

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095016.D
 Acq On : 9 May 2017 11:02
 Operator : SJ/MA
 Sample : I2947-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: May 09 12:05:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

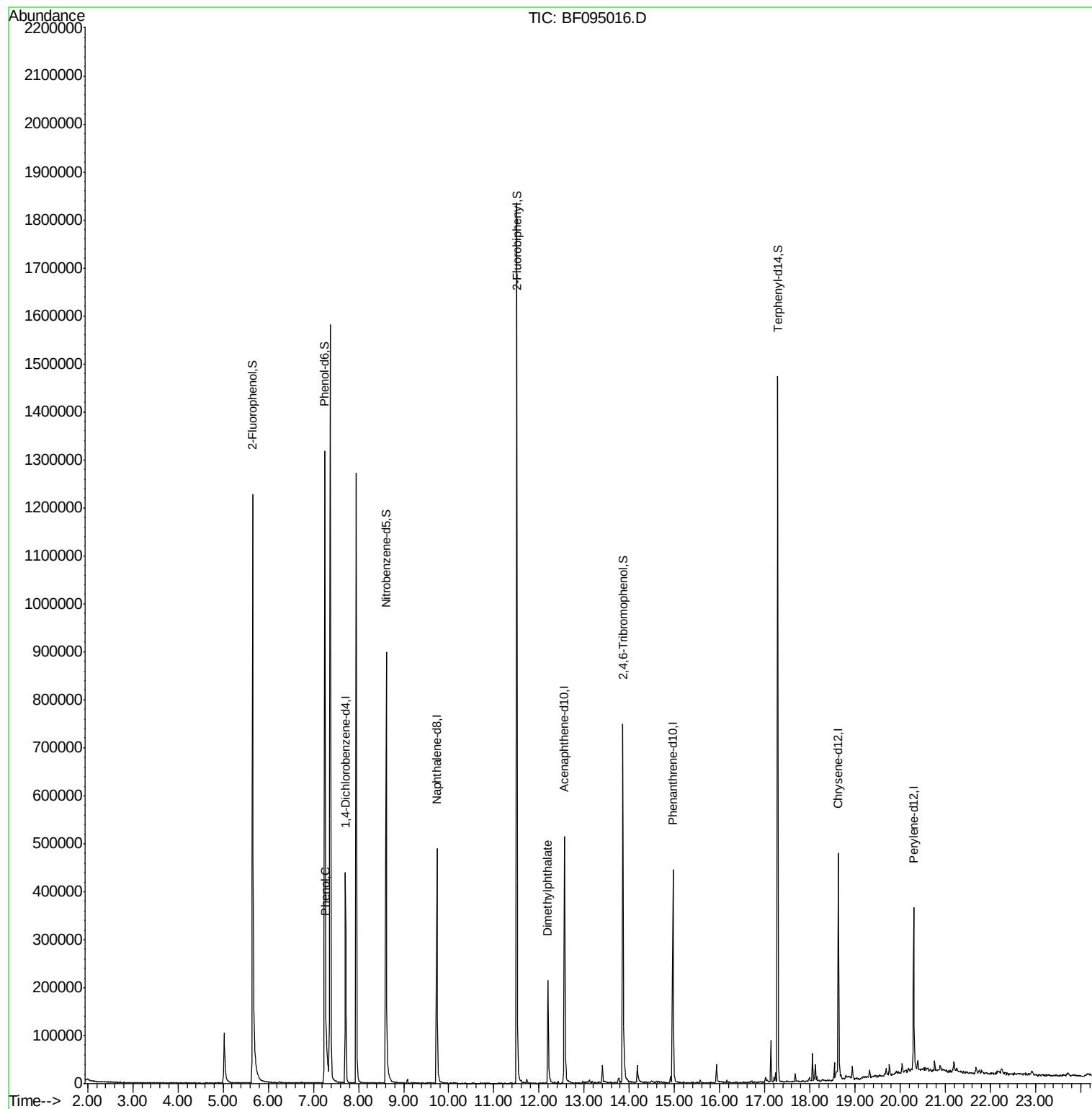
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	92259	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	366187	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	164487	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	257414	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	201096	20.00	ng	-0.02
86) Perylene-d12	20.30	264	155957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	611044	110.42	ng	-0.02
7) Phenol-d6	7.25	99	758925	114.30	ng	-0.02
23) Nitrobenzene-d5	8.61	82	439550	75.69	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	138196	102.59	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	798619	69.88	ng	-0.02
78) Terphenyl-d14	17.29	244	541058	59.26	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	16406	2.34	ng	81
49) Dimethylphthalate	12.20	163	148394	10.99	ng	99

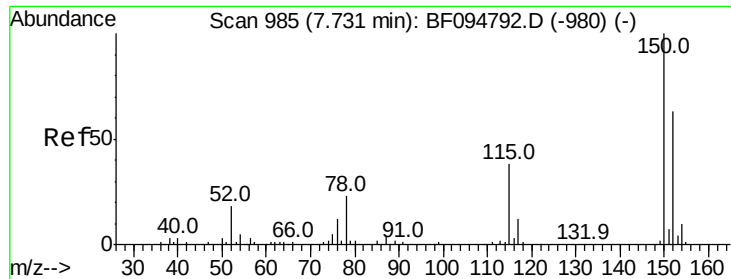
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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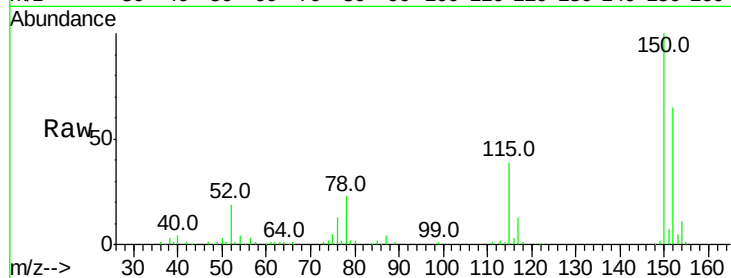


#1

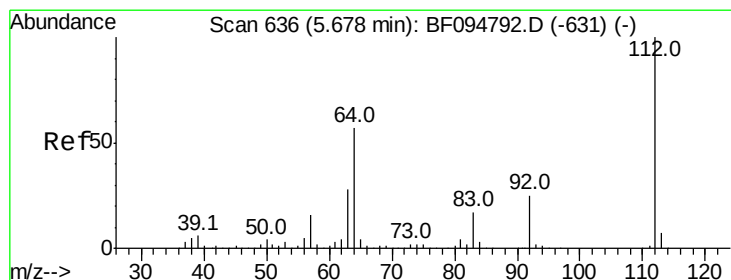
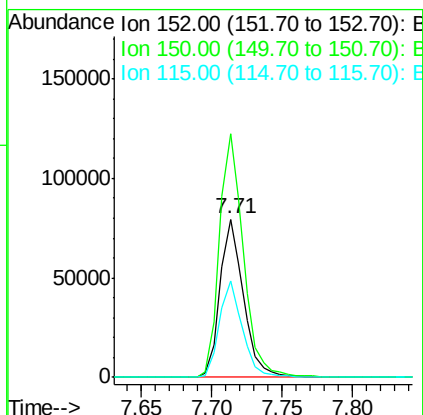
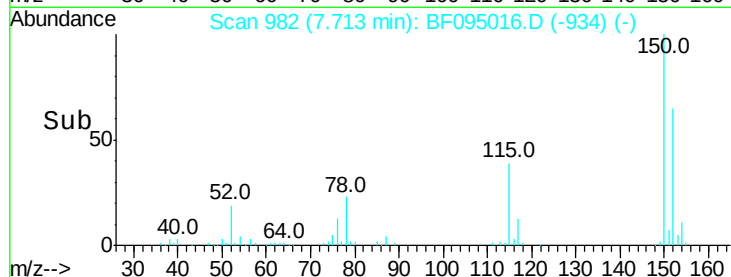
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tot Ion:152 Resp: 92259
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 60.8 52.2 78.2



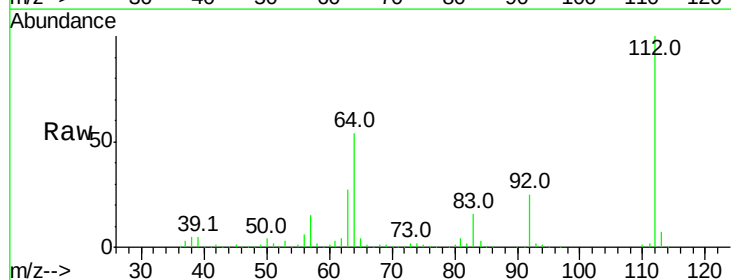
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



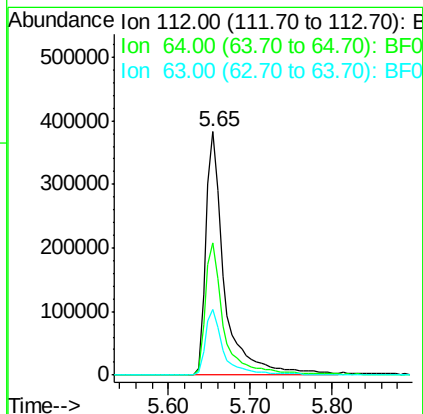
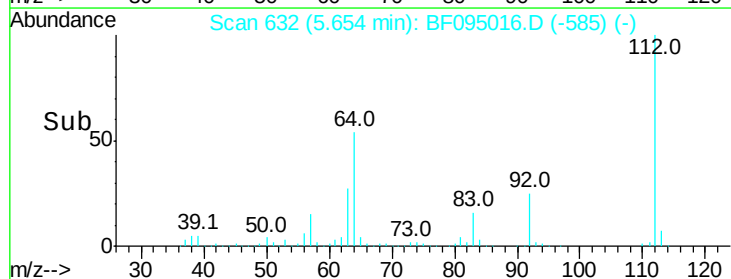
#5

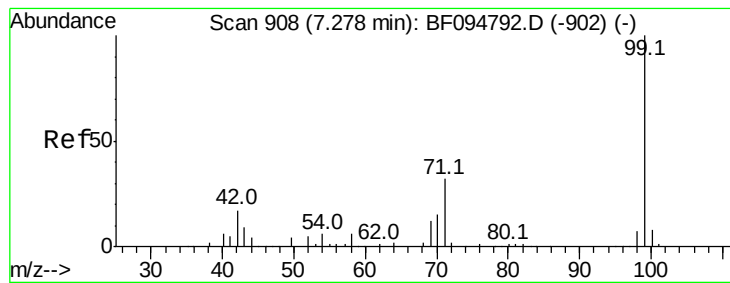
2-Fluorophenol
Concen: 110.42 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

Tgt Ion:112 Resp: 611044
Ion Ratio Lower Upper
112 100
64 54.4 46.0 69.0
63 26.9 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: 114.30 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

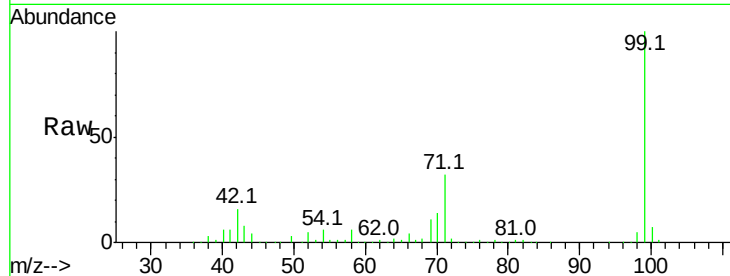
Tot Ion: 99 Resp: 758925

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

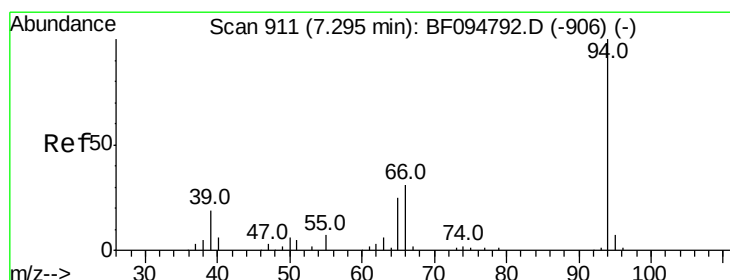
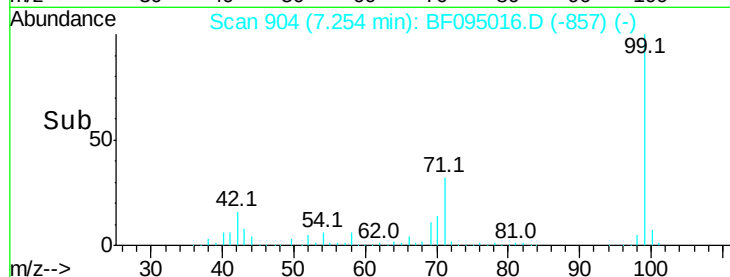
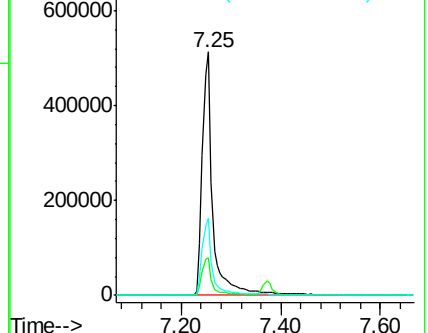
71 31.8 24.5 36.7



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: 2.34 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

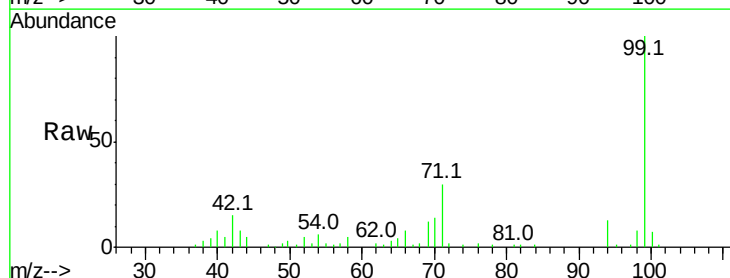
Tgt Ion: 94 Resp: 16406

Ion Ratio Lower Upper

94 100

65 28.0 9.9 49.9

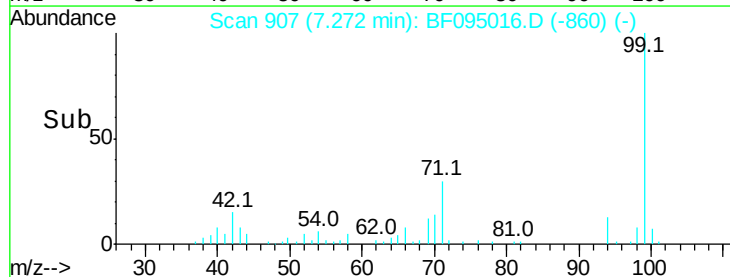
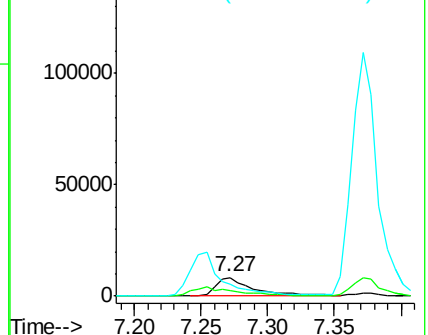
66 62.0 23.1 63.1

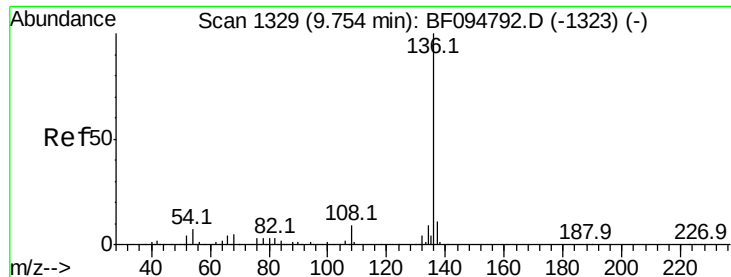


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

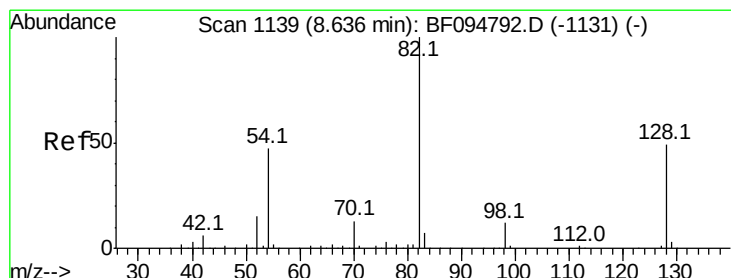
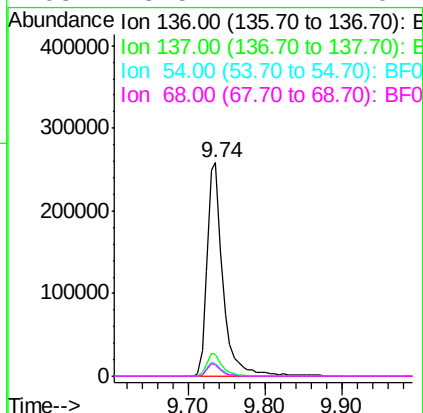
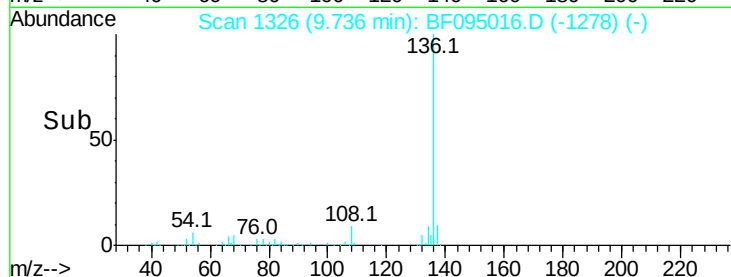
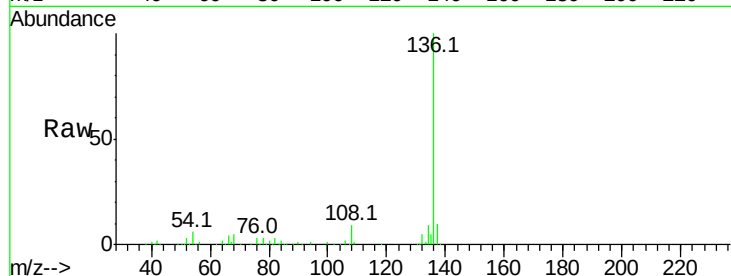




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

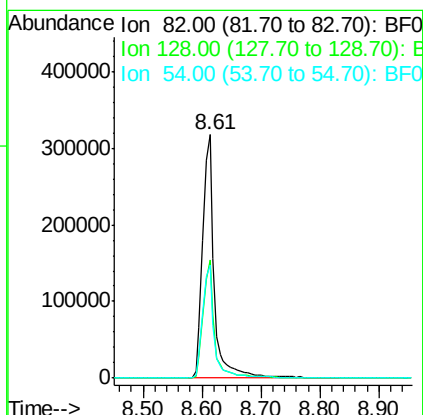
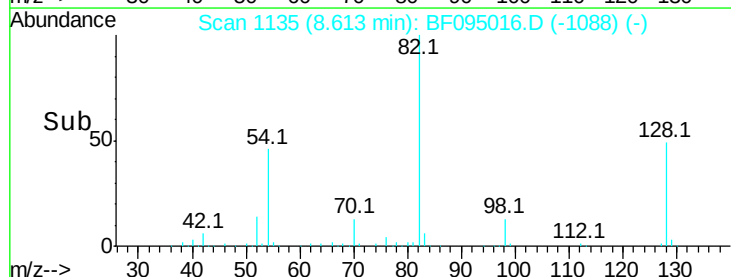
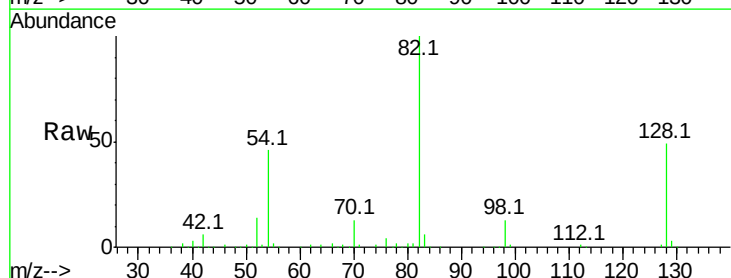
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

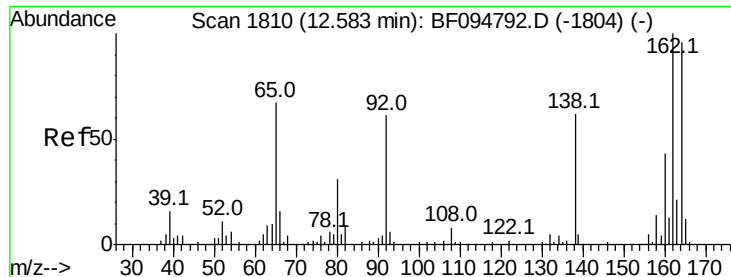
Tot Ion:136	Resp:	366187
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.5	12.7
54 6.3	4.9	7.3
68 5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 75.69 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

Tgt	Ion: 82	Resp:	439550
Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	46.4	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

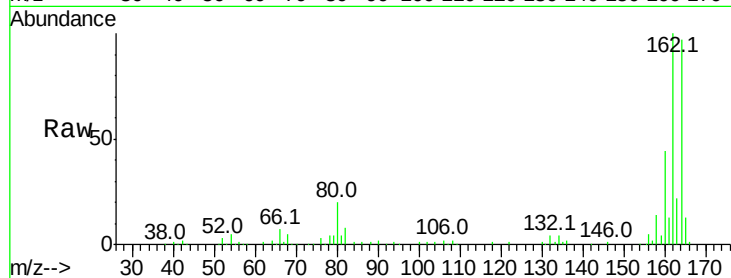
Tot Ion:164 Resp: 164487

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

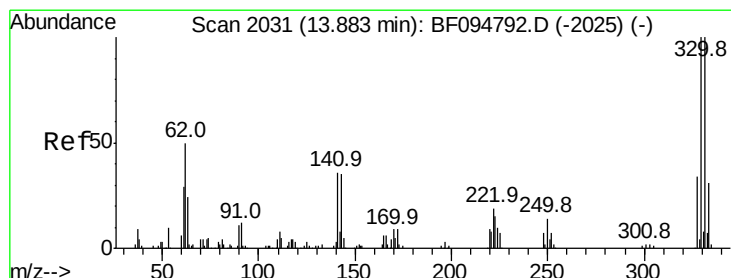
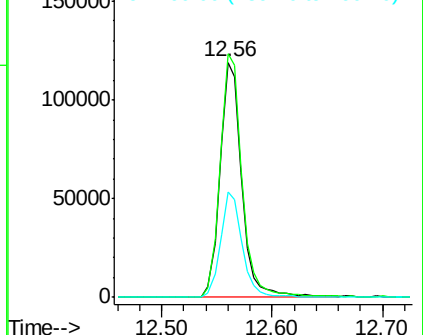
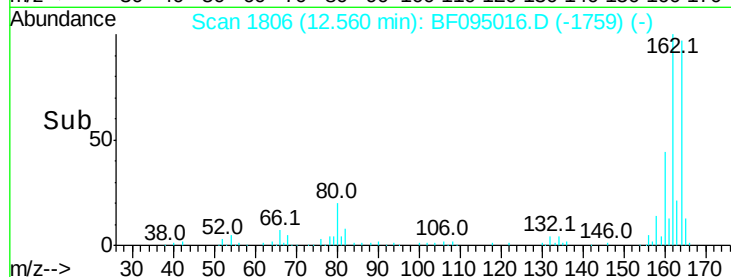
160 45.0 36.2 54.2



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: 102.59 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

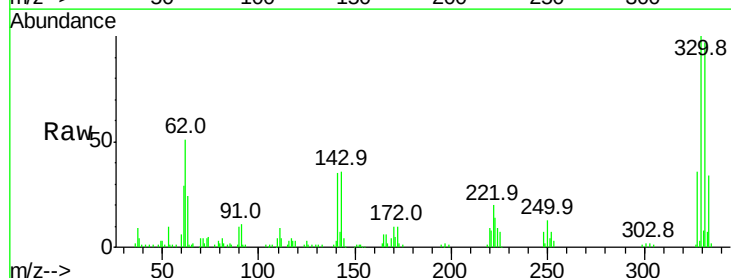
Tgt Ion:330 Resp: 138196

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

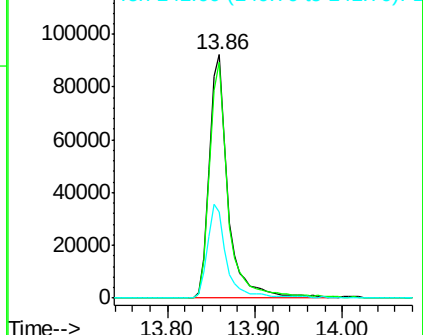
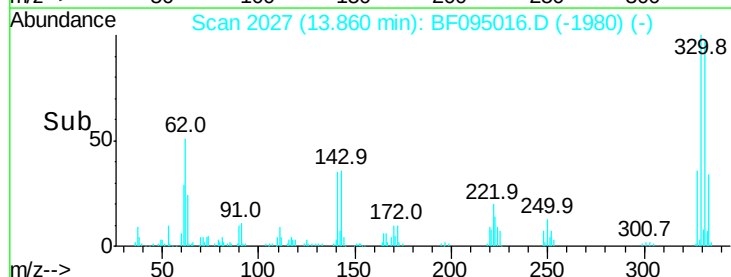
141 38.5 31.4 47.2

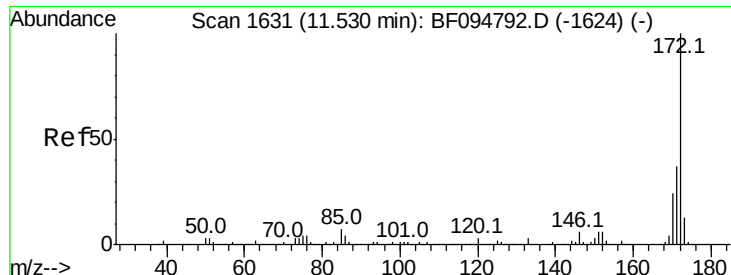


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

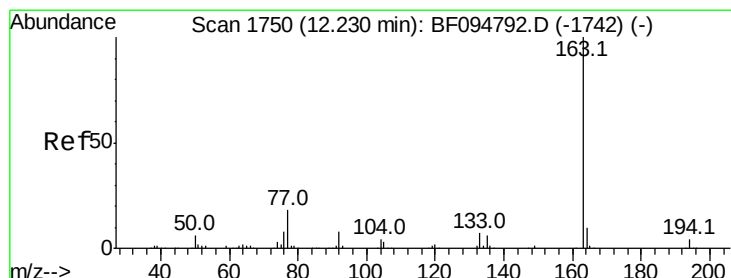
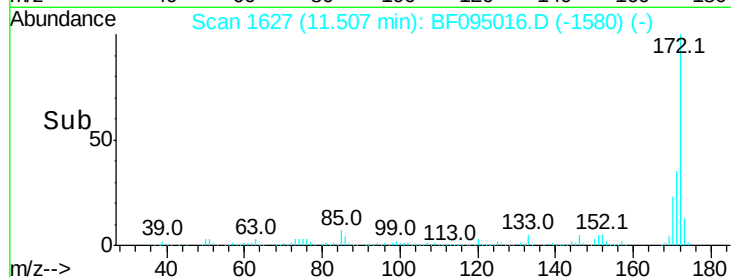
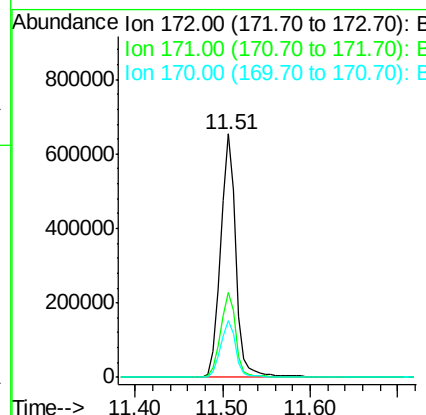
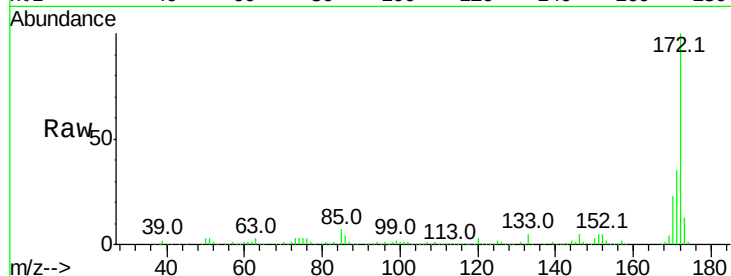




#44
2-Fluorobiphenyl
Concen: 69.88 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

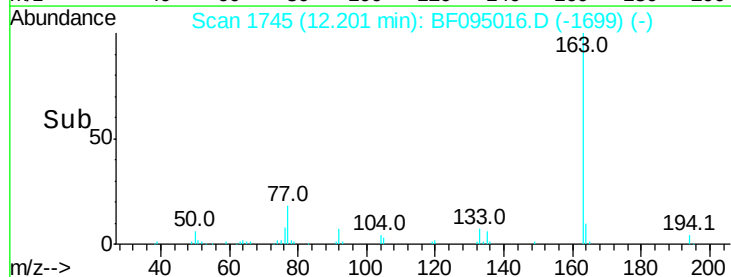
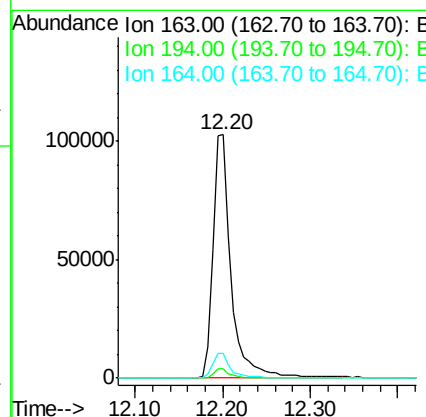
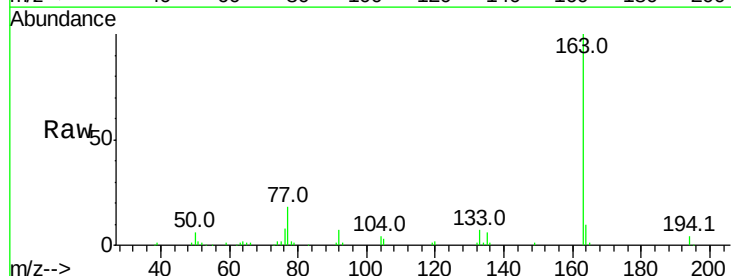
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

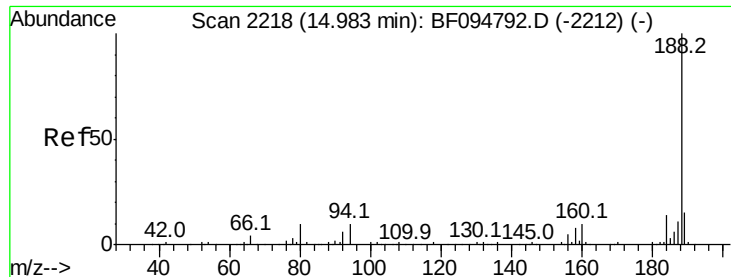
Tot Ion:172 Resp: 798619
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 10.99 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095016.D
Acq: 9 May 2017 11:02

Tgt Ion:163 Resp: 148394
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.2 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

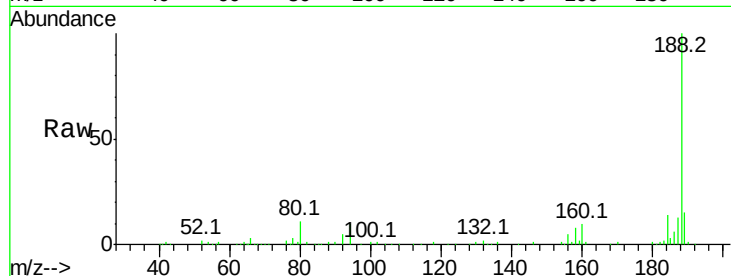
Tot Ion:188 Resp: 257414

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

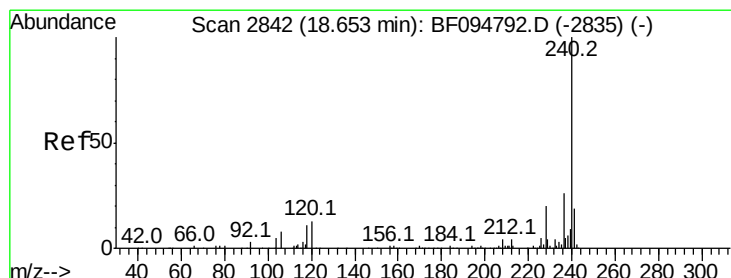
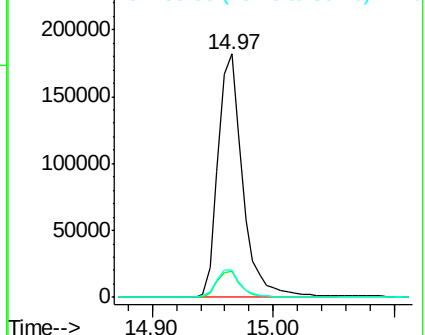
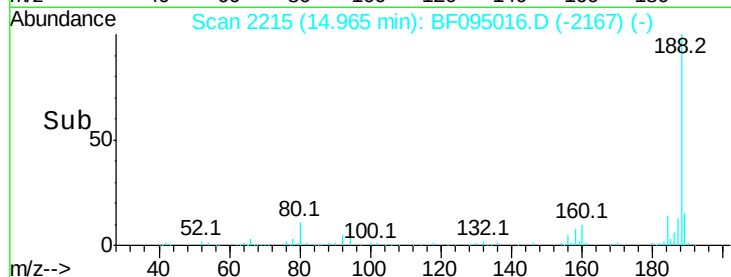
80 11.2 10.2 15.2



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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095016.D

Acq: 9 May 2017 11:02

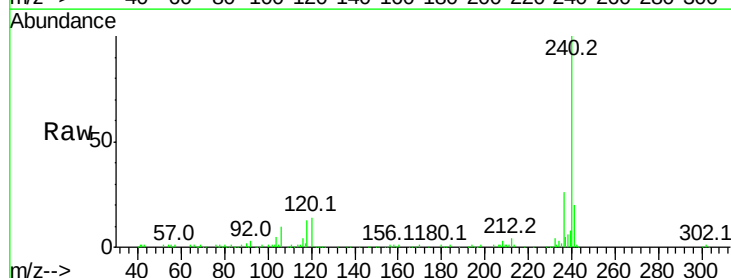
Tgt Ion:240 Resp: 201096

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

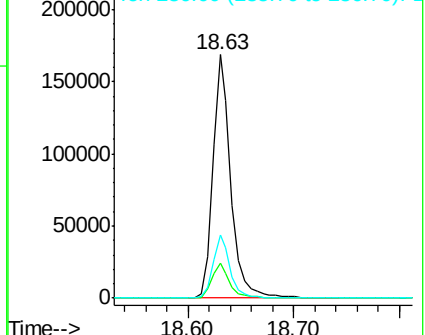
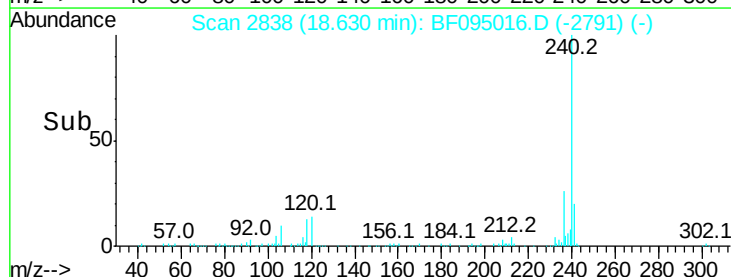
236 25.9 20.5 30.7

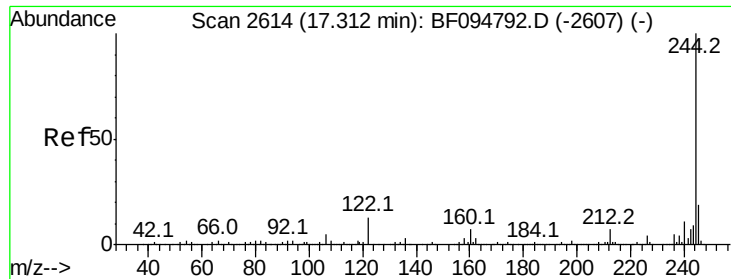


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

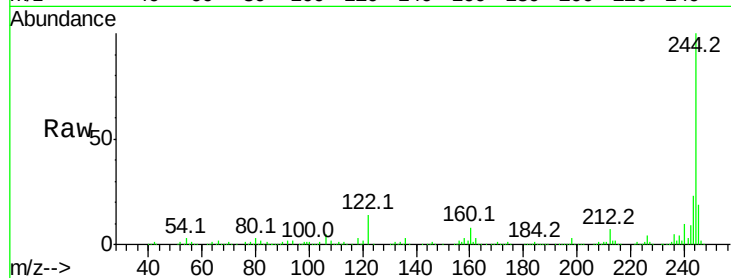




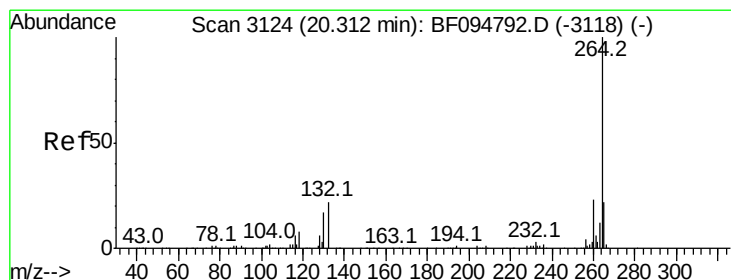
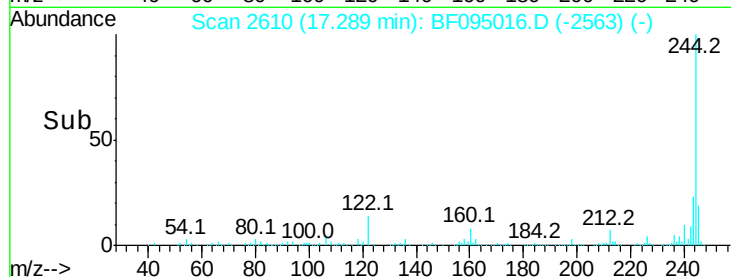
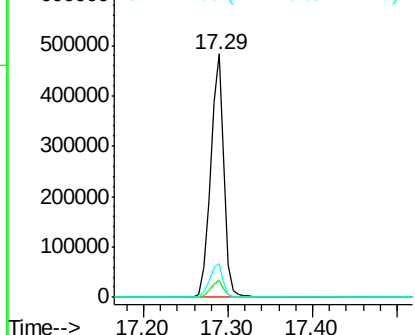
#78
 Terphenyl-d14
 Concen: 59.26 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095016.D
 Acq: 9 May 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tot Ion:244 Resp: 541058
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.9 10.3 15.5

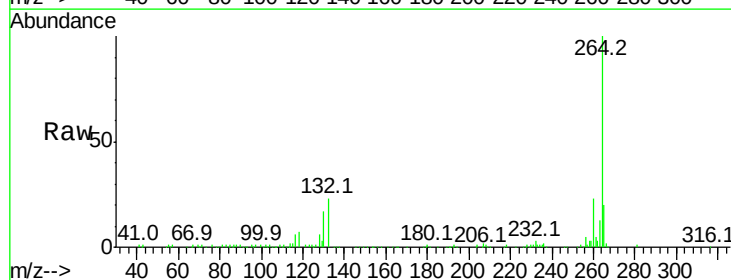


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095016.D
 Acq: 9 May 2017 11:02

Tgt Ion:264 Resp: 155957
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.0 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

