

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093084.D
 Acq On : 22 Feb 2017 19:20
 Operator : SJ/MA
 Sample : I1935-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B31-B34-001

Quant Time: Feb 23 00:24:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

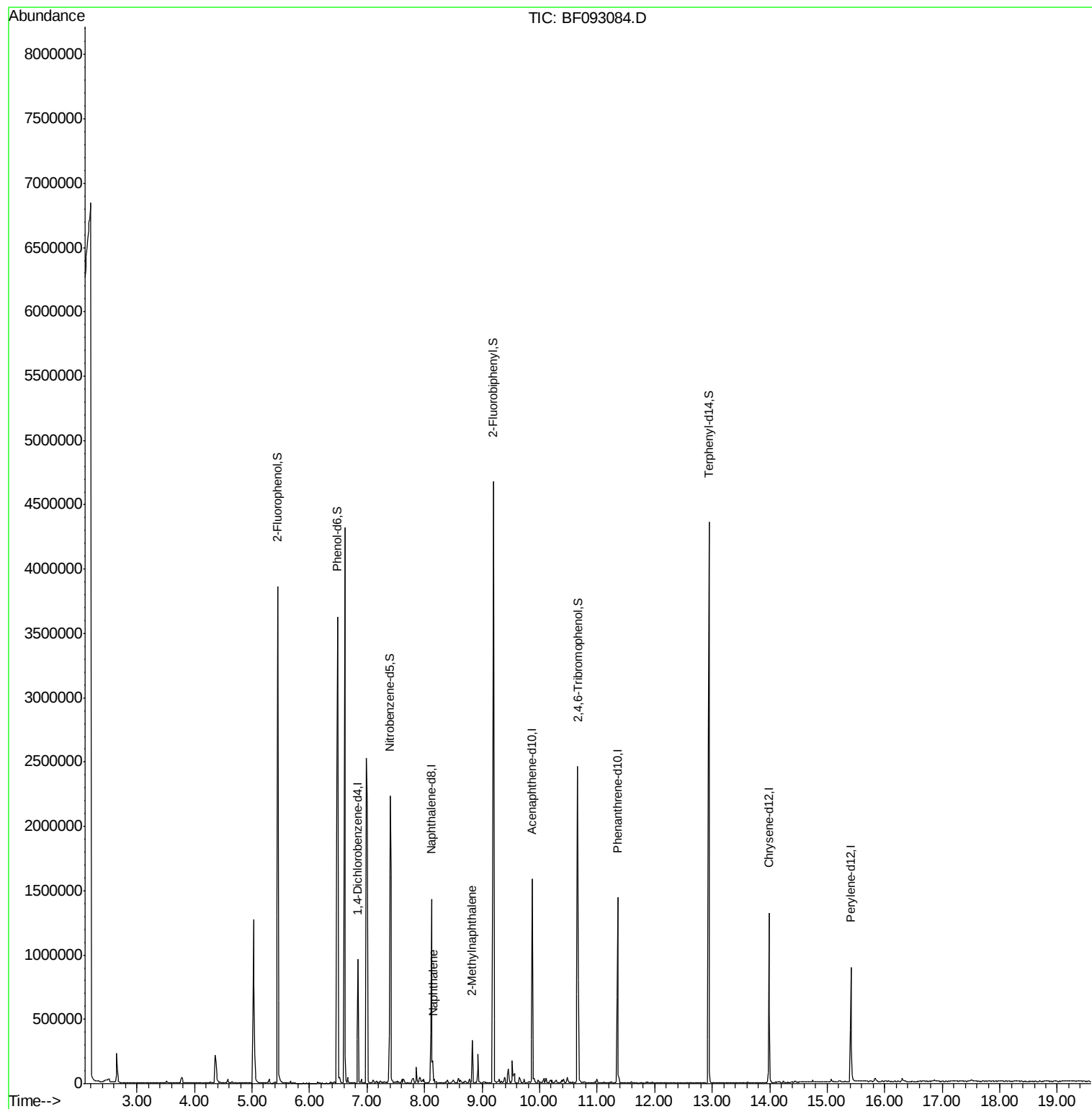
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157861	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	637776	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	309578	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	599386	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	499991	20.00	ng	-0.03
86) Perylene-d12	15.41	264	391214	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1135948	123.45	ng	0.00
7) Phenol-d6	6.49	99	1539509	130.04	ng	0.00
23) Nitrobenzene-d5	7.40	82	998761	87.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	339909	151.81	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1575874	92.22	ng	-0.02
78) Terphenyl-d14	12.95	244	1694319	79.62	ng	-0.02
Target Compounds						
31) Naphthalene	8.14	128	74178	2.29	ng	99
37) 2-Methylnaphthalene	8.83	142	86797	4.18	ng	98

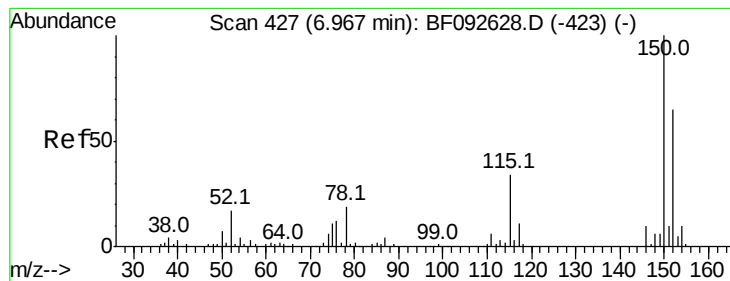
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093084.D

Acq: 22 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

WC-B31-B34-001

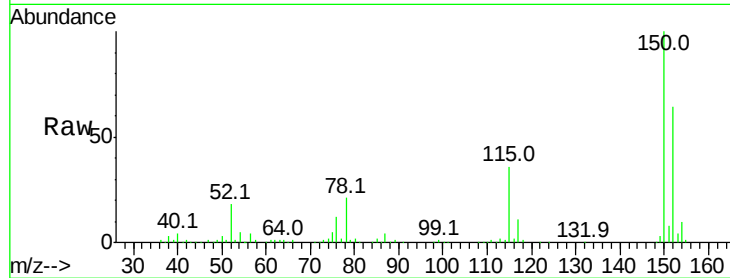
Tot Ion:152 Resp: 157861

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

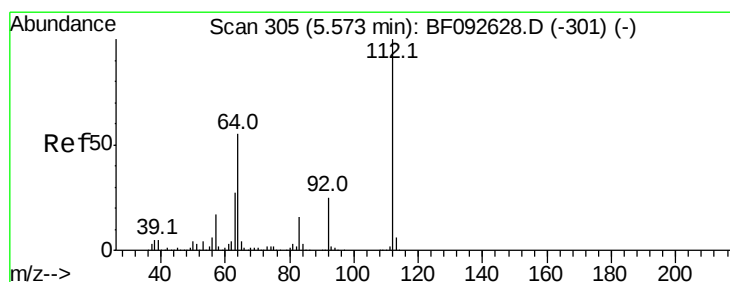
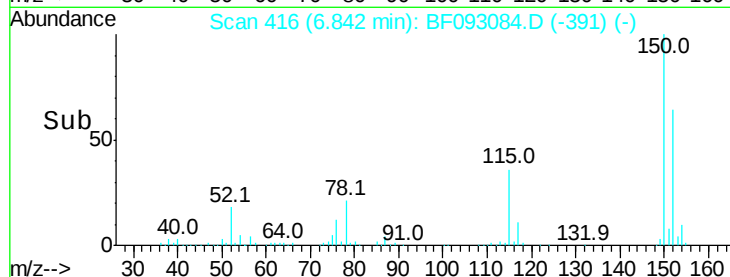
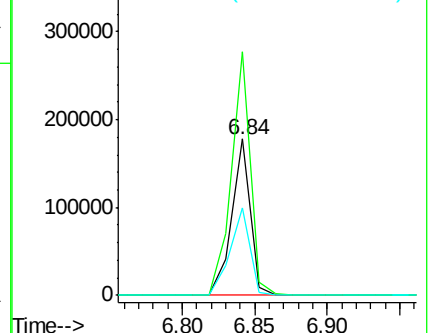
115 55.7 46.0 69.0



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: 123.45 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093084.D

Acq: 22 Feb 2017 19:20

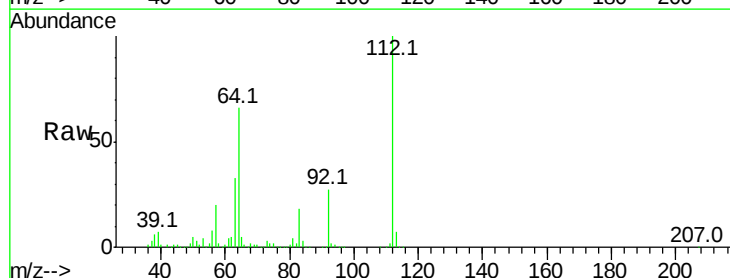
Tgt Ion:112 Resp: 1135948

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

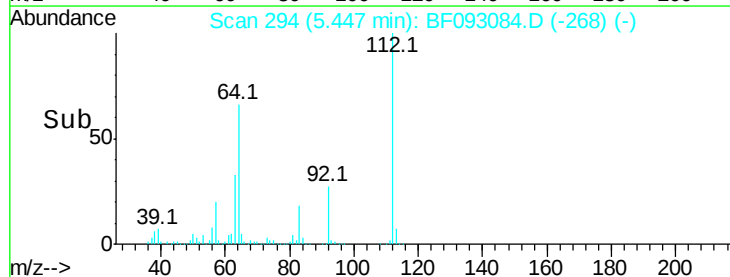
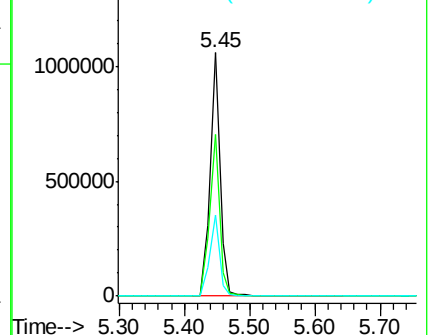
63 33.1 23.8 35.6

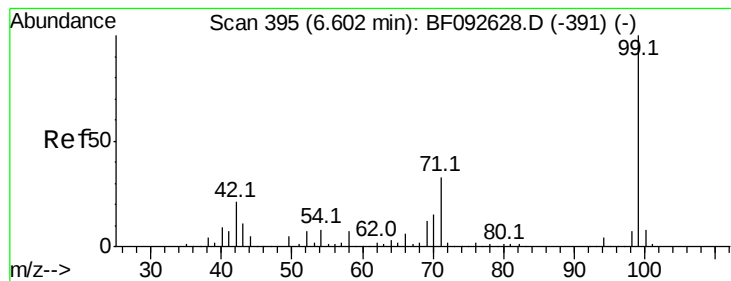


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.04 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093084.D

Acq: 22 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

WC-B31-B34-001

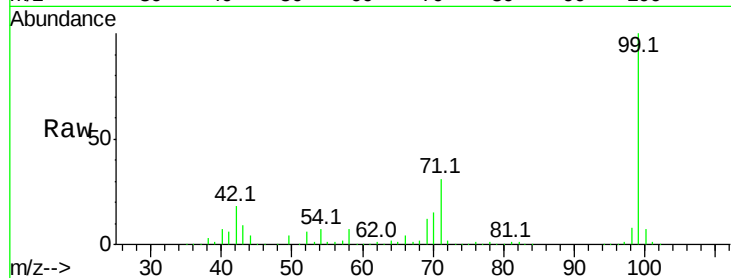
Tot Ion: 99 Resp: 1539509

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

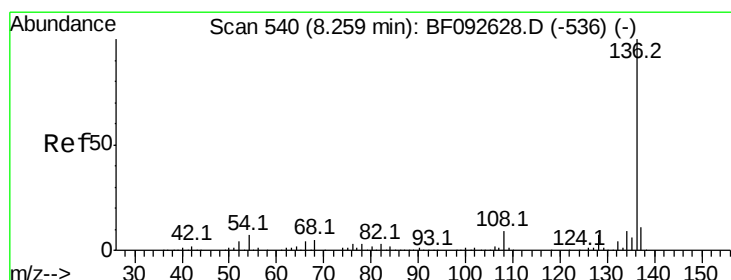
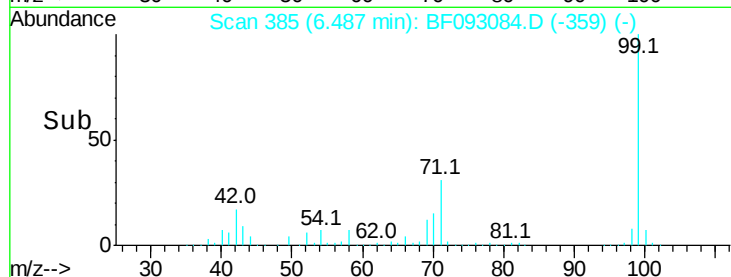
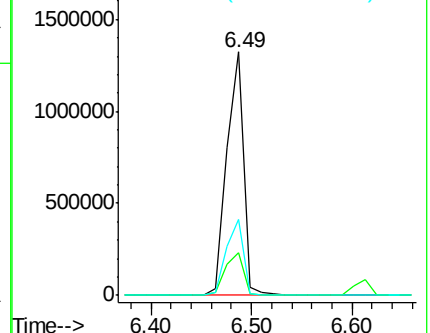
71 31.4 27.5 41.3



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093084.D

Acq: 22 Feb 2017 19:20

Tgt Ion:136 Resp: 637776

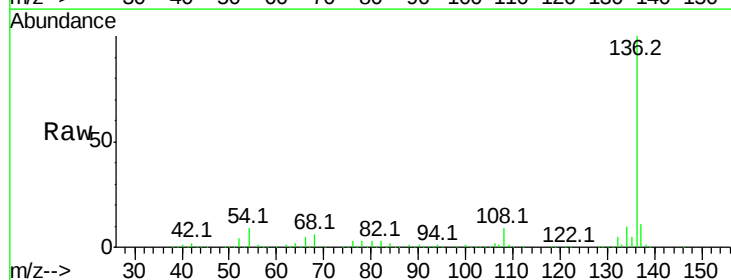
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.9 4.5 6.7#

68 6.3 3.6 5.4#

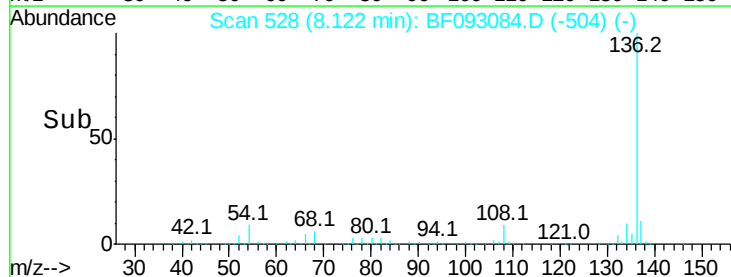
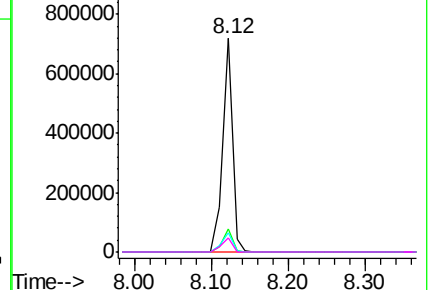


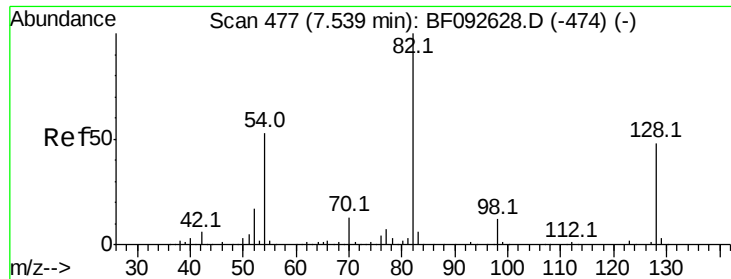
Abundance Ion 136.00 (135.70 to 136.70): E

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

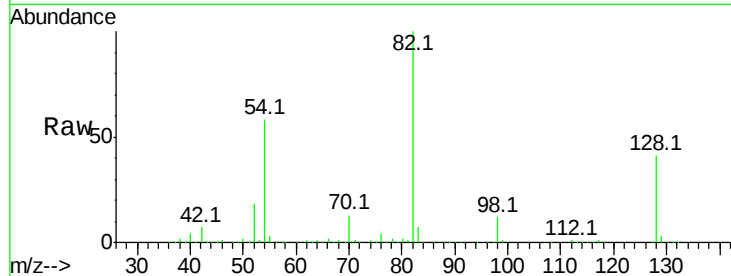




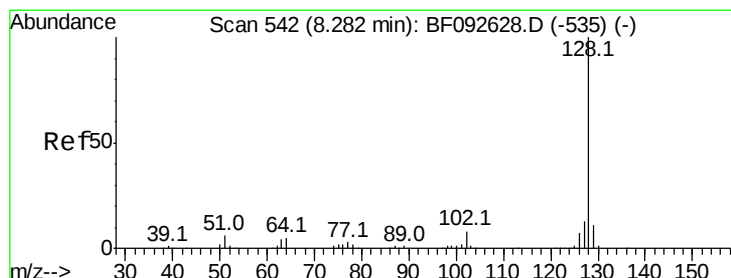
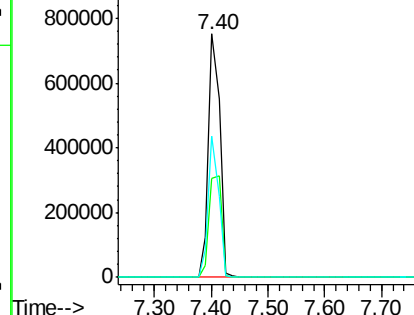
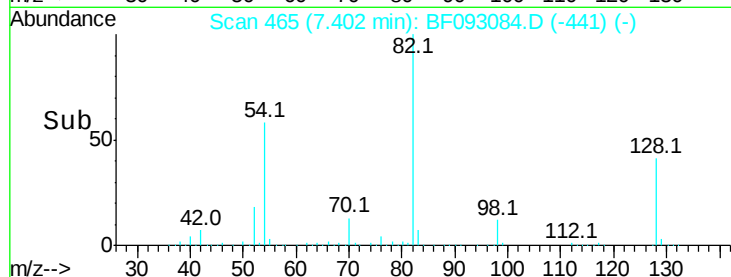
#23
Nitrobenzene-d5
Concen: 87.21 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093084.D
Acq: 22 Feb 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WC-B31-B34-001

Tot Ion: 82 Resp: 998761
Ion Ratio Lower Upper
82 100
128 40.6 34.6 52.0
54 57.9 39.5 59.3

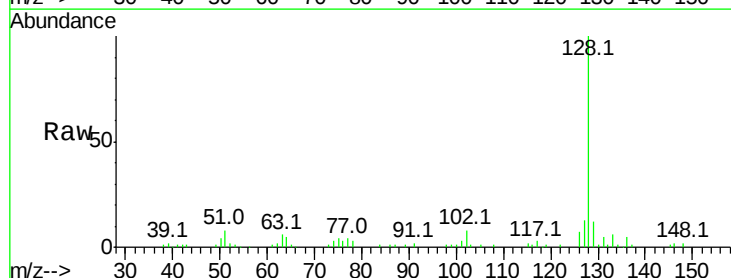


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

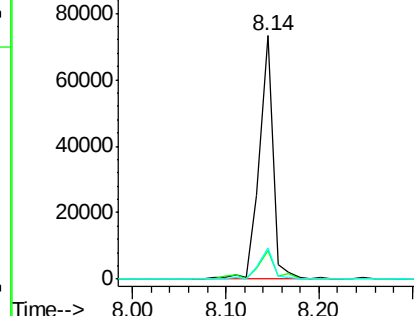
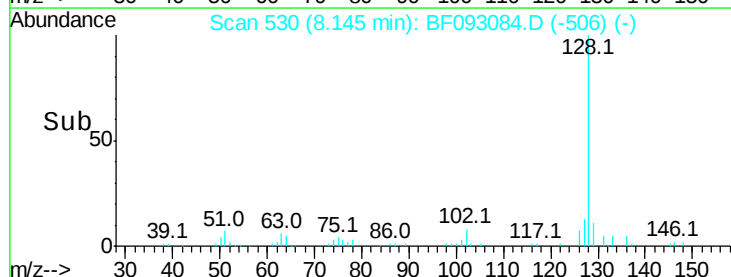


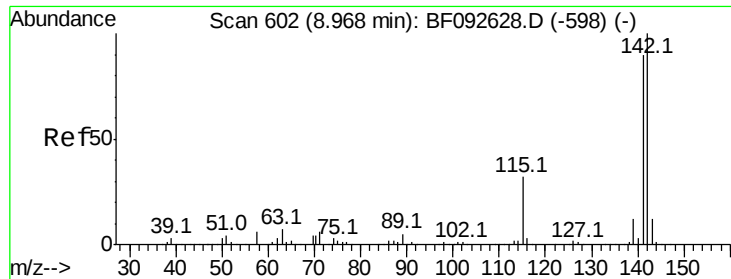
#31
Naphthalene
Concen: 2.29 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093084.D
Acq: 22 Feb 2017 19:20

Tgt Ion:128 Resp: 74178
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 12.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

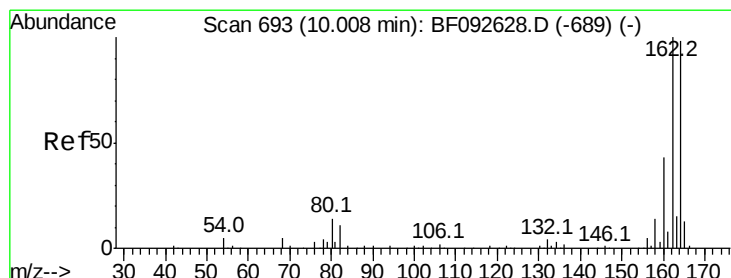
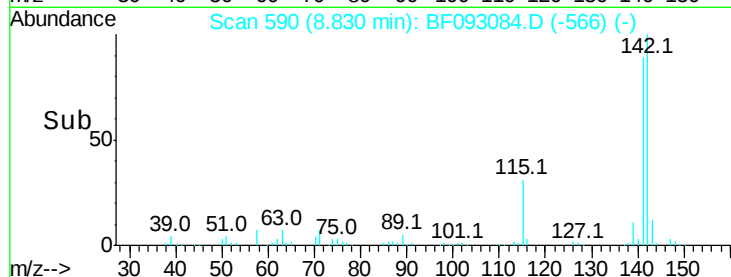
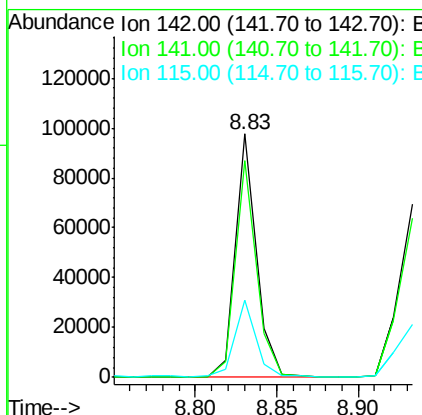
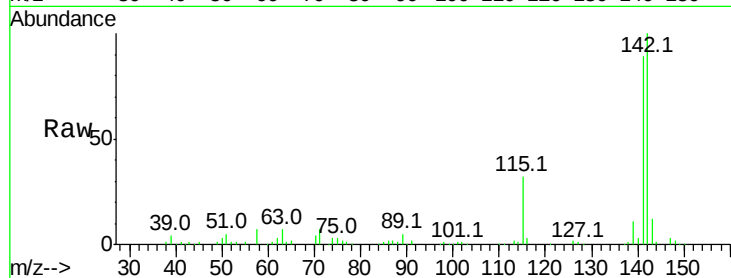




#37
2-Methylnaphthalene
Concen: 4.18 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF093084.D
Acq: 22 Feb 2017 19:20

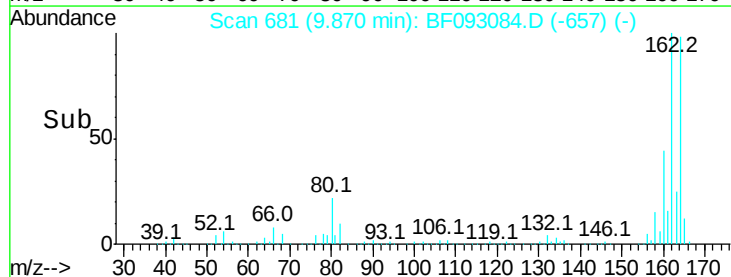
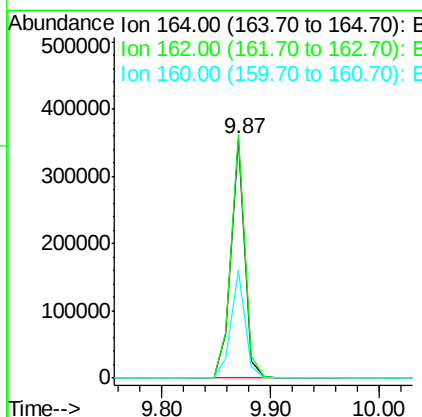
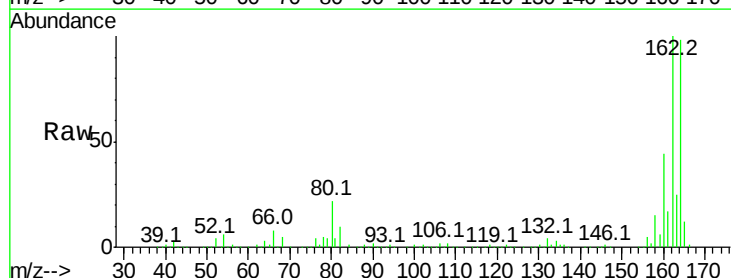
Instrument :
BNA_F
ClientSampleId :
WC-B31-B34-001

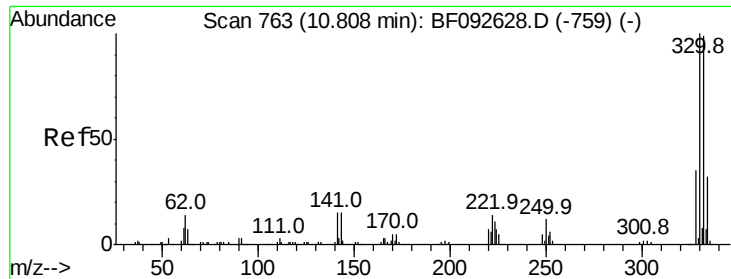
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	31.8	28.3	42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093084.D
Acq: 22 Feb 2017 19:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	44.9	36.9	55.3

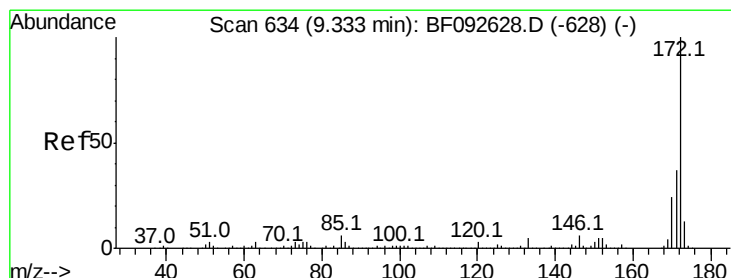
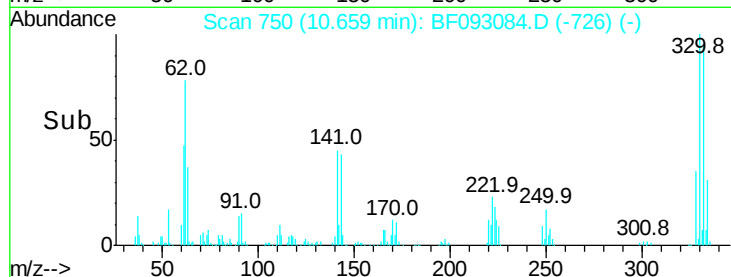
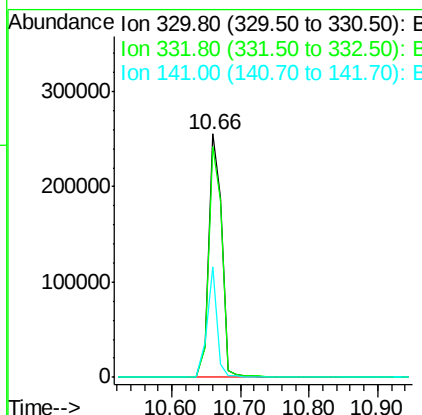
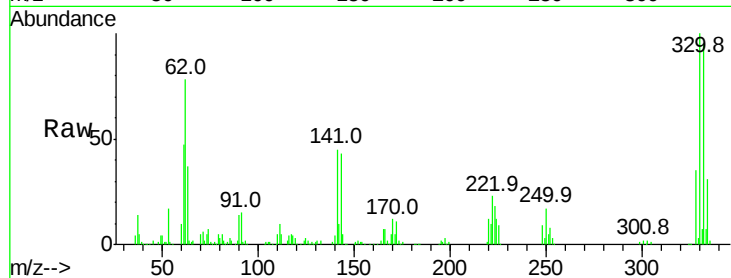




#41
 2,4,6-Tribromophenol
 Concen: 151.81 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093084.D
 Acq: 22 Feb 2017 19:20

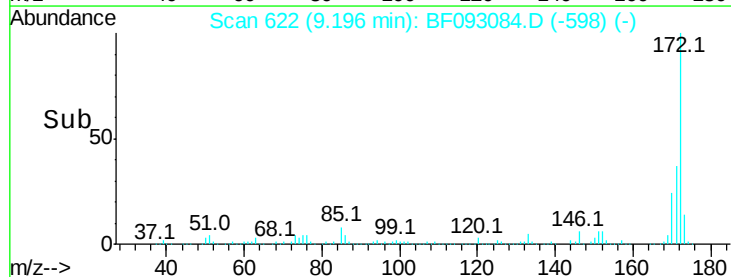
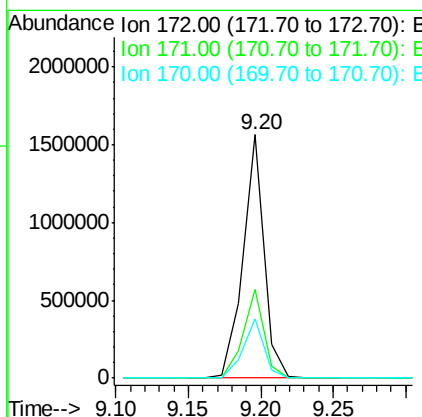
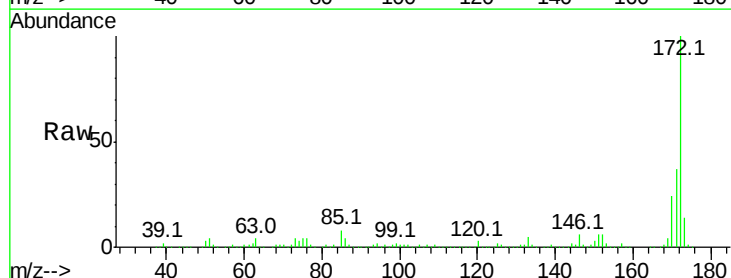
Instrument :
 BNA_F
 ClientSampleId :
 WC-B31-B34-001

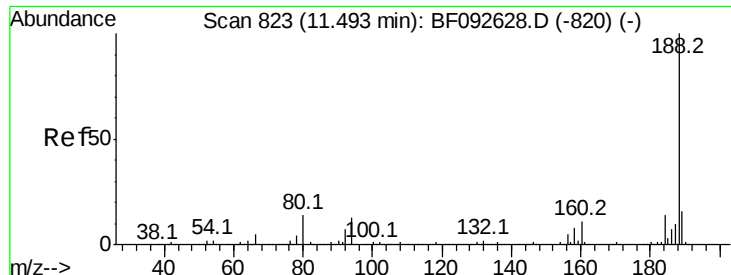
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	35.4	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 92.22 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093084.D
 Acq: 22 Feb 2017 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.3	20.2	30.4

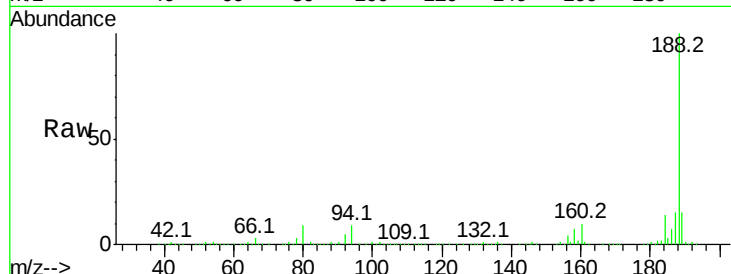




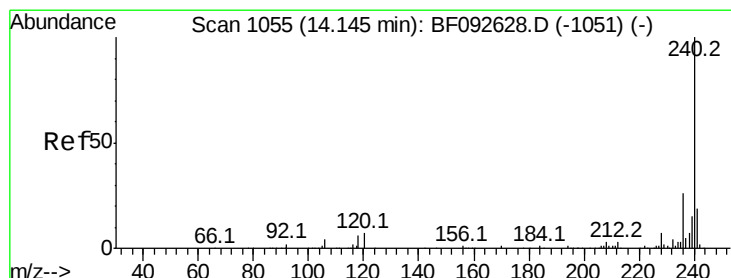
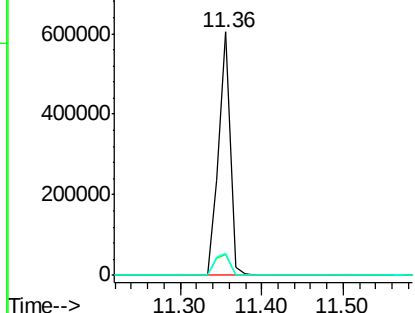
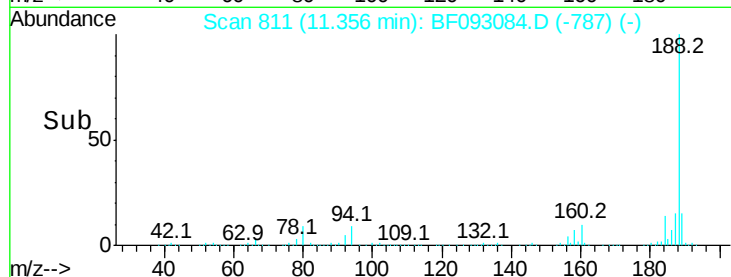
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093084.D
Acq: 22 Feb 2017 19:20

Instrument :
BNA_F
ClientSampleId :
WC-B31-B34-001

Tot Ion:188 Resp: 599386
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 9.1 11.2 16.8#

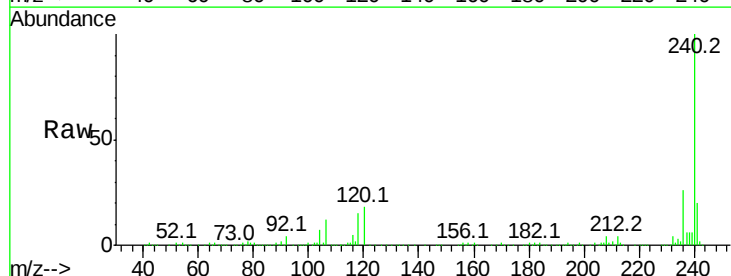


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

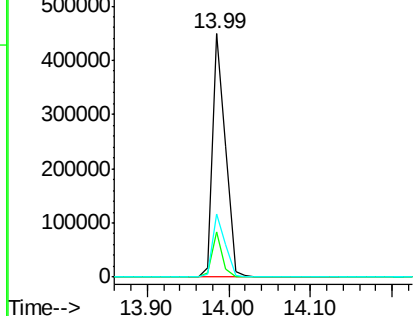
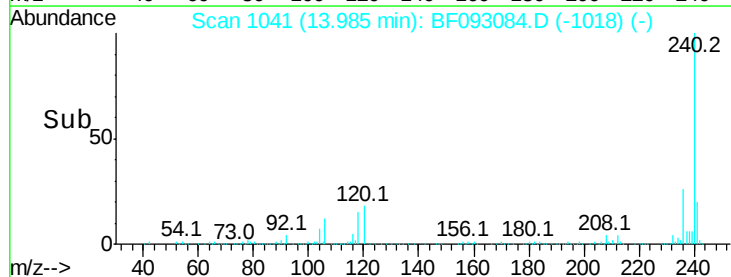


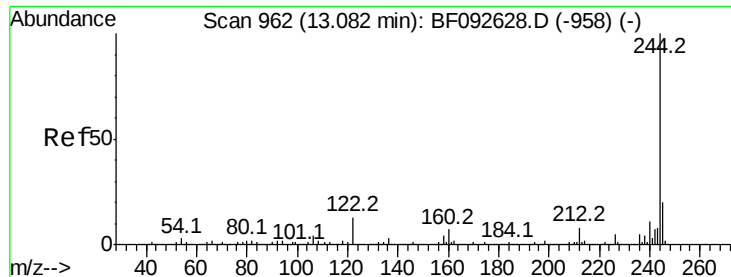
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093084.D
Acq: 22 Feb 2017 19:20

Tgt Ion:240 Resp: 499991
Ion Ratio Lower Upper
240 100
120 18.4 12.9 19.3
236 26.0 20.9 31.3



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: 79.62 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093084.D

Acq: 22 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

WC-B31-B34-001

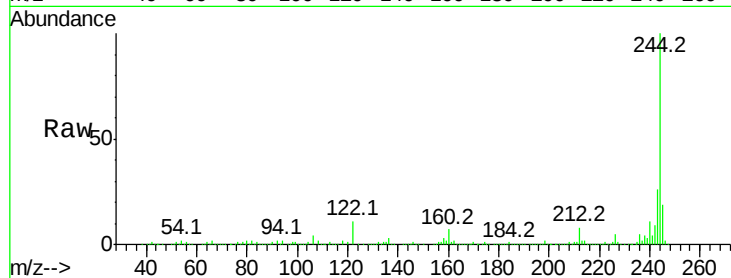
Tot Ion:244 Resp: 1694319

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

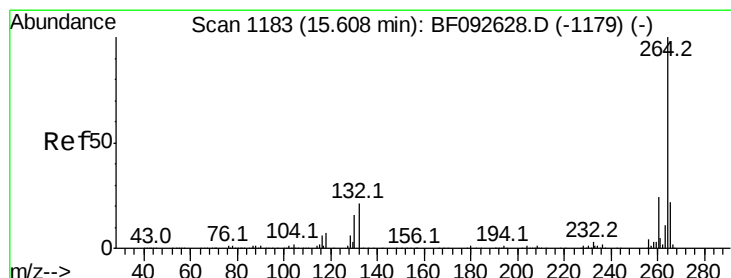
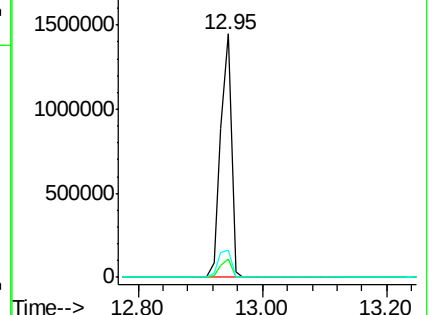
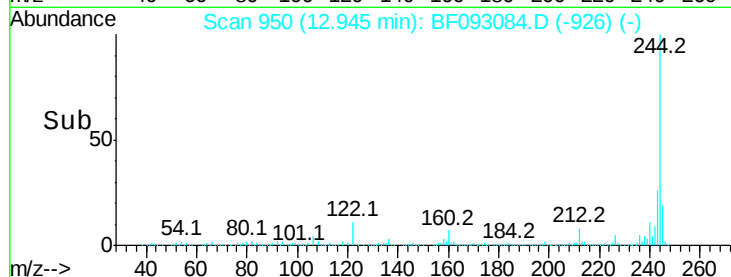
122 11.4 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093084.D

Acq: 22 Feb 2017 19:20

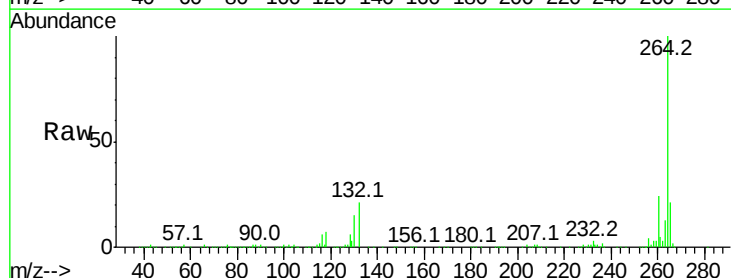
Tgt Ion:264 Resp: 391214

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 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

