

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095116.D
 Acq On : 12 May 2017 17:25
 Operator : SJ/MA
 Sample : I3099-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Quant Time: May 12 18:23:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 18:05:24 2017
 Response via : Initial Calibration

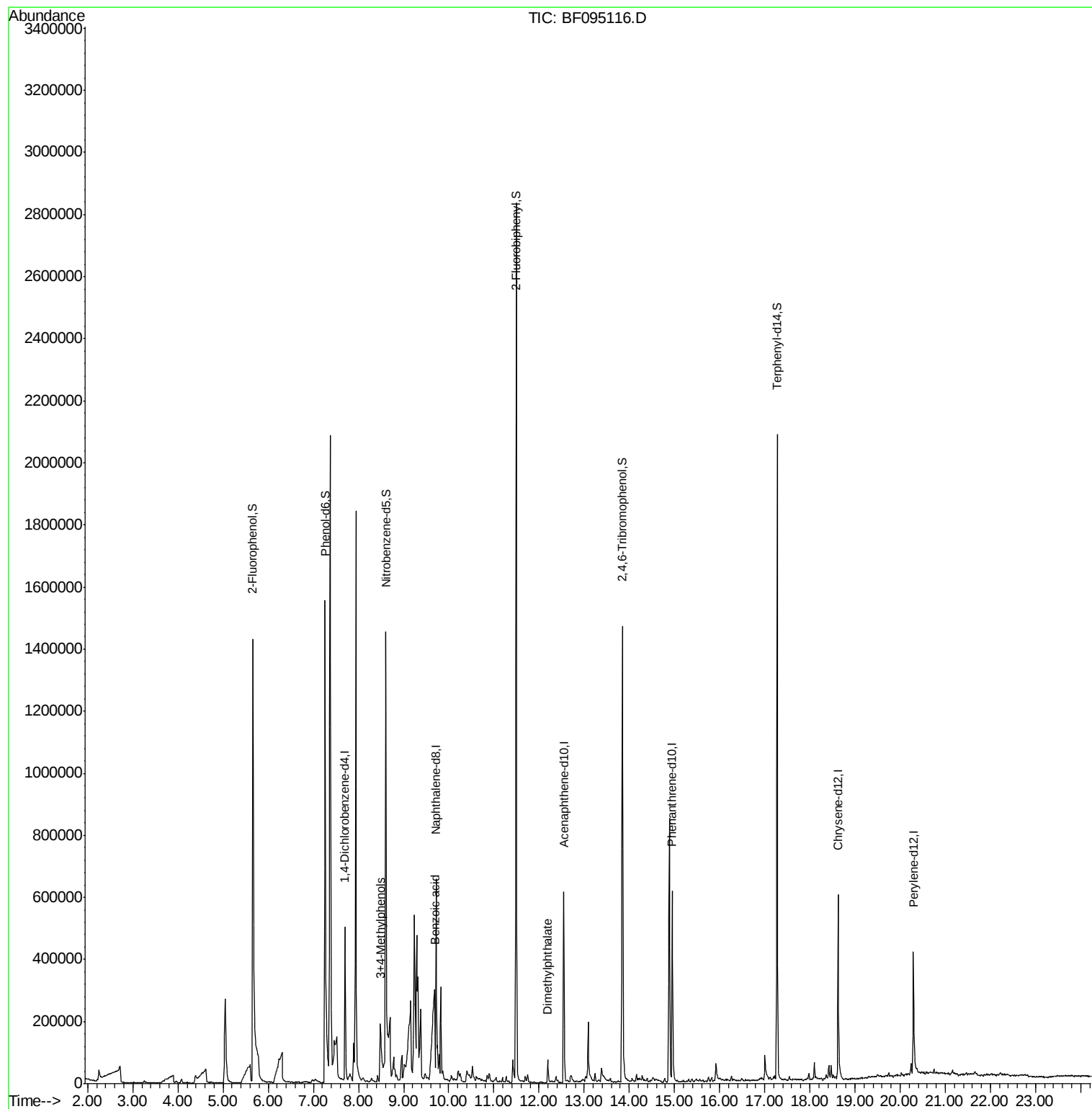
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	98499	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	396063	20.00	ng	0.00
38) Acenaphthene-d10	12.54	164	183007	20.00	ng	0.00
63) Phenanthrene-d10	14.95	188	351158	20.00	ng	0.00
75) Chrysene-d12	18.62	240	288821	20.00	ng	0.00
86) Perylene-d12	20.29	264	217670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	797503	134.99	ng	0.02
7) Phenol-d6	7.26	99	949356	133.93	ng	0.01
23) Nitrobenzene-d5	8.61	82	639194	101.77	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	248404	165.74	ng	0.00
44) 2-Fluorobiphenyl	11.49	172	1249999	98.31	ng	0.00
78) Terphenyl-d14	17.28	244	828838	63.21	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.48	107	151977	20.32	ng	Qvalue # 54
32) Benzoic acid	9.69	122	144746	39.40	ng	96
49) Dimethylphthalate	12.19	163	56744	3.78	ng	100

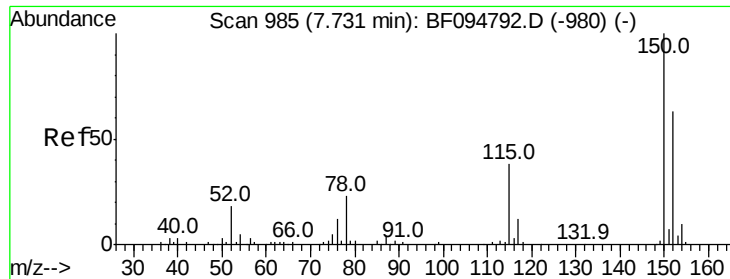
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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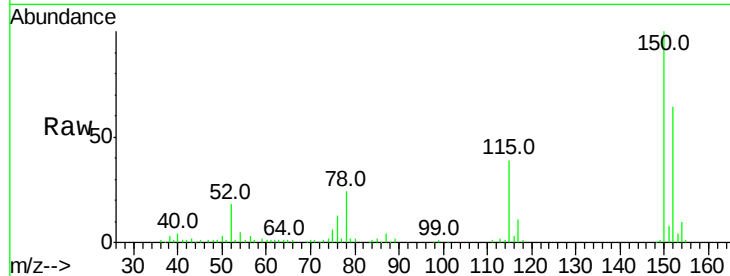


#1

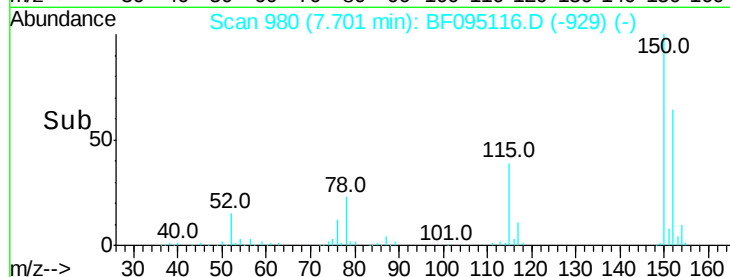
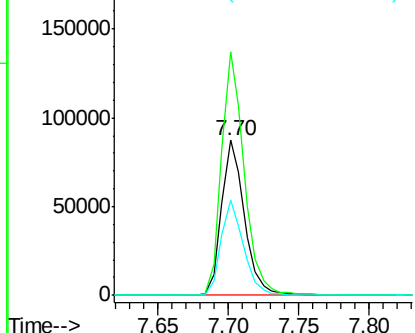
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
OWS-1

Tot Ion:152 Resp: 98499
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 61.1 52.2 78.2



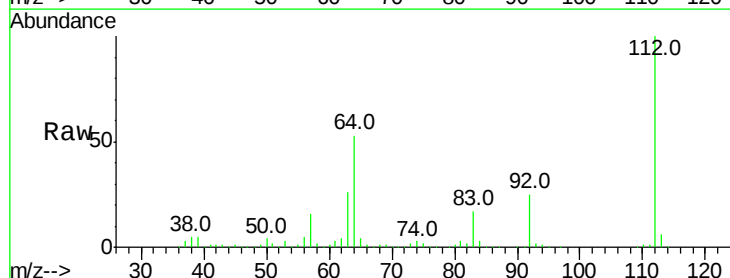
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



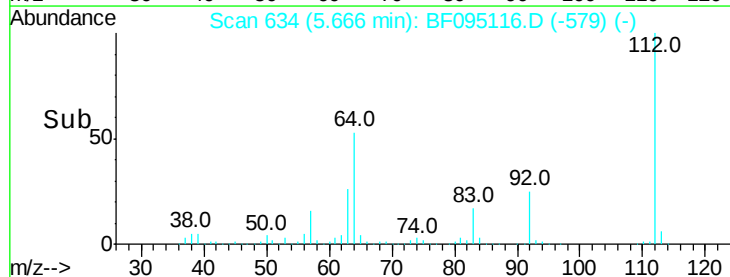
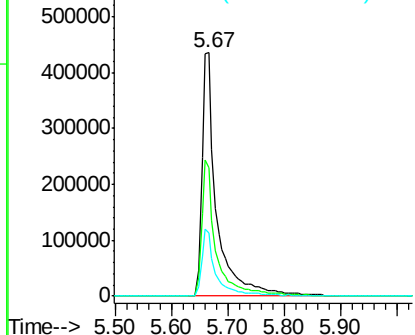
#5

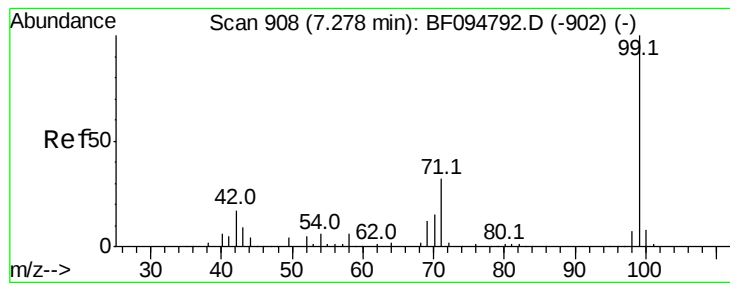
2-Fluorophenol
Concen: 134.99 ng
RT: 5.67 min Scan# 634
Delta R.T. 0.02 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Tgt Ion:112 Resp: 797503
Ion Ratio Lower Upper
112 100
64 52.8 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: 133.93 ng

RT: 7.26 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

OWS-1

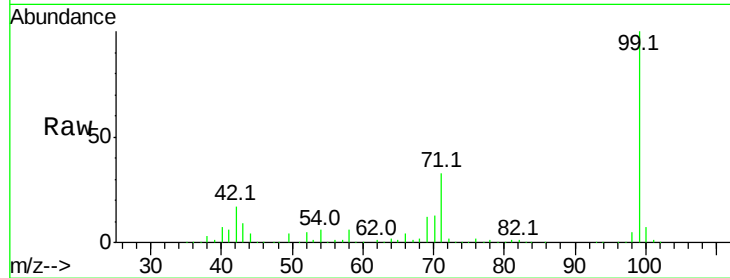
Tot Ion: 99 Resp: 949356

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

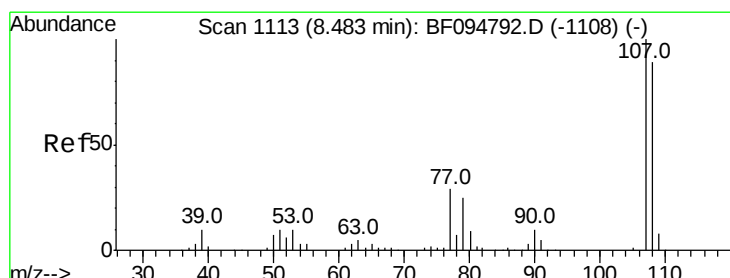
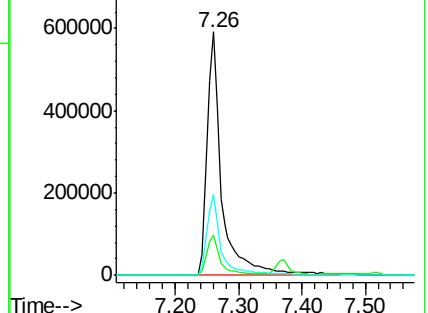
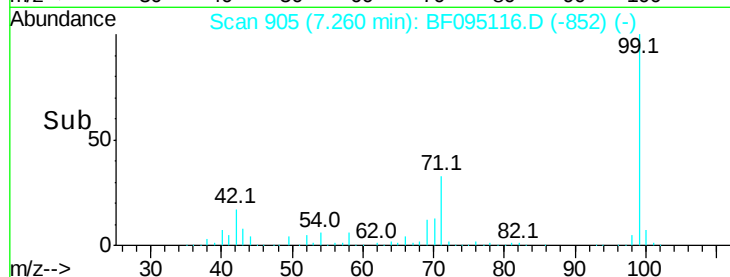
71 33.5 24.5 36.7



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



#20

3+4-Methylphenols

Concen: 20.32 ng

RT: 8.48 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Tgt Ion:107 Resp: 151977

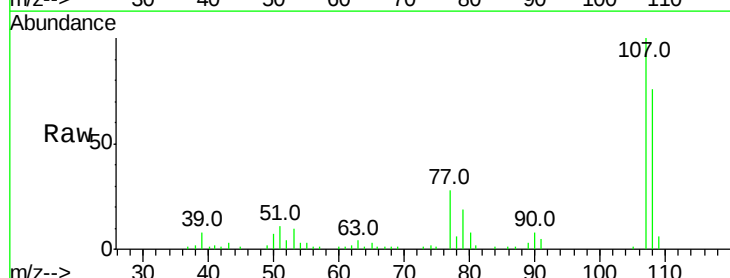
Ion Ratio Lower Upper

107 100

108 76.1 71.0 111.0

77 28.1 90.5 130.5#

79 18.9 8.4 48.4

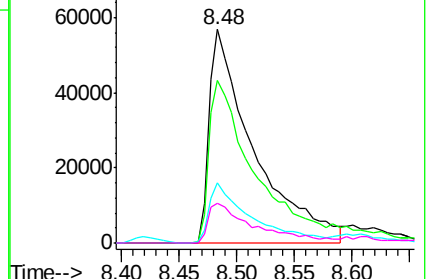
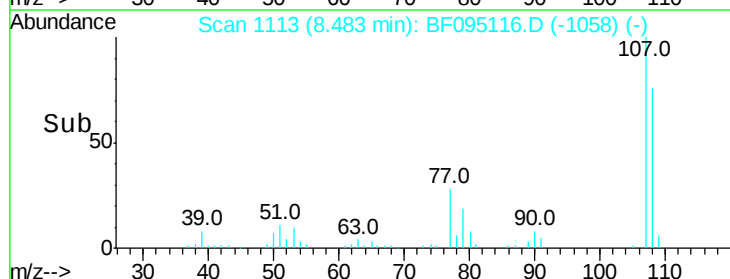


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

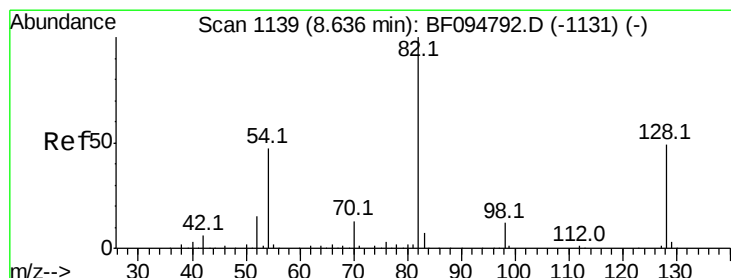
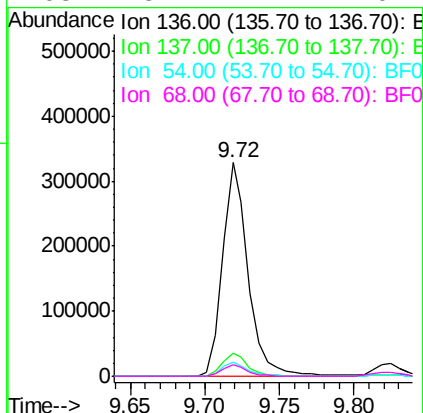
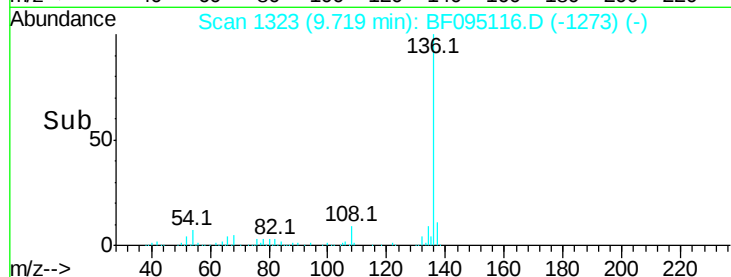
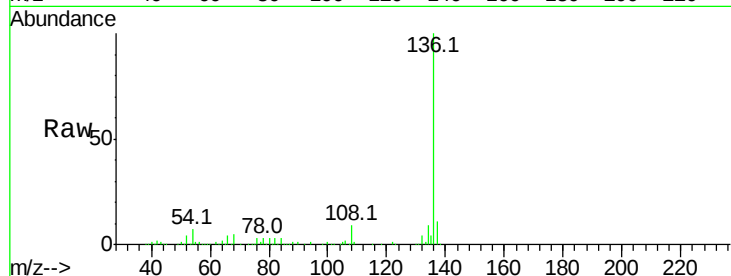




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

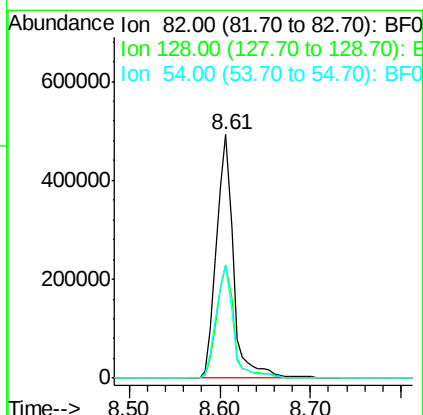
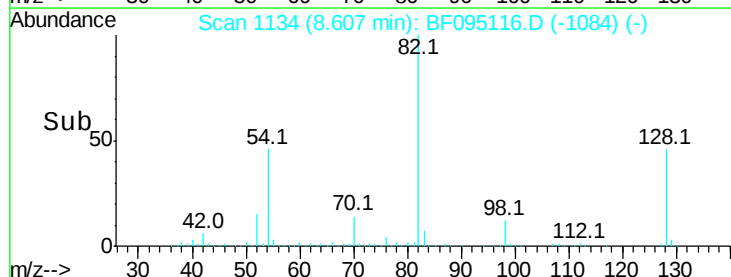
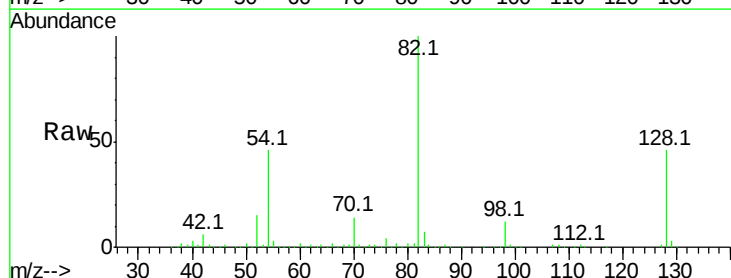
Instrument :
BNA_F
ClientSampleId :
OWS-1

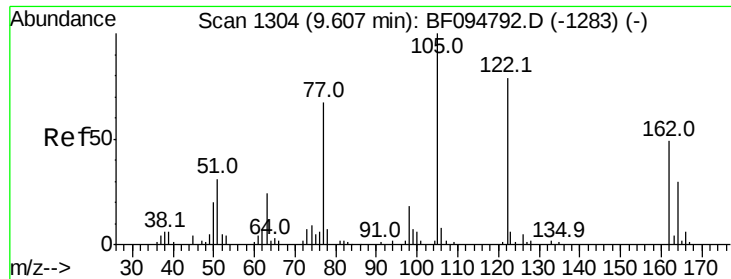
Tot Ion:136	Resp:	396063
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	6.7	4.9 7.3
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 101.77 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Tgt Ion: 82	Resp:	639194
Ion Ratio	Lower	Upper
82	100	
128	46.3	34.0 51.0
54	46.5	42.2 63.2

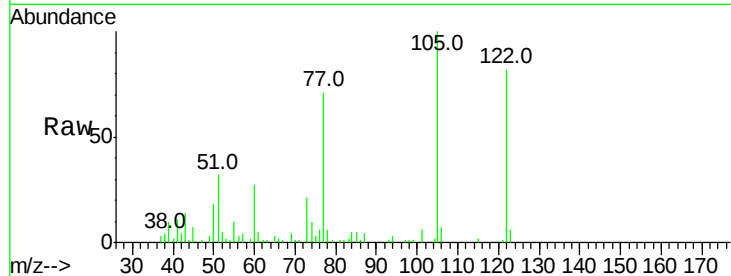




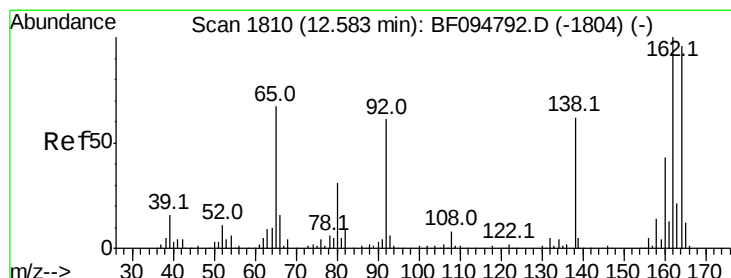
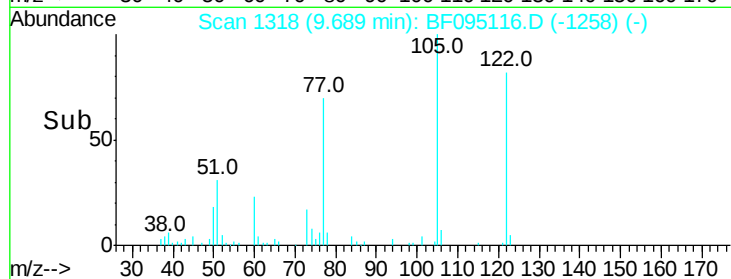
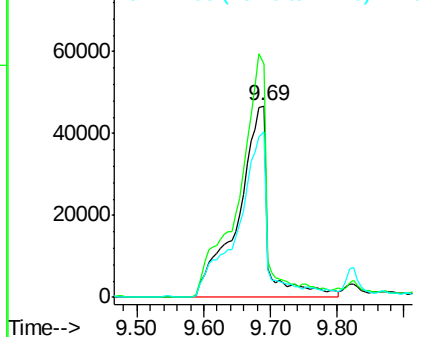
#32
Benzoic acid
Concen: 39.40 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.05 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :
OWS-1

Tot Ion:122 Resp: 144746
Ion Ratio Lower Upper
122 100
105 122.1 103.3 143.3
77 86.6 73.7 113.7

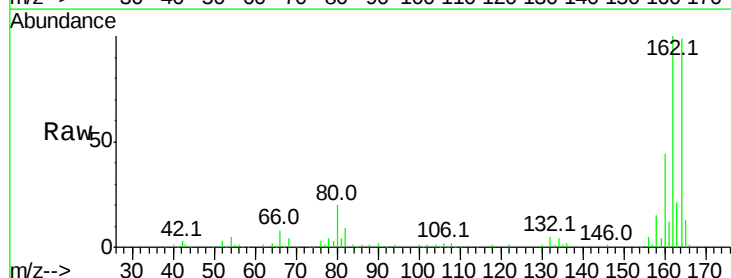


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

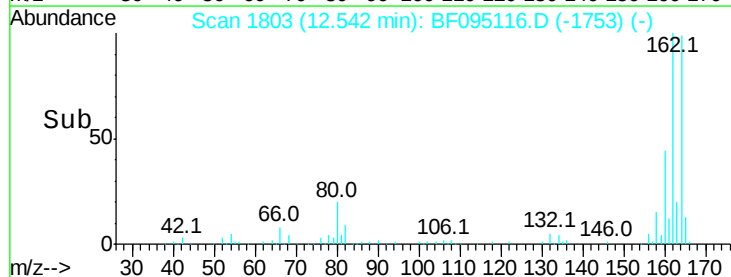
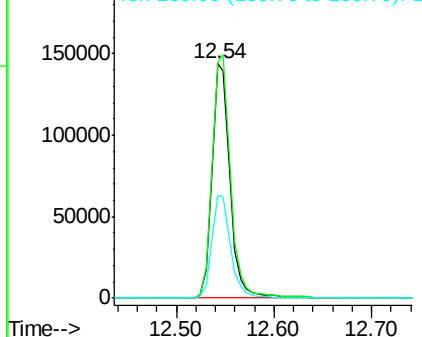


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Tgt Ion:164 Resp: 183007
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 44.0 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

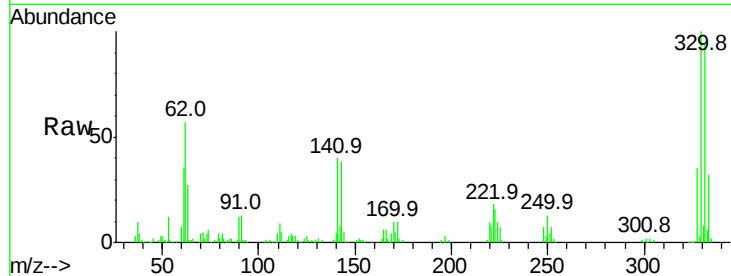




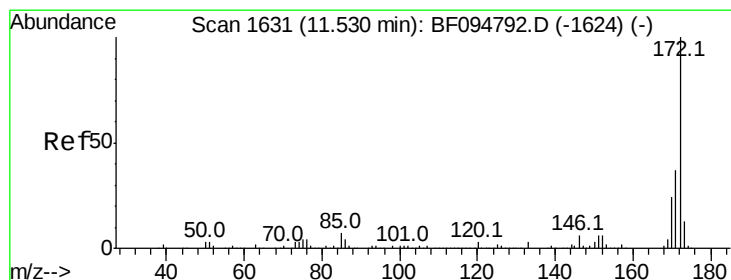
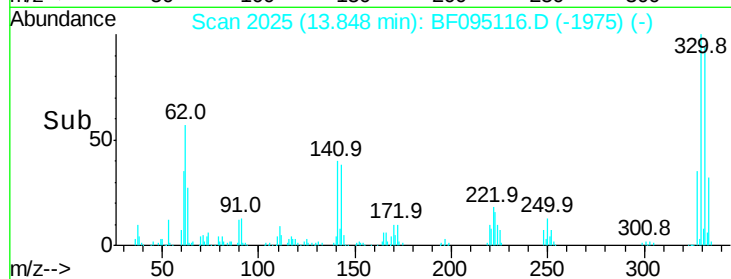
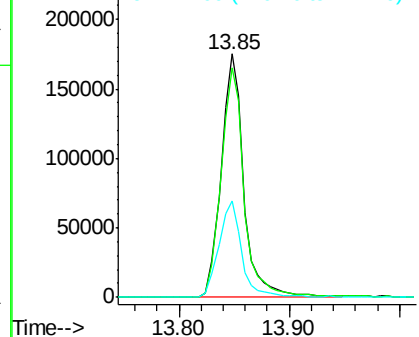
#41
 2,4,6-Tribromophenol
 Concen: 165.74 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF095116.D
 Acq: 12 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Tot Ion:330 Resp: 248404
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.1 31.4 47.2

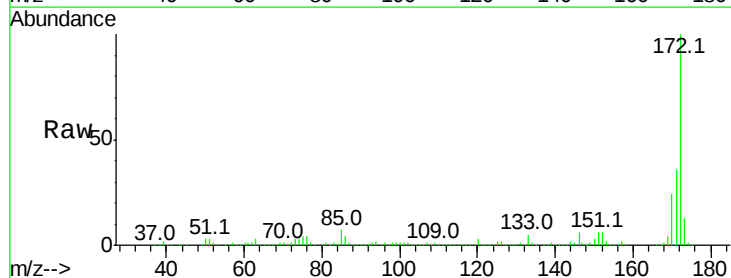


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

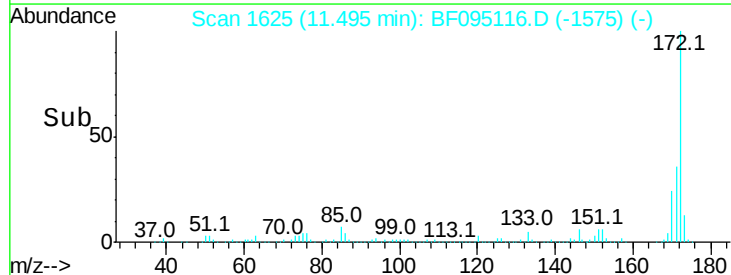
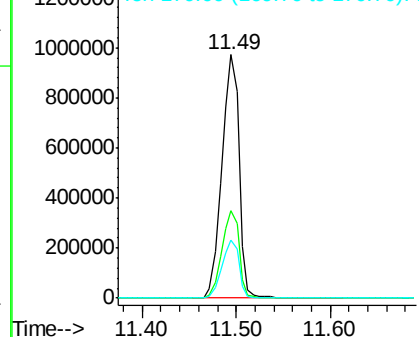


#44
 2-Fluorobiphenyl
 Concen: 98.31 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF095116.D
 Acq: 12 May 2017 17:25

Tgt Ion:172 Resp: 1249999
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 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





#49

Dimethylphthalate

Concen: 3.78 ng

RT: 12.19 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

OWS-1

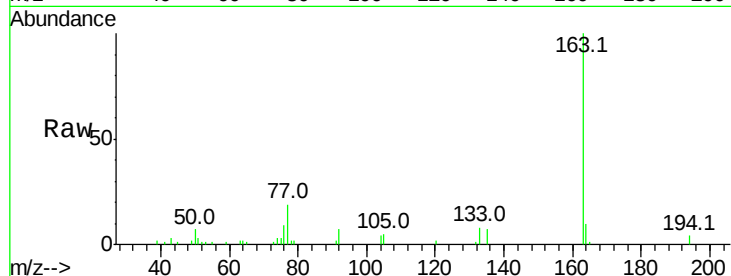
Tot Ion:163 Resp: 56744

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

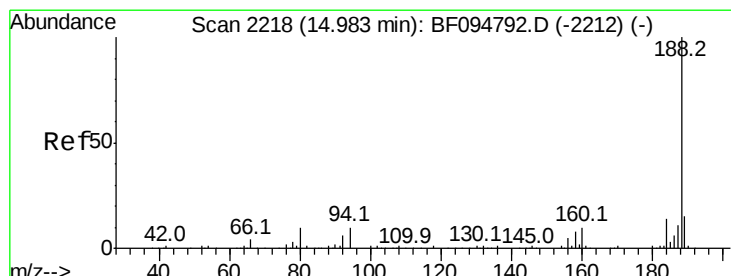
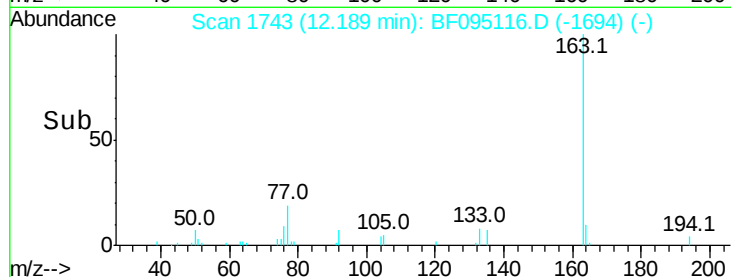
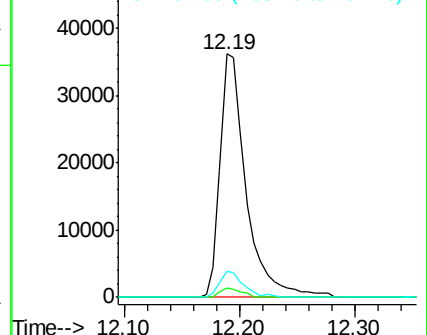
164 10.4 8.4 12.6



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: 14.95 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

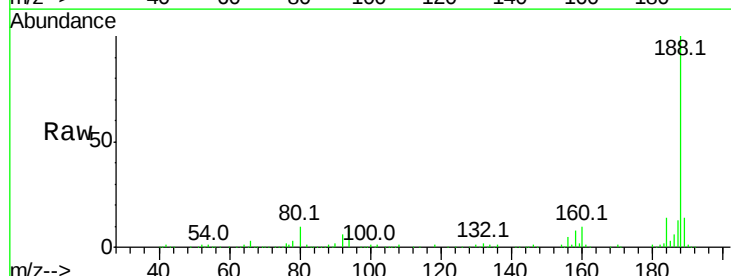
Tgt Ion:188 Resp: 351158

Ion Ratio Lower Upper

188 100

94 9.4 9.4 14.2

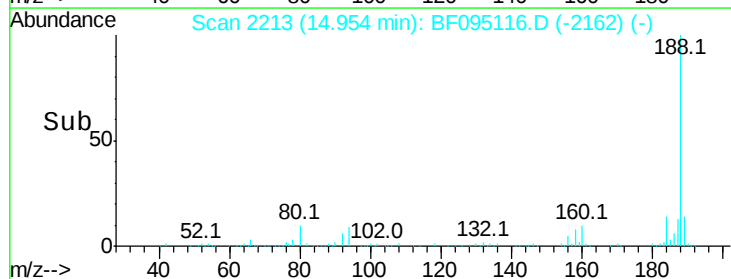
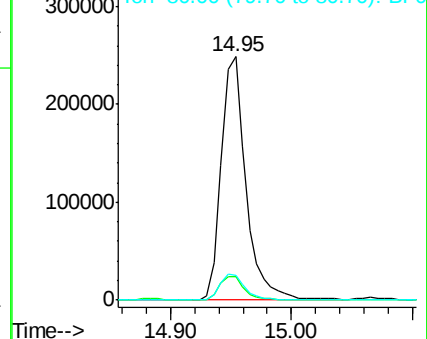
80 10.2 10.2 15.2

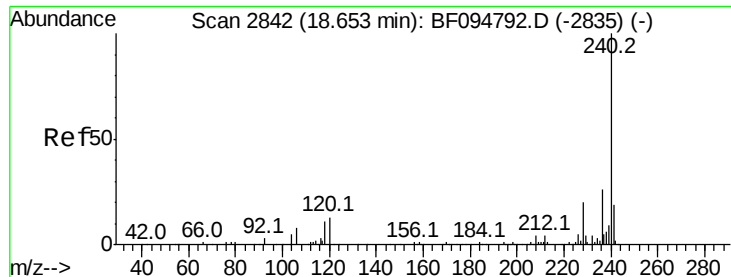


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.62 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

OWS-1

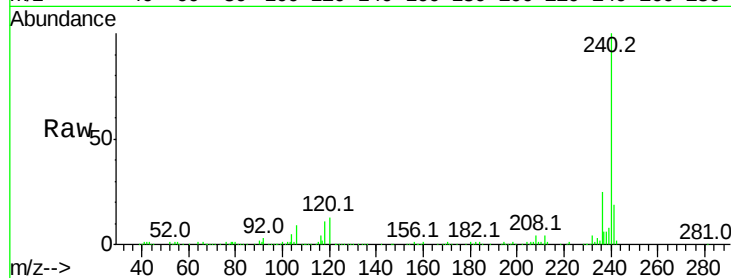
Tot Ion:240 Resp: 288821

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

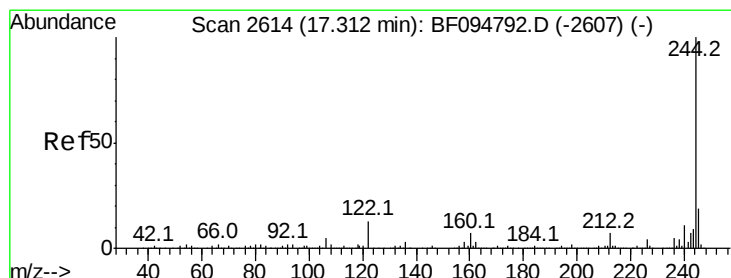
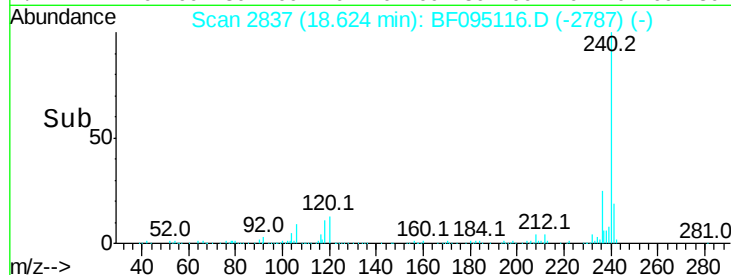
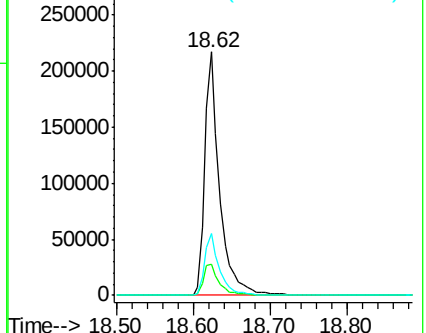
236 25.3 20.5 30.7



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: 63.21 ng

RT: 17.28 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

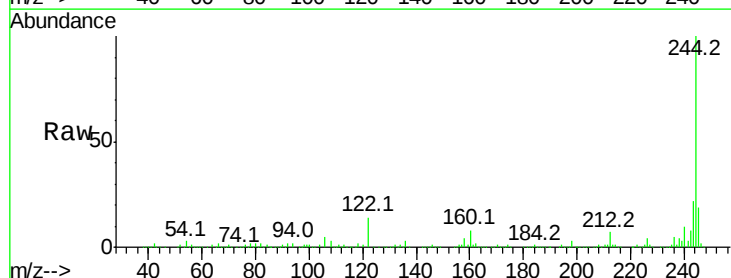
Tgt Ion:244 Resp: 828838

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

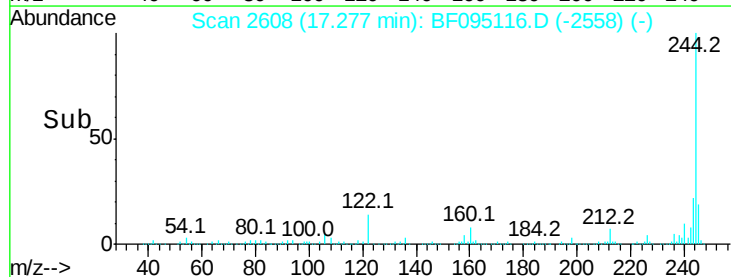
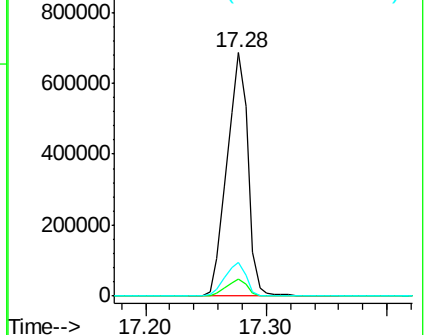
122 14.1 10.3 15.5

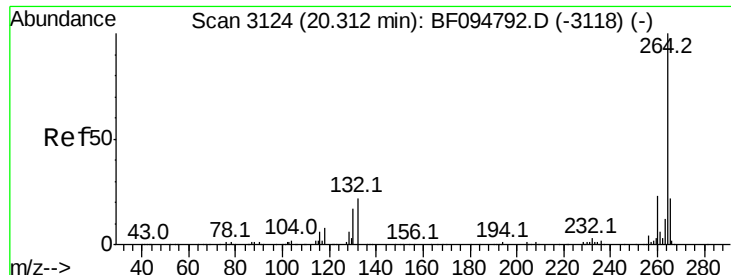


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

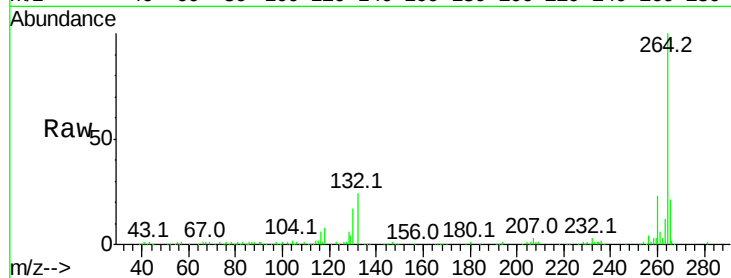




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.29 min Scan# 3121
 Delta R.T. 0.00 min
 Lab File: BF095116.D
 Acq: 12 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

