

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077019.D
 Acq On : 22 Jan 2015 19:04
 Operator : TP/IZ
 Sample : G1136-08
 Misc : S
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:59:07 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

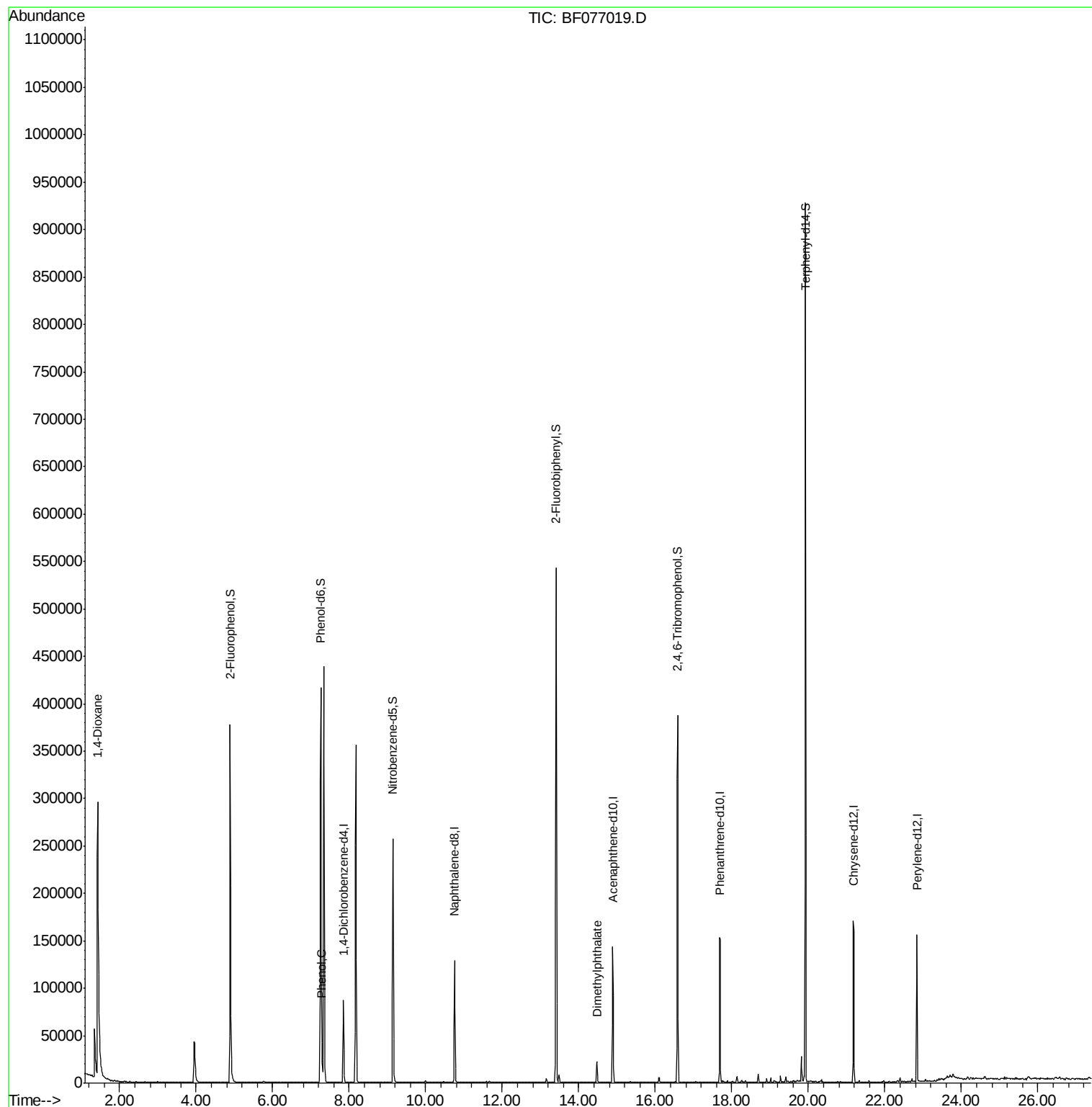
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	23973	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	102518	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	56237	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	92015	20.00	ng	0.00
75) Chrysene-d12	21.19	240	86516	20.00	ng	0.00
86) Perylene-d12	22.84	264	80414	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	194726	133.55	ng	0.00
7) Phenol-d6	7.26	99	254397	138.31	ng	0.00
23) Nitrobenzene-d5	9.14	82	155013	83.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	61362	134.42	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	320075	86.61	ng	-0.01
78) Terphenyl-d14	19.92	244	324411	86.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.43	88	14773	23.66	ng	# 12
10) Phenol	7.28	94	8320	4.26	ng	# 76
49) Dimethylphthalate	14.48	163	20238	5.07	ng	98

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

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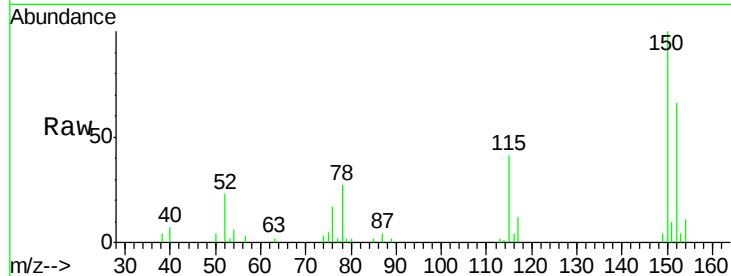


#1

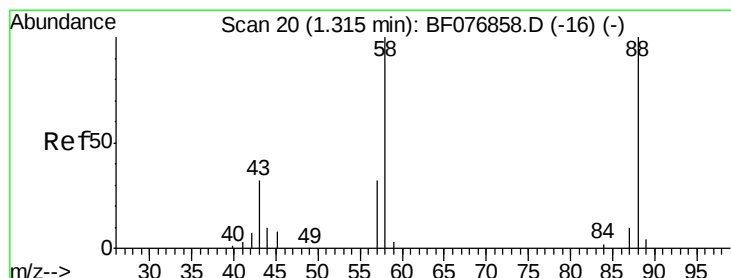
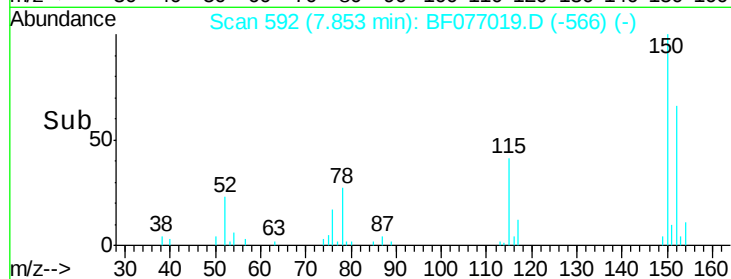
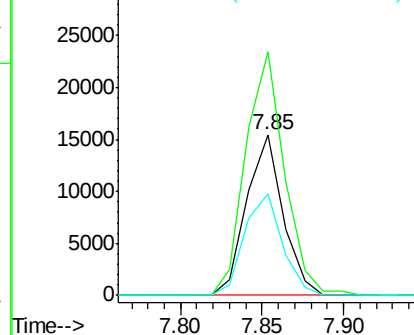
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077019.D
Acq: 22 Jan 2015 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 23973
Ion Ratio Lower Upper
152 100
150 151.6 121.7 182.5
115 62.8 47.0 70.6



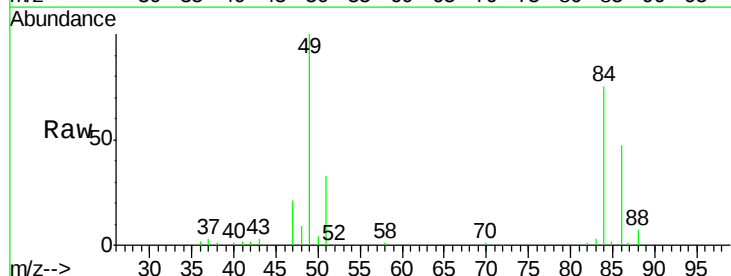
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



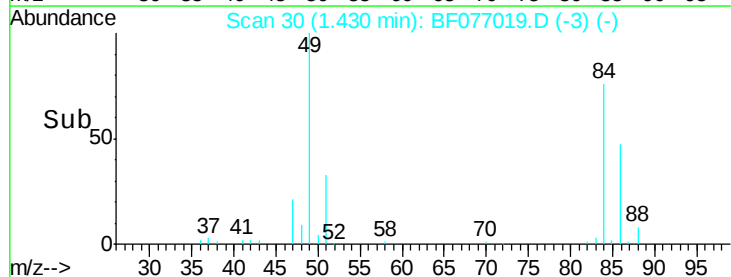
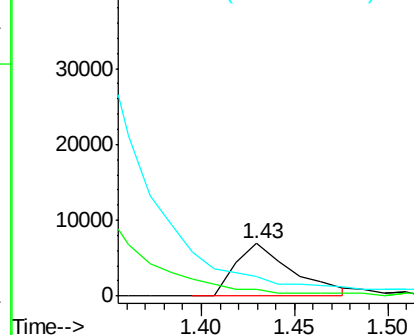
#2

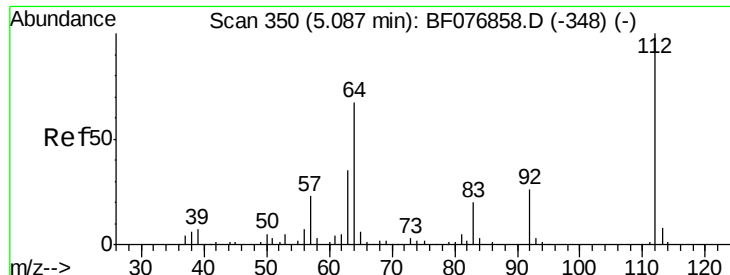
1,4-Dioxane
Concen: 23.66 ng
RT: 1.43 min Scan# 30
Delta R.T. 0.21 min
Lab File: BF077019.D
Acq: 22 Jan 2015 19:04

Tgt Ion: 88 Resp: 14773
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: 133.55 ng

RT: 4.89 min Scan# 333

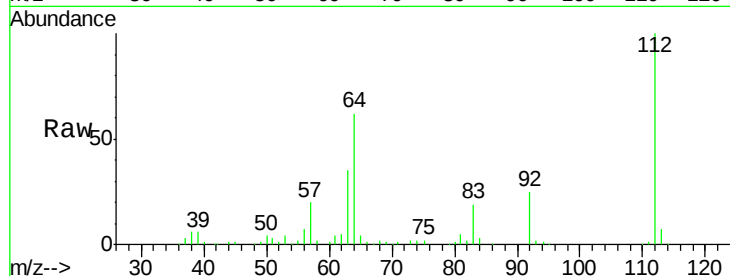
Delta R.T. 0.00 min

Lab File: BF077019.D

Acq: 22 Jan 2015 19:04

Instrument :
BNA_F
ClientSampleId :

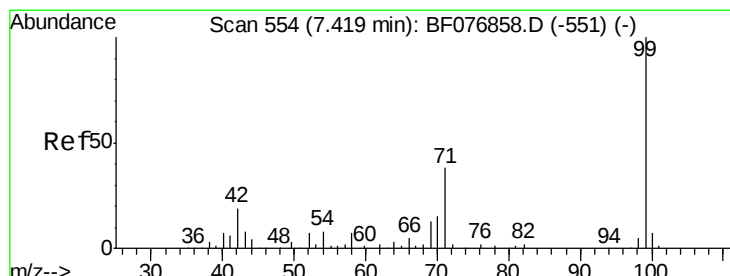
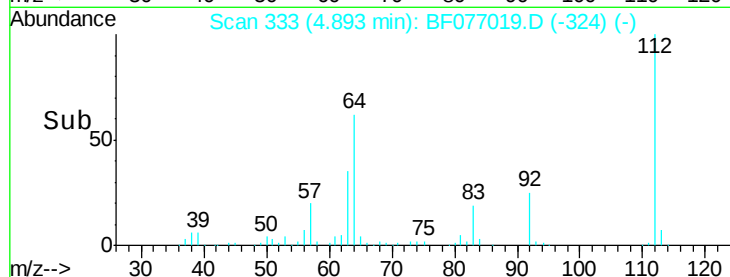
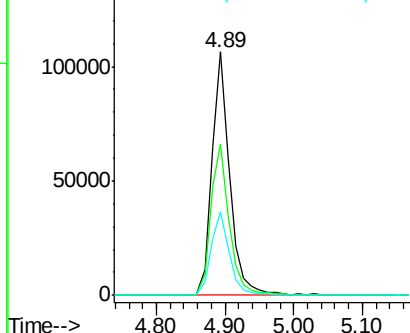
Tot Ion:	112	Resp:	194726
Ion	Ratio	Lower	Upper
112	100		
64	62.2	54.2	81.4
63	34.6	28.4	42.6



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: 138.31 ng

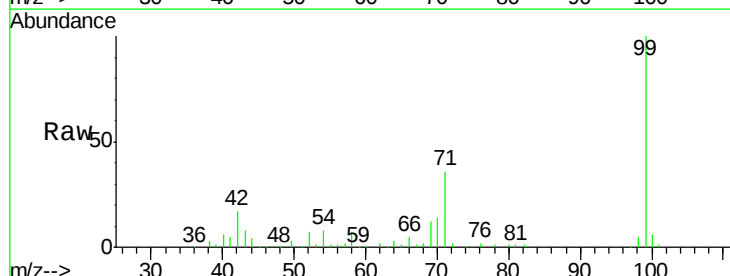
RT: 7.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077019.D

Acq: 22 Jan 2015 19:04

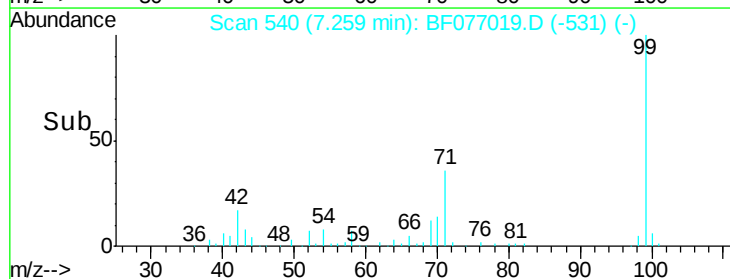
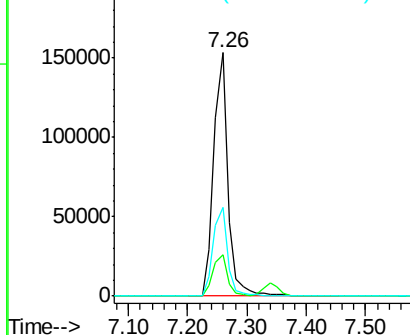
Tgt Ion:	99	Resp:	254397
Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.0	22.4
71	36.4	30.5	45.7

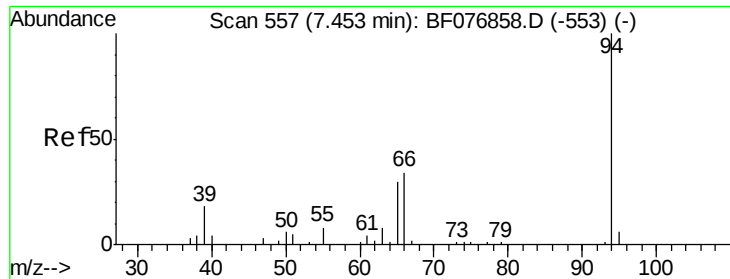


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

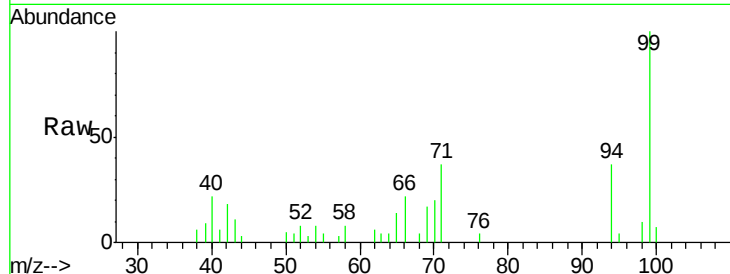




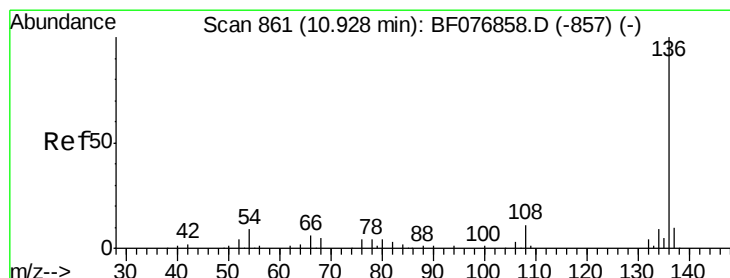
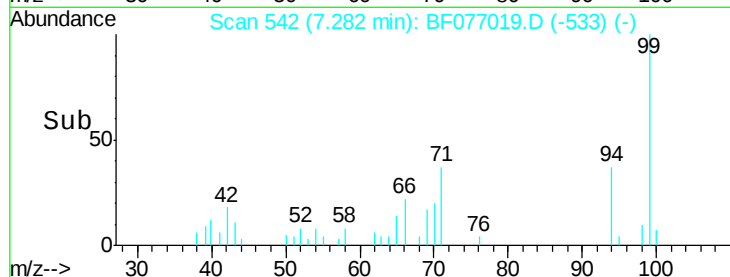
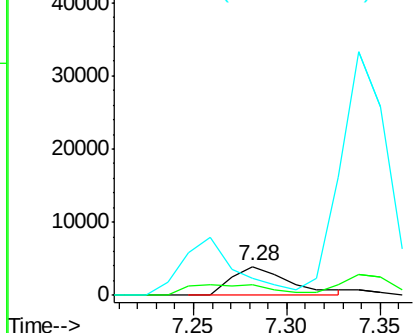
#10
Phenol
Concen: 4.26 ng
RT: 7.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF077019.D
Acq: 22 Jan 2015 19:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 8320
Ion Ratio Lower Upper
94 100
65 37.7 11.3 51.3
66 60.0 19.5 59.5#

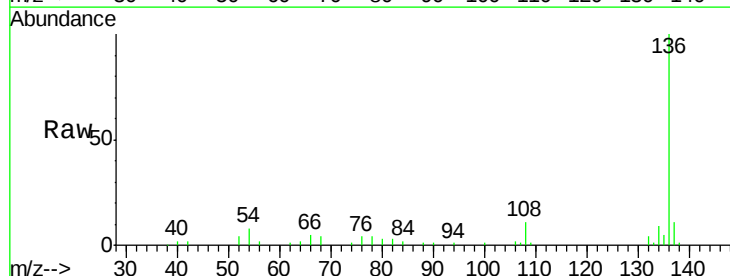


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

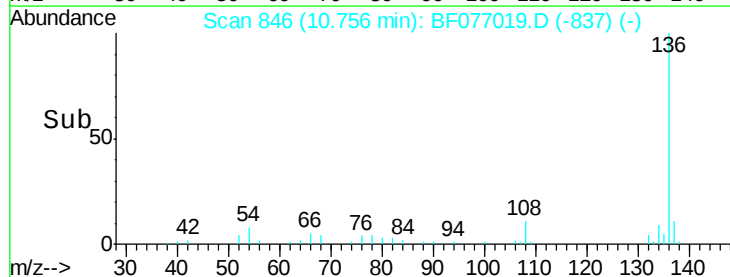
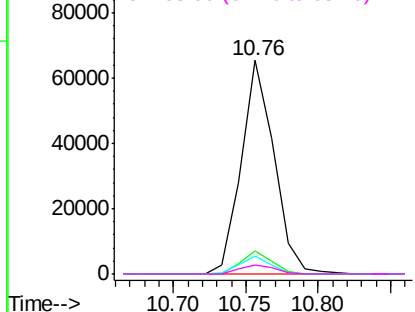


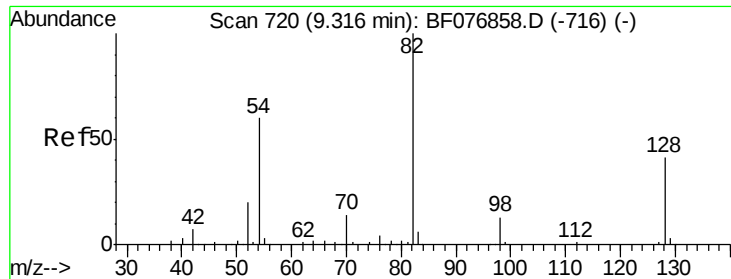
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077019.D
Acq: 22 Jan 2015 19:04

Tgt Ion: 136 Resp: 102518
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.5 7.0 10.4
68 4.4 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

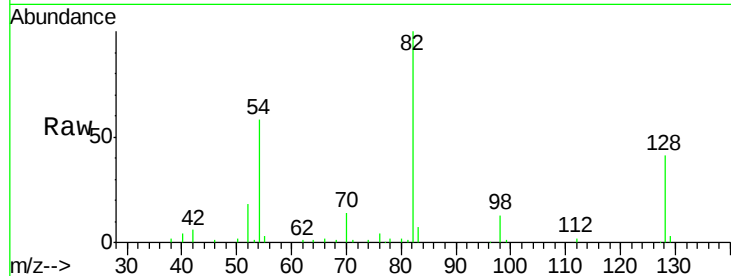




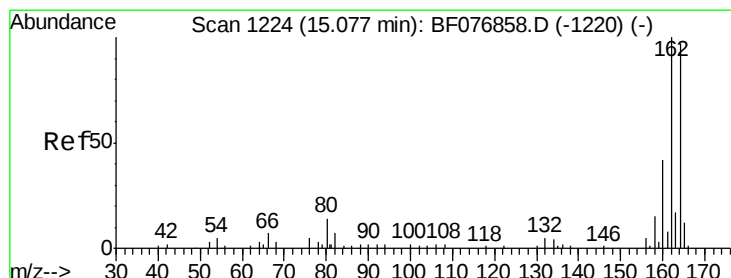
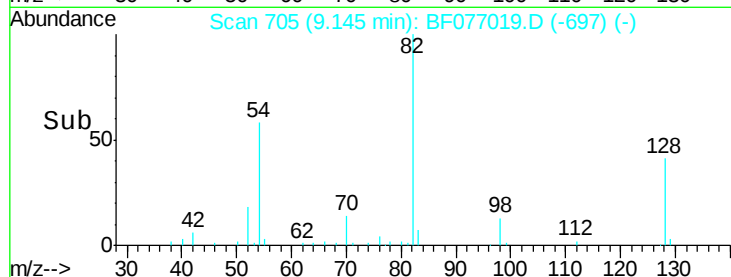
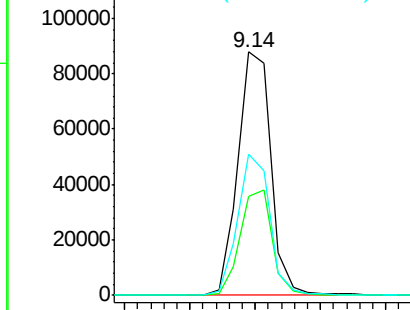
#23
 Nitrobenzene-d5
 Concen: 83.77 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF077019.D
 Acq: 22 Jan 2015 19:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	155013
Ion Ratio	100	Lower	Upper
128	40.6	33.1	49.7
54	58.2	48.3	72.5

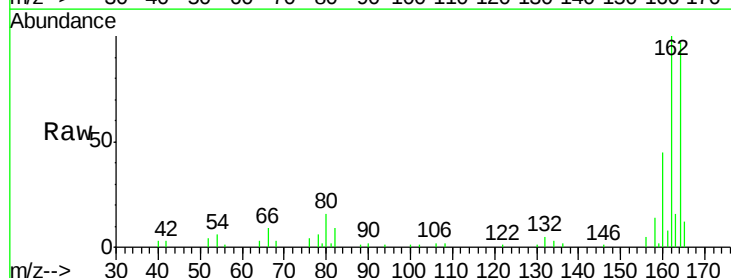


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

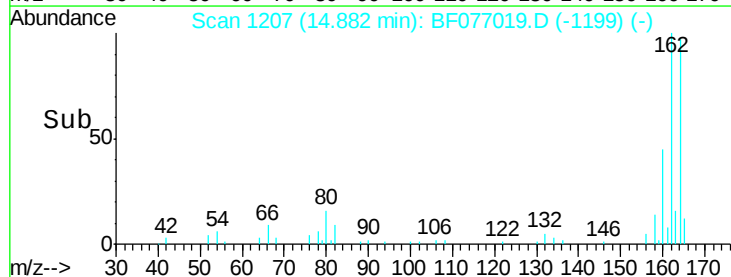
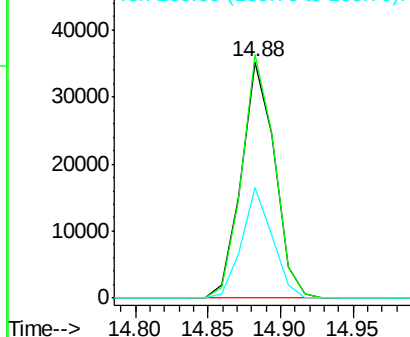


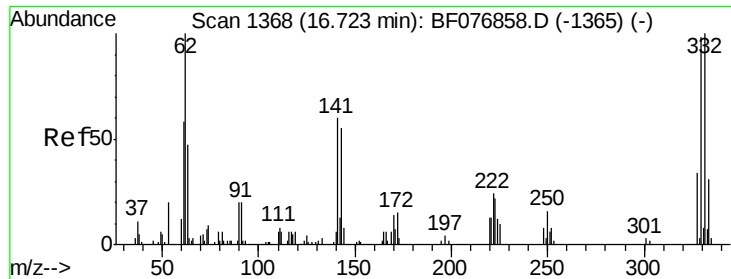
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077019.D
 Acq: 22 Jan 2015 19:04

Tgt Ion	164	Resp	56237
Ion Ratio	100	Lower	Upper
162	103.2	82.4	123.6
160	46.8	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

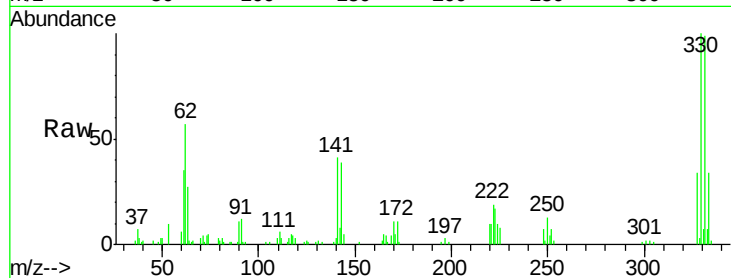




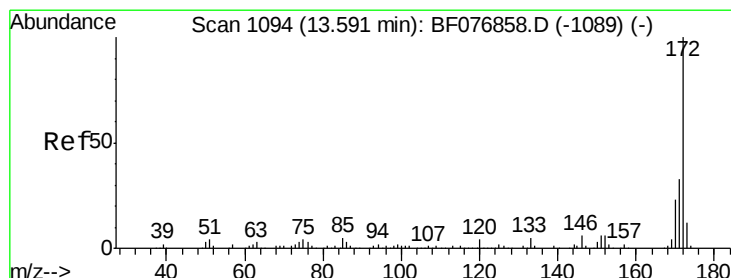
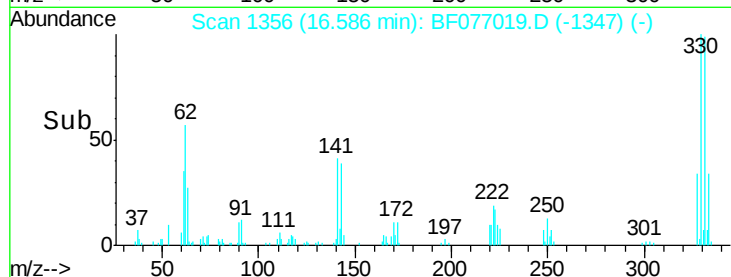
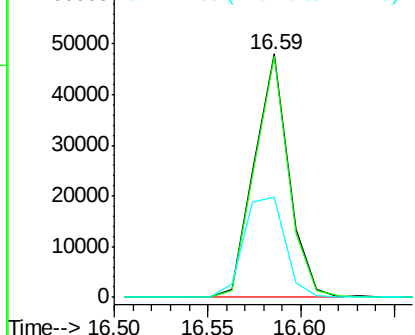
#41
 2,4,6-Tribromophenol
 Concen: 134.42 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF077019.D
 Acq: 22 Jan 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 61362
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.8 116.6
 141 49.5 38.5 57.7

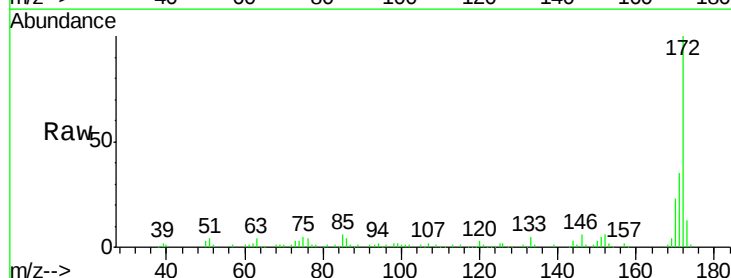


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

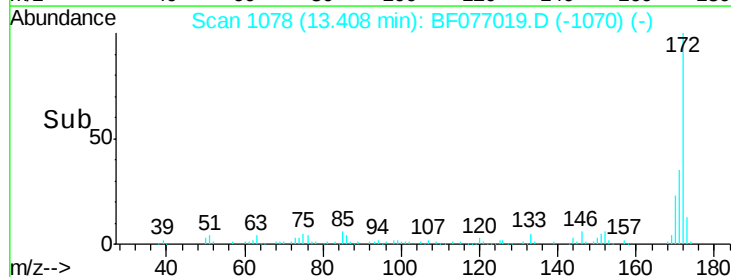
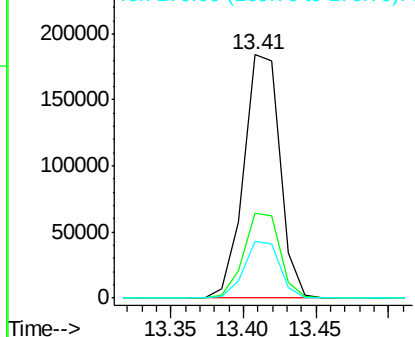


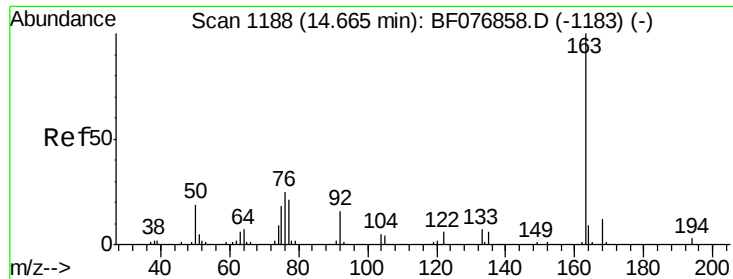
#44
 2-Fluorobiphenyl
 Concen: 86.61 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077019.D
 Acq: 22 Jan 2015 19:04

Tgt Ion:172 Resp: 320075
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 23.3 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: 5.07 ng

RT: 14.48 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF077019.D

Acq: 22 Jan 2015 19:04

Instrument :

BNA_F

ClientSampleId :

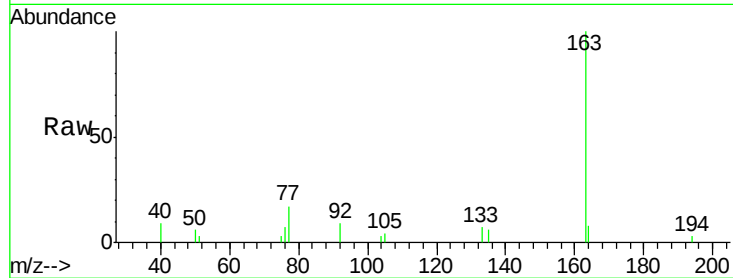
Tot Ion:163 Resp: 20238

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

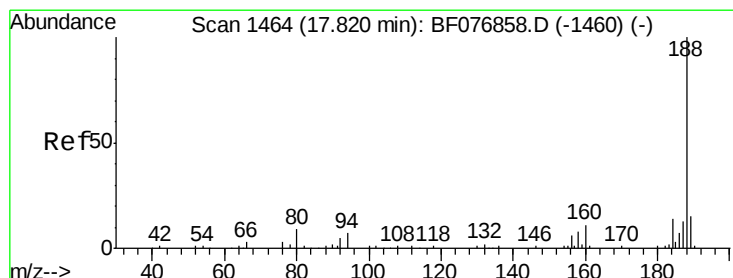
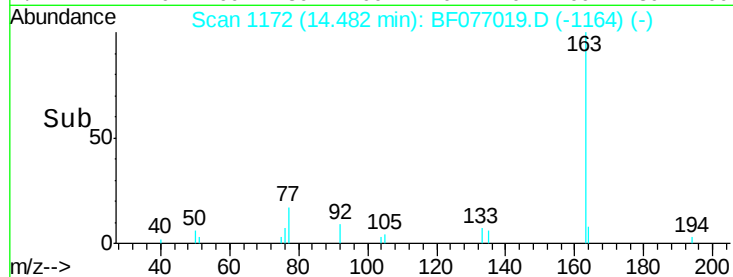
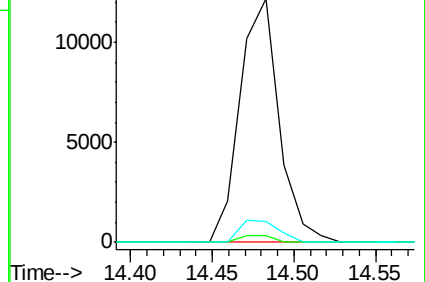
164 8.4 7.5 11.3



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: 17.69 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF077019.D

Acq: 22 Jan 2015 19:04

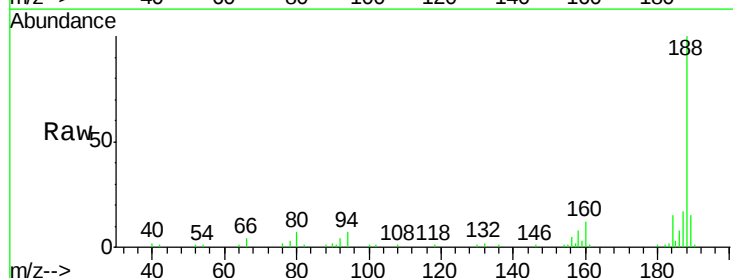
Tgt Ion:188 Resp: 92015

Ion Ratio Lower Upper

188 100

94 7.0 6.0 9.0

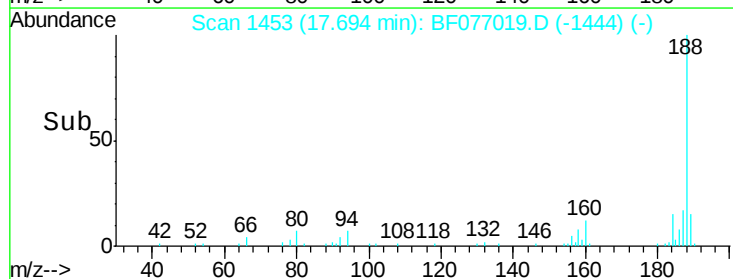
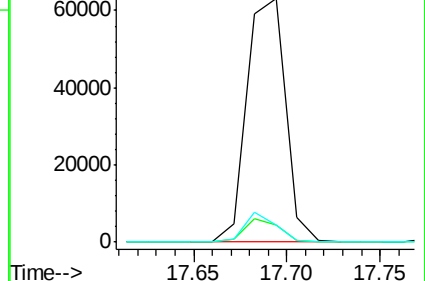
80 7.1 6.9 10.3

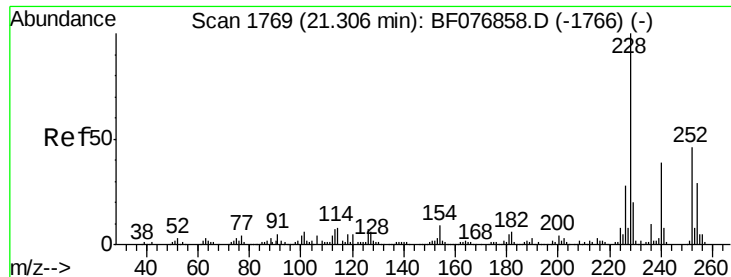


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

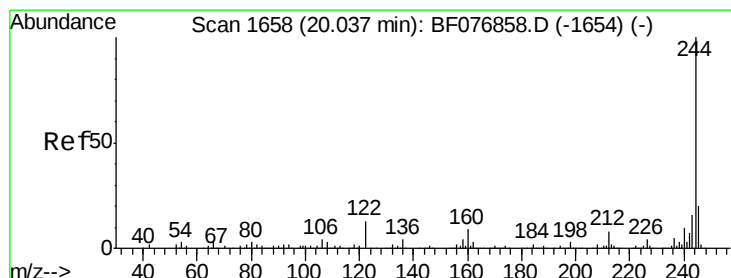
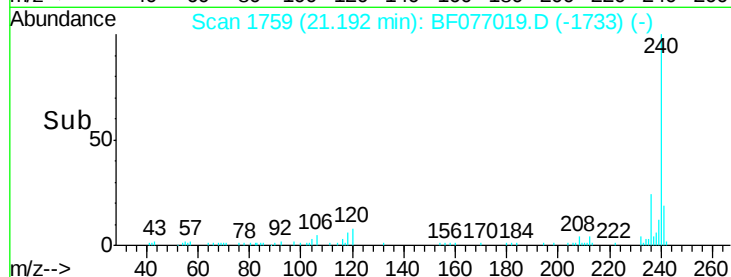
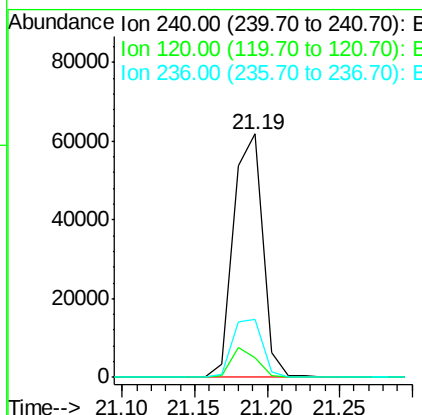
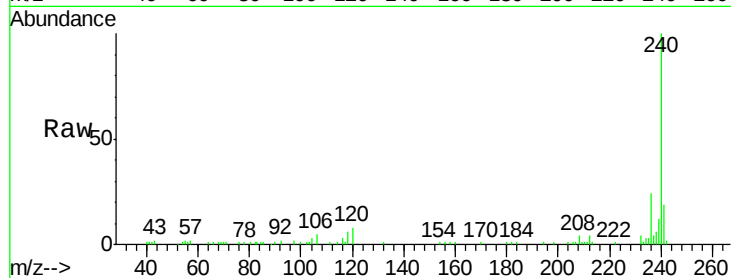




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.19 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BF077019.D
 Acq: 22 Jan 2015 19:04

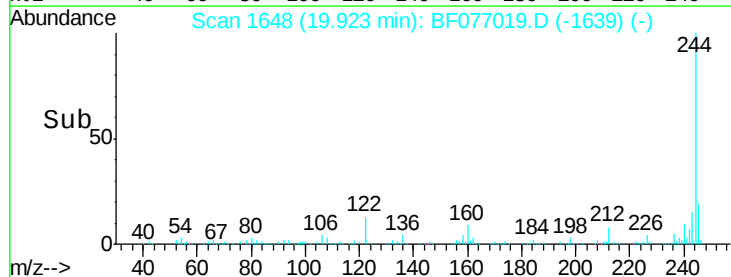
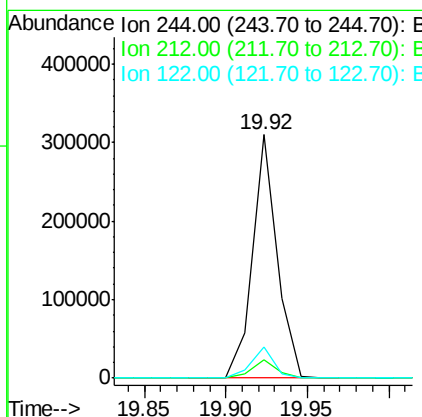
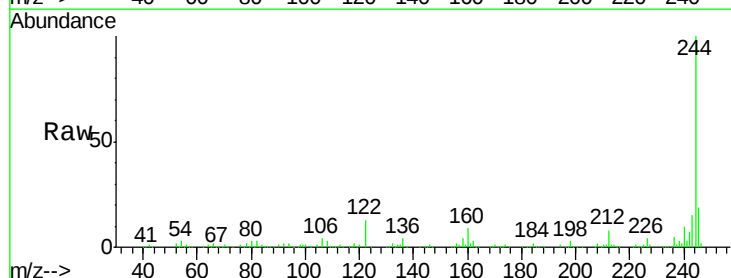
Instrument :
 BNA_F
 ClientSampleId :

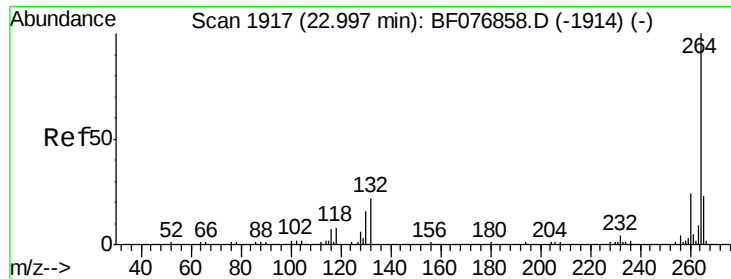
Tot Ion:240 Resp: 86516
 Ion Ratio Lower Upper
 240 100
 120 7.9 10.4 15.6#
 236 23.9 20.2 30.2



#78
 Terphenyl-d14
 Concen: 86.33 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF077019.D
 Acq: 22 Jan 2015 19:04

Tgt Ion:244 Resp: 324411
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 12.7 10.1 15.1

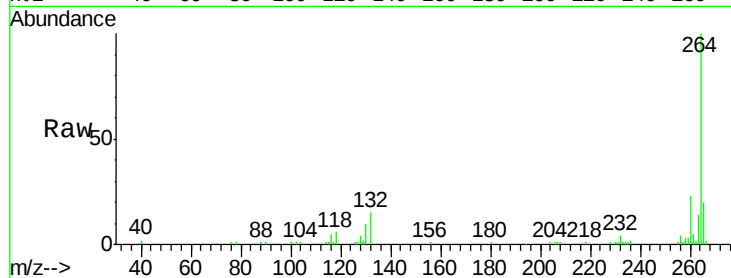




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.84 min Scan# 1903
 Delta R.T. -0.05 min
 Lab File: BF077019.D
 Acq: 22 Jan 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 80414
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 19.6 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

