

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094375.D
 Acq On : 12 Apr 2017 2:46
 Operator : SJ/MA
 Sample : I2619-01 50X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 03:58:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

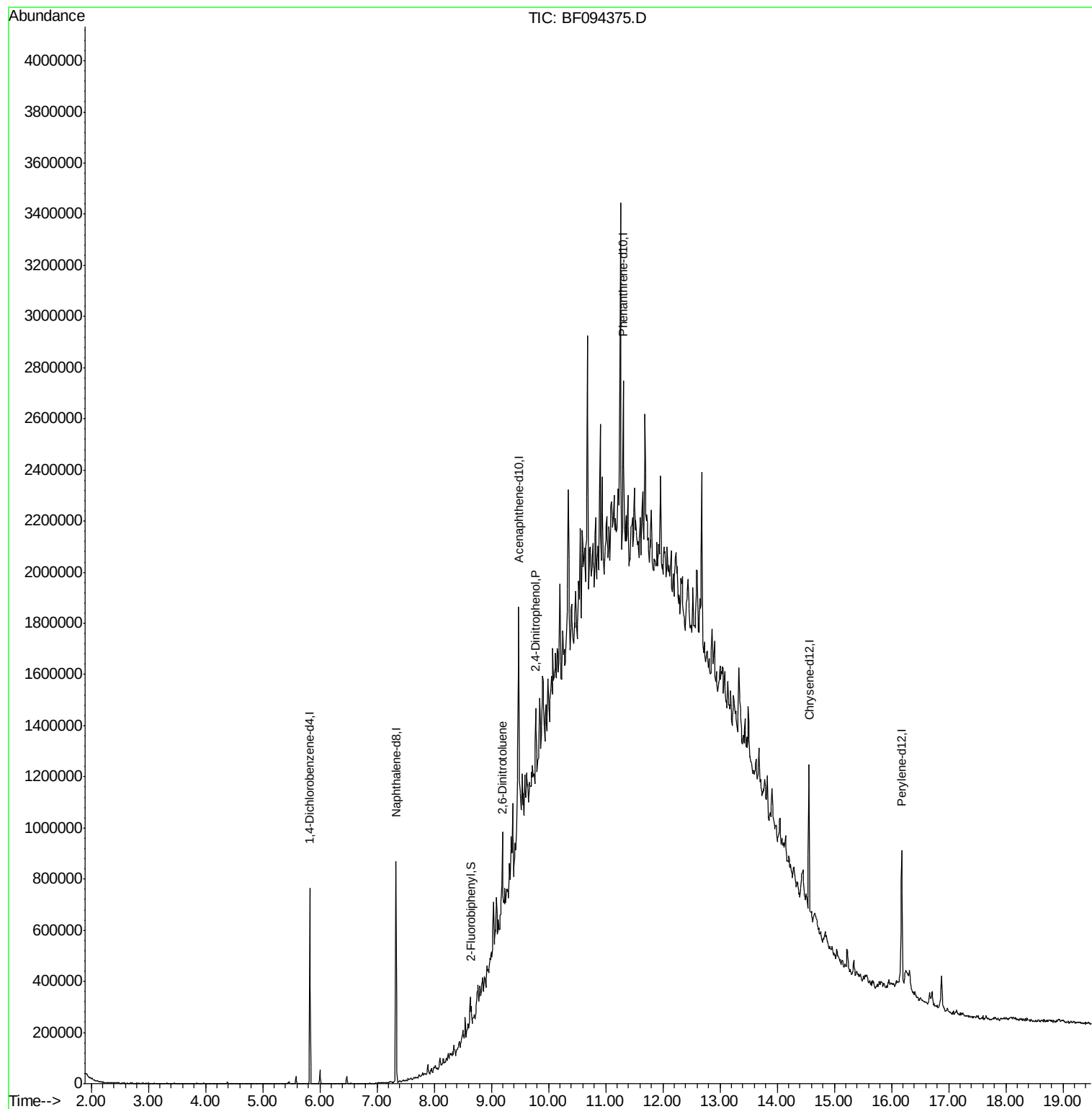
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	116479	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	439887	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	160933	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	242380	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	239348	20.00	ng	-0.02
86) Perylene-d12	16.18	264	196795	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	3424	0.50	ng	0.00
7) Phenol-d6	5.46	99	3470	0.41	ng	0.00
23) Nitrobenzene-d5	6.47	82	10417	1.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.46	330	1133	0.89	ng	-0.02
44) 2-Fluorobiphenyl	8.65	172	24461	2.32	ng	-0.04
78) Terphenyl-d14	13.28	244	15104	1.41	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.20	165	7565	2.88	ng	# 36
53) 2,4-Dinitrophenol	9.79	184	286	4.85	ng	# 1

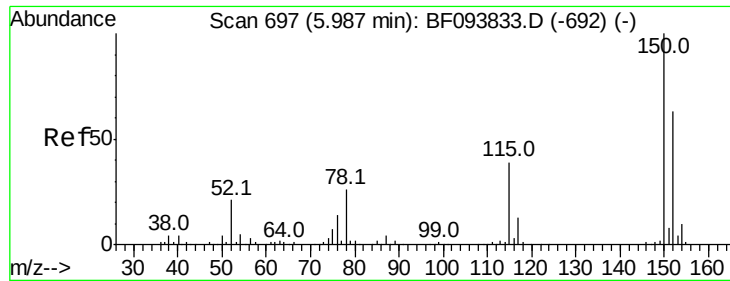
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

Instrument :

BNA_F

ClientSampleId :

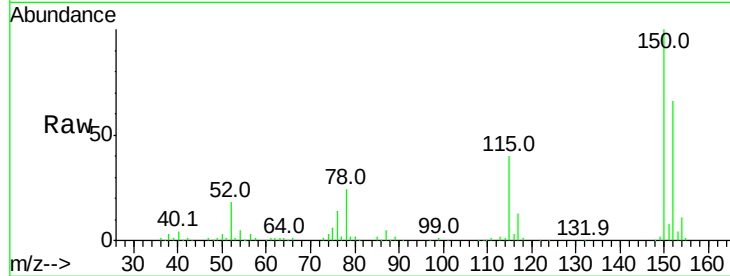
Tot Ion:152 Resp: 116479

Ion Ratio Lower Upper

152 100

150 150.9 126.2 189.2

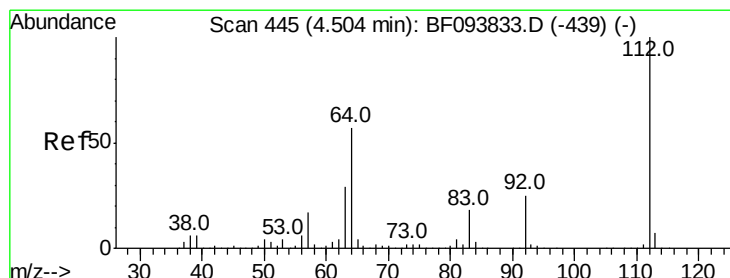
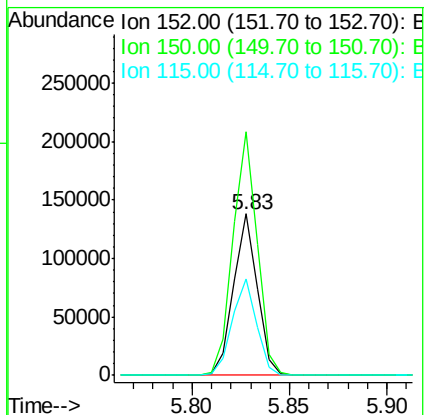
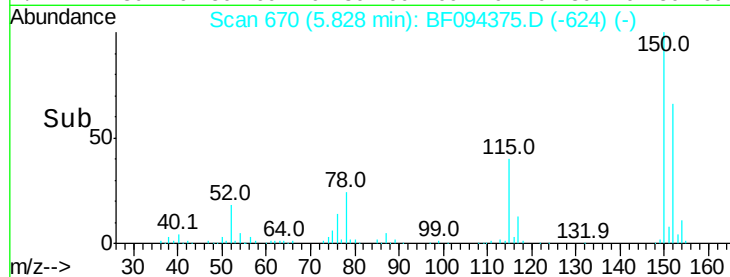
115 59.8 52.2 78.2



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: 0.50 ng

RT: 4.38 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

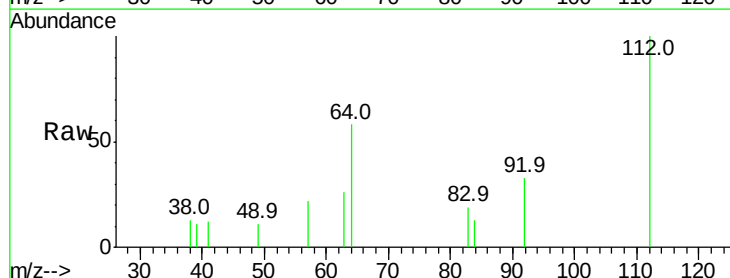
Tgt Ion:112 Resp: 3424

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

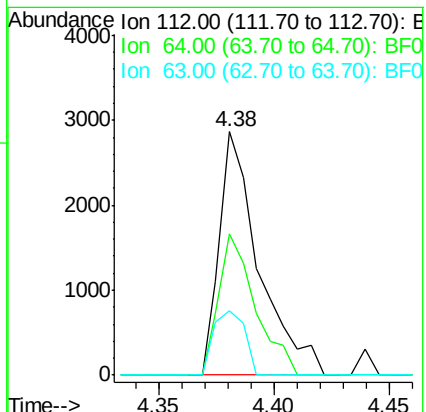
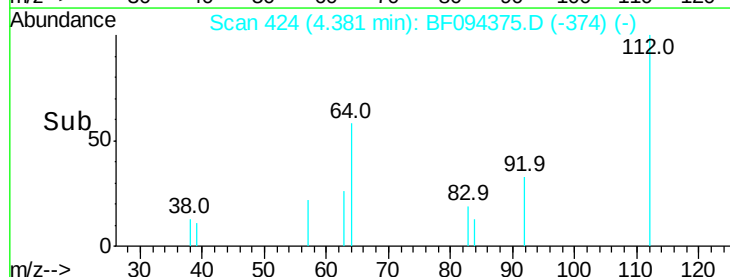
63 26.2 23.4 35.0

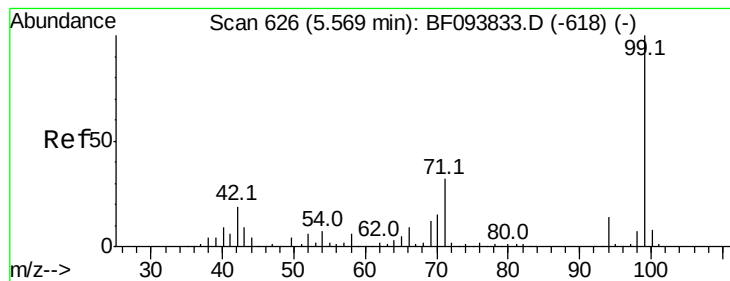


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.41 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

Instrument :

BNA_F

ClientSampleId :

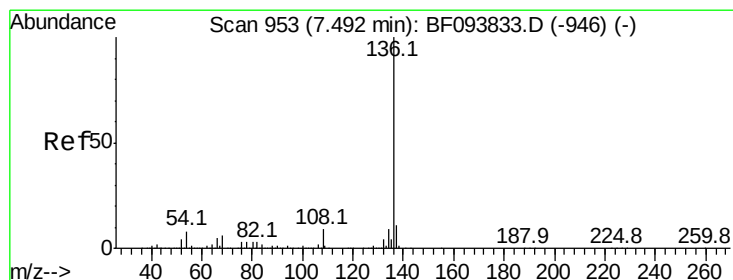
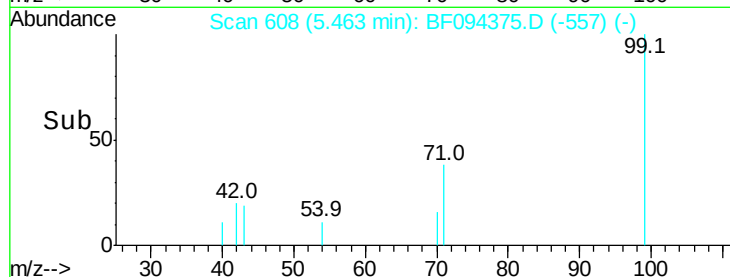
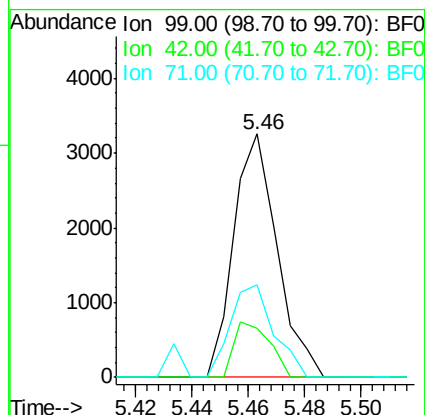
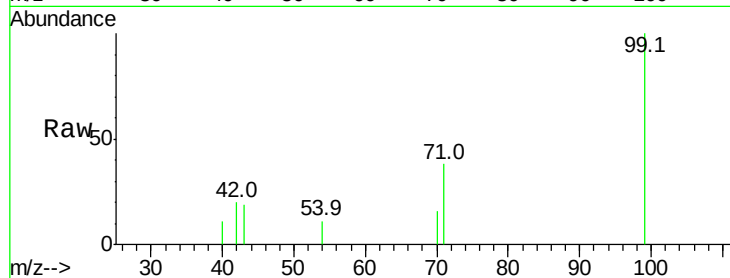
Tot Ion: 99 Resp: 3470

Ion Ratio Lower Upper

99 100

42 20.1 13.5 20.3

71 38.3 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

Tgt Ion: 136 Resp: 439887

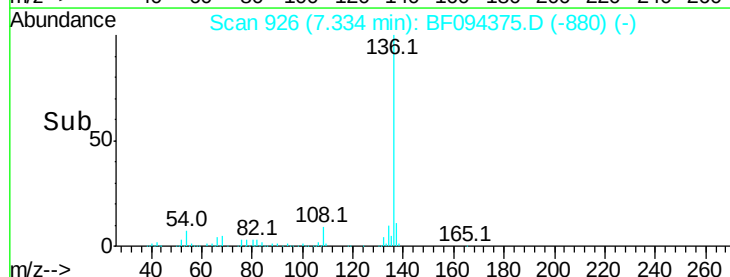
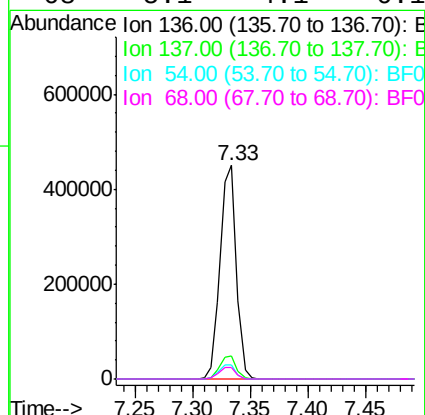
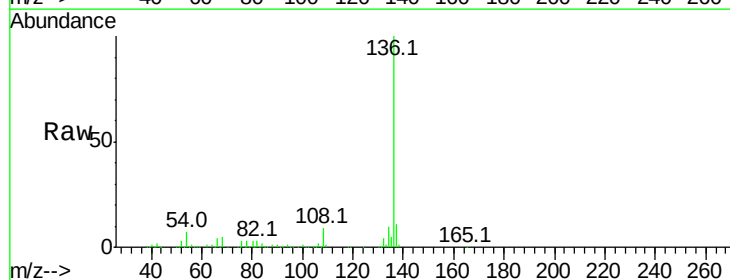
Ion Ratio Lower Upper

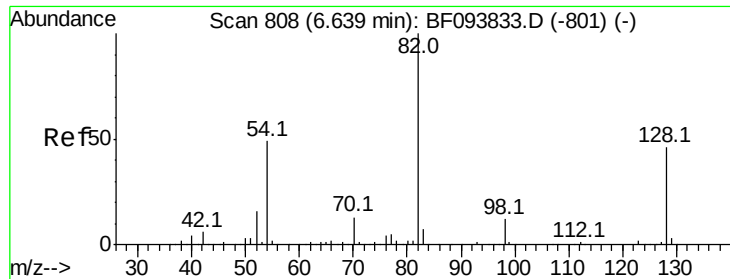
136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.1 4.1 6.1

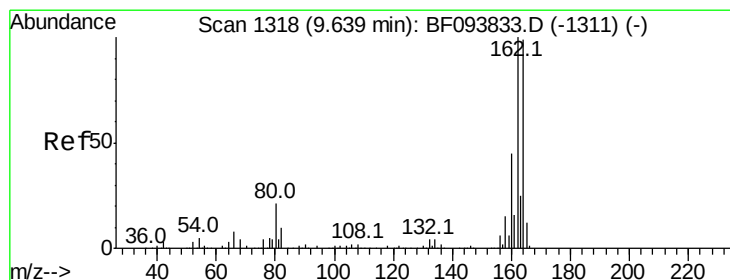
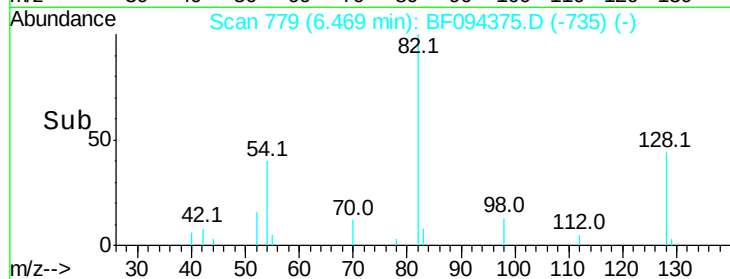
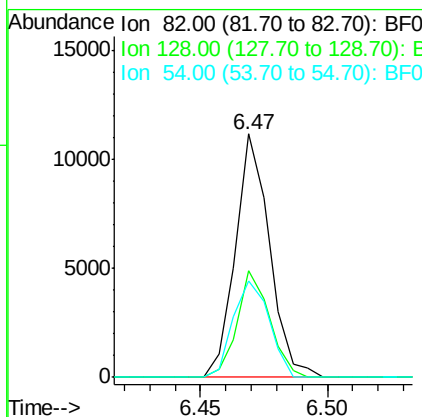
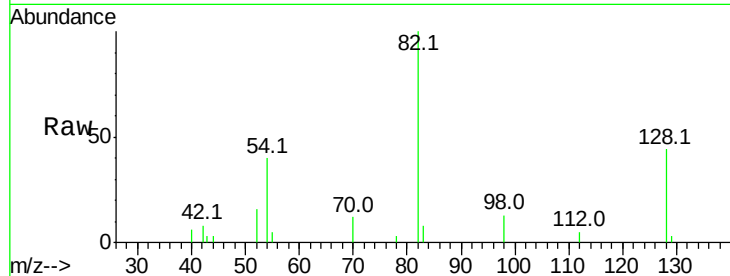




#23
 Nitrobenzene-d5
 Concen: 1.35 ng
 RT: 6.47 min Scan# 779
 Delta R.T. -0.04 min
 Lab File: BF094375.D
 Acq: 12 Apr 2017 2:46

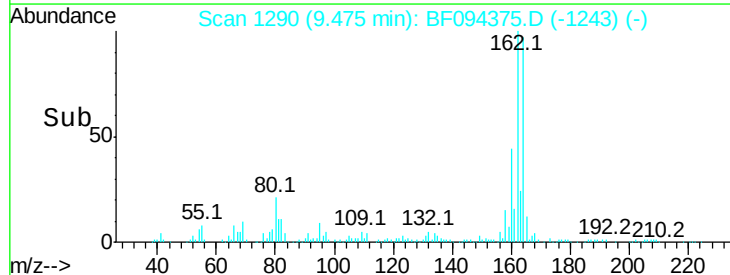
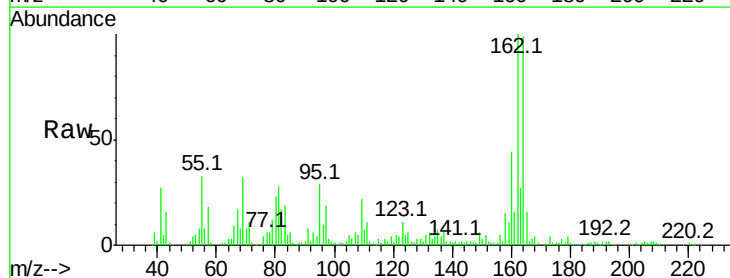
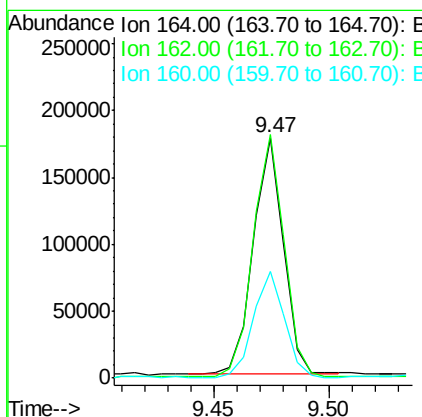
Instrument :
 BNA_F
 ClientSampled :

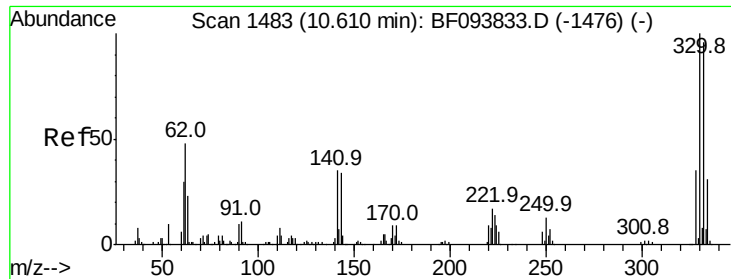
Tot Ion	82	Resp	10417
Ion Ratio	100	Lower	Upper
128	43.9	34.0	51.0
54	39.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094375.D
 Acq: 12 Apr 2017 2:46

Tgt Ion	164	Resp	160933
Ion Ratio	100	Lower	Upper
162	101.5	82.6	123.8
160	44.5	36.2	54.2

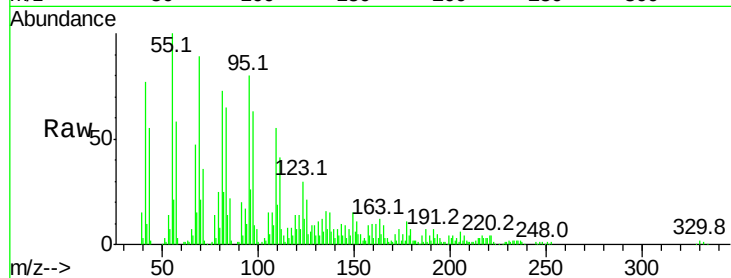




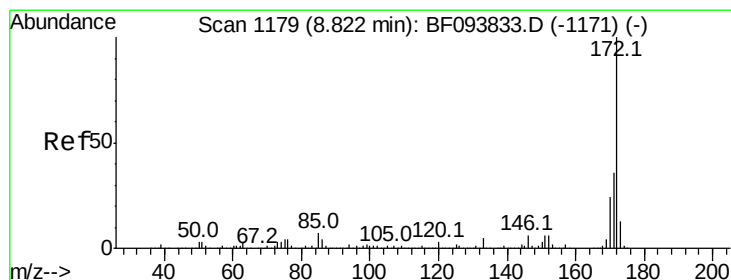
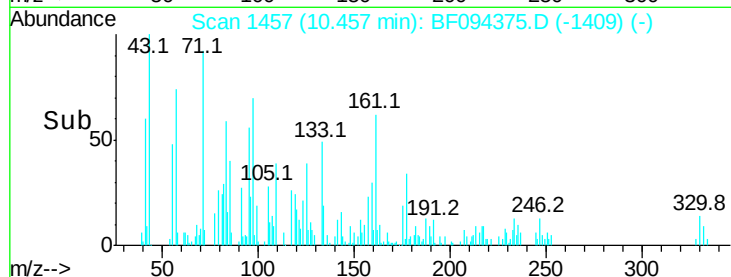
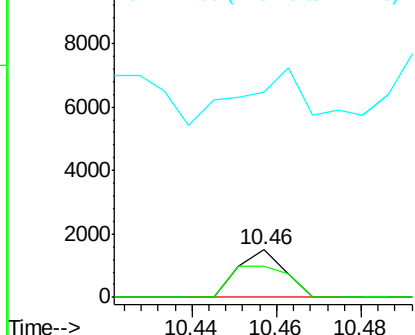
#41
 2,4,6-Tribromophenol
 Concen: 0.89 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094375.D
 Acq: 12 Apr 2017 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1133
 Ion Ratio Lower Upper
 330 100
 332 84.5 76.6 115.0
 141 179.9 31.4 47.2#

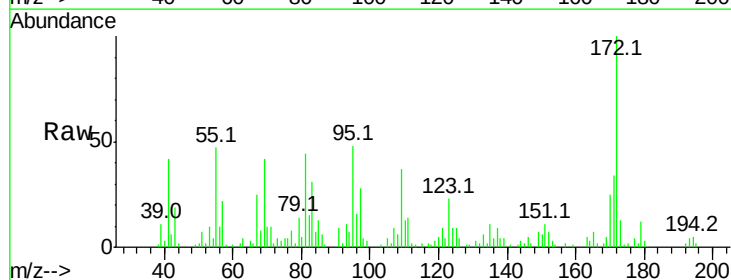


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

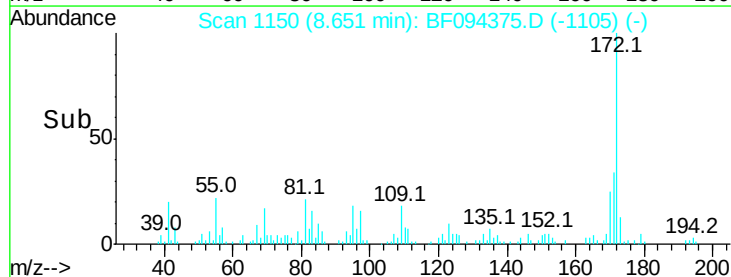
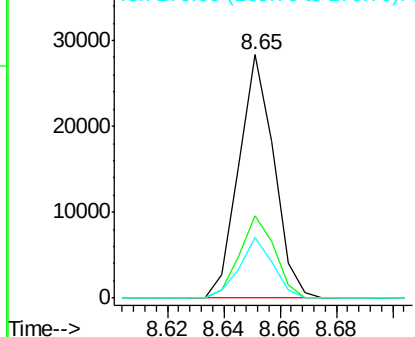


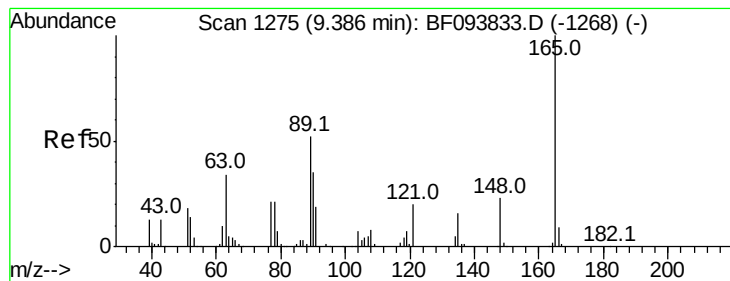
#44
 2-Fluorobiphenyl
 Concen: 2.32 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF094375.D
 Acq: 12 Apr 2017 2:46

Tgt Ion:172 Resp: 24461
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.6 44.4
 170 24.9 19.8 29.8



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





#50

2,6-Dinitrotoluene

Concen: 2.88 ng

RT: 9.20 min Scan# 1244

Delta R.T. -0.05 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

Instrument :

BNA_F

ClientSampled :

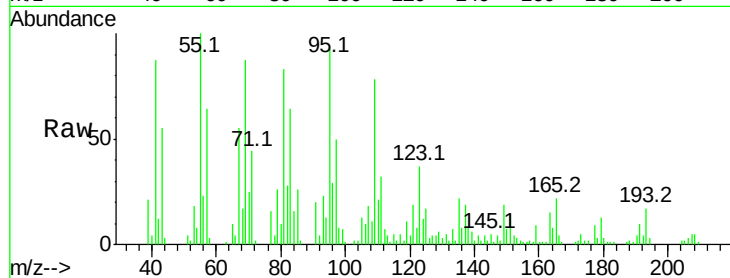
Tot Ion:165 Resp: 7565

Ion Ratio Lower Upper

165 100

63 6.3 34.3 51.5#

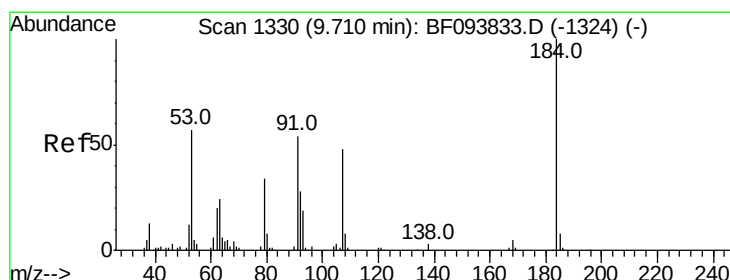
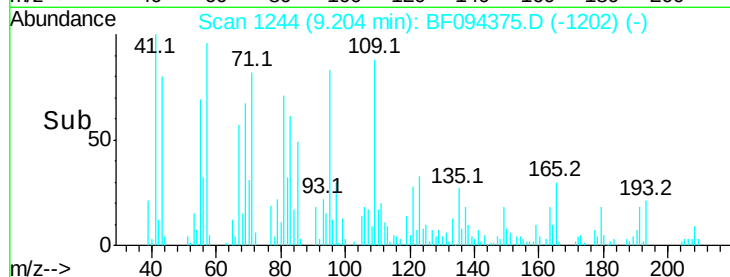
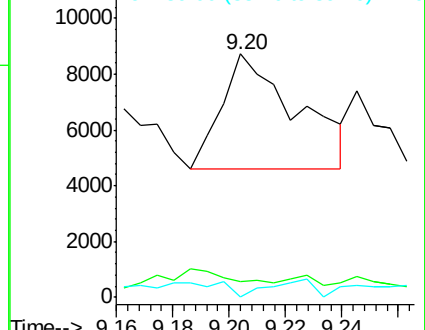
89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#53

2,4-Dinitrophenol

Concen: 4.85 ng

RT: 9.79 min Scan# 1343

Delta R.T. 0.19 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

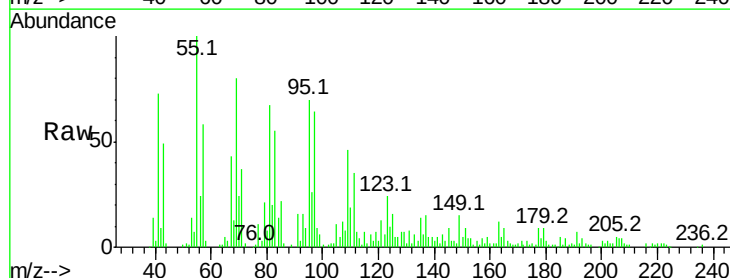
Tgt Ion:184 Resp: 286

Ion Ratio Lower Upper

184 100

63 180.7 62.7 94.1#

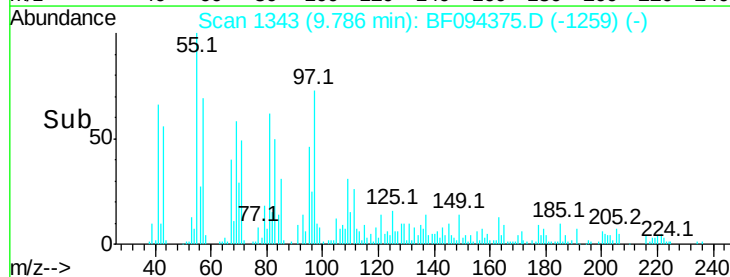
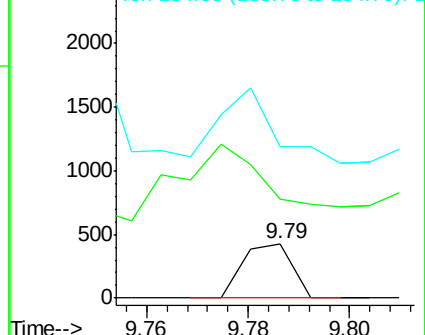
154 277.4 81.1 121.7#

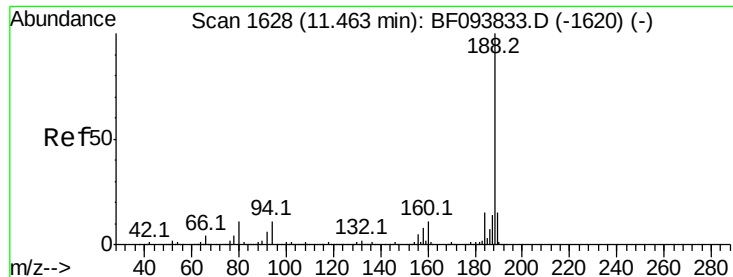


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

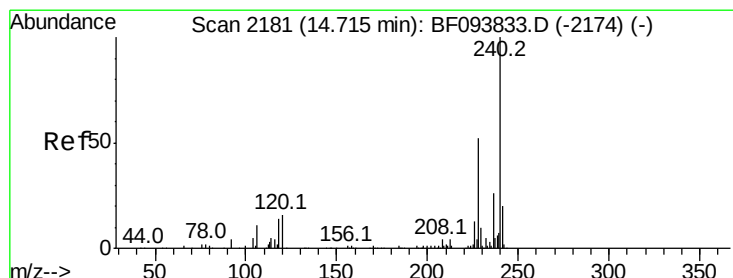
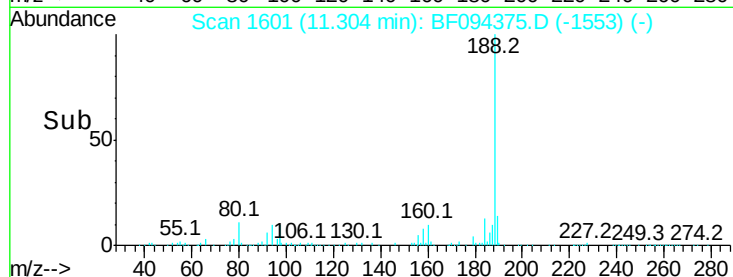
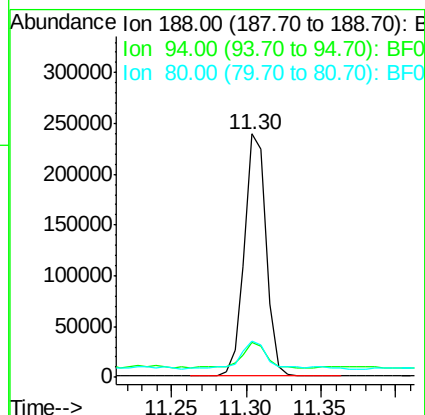
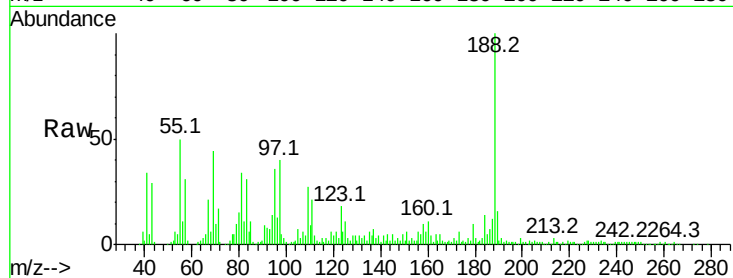




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

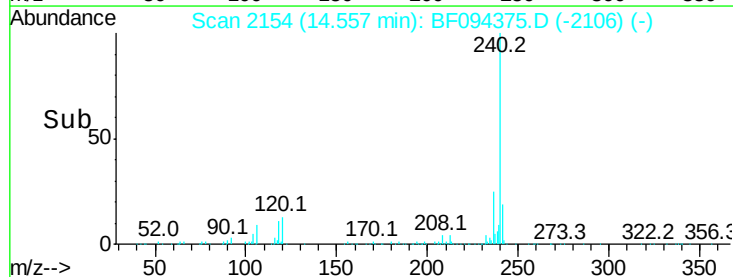
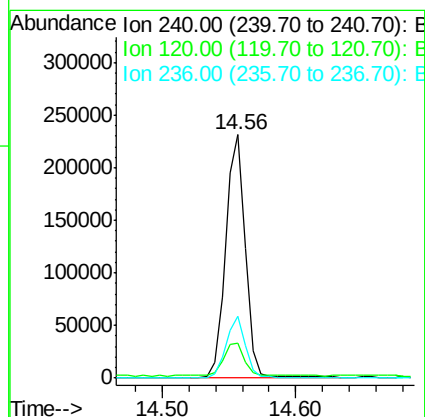
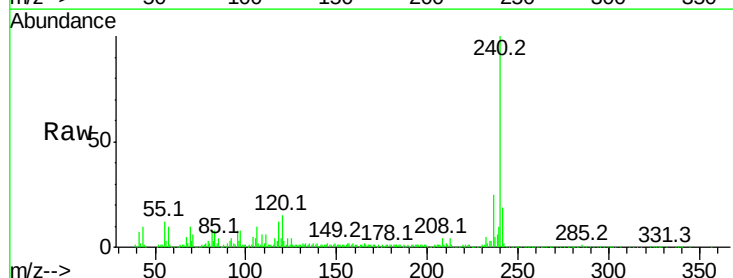
Instrument :
BNA_F
ClientSampleId :

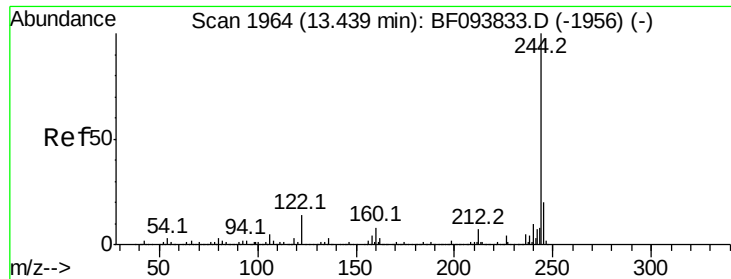
Tot Ion:188 Resp: 242380
Ion Ratio Lower Upper
188 100
94 14.2 9.4 14.2#
80 15.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BF094375.D
Acq: 12 Apr 2017 2:46

Tgt Ion:240 Resp: 239348
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 1.41 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

Instrument :

BNA_F

ClientSampleId :

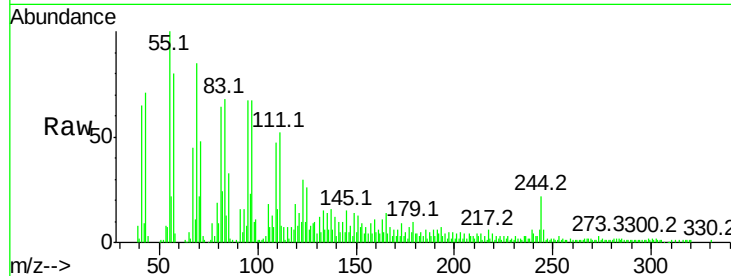
Tot Ion:244 Resp: 15104

Ion Ratio Lower Upper

244 100

212 13.3 6.0 9.0#

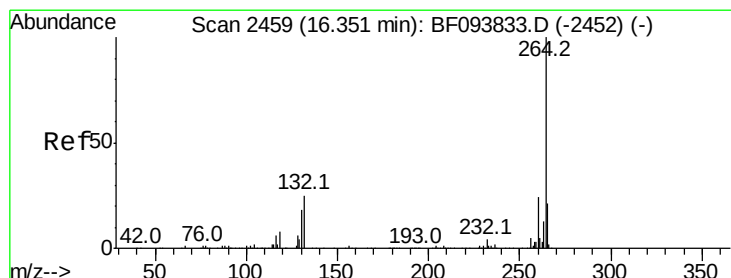
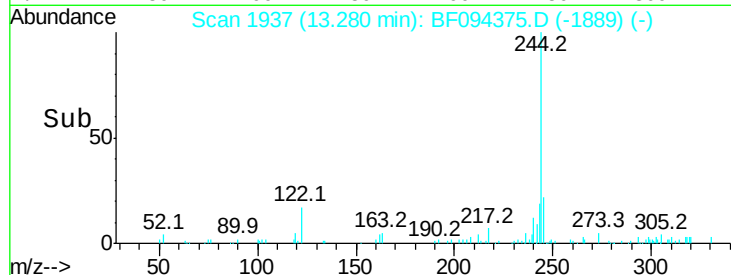
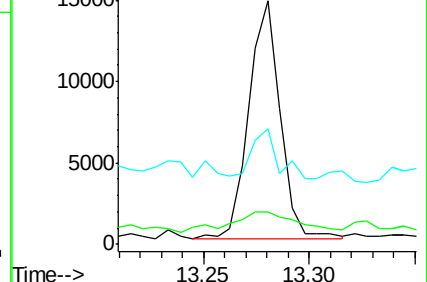
122 47.5 10.3 15.5#



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: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094375.D

Acq: 12 Apr 2017 2:46

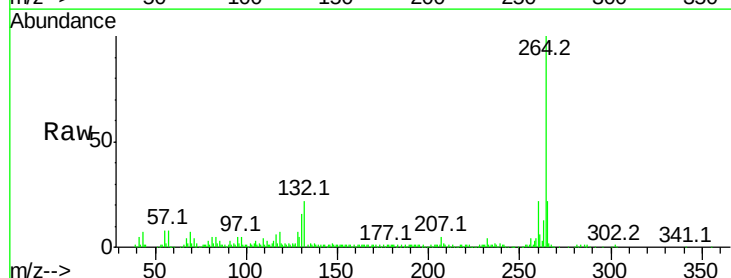
Tgt Ion:264 Resp: 196795

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 21.9 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

