

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099788.D
 Acq On : 24 Oct 2017 15:16
 Operator : SJ/JU
 Sample : I6025-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Quant Time: Oct 24 18:27:41 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

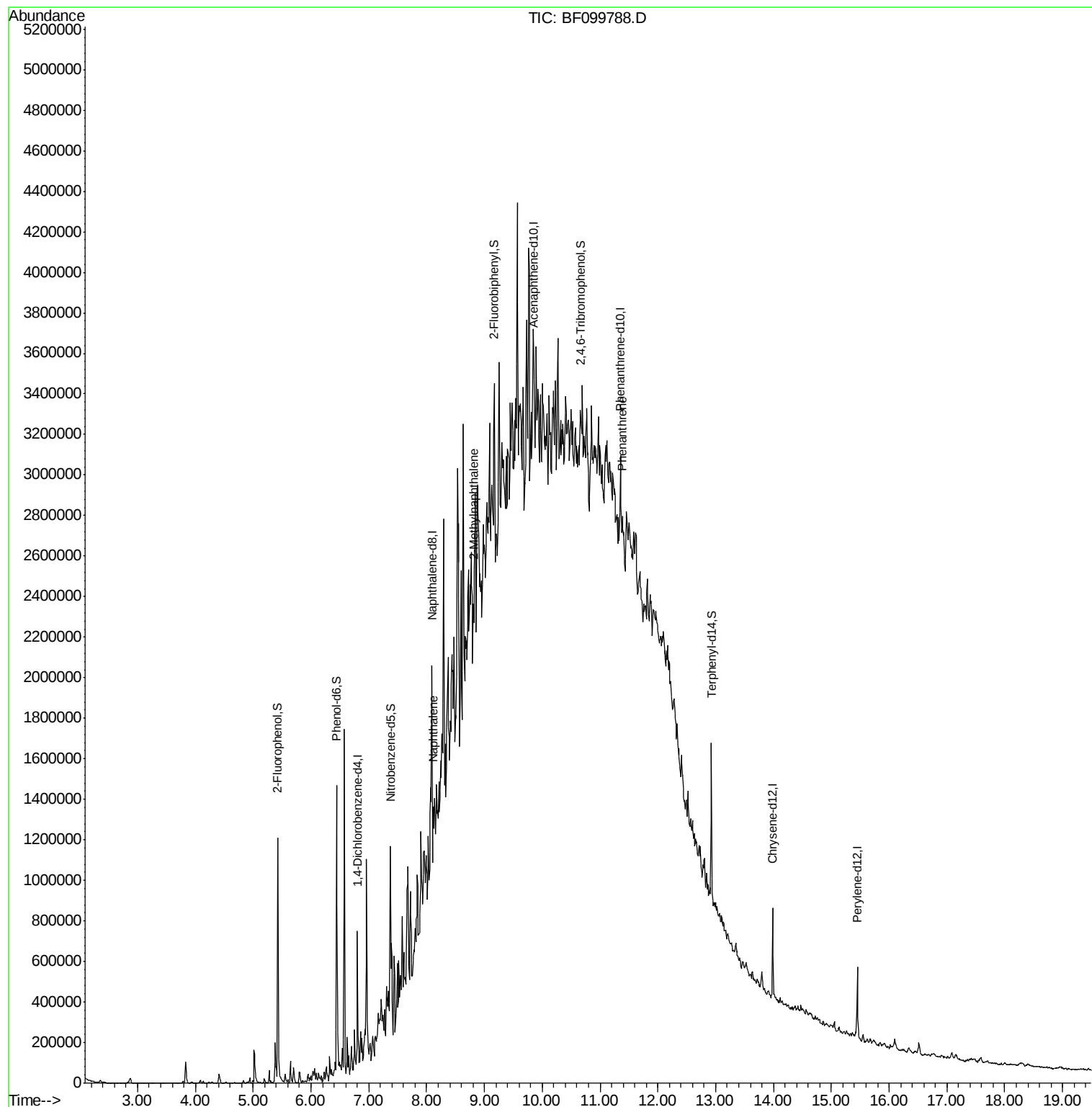
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	86958	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	295874	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	96159	20.00	ng	0.02
63) Phenanthrene-d10	11.36	188	160007	20.00	ng	0.02
75) Chrysene-d12	13.99	240	147614	20.00	ng	0.00
86) Perylene-d12	15.45	264	156332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	451303	81.48	ng	0.00
7) Phenol-d6	6.45	99	541625	82.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	301850	65.68	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	59145	67.49	ng	0.02
44) 2-Fluorobiphenyl	9.17	172	326327	52.36	ng	0.01
78) Terphenyl-d14	12.92	244	256688	38.00	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	70404	4.930	ng	# 91
37) 2-Methylnaphthalene	8.81	142	77487	8.096	ng	# 98
70) Phenanthrene	11.38	178	42851	4.745	ng	# 63

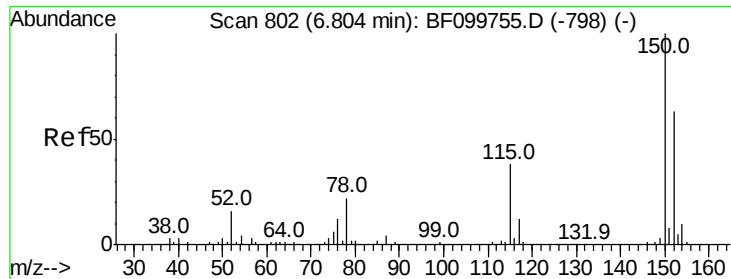
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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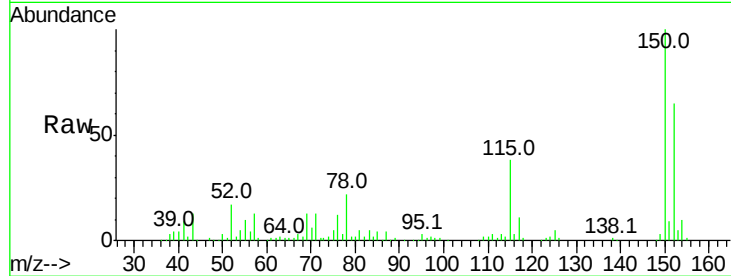


#1

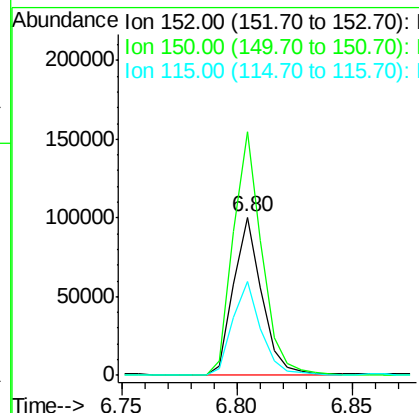
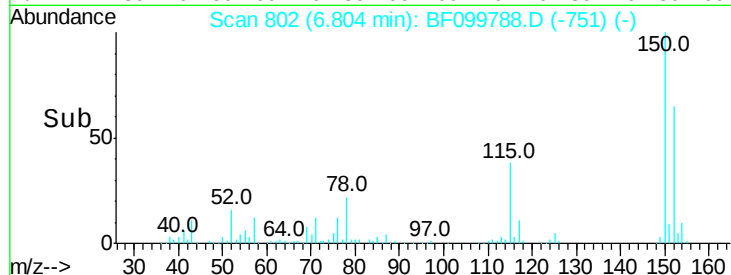
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF099788.D
 Acq: 24 Oct 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Tot Ion:152 Resp: 86958
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 59.1 50.1 75.1



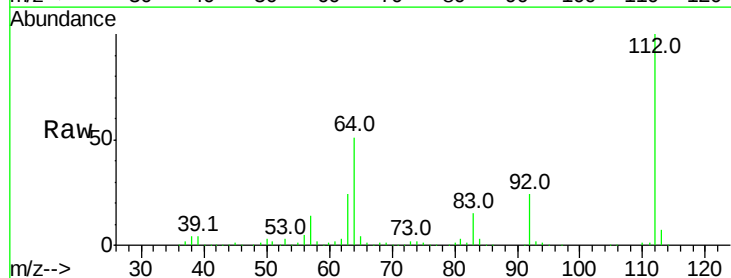
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



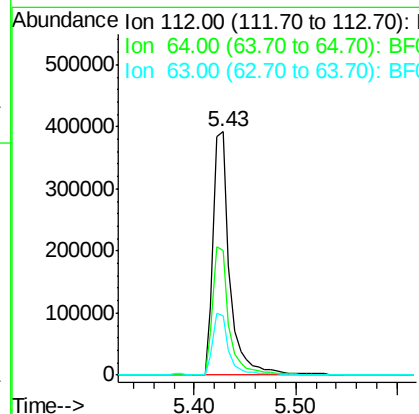
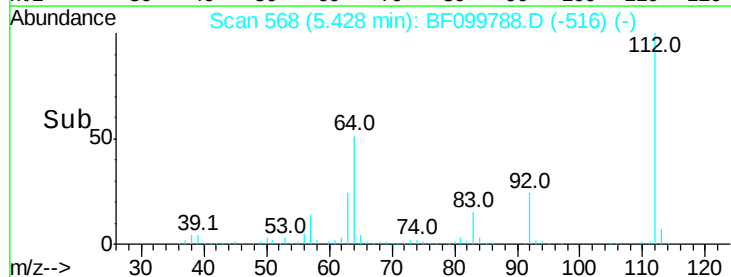
#5

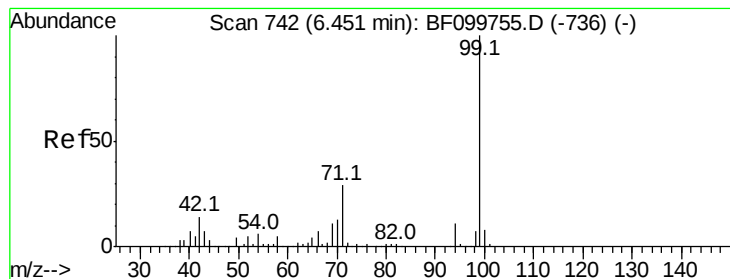
2-Fluorophenol
 Concen: 81.480 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099788.D
 Acq: 24 Oct 2017 15:16

Tgt Ion:112 Resp: 451303
 Ion Ratio Lower Upper
 112 100
 64 51.1 47.9 71.9
 63 24.2 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: 82.470 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099788.D

Acq: 24 Oct 2017 15:16

Instrument :

BNA_F

ClientSampleId :

SB-04

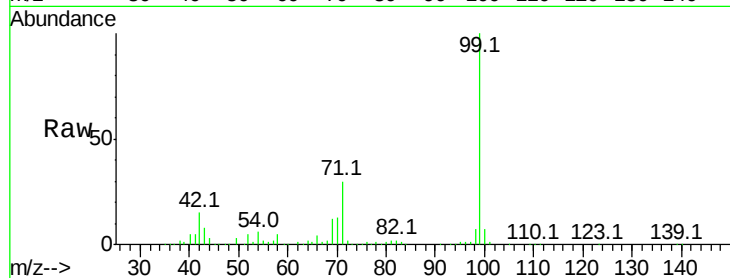
Tot Ion: 99 Resp: 541625

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

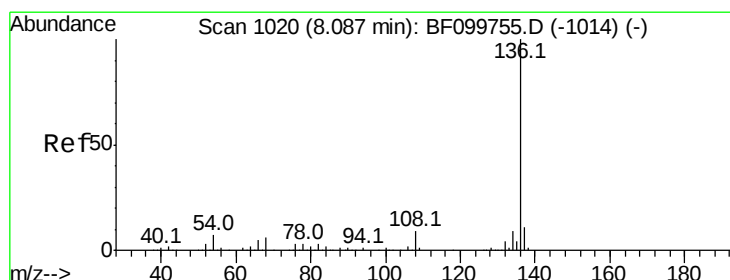
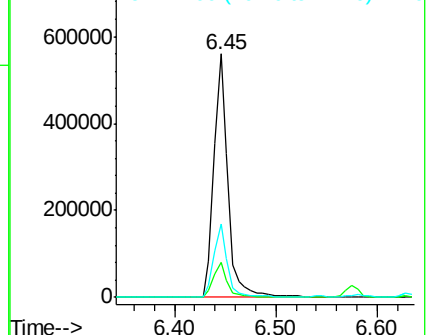
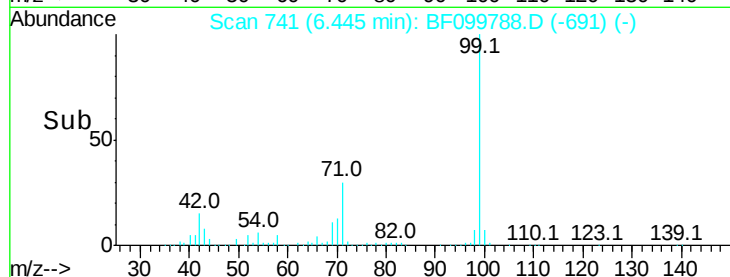
71 30.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF099788.D

Acq: 24 Oct 2017 15:16

Tgt Ion:136 Resp: 295874

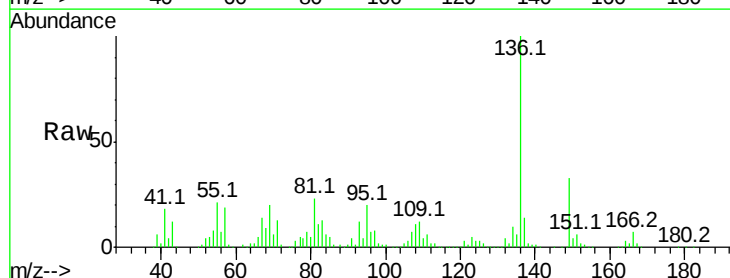
Ion Ratio Lower Upper

136 100

137 13.7 8.9 13.3#

54 8.2 6.6 9.8

68 9.1 5.0 7.4#

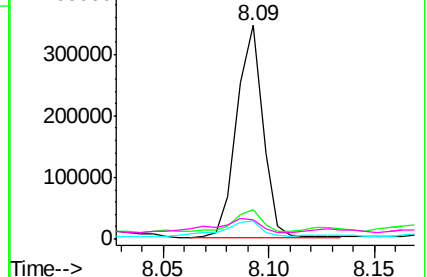
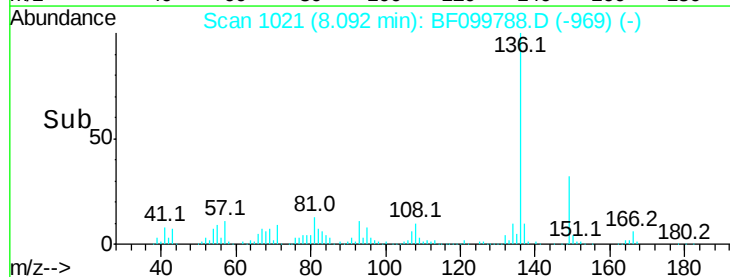


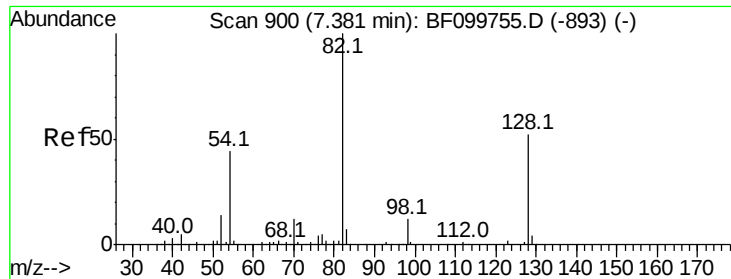
Abundance Ion 136.00 (135.70 to 136.70): E

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

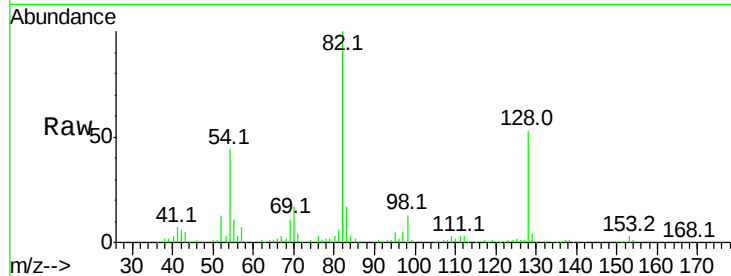




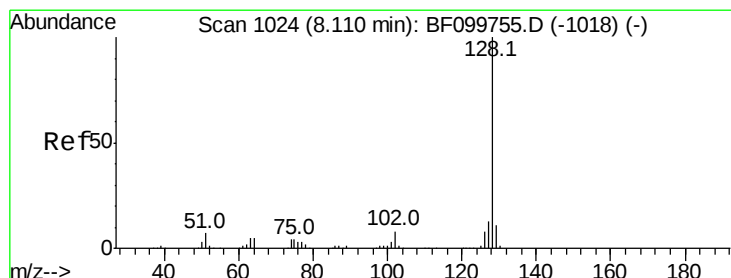
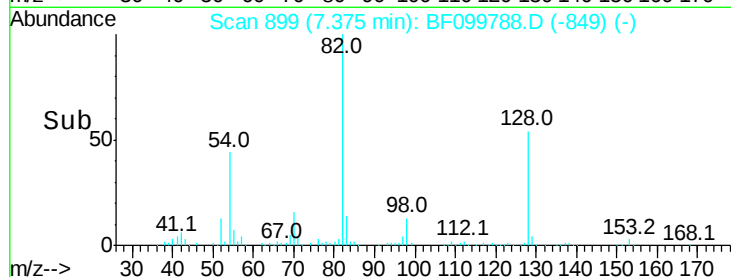
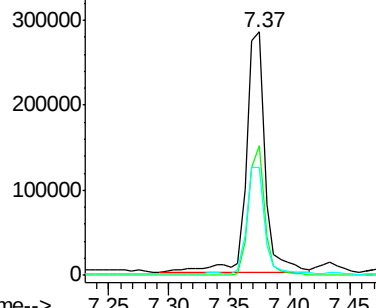
#23
 Nitrobenzene-d5
 Concen: 65.681 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099788.D
 Acq: 24 Oct 2017 15:16

Instrument :
 BNA_F
 ClientSampled :
 SB-04

Tot Ion: 82 Resp: 301850
 Ion Ratio Lower Upper
 82 100
 128 53.5 36.1 54.1
 54 44.3 41.4 62.2

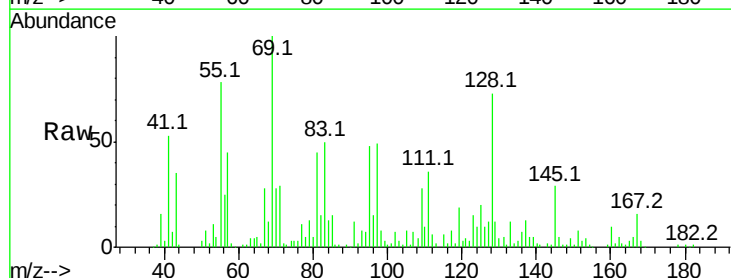


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

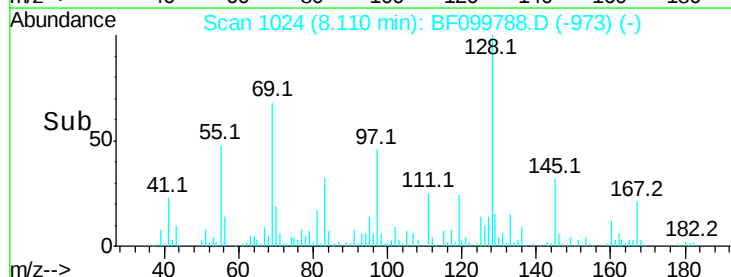
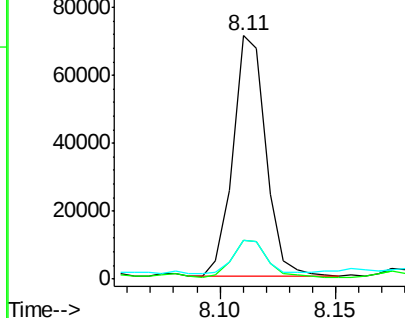


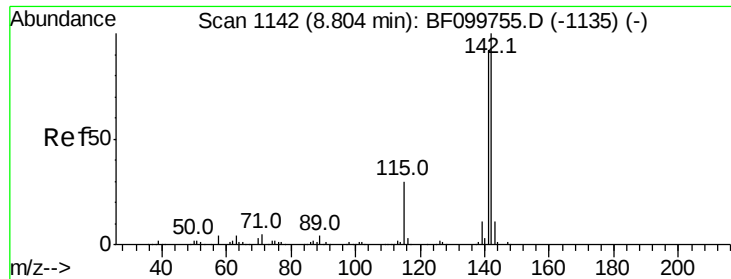
#31
 Naphthalene
 Concen: 4.930 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF099788.D
 Acq: 24 Oct 2017 15:16

Tgt Ion: 128 Resp: 70404
 Ion Ratio Lower Upper
 128 100
 129 15.7 8.8 13.2#
 127 15.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

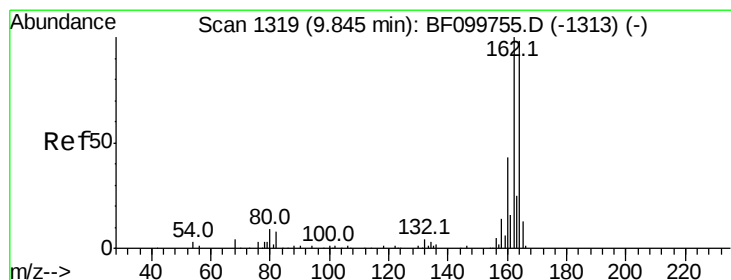
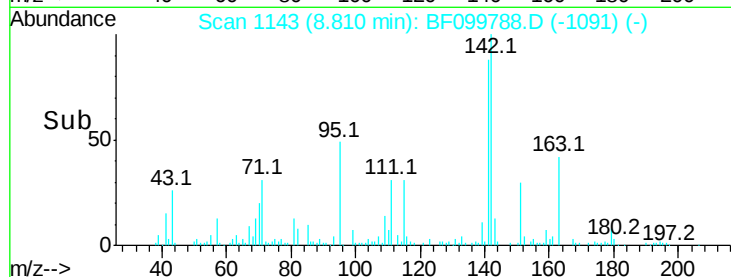
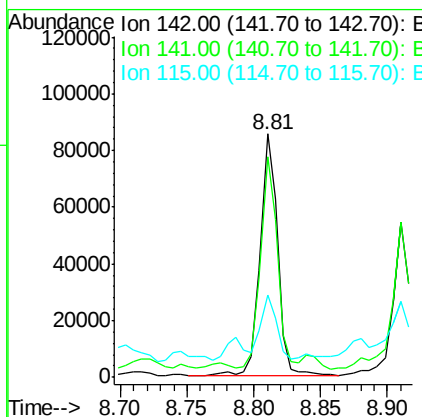
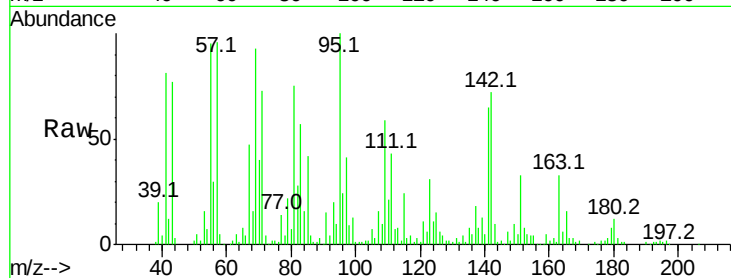




#37
2-Methylnaphthalene
Concen: 8.096 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF099788.D
Acq: 24 Oct 2017 15:16

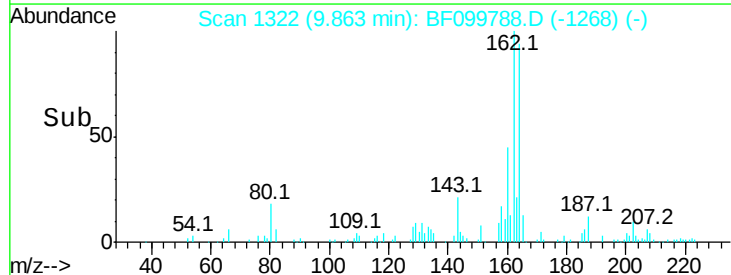
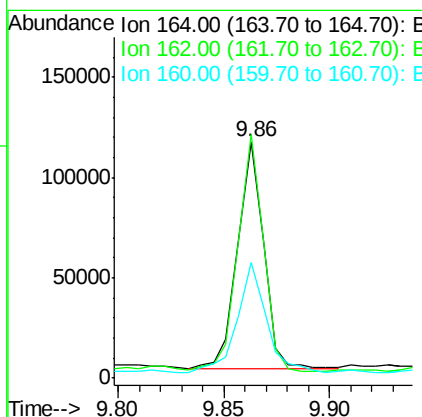
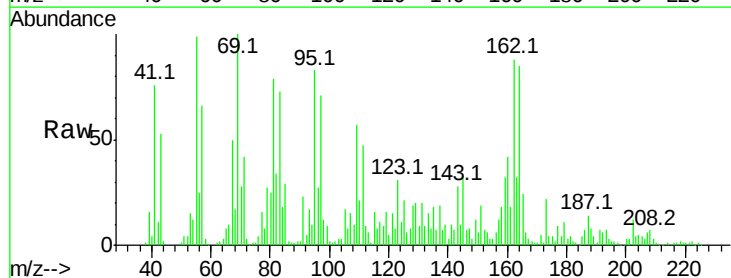
Instrument :
BNA_F
ClientSampleId :
SB-04

Tot Ion:142 Resp: 77487
Ion Ratio Lower Upper
142 100
141 90.4 70.8 106.2
115 33.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF099788.D
Acq: 24 Oct 2017 15:16

Tgt Ion:164 Resp: 96159
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 49.1 38.3 57.5

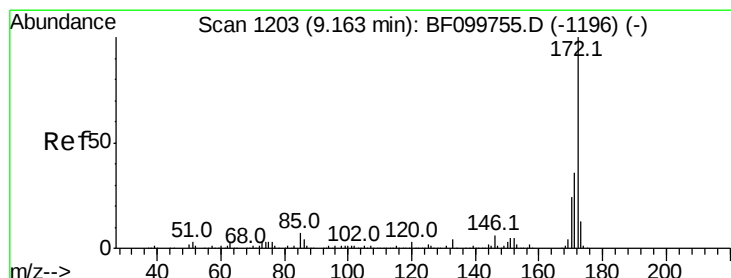
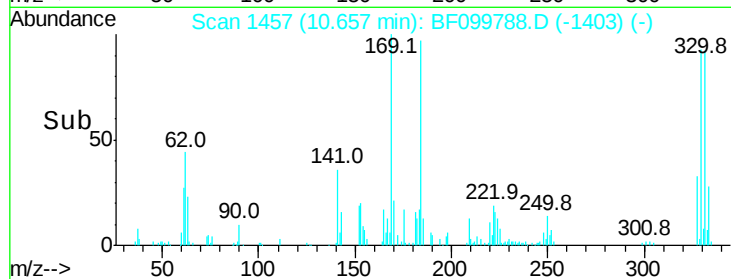
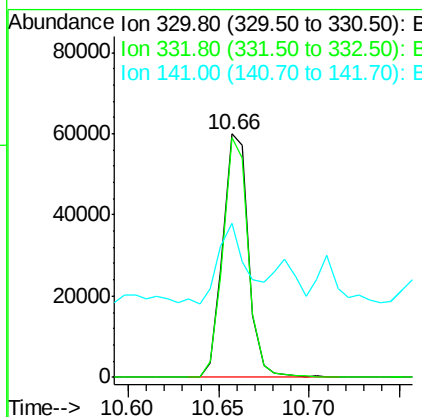
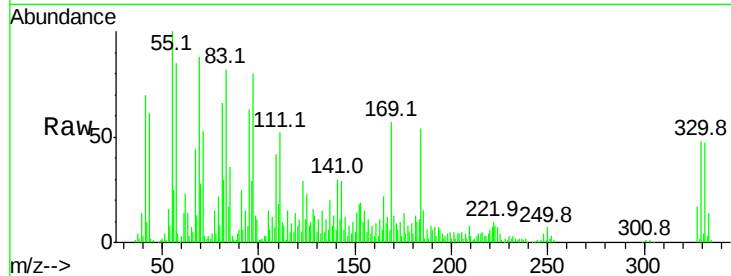




#41
 2,4,6-Tribromophenol
 Concen: 67.493 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.02 min
 Lab File: BF099788.D
 Acq: 24 Oct 2017 15:16

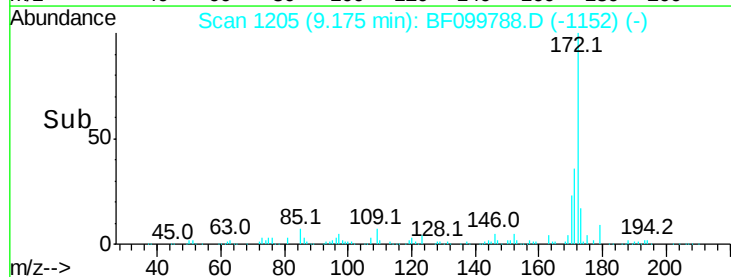
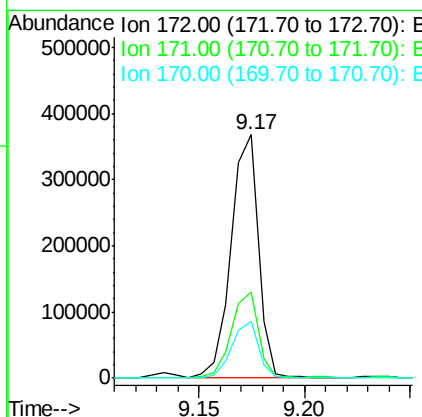
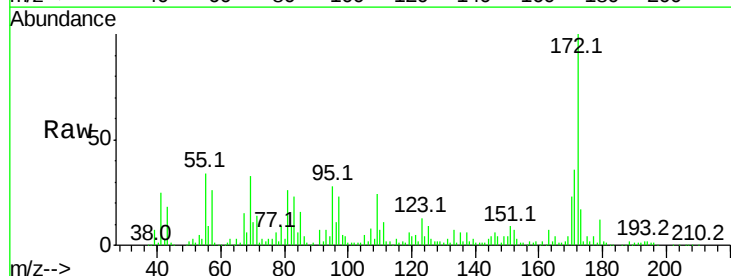
Instrument :
 BNA_F
 ClientSampleId :
 SB-04

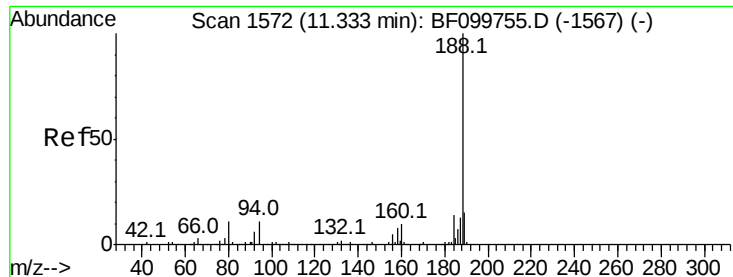
Tot Ion:330 Resp: 59145
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 40.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 52.358 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099788.D
 Acq: 24 Oct 2017 15:16

Tgt Ion:172 Resp: 326327
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.4 19.6 29.4

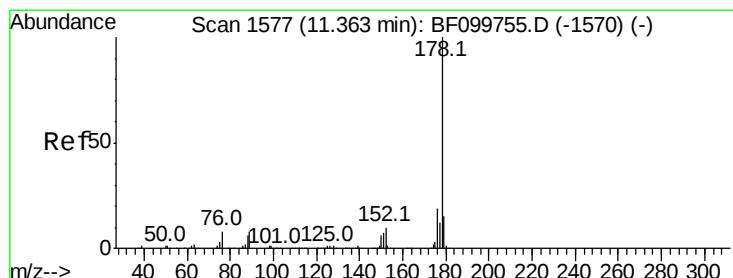
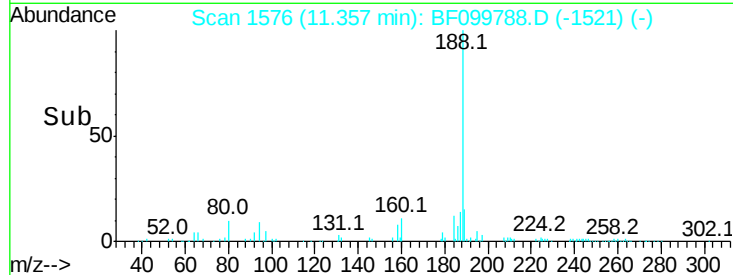
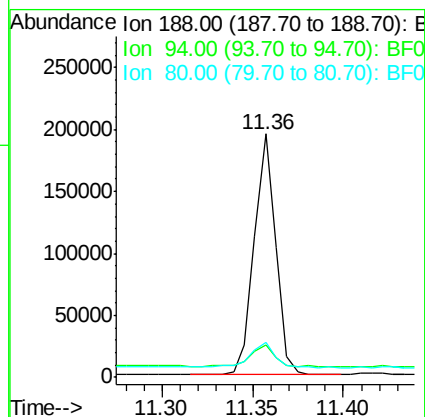
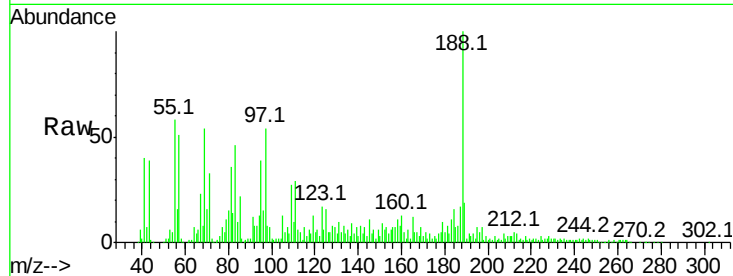




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BF099788.D
Acq: 24 Oct 2017 15:16

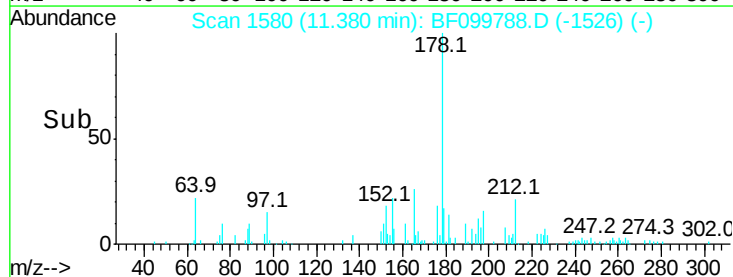
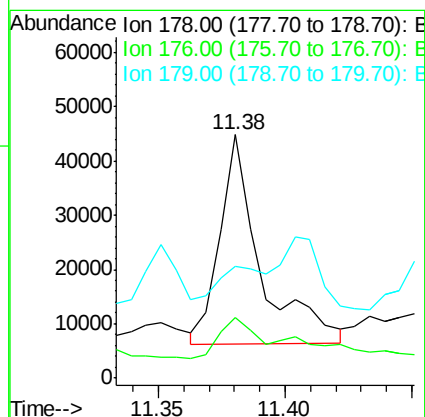
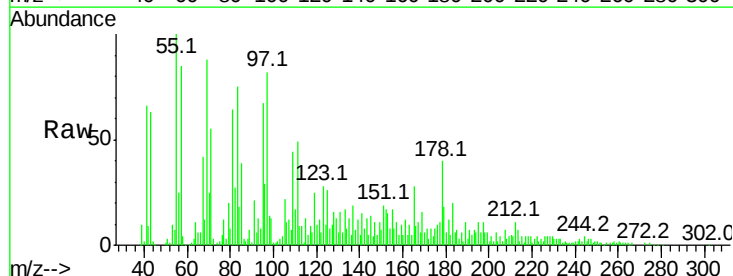
Instrument :
BNA_F
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SB-04

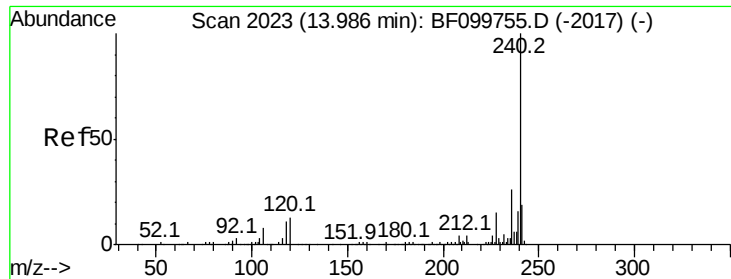
Tot Ion:188 Resp: 160007
Ion Ratio Lower Upper
188 100
94 13.3 8.5 12.7#
80 14.6 9.2 13.8#



#70
Phenanthrene
Concen: 4.745 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.02 min
Lab File: BF099788.D
Acq: 24 Oct 2017 15:16

Tgt Ion:178 Resp: 42851
Ion Ratio Lower Upper
178 100
176 24.8 15.8 23.8#
179 46.0 13.0 19.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099788.D

Acq: 24 Oct 2017 15:16

Instrument :

BNA_F

ClientSampleId :

SB-04

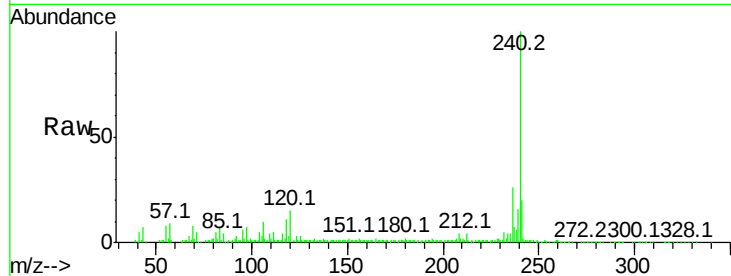
Tot Ion:240 Resp: 147614

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

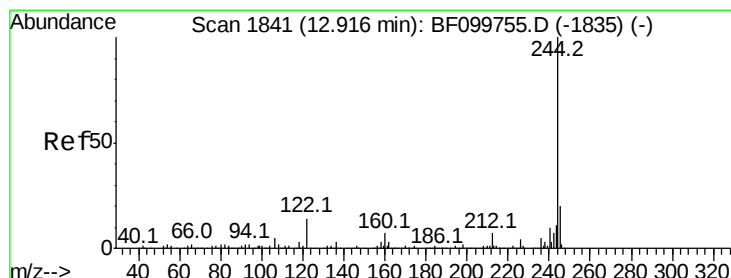
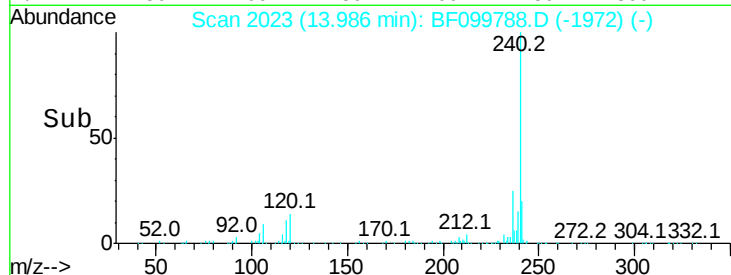
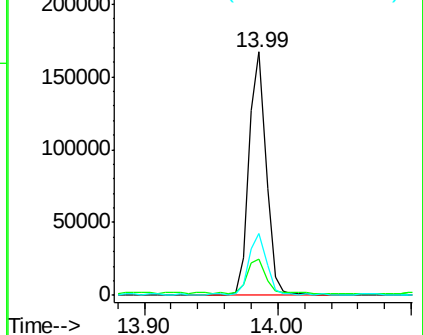
236 25.6 20.7 31.1



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: 38.002 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099788.D

Acq: 24 Oct 2017 15:16

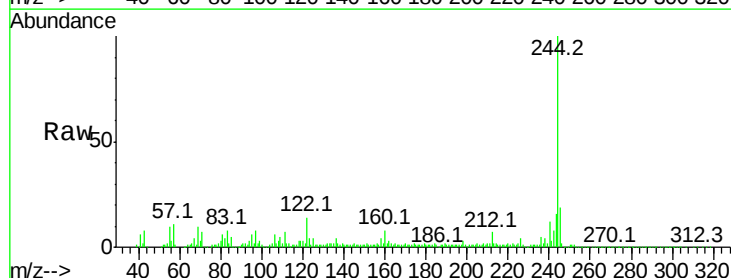
Tgt Ion:244 Resp: 256688

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

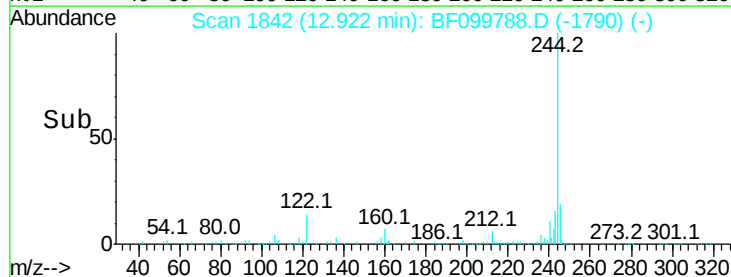
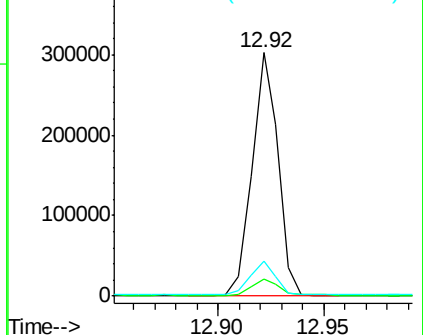
122 14.4 11.0 16.4

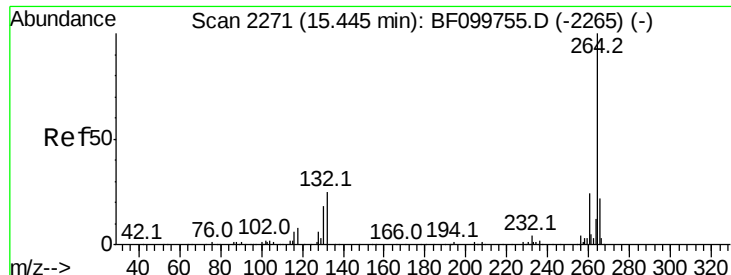


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099788.D
Acq: 24 Oct 2017 15:16

Instrument :
BNA_F
ClientSampleId :
SB-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

