

Data File : BF118709.D
Acq On : 25 Jan 2020 4:30
Operator : CG/JU
Sample : L1173-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

Quant Time: Jan 27 01:10:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	235410	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	875987	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	450984	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	729387	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	546515	20.00	ng	-0.03
87) Perylene-d12	15.47	264	672150	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	793010	62.56	ng	-0.02
7) Phenol-d6	6.48	99	689638	41.86	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1271292	81.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	616244	118.14	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	2502425	91.20	ng	-0.02
79) Terphenyl-d14	12.96	244	2417409	96.48	ng	-0.03

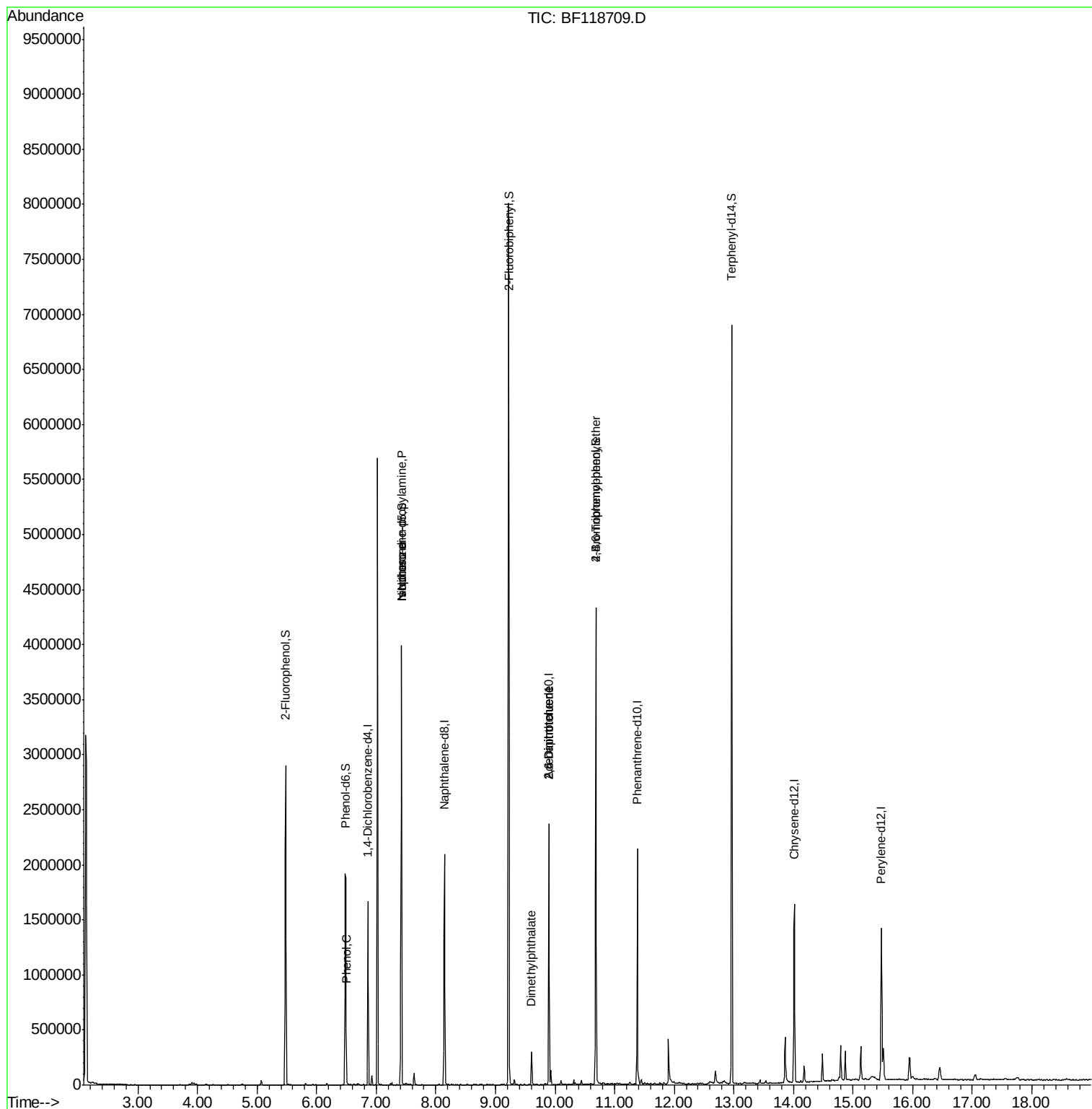
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.50	94	44764	2.384	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	174758	15.710	ng	# 77
25) Isophorone	7.42	82	1268980	44.424	ng	# 64
50) Dimethylphthalate	9.61	163	133262	4.535	ng	96
51) 2,6-Dinitrotoluene	9.90	165	59758	9.082	ng	# 21
57) 2,4-Dinitrotoluene	9.90	165	59758	7.205	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	39549	4.389	ng	# 1

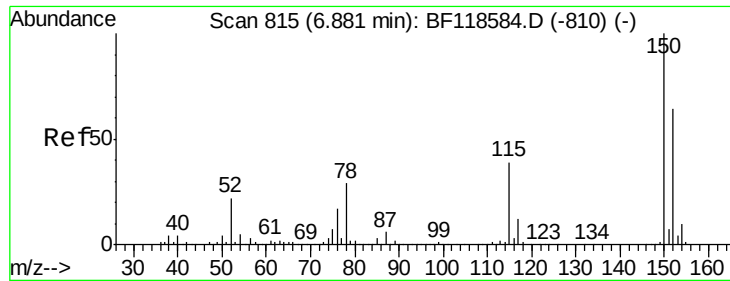
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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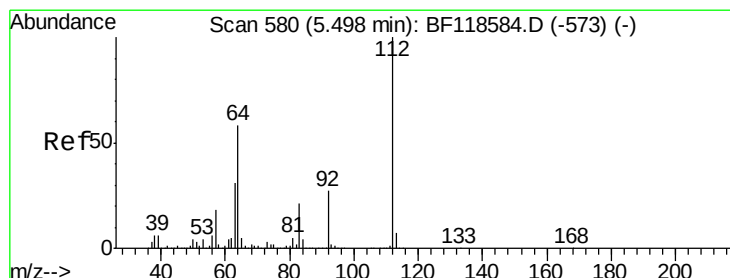
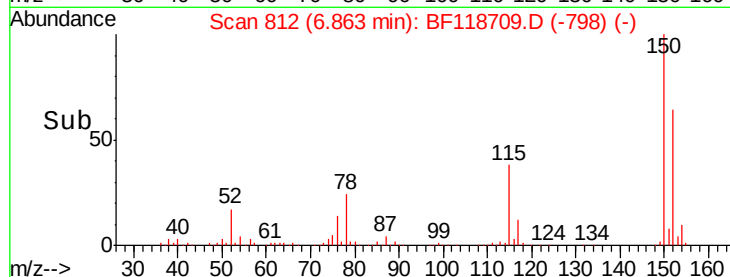
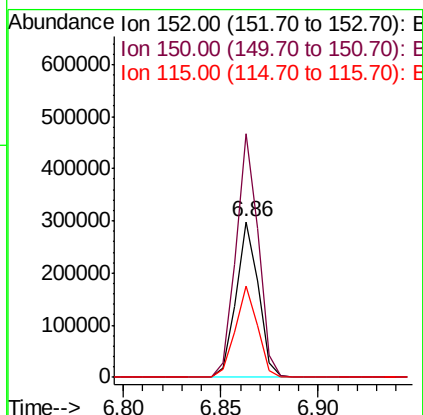
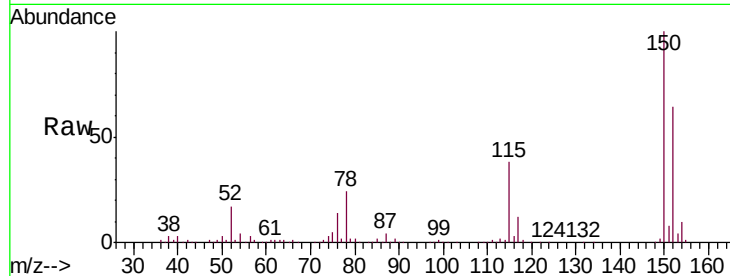




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

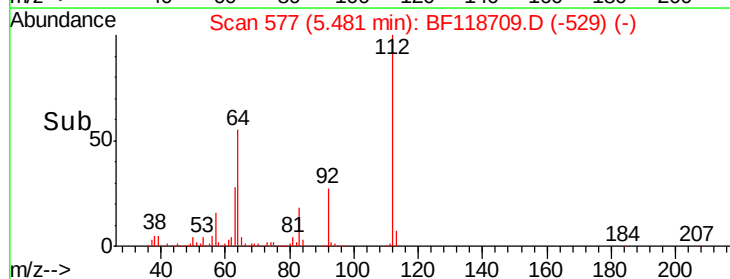
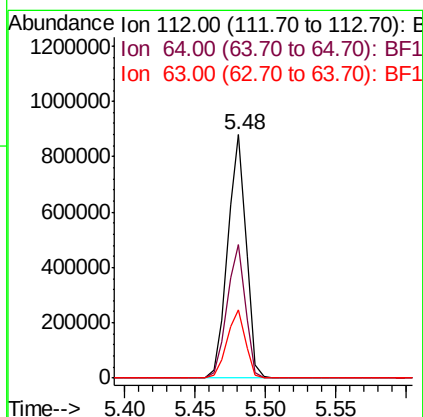
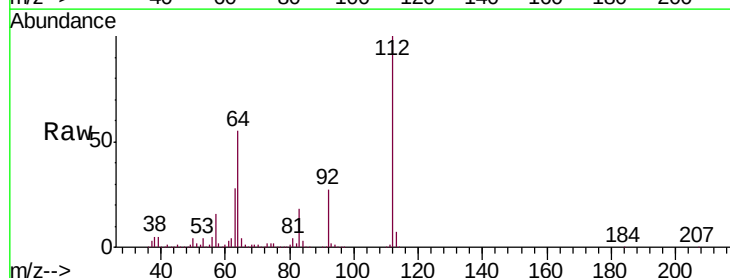
Instrument :
 BNA_F
 ClientSampleId :
 0049-DECANT-H2O-COMP-1

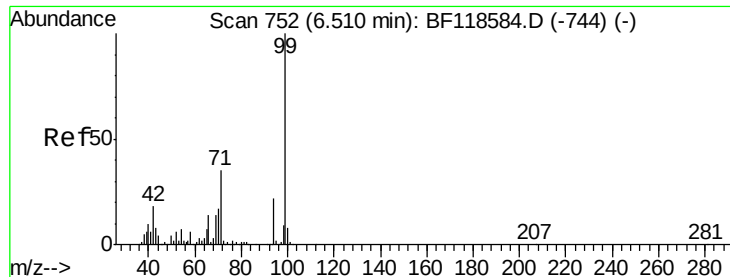
Tgt Ion:152 Resp: 235410
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.6 188.4
 115 58.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 62.564 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

Tgt Ion:112 Resp: 793010
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.6 70.0
 63 28.0 25.1 37.7





#7

Phenol-d6

Concen: 41.861 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

Instrument :

BNA_F

ClientSampleId :

0049-DECANT-H2O-COMP-1

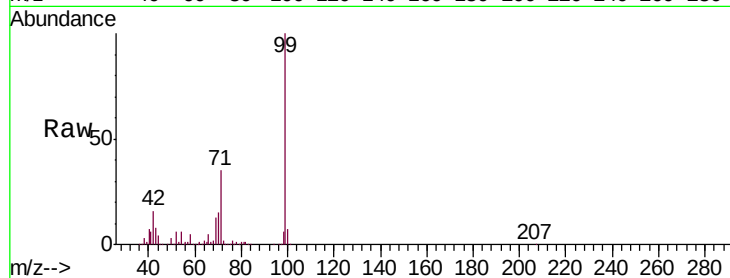
Tgt Ion: 99 Resp: 689638

Ion Ratio Lower Upper

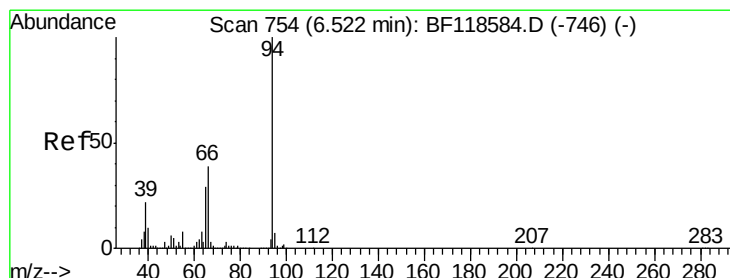
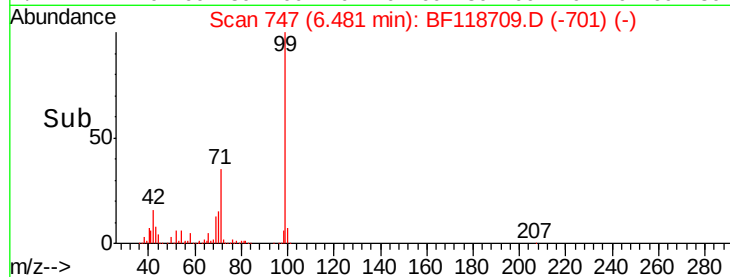
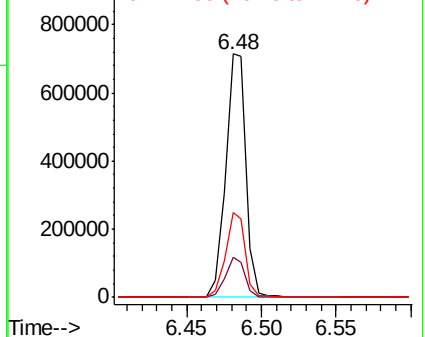
99 100

42 16.4 14.2 21.2

71 34.9 27.8 41.6



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: 2.384 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

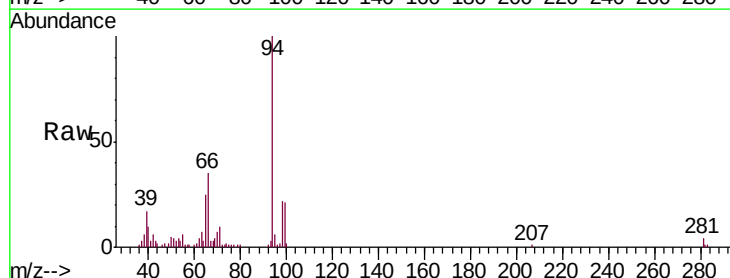
Tgt Ion: 94 Resp: 44764

Ion Ratio Lower Upper

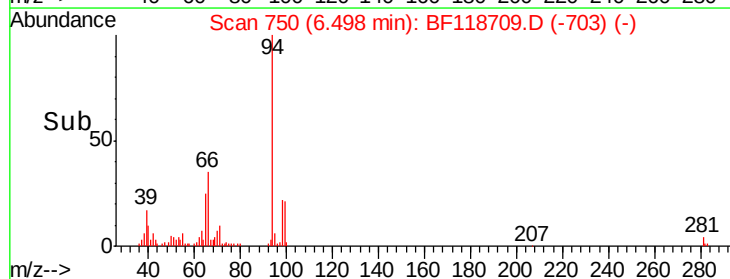
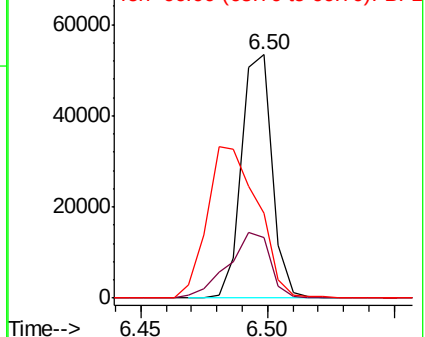
94 100

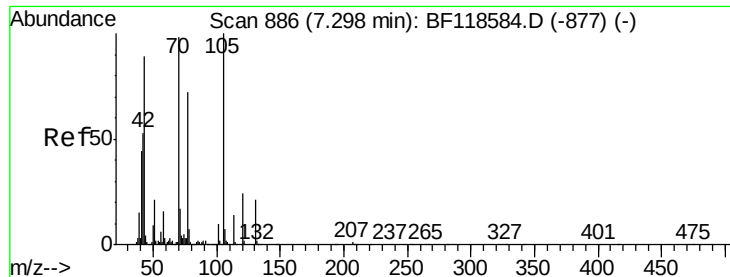
65 25.0 9.5 49.5

66 34.7 18.5 58.5



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

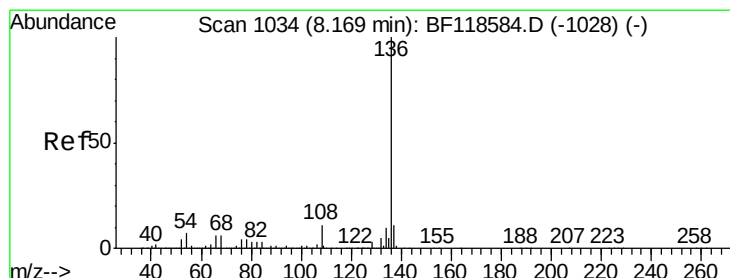
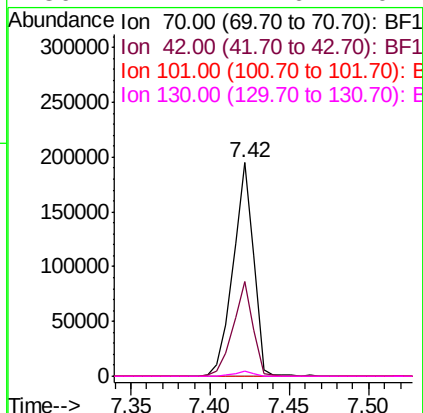
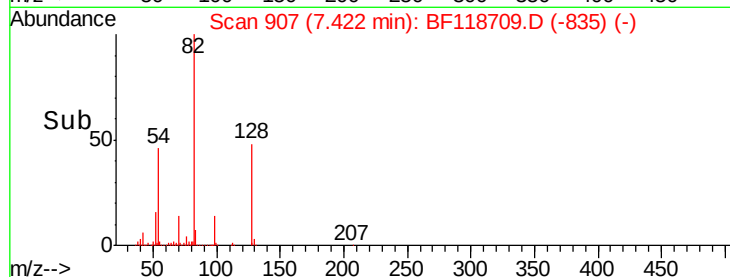
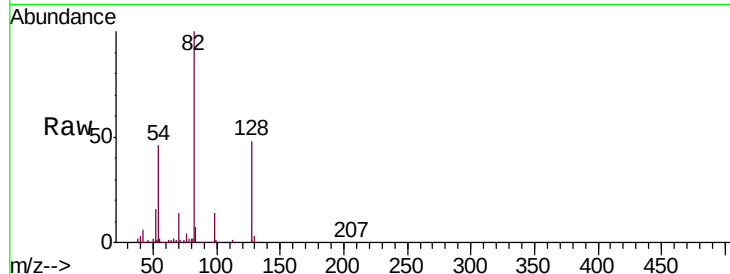




#19
n-Nitroso-di-n-propylamine
Concen: 15.710 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

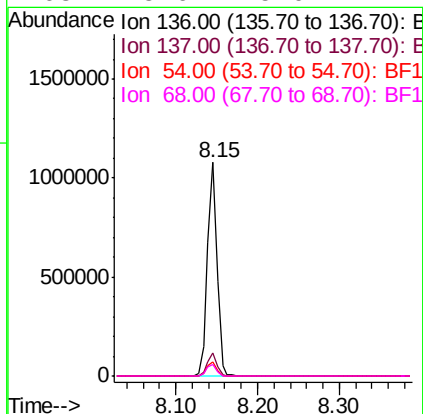
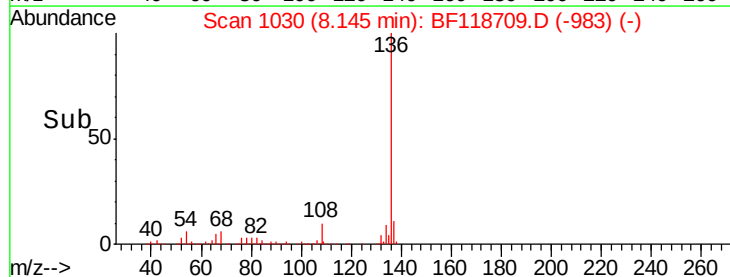
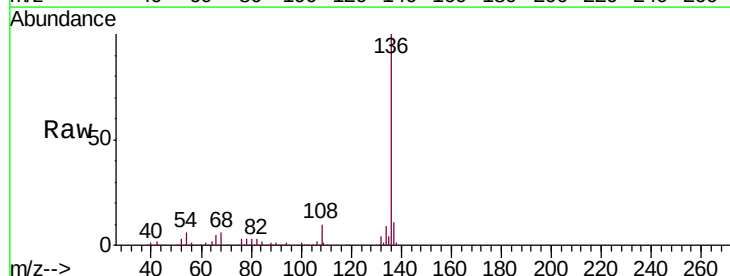
Instrument :
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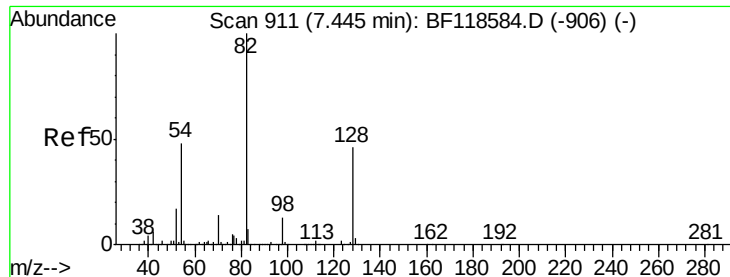
Tgt Ion: 70 Resp: 174758
Ion Ratio Lower Upper
70 100
42 44.2 43.4 65.0
101 0.0 8.1 12.1#
130 2.1 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Tgt Ion: 136 Resp: 875987
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.4 5.8 8.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.175 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

Instrument :

BNA_F

ClientSampleId :

0049-DECANT-H2O-COMP-1

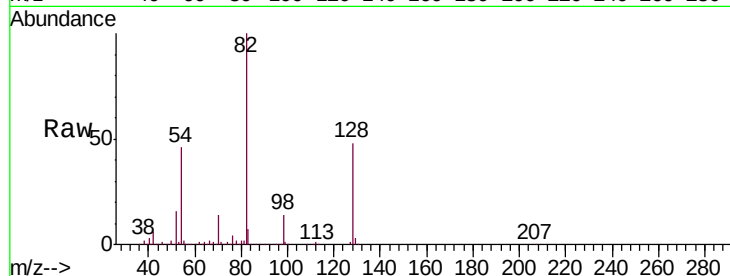
Tgt Ion: 82 Resp: 1271292

Ion Ratio Lower Upper

82 100

128 48.0 36.6 54.8

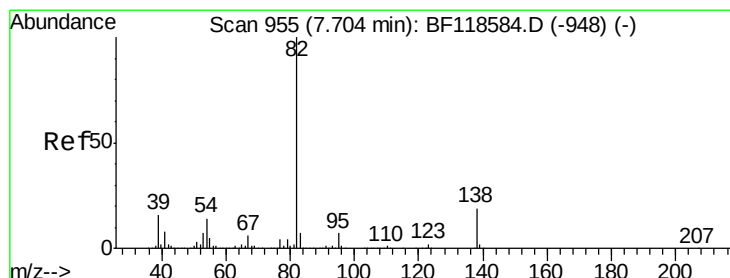
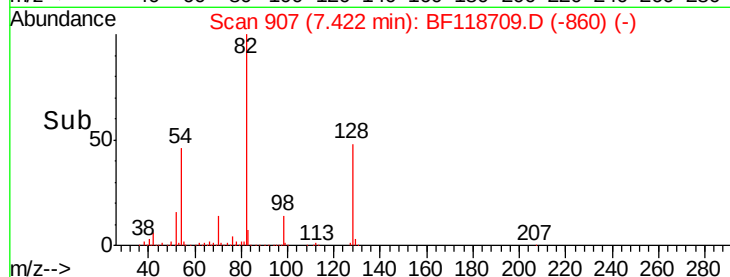
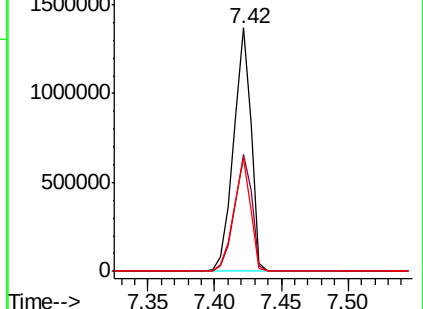
54 46.2 38.0 57.0



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: 44.424 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

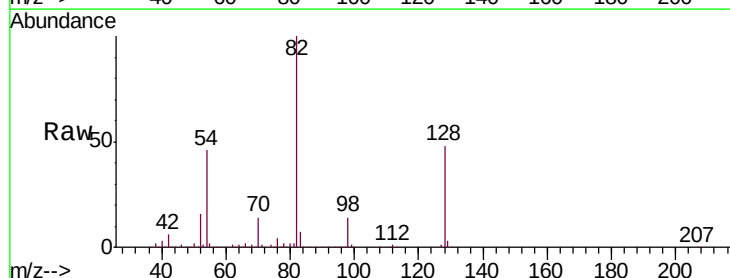
Tgt Ion: 82 Resp: 1268980

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

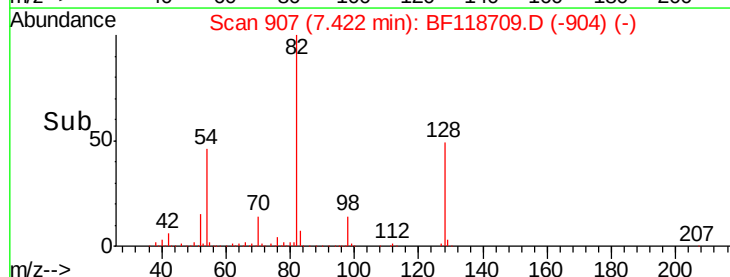
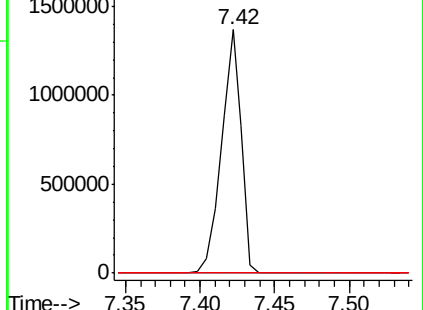
138 0.0 15.3 22.9#

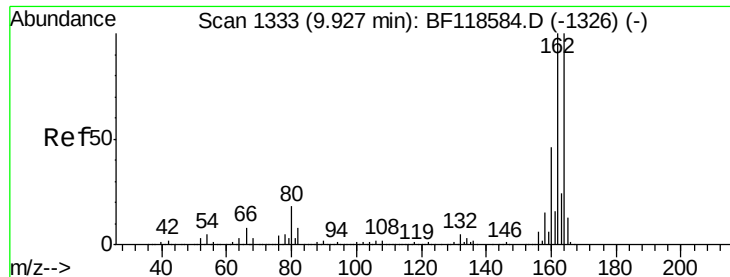


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

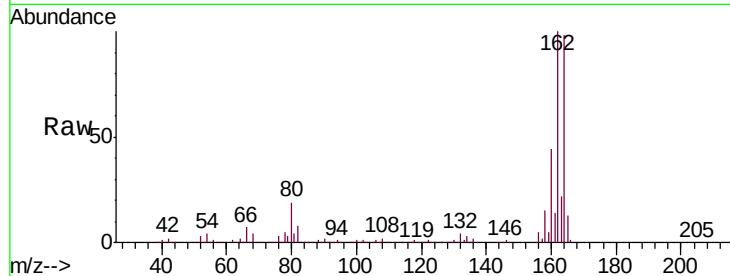




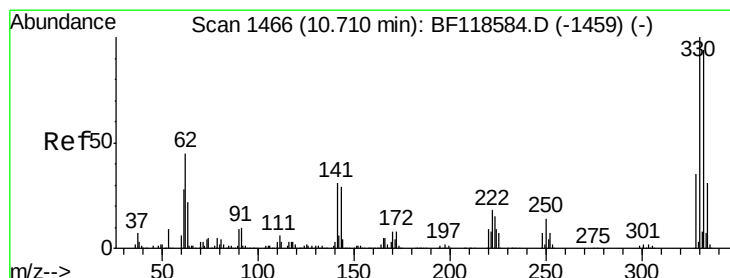
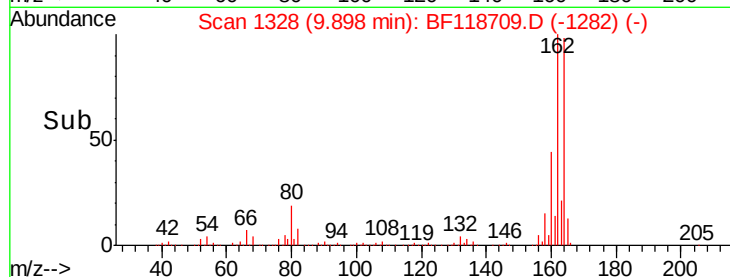
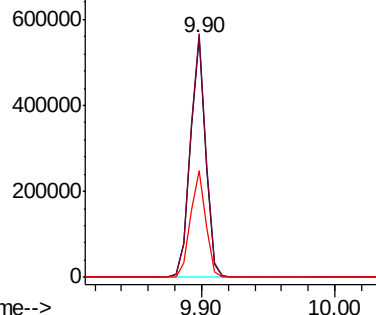
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

Instrument :
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Tgt Ion:164 Resp: 450984
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.4 120.6
 160 44.5 36.6 55.0

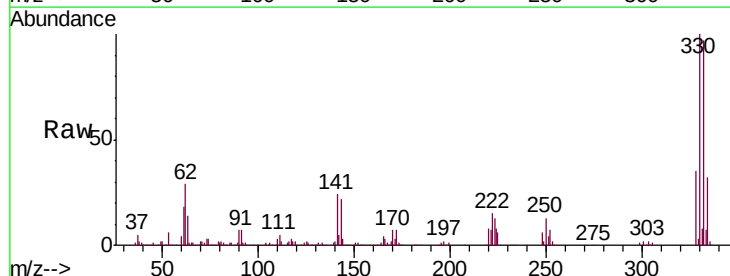


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

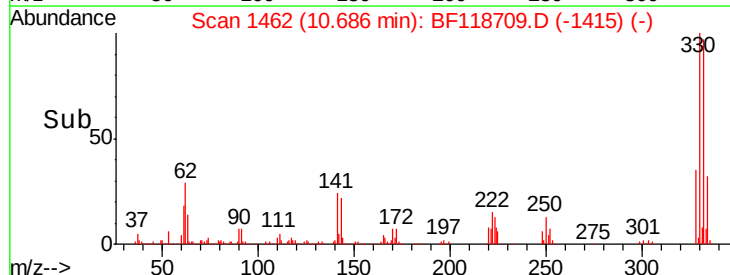
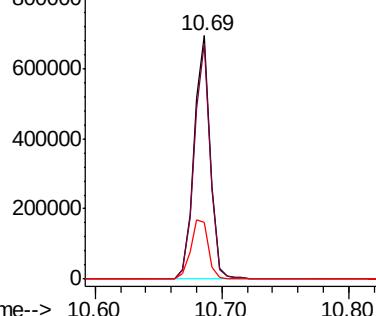


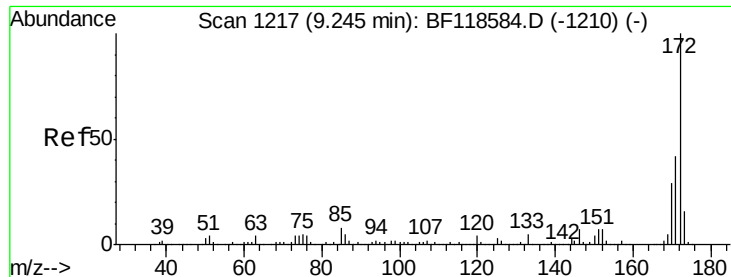
#42
 2,4,6-Tribromophenol
 Concen: 118.140 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

Tgt Ion:330 Resp: 616244
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 27.2 23.9 35.9



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

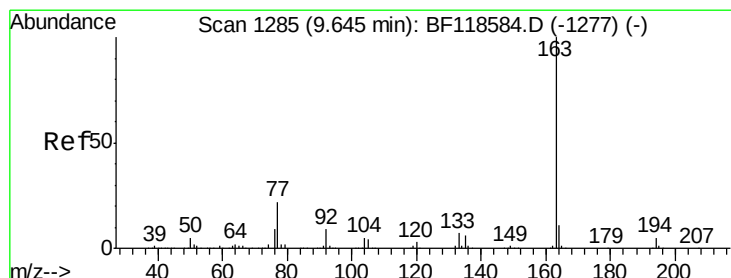
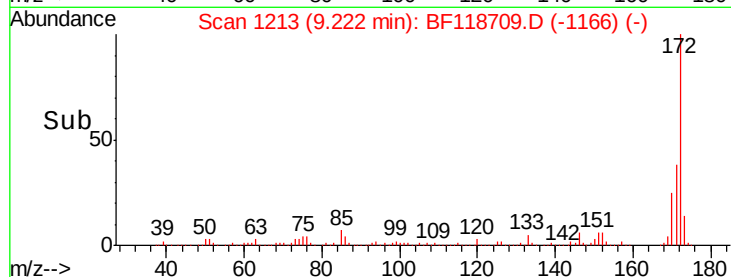
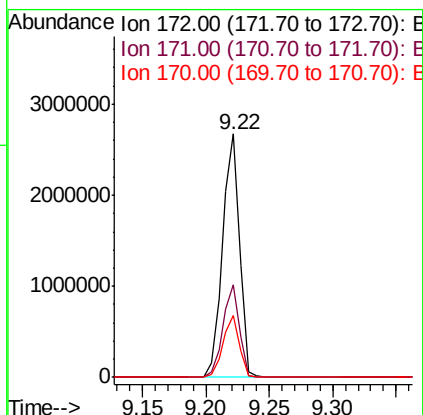
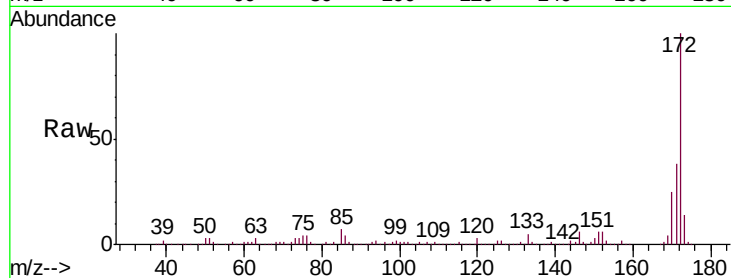




#45
 2-Fluorobiphenyl
 Concen: 91.201 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

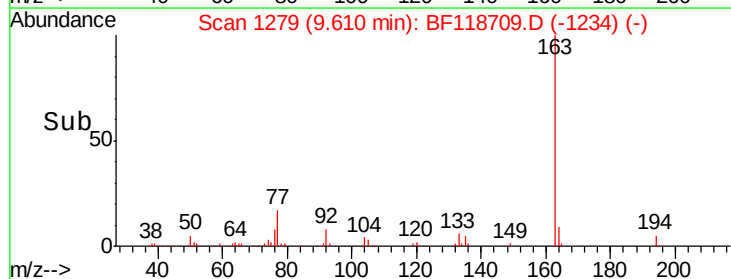
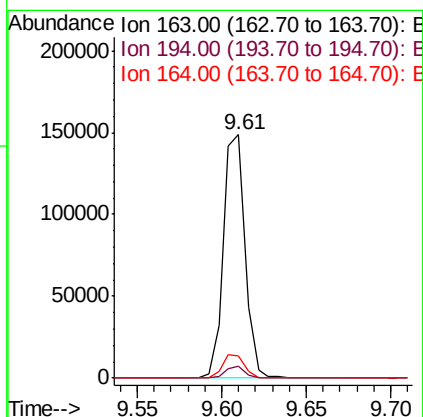
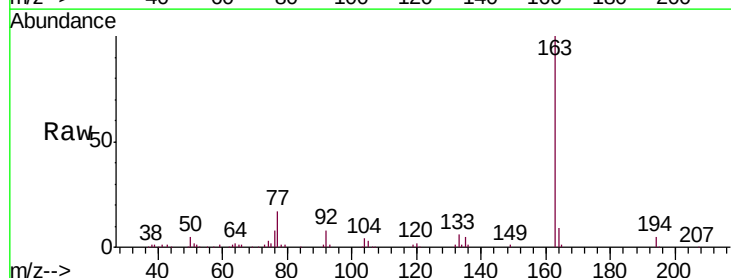
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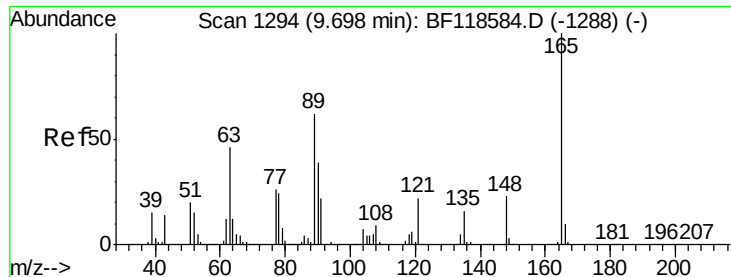
Tgt Ion:172 Resp: 2502425
 Ion Ratio Lower Upper
 172 100
 171 38.1 33.4 50.2
 170 25.4 23.2 34.8



#50
 Dimethylphthalate
 Concen: 4.535 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118709.D
 Acq: 25 Jan 2020 4:30

Tgt Ion:163 Resp: 133262
 Ion Ratio Lower Upper
 163 100
 194 4.8 3.9 5.9
 164 9.2 9.1 13.7





#51

2,6-Dinitrotoluene

Concen: 9.082 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.20 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

Instrument :

BNA_F

ClientSampleId :

0049-DECANT-H2O-COMP-1

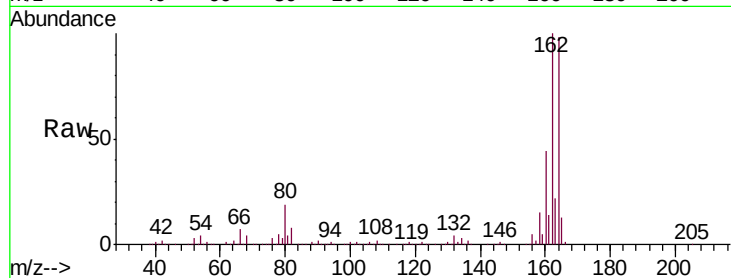
Tgt Ion:165 Resp: 59758

Ion Ratio Lower Upper

165 100

63 1.6 48.9 73.3#

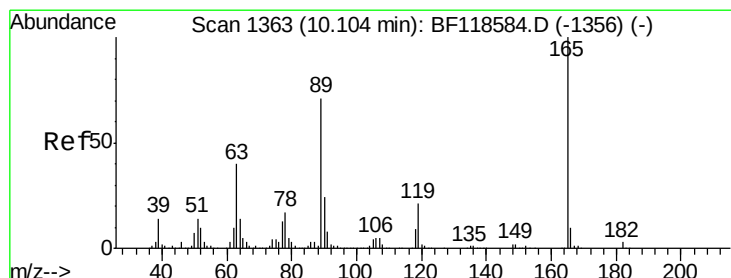
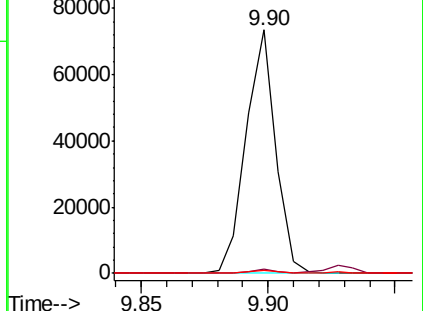
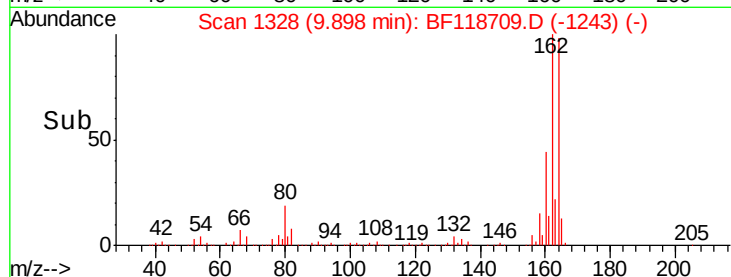
89 1.2 49.8 74.6#



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



#57

2,4-Dinitrotoluene

Concen: 7.205 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.21 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

Tgt Ion:165 Resp: 59758

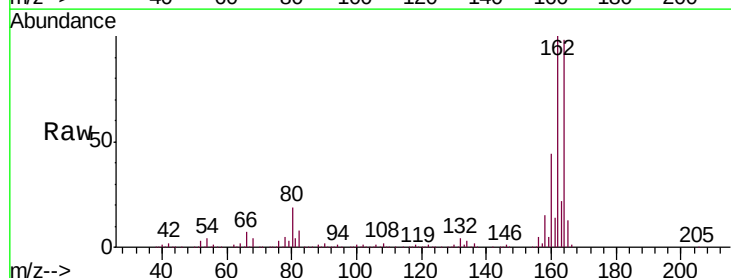
Ion Ratio Lower Upper

165 100

63 1.6 32.4 48.6#

89 1.2 56.4 84.6#

182 0.0 2.3 3.5#

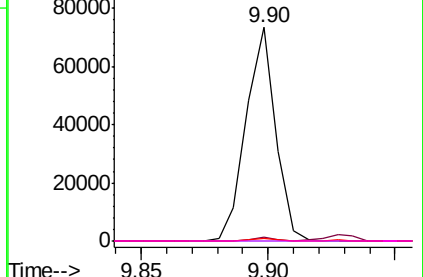
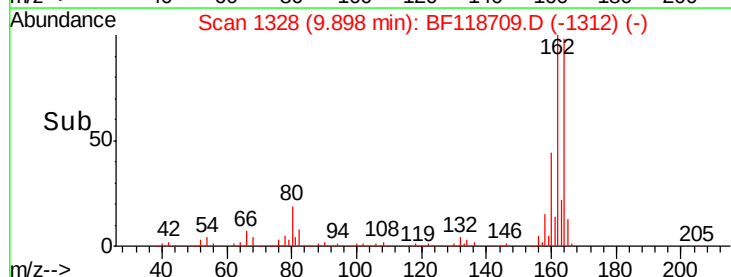


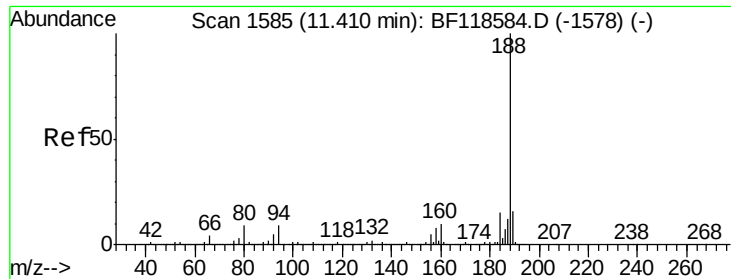
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.03 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

Instrument :

BNA_F

ClientSampleId :

0049-DECANT-H2O-COMP-1

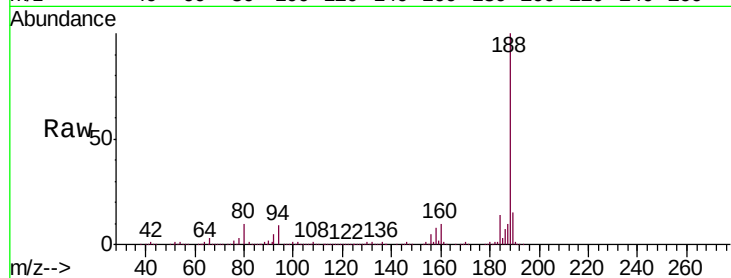
Tgt Ion:188 Resp: 729387

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 9.7 7.5 11.3



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

1200000

1000000

800000

600000

400000

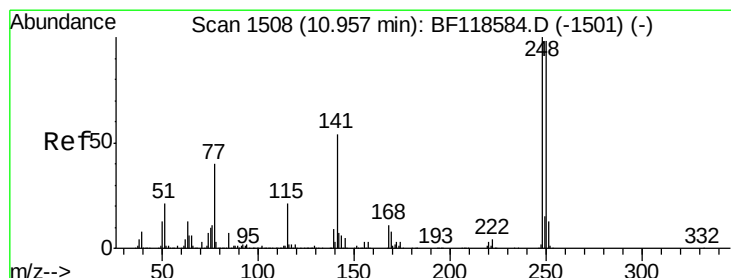
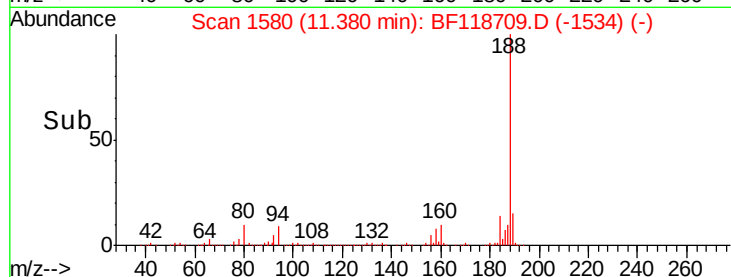
200000

0

11.35

11.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.389 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.27 min

Lab File: BF118709.D

Acq: 25 Jan 2020 4:30

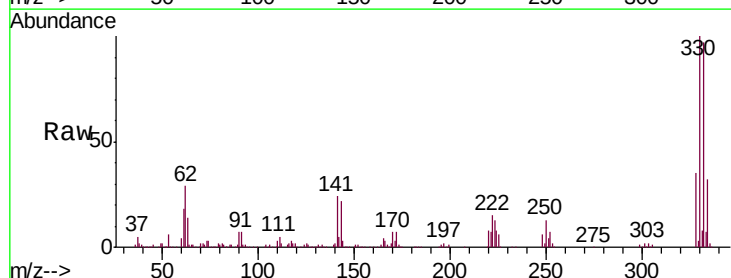
Tgt Ion:248 Resp: 39549

Ion Ratio Lower Upper

248 100

250 195.3 78.7 118.1#

141 367.7 43.2 64.8#



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

200000

150000

100000

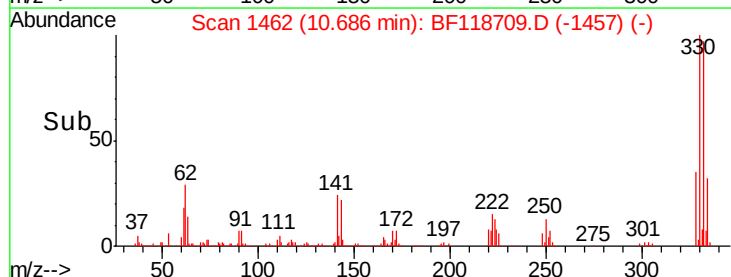
50000

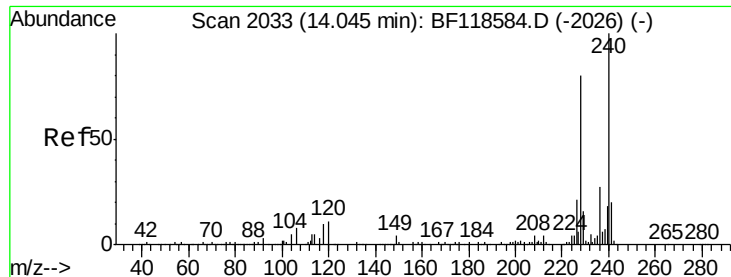
0

10.65

10.70

Time-->

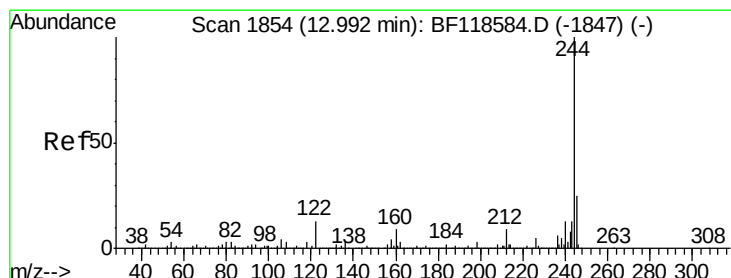
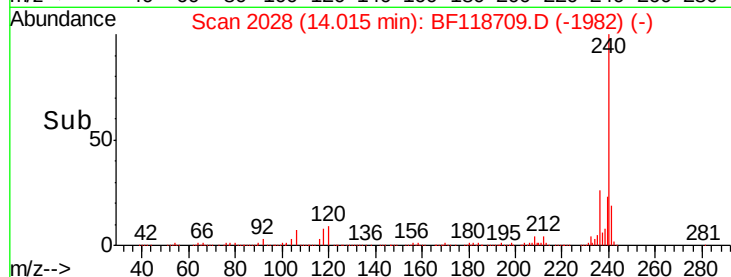
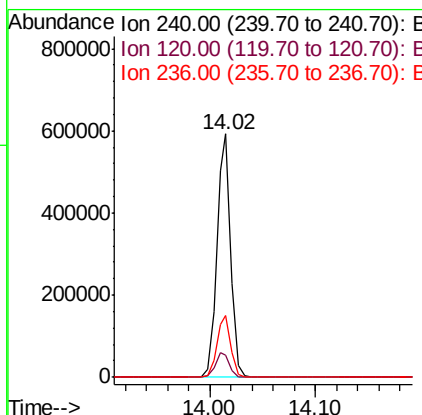
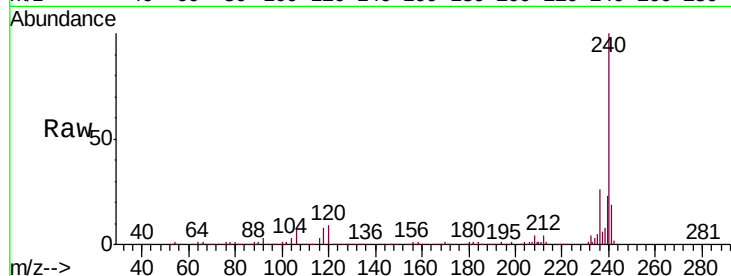




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

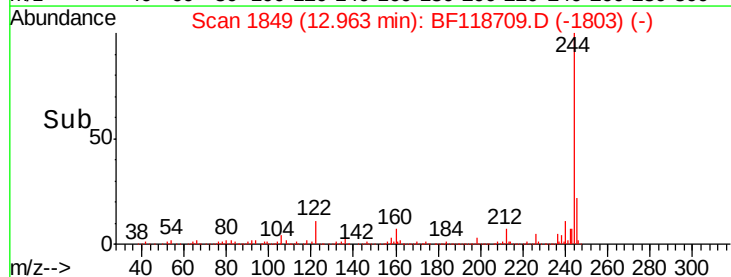
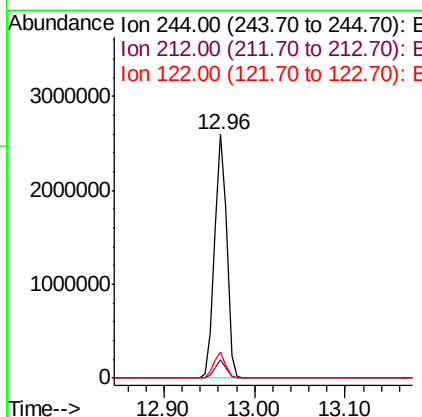
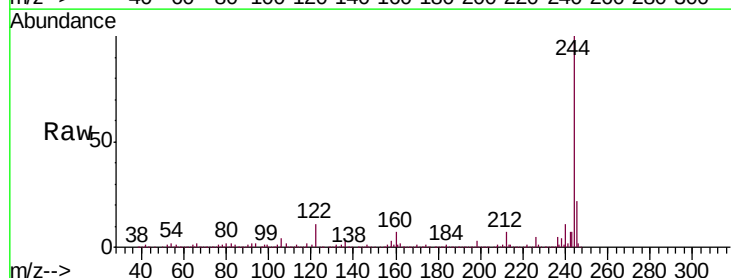
Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

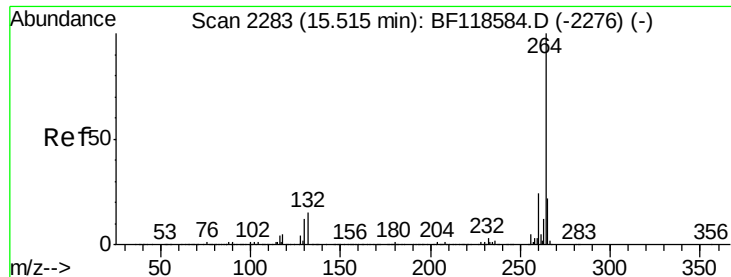
Tgt Ion: 240 Resp: 546515
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.6 21.5 32.3



#79
Terphenyl-d14
Concen: 96.477 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.03 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Tgt Ion: 244 Resp: 2417409
Ion Ratio Lower Upper
244 100
212 7.3 7.0 10.4
122 10.8 10.7 16.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF118709.D
Acq: 25 Jan 2020 4:30

Instrument :
BNA_F
ClientSampleId :
0049-DECANT-H2O-COMP-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.9	17.7	26.5

