

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094496.D
 Acq On : 18 Apr 2017 19:47
 Operator : SJ/MA
 Sample : I2741-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-03

Quant Time: Apr 19 02:20:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

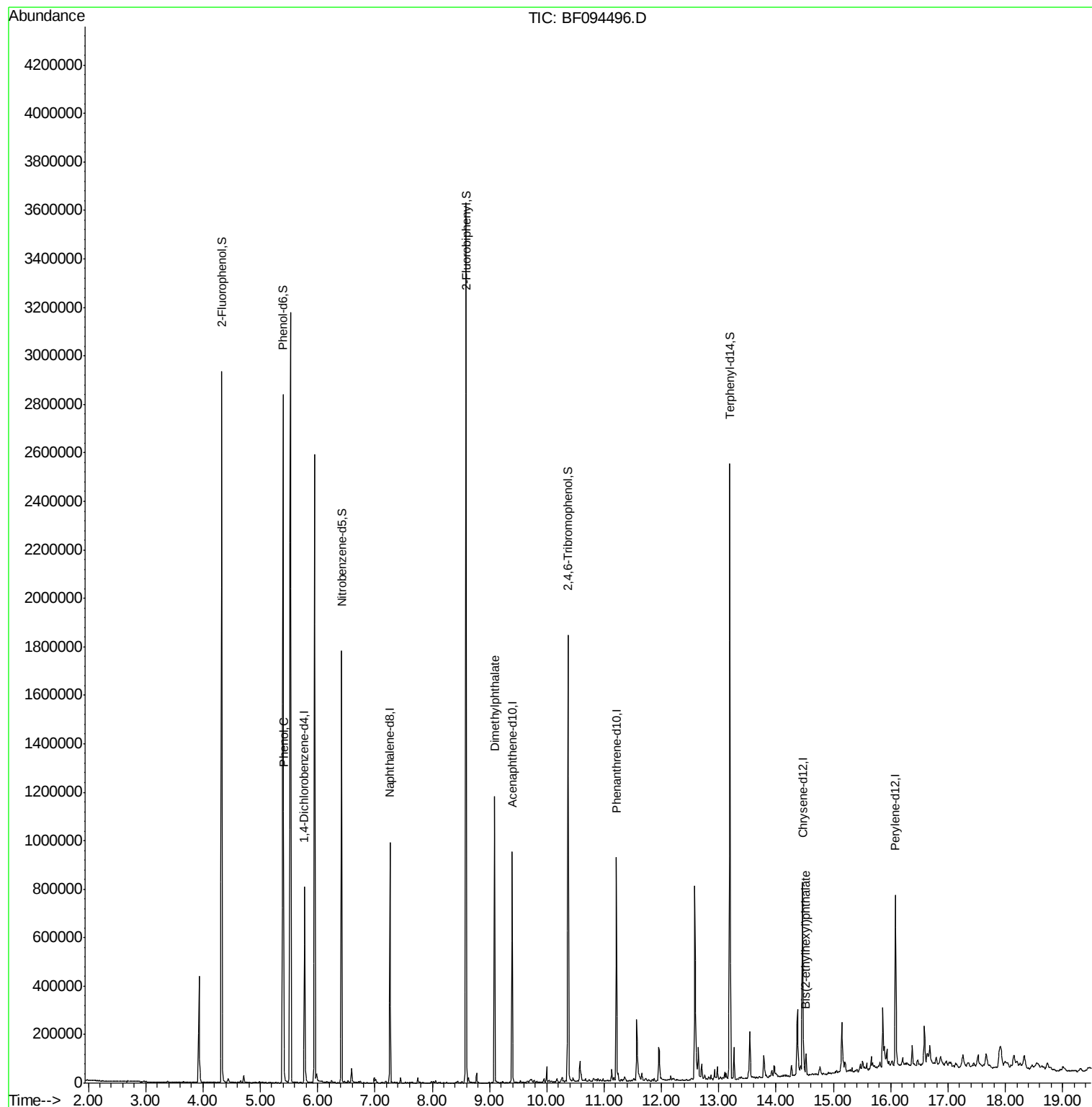
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119562	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	482378	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	192609	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	375738	20.00	ng	0.00
75) Chrysene-d12	14.46	240	285383	20.00	ng	0.00
86) Perylene-d12	16.08	264	263444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	893327	123.96	ng	0.02
7) Phenol-d6	5.40	99	1138183	133.97	ng	0.00
23) Nitrobenzene-d5	6.42	82	701506	89.80	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	225711	149.82	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1214767	92.80	ng	0.00
78) Terphenyl-d14	13.20	244	959123	89.83	ng	0.00
Target Compounds						
10) Phenol	5.41	94	23689	2.27	ng	88
49) Dimethylphthalate	9.09	163	515834	35.94	ng	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	27280	2.33	ng	# 96

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

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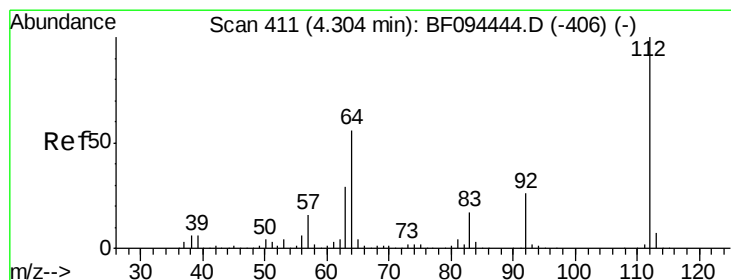
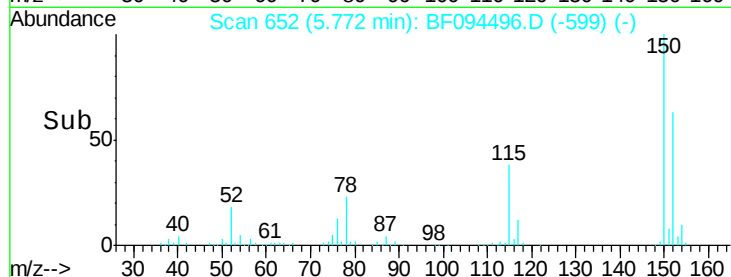
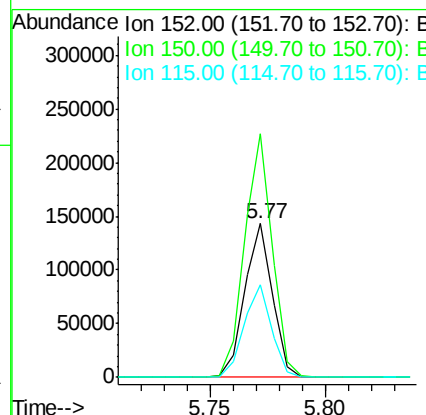
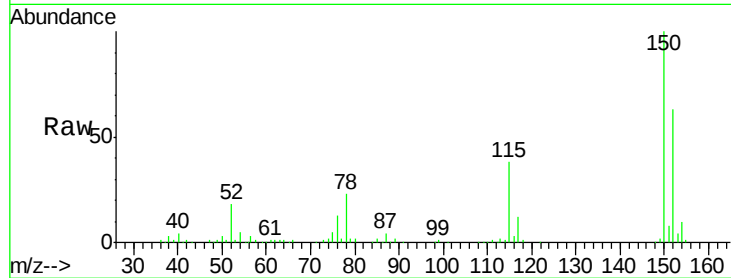


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094496.D
Acq: 18 Apr 2017 19:47

Instrument :
BNA_F
ClientSampleId :
WS-03

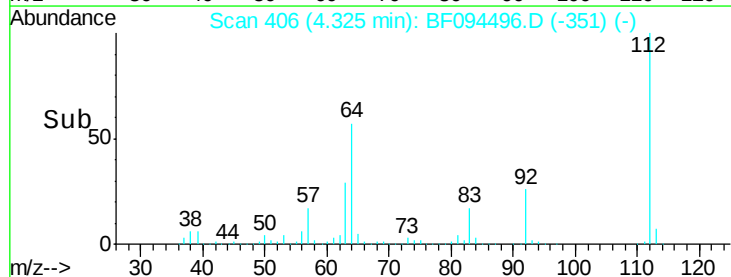
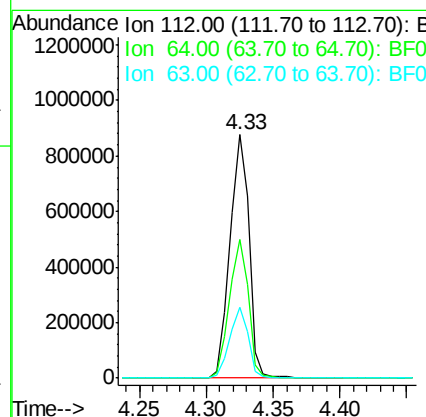
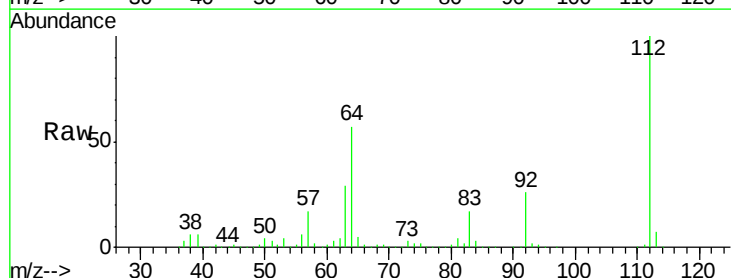
Tot Ion:152 Resp: 119562
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 60.4 52.2 78.2

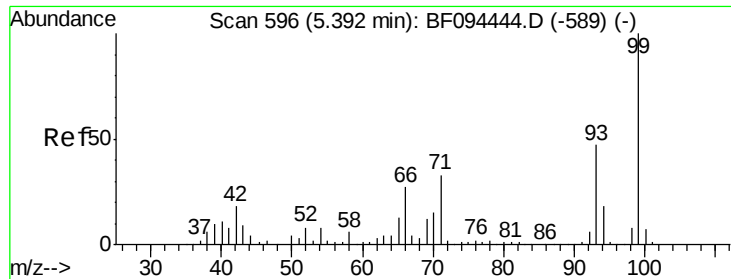


#5

2-Fluorophenol
Concen: 123.96 ng
RT: 4.33 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094496.D
Acq: 18 Apr 2017 19:47

Tgt Ion:112 Resp: 893327
Ion Ratio Lower Upper
112 100
64 57.2 46.0 69.0
63 29.3 23.4 35.0





#7

Phenol-d6

Concen: 133.97 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094496.D

Acq: 18 Apr 2017 19:47

Instrument :

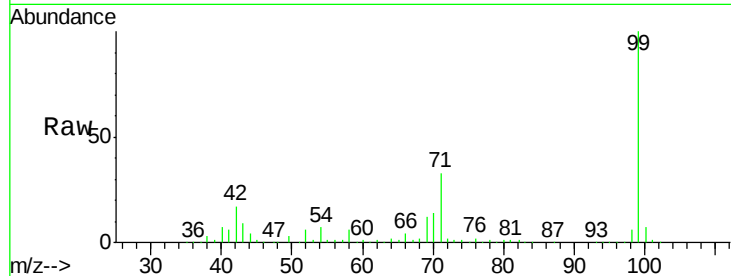
BNA_F

ClientSampleId :

WS-03

Tot Ion: 99 Resp: 1138183

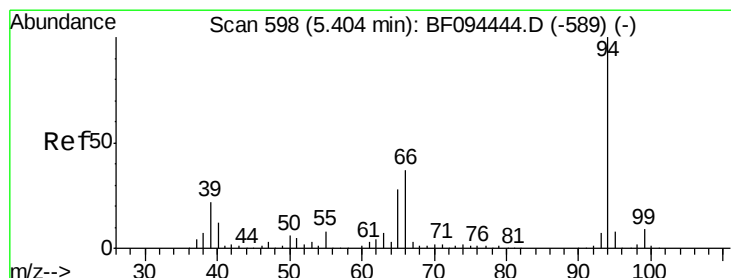
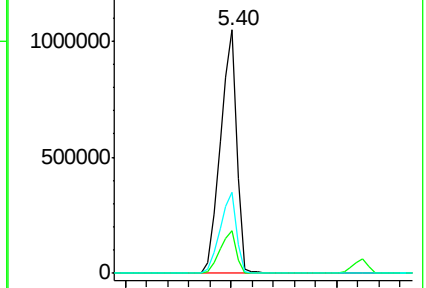
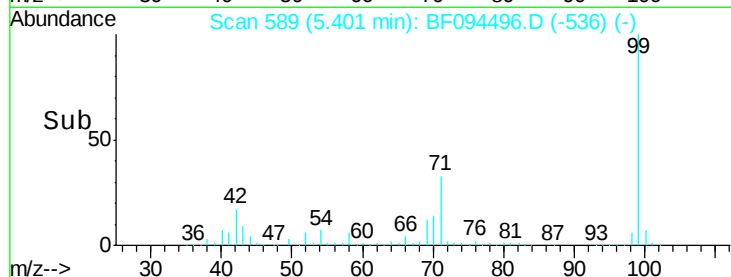
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.4	24.5	36.7



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: 2.27 ng

RT: 5.41 min Scan# 591

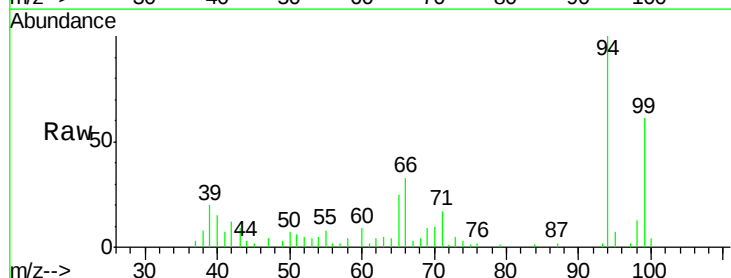
Delta R.T. 0.01 min

Lab File: BF094496.D

Acq: 18 Apr 2017 19:47

Tgt Ion: 94 Resp: 23689

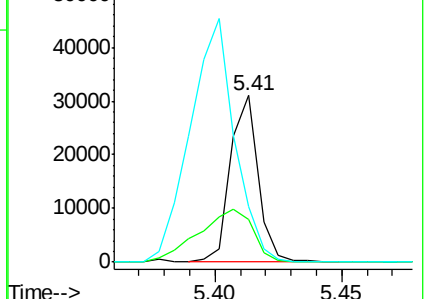
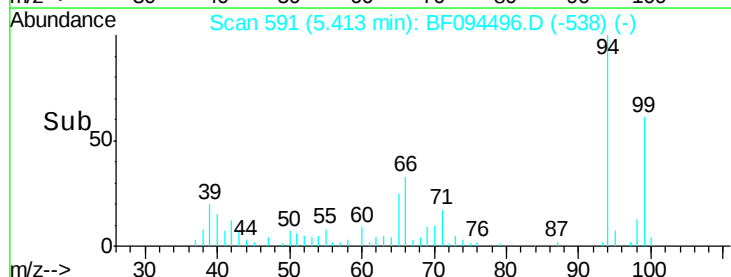
Ion	Ratio	Lower	Upper
94	100		
65	25.3	9.9	49.9
66	33.4	23.1	63.1

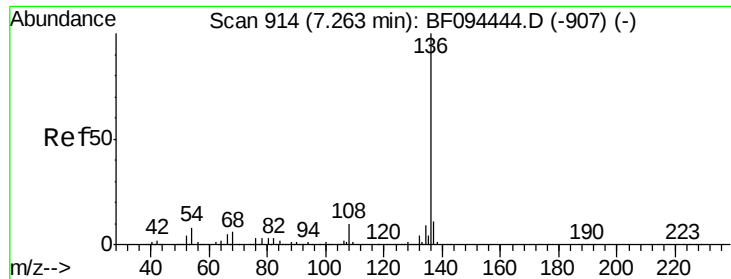


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

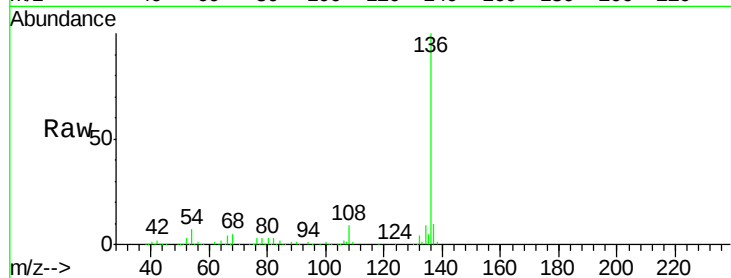




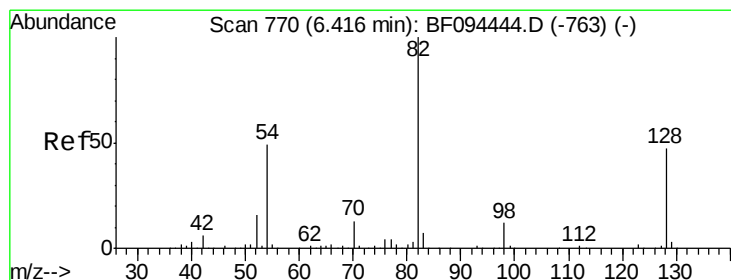
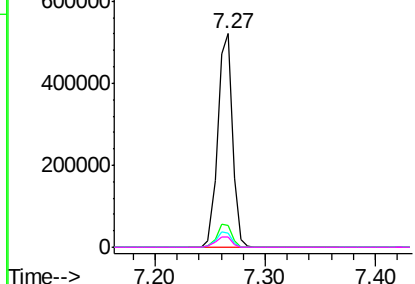
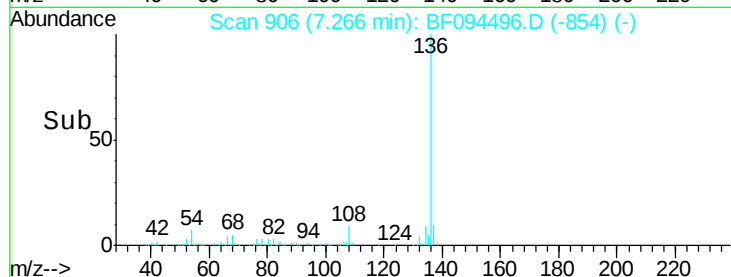
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094496.D
Acq: 18 Apr 2017 19:47

Instrument :
BNA_F
ClientSampleId :
WS-03

Tot Ion:136	Resp:	482378
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.5 12.7
54	6.6	4.9 7.3
68	5.1	4.1 6.1

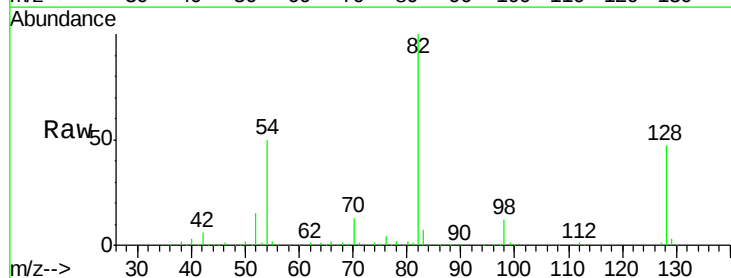


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

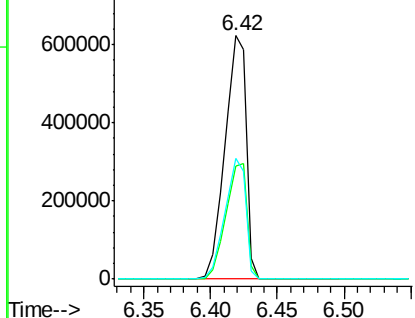
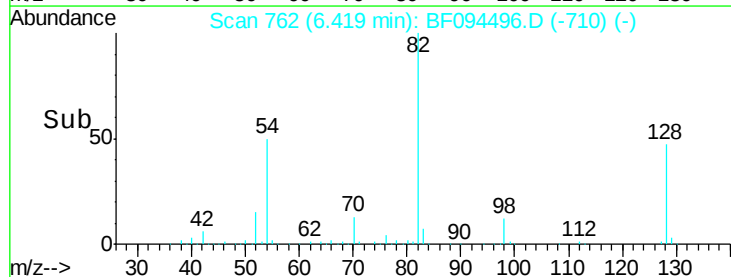


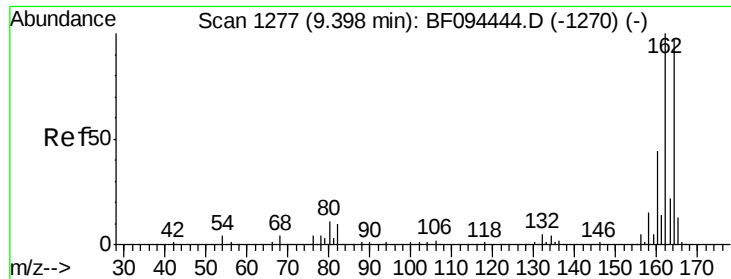
#23
Nitrobenzene-d5
Concen: 89.80 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF094496.D
Acq: 18 Apr 2017 19:47

Tgt Ion: 82	Resp:	701506
Ion	Ratio	Lower Upper
82	100	
128	46.6	34.0 51.0
54	49.5	42.2 63.2



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

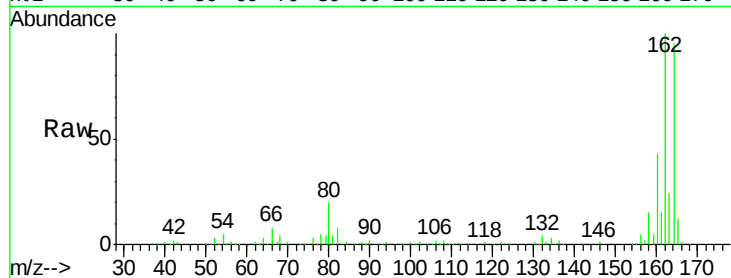




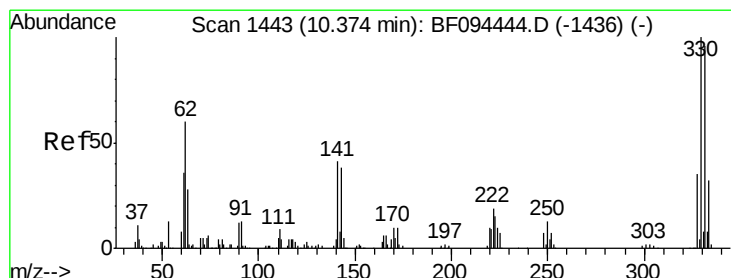
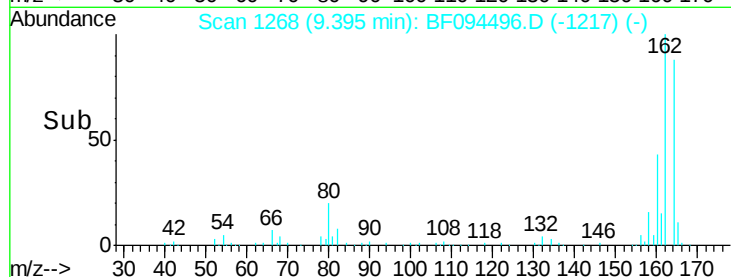
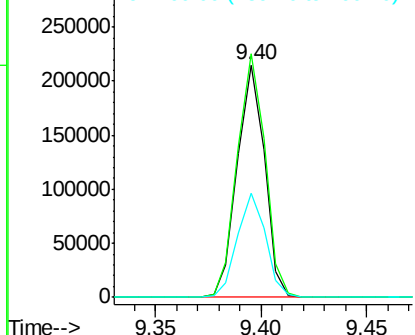
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094496.D
 Acq: 18 Apr 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :
 WS-03

Tot Ion:164 Resp: 192609
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 44.8 36.2 54.2

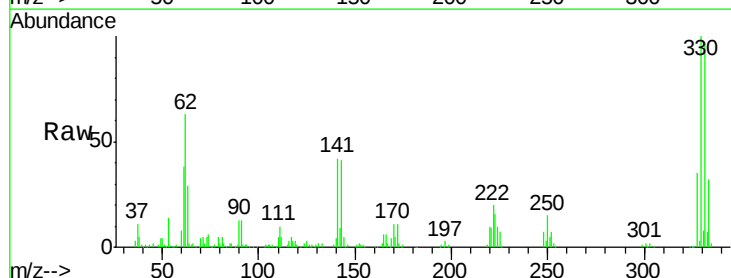


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

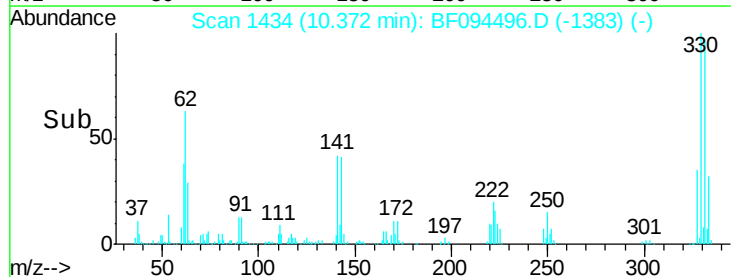
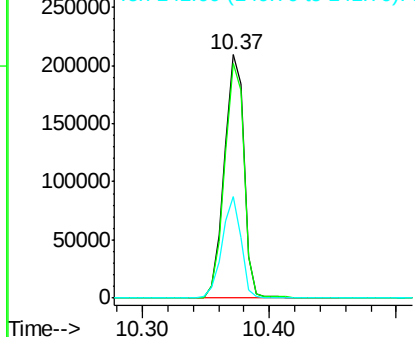


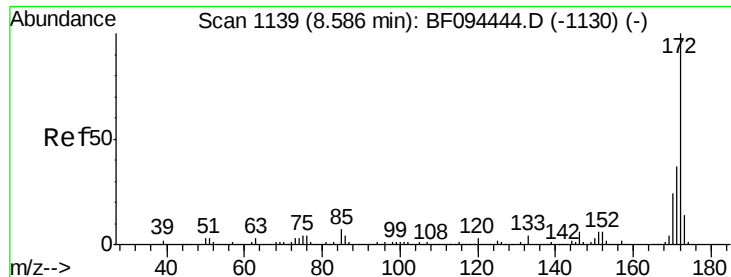
#41
 2,4,6-Tribromophenol
 Concen: 149.82 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094496.D
 Acq: 18 Apr 2017 19:47

Tgt Ion:330 Resp: 225711
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 40.5 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

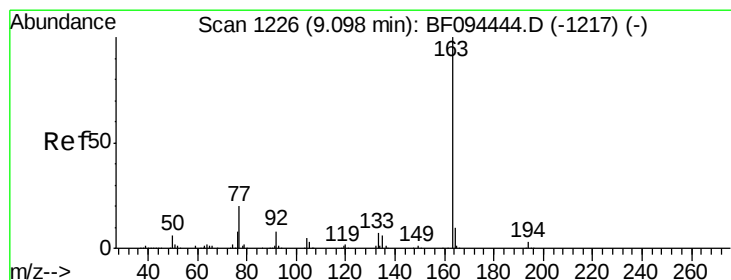
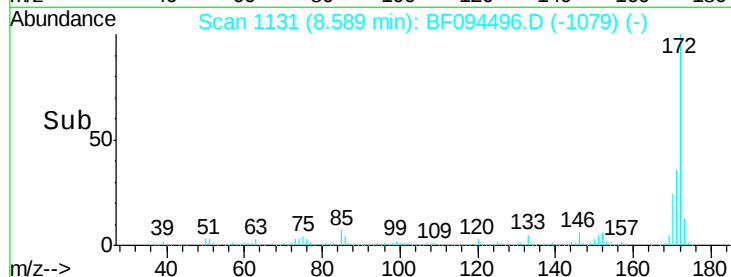
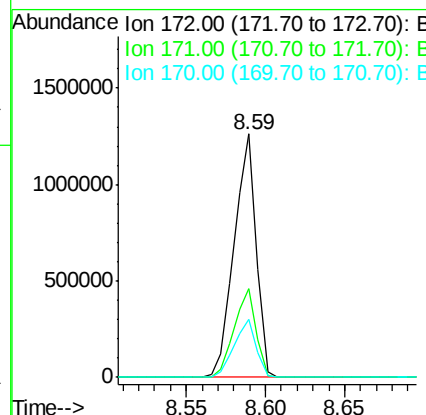
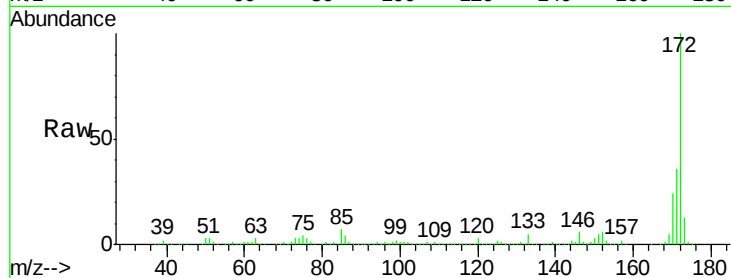




#44
2-Fluorobiphenyl
Concen: 92.80 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094496.D
Acq: 18 Apr 2017 19:47

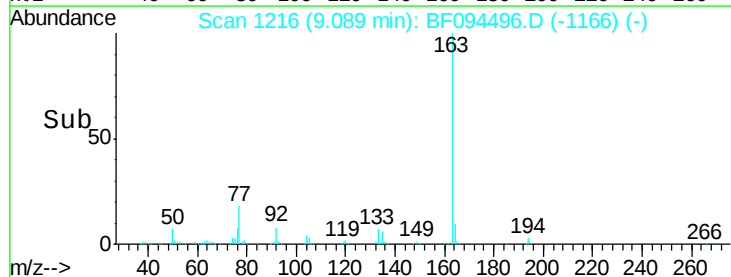
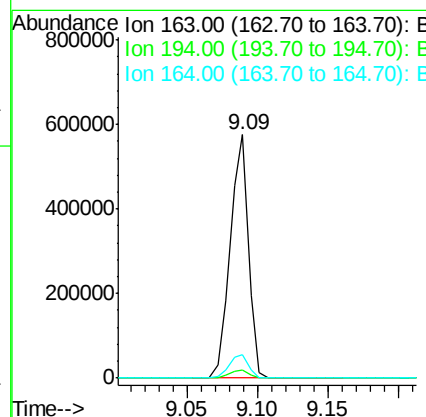
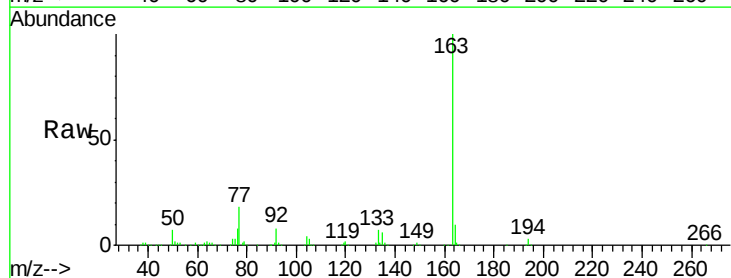
Instrument :
BNA_F
ClientSampleId :
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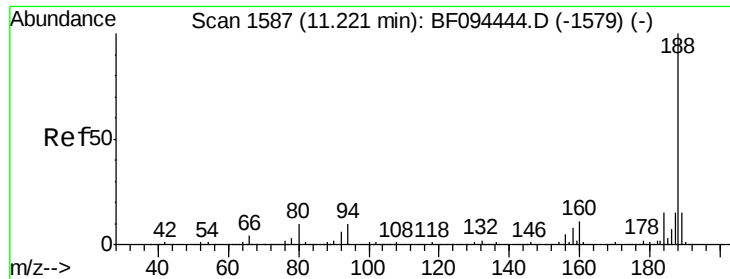
Tot Ion:172 Resp: 1214767
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 35.94 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094496.D
Acq: 18 Apr 2017 19:47

Tgt Ion:163 Resp: 515834
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094496.D

Acq: 18 Apr 2017 19:47

Instrument :

BNA_F

ClientSampleId :

WS-03

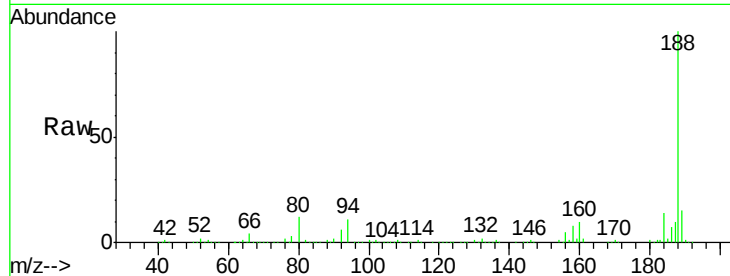
Tot Ion:188 Resp: 375738

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

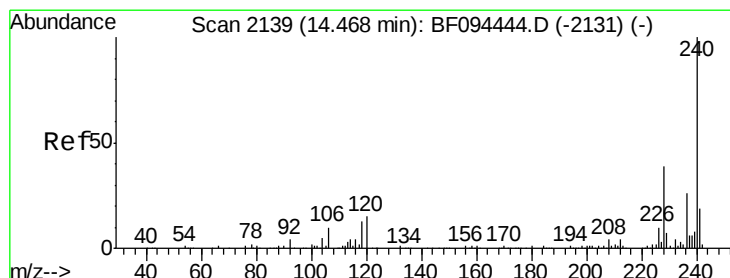
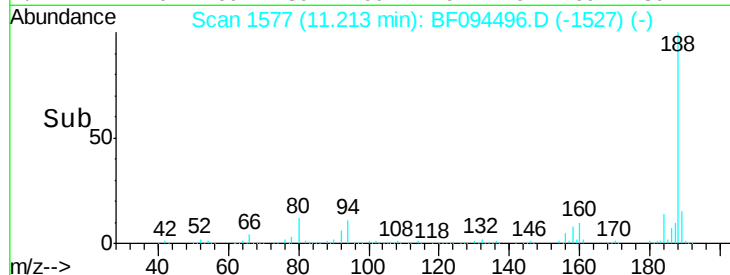
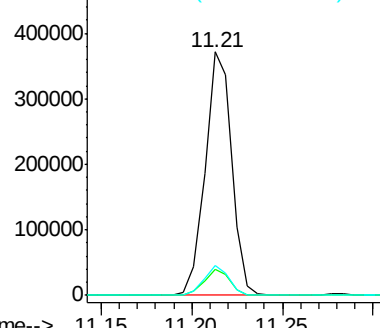
80 12.1 10.2 15.2



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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094496.D

Acq: 18 Apr 2017 19:47

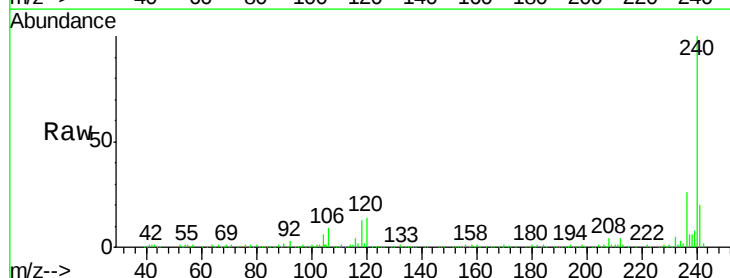
Tgt Ion:240 Resp: 285383

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

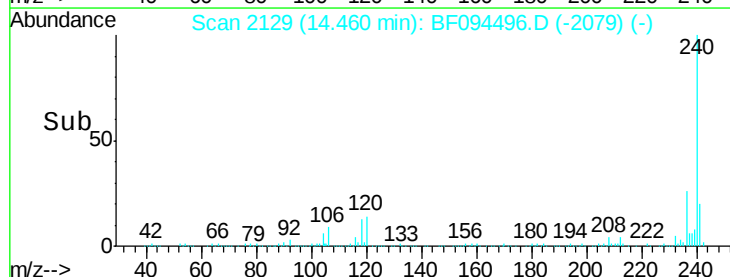
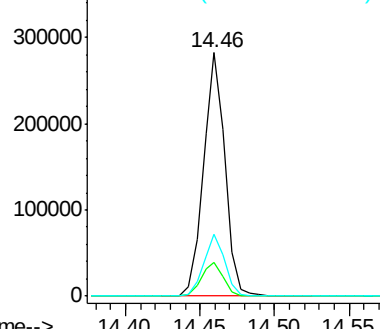
236 25.7 20.5 30.7

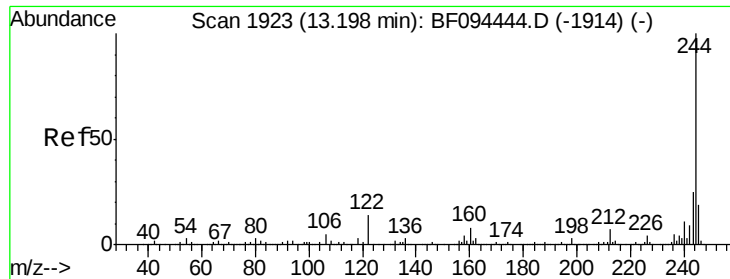


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.83 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094496.D

Acq: 18 Apr 2017 19:47

Instrument :

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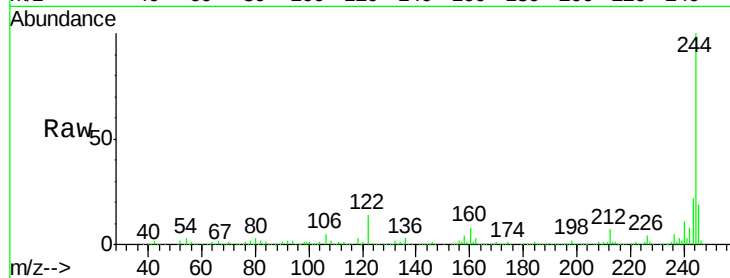
Tot Ion:244 Resp: 959123

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

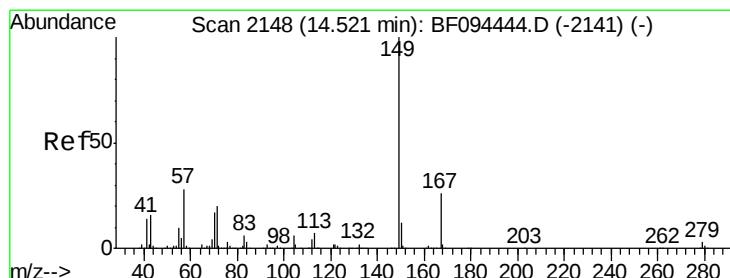
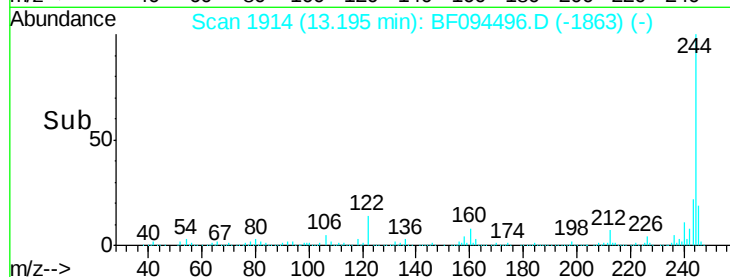
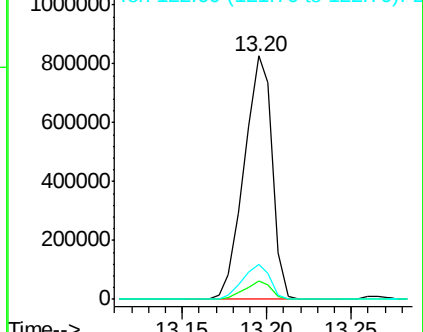
122 14.2 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.33 ng

RT: 14.52 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BF094496.D

Acq: 18 Apr 2017 19:47

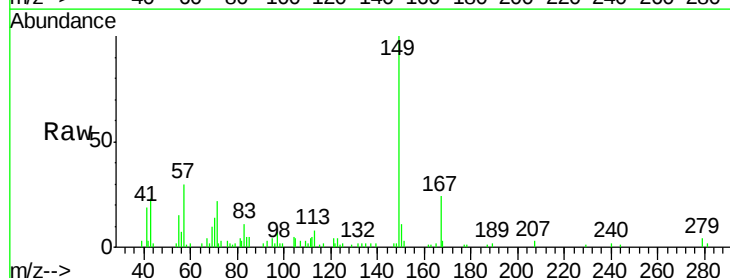
Tgt Ion:149 Resp: 27280

Ion Ratio Lower Upper

149 100

167 23.9 21.0 31.4

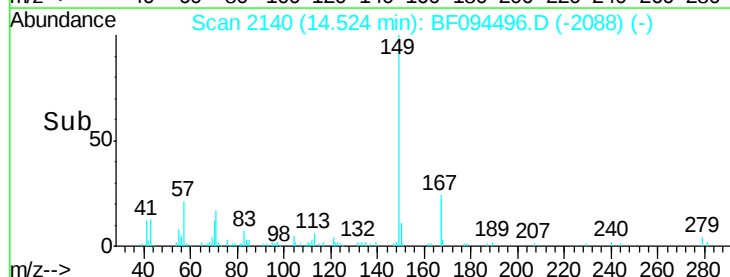
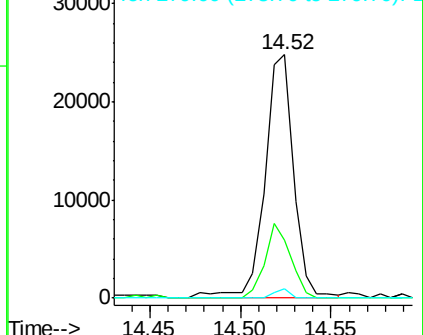
279 4.0 1.9 2.9#

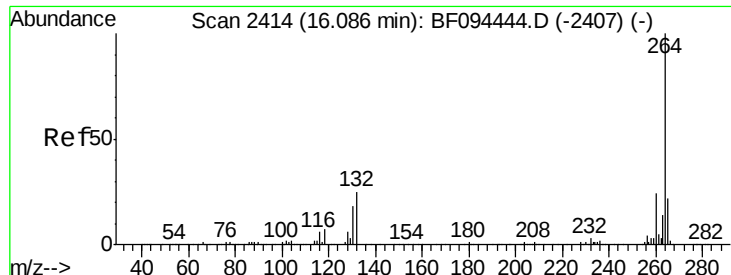


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

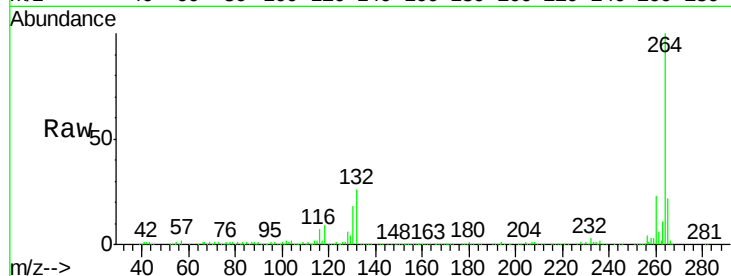




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094496.D
Acq: 18 Apr 2017 19:47

Instrument :
BNA_F
ClientSampleId :
WS-03

Tot Ion:264 Resp: 263444
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 22.3 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

