

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110871.D
 Acq On : 20 Nov 2018 00:18
 Operator : JU/SJ
 Sample : J5985-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-D-S

Quant Time: Nov 20 05:57:34 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

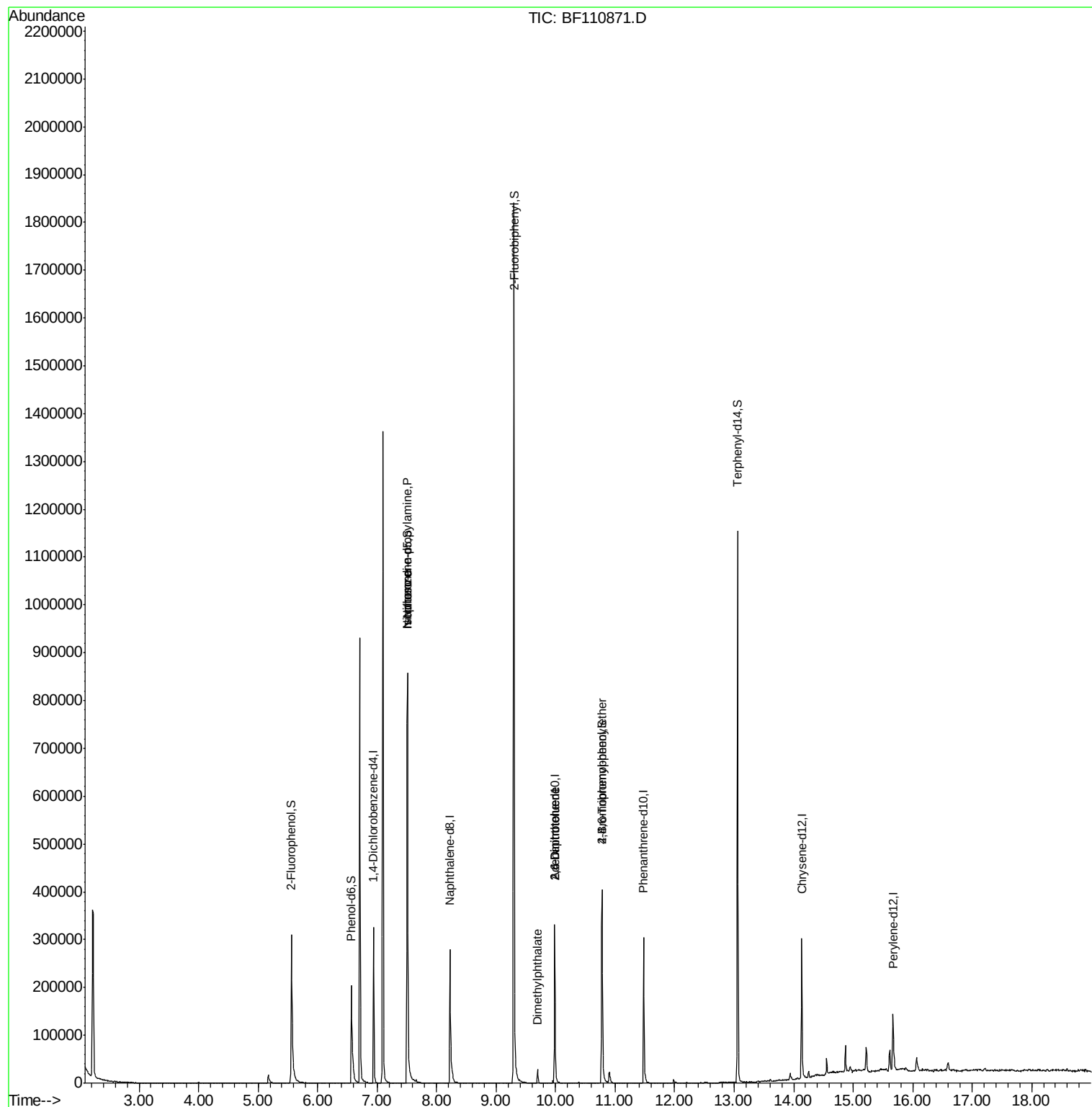
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	50082	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	200507	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	81071	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	131197	20.00	ng	0.00
76) Chrysene-d12	14.13	240	112735	20.00	ng	0.00
87) Perylene-d12	15.67	264	69701	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	129047	41.85	ng	0.00
7) Phenol-d6	6.57	99	97783	24.80	ng	0.00
23) Nitrobenzene-d5	7.51	82	334621	96.11	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	58927	72.14	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	616606	108.62	ng	0.00
79) Terphenyl-d14	13.06	244	417698	69.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	44286	17.596	ng	Qvalue # 79
25) Isophorone	7.51	82	334620	58.639	ng	# 67
50) Dimethylphthalate	9.70	163	19178	3.170	ng	98
51) 2,6-Dinitrotoluene	9.99	165	10050	7.552	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	10050	5.808	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3480	2.400	ng	# 1

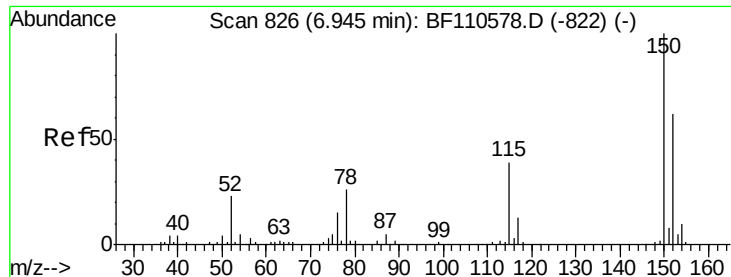
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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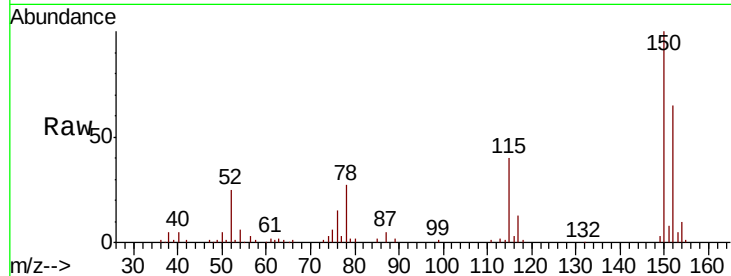




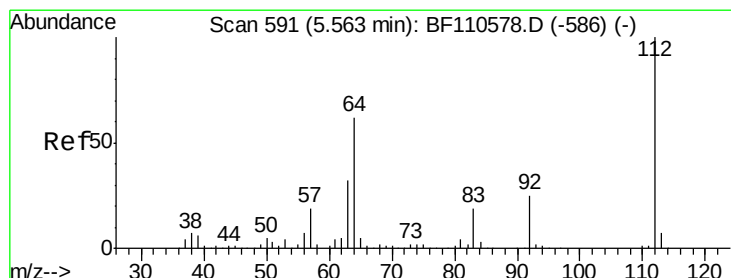
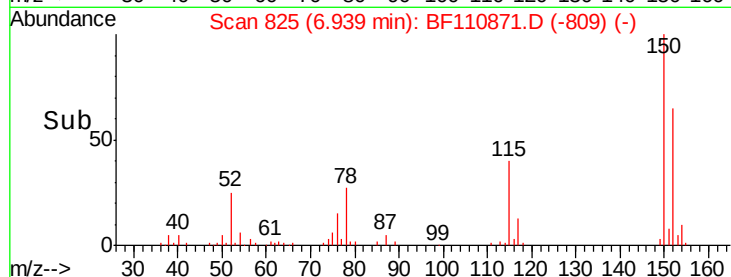
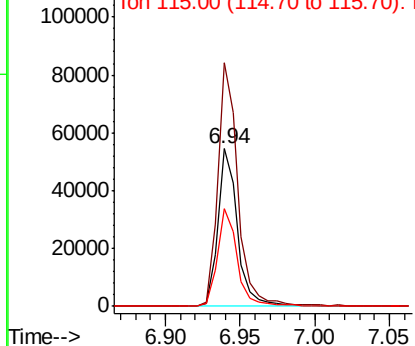
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110871.D
 Acq: 20 Nov 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-D-S

Tgt Ion:152 Resp: 50082
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.7 184.1
 115 62.2 49.1 73.7

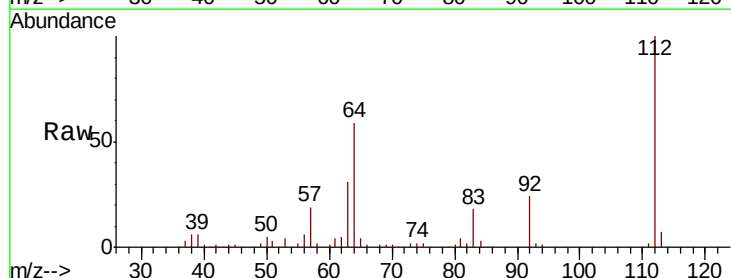


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

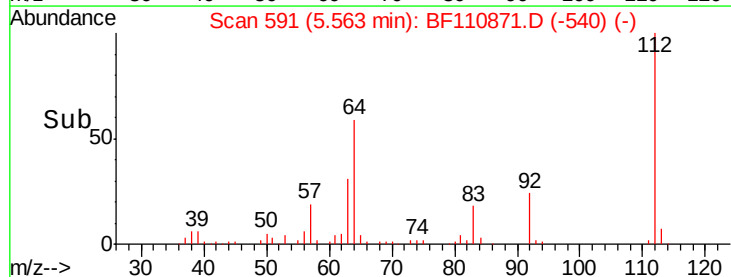
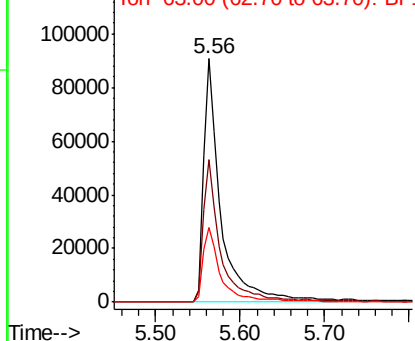


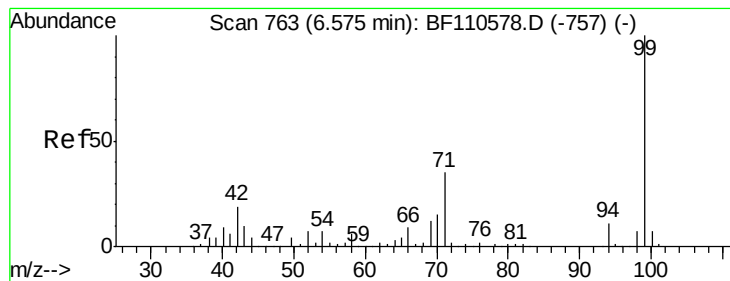
#5
 2-Fluorophenol
 Concen: 41.854 ng
 RT: 5.56 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF110871.D
 Acq: 20 Nov 2018 00:18

Tgt Ion:112 Resp: 129047
 Ion Ratio Lower Upper
 112 100
 64 58.8 44.1 66.1
 63 30.6 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: 24.801 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110871.D

Acq: 20 Nov 2018 00:18

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-D-S

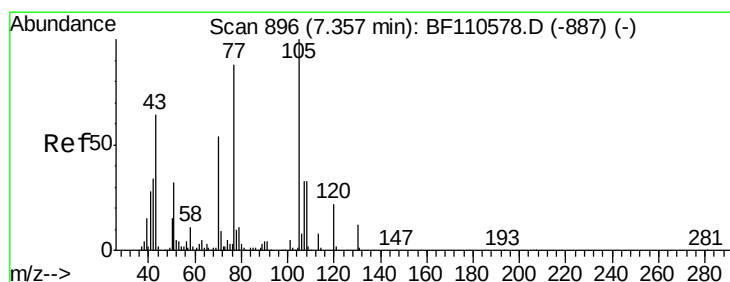
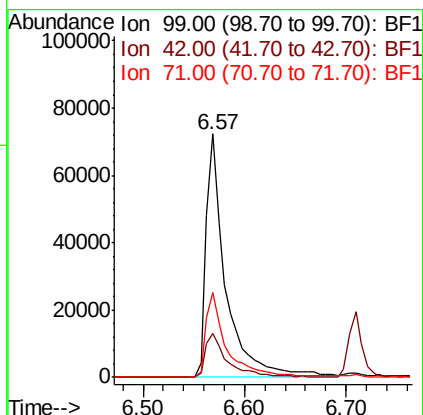
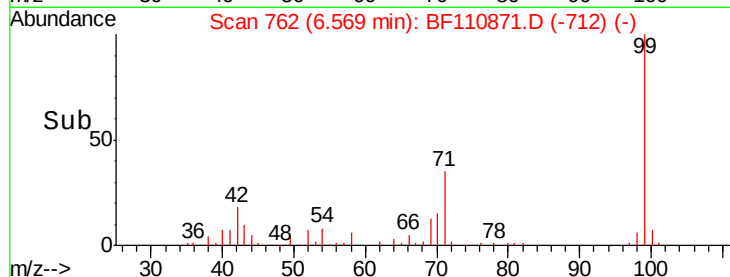
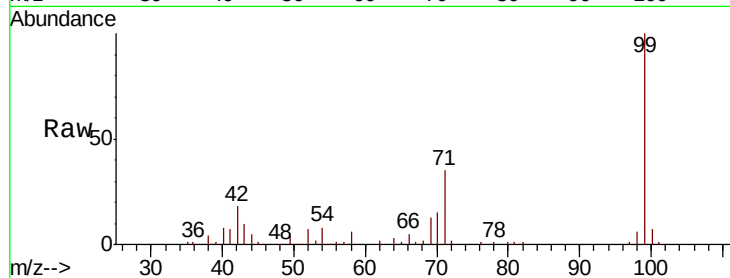
Tgt Ion: 99 Resp: 97783

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

71 34.8 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.596 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110871.D

Acq: 20 Nov 2018 00:18

Tgt Ion: 70 Resp: 44286

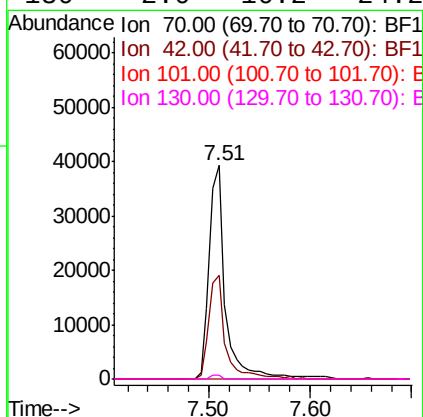
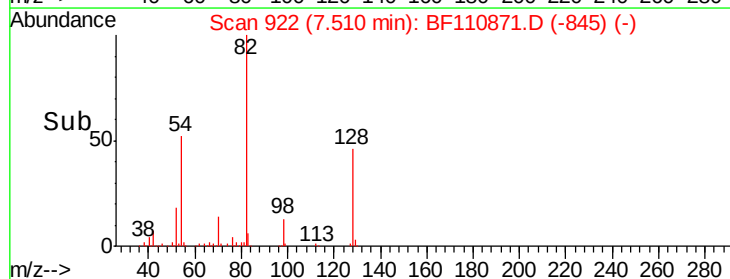
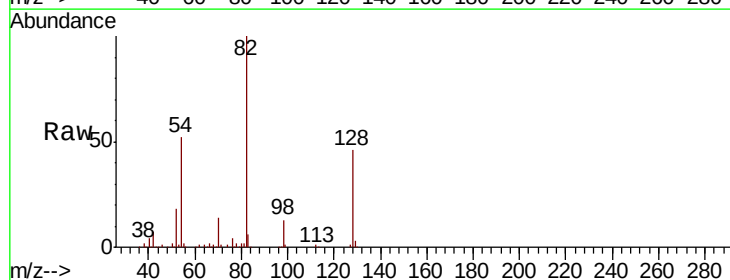
Ion Ratio Lower Upper

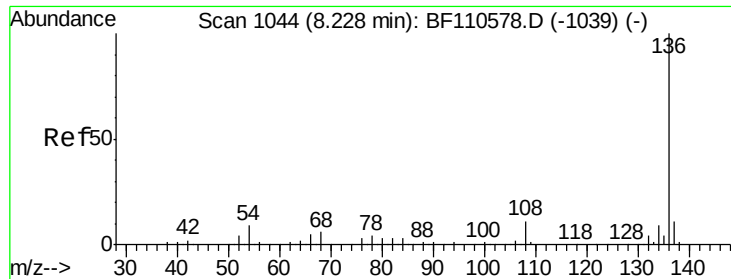
70 100

42 48.3 47.4 71.2

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#

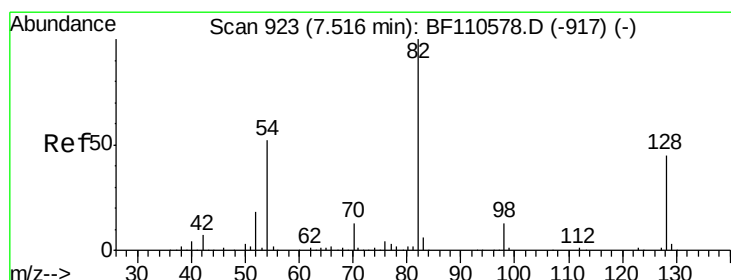
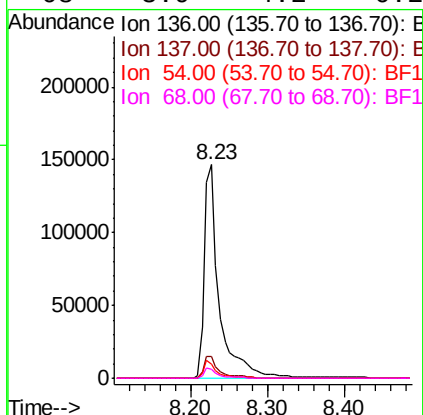
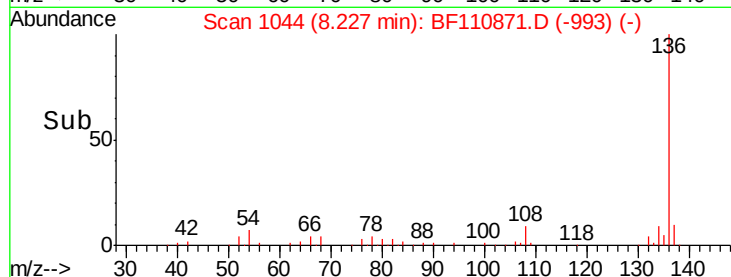
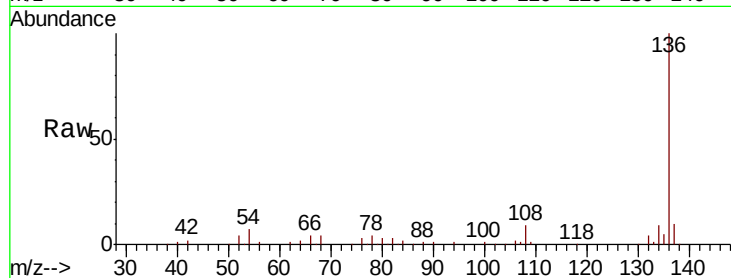




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110871.D
Acq: 20 Nov 2018 00:18

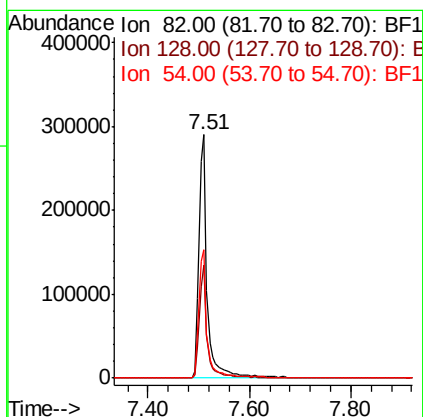
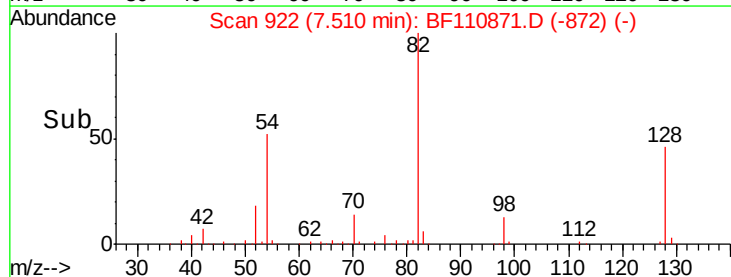
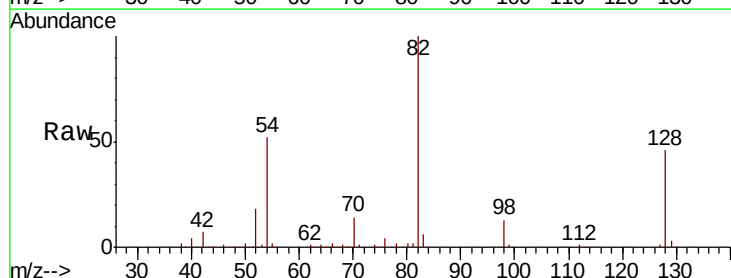
Instrument :
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111518-DBRI-E-D-S

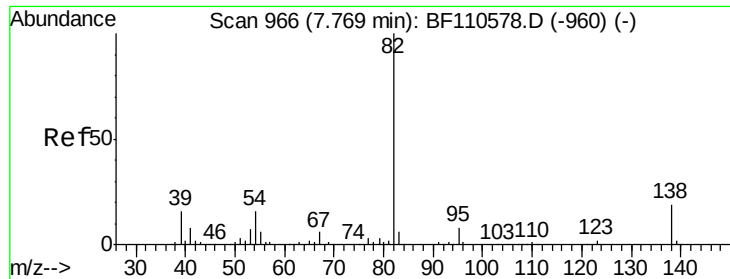
Tgt Ion:	136	Resp:	200507
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	6.8	5.4	8.2
68	3.9	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 96.110 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110871.D
Acq: 20 Nov 2018 00:18

Tgt Ion:	82	Resp:	334621
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	52.5	38.6	58.0





#25

Isophorone

Concen: 58.639 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110871.D

Acq: 20 Nov 2018 00:18

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-D-S

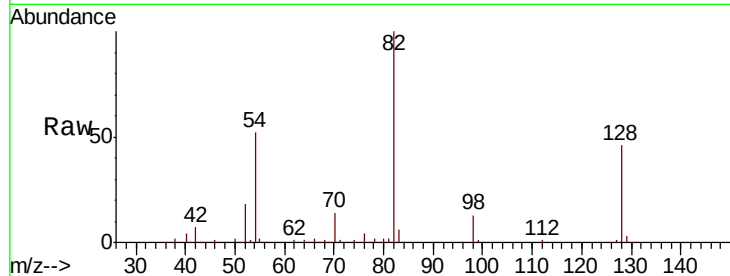
Tgt Ion: 82 Resp: 334620

Ion Ratio Lower Upper

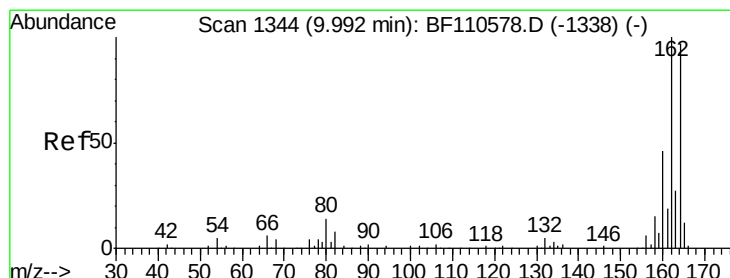
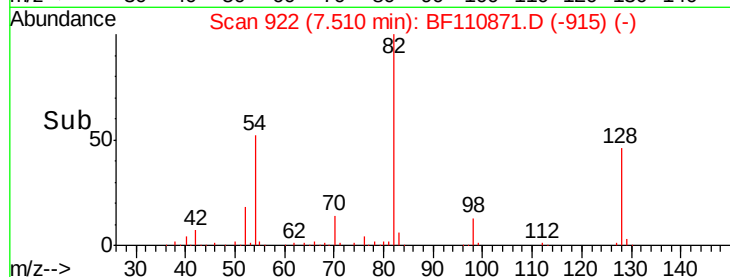
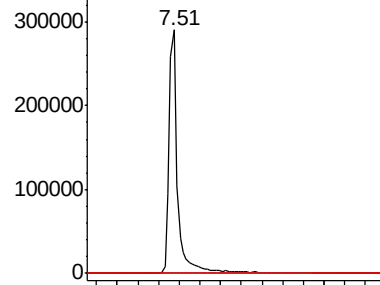
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110871.D

Acq: 20 Nov 2018 00:18

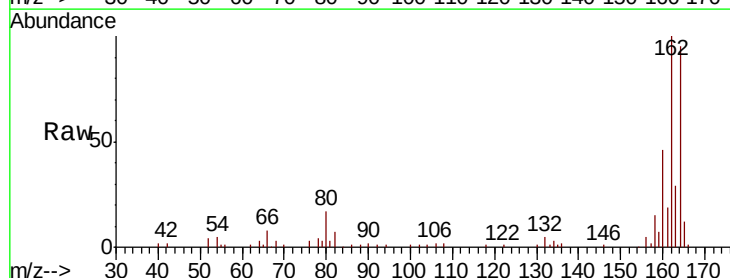
Tgt Ion: 164 Resp: 81071

Ion Ratio Lower Upper

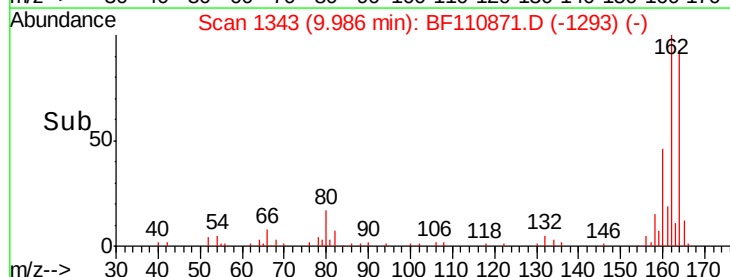
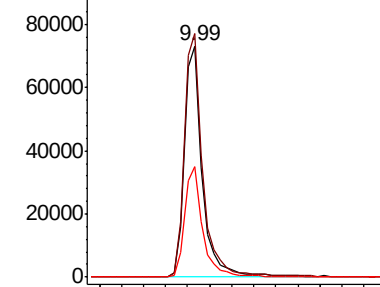
164 100

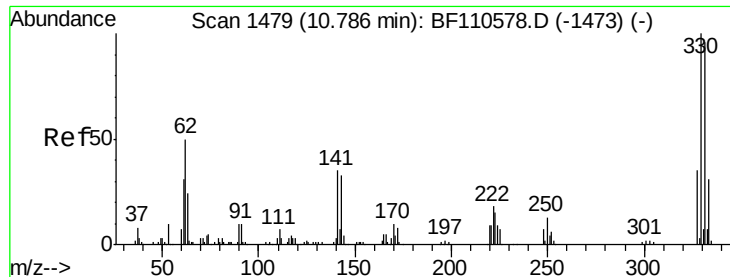
162 105.4 83.0 124.6

160 48.1 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

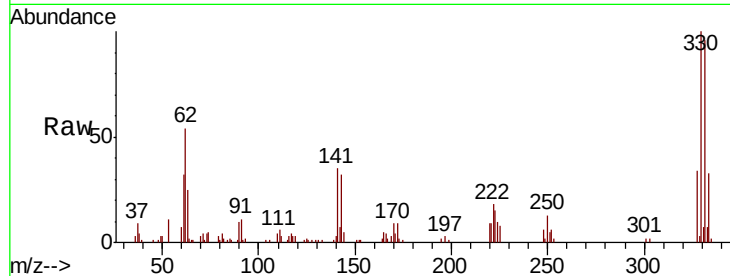




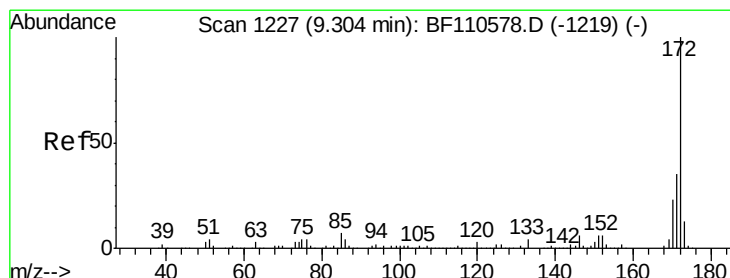
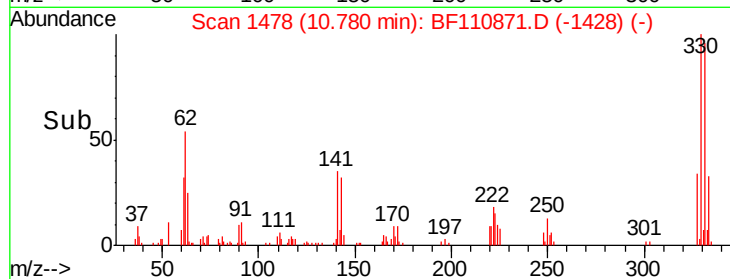
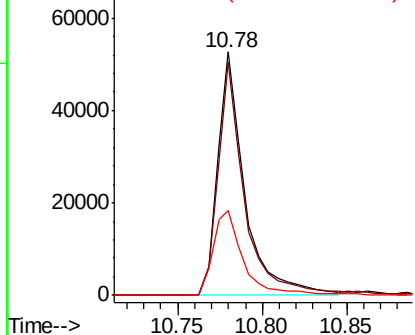
#42
 2,4,6-Tribromophenol
 Concen: 72.136 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110871.D
 Acq: 20 Nov 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	39.0	27.0	40.4

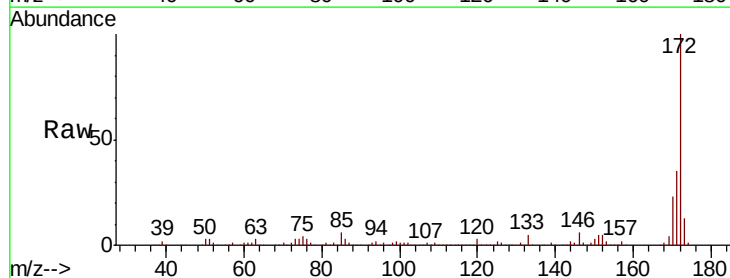


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

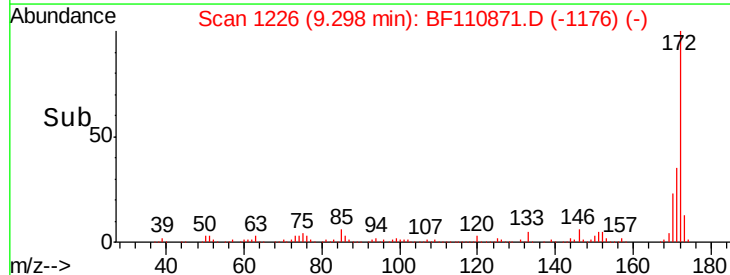
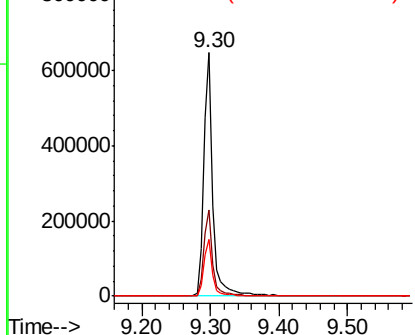


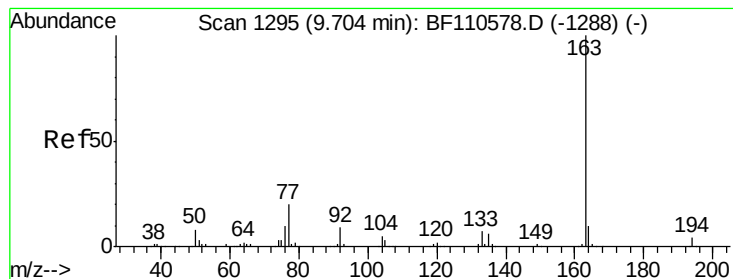
#45
 2-Fluorobiphenyl
 Concen: 108.624 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110871.D
 Acq: 20 Nov 2018 00:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.1	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: 3.170 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110871.D

Acq: 20 Nov 2018 00:18

Instrument :

BNA_F

ClientSampleId :

111518-DBRI-E-D-S

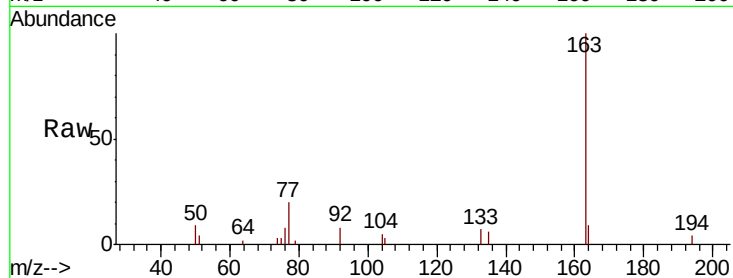
Tgt Ion:163 Resp: 19178

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

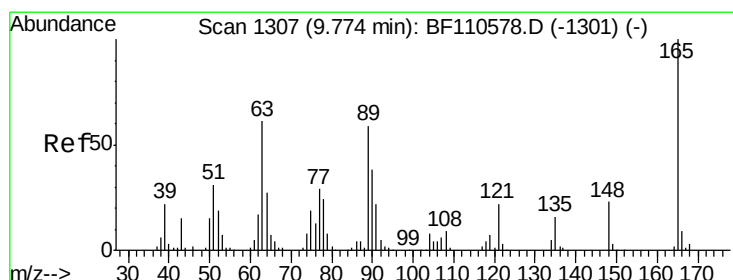
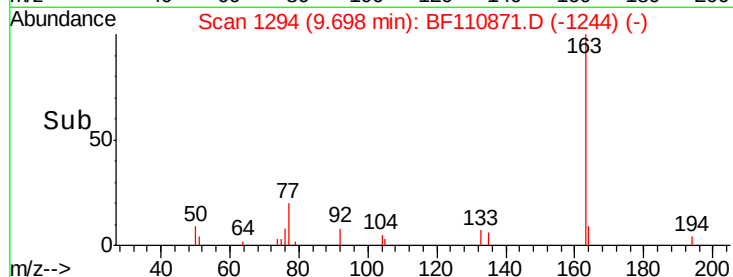
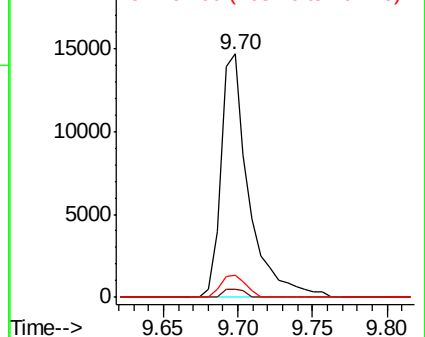
164 9.4 8.1 12.1



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: 7.552 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF110871.D

Acq: 20 Nov 2018 00:18

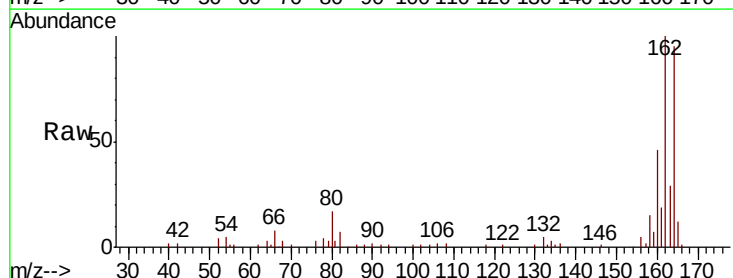
Tgt Ion:165 Resp: 10050

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

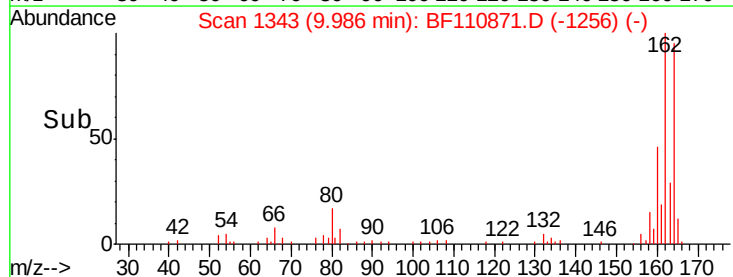
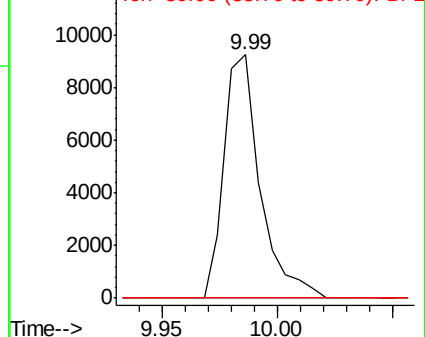
89 0.0 46.6 69.8#

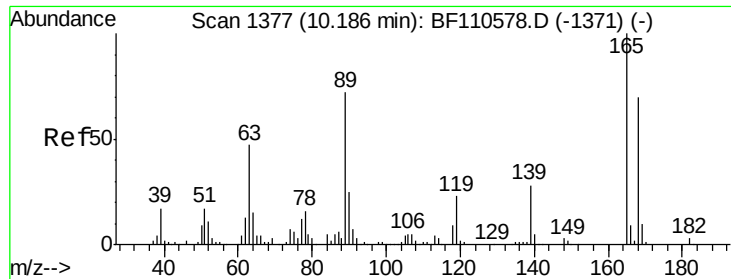


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

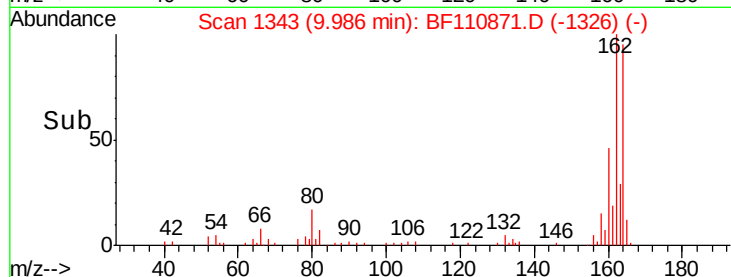
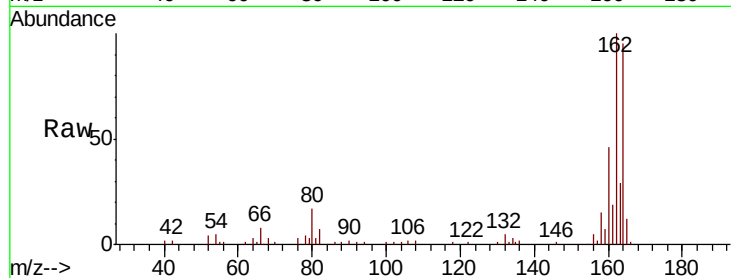




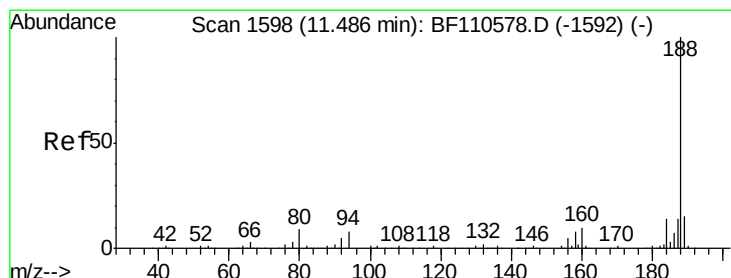
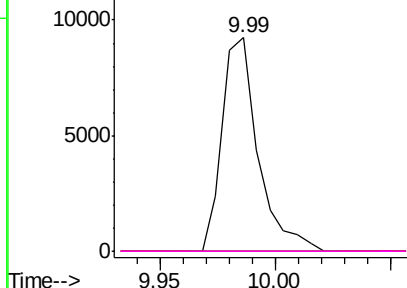
#57
 2,4-Dinitrotoluene
 Concen: 5.808 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110871.D
 Acq: 20 Nov 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-D-S

Tgt Ion:	165	Resp:	10050
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#

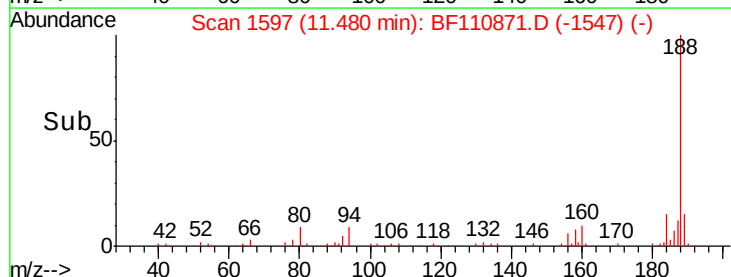
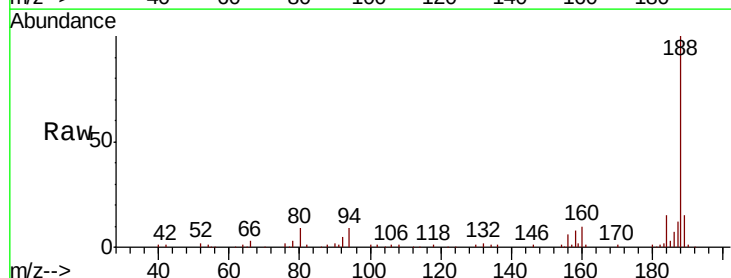


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

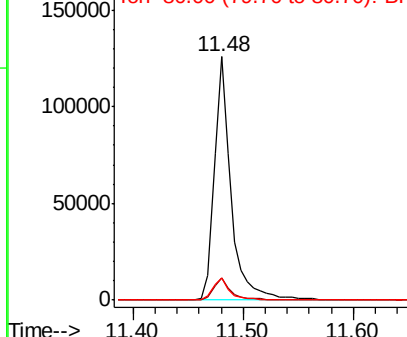


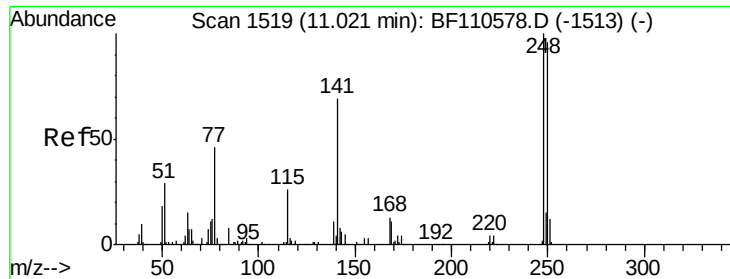
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110871.D
 Acq: 20 Nov 2018 00:18

Tgt Ion:	188	Resp:	131197
Ion	Ratio	Lower	Upper
188	100		
94	9.0	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

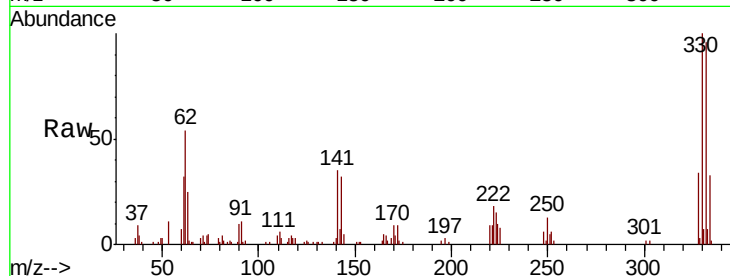




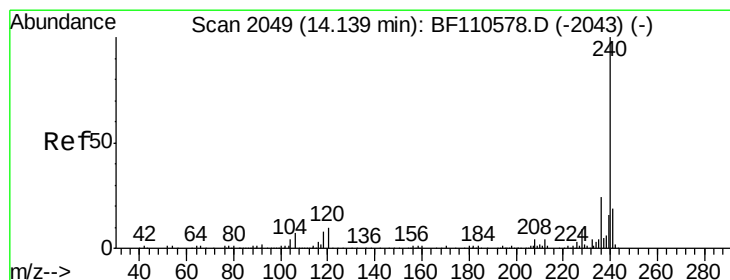
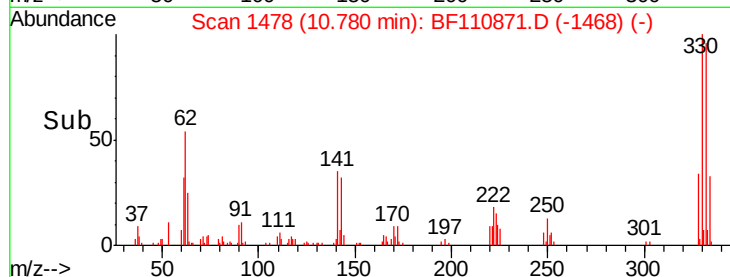
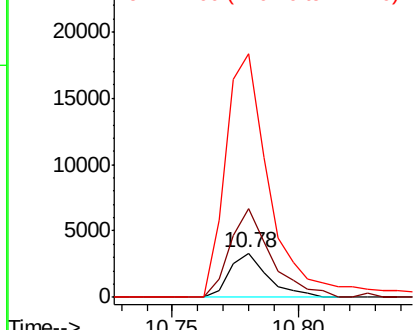
#67
4-Bromophenyl-phenylether
Concen: 2.400 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110871.D
Acq: 20 Nov 2018 00:18

Instrument :
BNA_F
ClientSampleId :
111518-DBRI-E-D-S

Tgt Ion:248 Resp: 3480
Ion Ratio Lower Upper
248 100
250 202.3 79.4 119.2#
141 553.5 55.9 83.9#

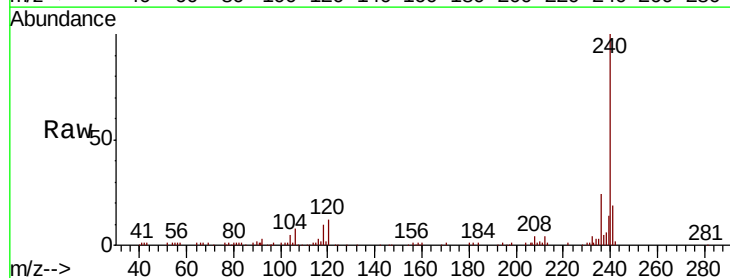


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

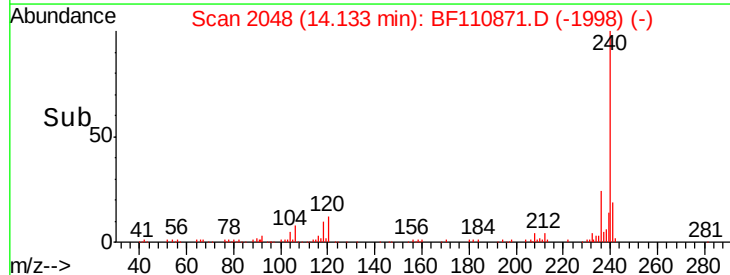
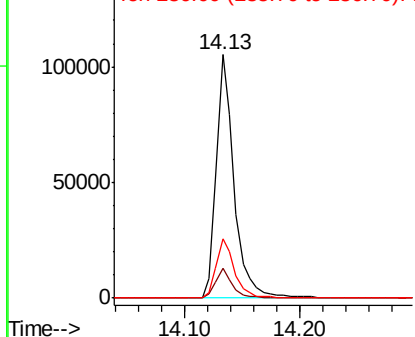


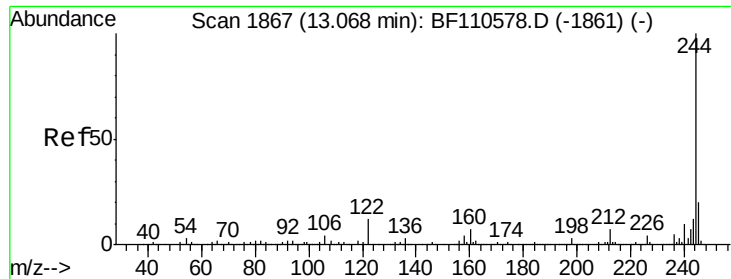
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110871.D
Acq: 20 Nov 2018 00:18

Tgt Ion:240 Resp: 112735
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 24.1 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

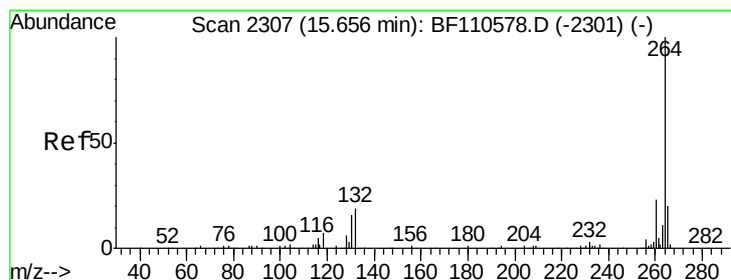
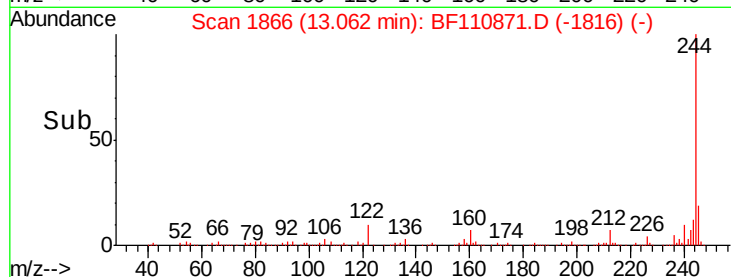
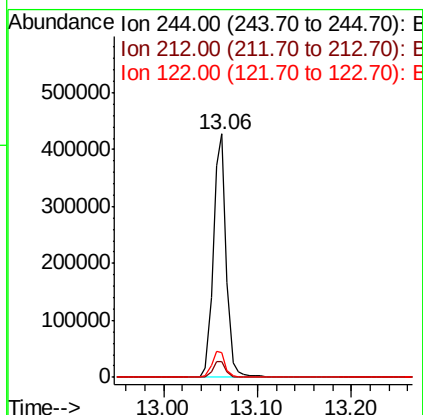
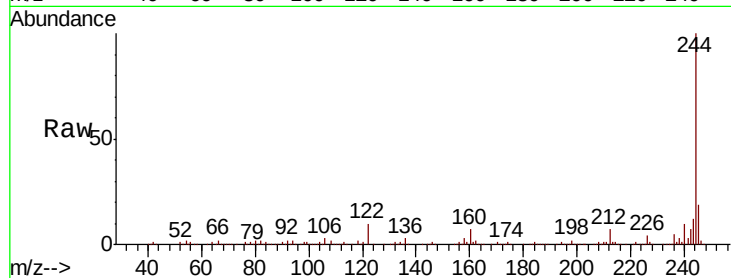




#79
 Terphenyl-d14
 Concen: 69.388 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110871.D
 Acq: 20 Nov 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 111518-DBRI-E-D-S

Tgt Ion:244 Resp: 417698
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.4 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: BF110871.D
 Acq: 20 Nov 2018 00:18

Tgt Ion:264 Resp: 69701
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.2 16.7 25.1

