

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096613.D
 Acq On : 10 Jul 2017 20:53
 Operator : SJ/JU
 Sample : I4084-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-MH2108-COMP

Quant Time: Jul 11 03:57:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

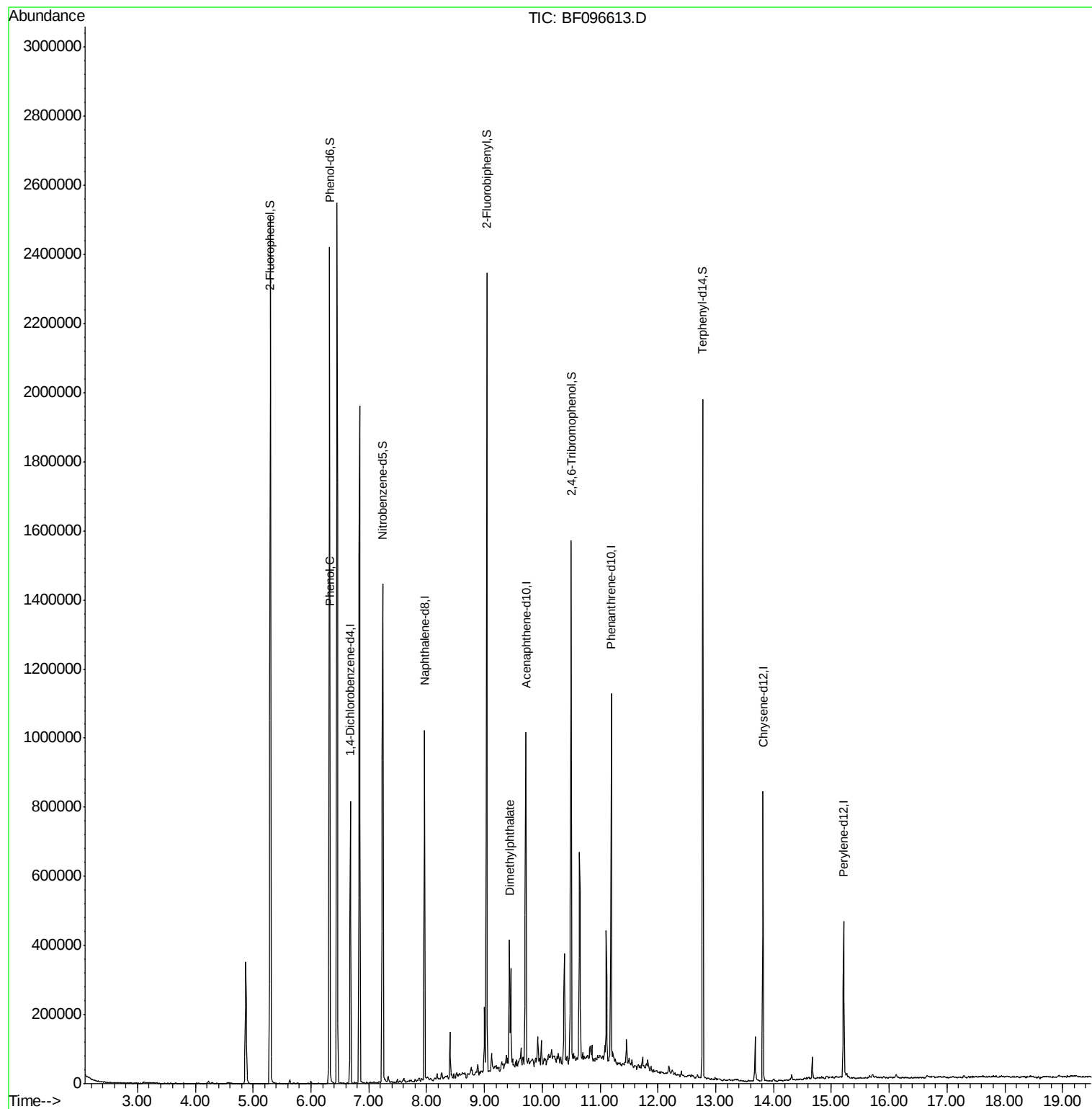
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	111181	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	462180	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	210369	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	377311	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	276896	20.00	ng	-0.03
86) Perylene-d12	15.22	264	194163	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	698773	92.76	ng	-0.01
7) Phenol-d6	6.32	99	840503	90.76	ng	-0.02
23) Nitrobenzene-d5	7.24	82	503315	65.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	174500	106.19	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	775386	63.02	ng	-0.02
78) Terphenyl-d14	12.77	244	624609	48.20	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	23658	2.24	ng	87
49) Dimethylphthalate	9.43	163	127617	8.13	ng	99

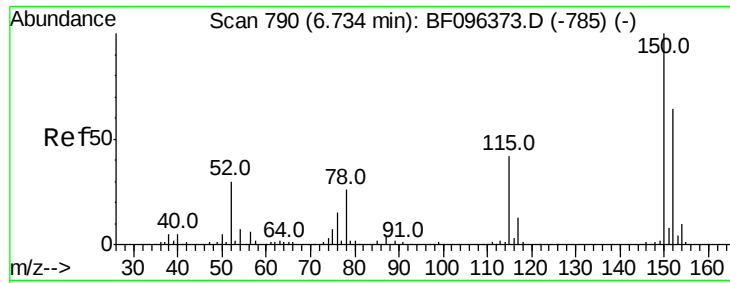
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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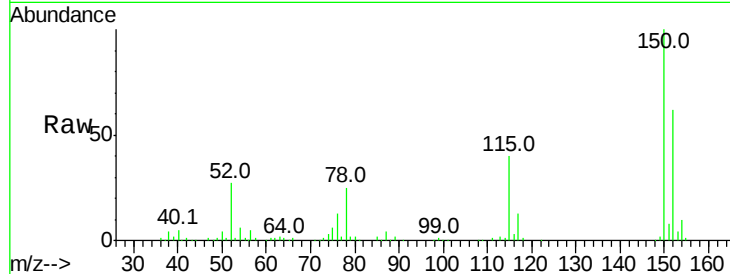


#1

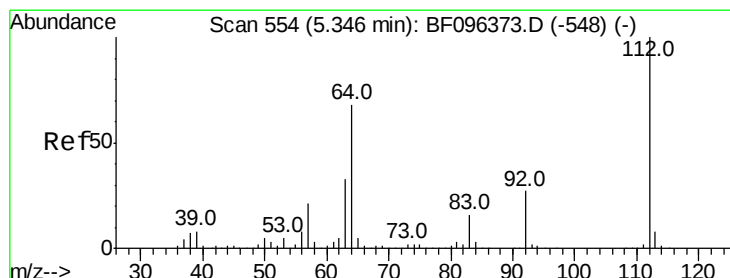
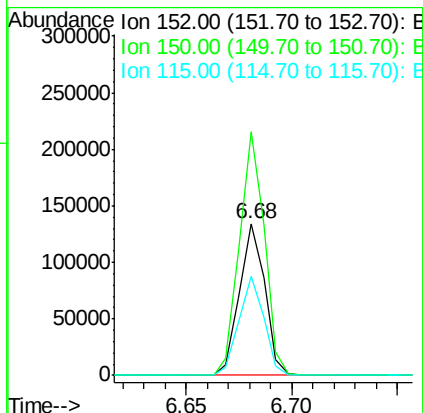
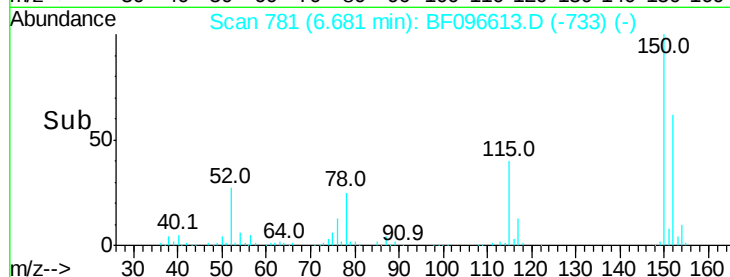
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

Tot Ion:152 Resp: 111181
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 64.8 52.2 78.2



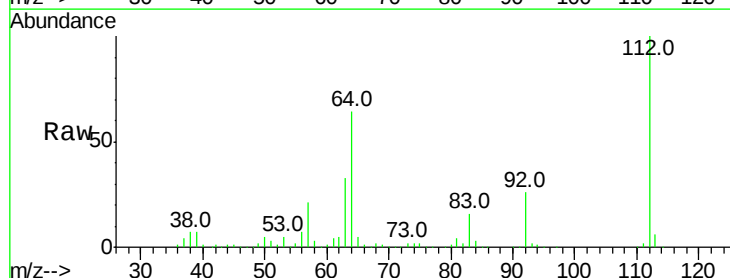
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



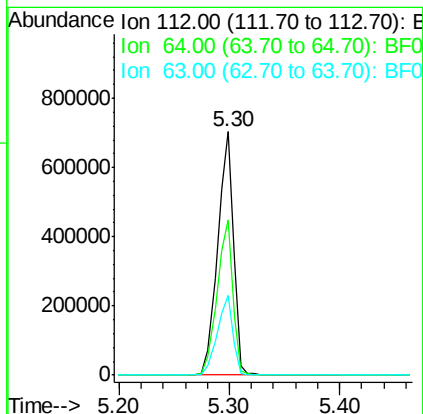
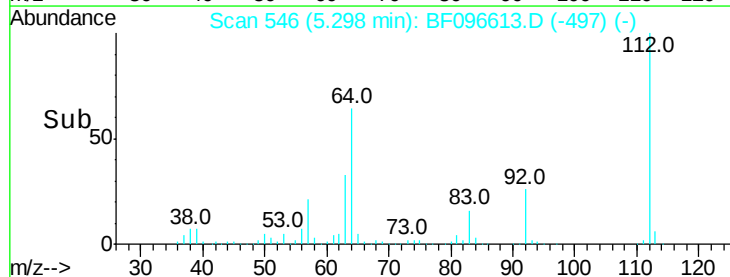
#5

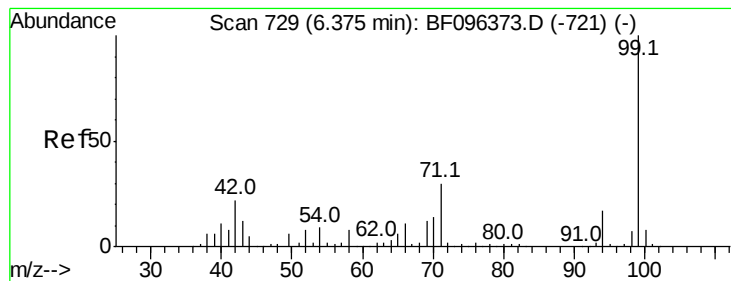
2-Fluorophenol
Concen: 92.76 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:112 Resp: 698773
Ion Ratio Lower Upper
112 100
64 63.6 46.0 69.0
63 32.8 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: 90.76 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

Instrument :

BNA_F

ClientSampleId :

TP9-MH2108-COMP

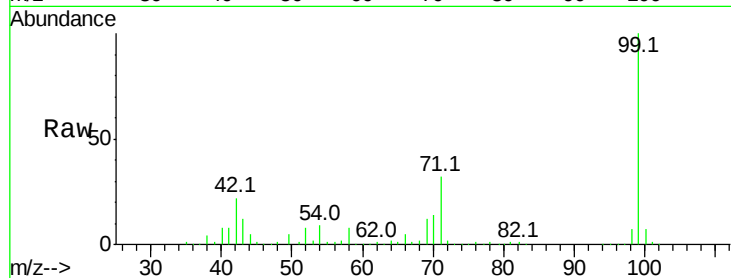
Tot Ion: 99 Resp: 840503

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

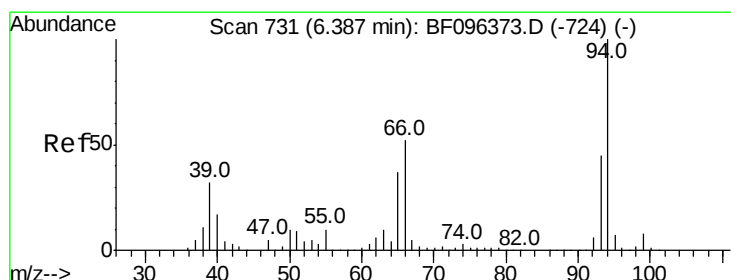
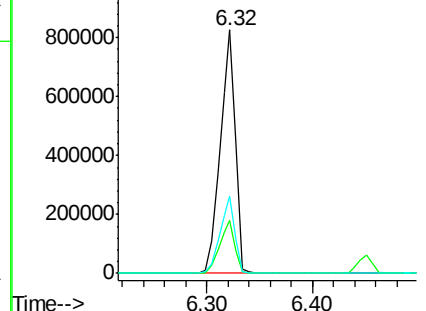
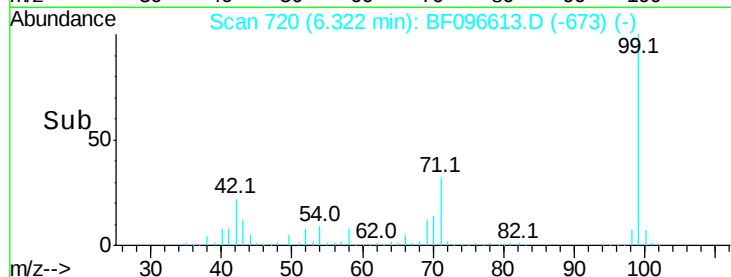
71 31.8 24.5 36.7



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



#10

Phenol

Concen: 2.24 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

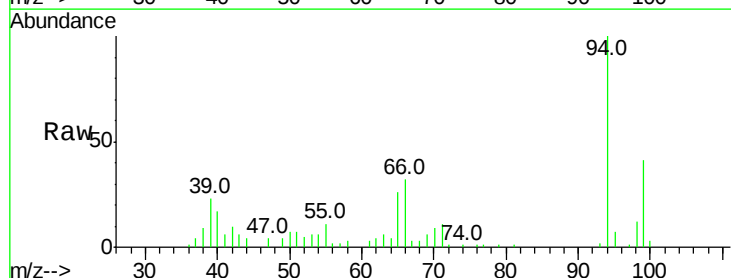
Tgt Ion: 94 Resp: 23658

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

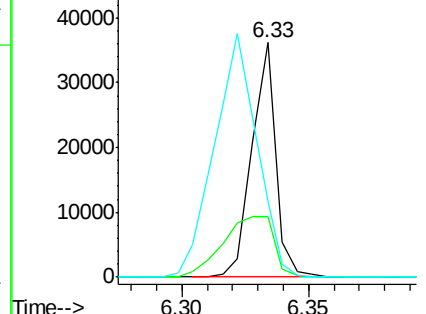
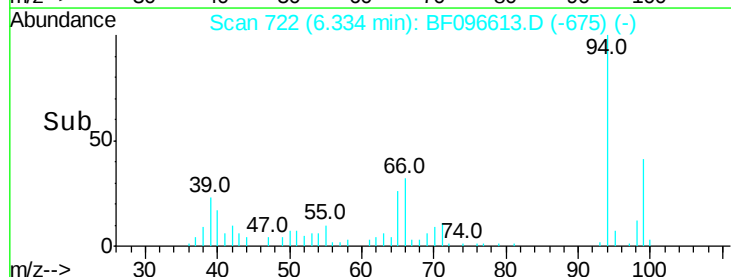
66 32.3 23.1 63.1

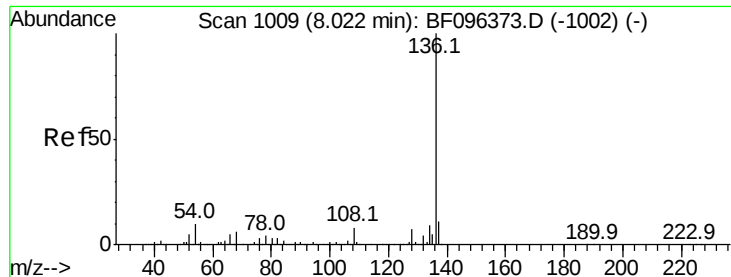


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

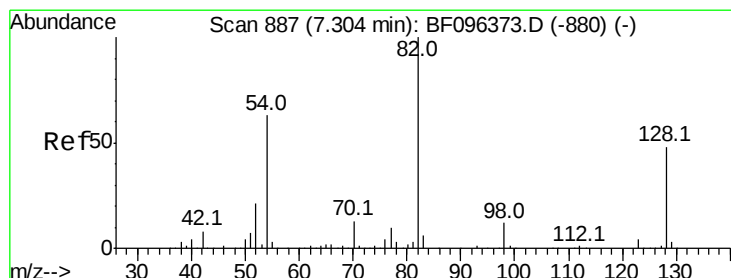
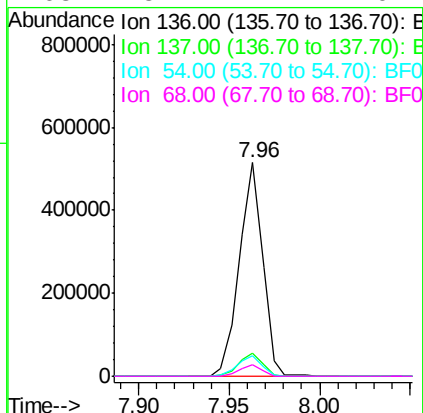
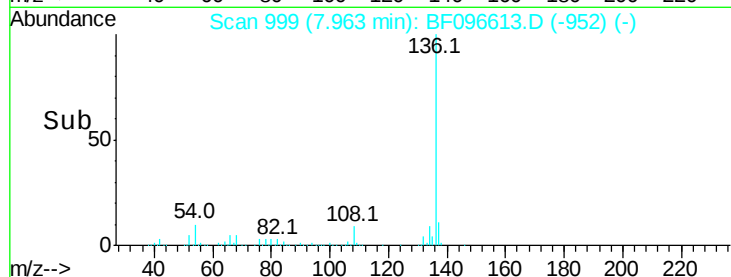
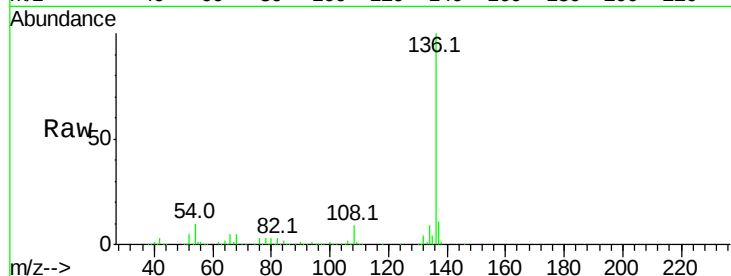




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

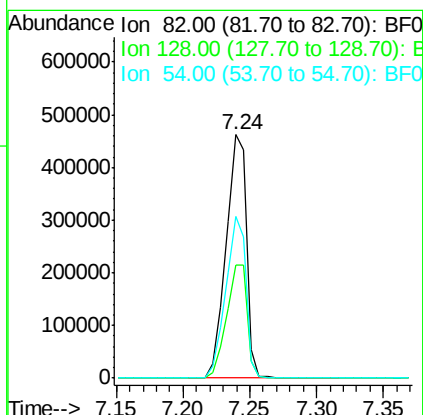
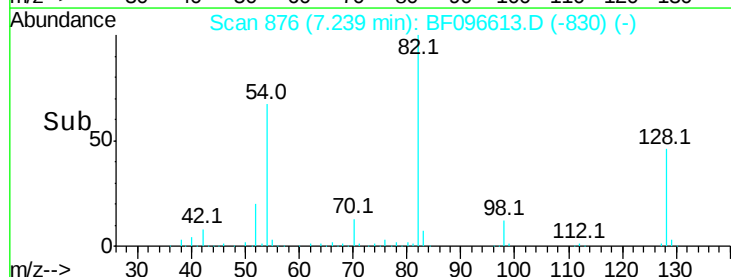
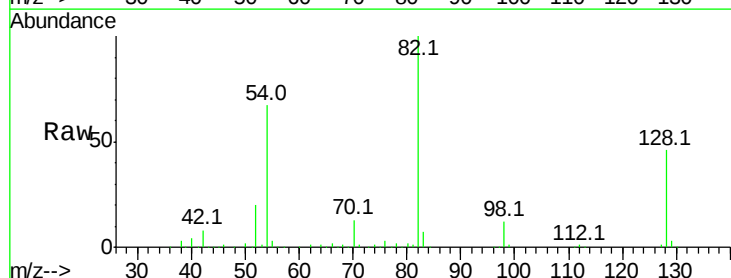
Instrument :
BNA_F
ClientSampleId :
TP9-MH2108-COMP

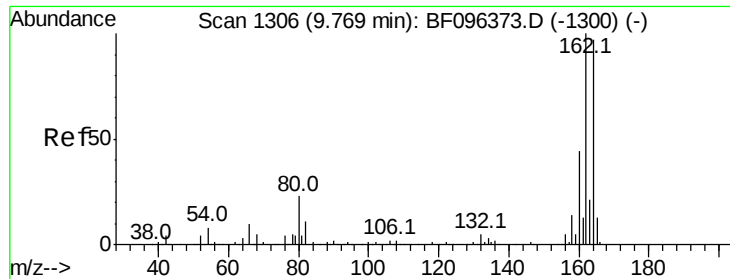
Tot Ion:	136	Resp:	462180
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 65.44 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF096613.D
Acq: 10 Jul 2017 20:53

Tgt Ion:	82	Resp:	503315
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	66.6	42.2	63.2#

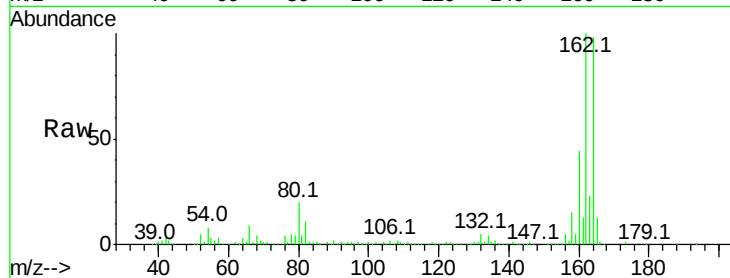




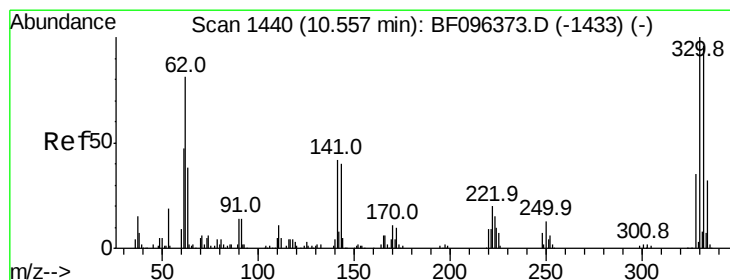
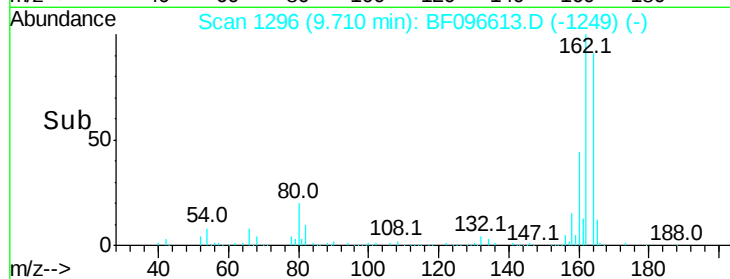
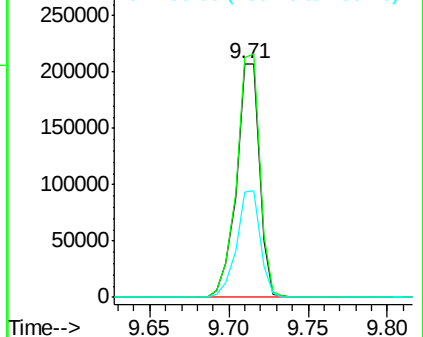
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 TP9-MH2108-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.0	36.2	54.2

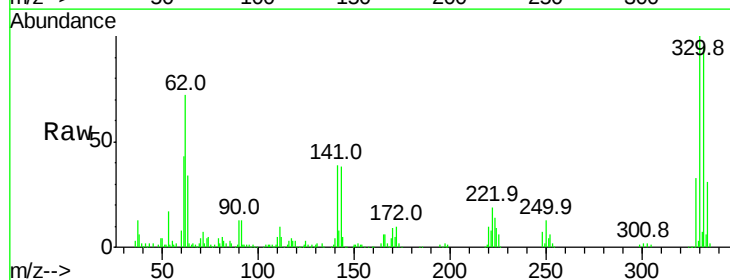


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

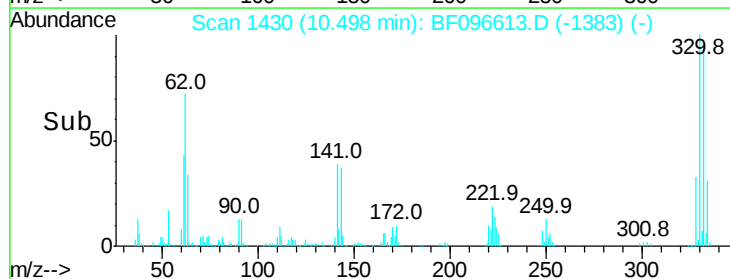
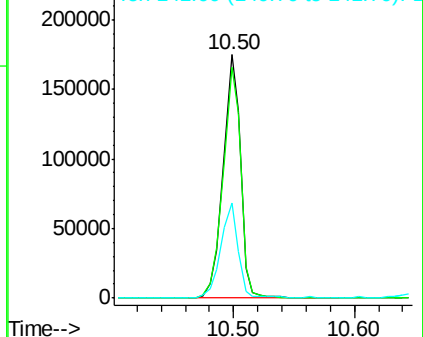


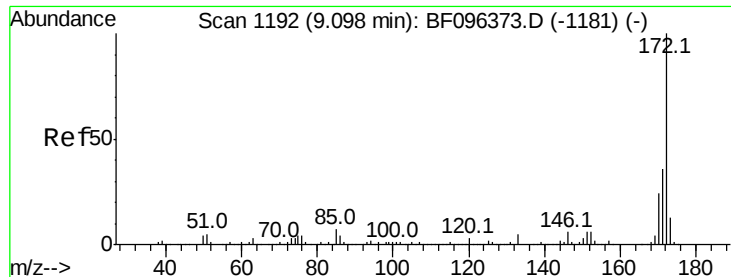
#41
 2,4,6-Tribromophenol
 Concen: 106.19 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.6	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



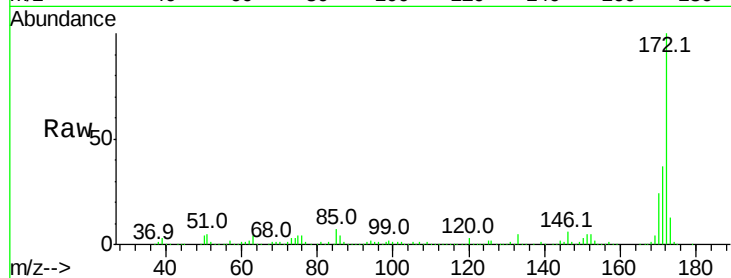


#44
 2-Fluorobiphenyl
 Concen: 63.02 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

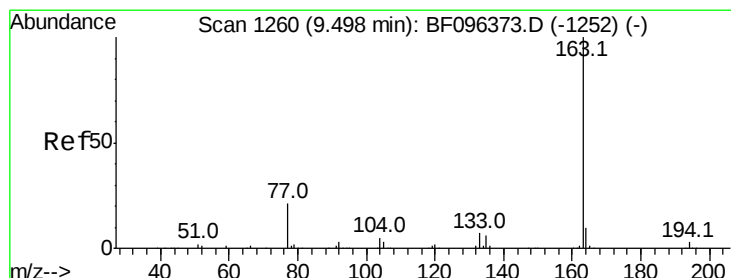
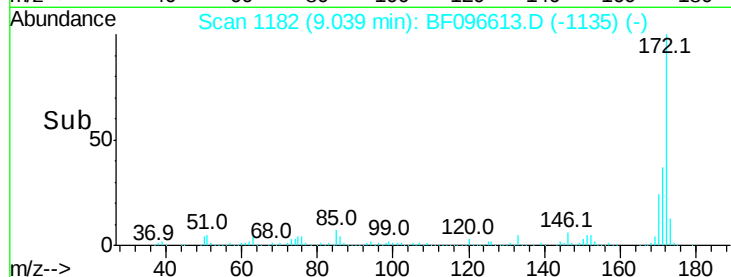
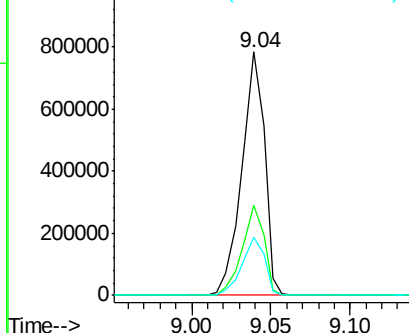
Instrument :
 BNA_F
 ClientSampleId :
 TP9-MH2108-COMP

Tot Ion:172 Resp: 775386

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.8	19.8	29.8



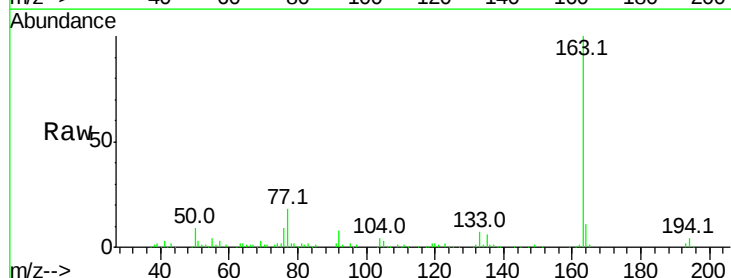
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



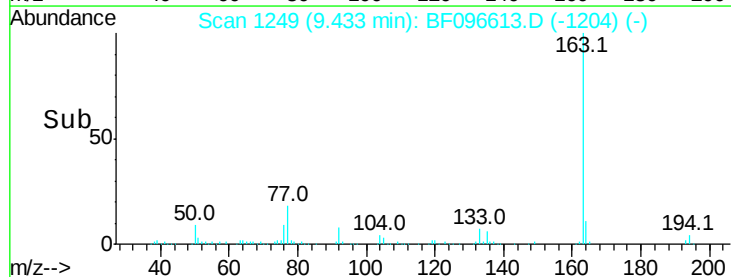
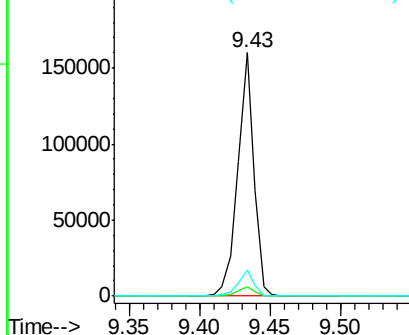
#49
 Dimethylphthalate
 Concen: 8.13 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.04 min
 Lab File: BF096613.D
 Acq: 10 Jul 2017 20:53

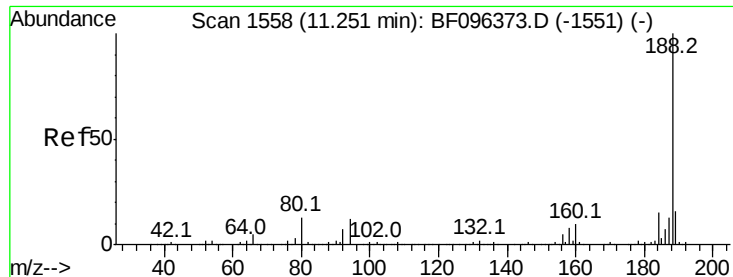
Tgt Ion:163 Resp: 127617

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0
164	10.5	8.4	12.6



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: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

Instrument :

BNA_F

ClientSampleId :

TP9-MH2108-COMP

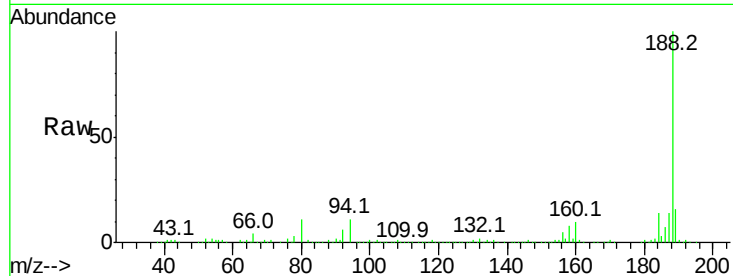
Tot Ion:188 Resp: 377311

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

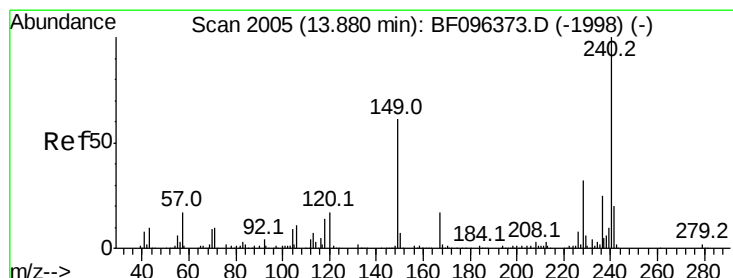
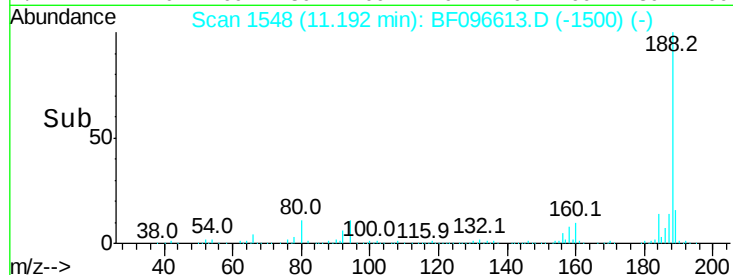
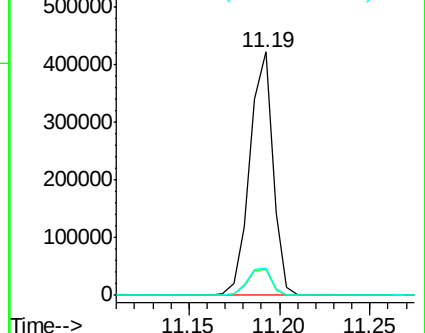
80 11.1 10.2 15.2



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: 13.82 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

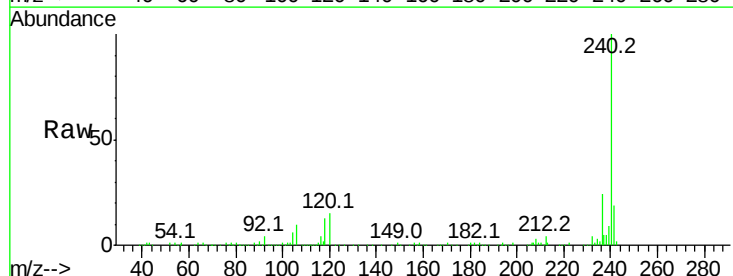
Tgt Ion:240 Resp: 276896

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

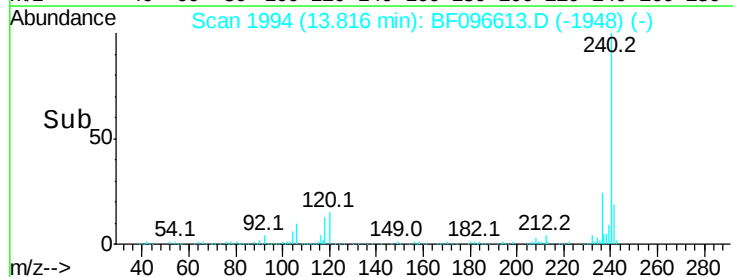
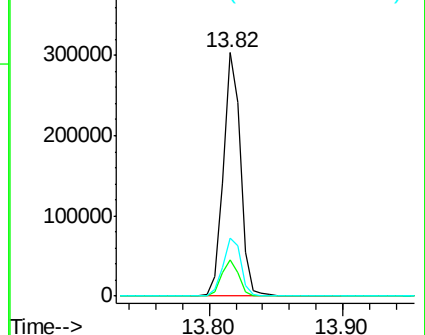
236 24.0 20.5 30.7

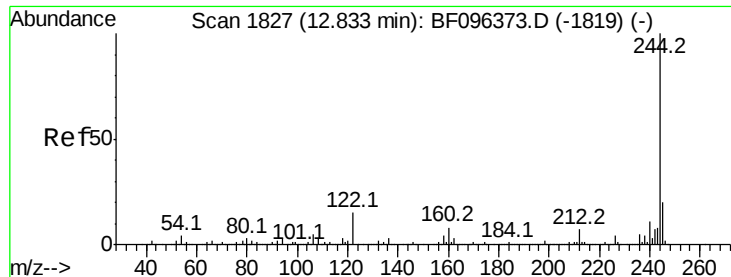


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 48.20 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

Instrument :

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TP9-MH2108-COMP

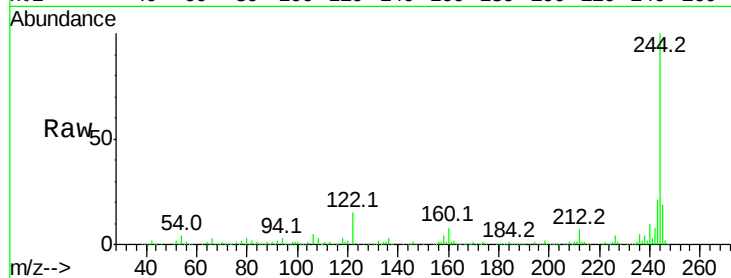
Tot Ion:244 Resp: 624609

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

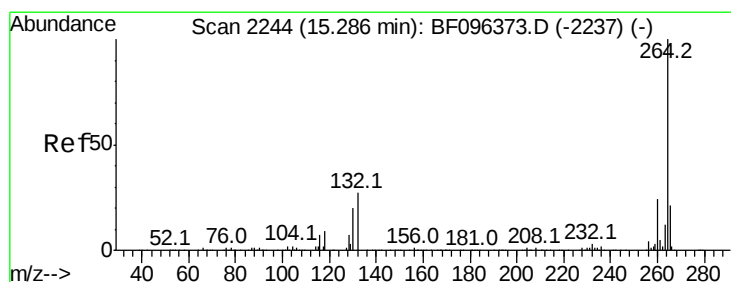
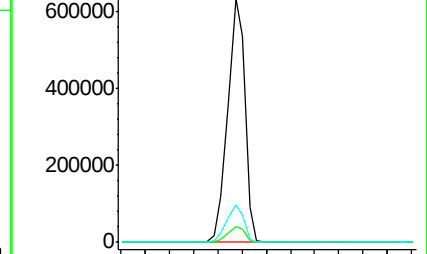
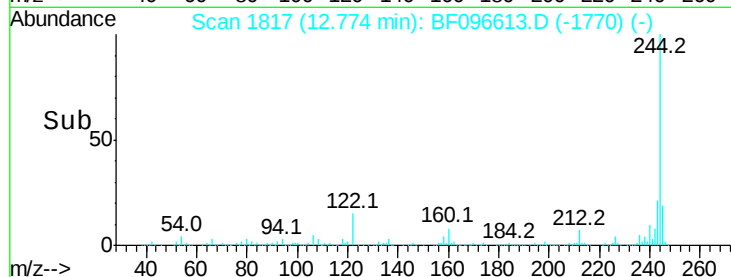
122 15.4 10.3 15.5



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: 15.22 min Scan# 2232

Delta R.T. -0.03 min

Lab File: BF096613.D

Acq: 10 Jul 2017 20:53

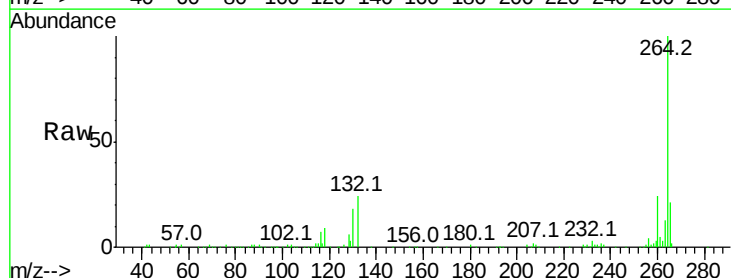
Tgt Ion:264 Resp: 194163

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.3 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

