

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099790.D
 Acq On : 24 Oct 2017 16:11
 Operator : SJ/JU
 Sample : I6044-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NF-SOIL

Quant Time: Oct 24 18:32:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

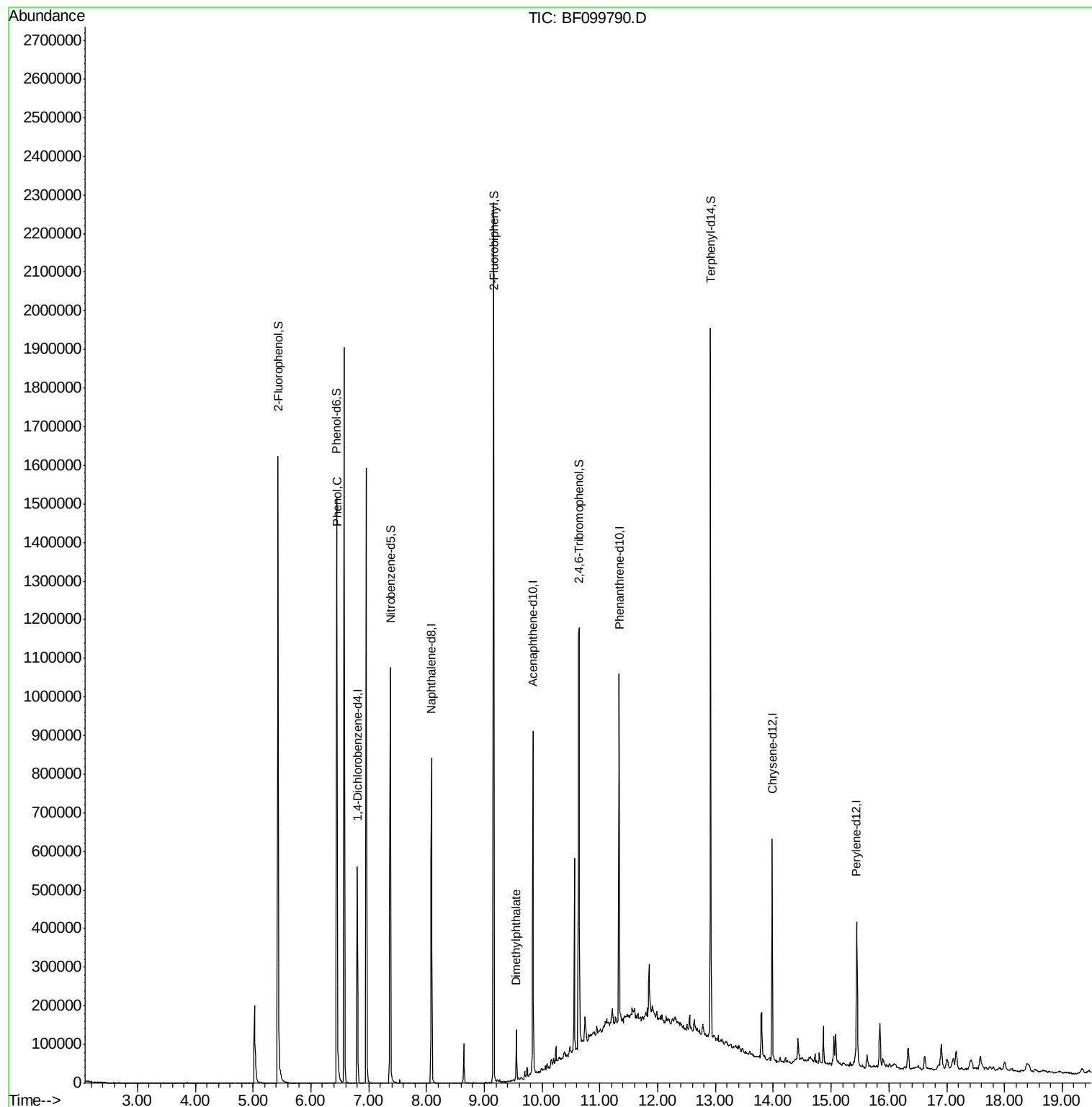
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	92129	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	384125	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	179128	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	306645	20.00	ng	0.00
75) Chrysene-d12	13.98	240	177726	20.00	ng	0.00
86) Perylene-d12	15.44	264	161047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	529123	90.17	ng	0.00
7) Phenol-d6	6.45	99	642586	92.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	378494	63.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	146386	89.67	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	776987	66.92	ng	0.00
78) Terphenyl-d14	12.92	244	616115	75.76	ng	0.00
Target Compounds						
10) Phenol	6.46	94	34744	4.548	ng	95
49) Dimethylphthalate	9.56	163	51384	3.622	ng	99

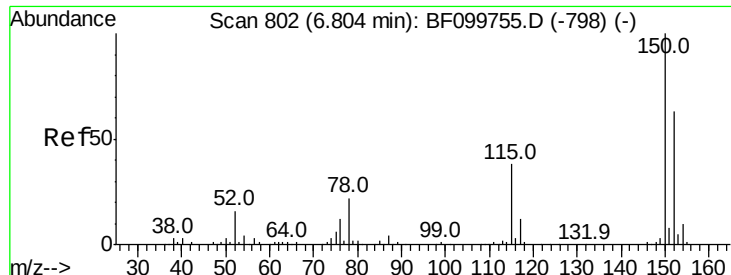
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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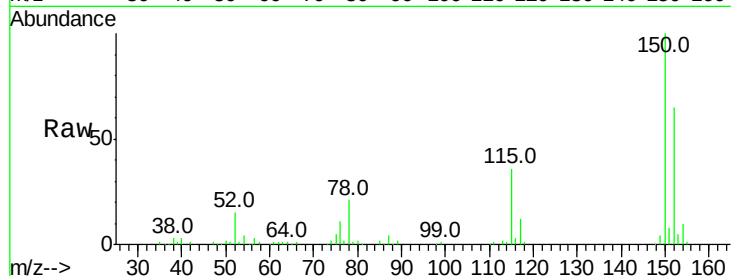


#1

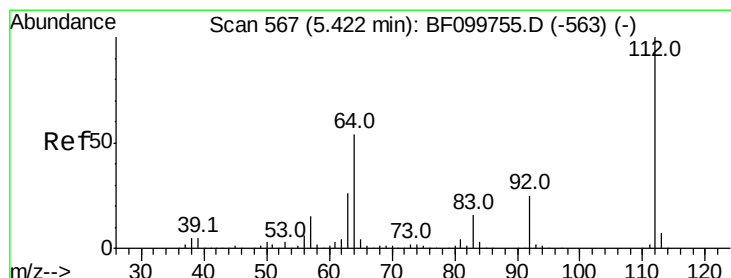
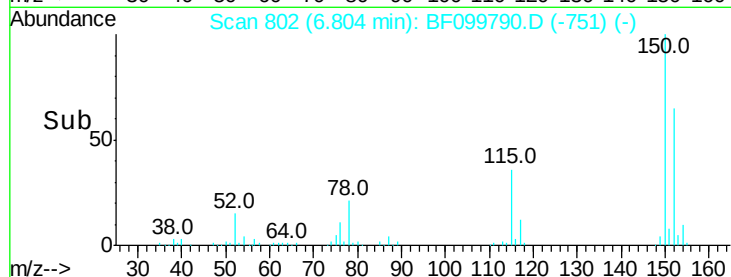
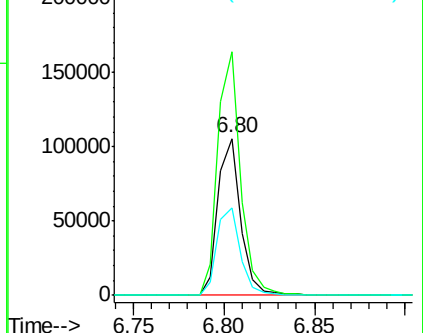
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Instrument :
BNA_F
ClientSampleId :
NF-SOIL

Tot Ion:152 Resp: 92129
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 55.6 50.1 75.1



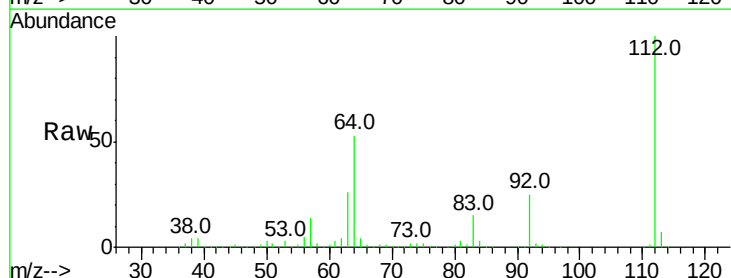
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



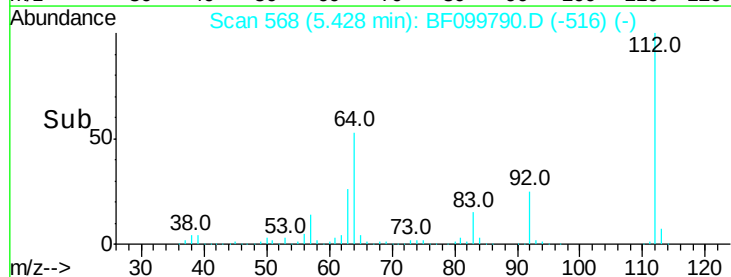
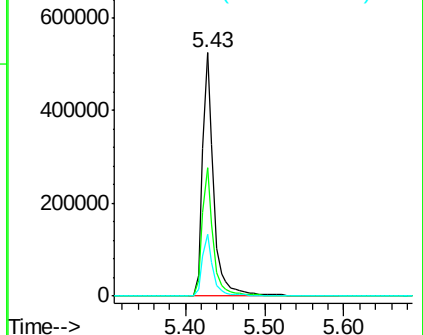
#5

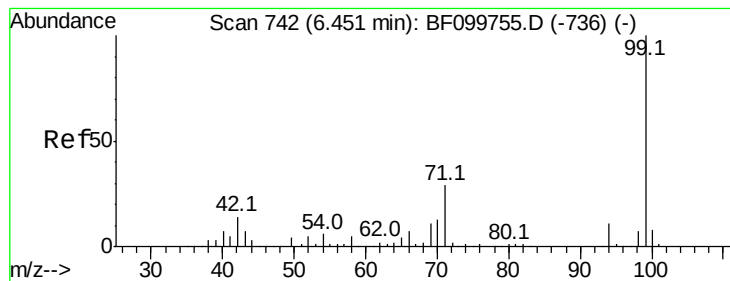
2-Fluorophenol
Concen: 90.168 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:112 Resp: 529123
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 25.6 23.7 35.5



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: 92.351 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099790.D

Acq: 24 Oct 2017 16:11

Instrument :

BNA_F

ClientSampled :

NF-SOIL

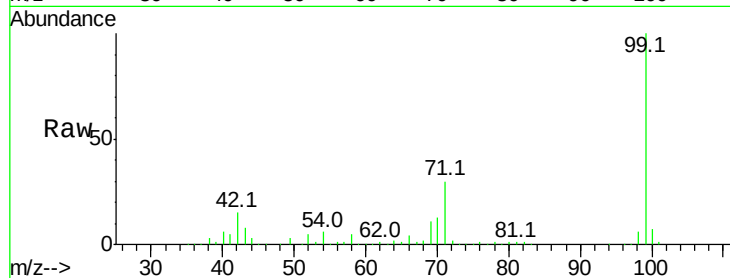
Tot Ion: 99 Resp: 642586

Ion Ratio Lower Upper

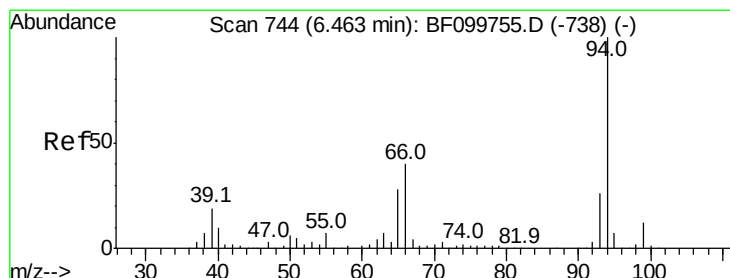
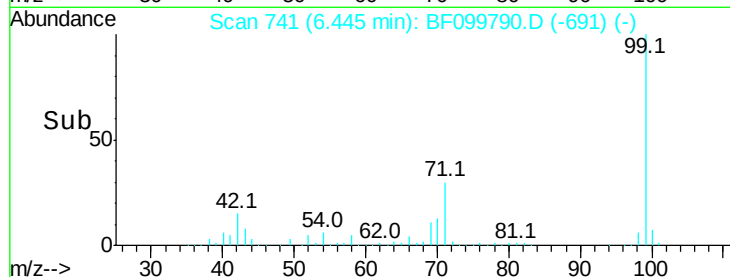
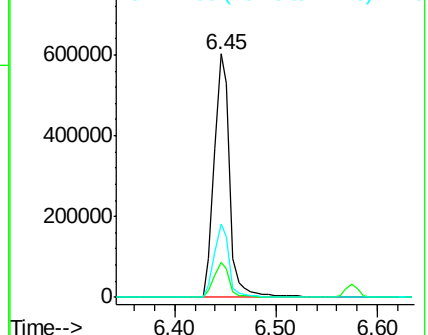
99 100

42 14.6 14.5 21.7

71 29.9 25.4 38.0



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: 4.548 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099790.D

Acq: 24 Oct 2017 16:11

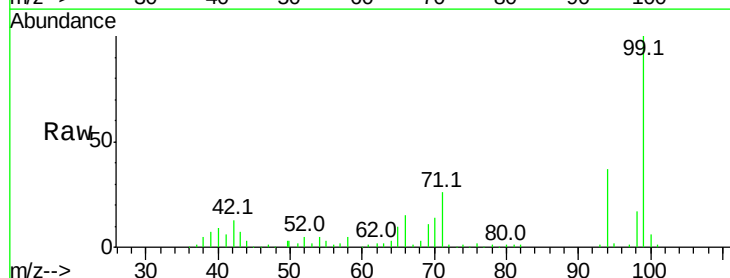
Tgt Ion: 94 Resp: 34744

Ion Ratio Lower Upper

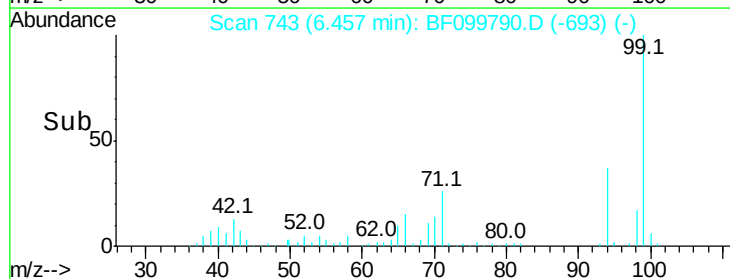
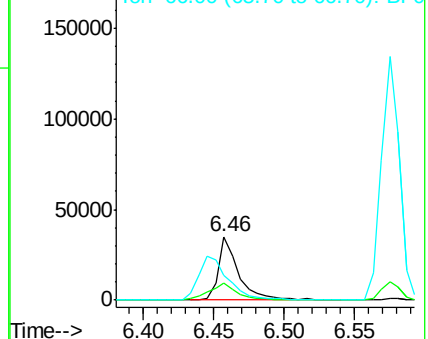
94 100

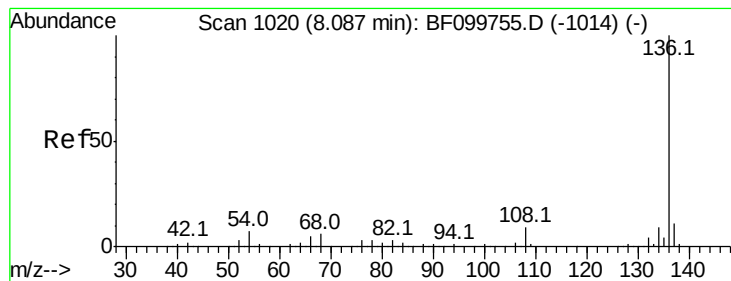
65 26.0 7.9 47.9

66 39.7 16.2 56.2



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: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099790.D

Acq: 24 Oct 2017 16:11

Instrument :

BNA_F

ClientSampleId :

NF-SOIL

Tot Ion:136 Resp: 384125

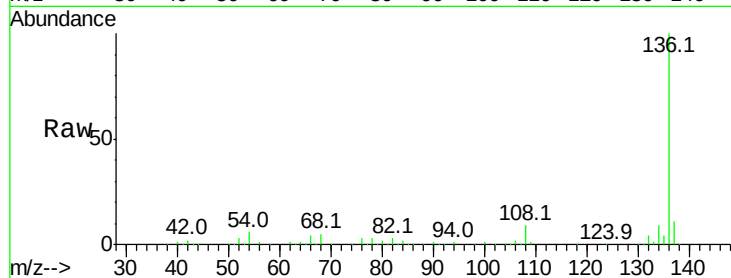
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.0 6.6 9.8#

68 5.5 5.0 7.4

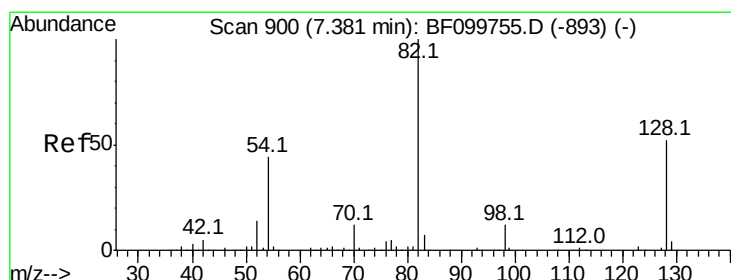
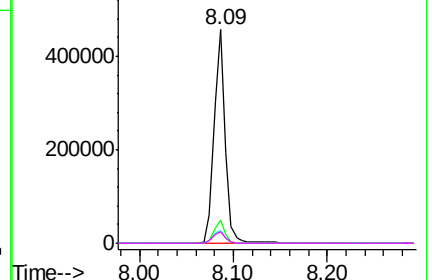
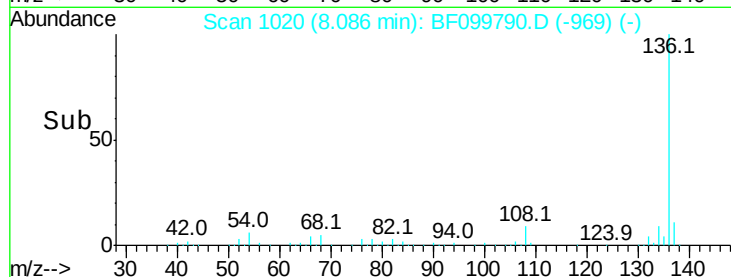


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.437 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099790.D

Acq: 24 Oct 2017 16:11

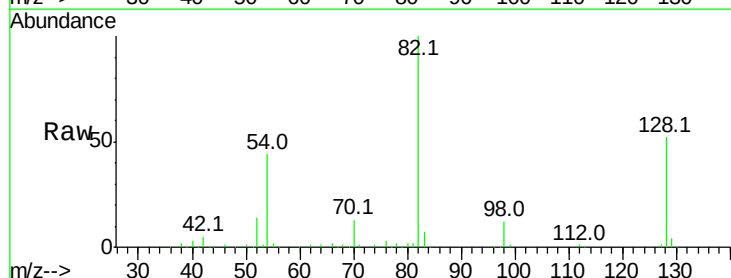
Tgt Ion: 82 Resp: 378494

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

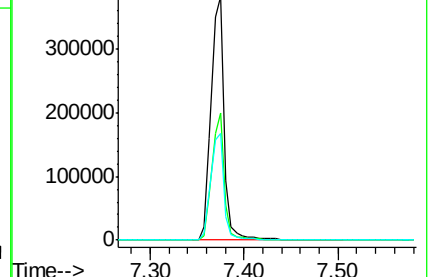
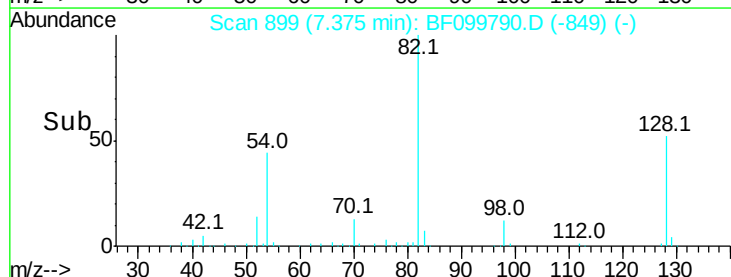
54 43.6 41.4 62.2

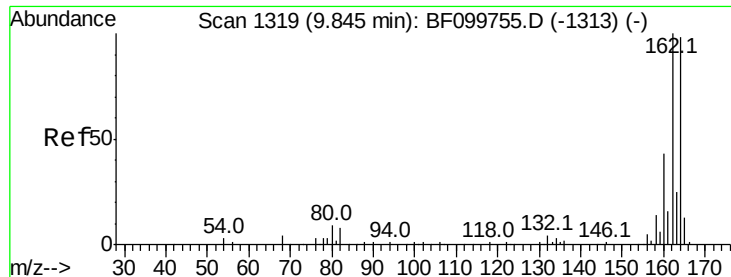


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

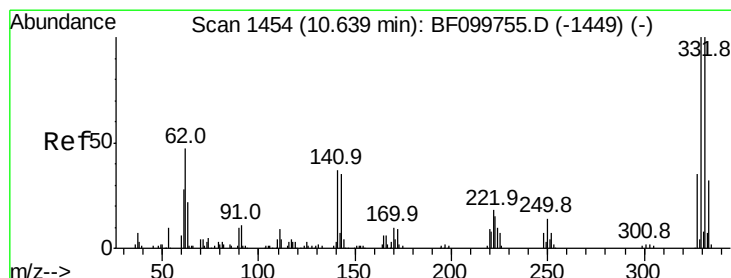
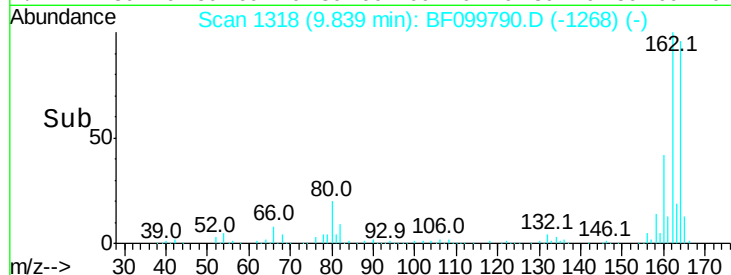
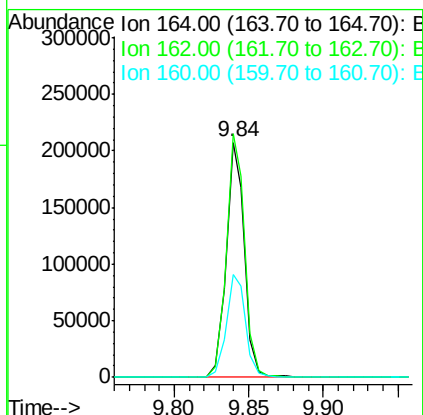
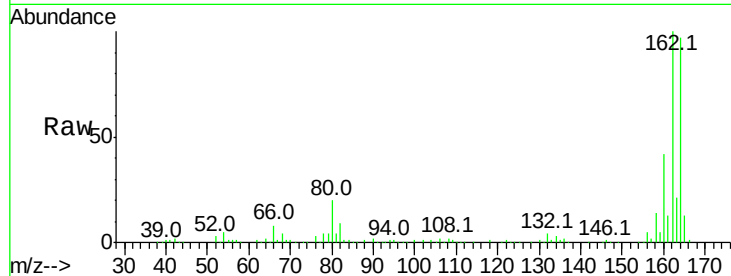




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

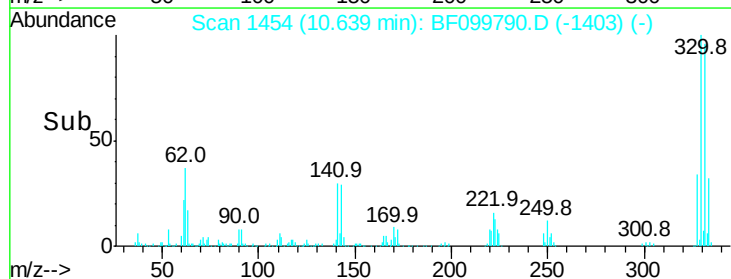
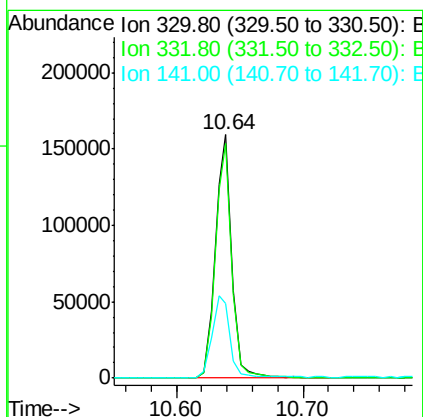
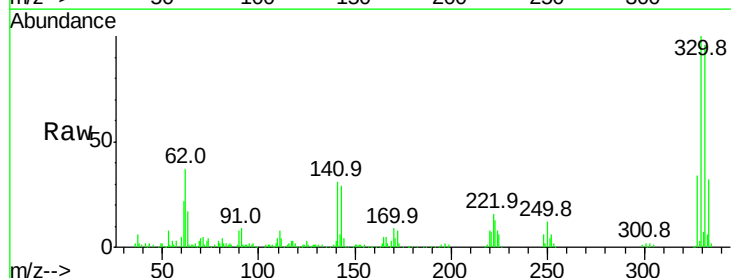
Instrument :
BNA_F
ClientSampled :
NF-SOIL

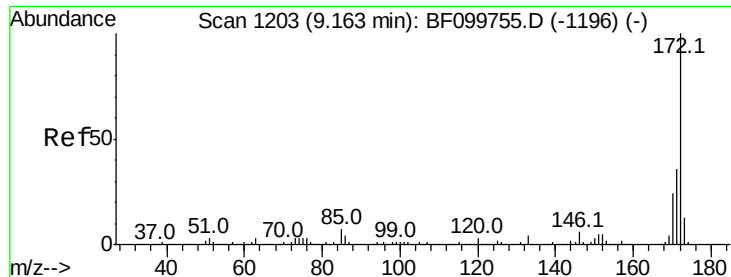
Tot Ion:164 Resp: 179128
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 43.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 89.674 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:330 Resp: 146386
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 36.4 29.9 44.9

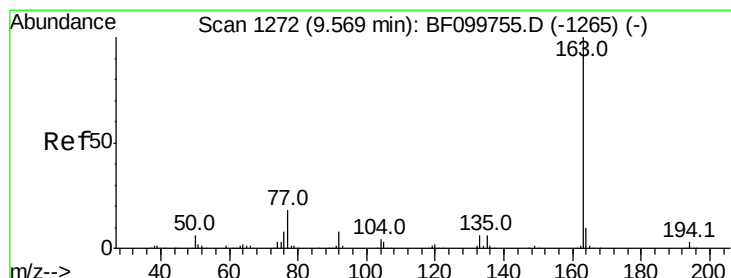
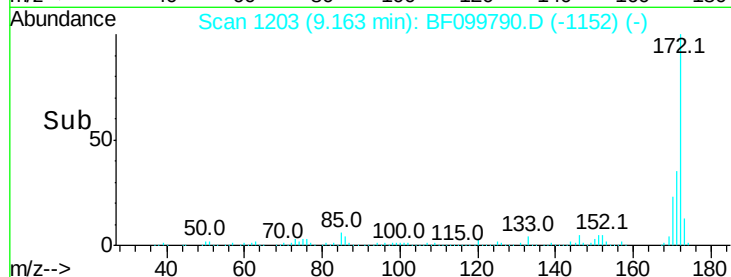
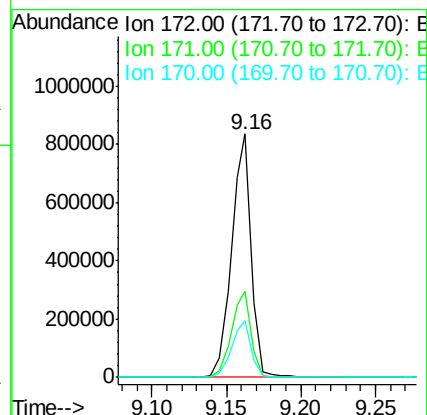
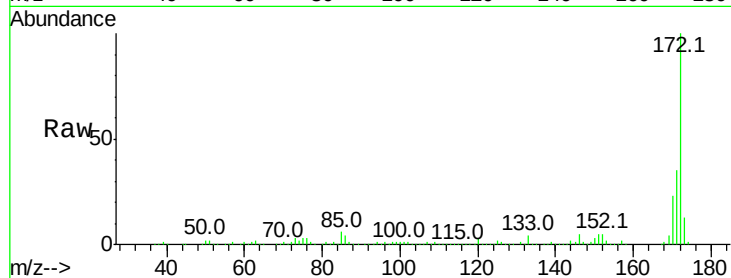




#44
 2-Fluorobiphenyl
 Concen: 66.922 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099790.D
 Acq: 24 Oct 2017 16:11

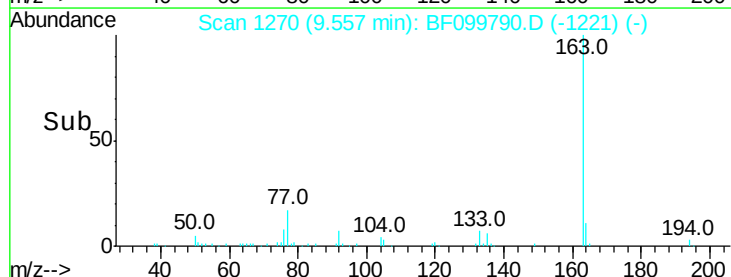
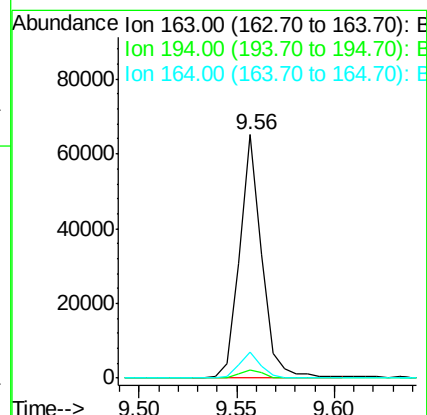
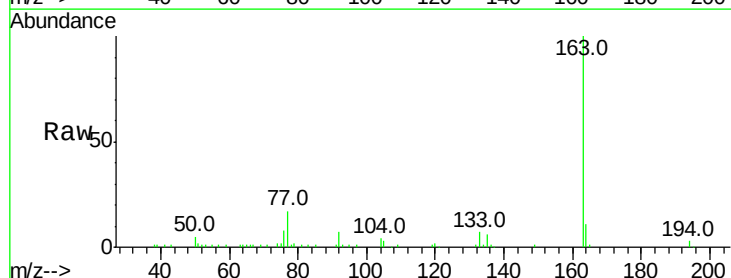
Instrument :
 BNA_F
 ClientSampleId :
 NF-SOIL

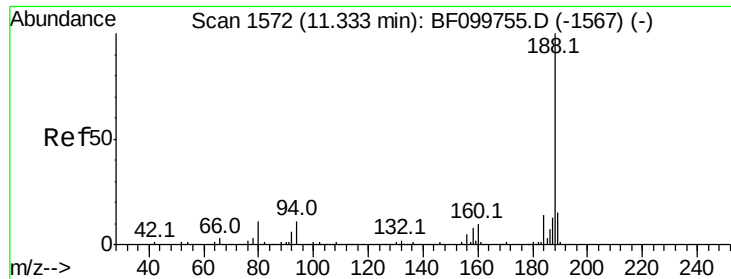
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.3	19.6	29.4



#49
 Dimethylphthalate
 Concen: 3.622 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF099790.D
 Acq: 24 Oct 2017 16:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.7	8.2	12.2

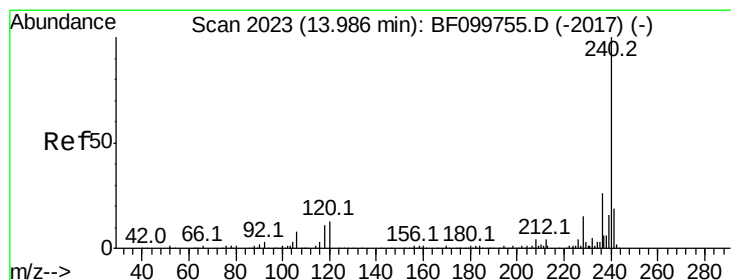
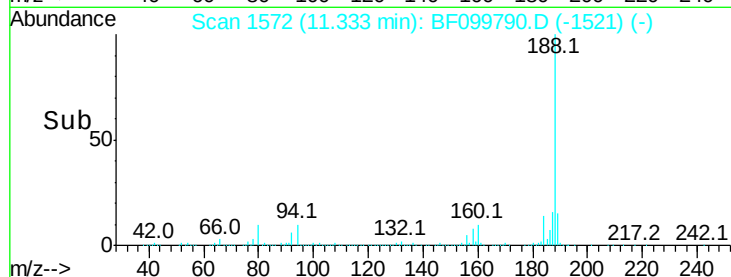
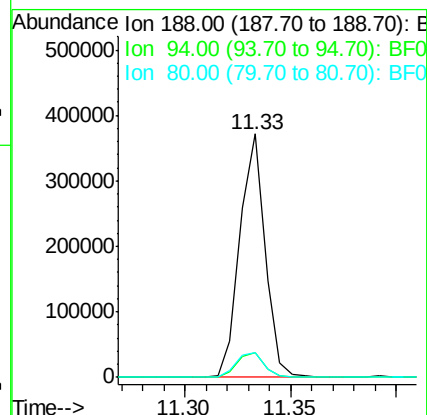
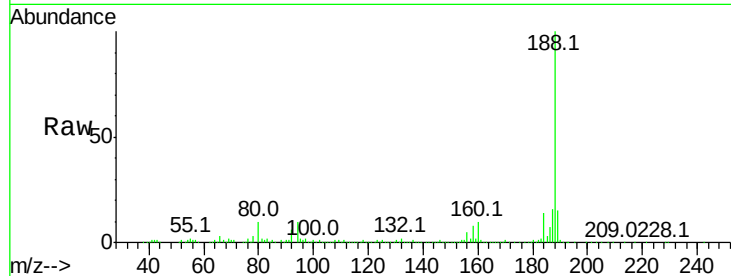




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

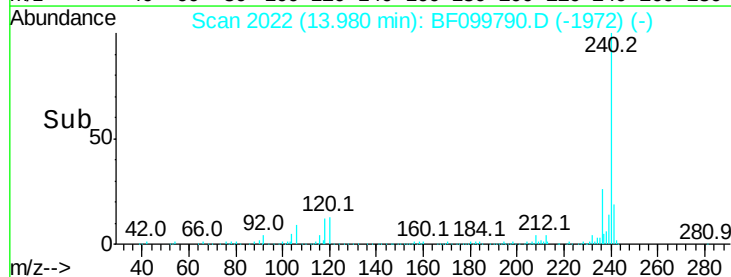
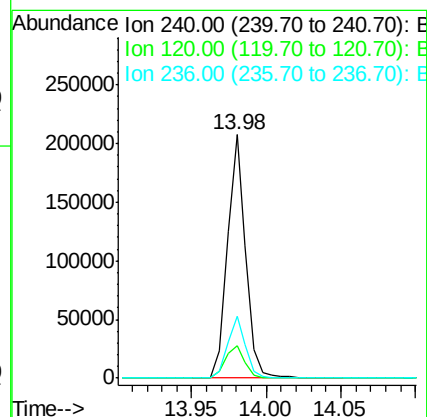
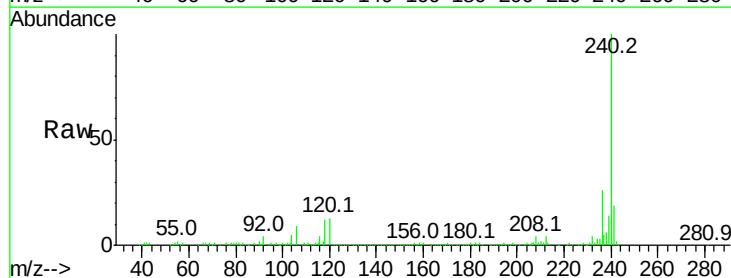
Instrument :
BNA_F
ClientSampleId :
NF-SOIL

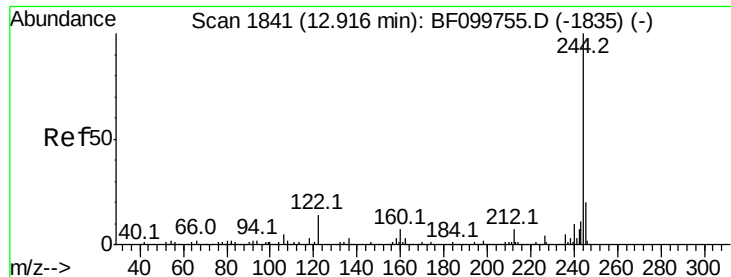
Tot Ion:188 Resp: 306645
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099790.D
Acq: 24 Oct 2017 16:11

Tgt Ion:240 Resp: 177726
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 75.759 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099790.D

Acq: 24 Oct 2017 16:11

Instrument :

BNA_F

ClientSampleId :

NF-SOIL

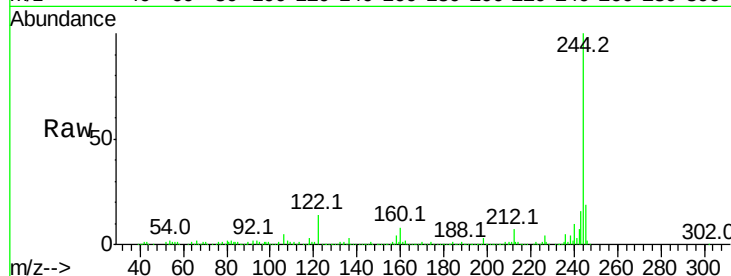
Tot Ion:244 Resp: 616115

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

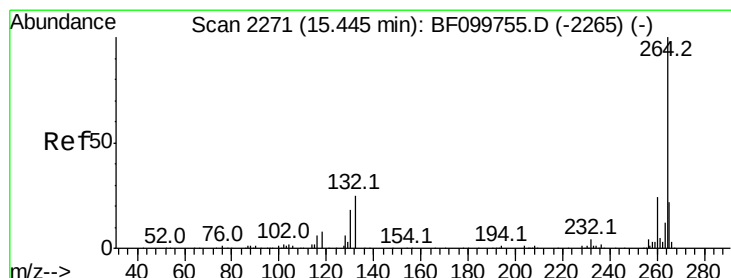
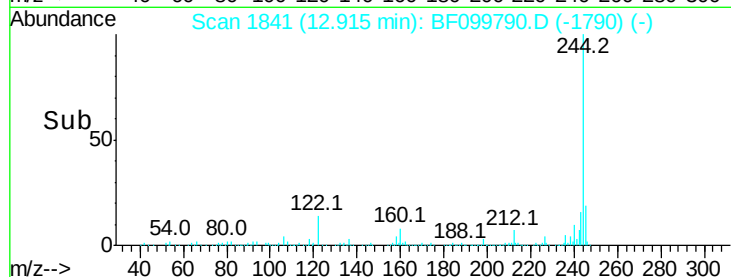
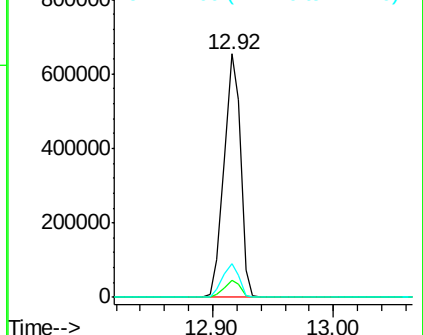
122 14.0 11.0 16.4



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: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099790.D

Acq: 24 Oct 2017 16:11

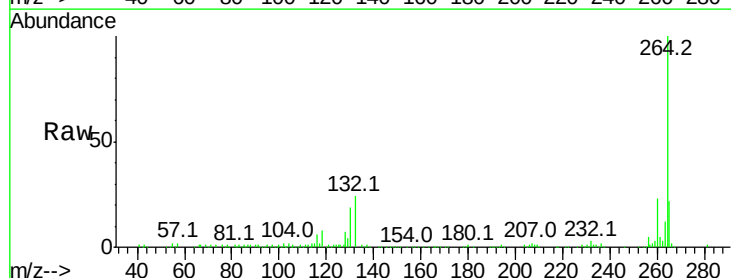
Tgt Ion:264 Resp: 161047

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.1 17.5 26.3



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

