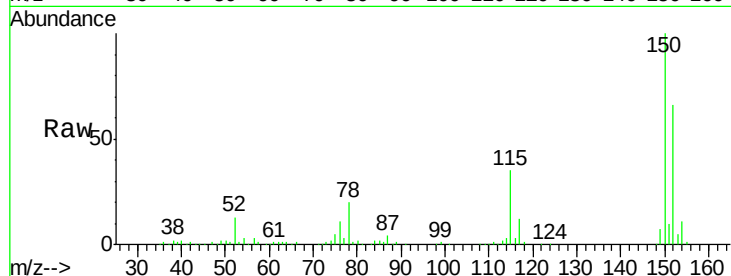


#1

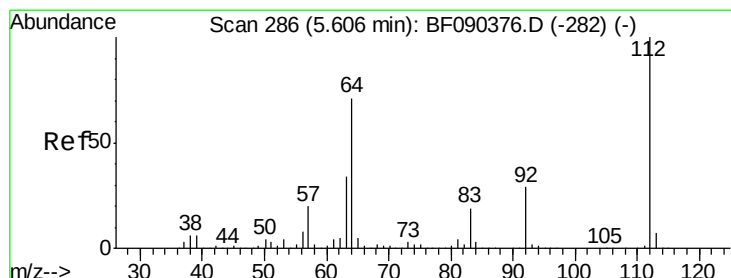
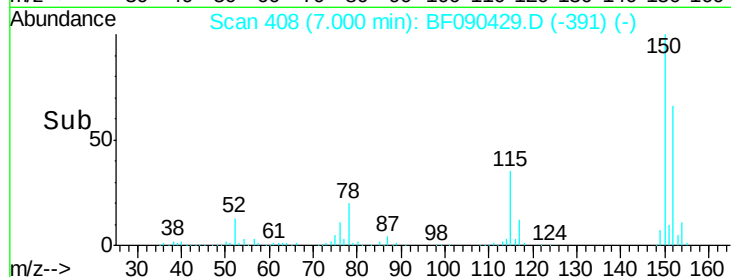
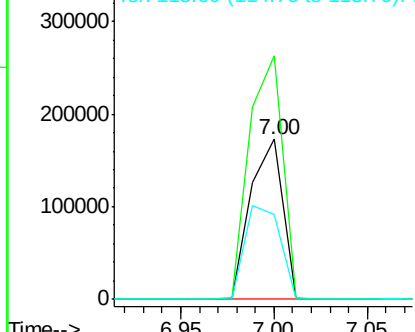
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090429.D
Acq: 6 Oct 2016 20:20

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROW

Tgt Ion:152 Resp: 206134
Ion Ratio Lower Upper
152 100
150 152.0 124.6 186.8
115 53.0 46.2 69.4



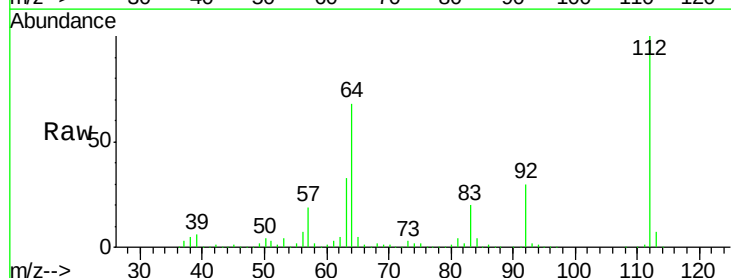
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



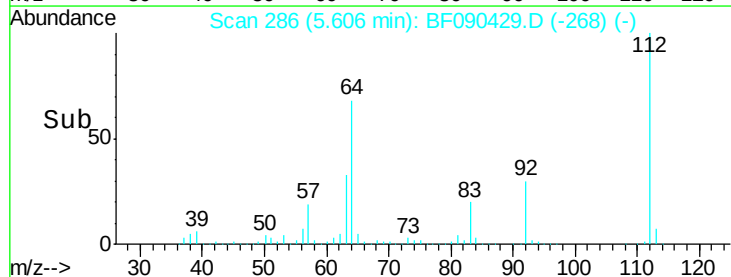
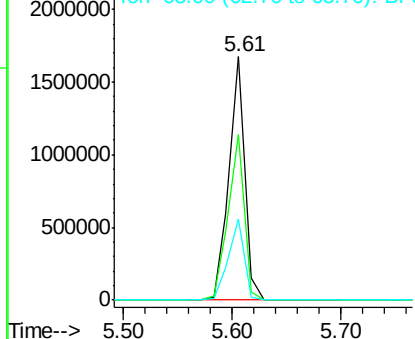
#5

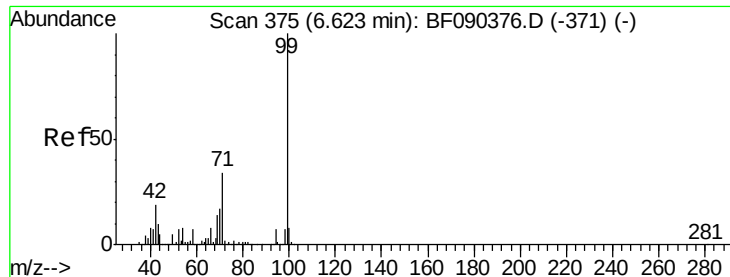
2-Fluorophenol
Concen: 122.00 ng
RT: 5.61 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF090429.D
Acq: 6 Oct 2016 20:20

Tgt Ion:112 Resp: 1684954
Ion Ratio Lower Upper
112 100
64 67.8 57.9 86.9
63 33.0 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: 140.42 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090429.D

Acq: 6 Oct 2016 20:20

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROW

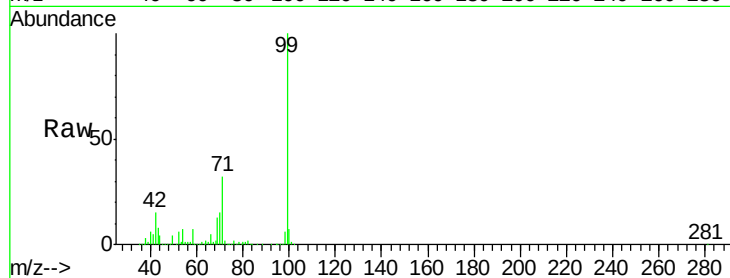
Tgt Ion: 99 Resp: 2540206

Ion Ratio Lower Upper

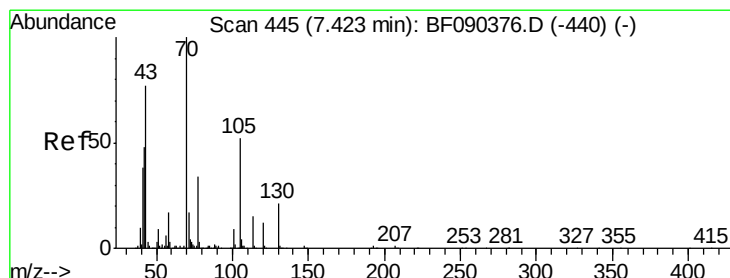
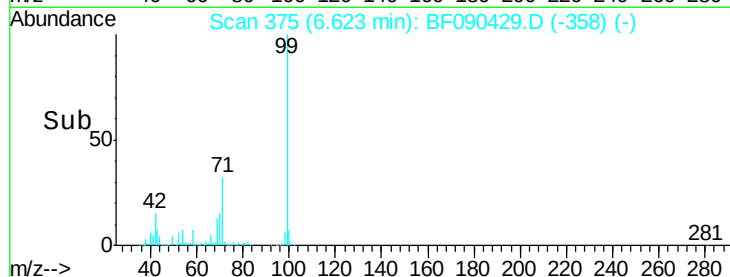
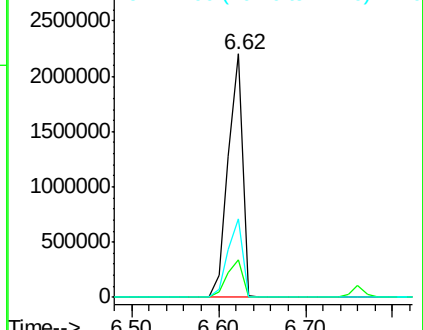
99 100

42 15.2 20.0 30.0#

71 32.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.17 ng

RT: 7.56 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF090429.D

Acq: 6 Oct 2016 20:20

Tgt Ion: 70 Resp: 227714

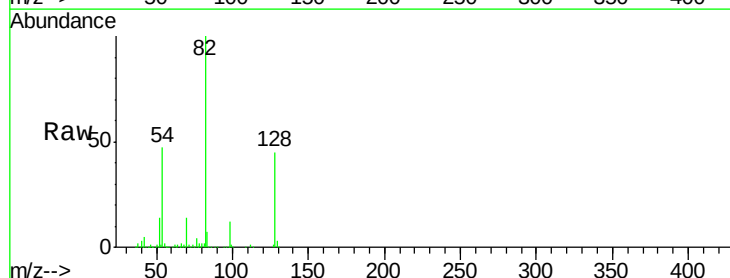
Ion Ratio Lower Upper

70 100

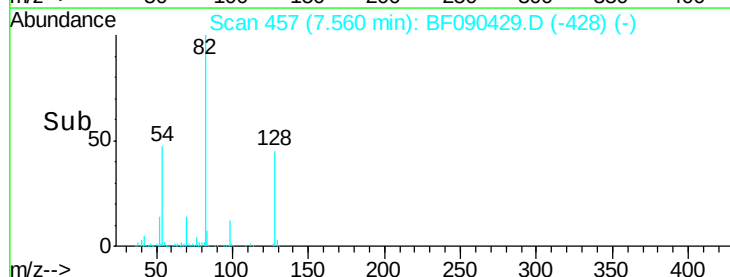
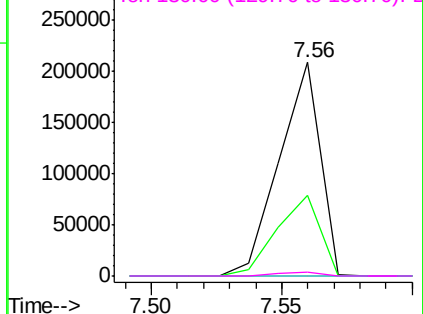
42 37.5 55.4 83.2#

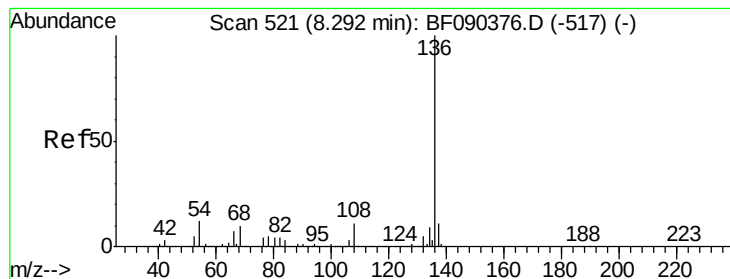
101 0.0 7.6 11.4#

130 2.0 16.5 24.7#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090429.D

Acq: 6 Oct 2016 20:20

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROW

Tgt Ion: 136 Resp: 855013

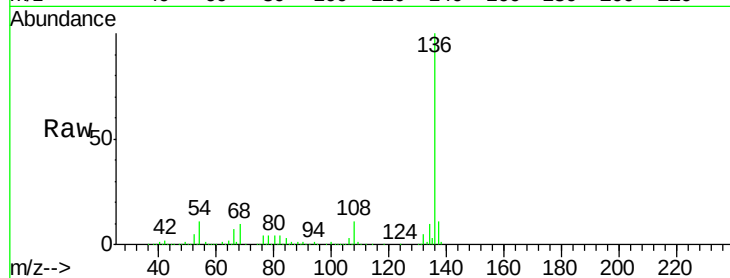
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.1 6.6 10.0#

68 9.6 5.0 7.6#

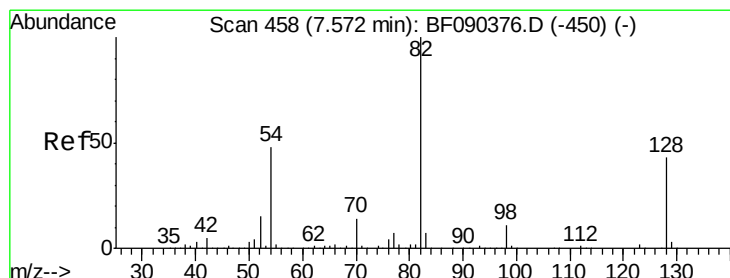
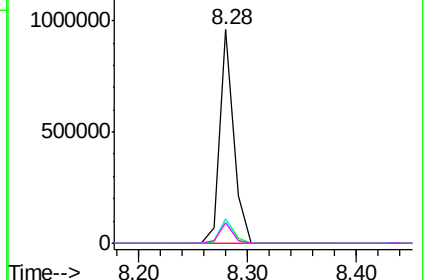
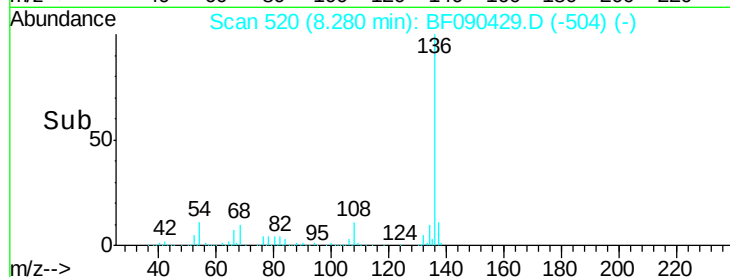


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.29 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090429.D

Acq: 6 Oct 2016 20:20

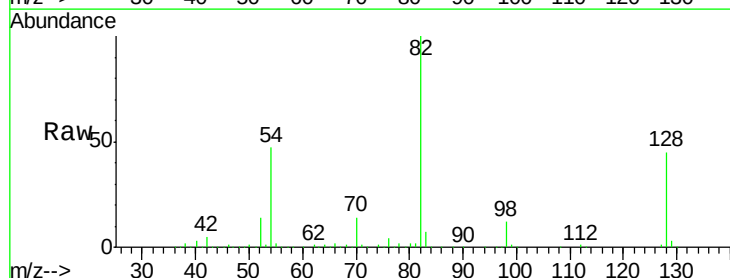
Tgt Ion: 82 Resp: 1622130

Ion Ratio Lower Upper

82 100

128 45.0 40.0 60.0

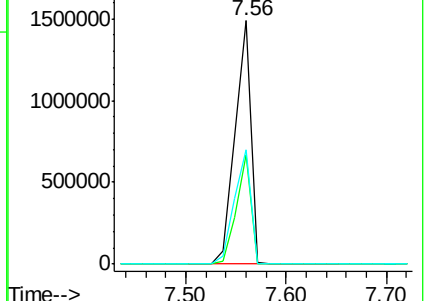
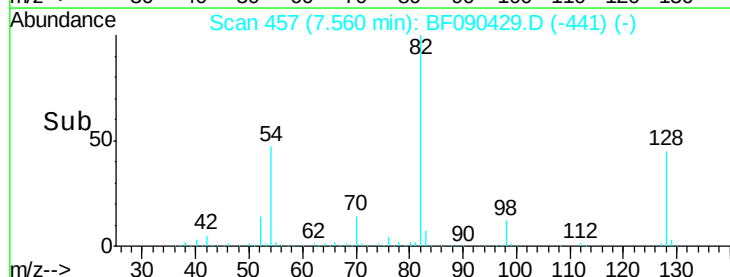
54 46.8 42.6 64.0

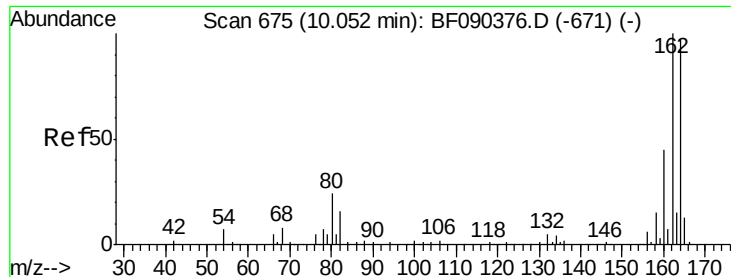


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

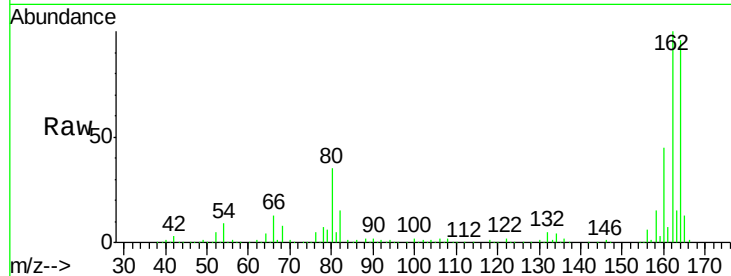




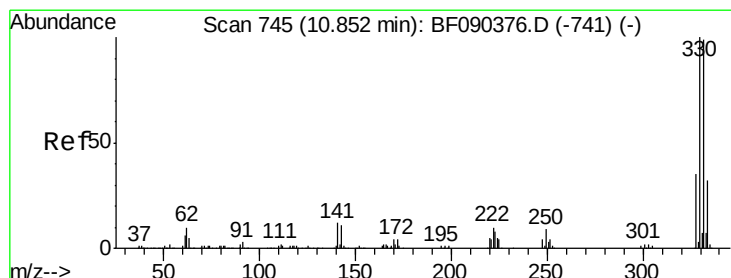
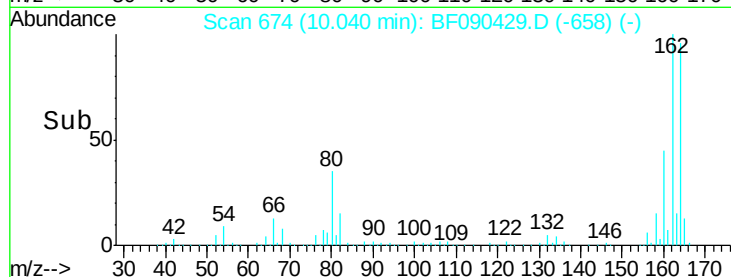
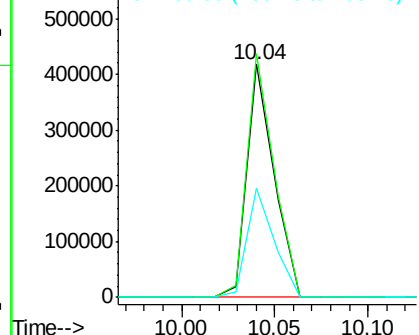
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090429.D
 Acq: 6 Oct 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROW

Tgt Ion:164 Resp: 421402
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.1 120.1
 160 46.8 36.3 54.5

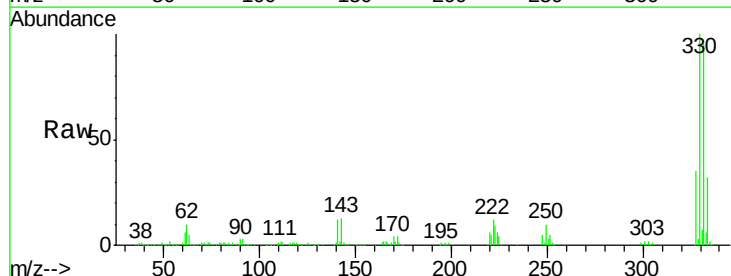


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

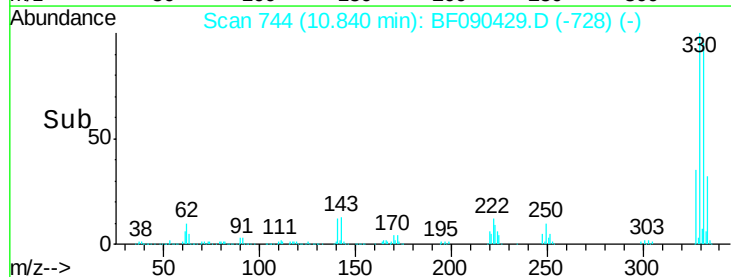
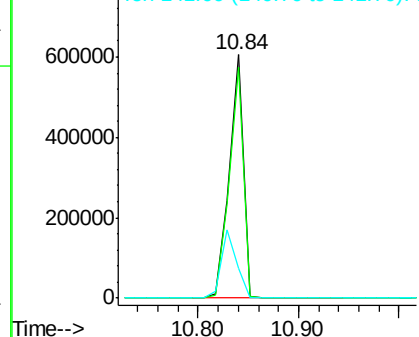


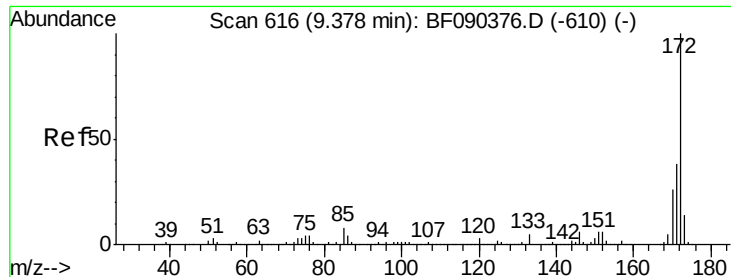
#41
 2,4,6-Tribromophenol
 Concen: 173.32 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090429.D
 Acq: 6 Oct 2016 20:20

Tgt Ion:330 Resp: 593876
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.0
 141 30.6 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

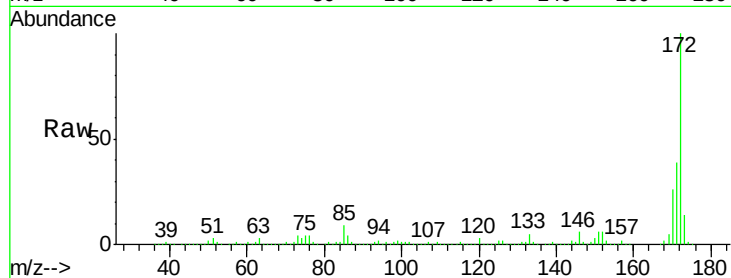




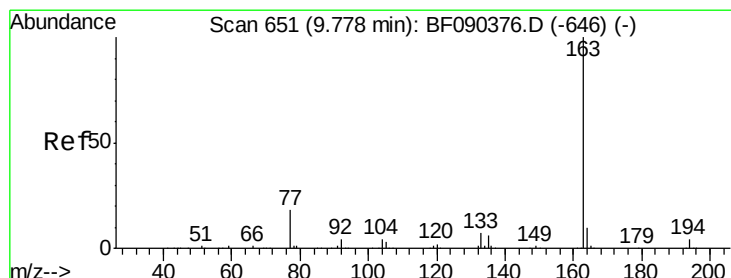
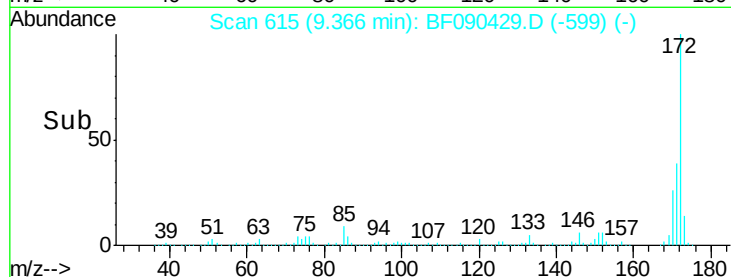
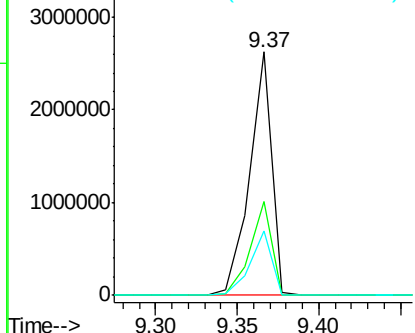
#44
 2-Fluorobiphenyl
 Concen: 96.72 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090429.D
 Acq: 6 Oct 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROW

Tgt Ion:172 Resp: 2446235
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.8 47.8
 170 26.3 21.7 32.5

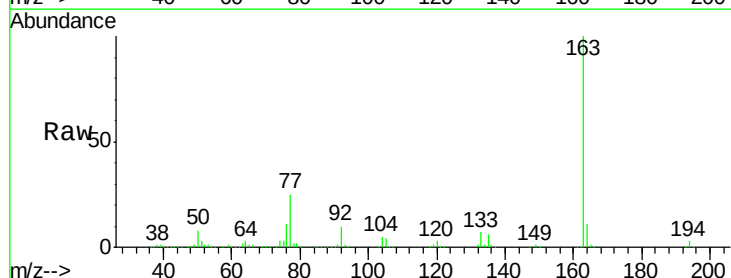


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

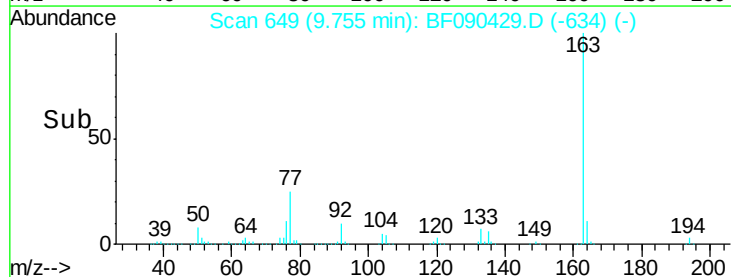
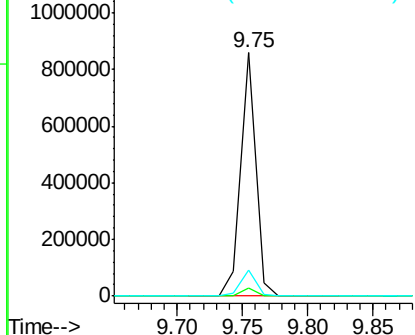


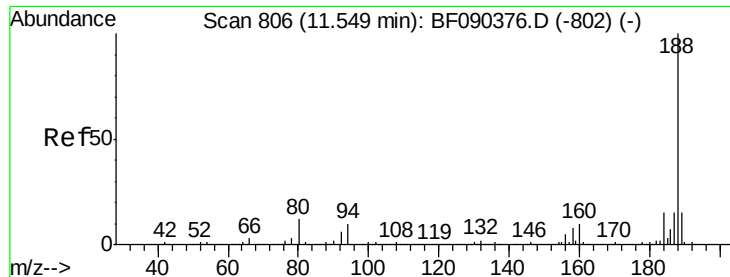
#49
 Dimethylphthalate
 Concen: 25.29 ng
 RT: 9.75 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF090429.D
 Acq: 6 Oct 2016 20:20

Tgt Ion:163 Resp: 682483
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.5 9.0 13.4



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

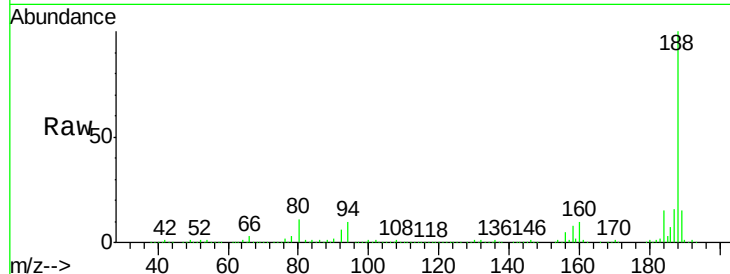




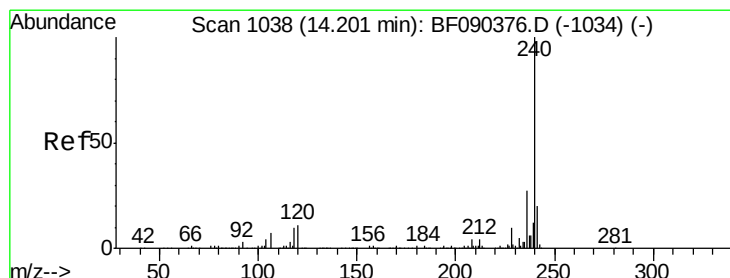
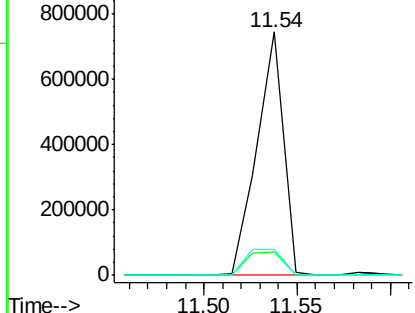
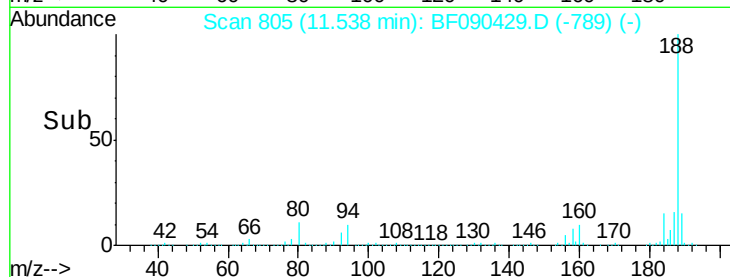
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090429.D
Acq: 6 Oct 2016 20:20

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROW

Tgt Ion:188 Resp: 731933
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.6 8.8 13.2

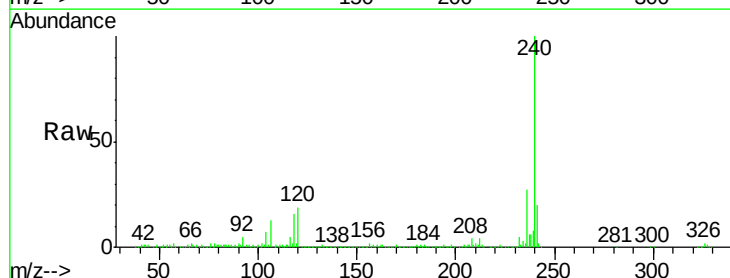


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

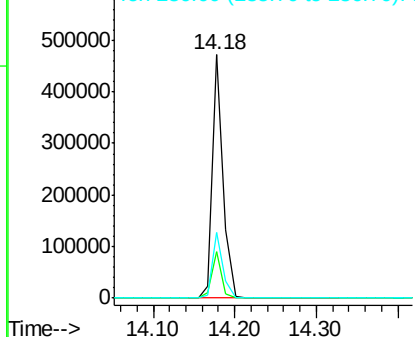
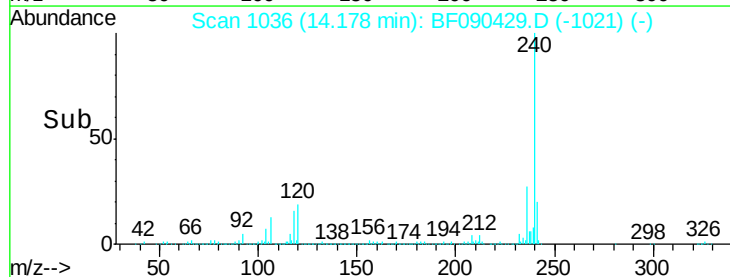


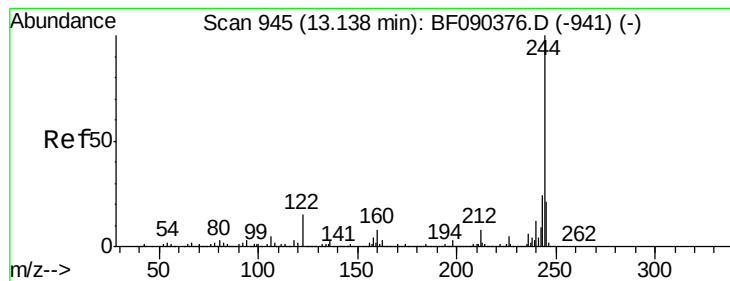
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF090429.D
Acq: 6 Oct 2016 20:20

Tgt Ion:240 Resp: 437938
Ion Ratio Lower Upper
240 100
120 19.1 8.6 13.0#
236 26.8 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: 101.41 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090429.D

Acq: 6 Oct 2016 20:20

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROW

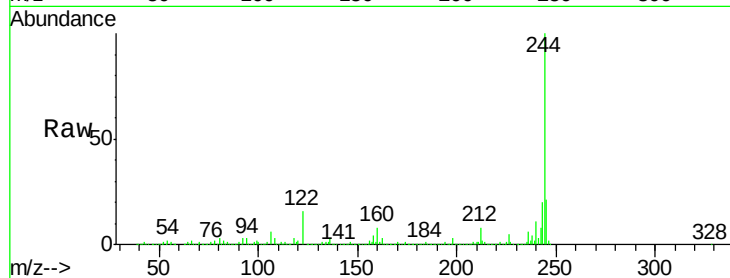
Tgt Ion:244 Resp: 1975431

Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

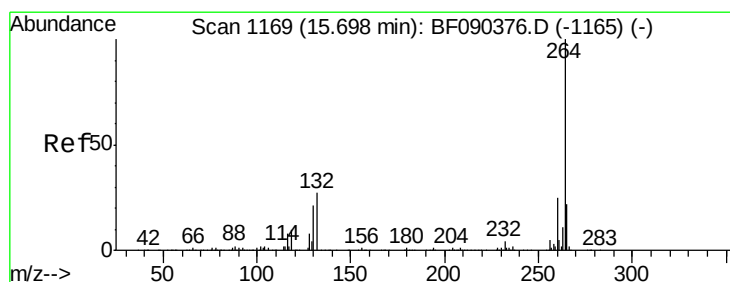
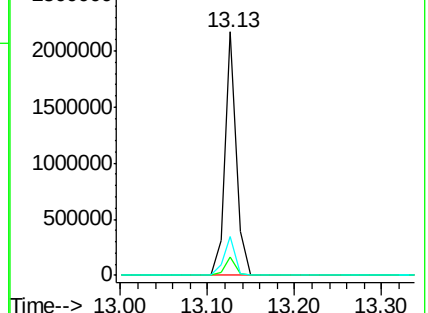
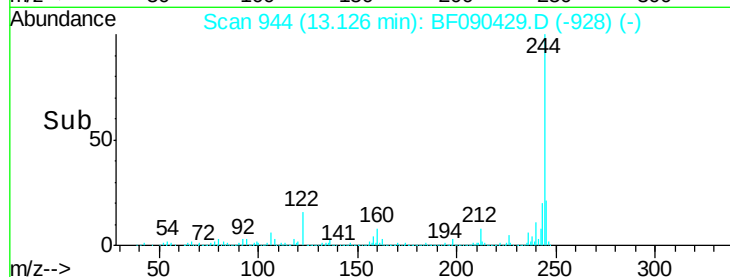
122 16.1 13.3 19.9



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: 15.69 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF090429.D

Acq: 6 Oct 2016 20:20

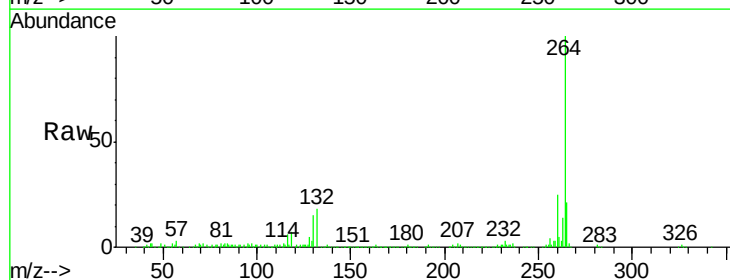
Tgt Ion:264 Resp: 381734

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.4 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

