

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110935.D
 Acq On : 21 Nov 2018 18:25
 Operator : JU/SJ
 Sample : J5772-07RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

Quant Time: Nov 21 22:08:34 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

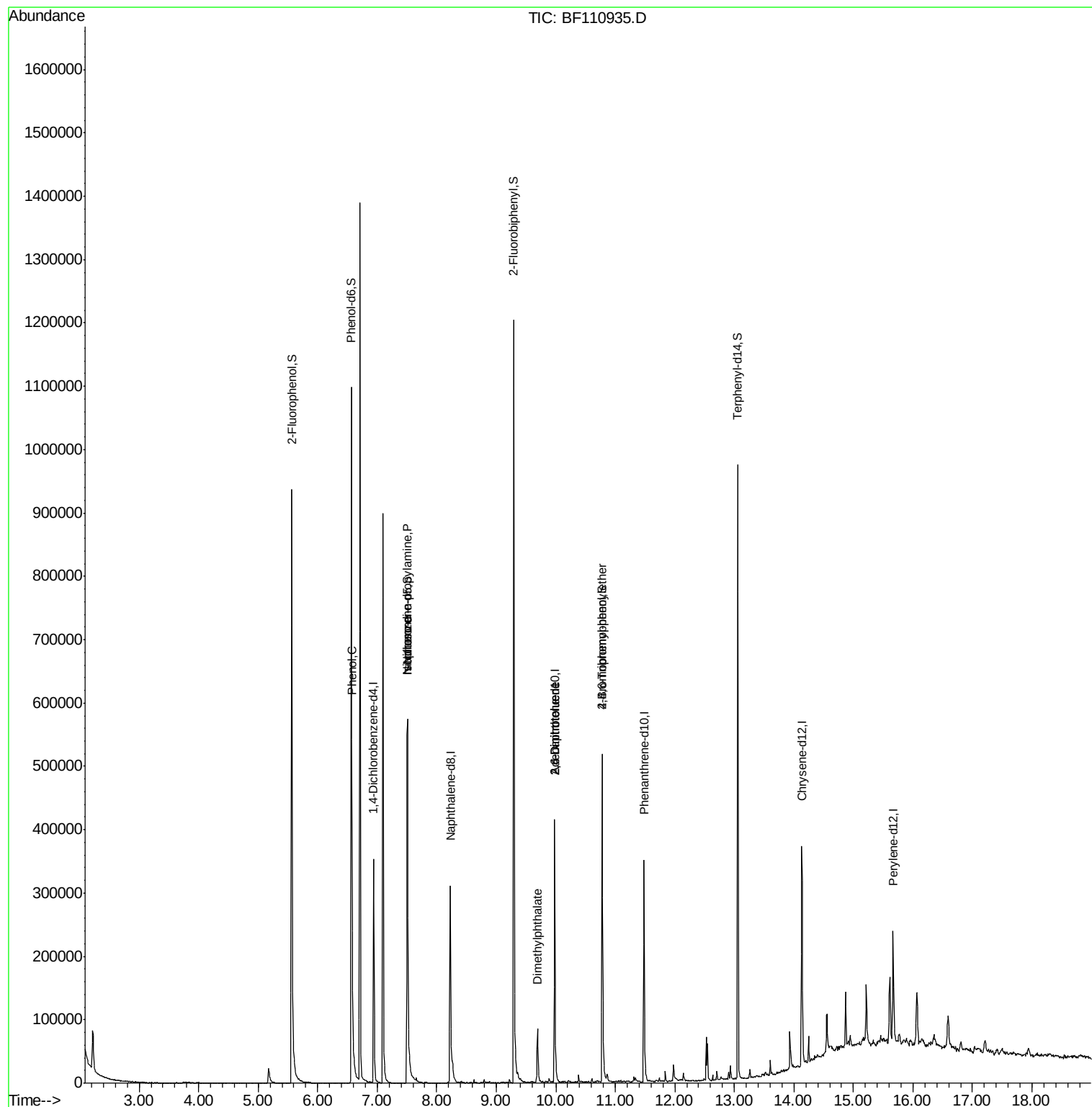
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56362	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	222011	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	97595	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	155693	20.00	ng	0.00
76) Chrysene-d12	14.13	240	129096	20.00	ng	0.00
87) Perylene-d12	15.67	264	90652	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	322642	92.98	ng	0.00
7) Phenol-d6	6.57	99	402752	90.77	ng	0.00
23) Nitrobenzene-d5	7.51	82	257949	66.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	74448	75.71	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	438584	64.18	ng	-0.01
79) Terphenyl-d14	13.06	244	316058	45.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	422	Below Cal		Qvalue
10) Phenol	6.58	94	19027	3.698 ng	#	1
19) n-Nitroso-di-n-propylamine	7.51	70	32703	11.546 ng	#	85
25) Isophorone	7.51	82	257947	40.824 ng	#	76
50) Dimethylphthalate	9.69	163	45962	6.311 ng		67
51) 2,6-Dinitrotoluene	9.98	165	12327	7.695 ng	#	100
57) 2,4-Dinitrotoluene	9.98	165	12327	5.918 ng	#	21
67) 4-Bromophenyl-phenylether	10.78	248	4498	2.614 ng	#	17
					#	1

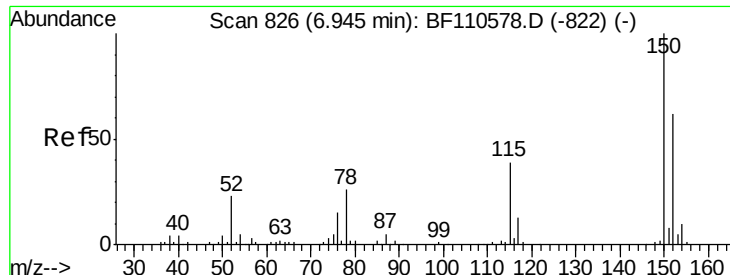
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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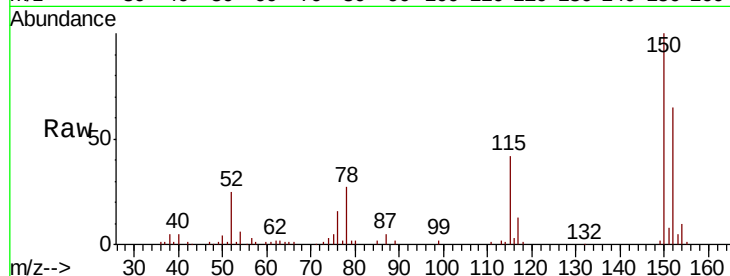


#1

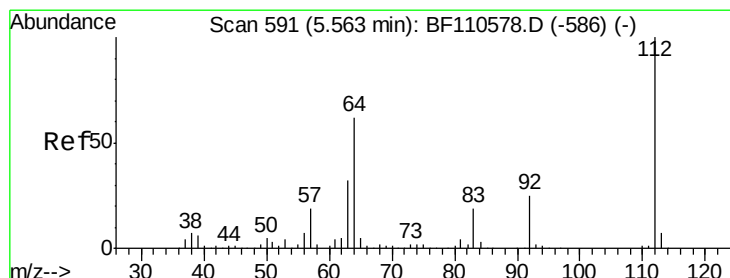
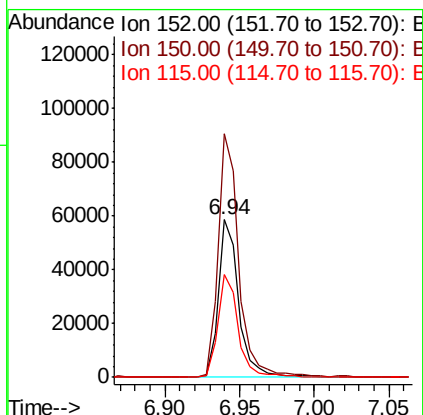
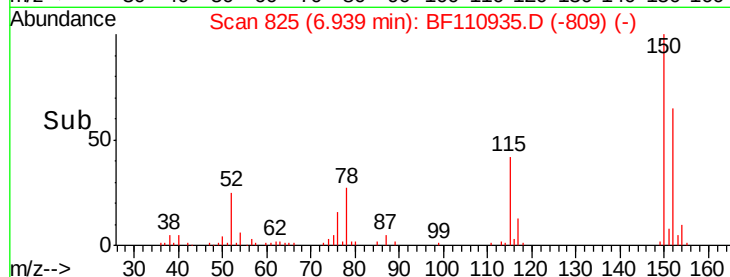
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Instrument :
 BNA_F
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 PL-01-112018-CRE

Tgt Ion:152 Resp: 56362
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 65.5 49.1 73.7



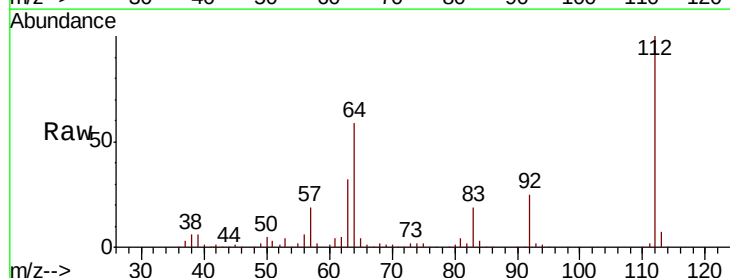
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



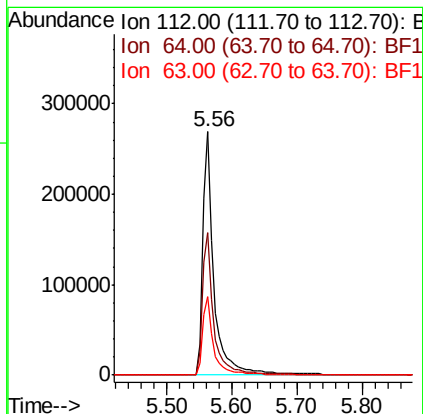
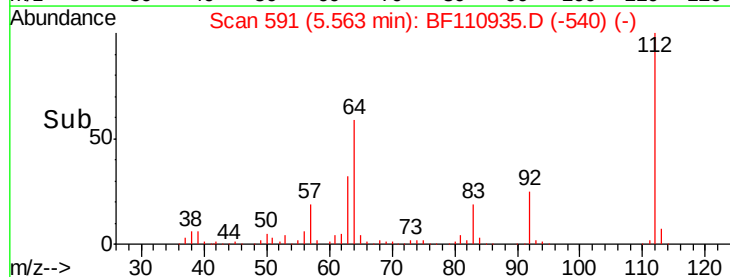
#5

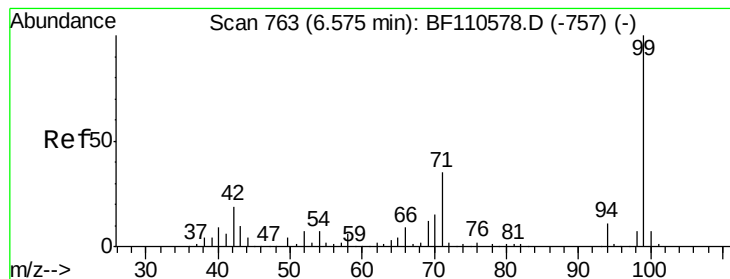
2-Fluorophenol
 Concen: 92.983 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion:112 Resp: 322642
 Ion Ratio Lower Upper
 112 100
 64 58.7 44.1 66.1
 63 32.3 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: 90.768 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-CRE

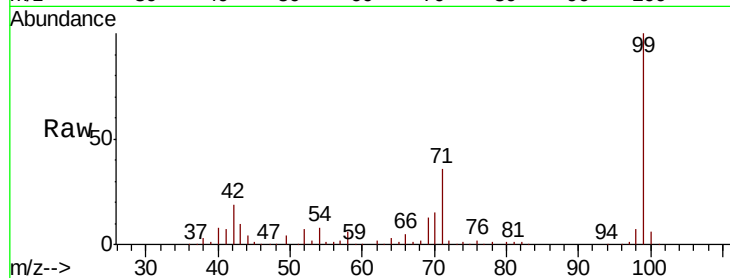
Tgt Ion: 99 Resp: 402752

Ion Ratio Lower Upper

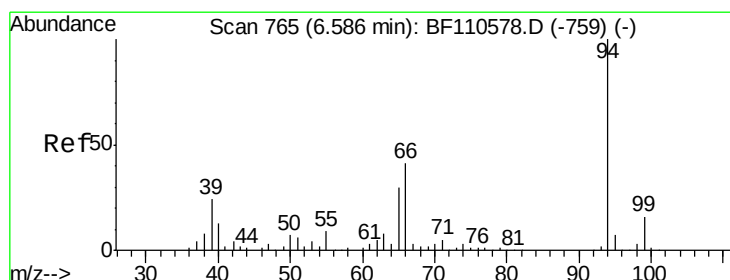
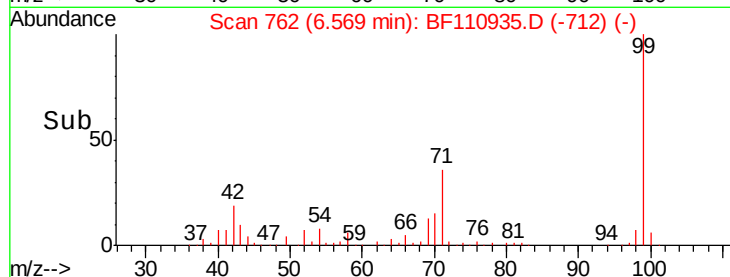
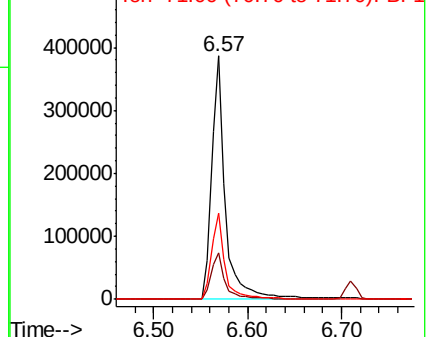
99 100

42 19.2 15.8 23.6

71 35.6 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: 3.698 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

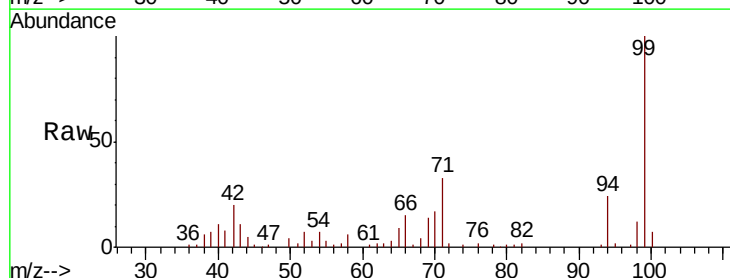
Tgt Ion: 94 Resp: 19027

Ion Ratio Lower Upper

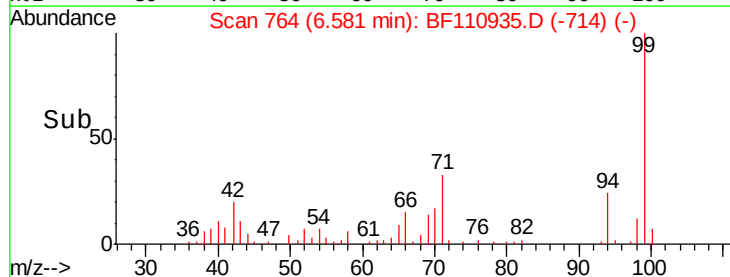
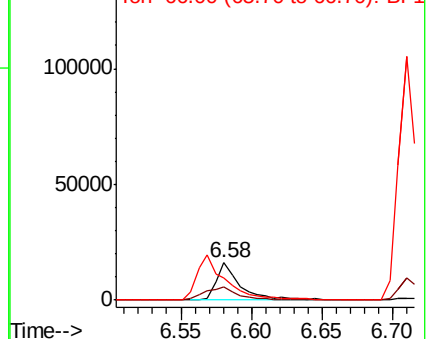
94 100

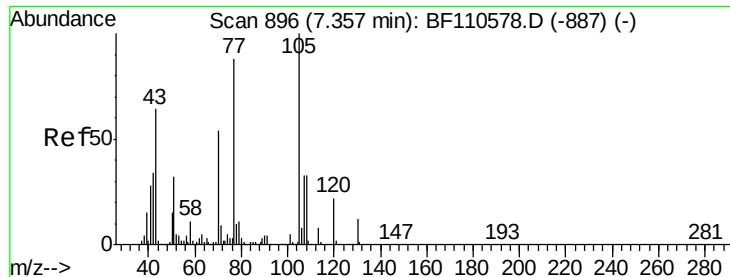
65 36.4 25.3 65.3

66 60.9 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

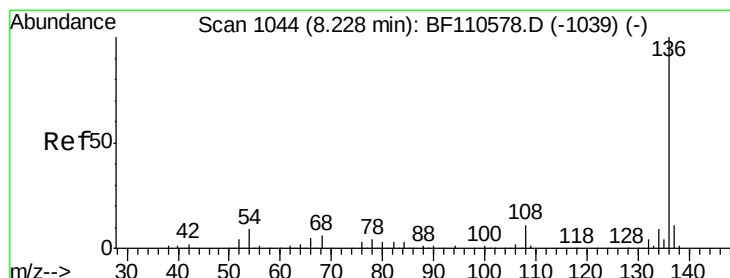
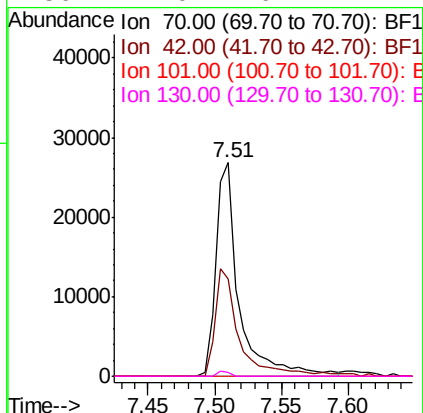
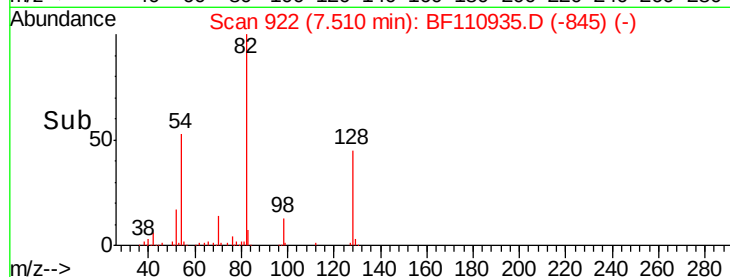
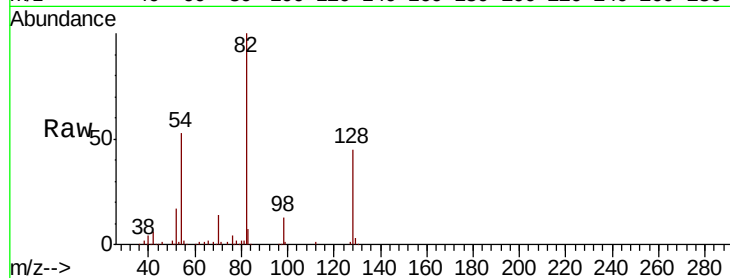




#19
n-Nitroso-di-n-propylamine
Concen: 11.546 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

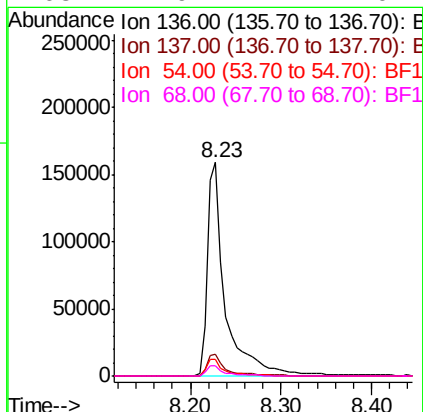
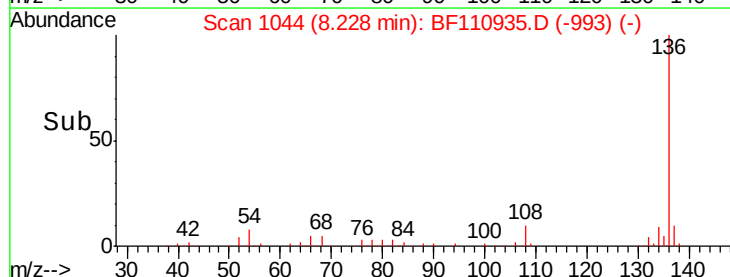
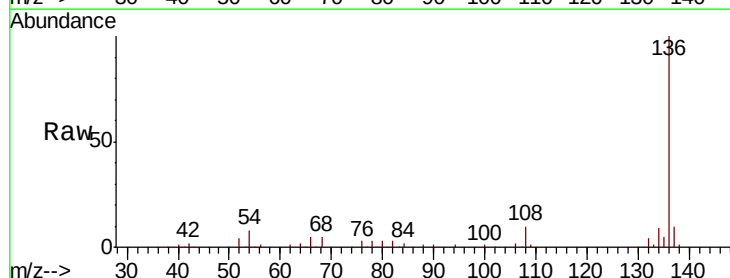
Instrument :
BNA_F
ClientSampleId :
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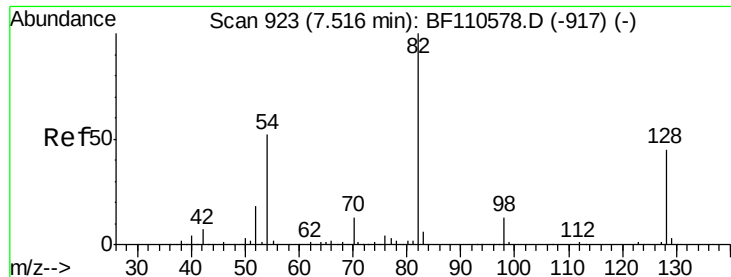
Tgt Ion: 70 Resp: 32703
Ion Ratio Lower Upper
70 100
42 45.3 47.4 71.2#
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion: 136 Resp: 222011
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.8 5.4 8.2
68 4.9 4.2 6.2

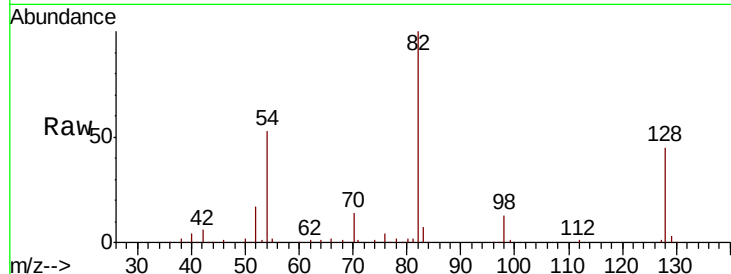




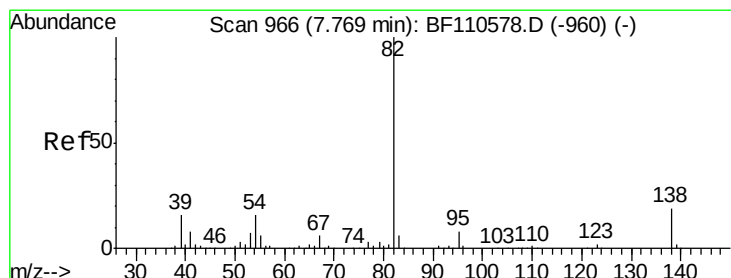
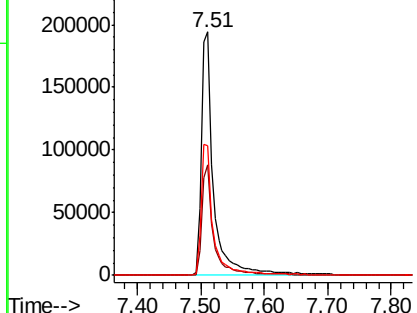
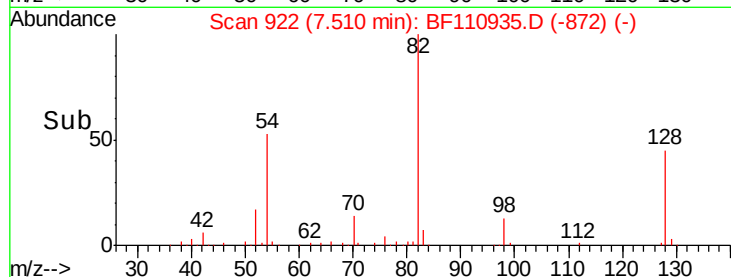
#23
 Nitrobenzene-d5
 Concen: 66.912 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

Tgt Ion: 82 Resp: 257949
 Ion Ratio Lower Upper
 82 100
 128 45.4 34.2 51.2
 54 53.1 38.6 58.0

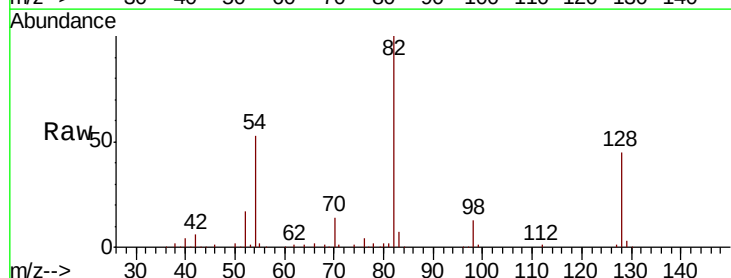


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

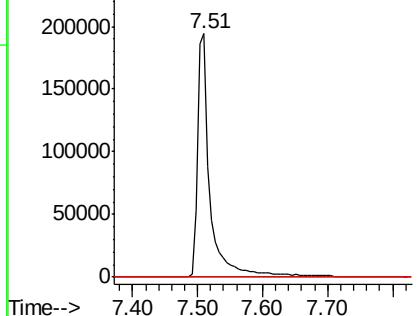
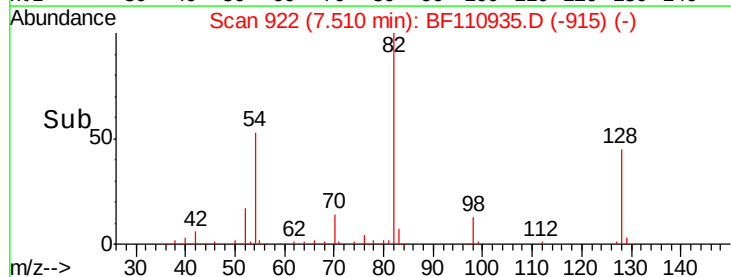


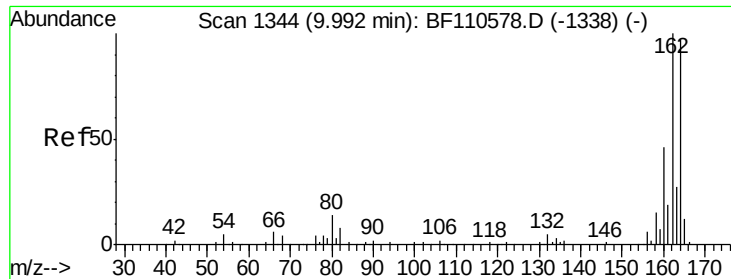
#25
 Isophorone
 Concen: 40.824 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion: 82 Resp: 257947
 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

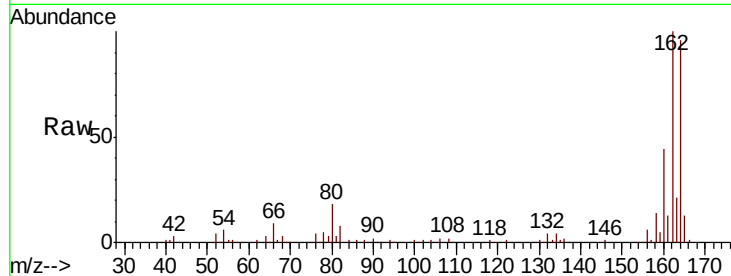




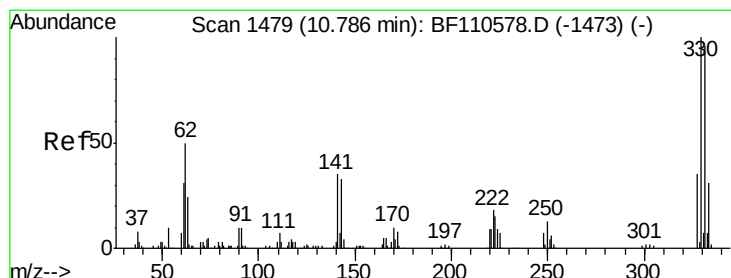
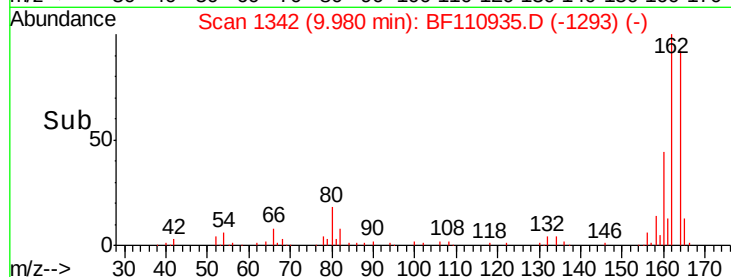
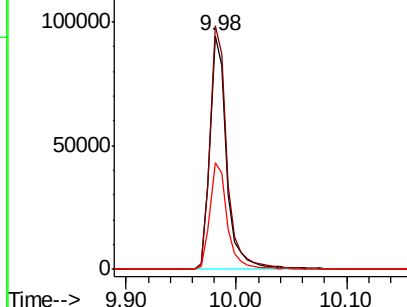
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110935.D
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Tgt Ion:164 Resp: 97595
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.0 124.6
 160 45.8 37.0 55.6

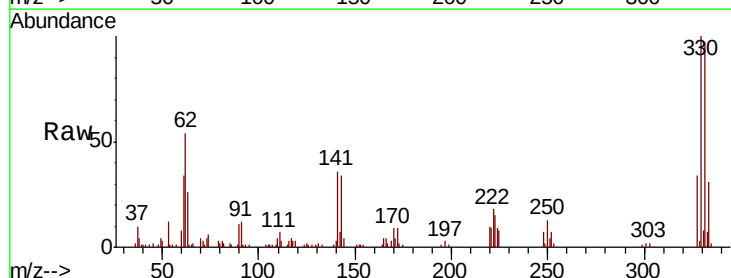


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

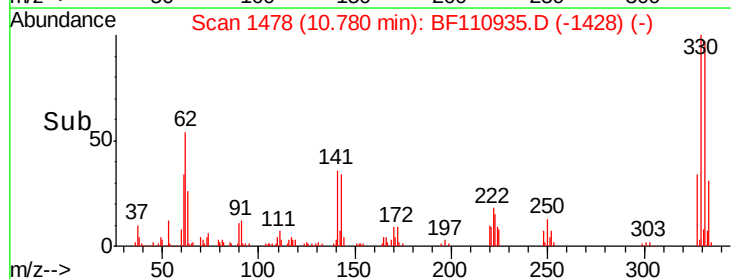
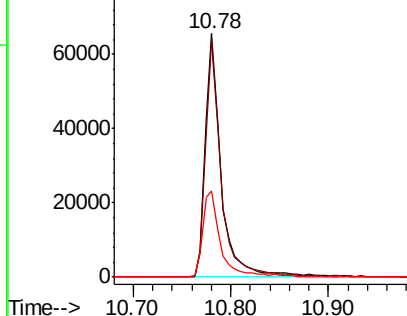


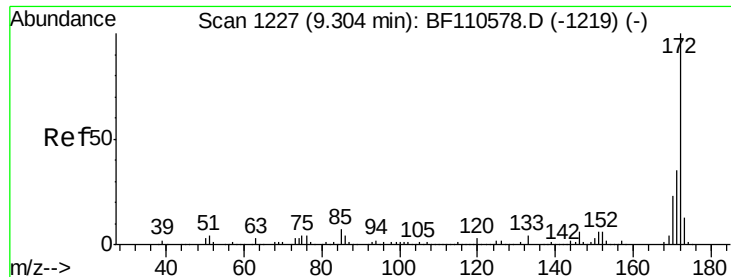
#42
 2,4,6-Tribromophenol
 Concen: 75.705 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion:330 Resp: 74448
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 39.0 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

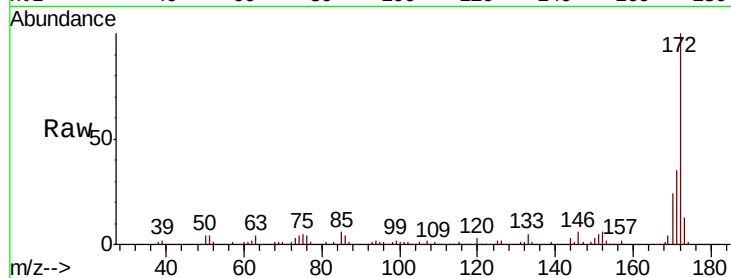




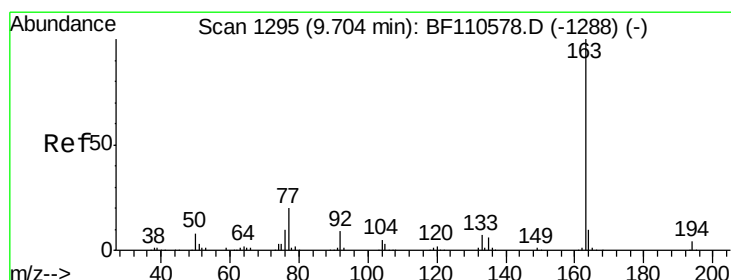
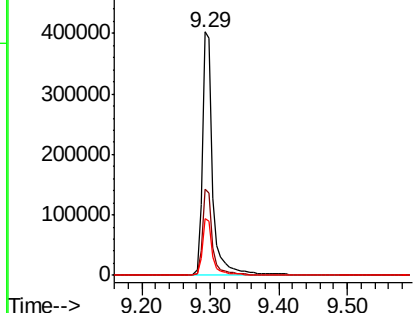
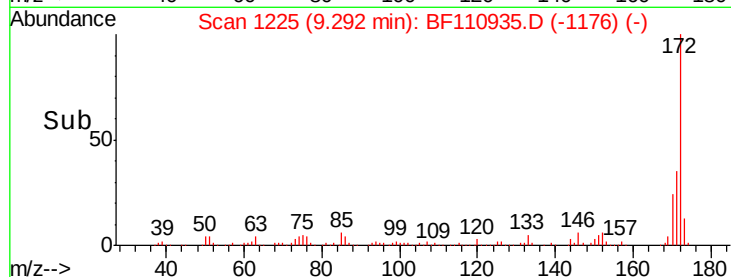
#45
 2-Fluorobiphenyl
 Concen: 64.181 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

Tgt Ion:172 Resp: 438584
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.5 19.7 29.5

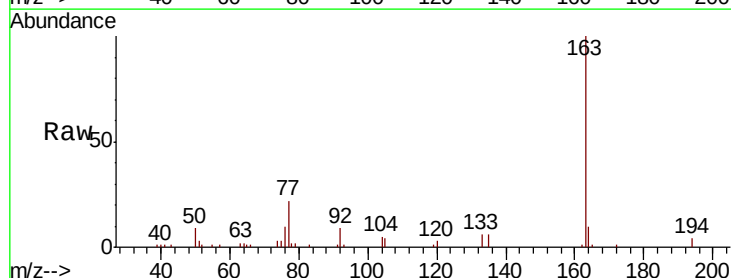


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

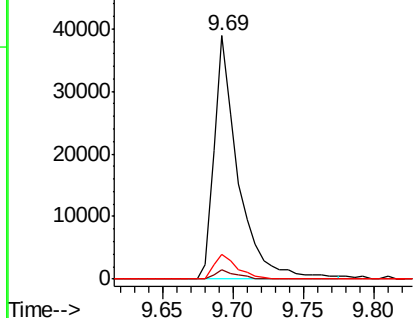
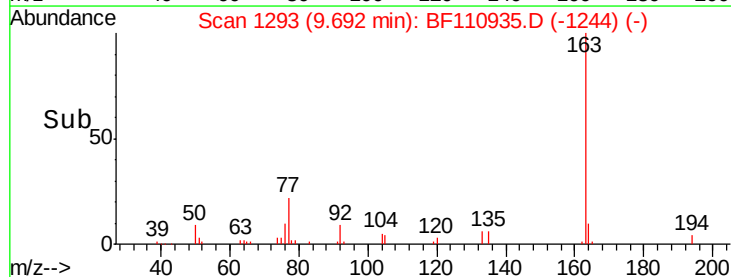


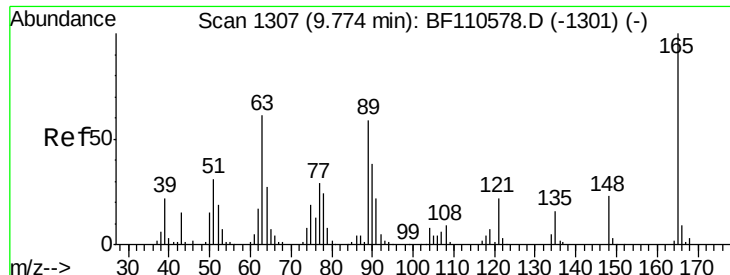
#50
 Dimethylphthalate
 Concen: 6.311 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion:163 Resp: 45962
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 10.1 8.1 12.1



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

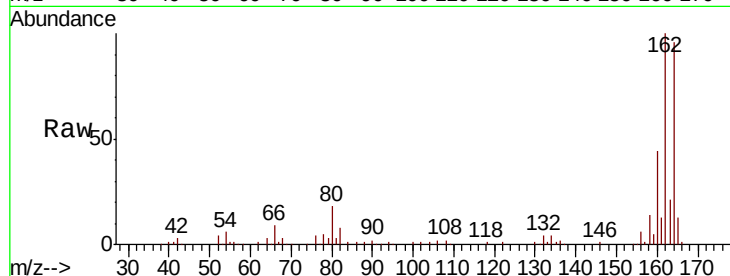




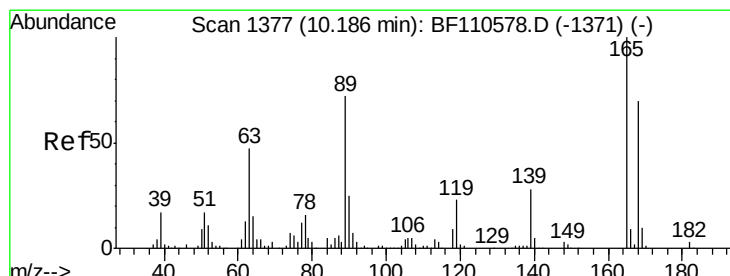
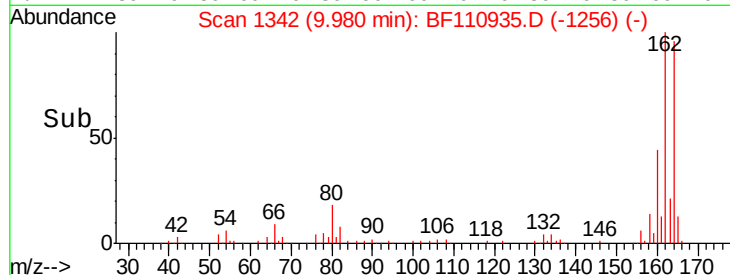
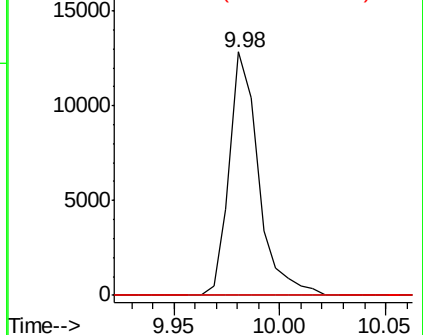
#51
 2,6-Dinitrotoluene
 Concen: 7.695 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Instrument :
 BNA_F
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 PL-01-112018-CRE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



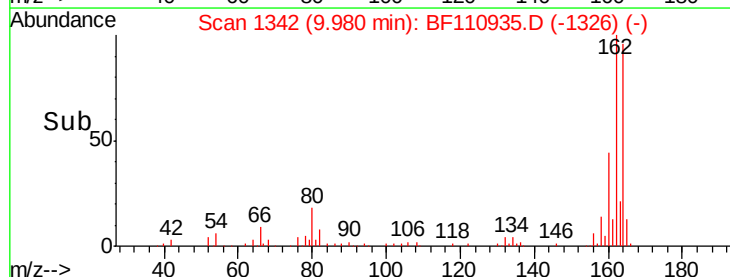
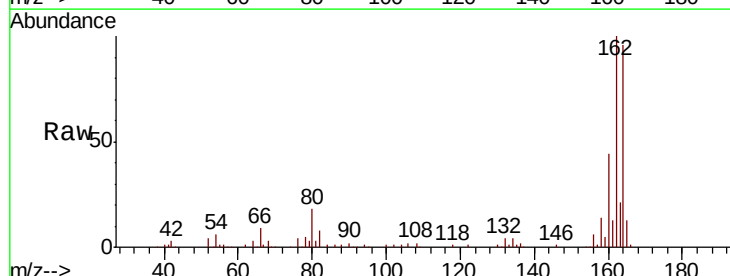
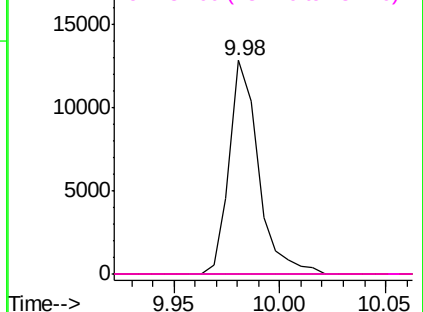
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

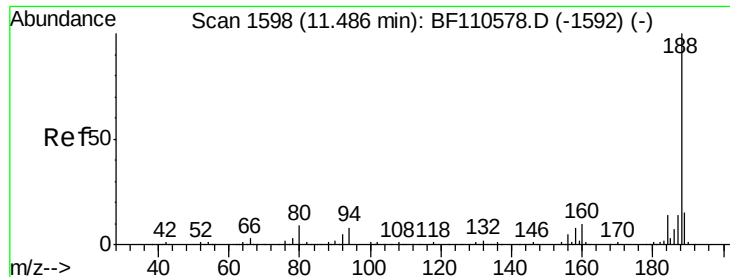


#57
 2,4-Dinitrotoluene
 Concen: 5.918 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	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

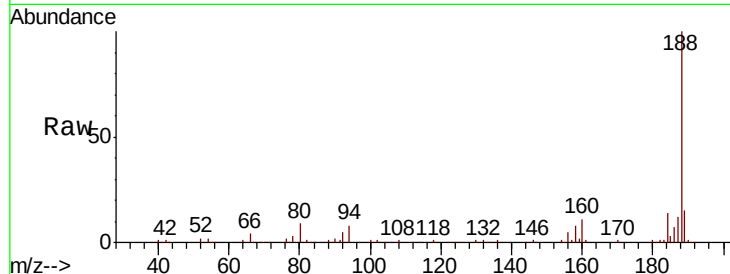




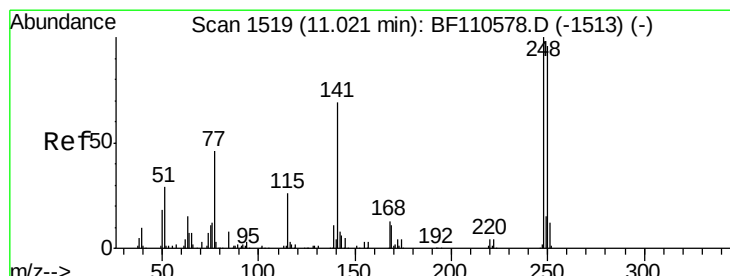
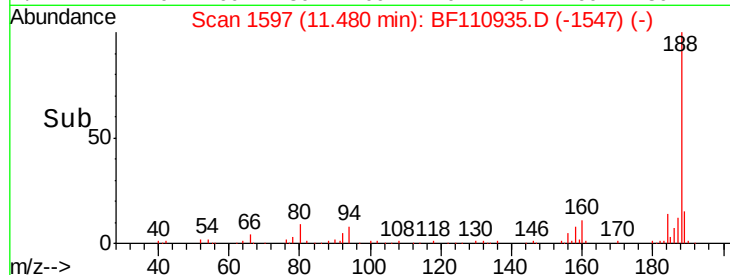
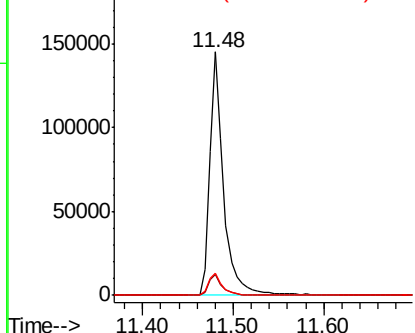
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	155693		
94	8.4		7.2	10.8
80	8.9		7.9	11.9

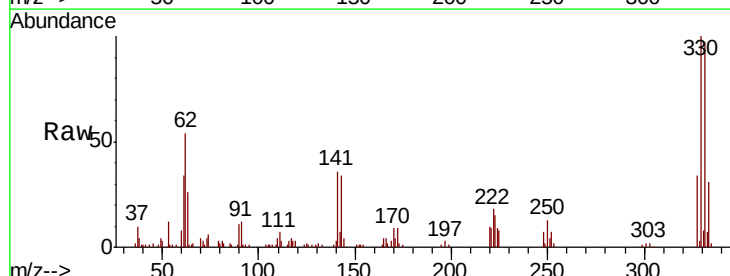


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

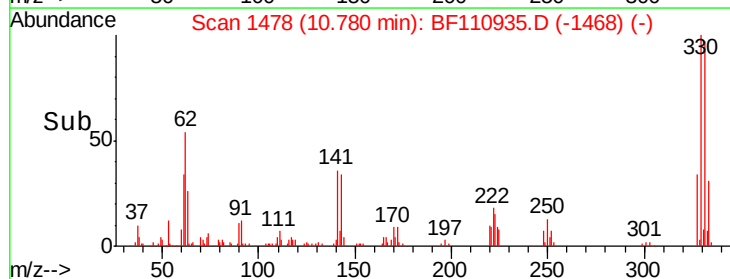
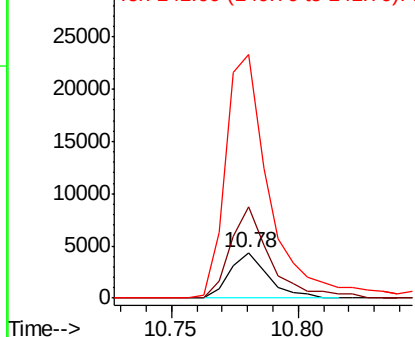


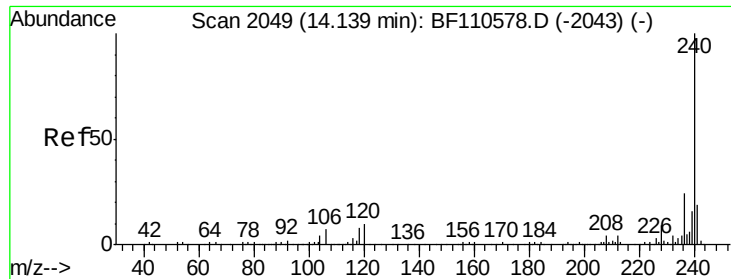
#67
 4-Bromophenyl-phenylether
 Concen: 2.614 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	4498		
250	202.4		79.4	119.2#
141	536.2		55.9	83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

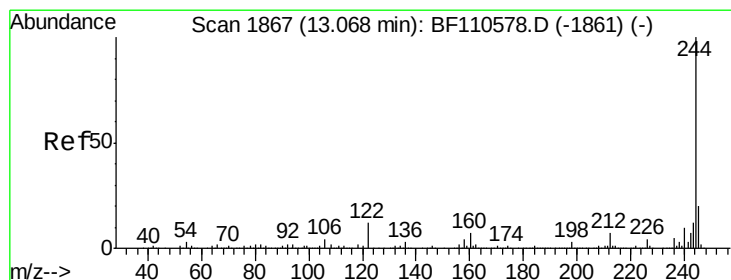
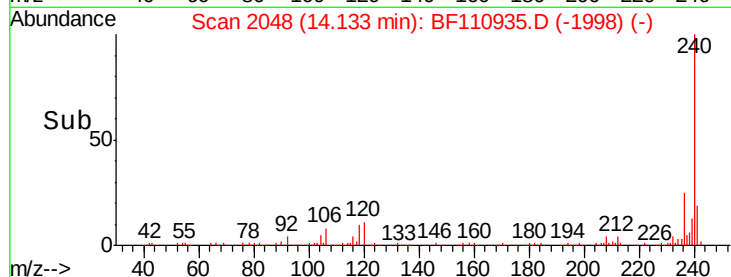
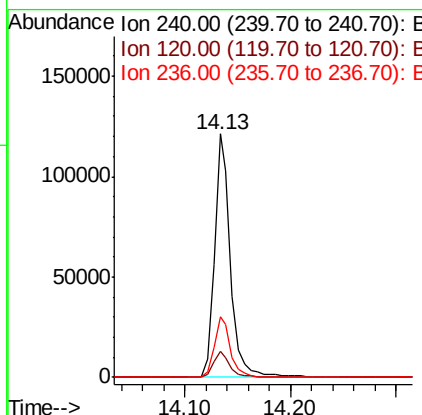
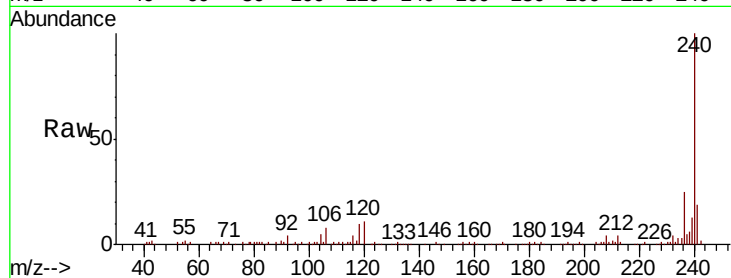




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

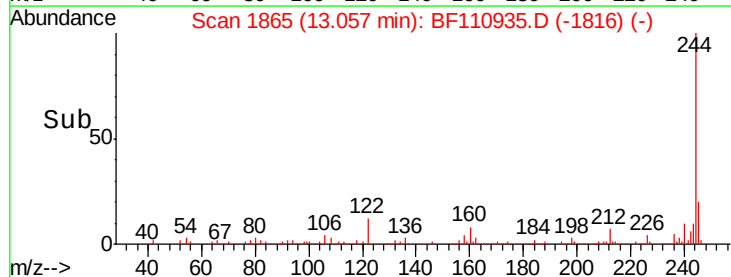
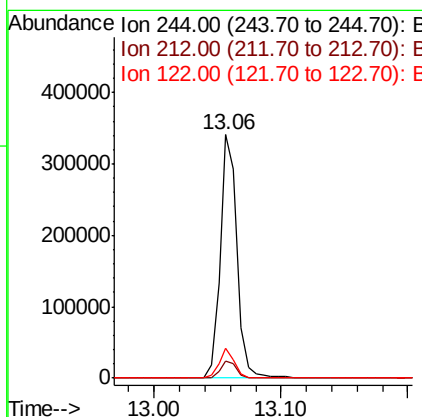
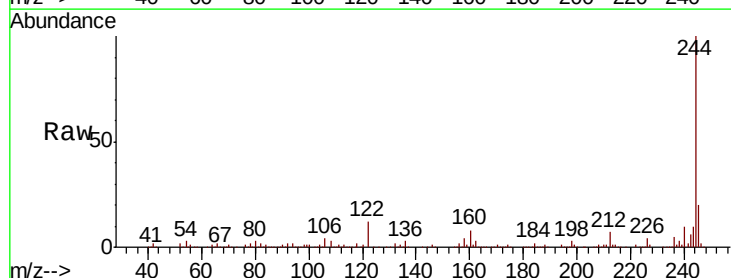
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

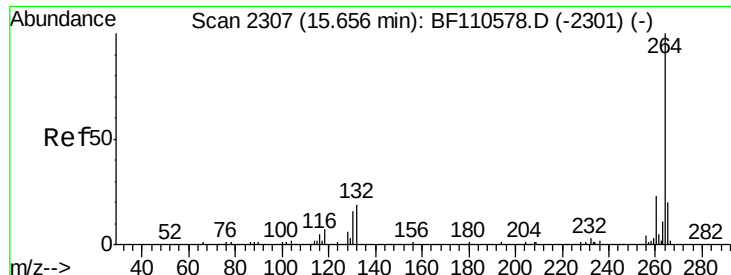
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	24.9	21.2	31.8



#79
 Terphenyl-d14
 Concen: 45.850 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	8.7	13.1

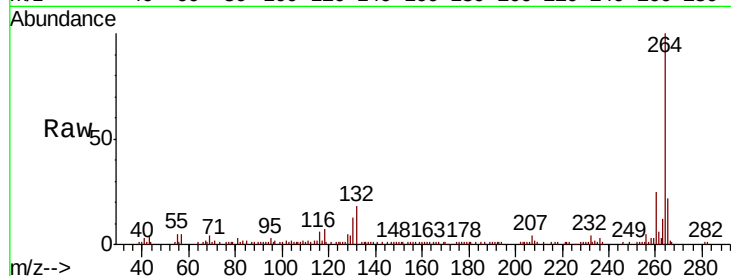




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tgt Ion:	264	Resp:	90652
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.7	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

