

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112895.D
 Acq On : 6 Mar 2019 21:28
 Operator : JU/SJ
 Sample : K1753-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-7

Quant Time: Mar 07 04:21:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

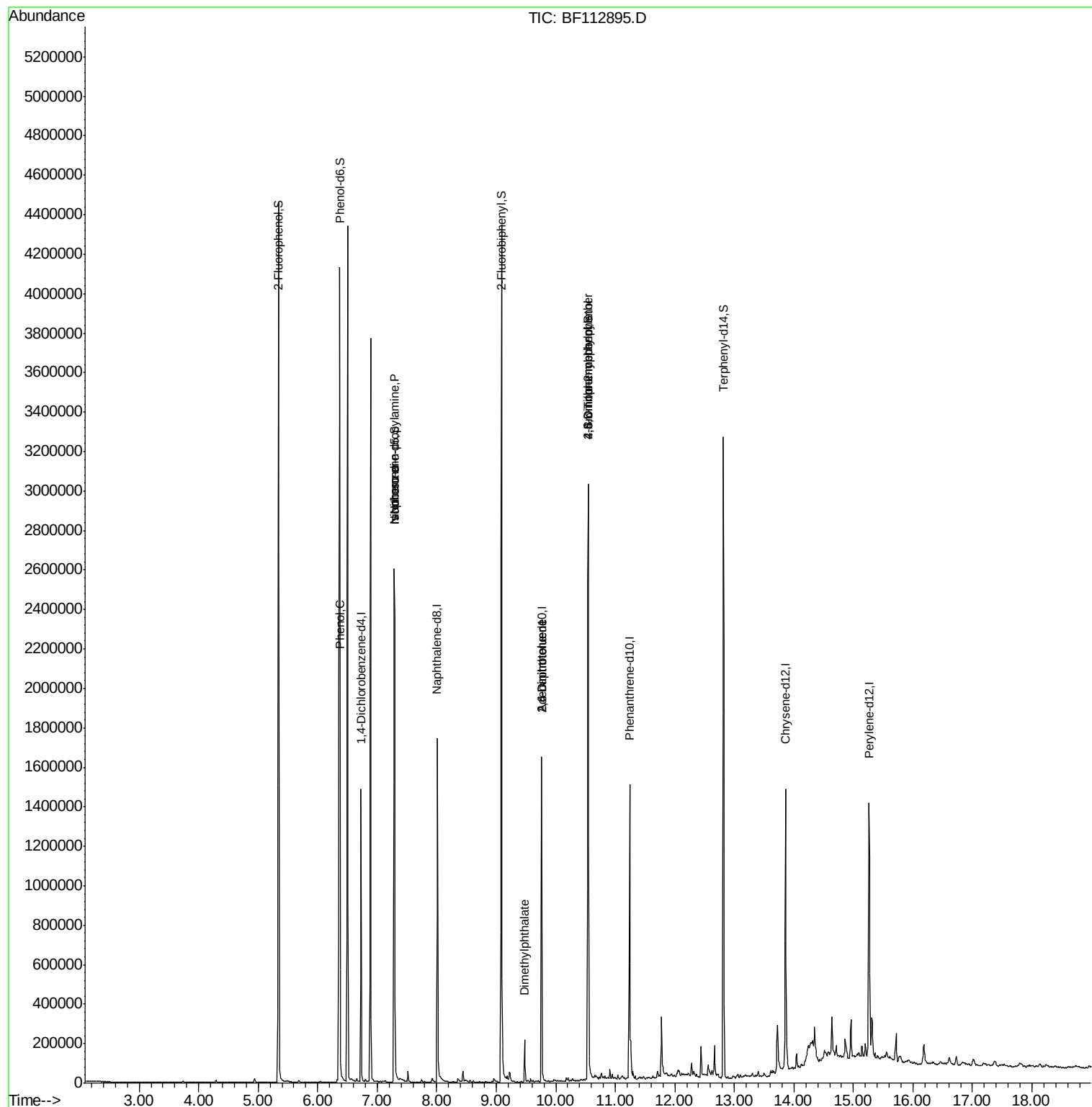
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	228984	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	886671	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	359633	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	652624	20.00	ng	0.00
76) Chrysene-d12	13.86	240	529206	20.00	ng	-0.01
87) Perylene-d12	15.26	264	621143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1334978	90.69	ng	0.00
7) Phenol-d6	6.37	99	1575853	85.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	952415	64.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	436772	114.40	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1498565	64.86	ng	-0.01
79) Terphenyl-d14	12.82	244	1106919	40.55	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	129359	5.995	ng	85
19) n-Nitroso-di-n-propylamine	7.29	70	124885	10.664	ng	# 77
25) Isophorone	7.29	82	941319	29.487	ng	# 66
50) Dimethylphthalate	9.48	163	92916	3.504	ng	98
51) 2,6-Dinitrotoluene	9.76	165	45883	8.309	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	45883	6.685	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	728	4.858	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	24367	3.545	ng	# 1

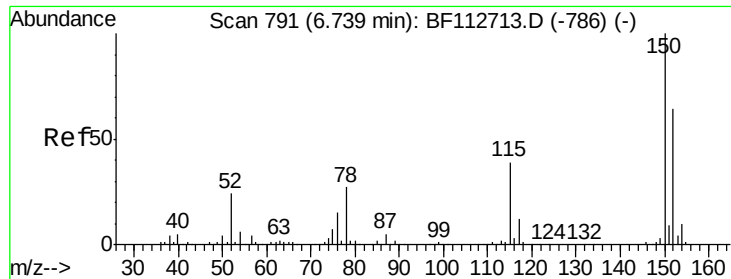
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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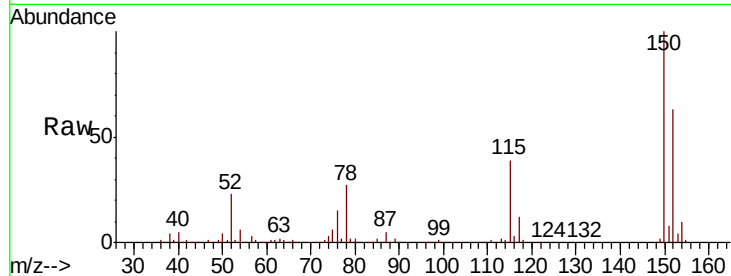


#1

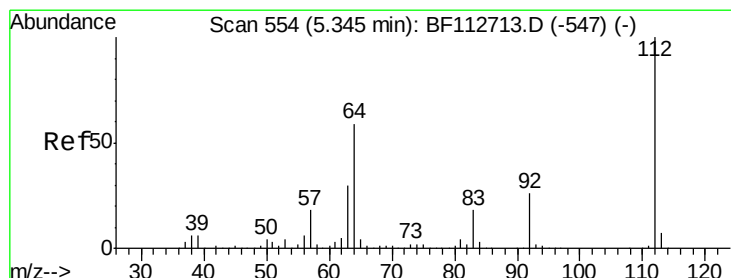
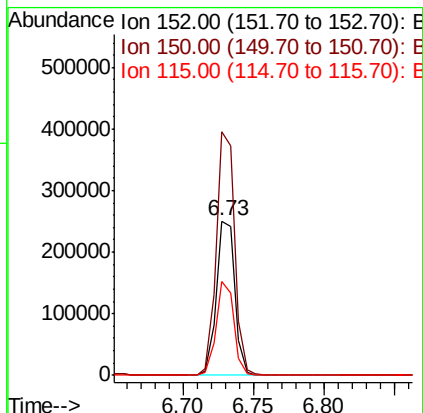
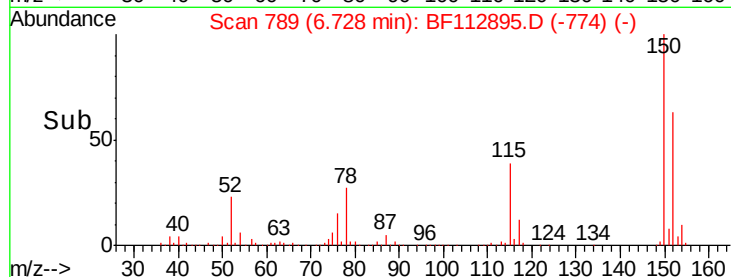
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112895.D
 Acq: 6 Mar 2019 21:28

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-7

Tgt Ion:152 Resp: 228984
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.2 186.2
 115 60.9 48.2 72.4



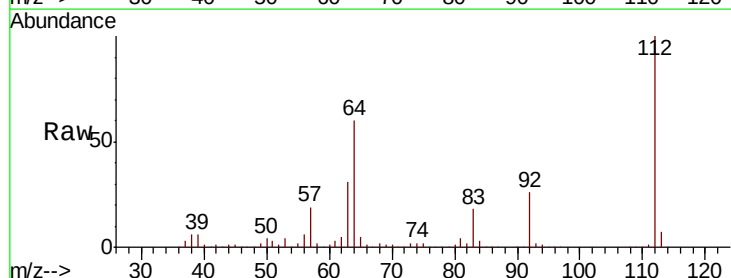
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



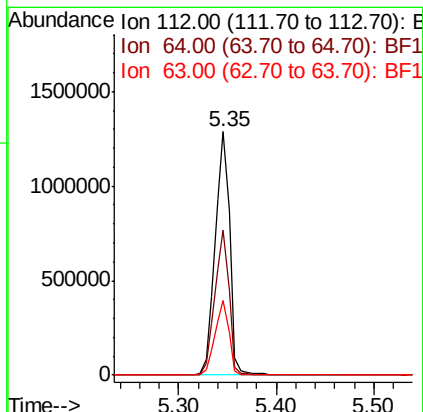
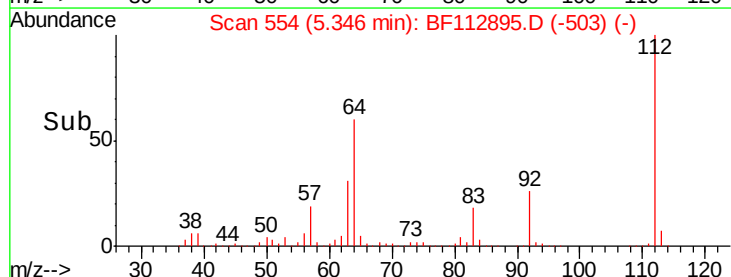
#5

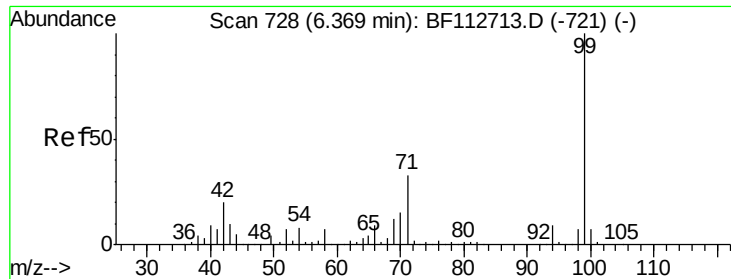
2-Fluorophenol
 Concen: 90.688 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112895.D
 Acq: 6 Mar 2019 21:28

Tgt Ion:112 Resp: 1334978
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.6 71.4
 63 30.9 24.4 36.6



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: 85.221 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

Instrument :

BNA_F

ClientSampleId :

Z-2-7

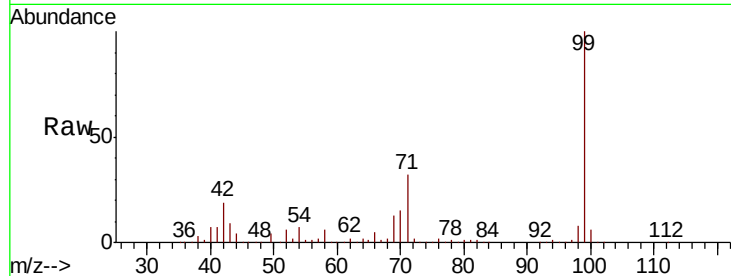
Tgt Ion: 99 Resp: 1575853

Ion Ratio Lower Upper

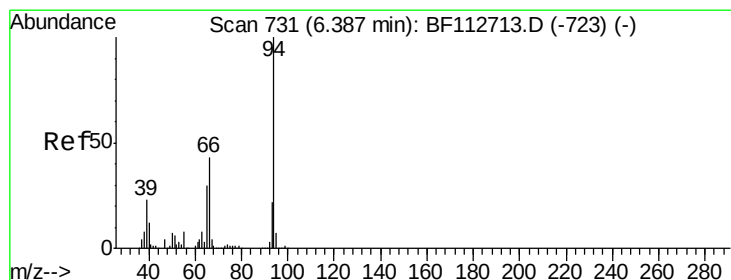
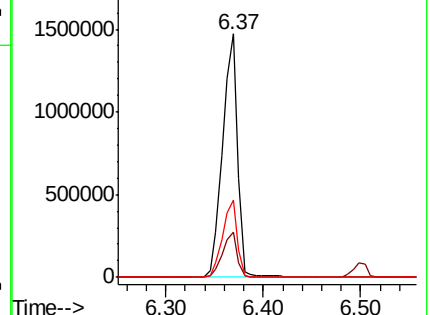
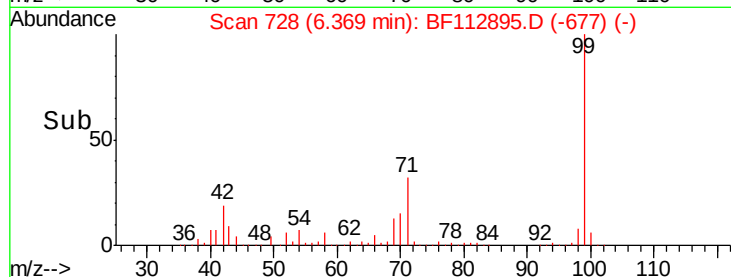
99 100

42 18.6 16.3 24.5

71 31.6 26.2 39.4



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: 5.995 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

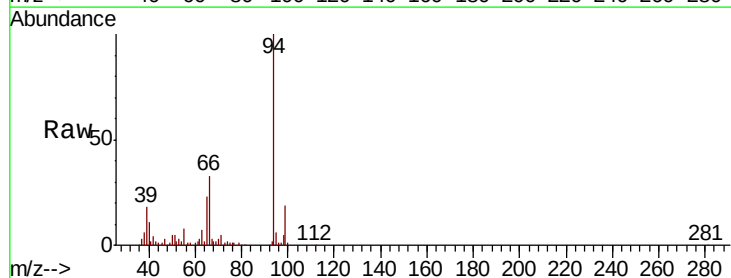
Tgt Ion: 94 Resp: 129359

Ion Ratio Lower Upper

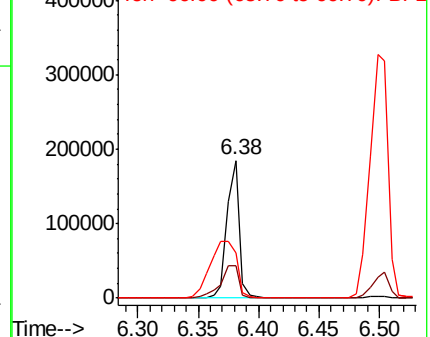
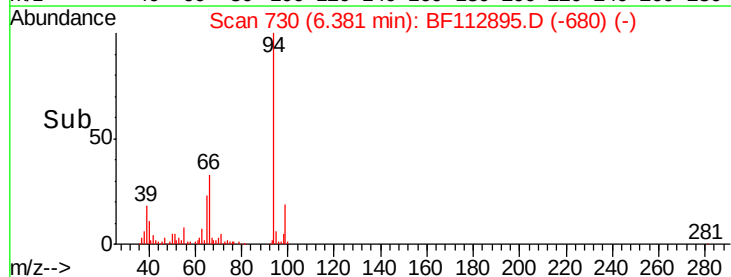
94 100

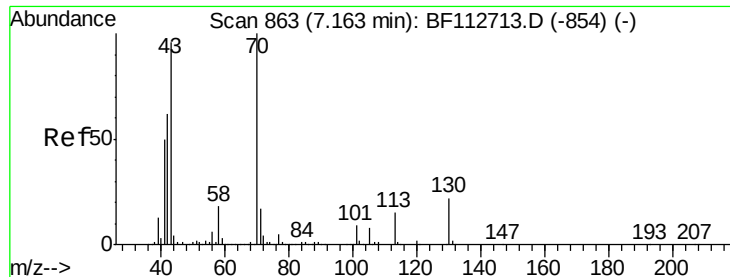
65 23.4 10.5 50.5

66 32.6 22.6 62.6



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: 10.664 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

Instrument :

BNA_F

ClientSampleId :

Z-2-7

Tgt Ion: 70 Resp: 124885

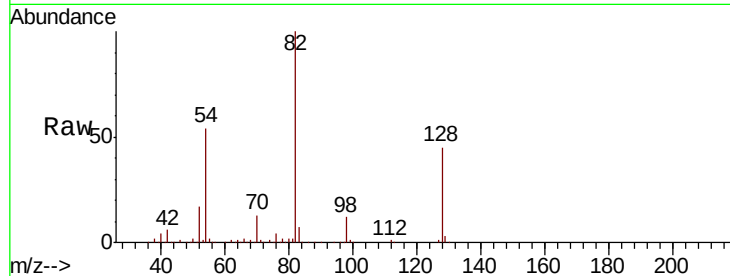
Ion Ratio Lower Upper

70 100

42 49.5 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

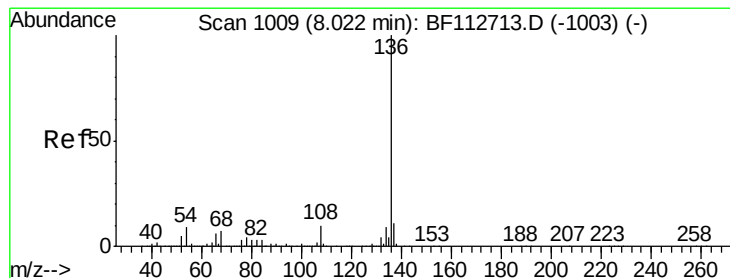
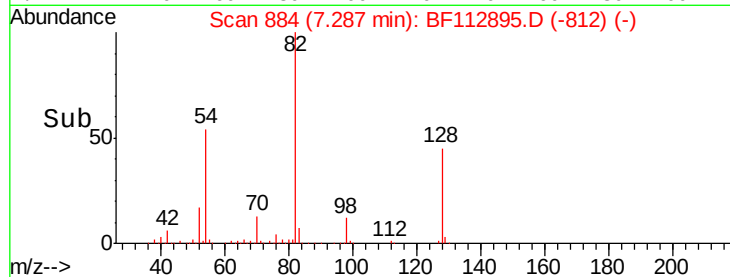
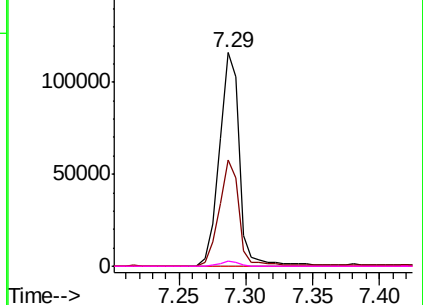


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

Tgt Ion: 136 Resp: 886671

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.6 7.3 10.9

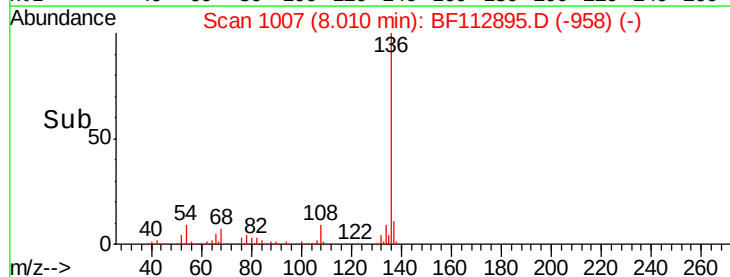
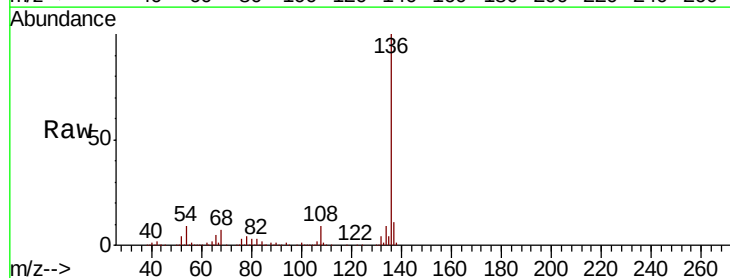
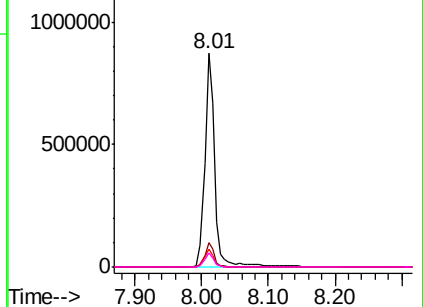
68 6.6 5.4 8.2

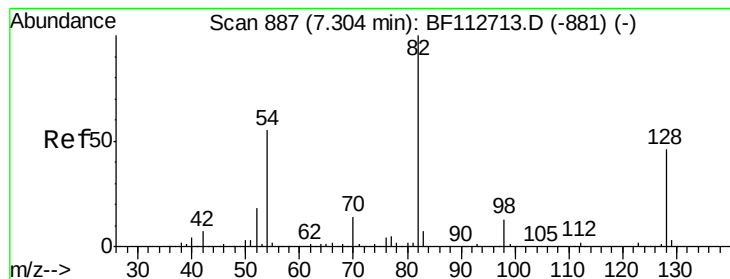
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 64.275 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

Instrument :

BNA_F

ClientSampled :

Z-2-7

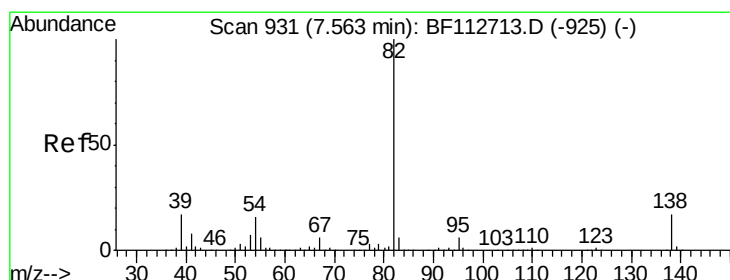
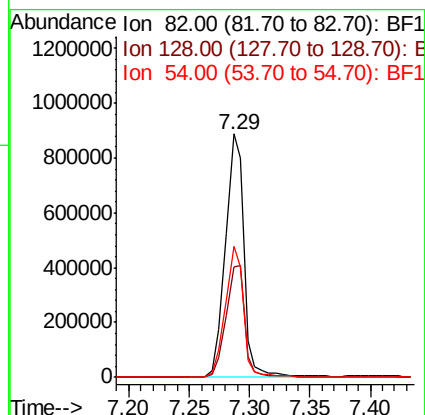
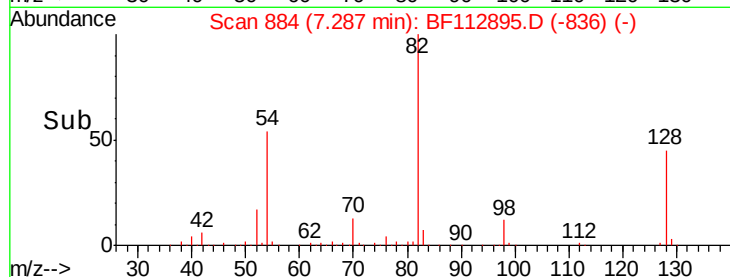
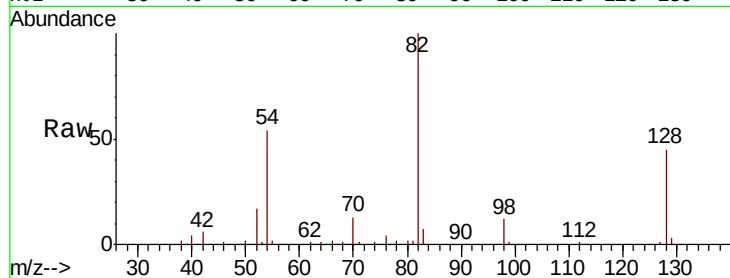
Tgt Ion: 82 Resp: 952415

Ion Ratio Lower Upper

82 100

128 45.3 36.3 54.5

54 54.0 43.7 65.5



#25

Isophorone

Concen: 29.487 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

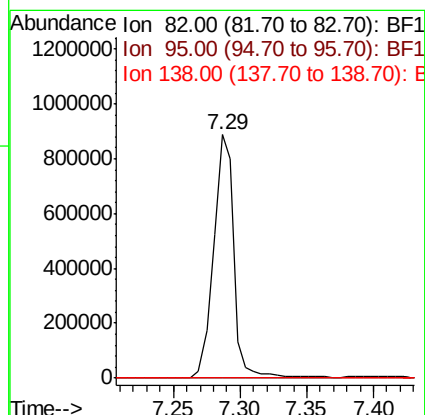
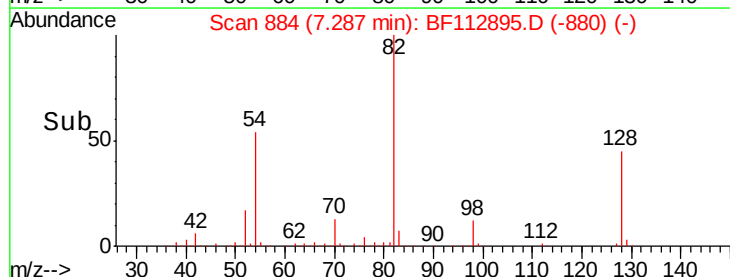
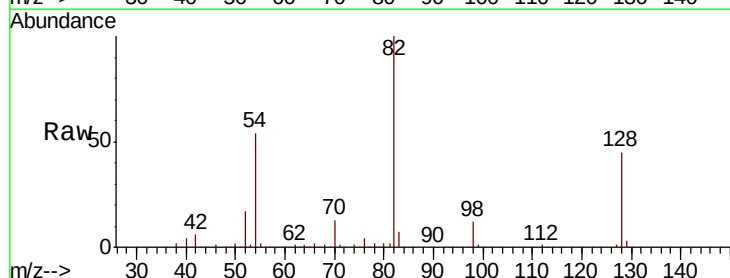
Tgt Ion: 82 Resp: 941319

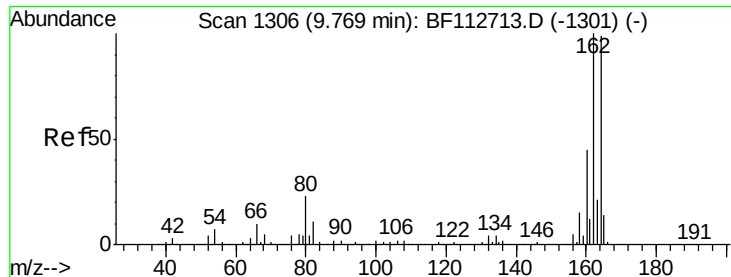
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#

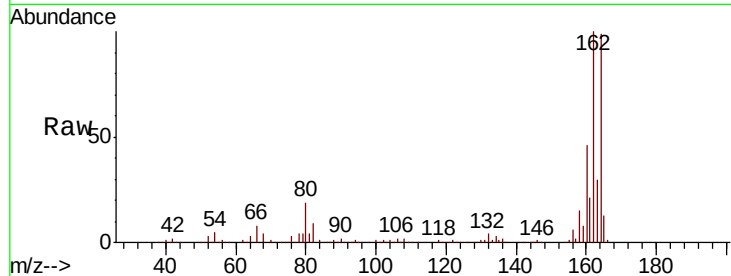




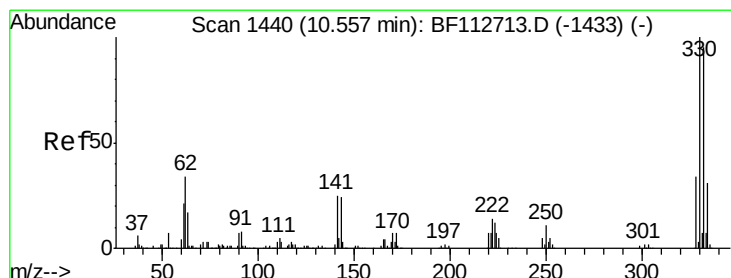
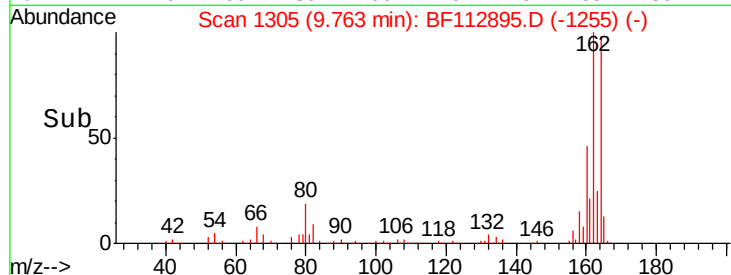
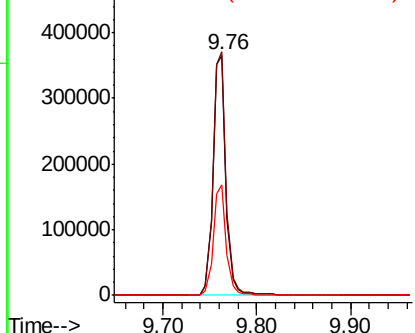
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112895.D
Acq: 6 Mar 2019 21:28

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	46.3	36.0	54.0

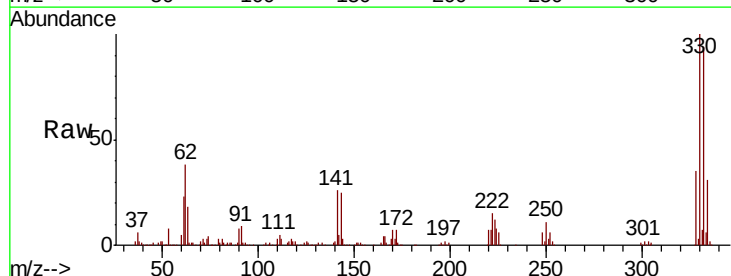


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

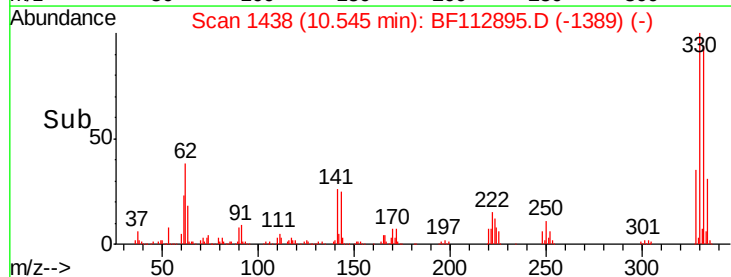
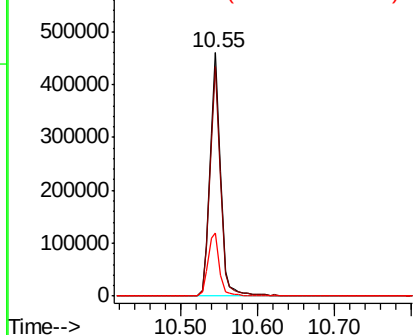


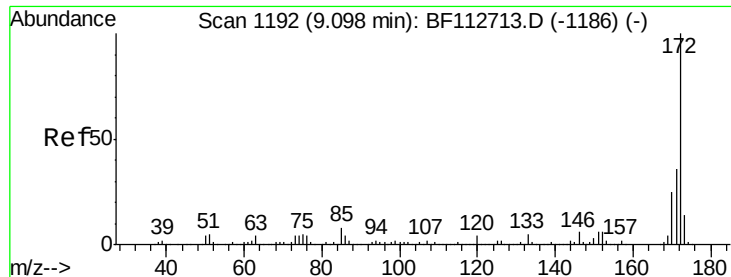
#42
2,4,6-Tribromophenol
Concen: 114.399 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112895.D
Acq: 6 Mar 2019 21:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	28.3	27.0	40.6



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

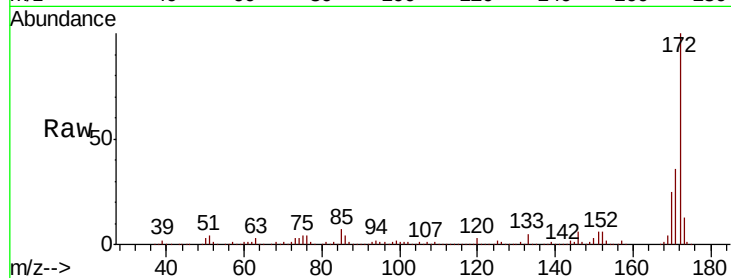




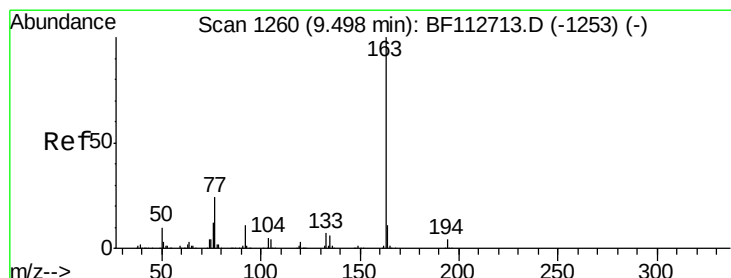
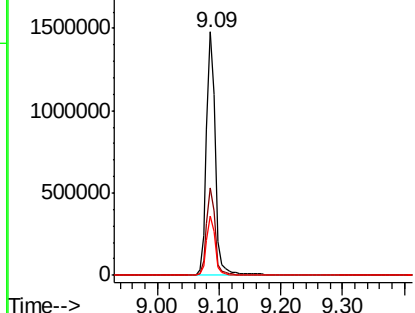
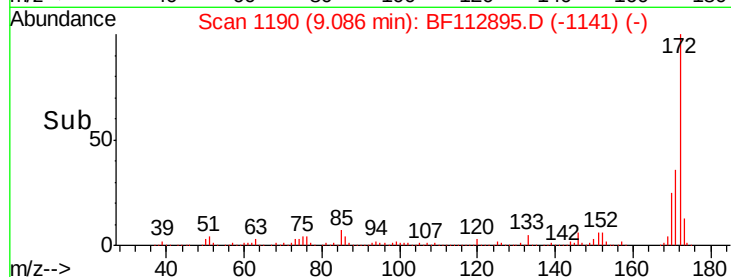
#45
 2-Fluorobiphenyl
 Concen: 64.858 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112895.D
 Acq: 6 Mar 2019 21:28

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-7

Tgt Ion:172 Resp: 1498565
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.6 20.0 30.0

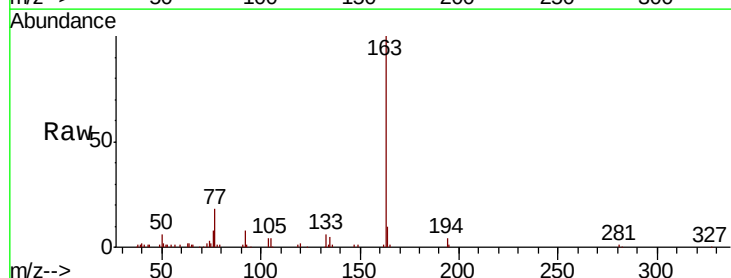


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

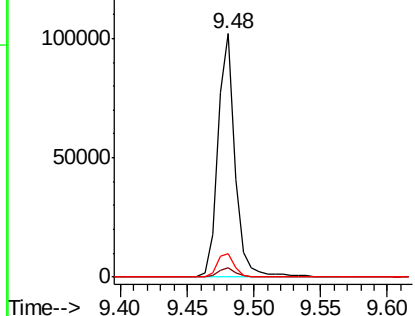
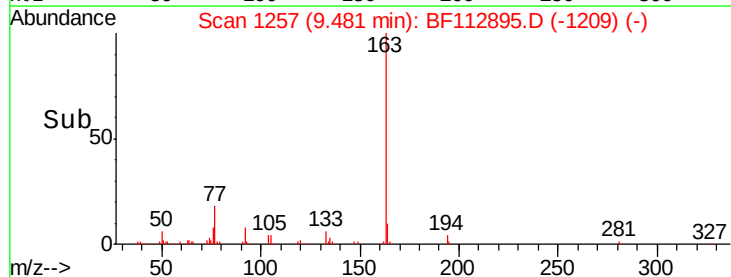


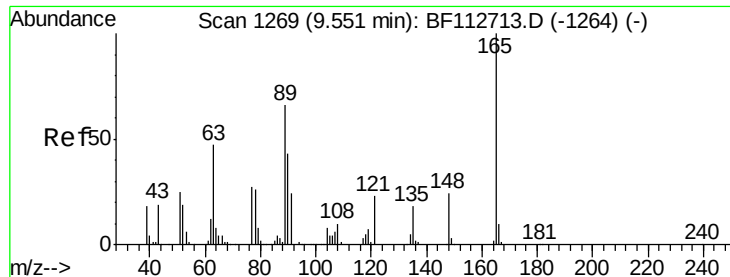
#50
 Dimethylphthalate
 Concen: 3.504 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF112895.D
 Acq: 6 Mar 2019 21:28

Tgt Ion:163 Resp: 92916
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.6 8.4 12.6



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

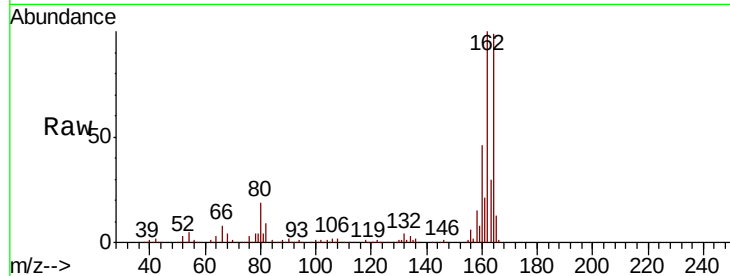




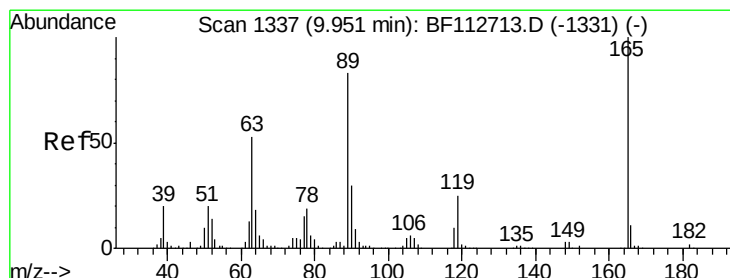
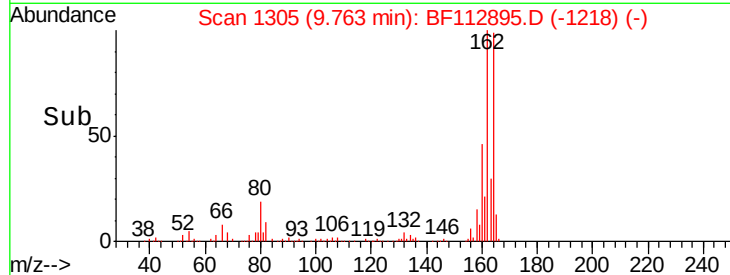
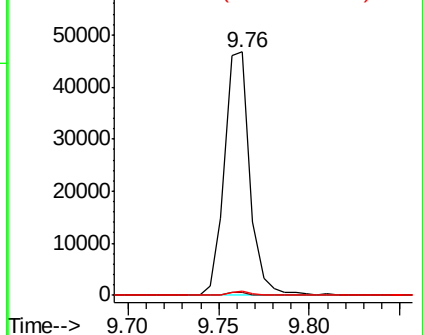
#51
 2,6-Dinitrotoluene
 Concen: 8.309 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.21 min
 Lab File: BF112895.D
 Acq: 6 Mar 2019 21:28

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-7

Tgt Ion:165 Resp: 45883
 Ion Ratio Lower Upper
 165 100
 63 1.1 54.1 81.1#
 89 1.7 52.8 79.2#

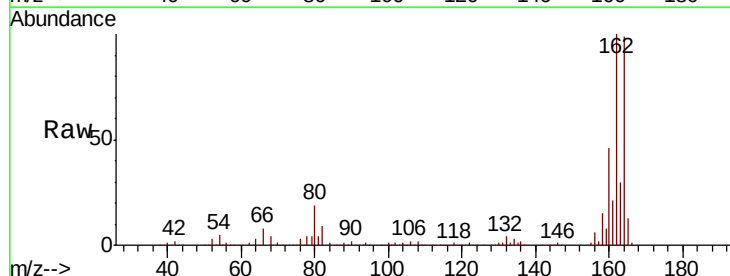


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

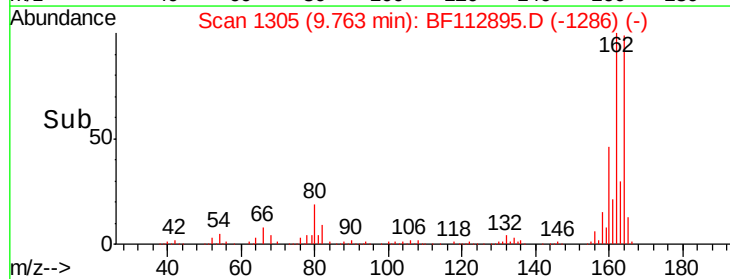
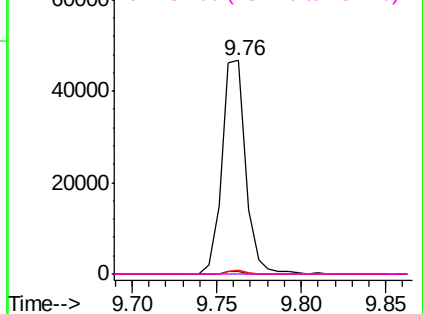


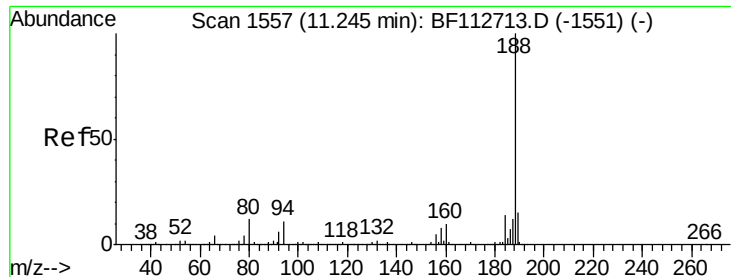
#57
 2,4-Dinitrotoluene
 Concen: 6.685 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.19 min
 Lab File: BF112895.D
 Acq: 6 Mar 2019 21:28

Tgt Ion:165 Resp: 45883
 Ion Ratio Lower Upper
 165 100
 63 1.1 42.2 63.2#
 89 1.7 66.2 99.4#
 182 0.0 1.8 2.6#



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

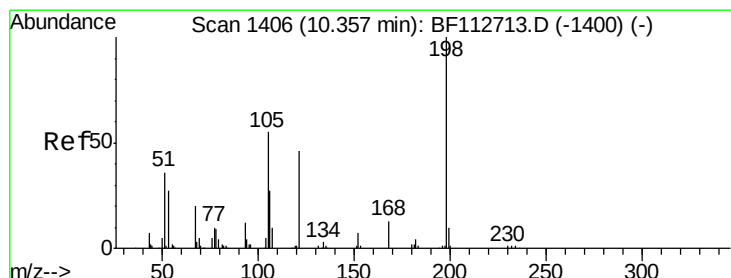
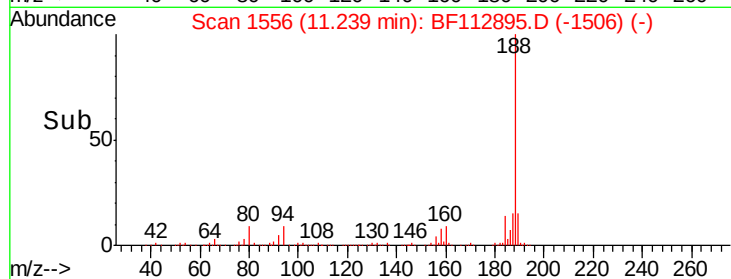
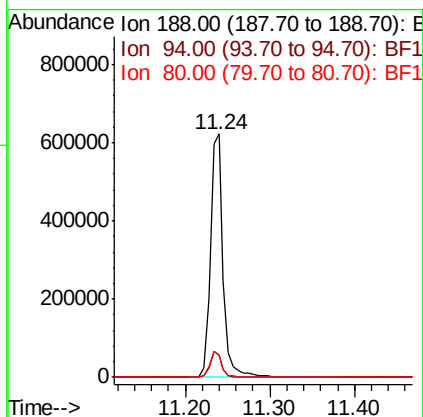
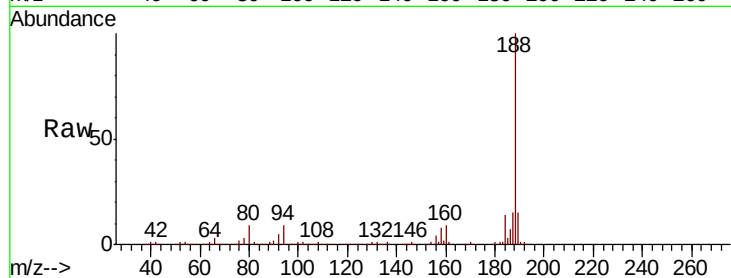




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112895.D
Acq: 6 Mar 2019 21:28

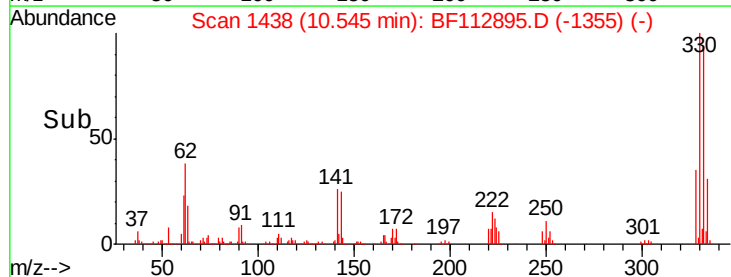
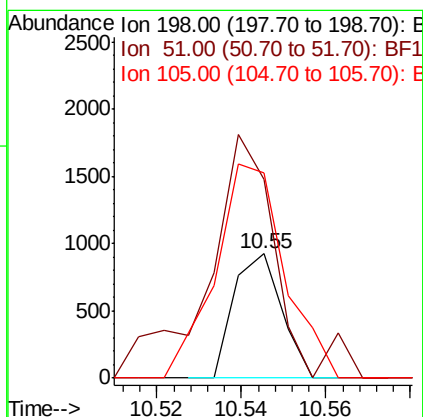
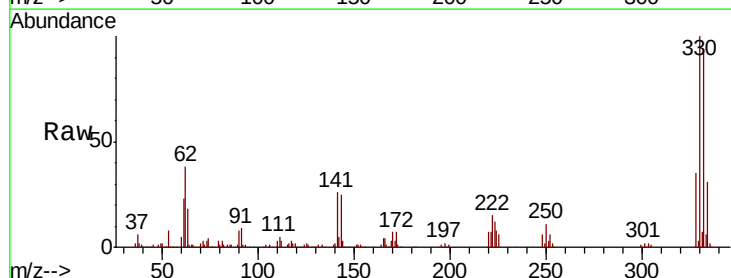
Instrument :
BNA_F
ClientSampled :
Z-2-7

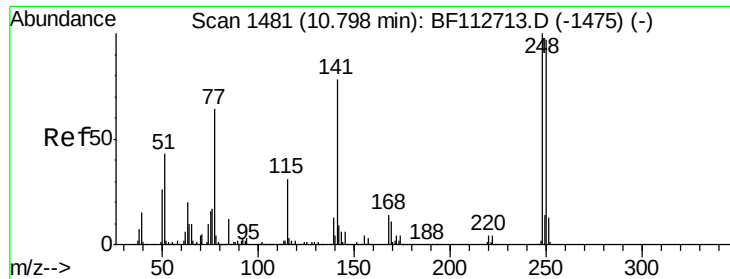
Tgt Ion:188 Resp: 652624
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.3 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.858 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112895.D
Acq: 6 Mar 2019 21:28

Tgt Ion:198 Resp: 728
Ion Ratio Lower Upper
198 100
51 159.8 43.8 83.8#
105 164.7 36.5 76.5#

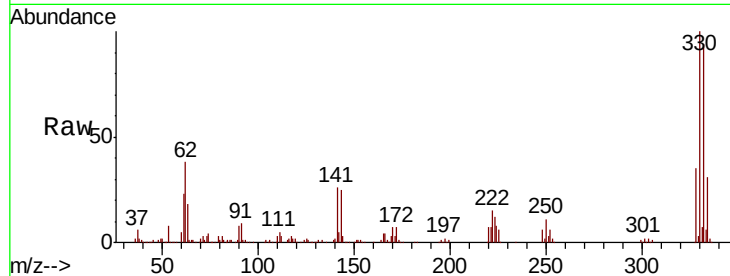




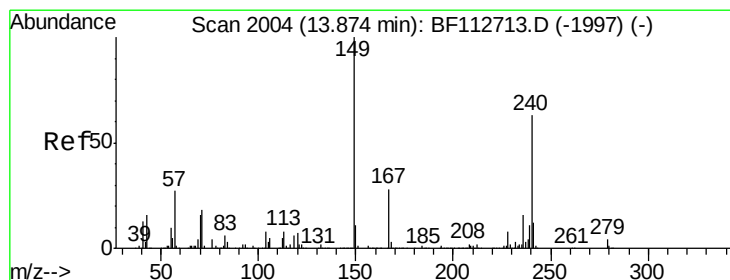
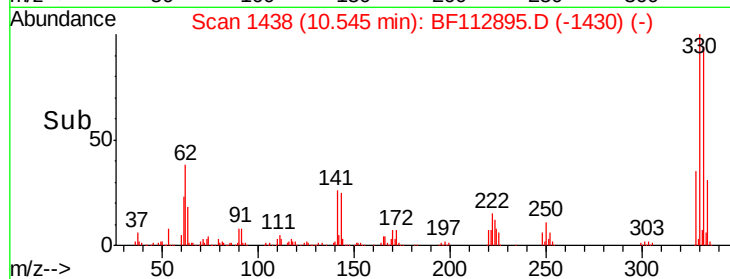
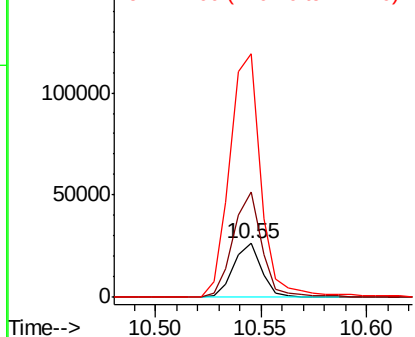
#67
4-Bromophenyl-phenylether
Concen: 3.545 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112895.D
Acq: 6 Mar 2019 21:28

Instrument :
BNA_F
ClientSampleId :
Z-2-7

Tgt Ion:248 Resp: 24367
Ion Ratio Lower Upper
248 100
250 195.9 77.5 116.3#
141 453.2 62.4 93.6#

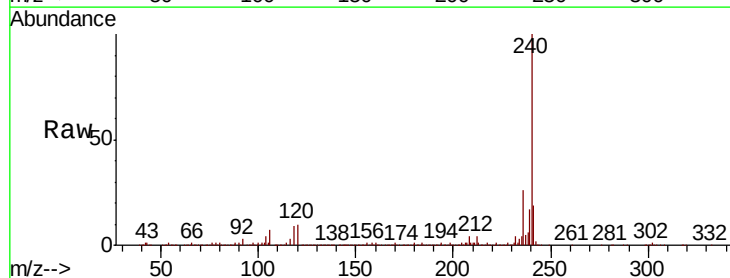


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

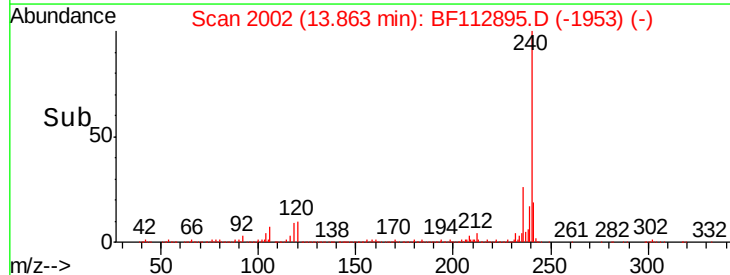
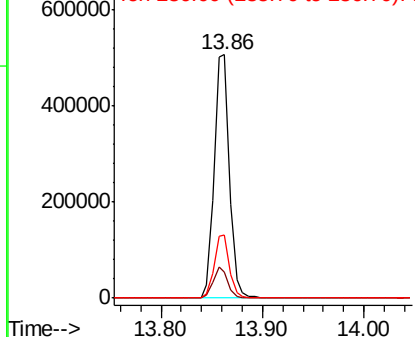


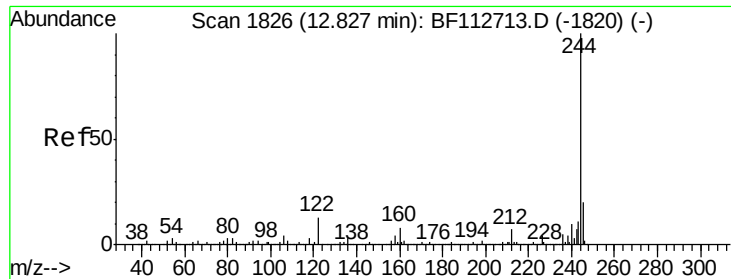
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112895.D
Acq: 6 Mar 2019 21:28

Tgt Ion:240 Resp: 529206
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.9 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





#79

Terphenyl-d14

Concen: 40.547 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

Instrument :

BNA_F

ClientSampleId :

Z-2-7

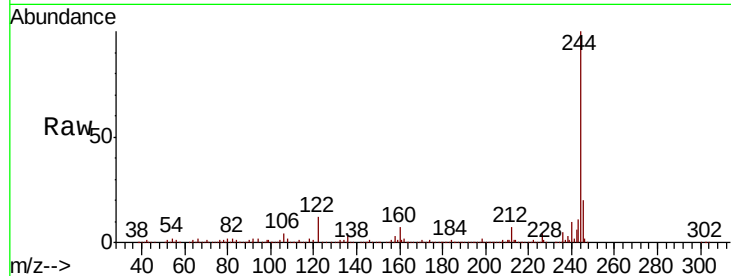
Tgt Ion:244 Resp: 1106919

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

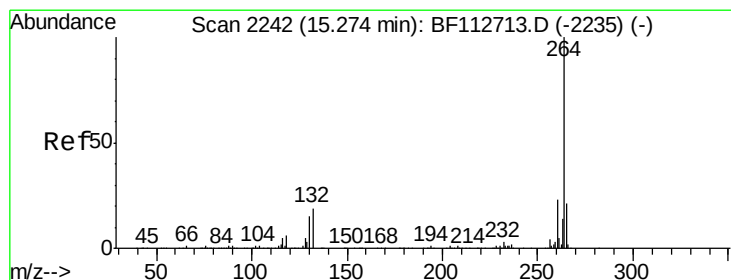
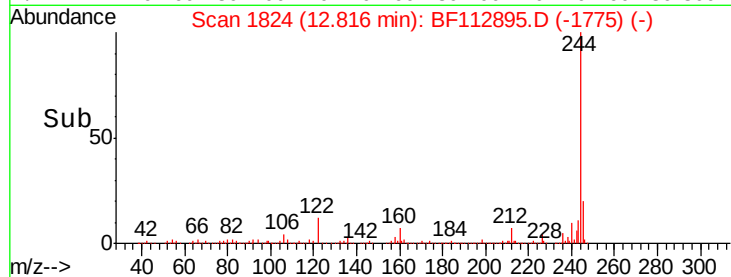
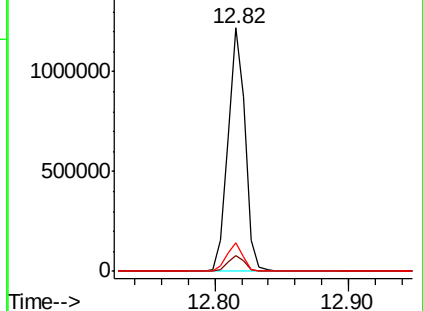
122 11.7 10.5 15.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112895.D

Acq: 6 Mar 2019 21:28

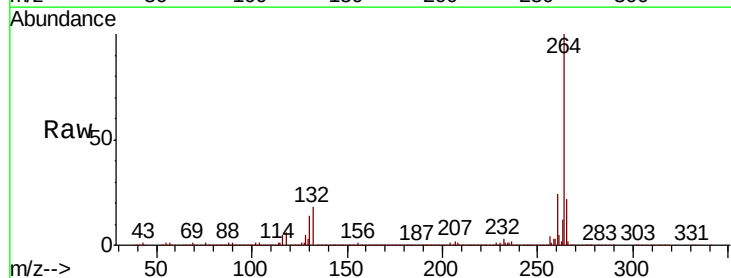
Tgt Ion:264 Resp: 621143

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 17.2 25.8



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

