

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100039.D
 Acq On : 1 Nov 2017 10:17
 Operator : SJ/JU
 Sample : I6092-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARLLS-PATH-WEST-COMP(0-3)

Quant Time: Nov 01 11:17:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

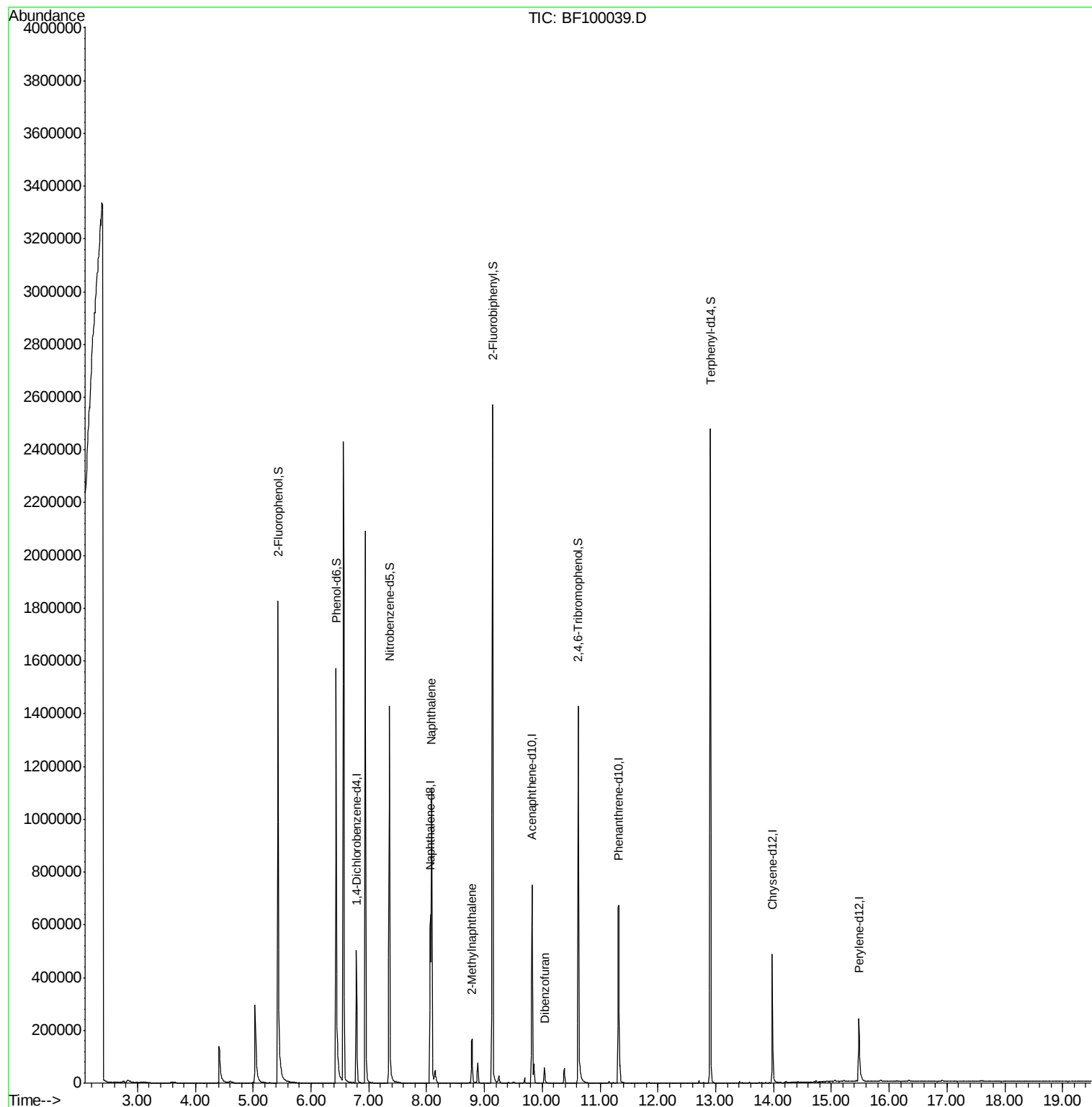
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87196	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	354908	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	167767	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	291157	20.00	ng	0.00
75) Chrysene-d12	13.98	240	185065	20.00	ng	0.00
86) Perylene-d12	15.47	264	149499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	718085	129.29	ng	0.02
7) Phenol-d6	6.43	99	776045	117.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	543198	98.54	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	221772	145.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1135885	104.46	ng	0.00
78) Terphenyl-d14	12.91	244	921950	108.87	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	653242	38.131	ng	100
37) 2-Methylnaphthalene	8.79	142	60477	5.268	ng	96
54) Dibenzofuran	10.04	168	33388	2.280	ng	96

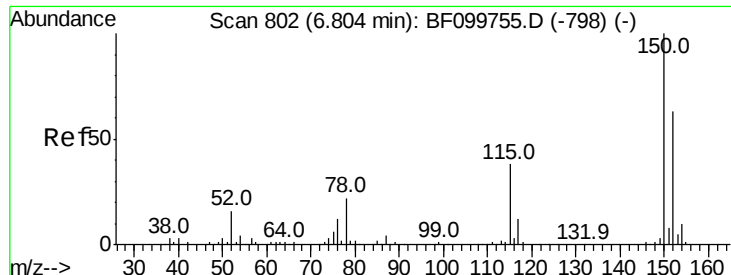
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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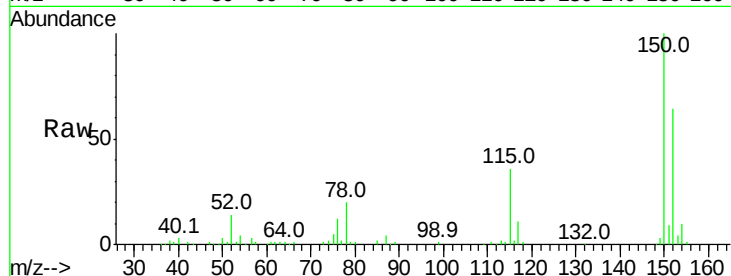


#1

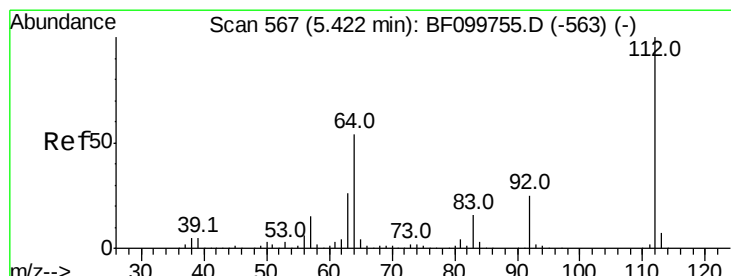
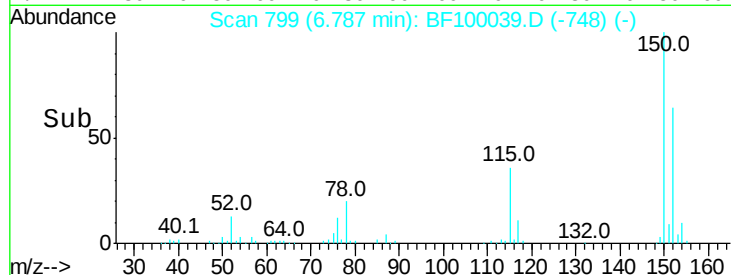
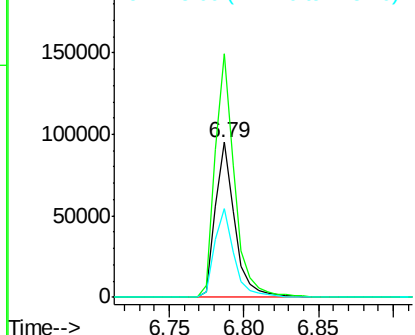
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Instrument :
 BNA_F
 ClientSampleId :
 CARLLS-PATH-WEST-COMP(0-3)

Tot Ion:152 Resp: 87196
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 57.2 50.1 75.1



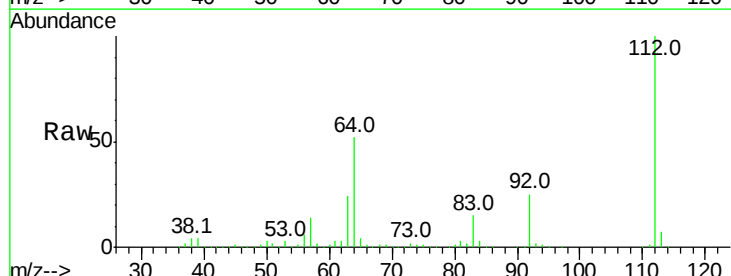
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



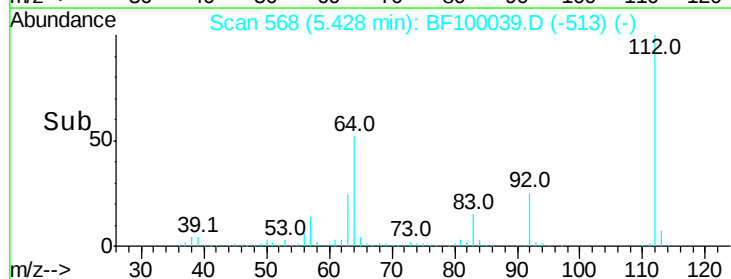
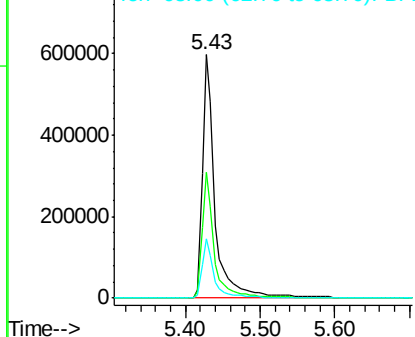
#5

2-Fluorophenol
 Concen: 129.291 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Tgt Ion:112 Resp: 718085
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 24.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 117.842 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100039.D

Acq: 1 Nov 2017 10:17

Instrument :

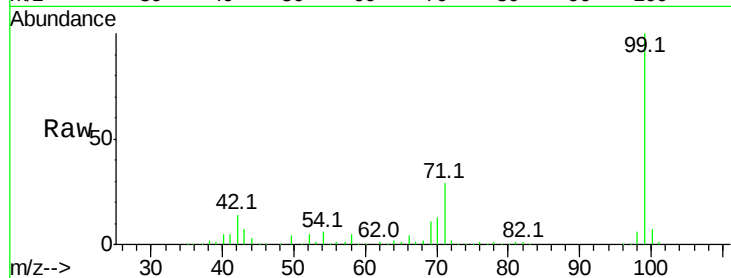
BNA_F

ClientSampleId :

CARLLS-PATH-WEST-COMP(0-3)

Tot Ion: 99 Resp: 776045

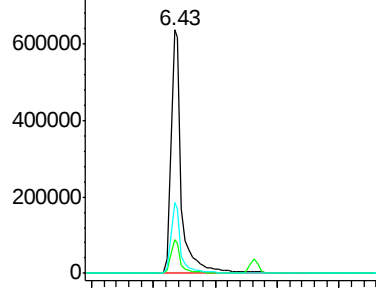
Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	29.1	25.4	38.0



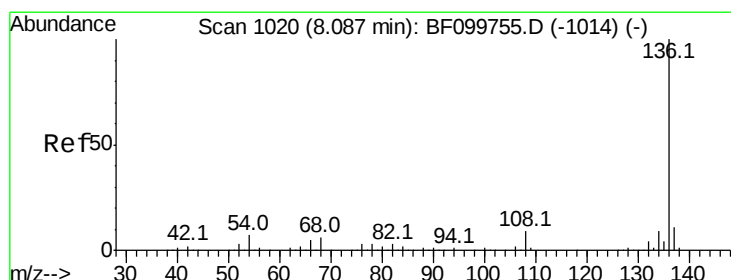
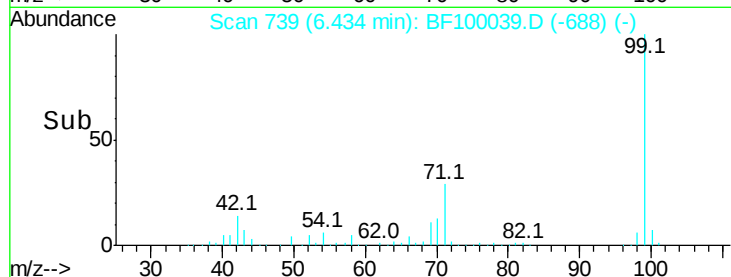
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time--> 6.30 6.40 6.50 6.60 6.70



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

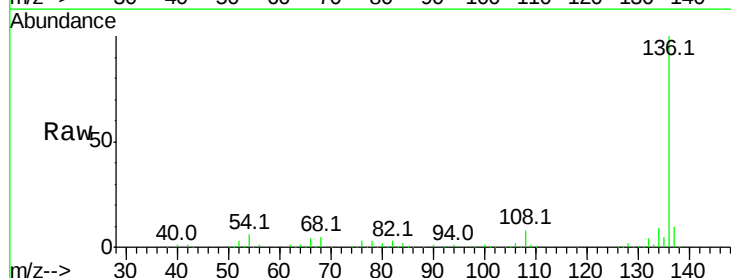
Delta R.T. 0.00 min

Lab File: BF100039.D

Acq: 1 Nov 2017 10:17

Tgt Ion: 136 Resp: 354908

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.0	6.6	9.8#
68	5.0	5.0	7.4

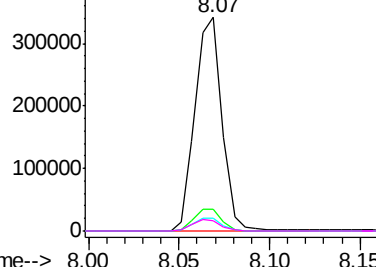


Abundance Ion 136.00 (135.70 to 136.70): E

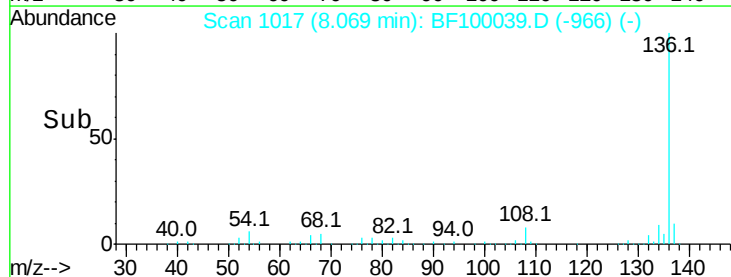
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.05 8.10 8.15

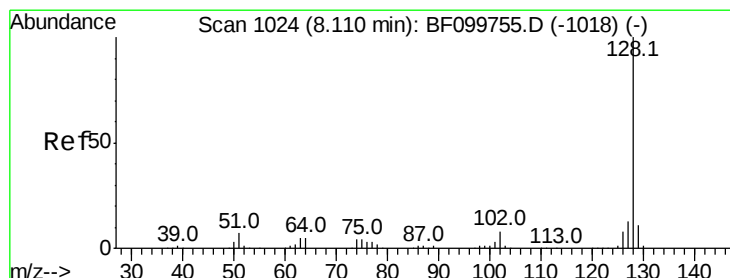
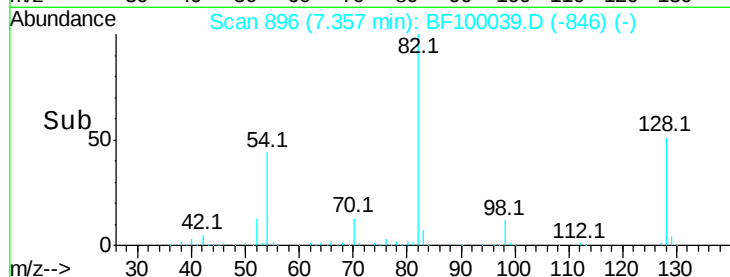
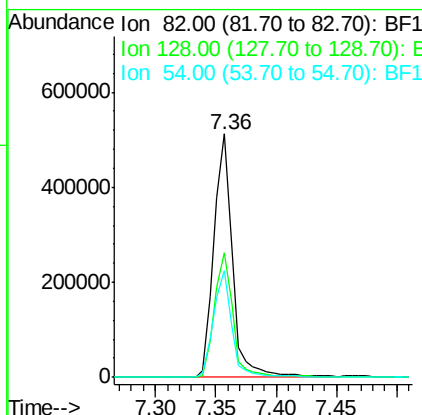
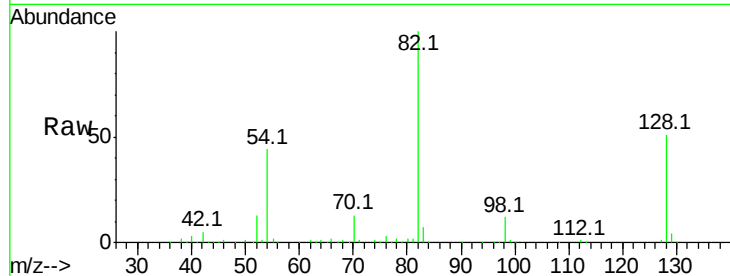




#23
 Nitrobenzene-d5
 Concen: 98.536 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

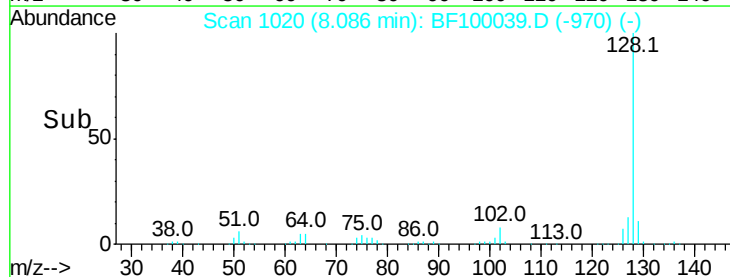
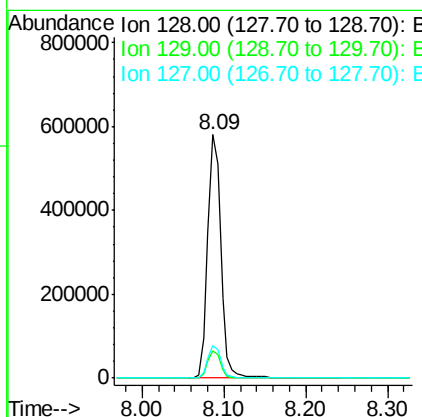
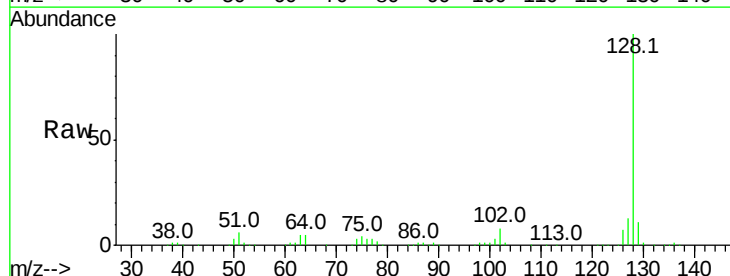
Instrument :
 BNA_F
 ClientSampleId :
 CARLLS-PATH-WEST-COMP(0-3)

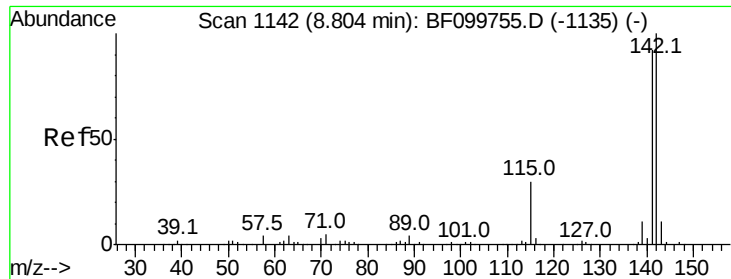
Tot Ion: 82 Resp: 543198
 Ion Ratio Lower Upper
 82 100
 128 51.4 36.1 54.1
 54 43.8 41.4 62.2



#31
 Naphthalene
 Concen: 38.131 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Tgt Ion: 128 Resp: 653242
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.8 13.2
 127 13.5 10.9 16.3

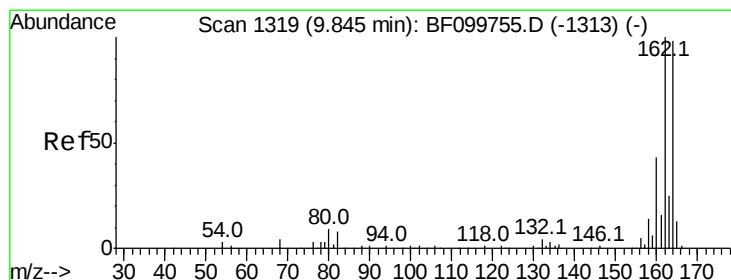
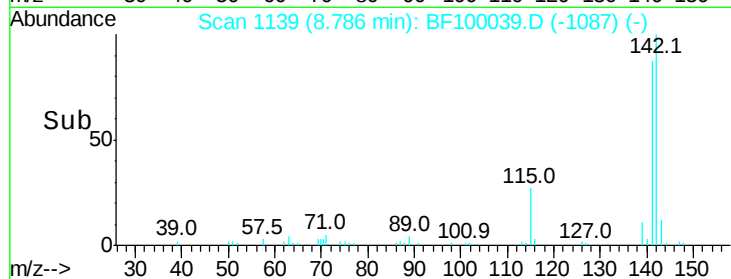
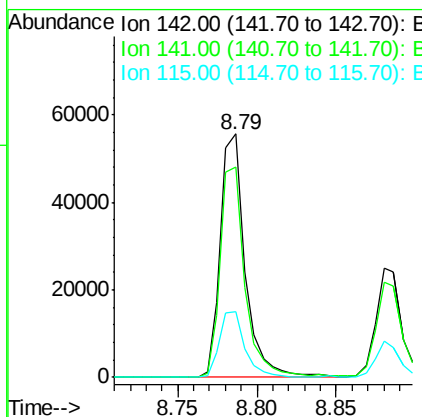
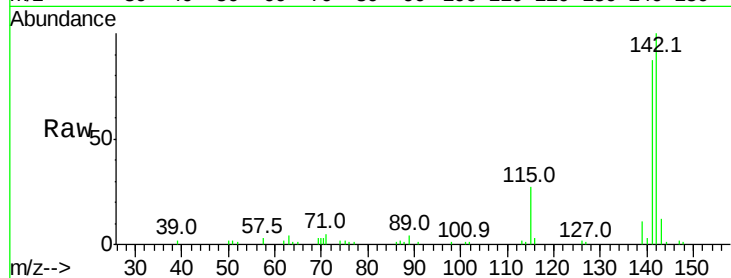




#37
 2-Methylnaphthalene
 Concen: 5.268 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

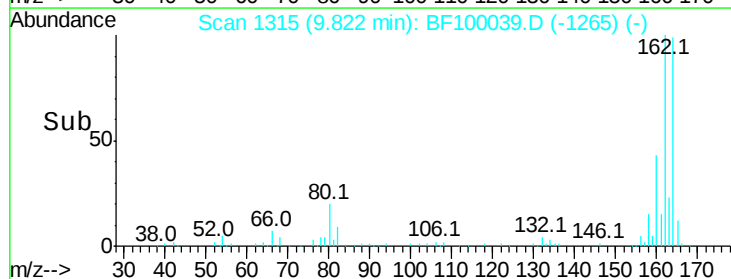
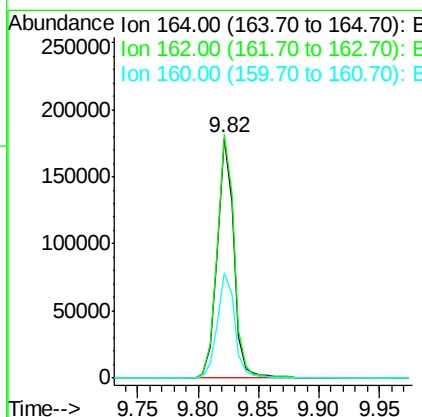
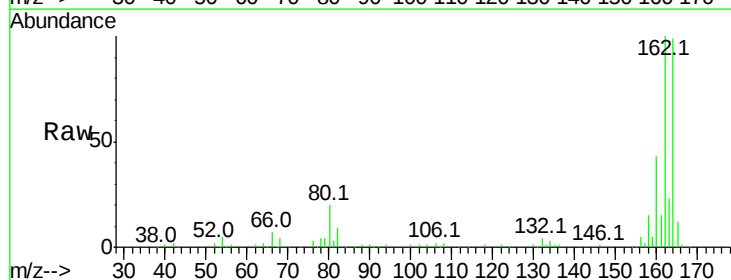
Instrument :
 BNA_F
 ClientSampleId :
 CARLLS-PATH-WEST-COMP(0-3)

Tot Ion:142 Resp: 60477
 Ion Ratio Lower Upper
 142 100
 141 86.5 70.8 106.2
 115 27.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Tgt Ion:164 Resp: 167767
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 43.8 38.3 57.5

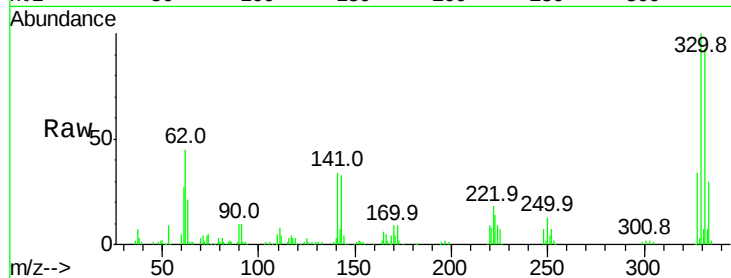




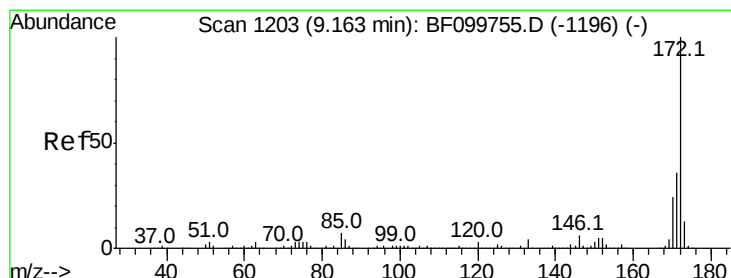
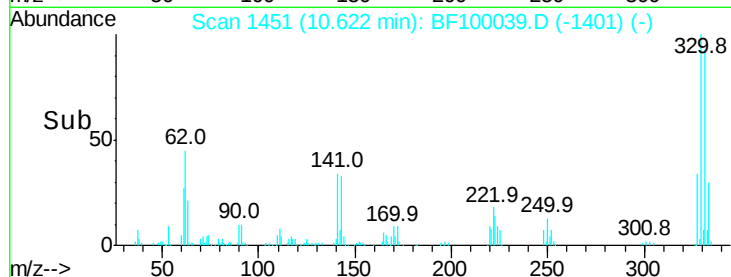
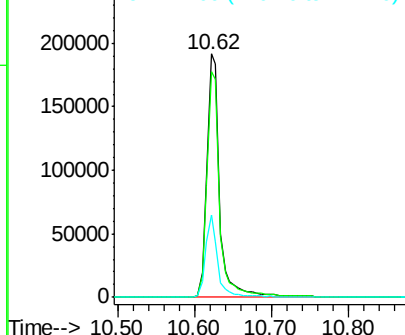
#41
 2,4,6-Tribromophenol
 Concen: 145.054 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Instrument :
 BNA_F
 ClientSampleId :
 CARLLS-PATH-WEST-COMP(0-3)

Tot Ion:330 Resp: 221772
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 32.7 29.9 44.9

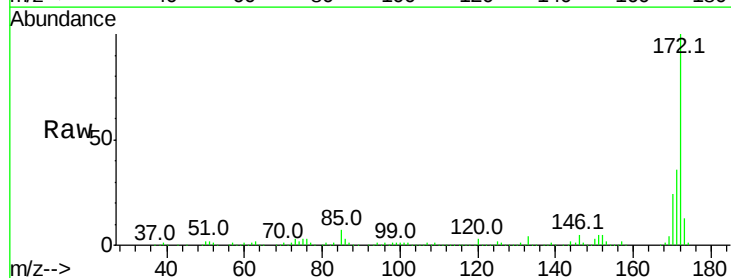


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

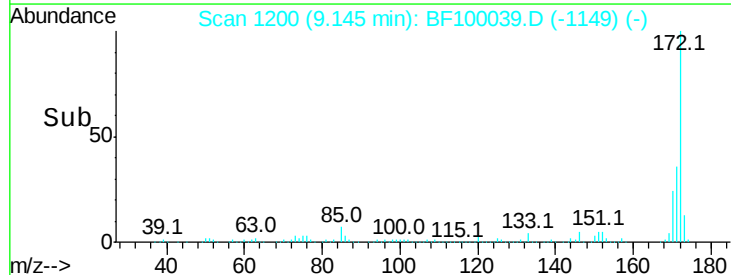
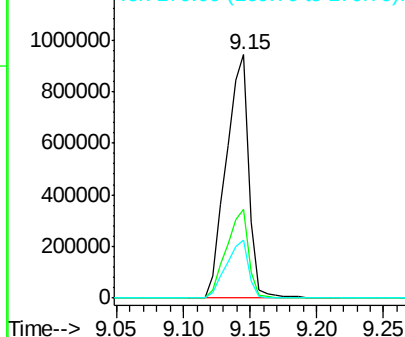


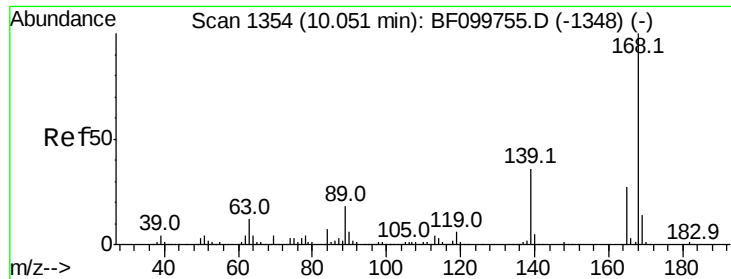
#44
 2-Fluorobiphenyl
 Concen: 104.460 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Tgt Ion:172 Resp: 1135885
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 19.6 29.4



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

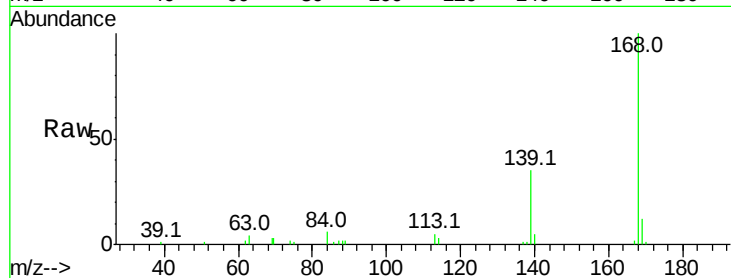




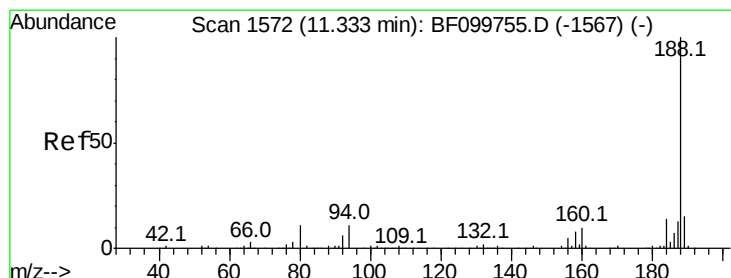
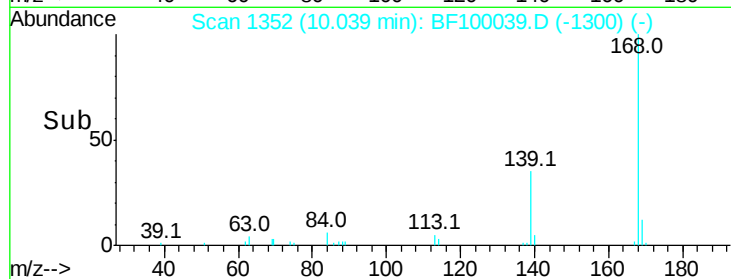
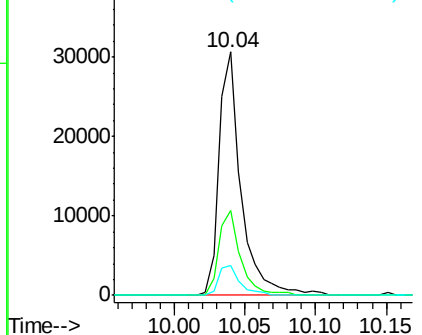
#54
 Dibenzofuran
 Concen: 2.280 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Instrument :
 BNA_F
 ClientSampleId :
 CARLLS-PATH-WEST-COMP(0-3)

Tot Ion:168 Resp: 33388
 Ion Ratio Lower Upper
 168 100
 139 34.9 30.1 45.1
 169 12.4 10.9 16.3

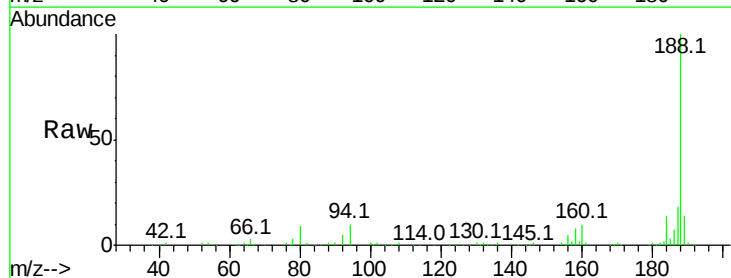


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

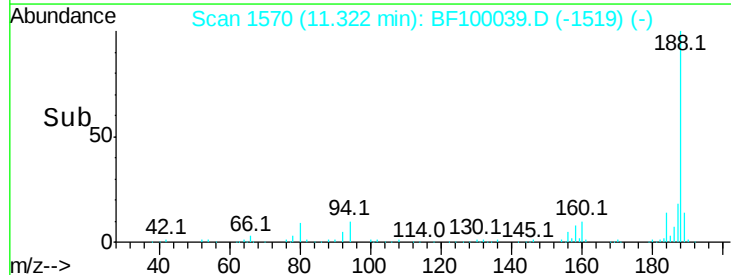
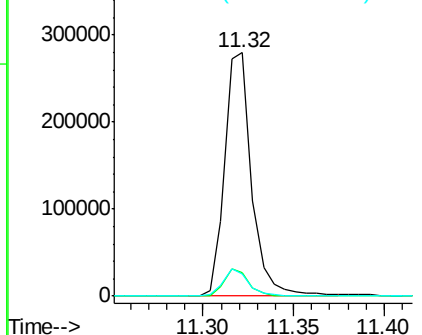


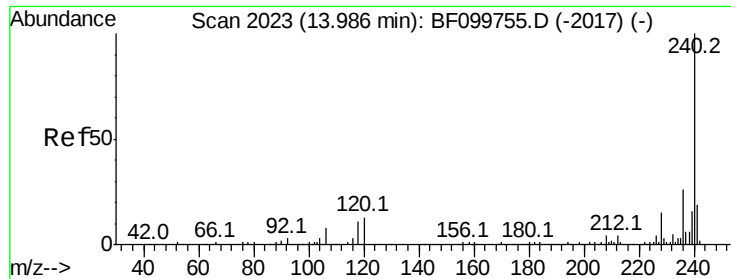
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Tgt Ion:188 Resp: 291157
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 9.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

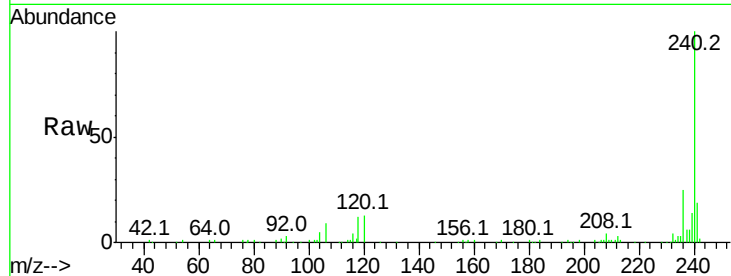




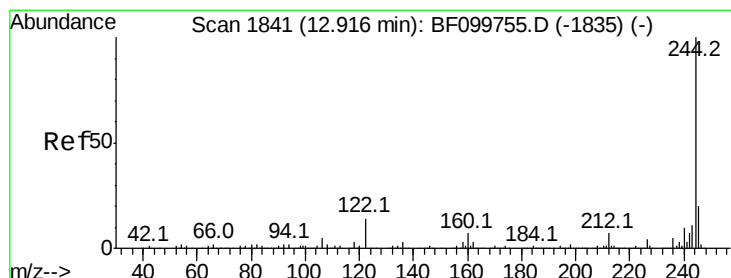
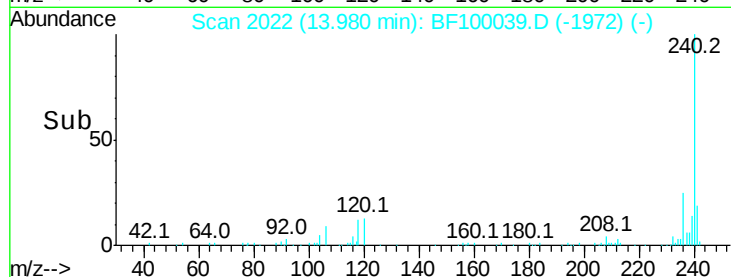
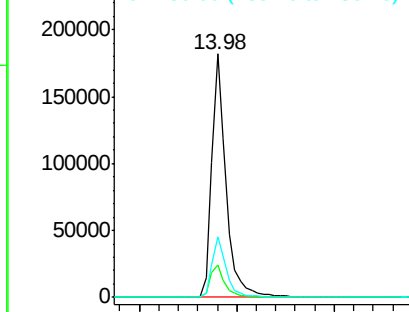
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Instrument :
 BNA_F
 ClientSampleId :
 CARLLS-PATH-WEST-COMP(0-3)

Tot Ion:240 Resp: 185065
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.5 14.3
 236 24.7 20.7 31.1

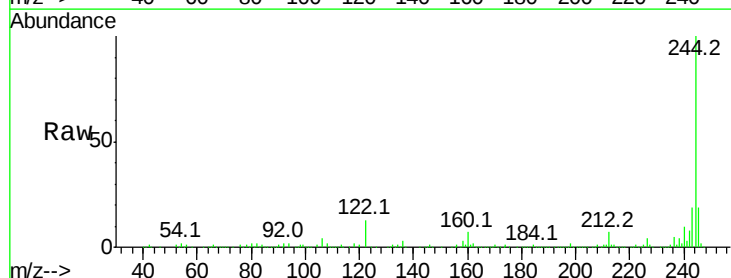


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

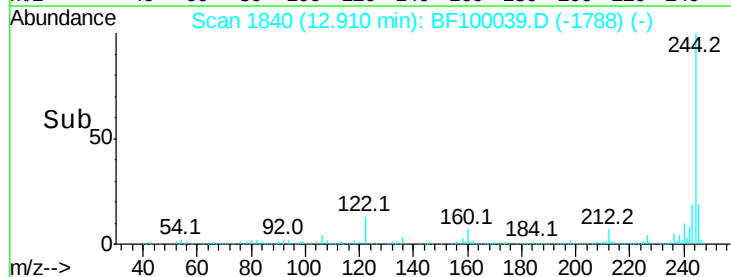
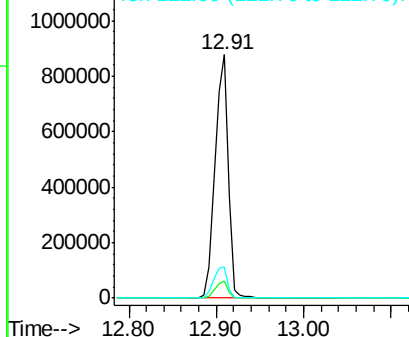


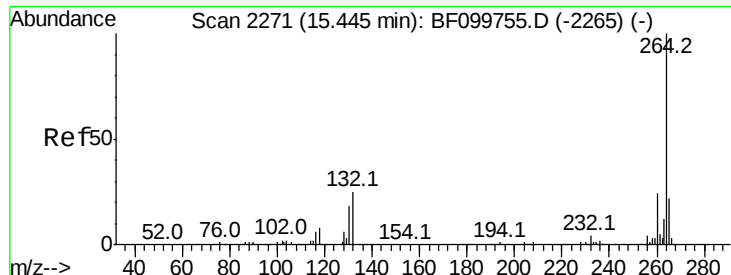
#78
 Terphenyl-d14
 Concen: 108.870 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100039.D
 Acq: 1 Nov 2017 10:17

Tgt Ion:244 Resp: 921950
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.7 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: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :
CARLLS-PATH-WEST-COMP(0-3)

Tot Ion:264 Resp: 149499
Ion Ratio Lower Upper
264 100
260 21.8 19.2 28.8
265 22.3 17.5 26.3

