

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110665.D
 Acq On : 10 Nov 2018 8:56
 Operator : JU/SJ
 Sample : J5881-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:28:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

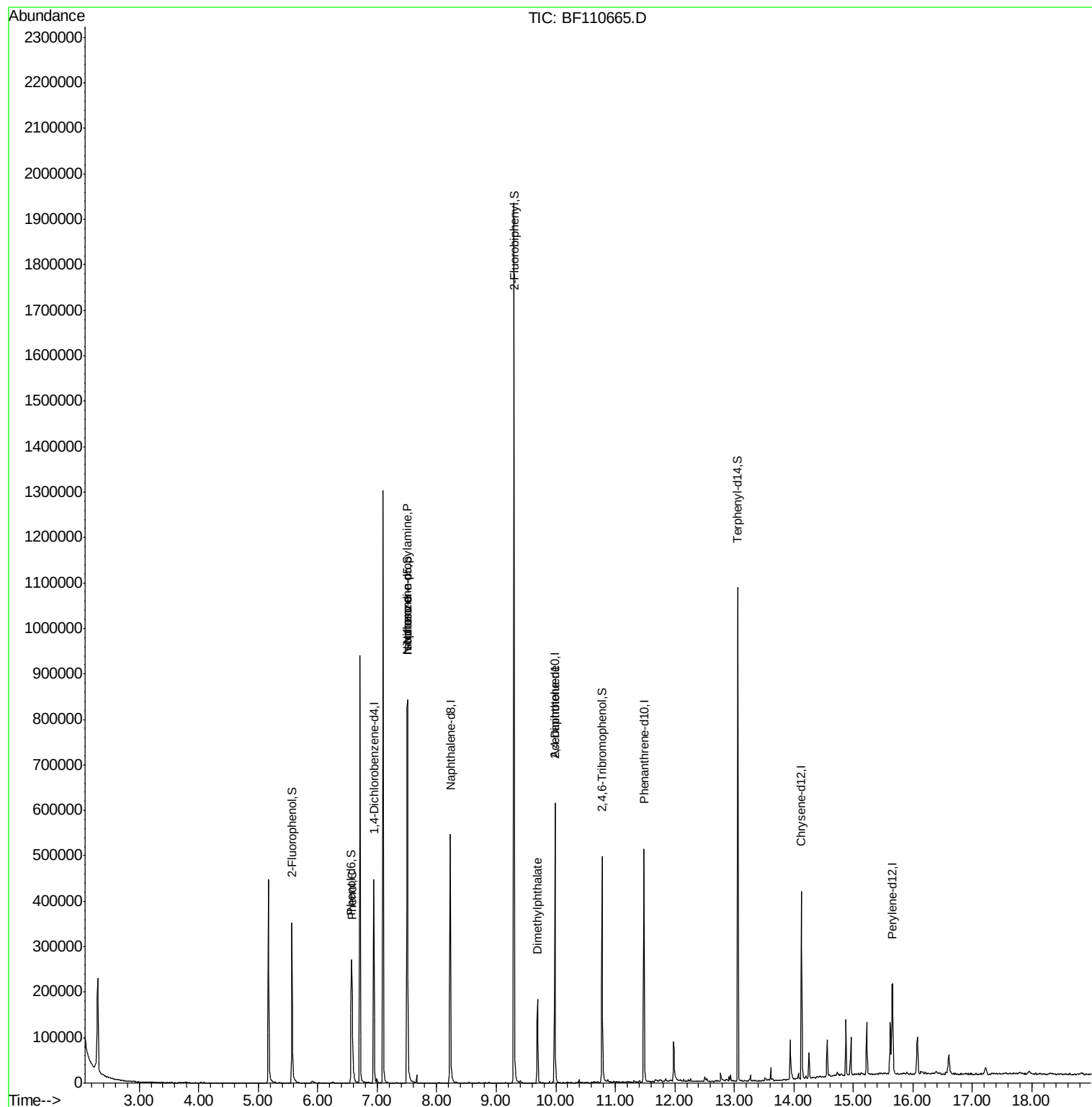
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72710	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	305165	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	130485	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	199364	20.00	ng	0.00
76) Chrysene-d12	14.13	240	140715	20.00	ng	-0.01
87) Perylene-d12	15.66	264	106092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	116209	25.96	ng	0.00
7) Phenol-d6	6.56	99	85716	14.97	ng	-0.01
23) Nitrobenzene-d5	7.51	82	319850	60.36	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	62166	47.28	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	598812	65.54	ng	0.00
79) Terphenyl-d14	13.06	244	363391	48.36	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.58	77	579	Below Cal	Qvalue	
10) Phenol	6.57	94	86498	13.032 ng	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	40806	11.168 ng	#	65
25) Isophorone	7.51	82	319848	36.827 ng	#	79
50) Dimethylphthalate	9.69	163	84860	8.716 ng	#	67
57) 2,4-Dinitrotoluene	9.99	165	16499	5.925 ng	#	99
					#	19

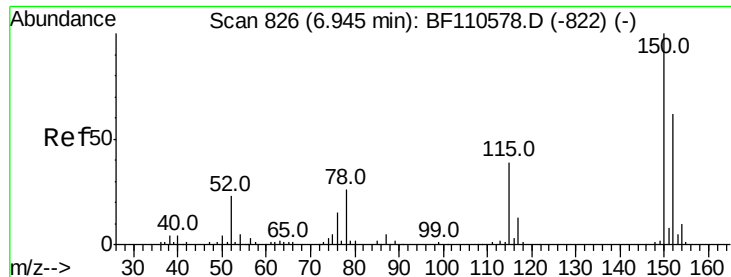
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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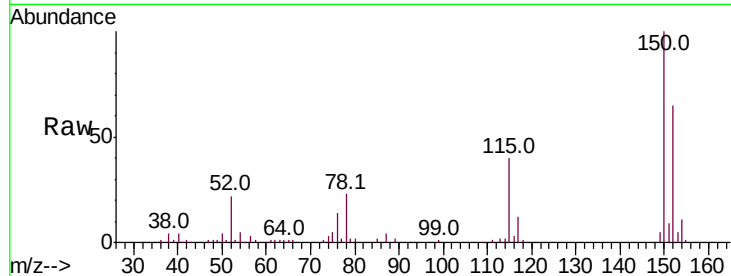


#1

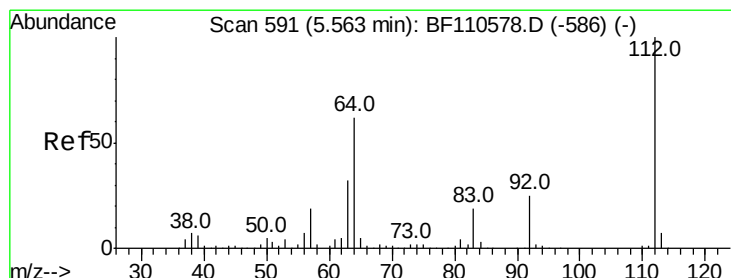
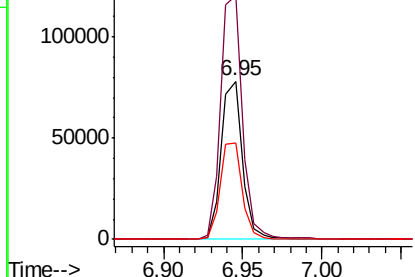
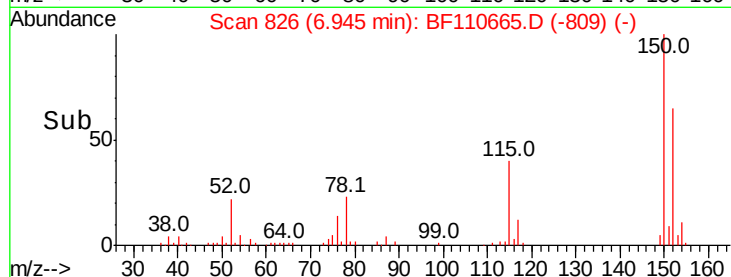
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72710
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 61.4 49.1 73.7



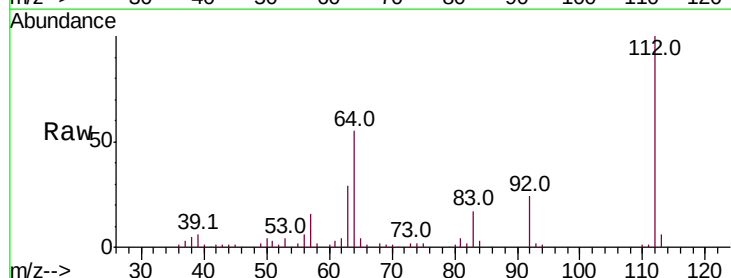
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



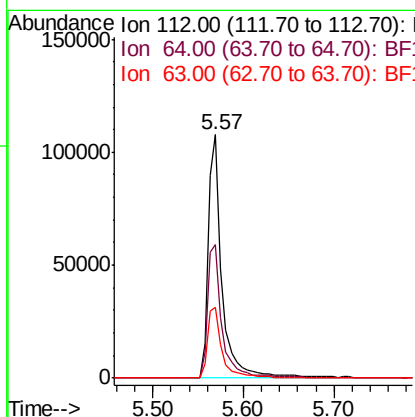
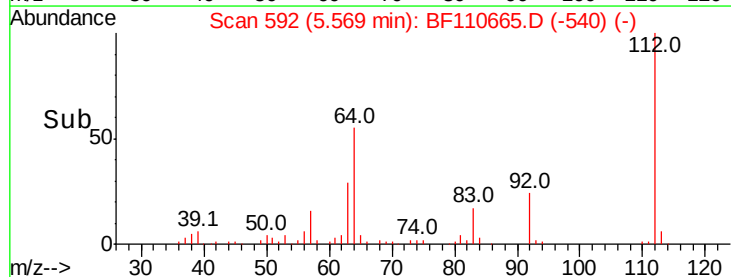
#5

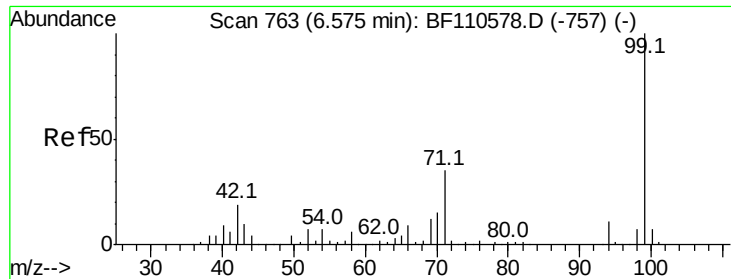
2-Fluorophenol
Concen: 25.961 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Tgt Ion:112 Resp: 116209
Ion Ratio Lower Upper
112 100
64 54.9 44.1 66.1
63 29.0 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: 14.974 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

Instrument :

BNA_F

ClientSampleId :

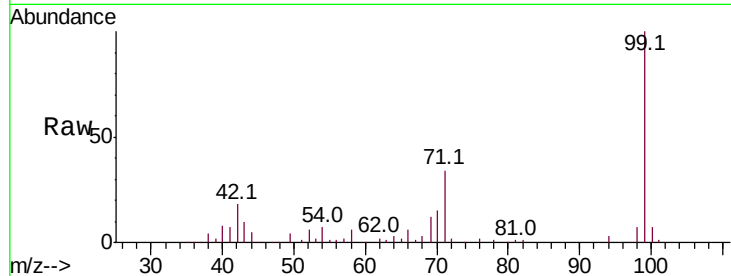
Tot Ion: 99 Resp: 85716

Ion Ratio Lower Upper

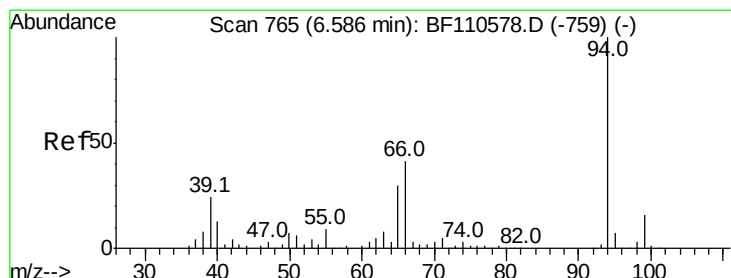
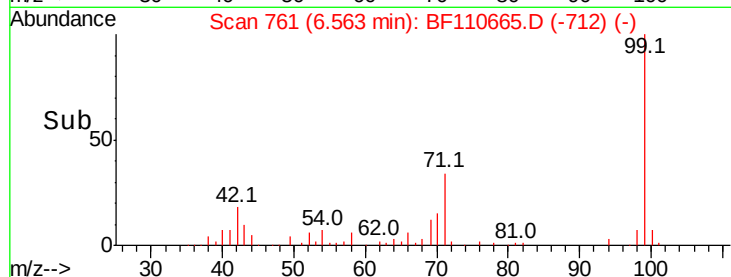
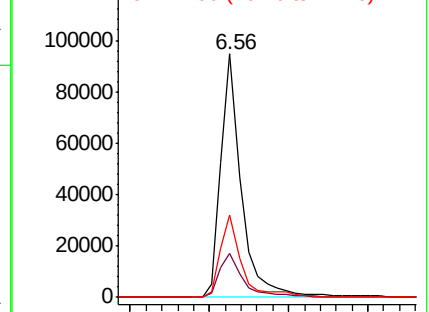
99 100

42 18.0 15.8 23.6

71 34.0 28.0 42.0



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



#10

Phenol

Concen: 13.032 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

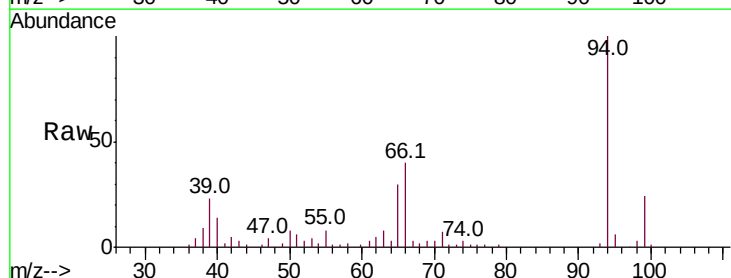
Tgt Ion: 94 Resp: 86498

Ion Ratio Lower Upper

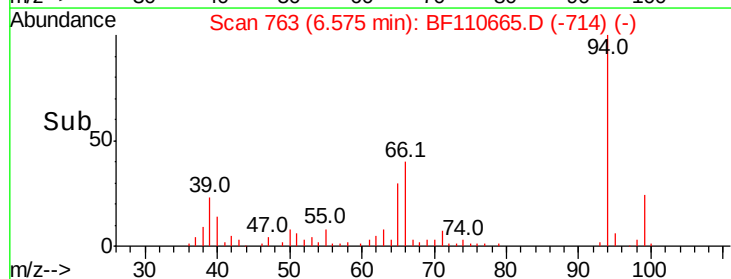
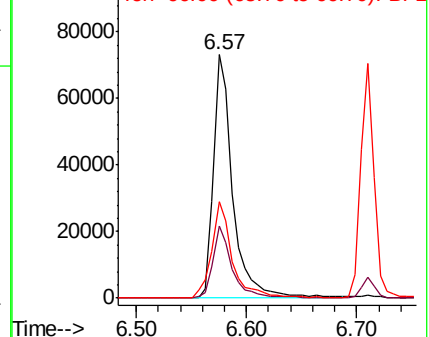
94 100

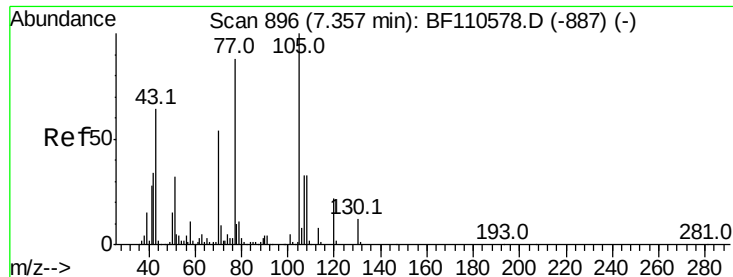
65 29.6 25.3 65.3

66 39.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.168 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110665.D

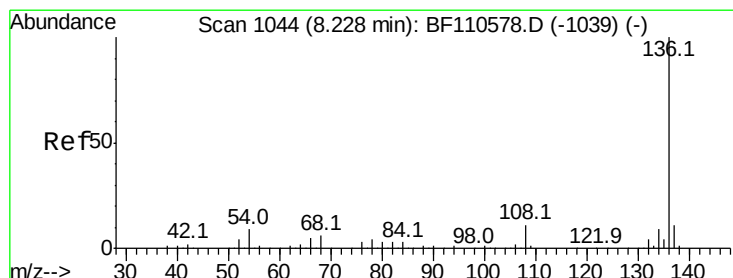
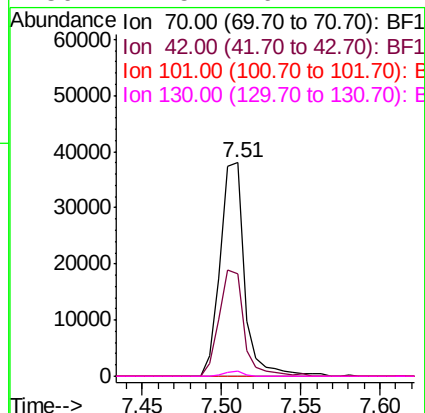
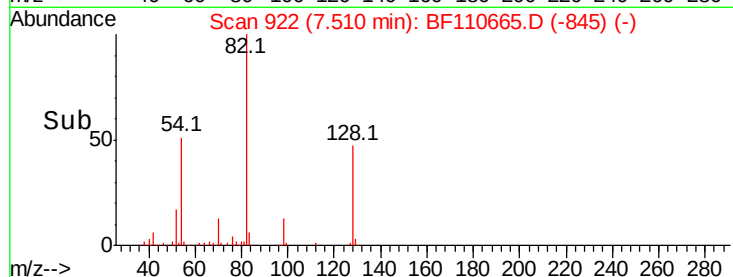
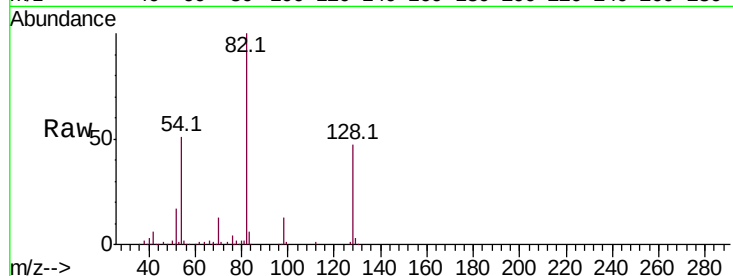
Acq: 10 Nov 2018 8:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	40806
Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

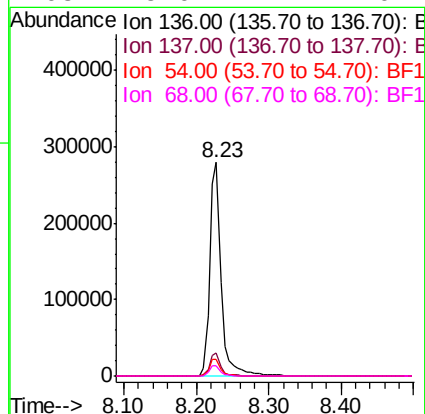
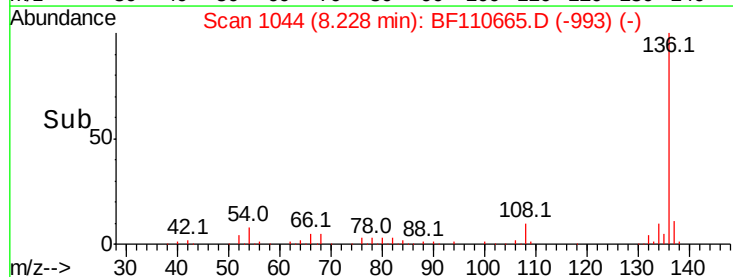
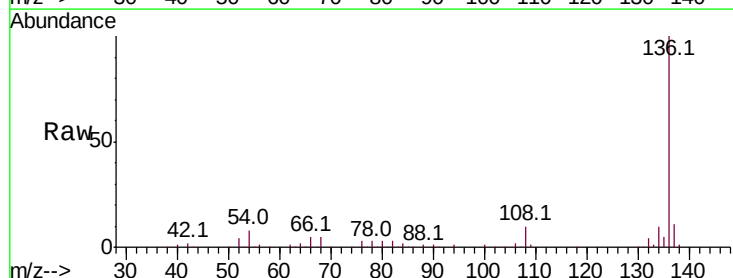
RT: 8.23 min Scan# 1044

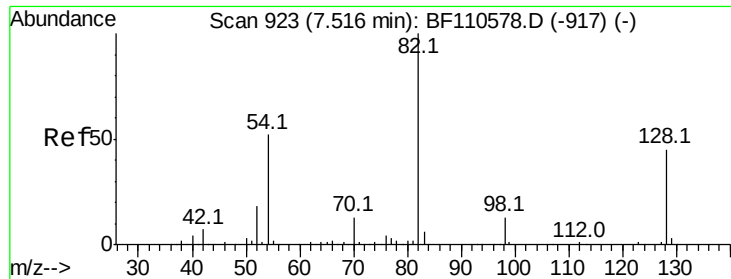
Delta R.T. 0.00 min

Lab File: BF110665.D

Acq: 10 Nov 2018 8:56

Tgt Ion:	136	Resp:	305165
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.4	8.2
68	5.0	4.2	6.2

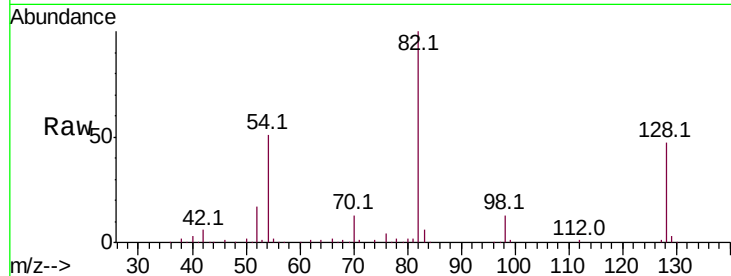




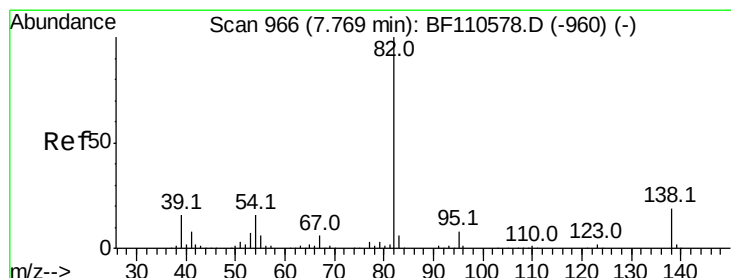
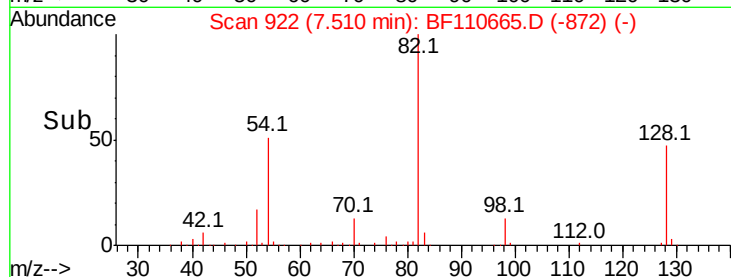
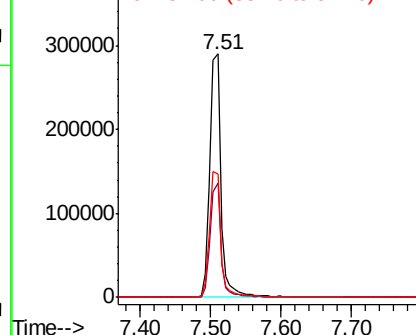
#23
 Nitrobenzene-d5
 Concen: 60.361 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	50.9	38.6	58.0

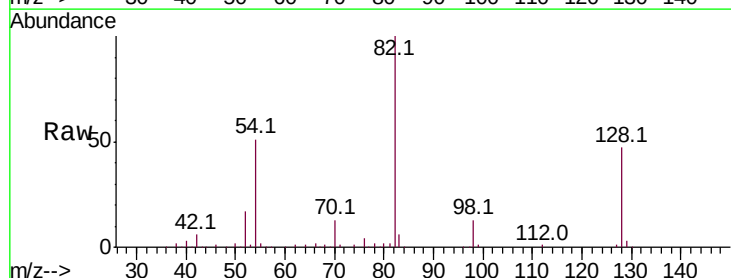


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

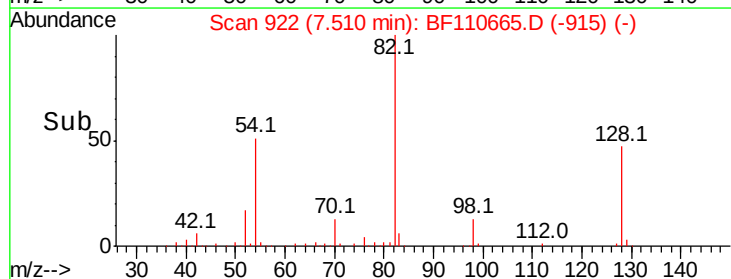
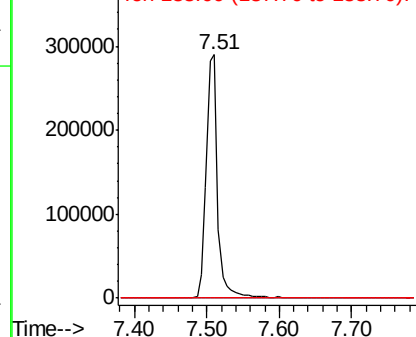


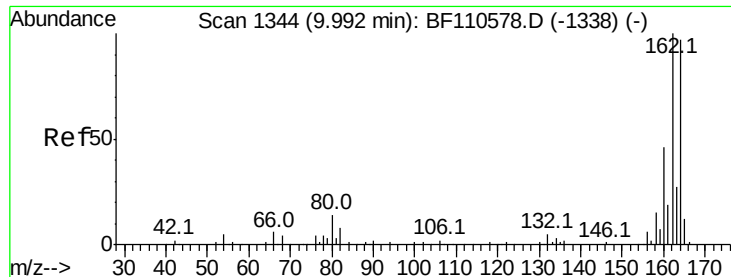
#25
 Isophorone
 Concen: 36.827 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

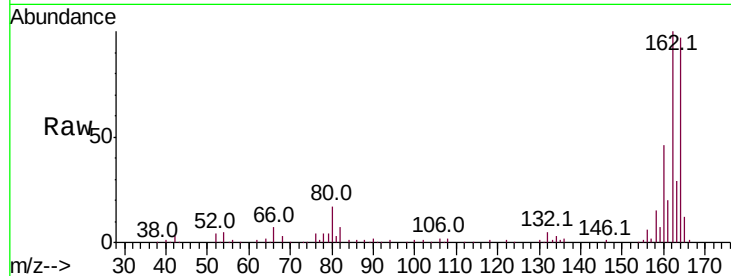




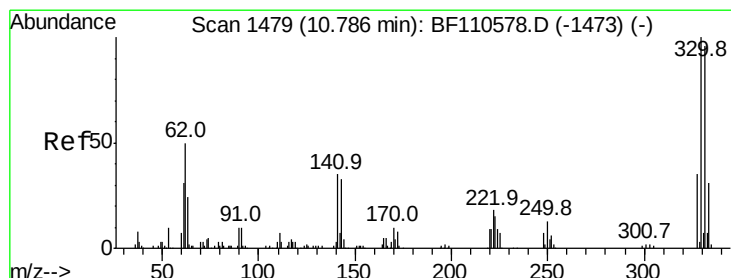
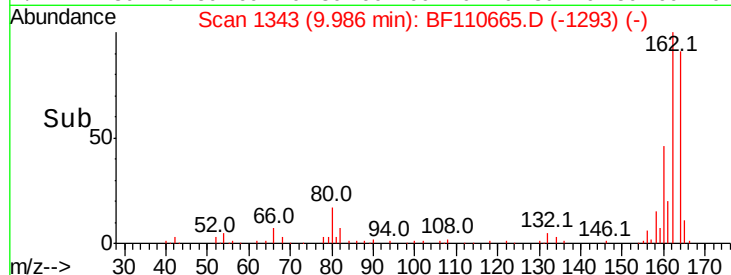
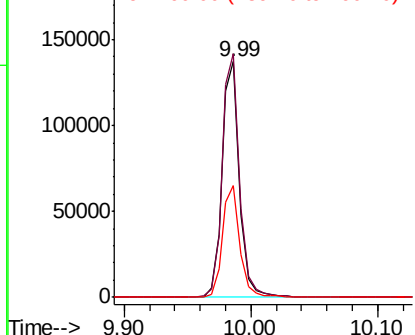
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 130485
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 47.5 37.0 55.6

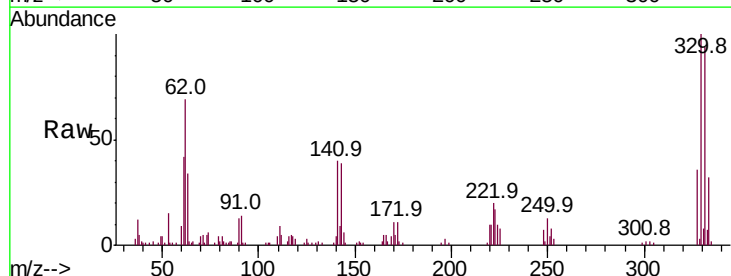


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

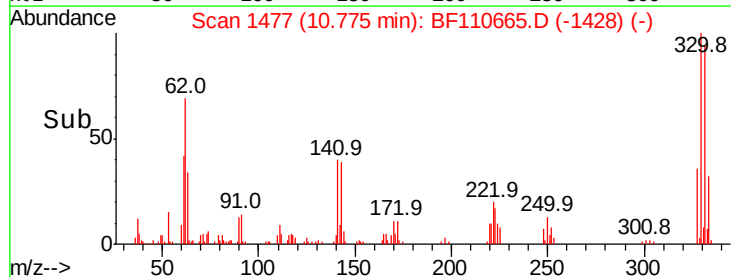
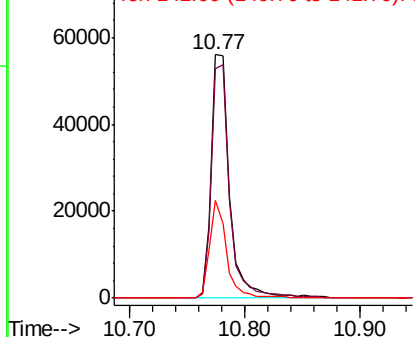


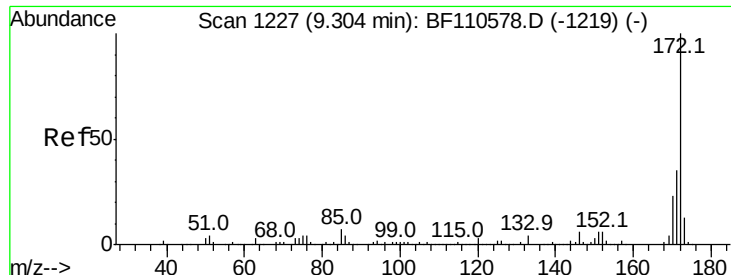
#42
2,4,6-Tribromophenol
Concen: 47.282 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Tgt Ion:330 Resp: 62166
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 37.0 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

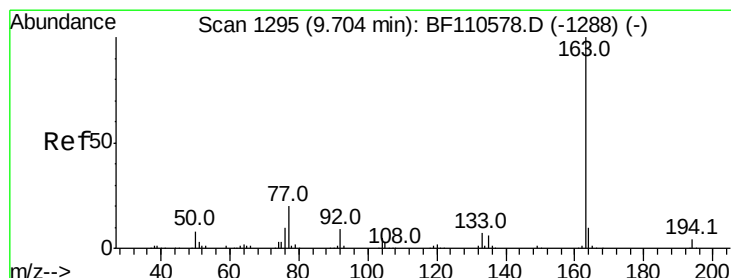
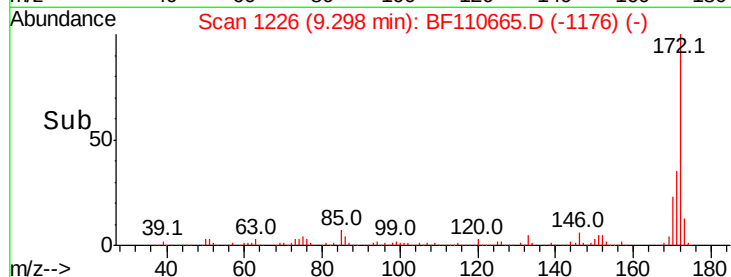
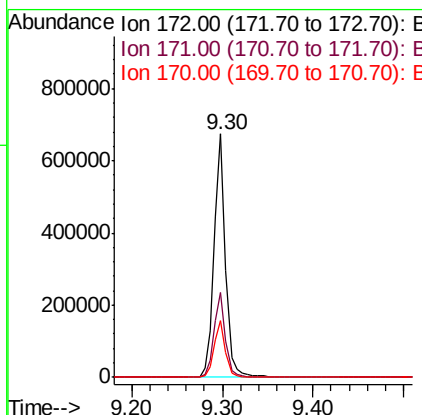
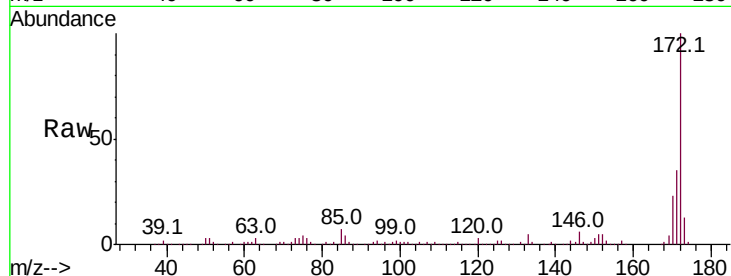




#45
 2-Fluorobiphenyl
 Concen: 65.541 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

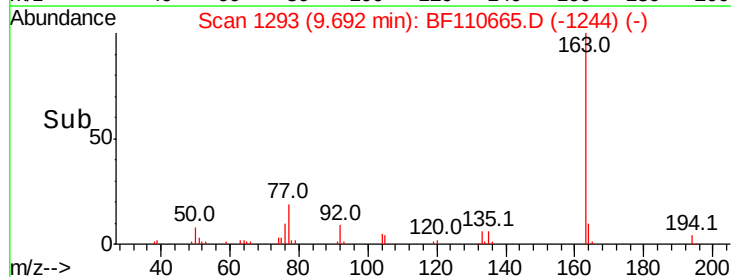
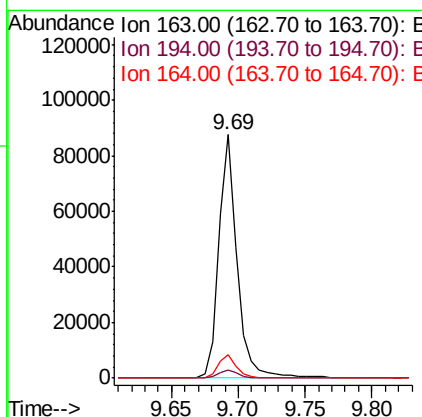
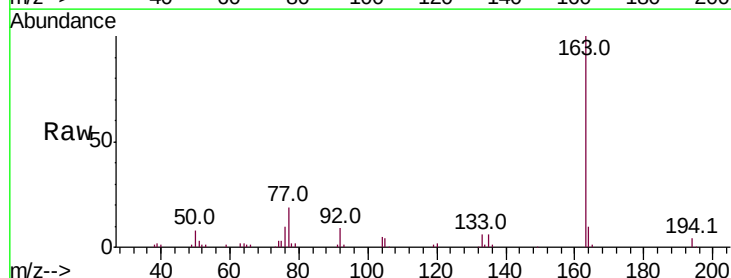
Instrument :
 BNA_F
 ClientSampleId :

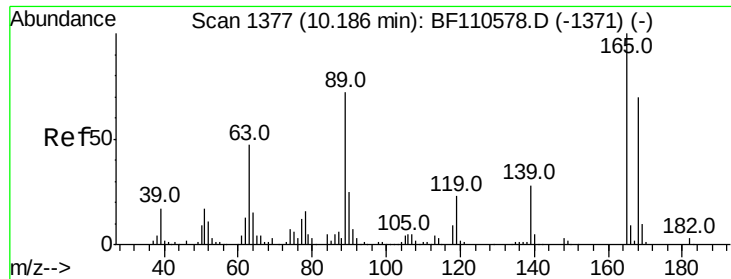
Tot Ion:172 Resp: 598812
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.2 19.7 29.5



#50
 Dimethylphthalate
 Concen: 8.716 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

Tgt Ion:163 Resp: 84860
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.2 4.8
 164 9.7 8.1 12.1

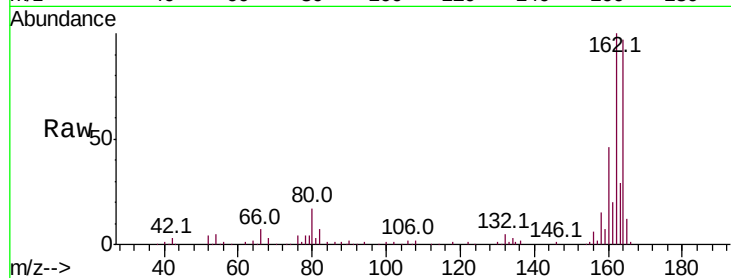




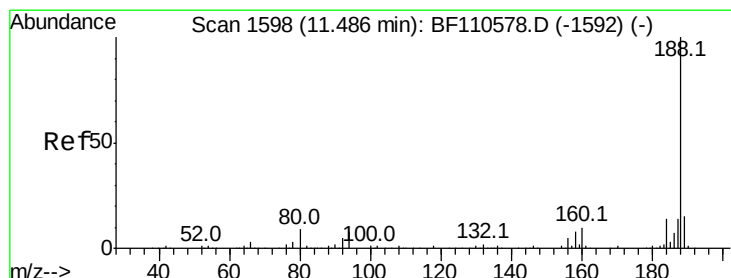
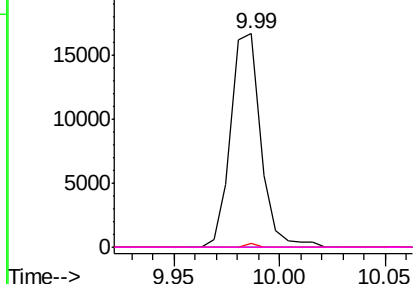
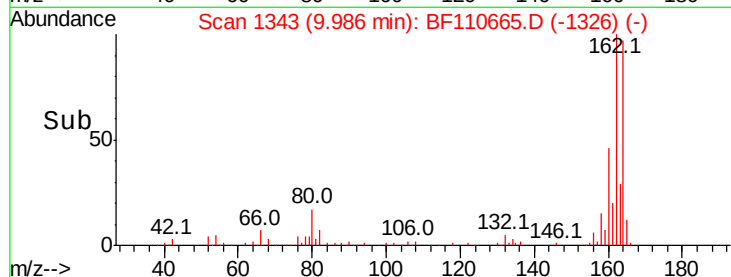
#57
 2,4-Dinitrotoluene
 Concen: 5.925 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165	Resp:	16499
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.9	62.2 93.4#
182	0.0	2.1 3.1#

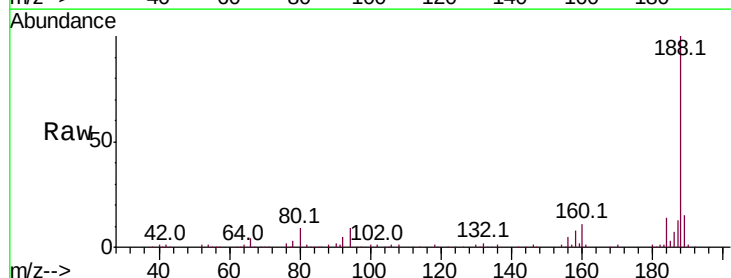


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

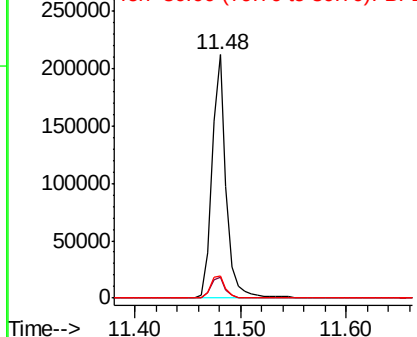
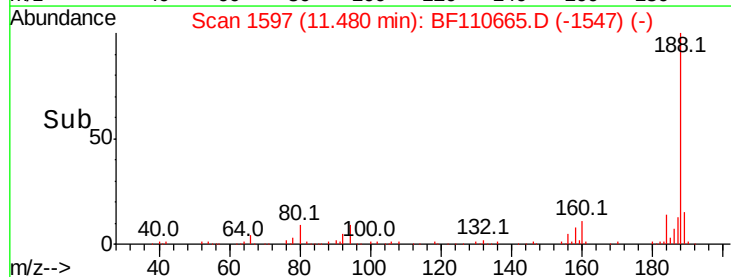


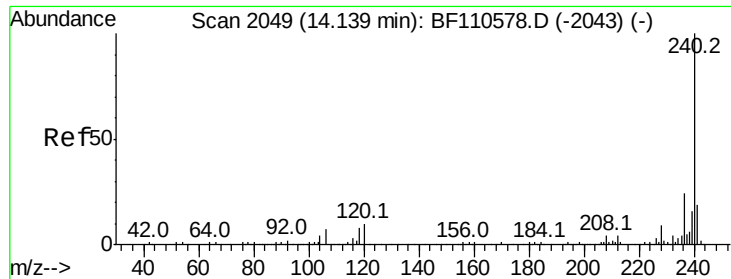
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110665.D
 Acq: 10 Nov 2018 8:56

Tgt Ion:188	Resp:	199364
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.2 10.8
80	9.0	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

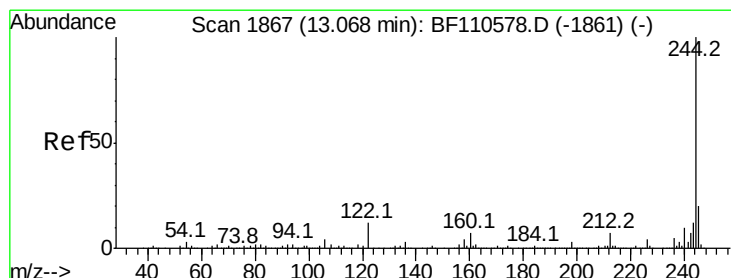
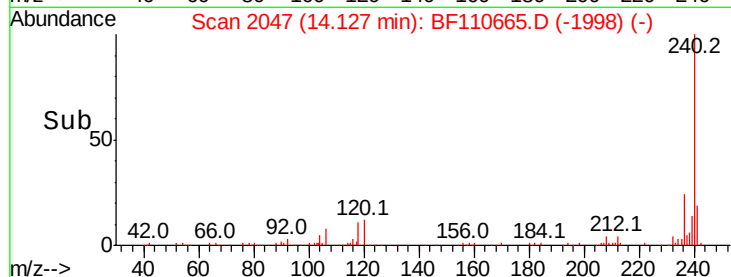
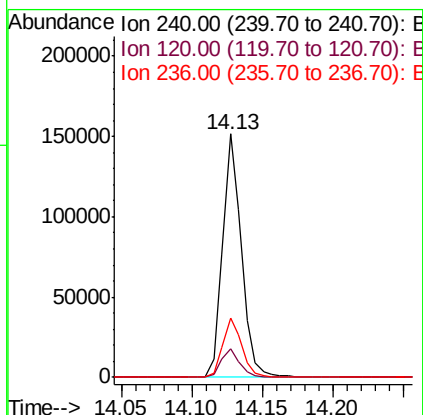
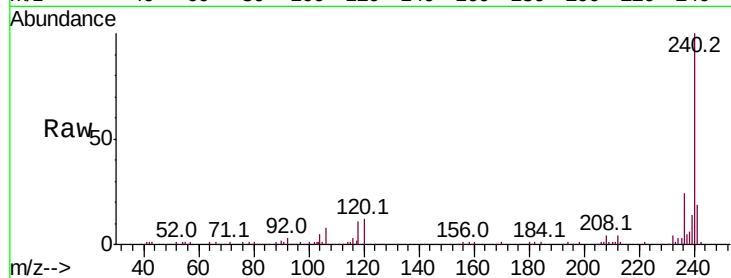




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

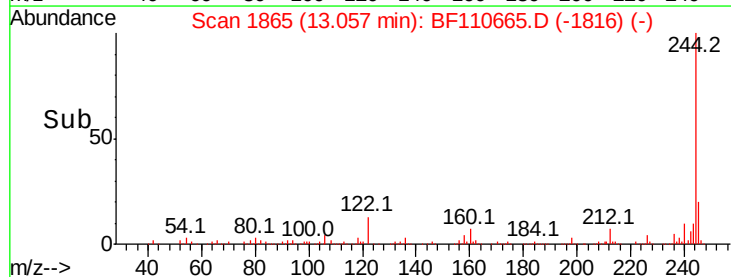
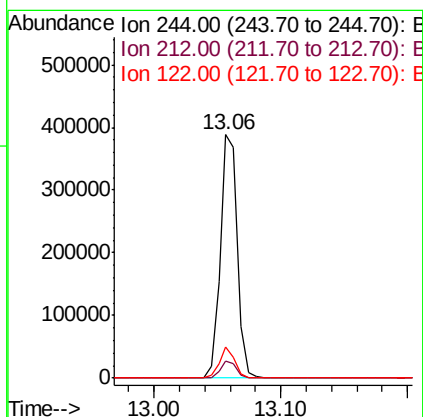
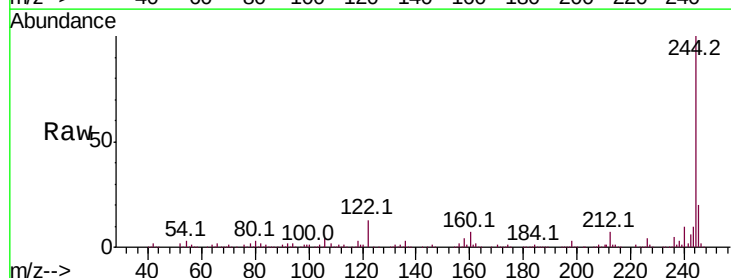
Instrument :
BNA_F
ClientSampleId :

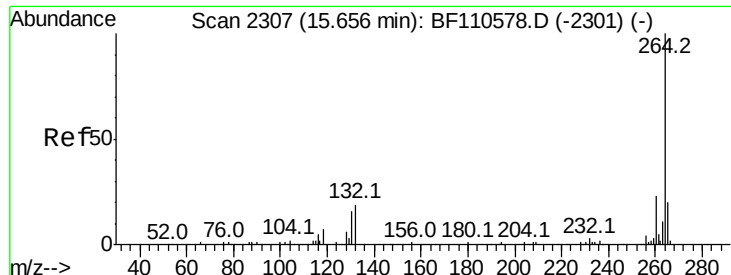
Tot Ion:240 Resp: 140715
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 24.4 21.2 31.8



#79
Terphenyl-d14
Concen: 48.363 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Tgt Ion:244 Resp: 363391
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.8 8.7 13.1

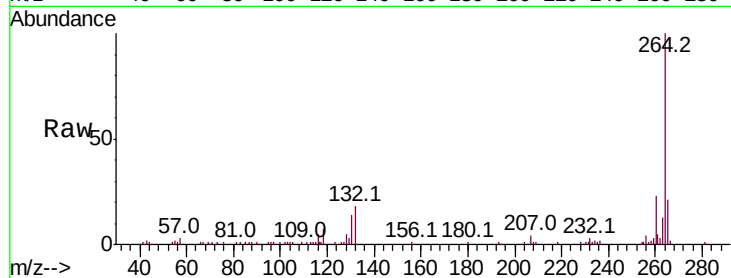




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110665.D
Acq: 10 Nov 2018 8:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.0	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

