

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077016.D
 Acq On : 22 Jan 2015 17:21
 Operator : TP/IZ
 Sample : G1136-02
 Misc : S
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:34:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 00:19:18 2015
 Response via : Initial Calibration

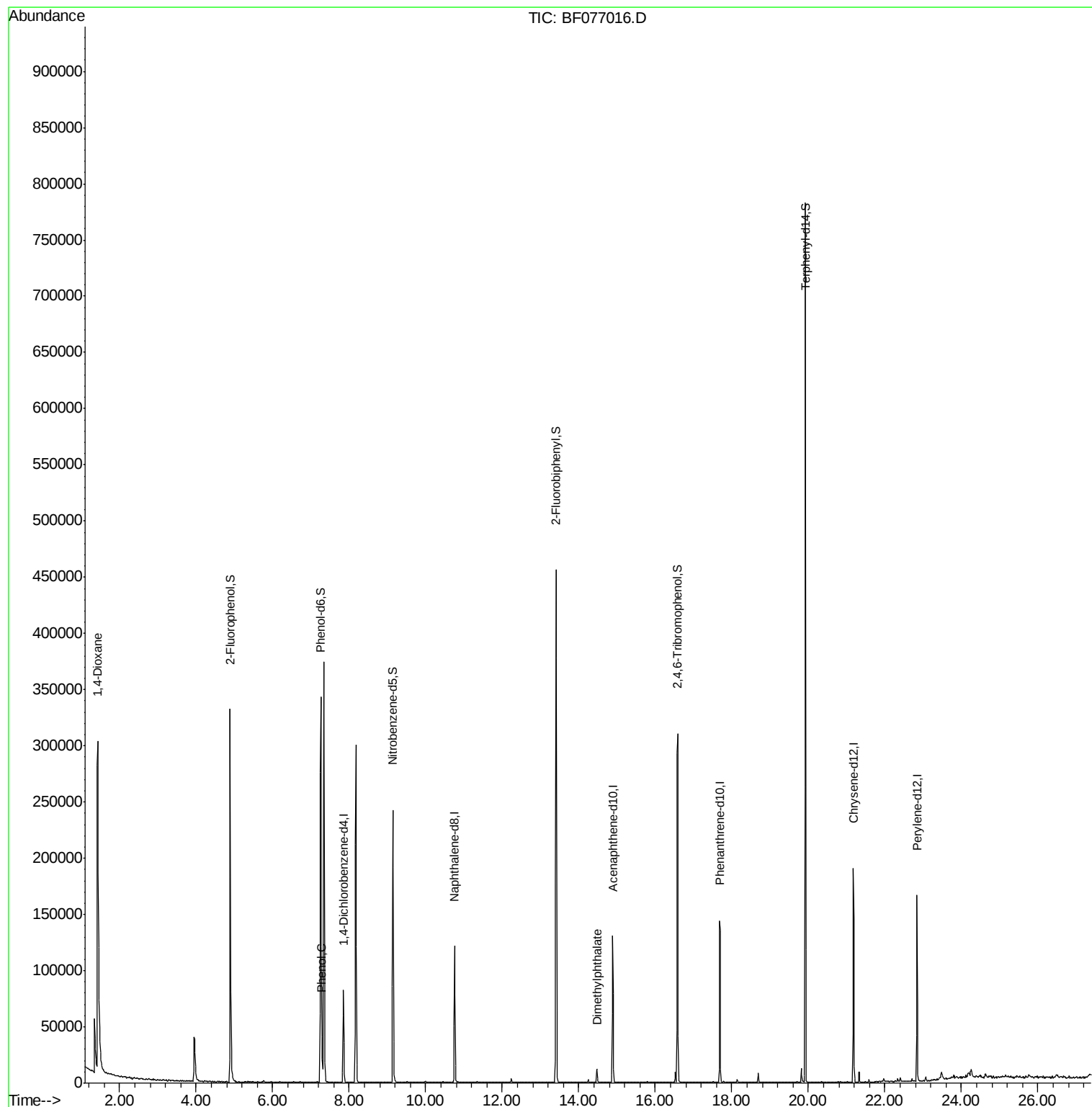
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23239	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	96472	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	50682	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	86925	20.00	ng	0.00
75) Chrysene-d12	21.18	240	82926	20.00	ng	-0.01
86) Perylene-d12	22.84	264	74767	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	171714	121.49	ng	0.00
7) Phenol-d6	7.26	99	217247	121.84	ng	0.00
23) Nitrobenzene-d5	9.14	82	134457	77.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	53058	128.97	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	267235	80.24	ng	-0.01
78) Terphenyl-d14	19.92	244	279106	77.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.43	88	16519	27.29	ng	# 12
10) Phenol	7.28	94	4625	2.44	ng	# 63
49) Dimethylphthalate	14.48	163	11608	3.23	ng	# 95

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

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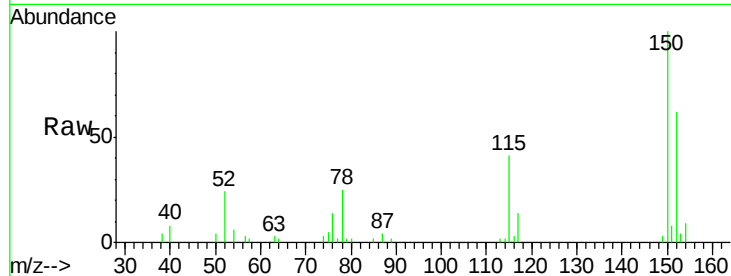


#1

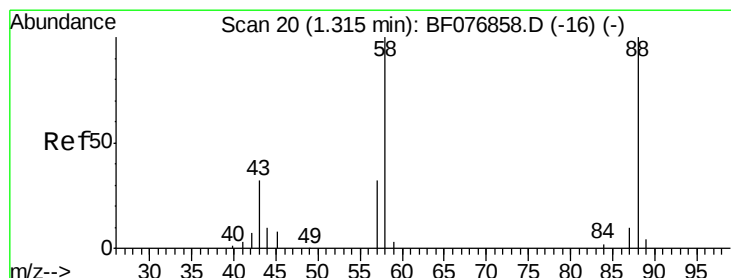
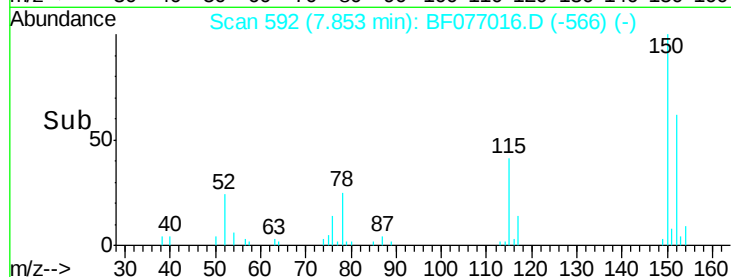
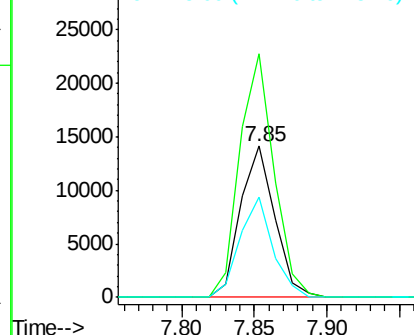
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077016.D
Acq: 22 Jan 2015 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 23239
Ion Ratio Lower Upper
152 100
150 160.9 121.7 182.5
115 66.5 47.0 70.6



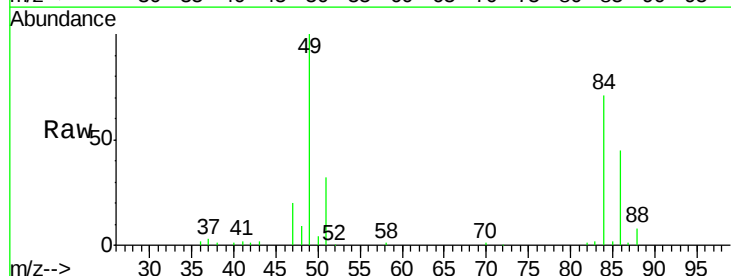
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



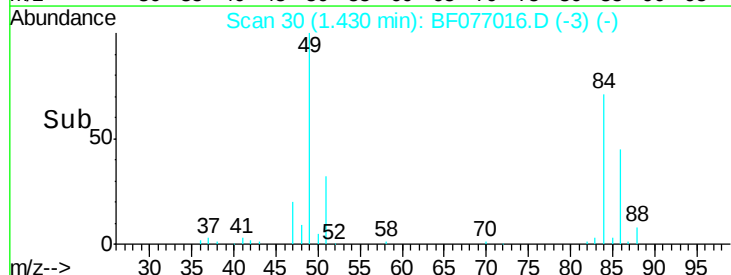
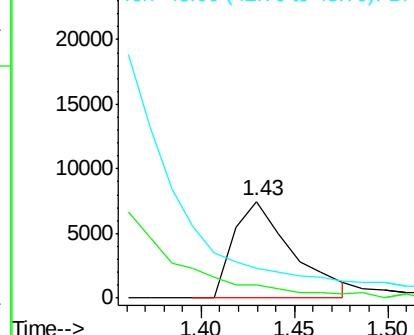
#2

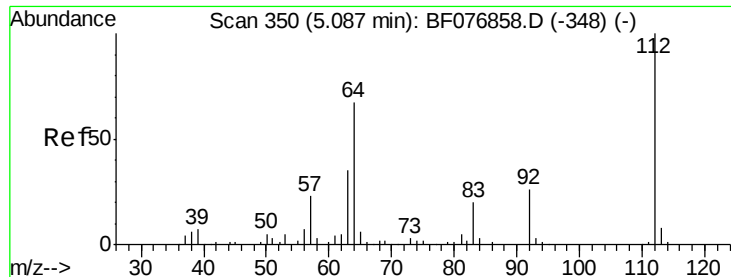
1,4-Dioxane
Concen: 27.29 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.21 min
Lab File: BF077016.D
Acq: 22 Jan 2015 17:21

Tgt Ion: 88 Resp: 16519
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 121.49 ng

RT: 4.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077016.D

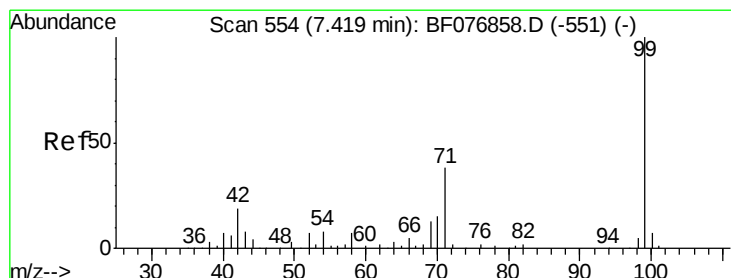
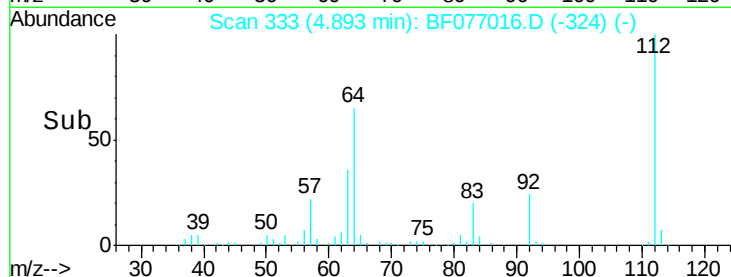
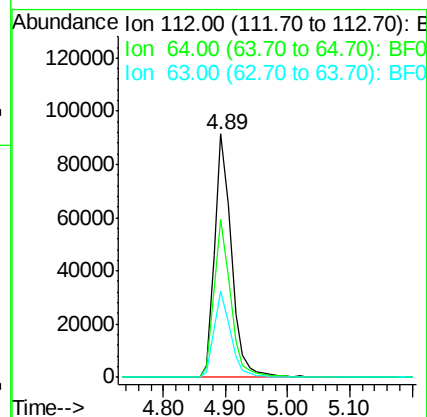
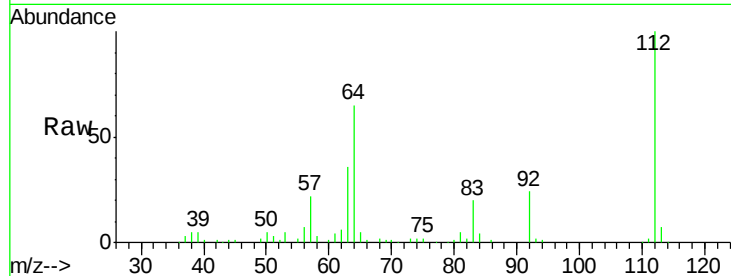
Acq: 22 Jan 2015 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	171714
Ion	Ratio	Lower	Upper
112	100		
64	65.0	54.2	81.4
63	35.7	28.4	42.6



#7

Phenol-d6

Concen: 121.84 ng

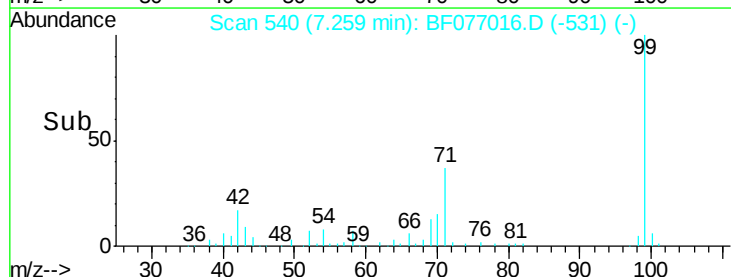
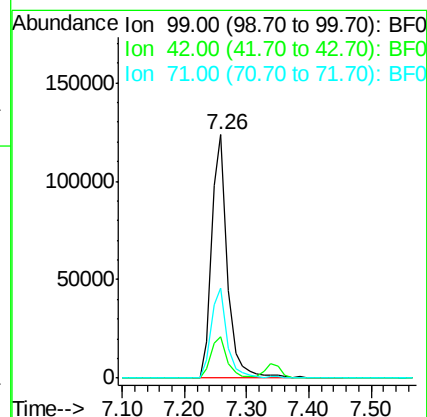
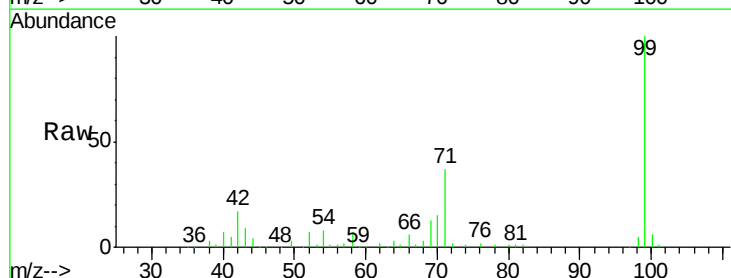
RT: 7.26 min Scan# 540

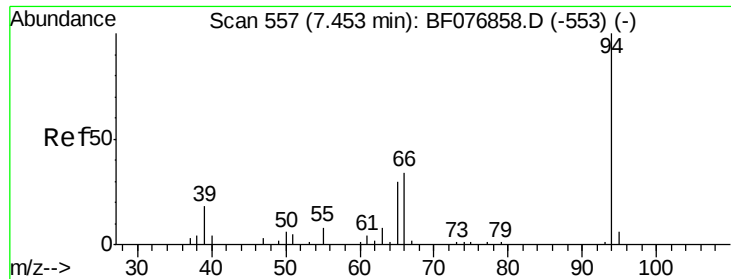
Delta R.T. 0.00 min

Lab File: BF077016.D

Acq: 22 Jan 2015 17:21

Tgt Ion:	99	Resp:	217247
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	36.8	30.5	45.7





#10

Phenol

Concen: 2.44 ng

RT: 7.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF077016.D

Acq: 22 Jan 2015 17:21

Instrument :

BNA_F

ClientSampled :

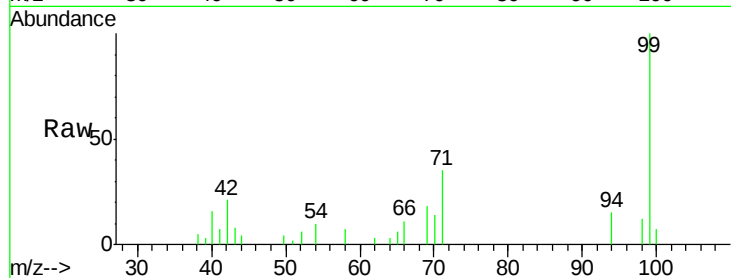
Tot Ion: 94 Resp: 4625

Ion Ratio Lower Upper

94 100

65 37.6 11.3 51.3

66 75.1 19.5 59.5#

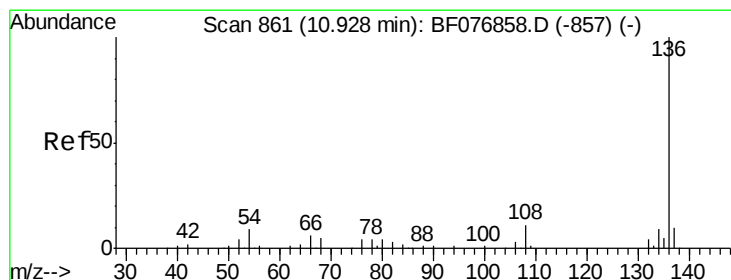
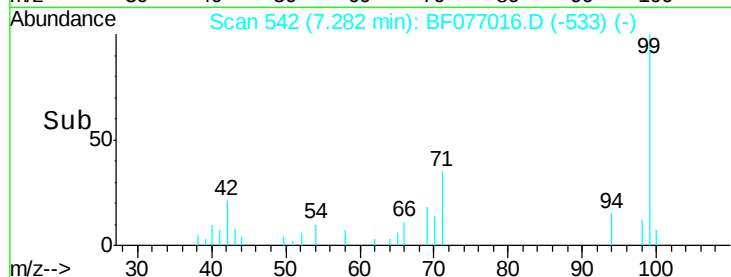
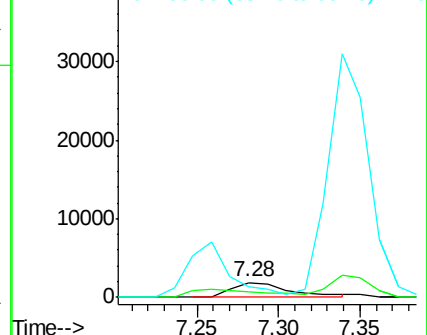


Abundance

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: 10.76 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077016.D

Acq: 22 Jan 2015 17:21

Tgt Ion: 136 Resp: 96472

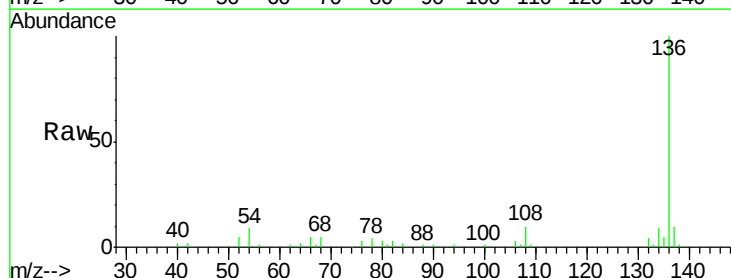
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 8.9 7.0 10.4

68 4.9 3.7 5.5



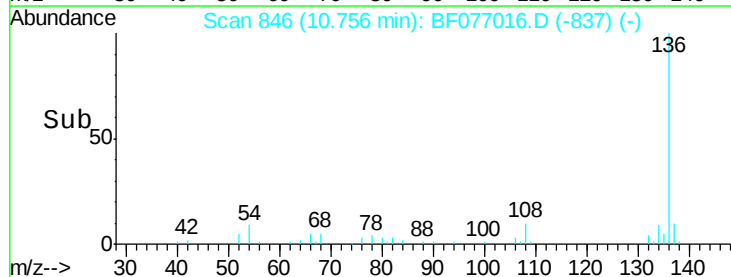
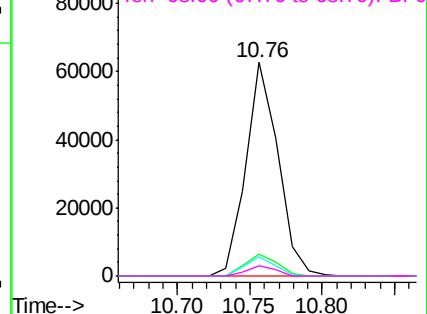
Abundance

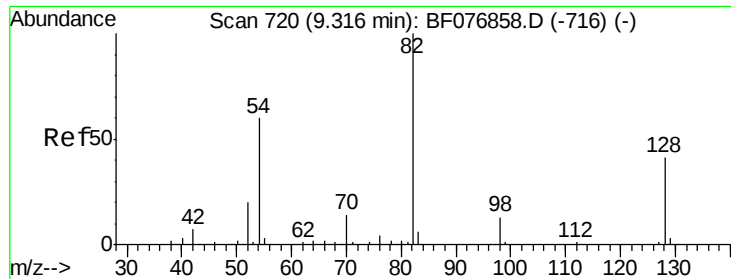
Ion 136.00 (135.70 to 136.70): E

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

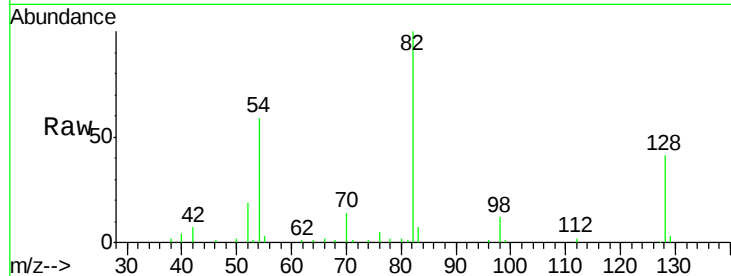




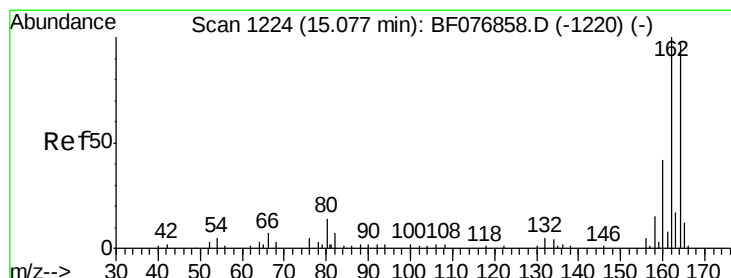
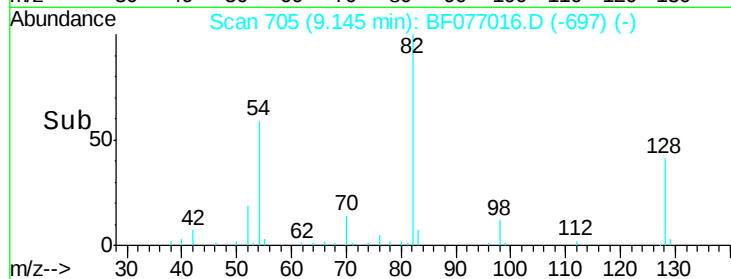
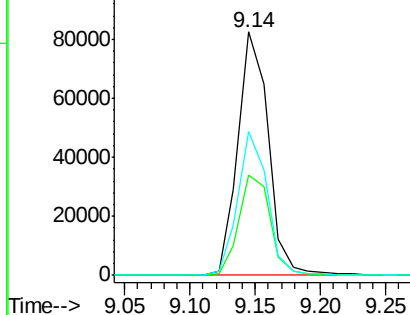
#23
 Nitrobenzene-d5
 Concen: 77.21 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077016.D
 Acq: 22 Jan 2015 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	134457
Ion Ratio	100	Lower	Upper
128	41.1	33.1	49.7
54	58.9	48.3	72.5

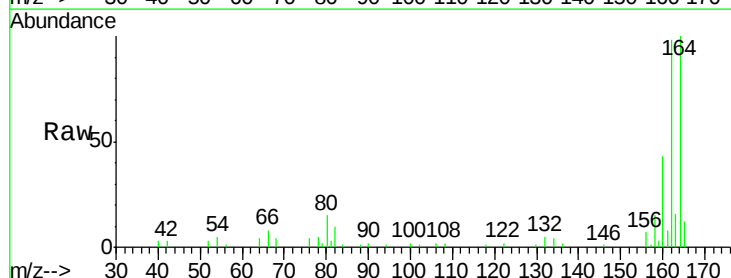


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

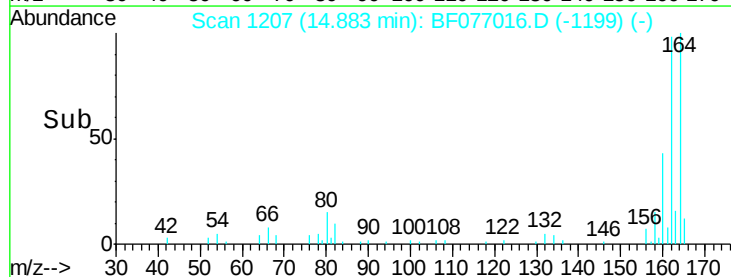
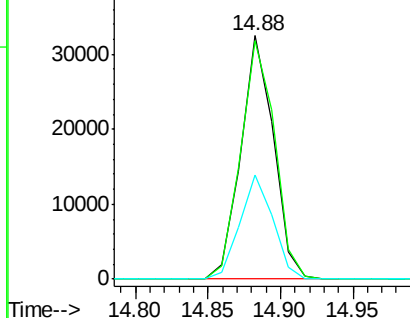


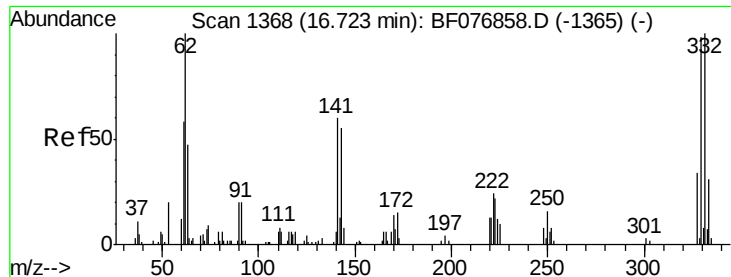
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077016.D
 Acq: 22 Jan 2015 17:21

Tgt Ion	164	Resp	50682
Ion Ratio	100	Lower	Upper
162	97.8	82.4	123.6
160	42.9	34.8	52.2



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

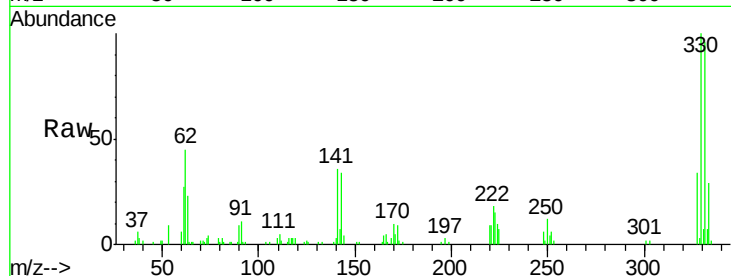




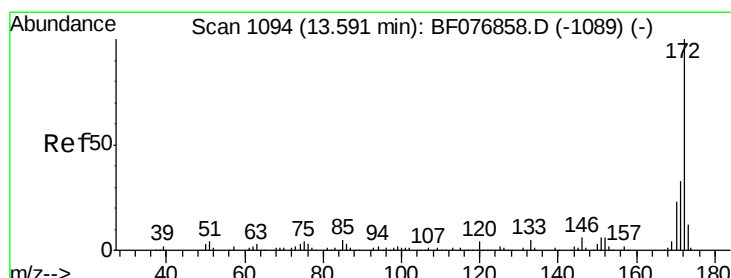
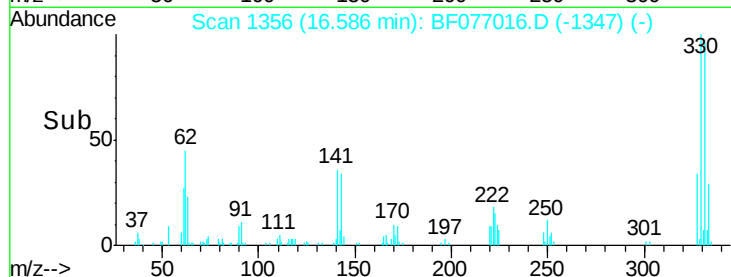
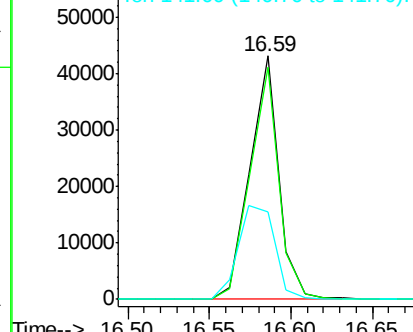
#41
 2,4,6-Tribromophenol
 Concen: 128.97 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077016.D
 Acq: 22 Jan 2015 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	48.6	38.5	57.7

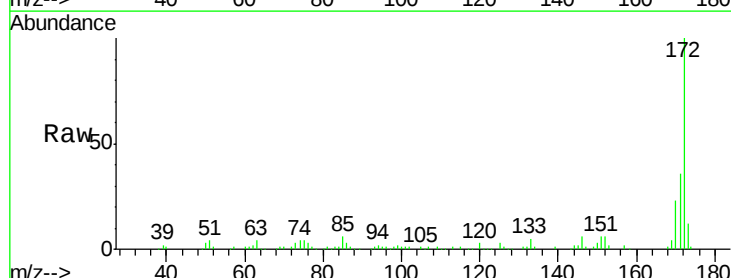


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

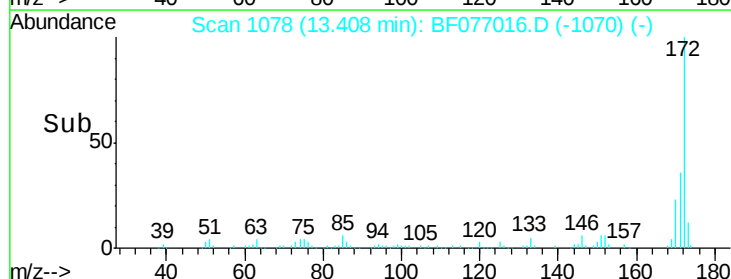
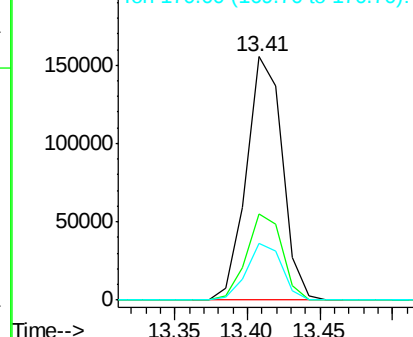


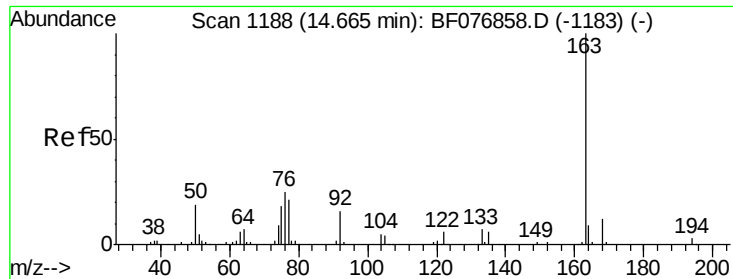
#44
 2-Fluorobiphenyl
 Concen: 80.24 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077016.D
 Acq: 22 Jan 2015 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	23.2	18.0	27.0



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

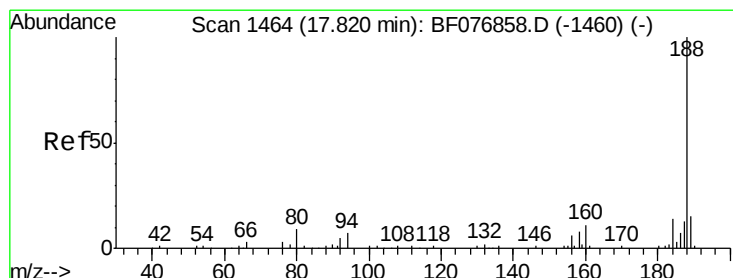
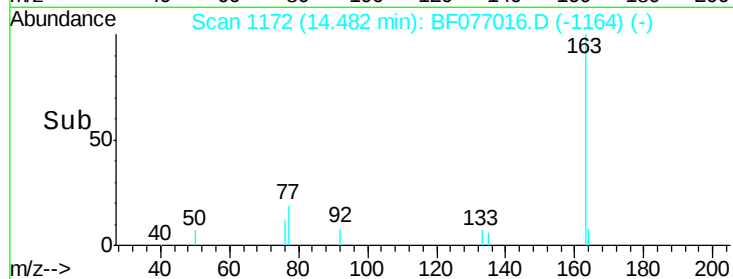
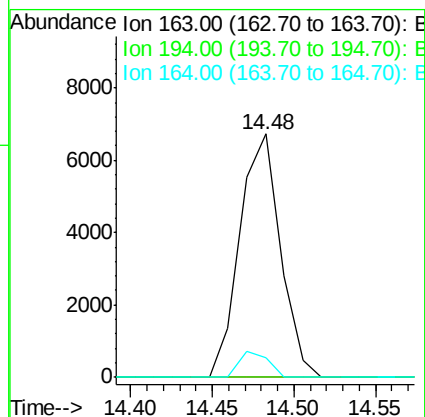
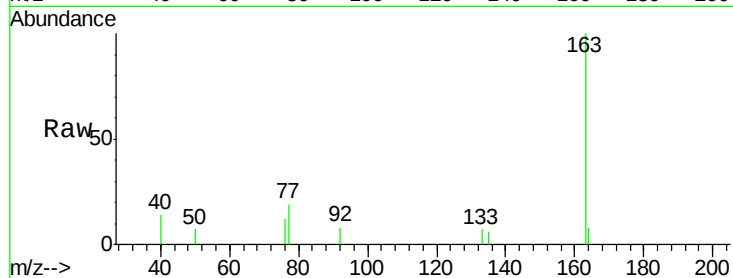




#49
Dimethylphthalate
Concen: 3.23 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077016.D
Acq: 22 Jan 2015 17:21

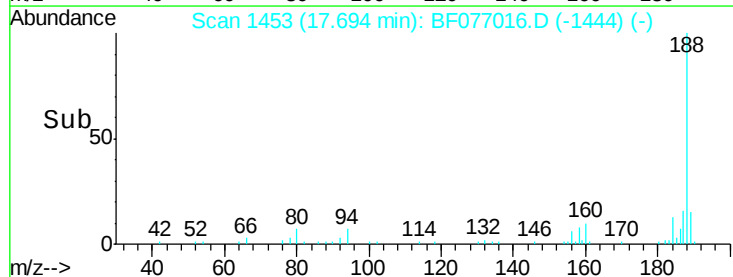
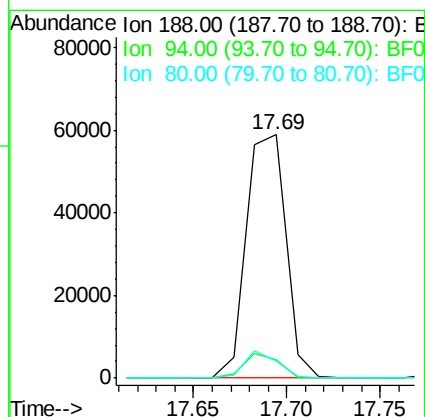
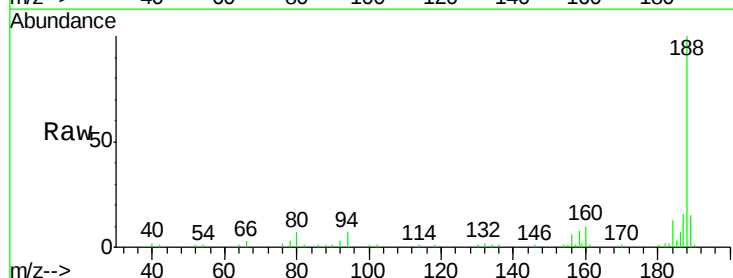
Instrument :
BNA_F
ClientSampleId :

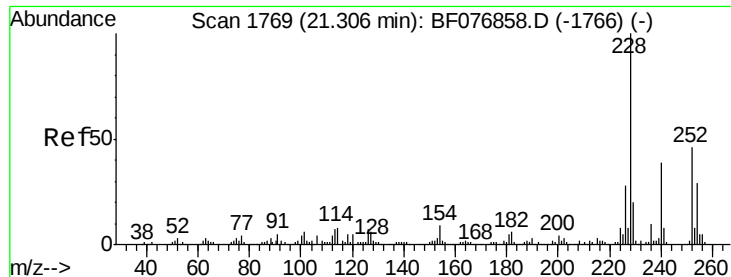
Tot Ion:163 Resp: 11608
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 8.0 7.5 11.3



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077016.D
Acq: 22 Jan 2015 17:21

Tgt Ion:188 Resp: 86925
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.0 6.9 10.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF077016.D

Acq: 22 Jan 2015 17:21

Instrument :

BNA_F

ClientSampleId :

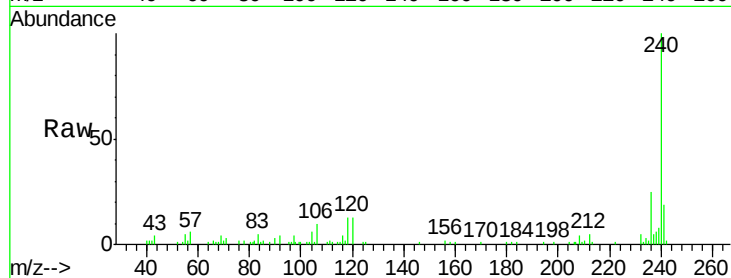
Tot Ion:240 Resp: 82926

Ion Ratio Lower Upper

240 100

120 12.9 10.4 15.6

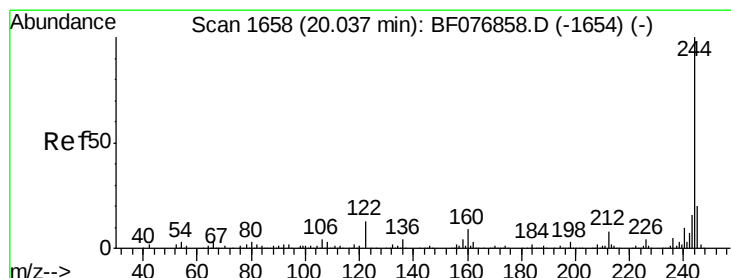
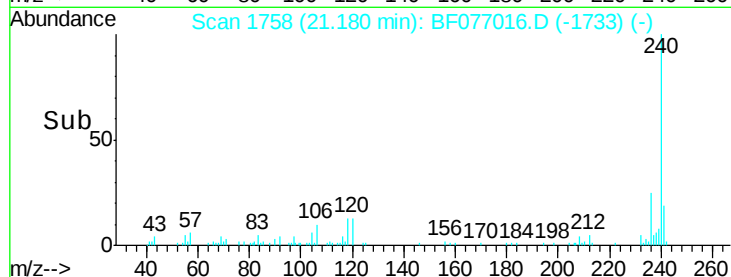
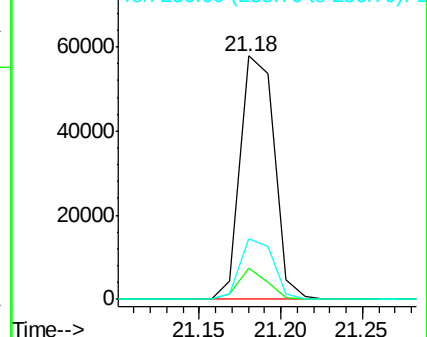
236 25.0 20.2 30.2



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: 77.48 ng

RT: 19.92 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF077016.D

Acq: 22 Jan 2015 17:21

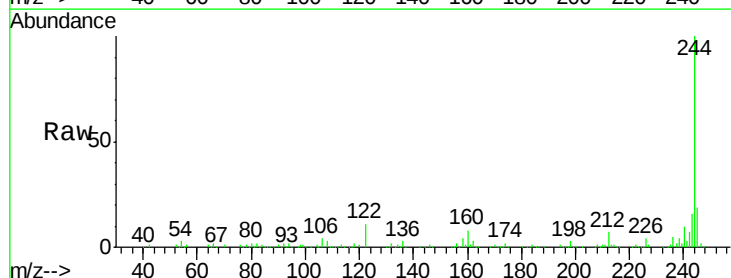
Tgt Ion:244 Resp: 279106

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

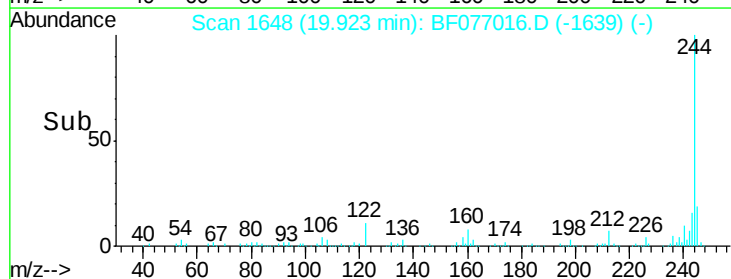
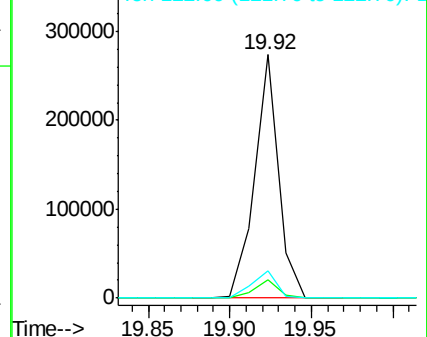
122 11.0 10.1 15.1

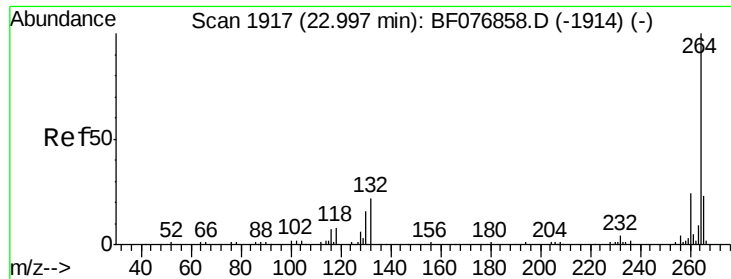


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

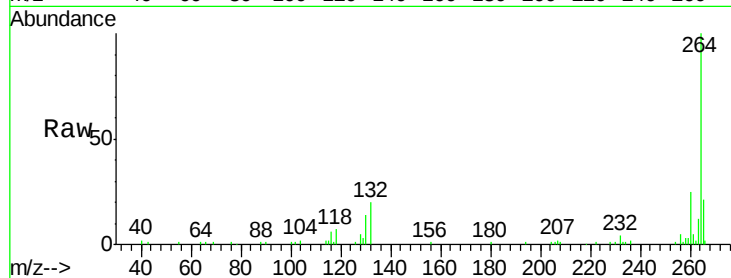




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.84 min Scan# 1903
Delta R.T. -0.05 min
Lab File: BF077016.D
Acq: 22 Jan 2015 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	21.1	18.1	27.1



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

