

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110741.D
 Acq On : 14 Nov 2018 1:23
 Operator : JU/SJ
 Sample : J5921-08 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-UST-MIDDLE

Quant Time: Nov 14 07:02:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

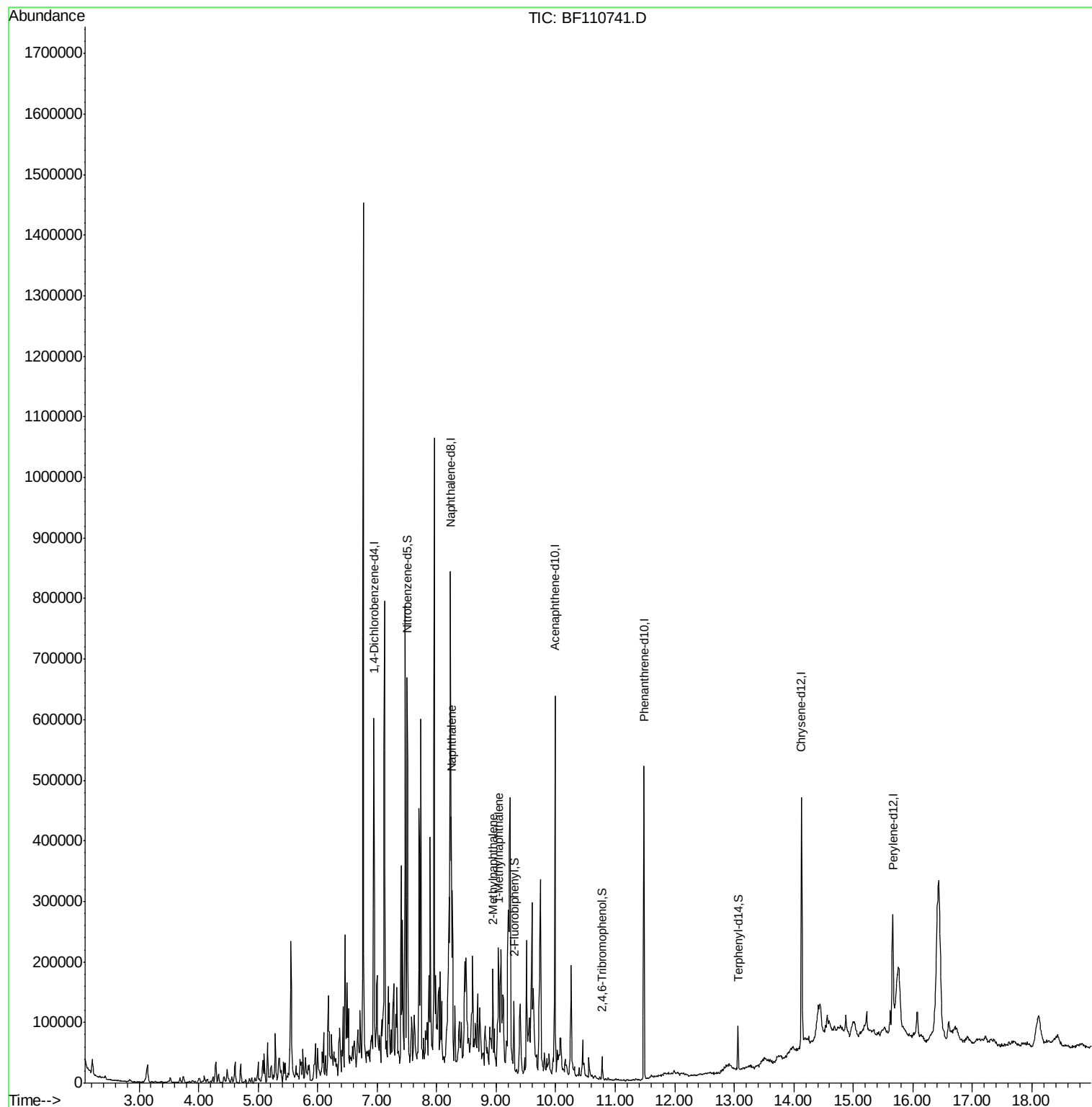
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76576	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	291966	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	113983	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	186420	20.00	ng	0.00
76) Chrysene-d12	14.13	240	157536	20.00	ng	-0.01
87) Perylene-d12	15.66	264	100924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	7260	1.54	ng	0.01
7) Phenol-d6	6.58	99	7680	1.27	ng	0.00
23) Nitrobenzene-d5	7.51	82	14796	2.92	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	4614	4.02	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	32741	4.10	ng	0.00
79) Terphenyl-d14	13.06	244	28056	3.34	ng	0.00
Target Compounds						
31) Naphthalene	8.25	128	130289	9.506	ng	98
37) 2-Methylnaphthalene	8.94	142	31728	3.531	ng	98
38) 1-Methylnaphthalene	9.04	142	25044	2.898	ng	# 97

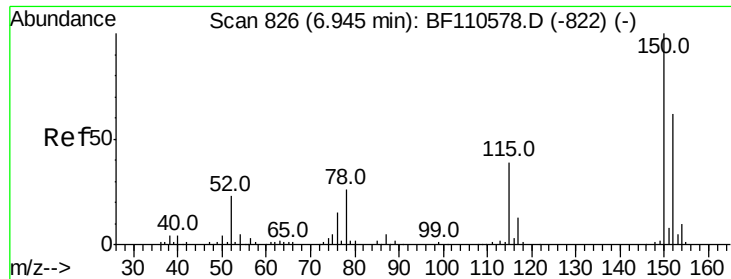
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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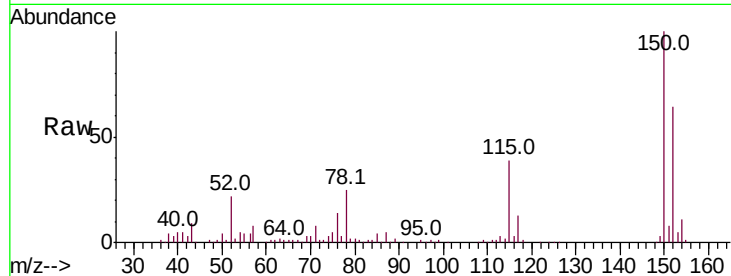


#1

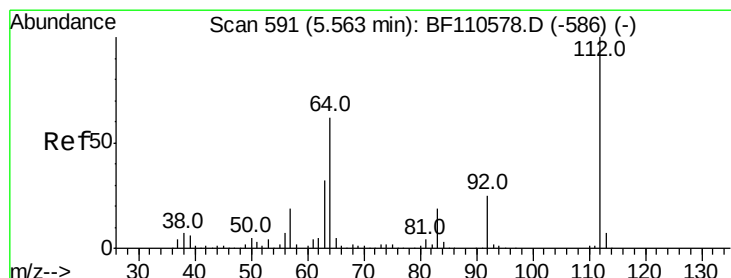
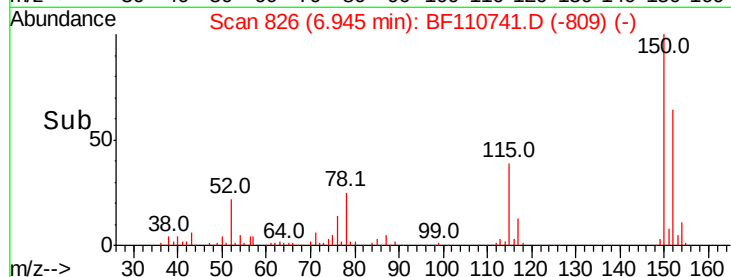
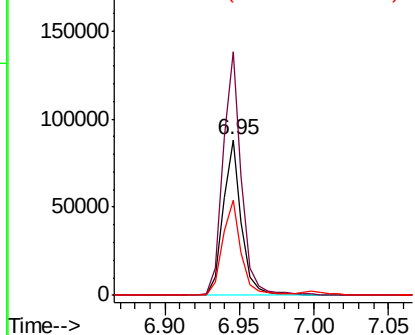
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tot Ion:152 Resp: 76576
Ion Ratio Lower Upper
152 100
150 156.6 122.7 184.1
115 61.6 49.1 73.7



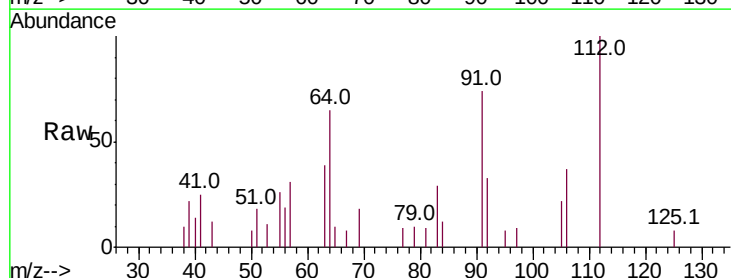
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



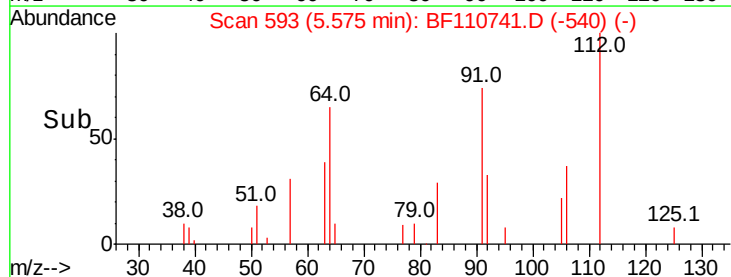
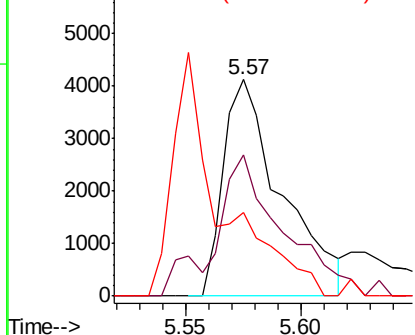
#5

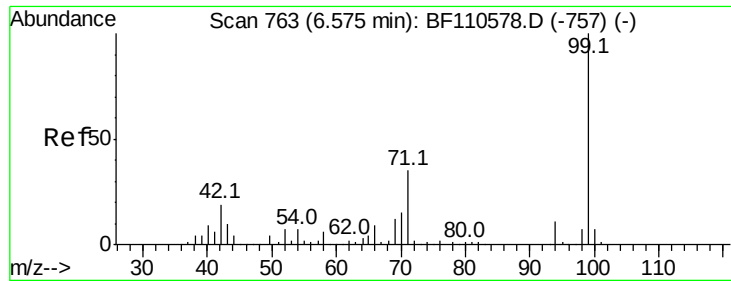
2-Fluorophenol
Concen: 1.540 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:112 Resp: 7260
Ion Ratio Lower Upper
112 100
64 65.4 44.1 66.1
63 38.9 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: 1.274 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110741.D

Acq: 14 Nov 2018 1:23

Instrument :

BNA_F

ClientSampleId :

SP-UST-MIDDLE

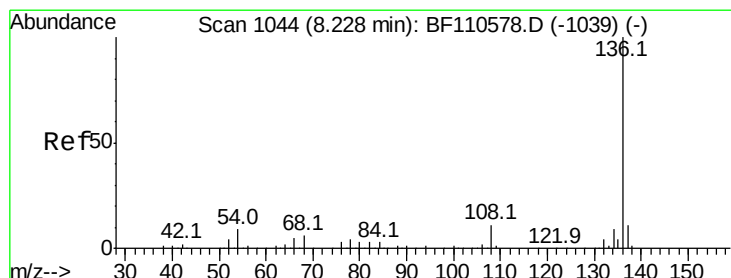
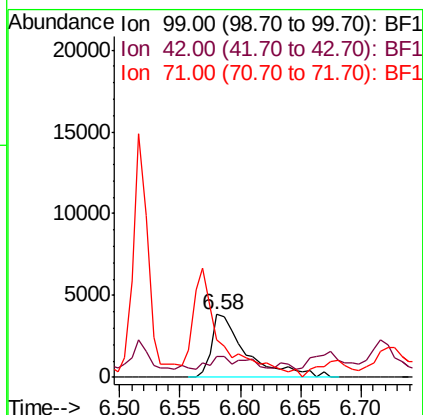
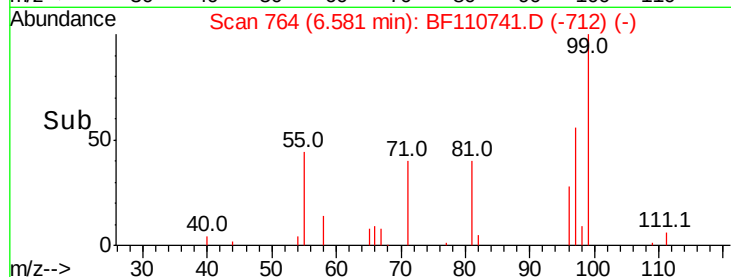
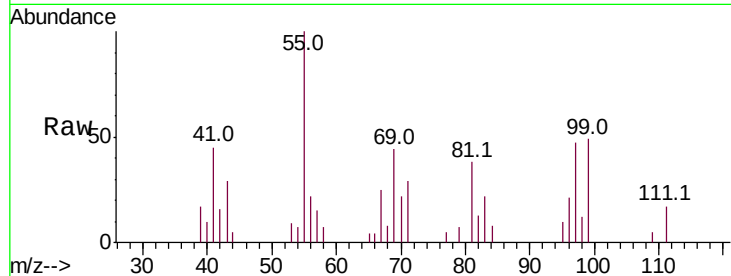
Tot Ion: 99 Resp: 7680

Ion Ratio Lower Upper

99 100

42 32.7 15.8 23.6#

71 58.5 28.0 42.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110741.D

Acq: 14 Nov 2018 1:23

Tgt Ion: 136 Resp: 291966

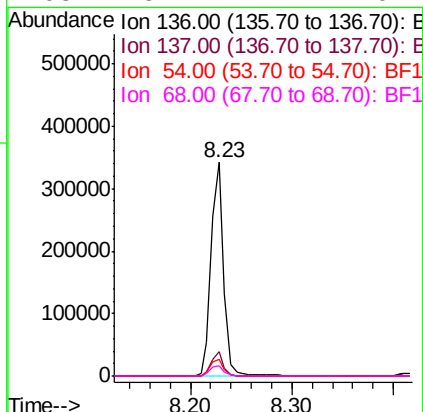
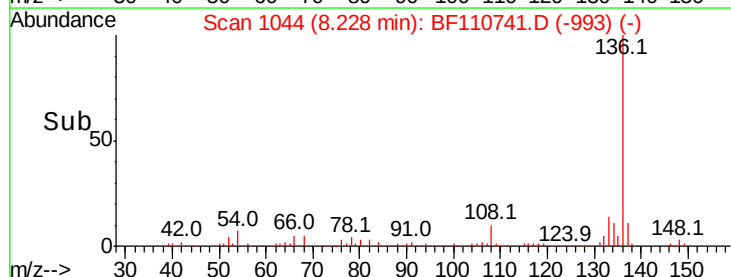
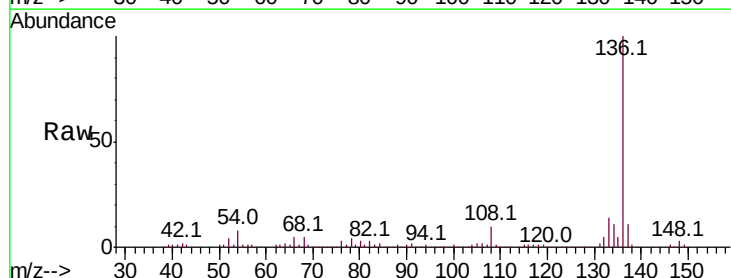
Ion Ratio Lower Upper

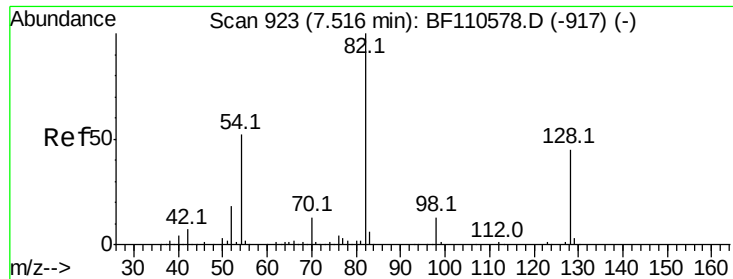
136 100

137 11.2 8.8 13.2

54 7.6 5.4 8.2

68 5.1 4.2 6.2

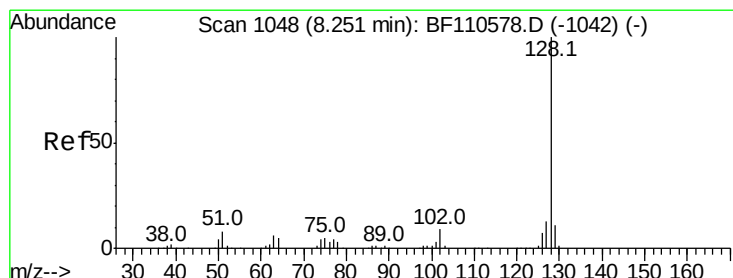
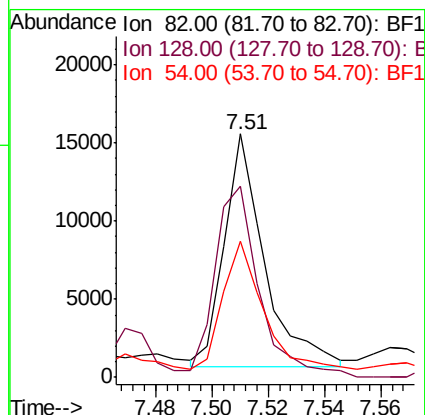
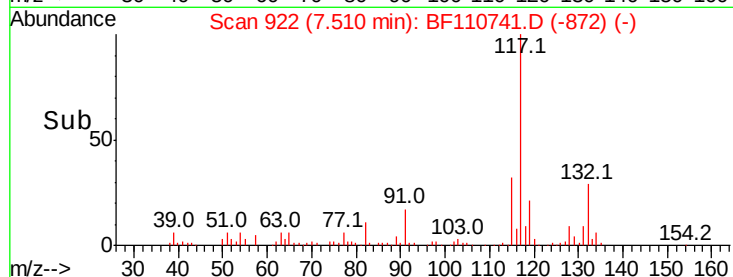
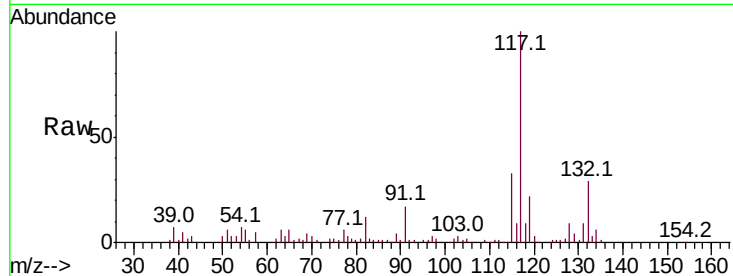




#23
 Nitrobenzene-d5
 Concen: 2.918 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110741.D
 Acq: 14 Nov 2018 1:23

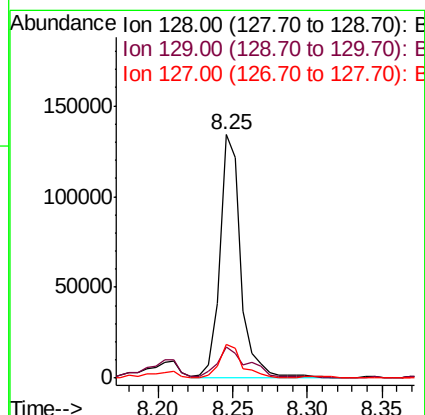
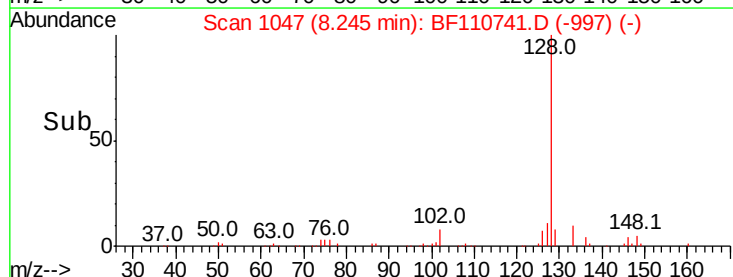
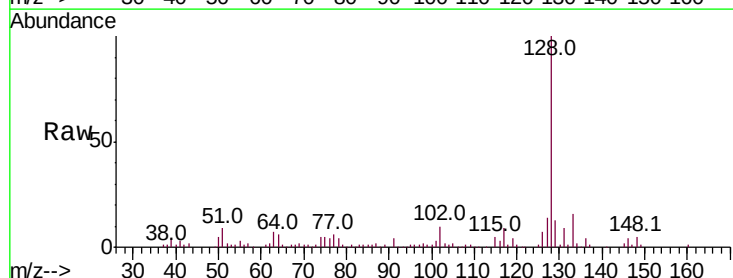
Instrument :
 BNA_F
 ClientSampleId :
 SP-UST-MIDDLE

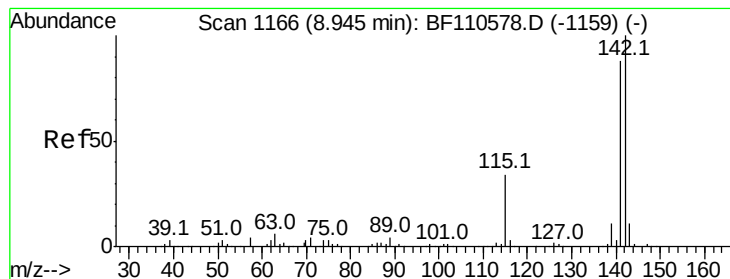
Tot Ion: 82 Resp: 14796
 Ion Ratio Lower Upper
 82 100
 128 78.7 34.2 51.2#
 54 55.8 38.6 58.0



#31
 Naphthalene
 Concen: 9.506 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF110741.D
 Acq: 14 Nov 2018 1:23

Tgt Ion: 128 Resp: 130289
 Ion Ratio Lower Upper
 128 100
 129 12.9 8.8 13.2
 127 13.6 10.8 16.2

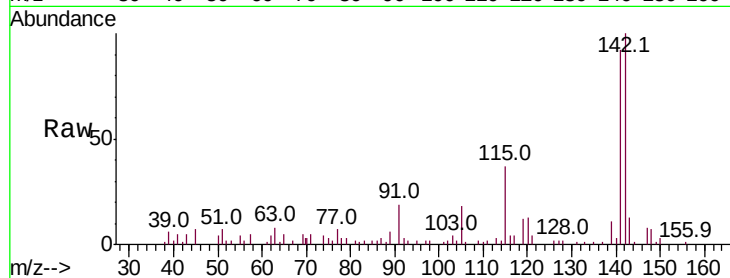




#37
2-Methylnaphthalene
Concen: 3.531 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.4	107.2
115	36.5	28.7	43.1

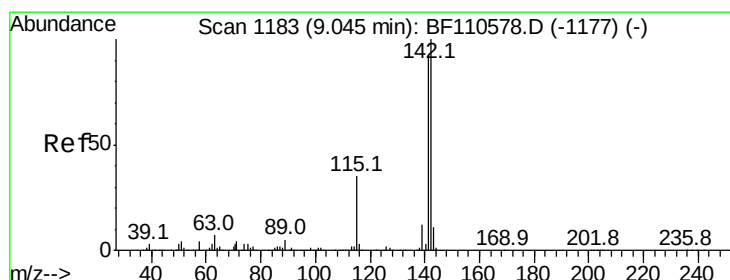
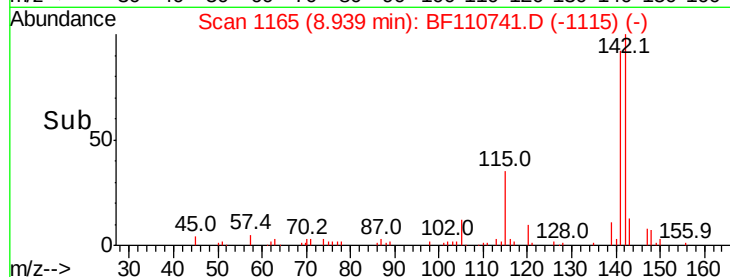
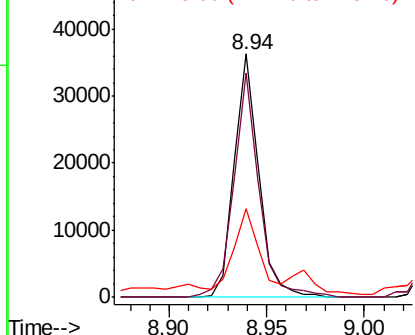


Abundance

Ion 142.00 (141.70 to 142.70): E

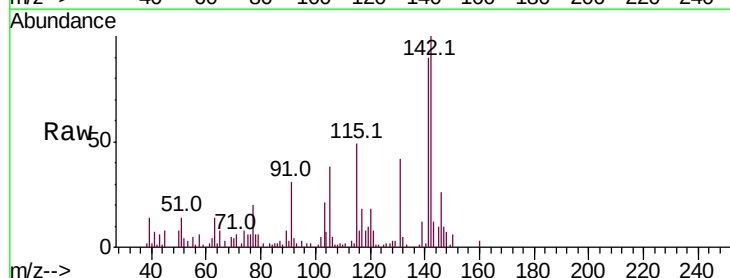
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 2.898 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.2	111.4
116	8.3	2.6	4.0#

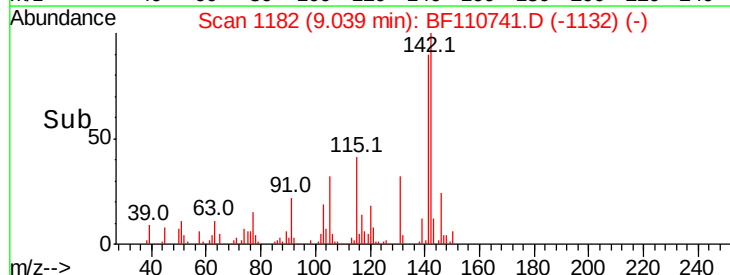
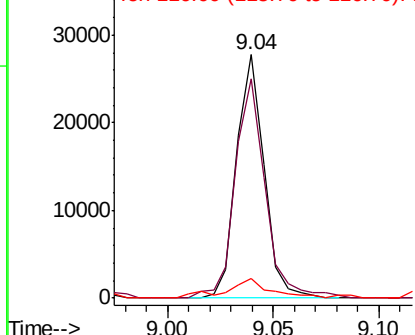


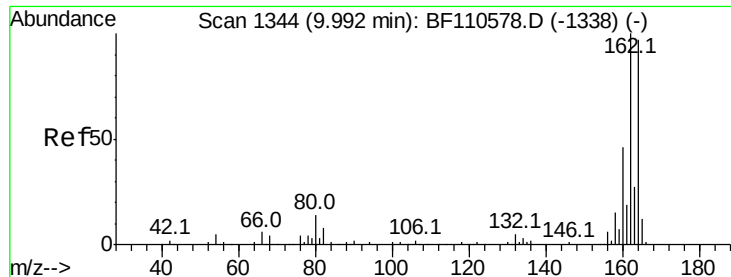
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

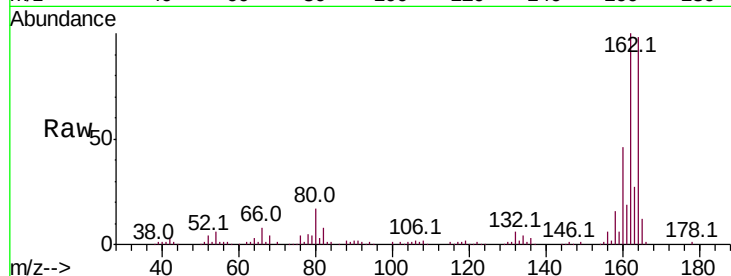




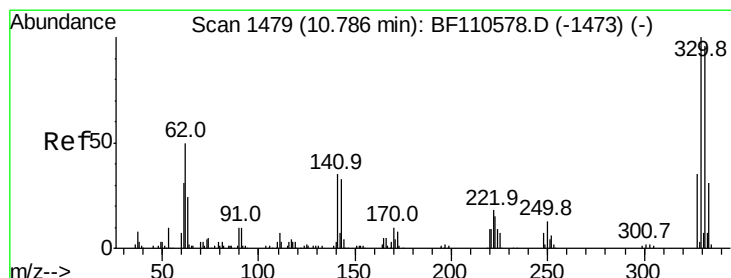
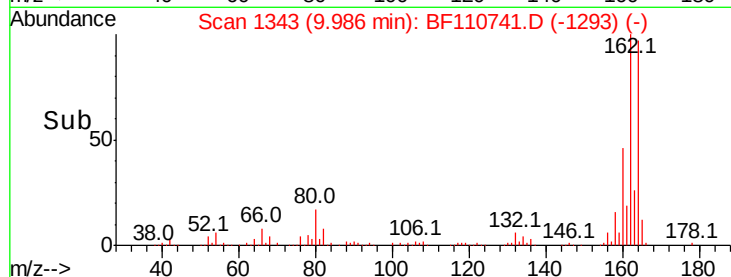
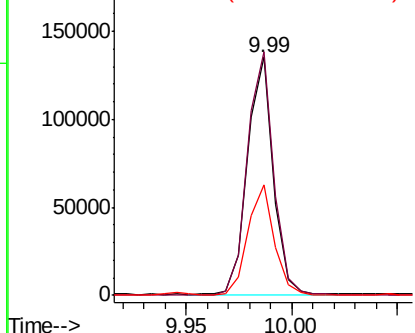
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110741.D
 Acq: 14 Nov 2018 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SP-UST-MIDDLE

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	46.6	37.0	55.6

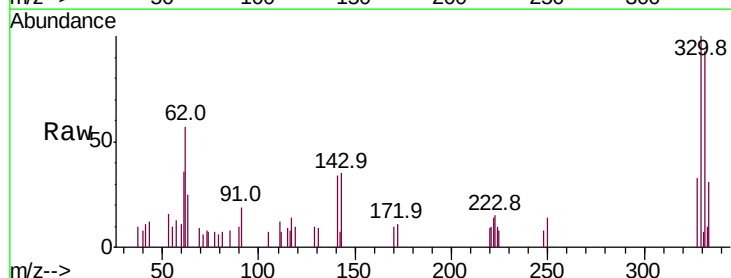


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

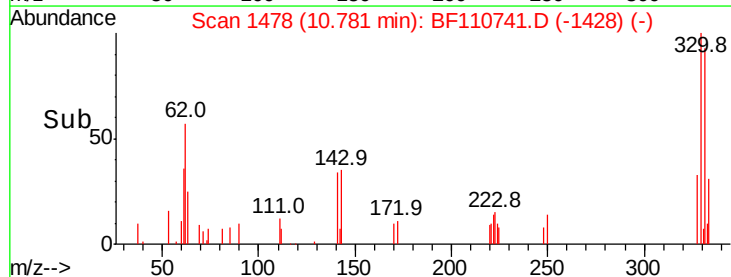
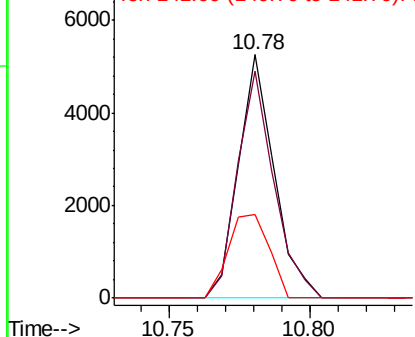


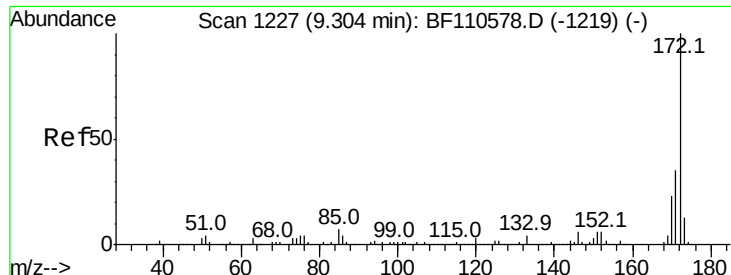
#42
 2,4,6-Tribromophenol
 Concen: 4.017 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110741.D
 Acq: 14 Nov 2018 1:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	39.5	27.0	40.4



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

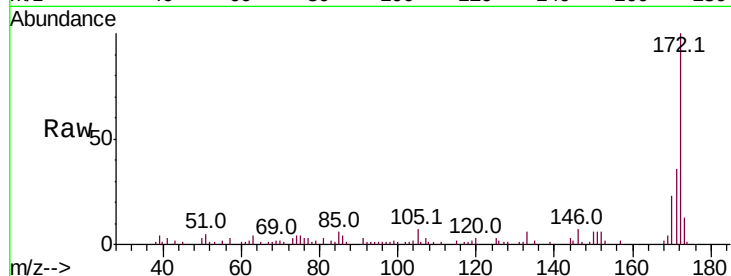




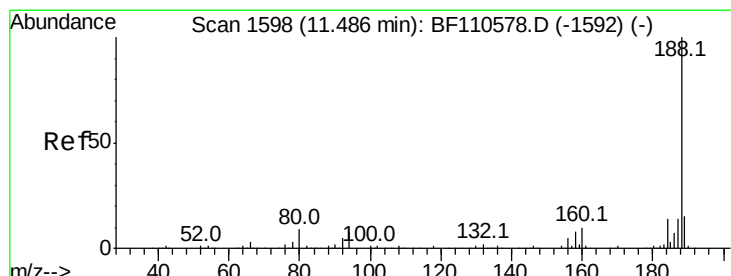
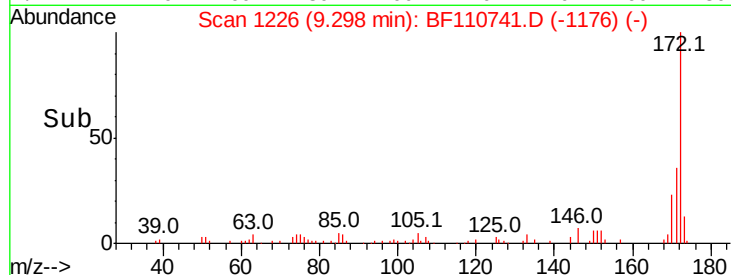
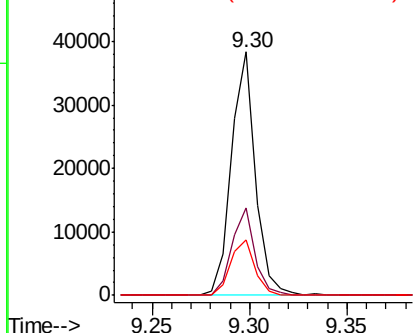
#45
 2-Fluorobiphenyl
 Concen: 4.102 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110741.D
 Acq: 14 Nov 2018 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SP-UST-MIDDLE

Tot Ion:172 Resp: 32741
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 22.8 19.7 29.5

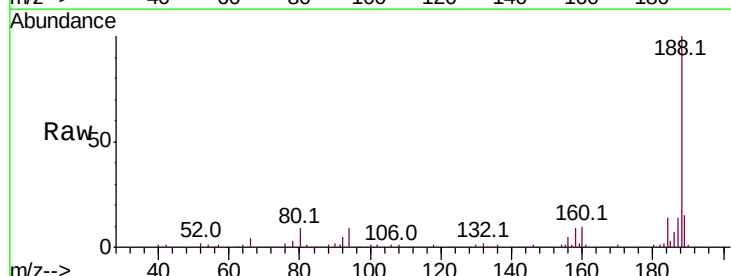


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

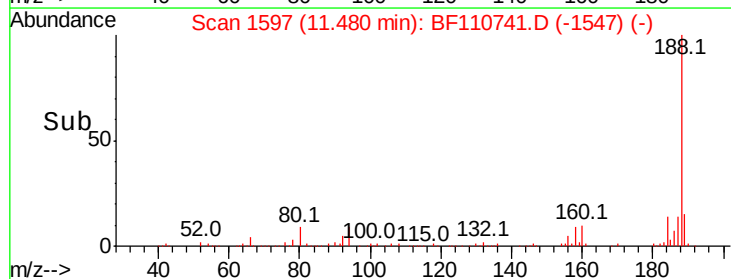
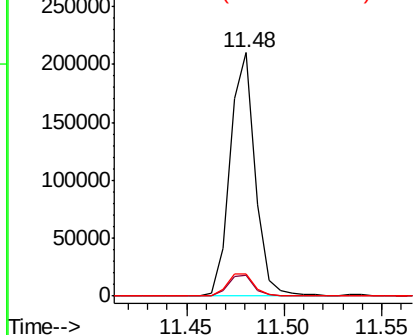


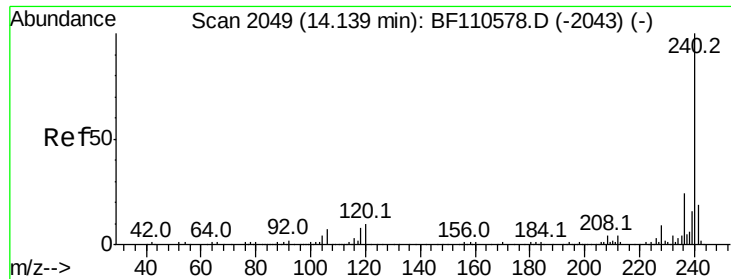
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110741.D
 Acq: 14 Nov 2018 1:23

Tgt Ion:188 Resp: 186420
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.2 10.8
 80 9.1 7.9 11.9



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

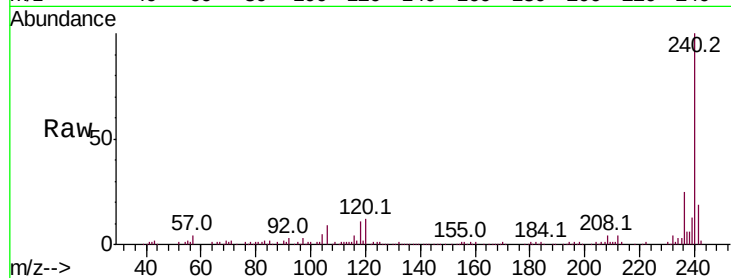




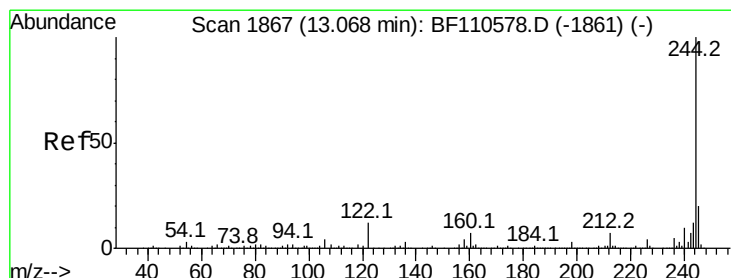
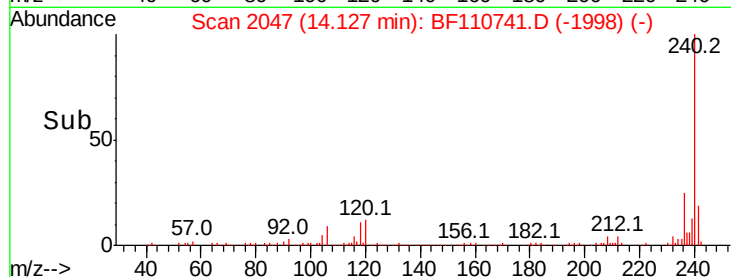
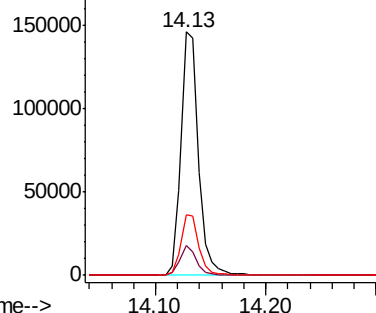
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Instrument :
BNA_F
ClientSampleId :
SP-UST-MIDDLE

Tot Ion:240 Resp: 157536
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 25.1 21.2 31.8

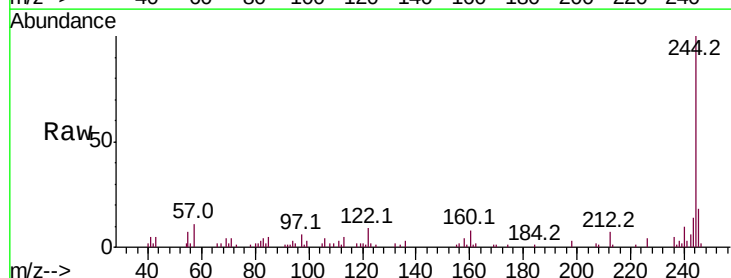


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

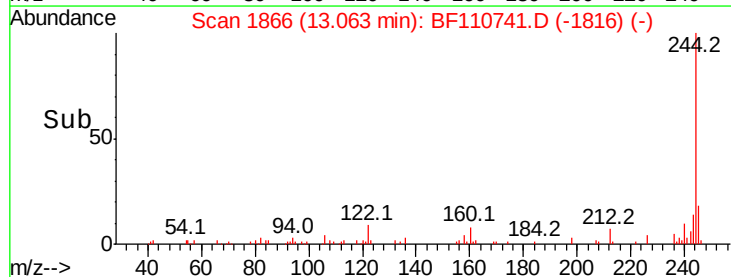
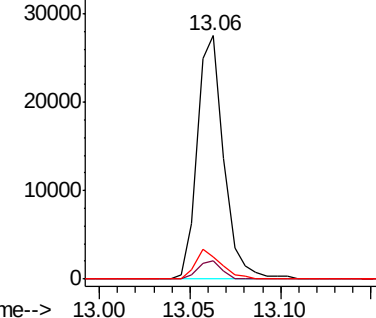


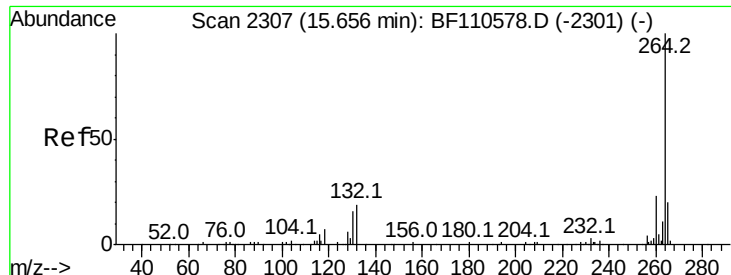
#79
Terphenyl-d14
Concen: 3.335 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110741.D
Acq: 14 Nov 2018 1:23

Tgt Ion:244 Resp: 28056
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 8.9 8.7 13.1



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

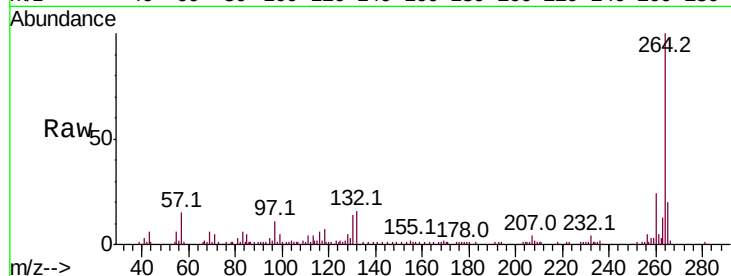




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110741.D
 Acq: 14 Nov 2018 1:23

Instrument :
 BNA_F
 ClientSampleId :
 SP-UST-MIDDLE

Tot Ion: 264 Resp: 100924
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 20.4 16.7 25.1



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

