

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
 Data File : BF092692.D
 Acq On : 31 Jan 2017 20:24
 Operator : SJ/MA
 Sample : I1593-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-8

Quant Time: Feb 01 00:21:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

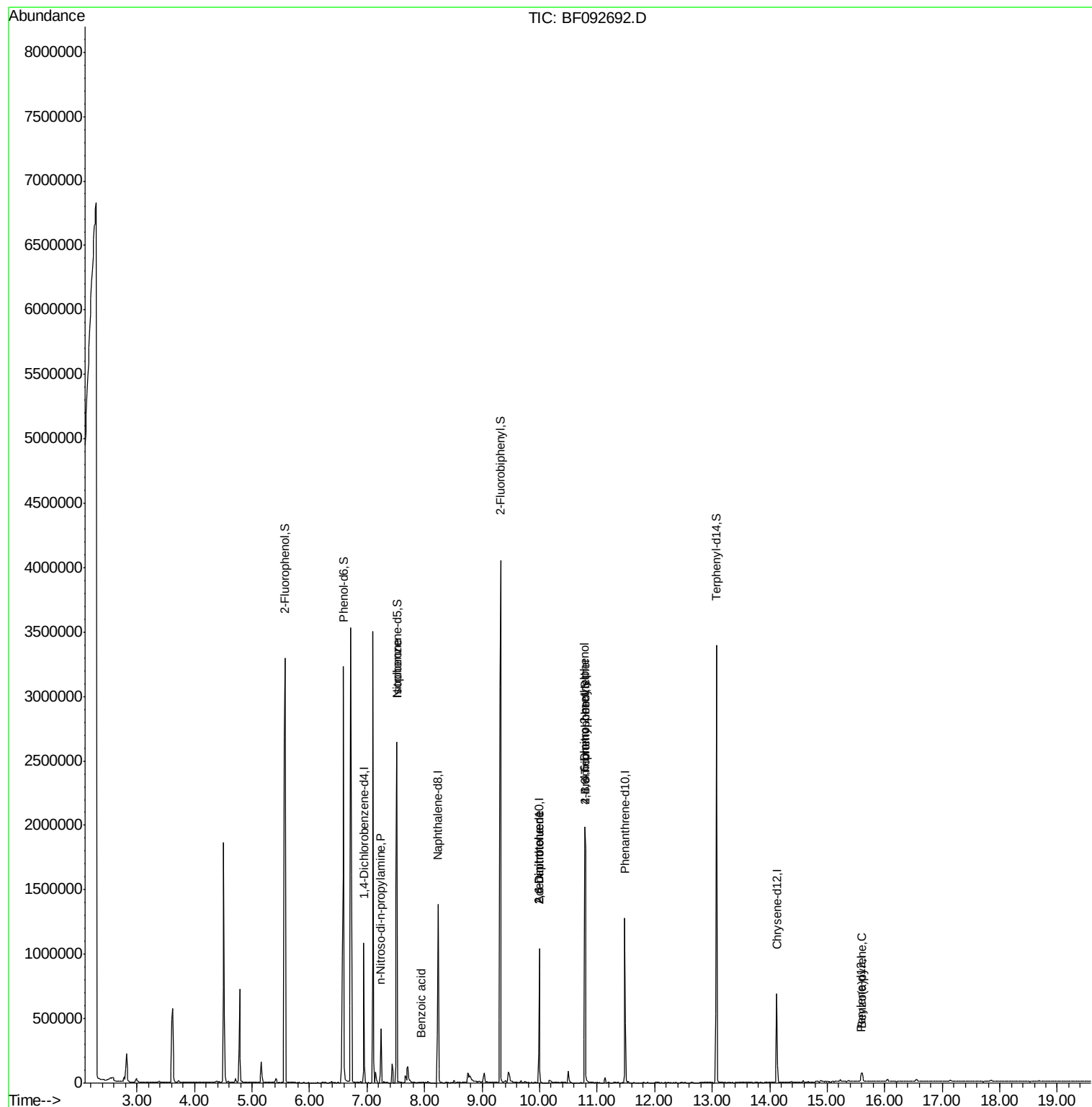
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148818	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	599731	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	194219	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	441682	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	170937	20.00	ng	-0.02
86) Perylene-d12	15.59	264	5941	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1221470	140.82	ng	0.00
7) Phenol-d6	6.59	99	1062998	95.24	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1002676	93.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	357560	254.54	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1794050	167.35	ng	-0.01
78) Terphenyl-d14	13.07	244	1255045	172.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	15879	2.23	ng	# 30
25) Isophorone	7.52	82	974301	48.55	ng	# 65
32) Benzoic acid	7.94	122	2646	7.60	ng	# 91
50) 2,6-Dinitrotoluene	10.00	165	24569	8.70	ng	# 32
56) 2,4-Dinitrotoluene	10.00	165	24570	6.53	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.78	198	899	2.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25783	5.59	ng	# 1
89) Benzo(a)pyrene	15.61	252	941	2.78	ng	# 1

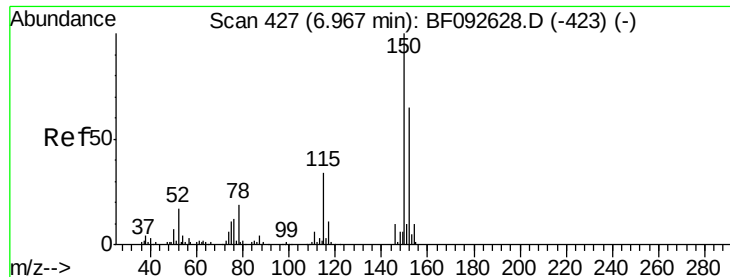
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
Data File : BF092692.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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B2-8

Quant Time: Feb 01 00:21:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Instrument :

BNA_F

ClientSampleId :

B2-8

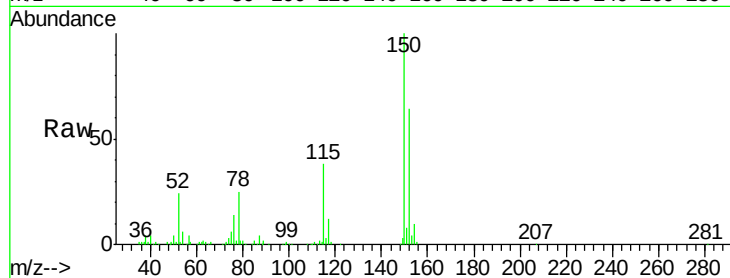
Tgt Ion:152 Resp: 148818

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

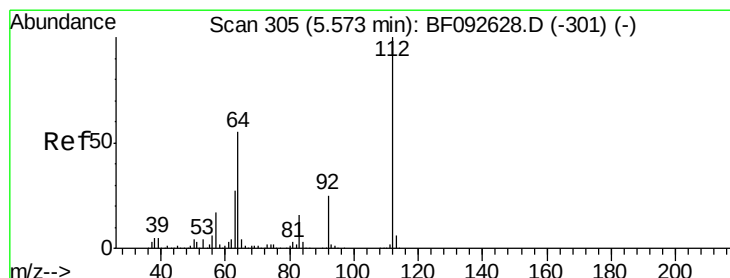
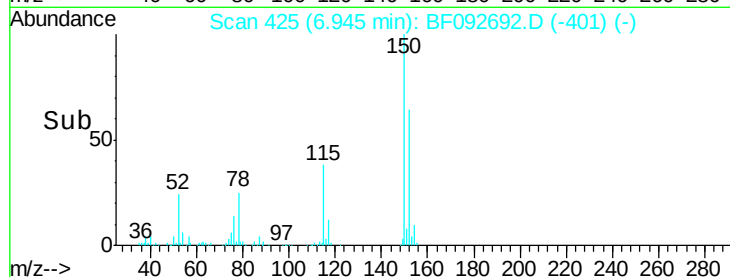
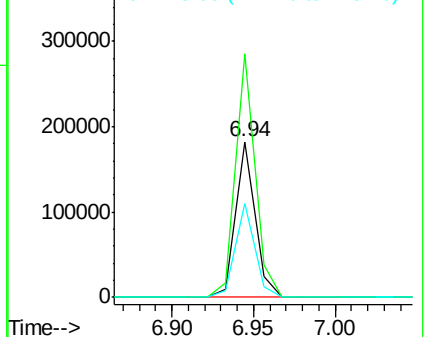
115 60.0 46.0 69.0



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: 140.82 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

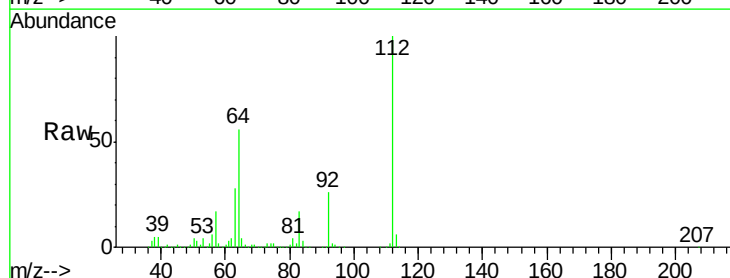
Tgt Ion:112 Resp: 1221470

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

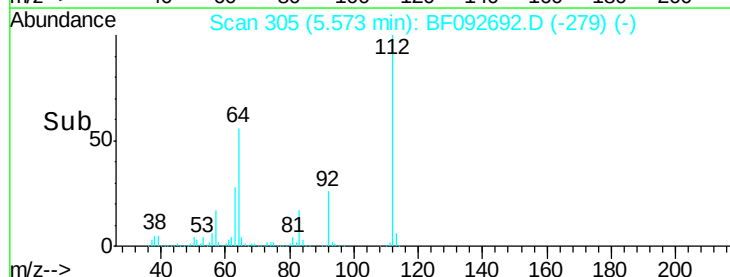
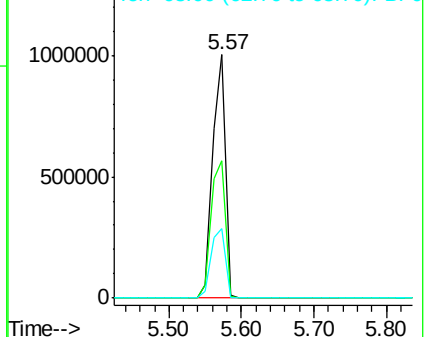
63 28.5 23.8 35.6

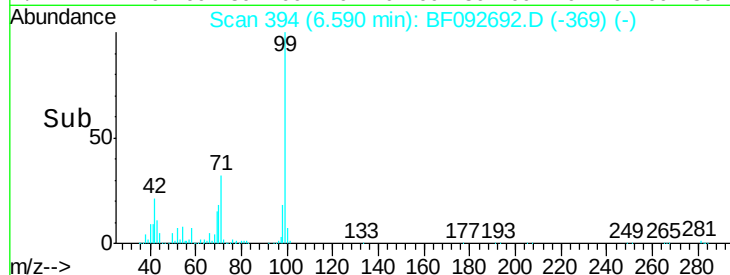
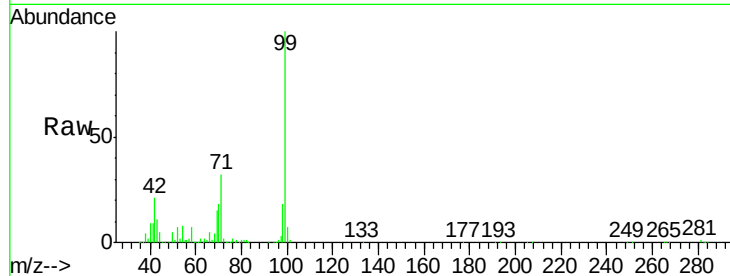
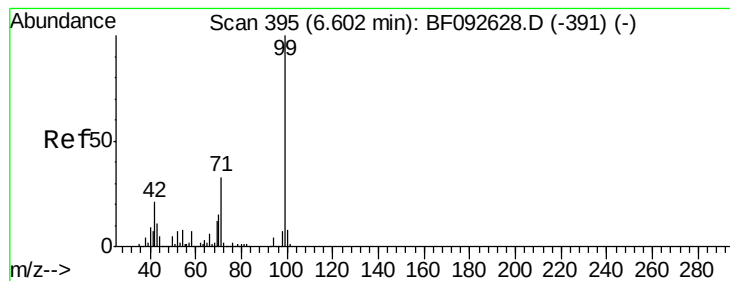


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.24 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Instrument :

BNA_F

ClientSampleId :

B2-8

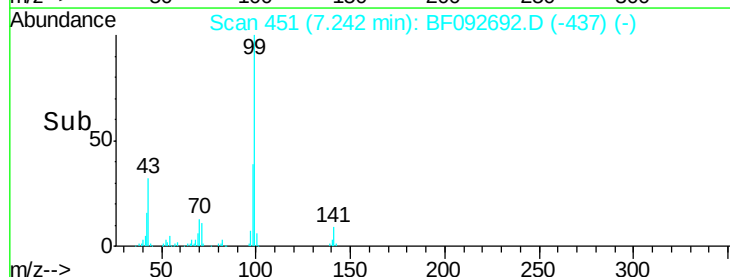
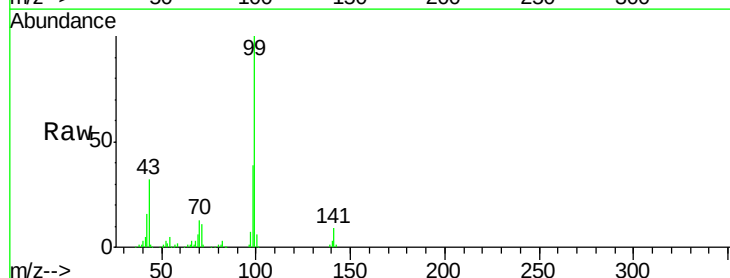
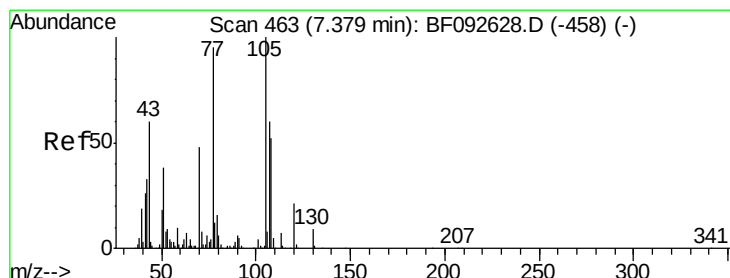
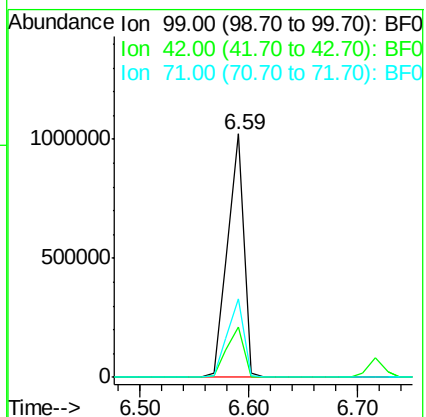
Tgt Ion: 99 Resp: 1062998

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

71 32.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.23 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.14 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Tgt Ion: 70 Resp: 15879

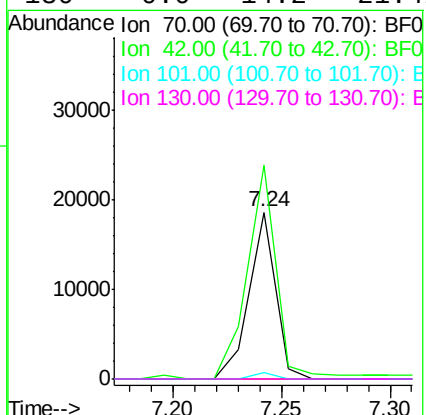
Ion Ratio Lower Upper

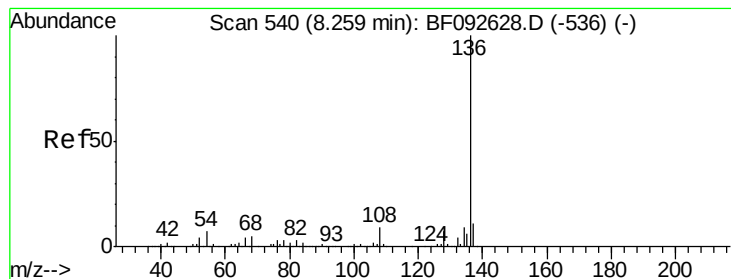
70 100

42 128.1 49.4 74.0#

101 3.8 7.4 11.2#

130 0.0 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Instrument :

BNA_F

ClientSampleId :

B2-8

Tgt Ion:136 Resp: 599731

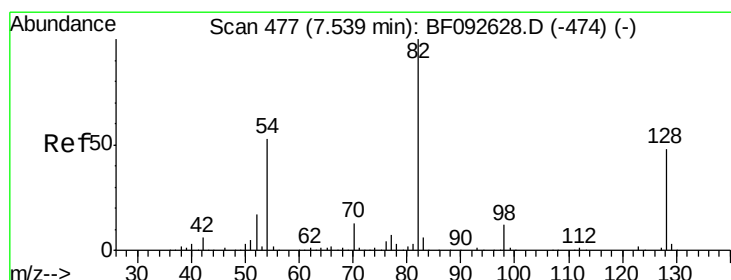
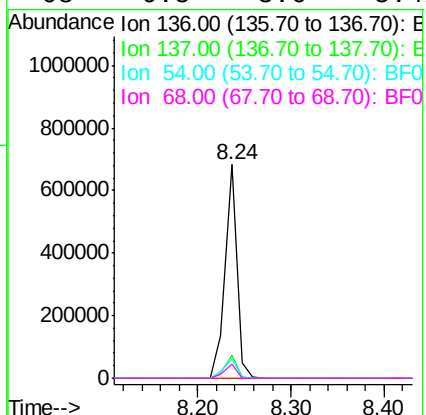
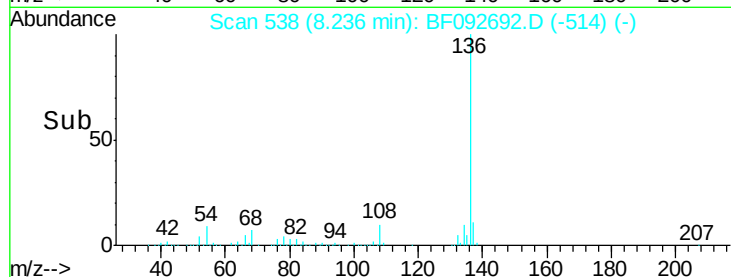
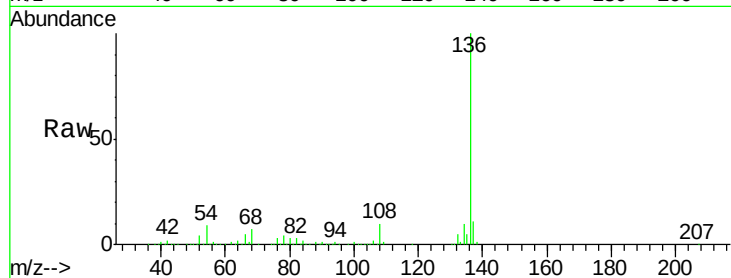
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.1 4.5 6.7#

68 6.5 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 93.10 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

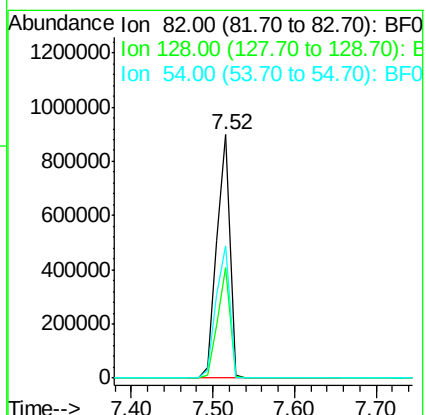
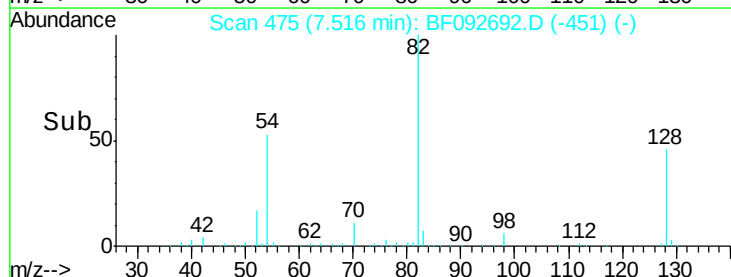
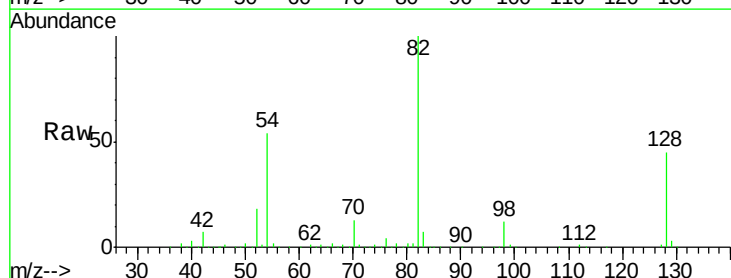
Tgt Ion: 82 Resp: 1002676

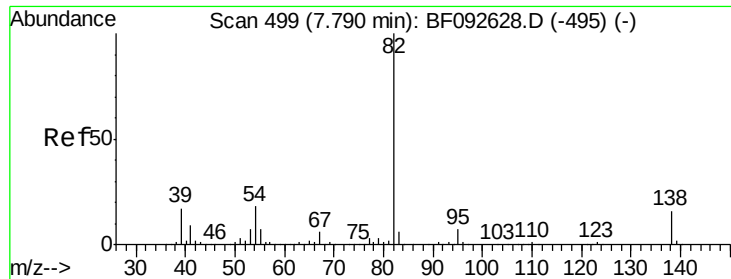
Ion Ratio Lower Upper

82 100

128 45.4 34.6 52.0

54 54.1 39.5 59.3

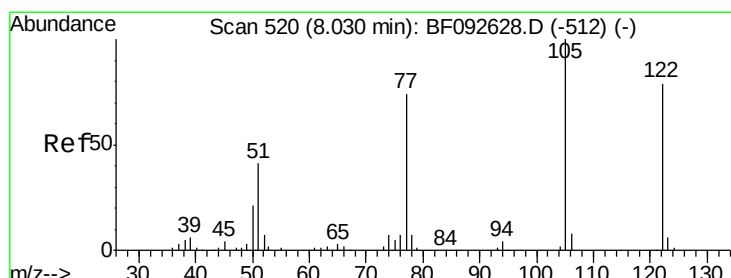
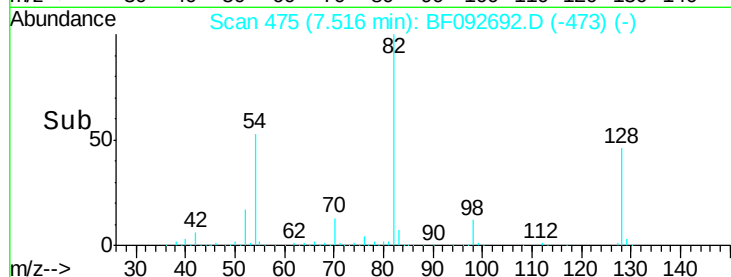
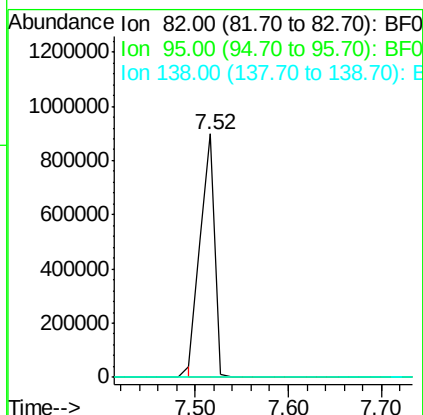
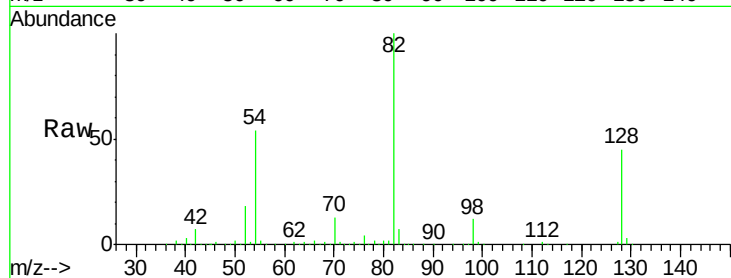




#25
Isophorone
Concen: 48.55 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

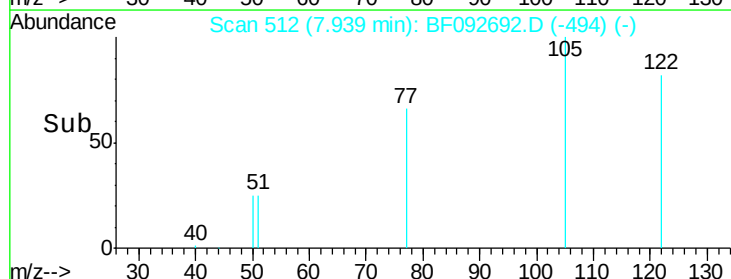
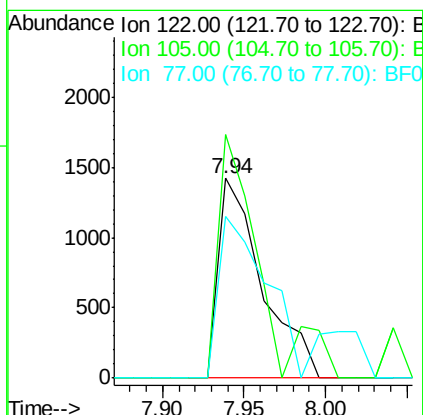
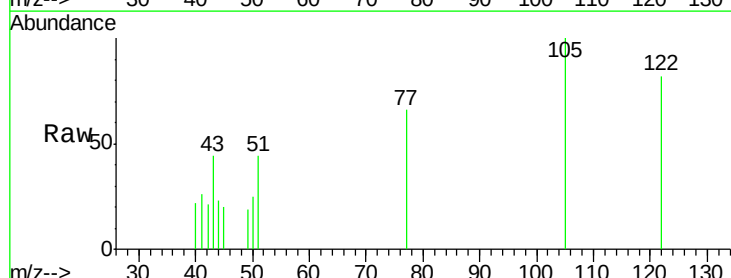
Instrument :
BNA_F
ClientSampled :
B2-8

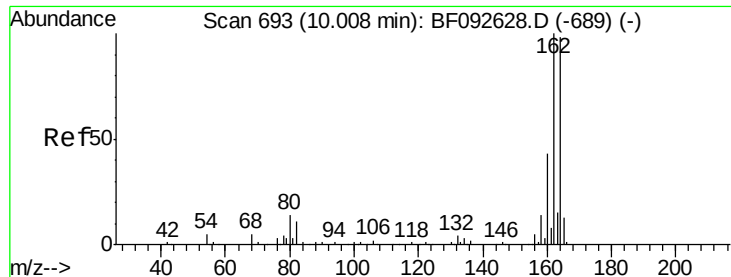
Tgt Ion: 82 Resp: 974301
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.60 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Tgt Ion: 122 Resp: 2646
Ion Ratio Lower Upper
122 100
105 122.0 107.2 147.2
77 81.0 74.5 114.5

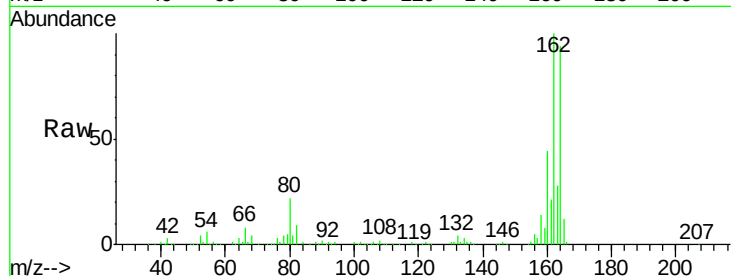




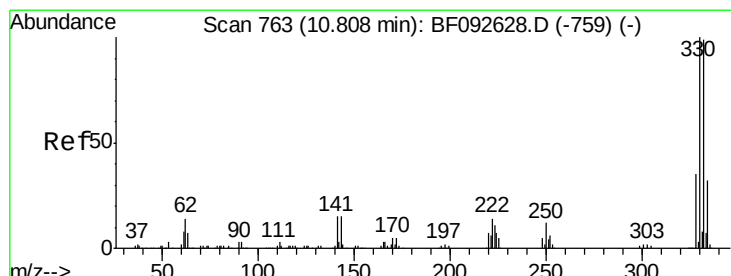
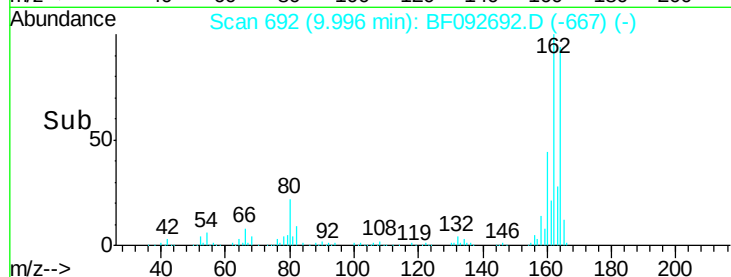
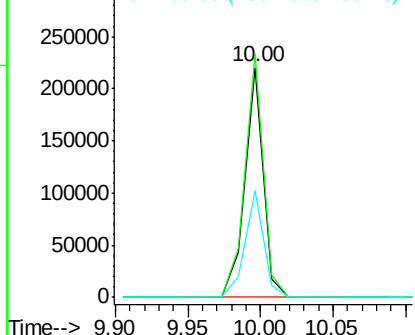
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Instrument :
BNA_F
ClientSampleId :
B2-8

Tgt Ion:164 Resp: 194219
Ion Ratio Lower Upper
164 100
162 106.0 80.2 120.2
160 46.6 36.9 55.3

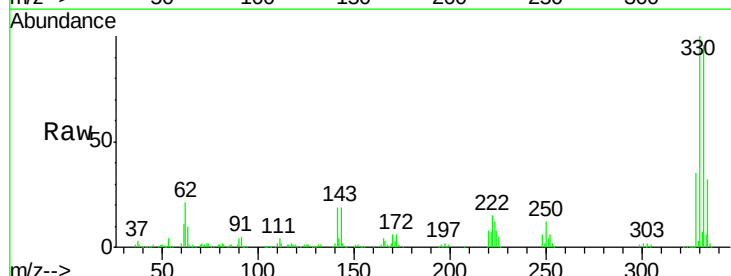


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

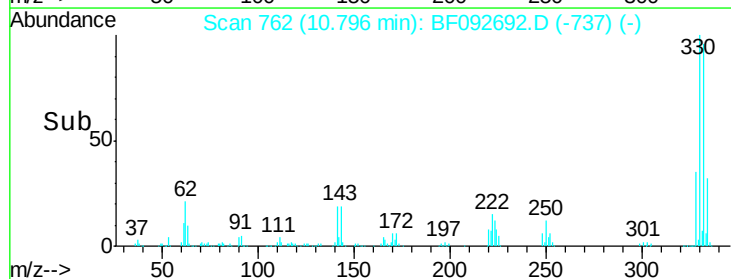
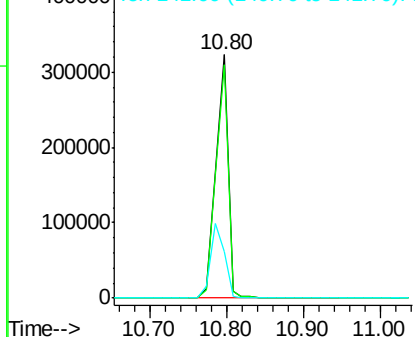


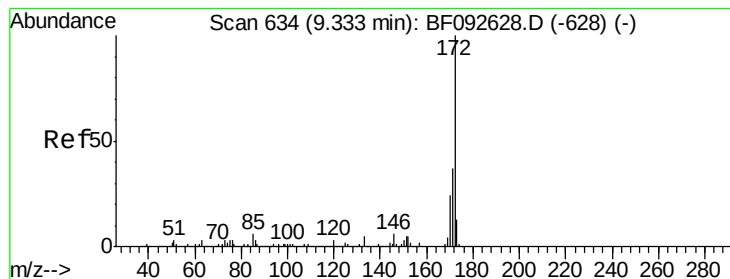
#41
2,4,6-Tribromophenol
Concen: 254.54 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Tgt Ion:330 Resp: 357560
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 34.7 34.1 51.1



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





#44

2-Fluorobiphenyl

Concen: 167.35 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

Instrument :

BNA_F

ClientSampleId :

B2-8

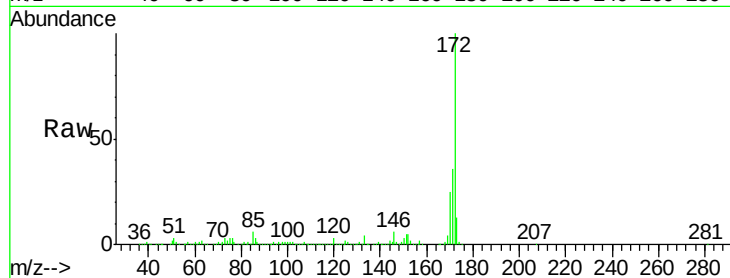
Tgt Ion:172 Resp: 1794050

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

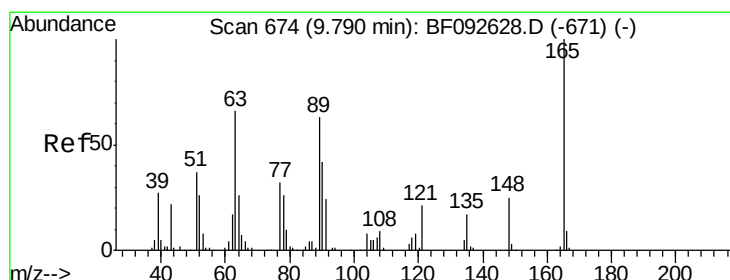
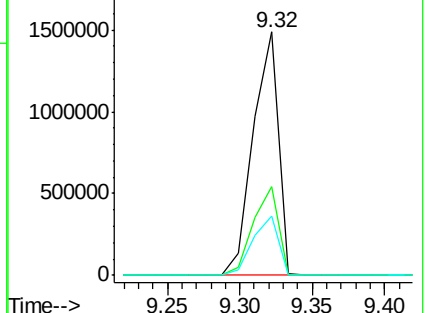
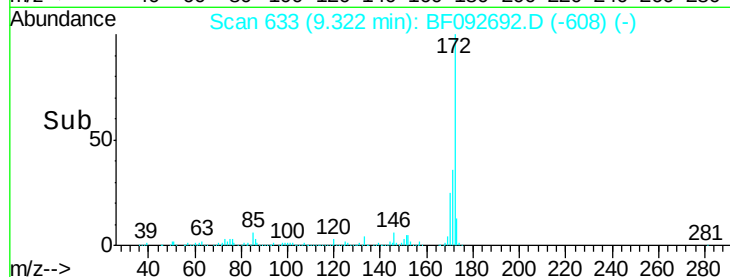
170 24.5 20.2 30.4



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

2,6-Dinitrotoluene

Concen: 8.70 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.21 min

Lab File: BF092692.D

Acq: 31 Jan 2017 20:24

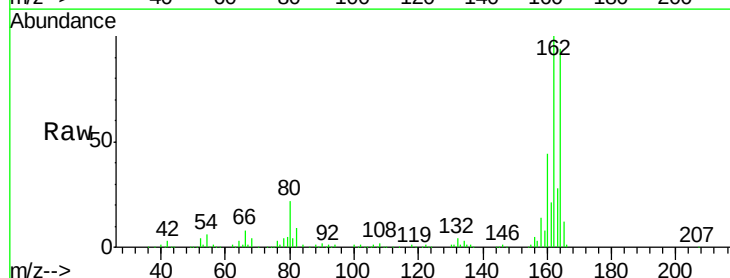
Tgt Ion:165 Resp: 24569

Ion Ratio Lower Upper

165 100

63 1.9 36.2 54.4#

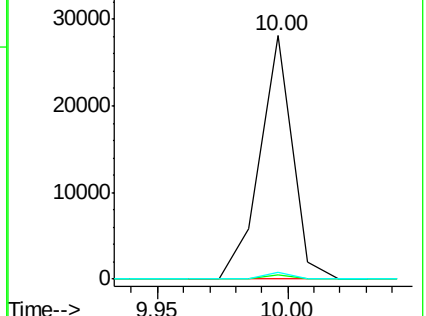
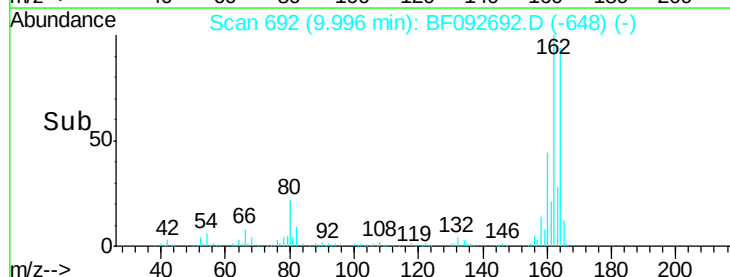
89 2.6 40.2 60.4#

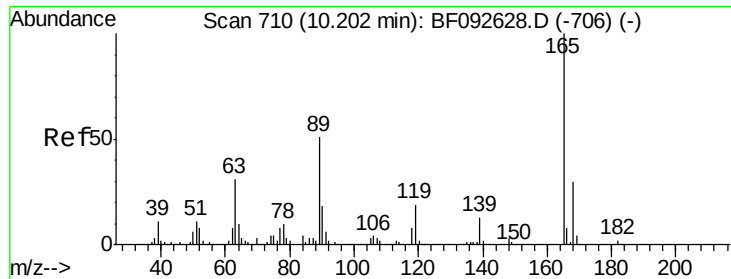


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

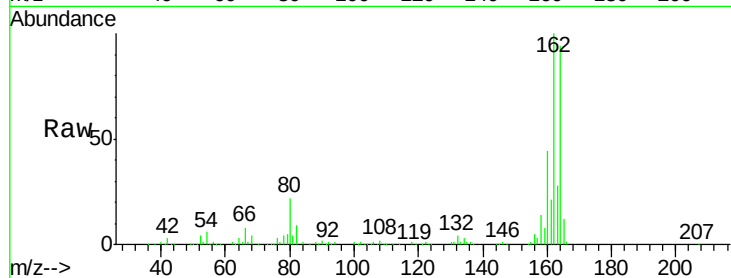




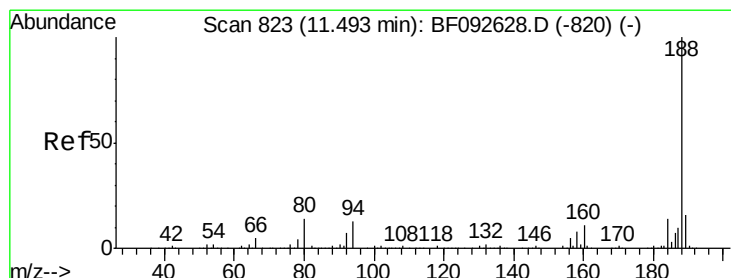
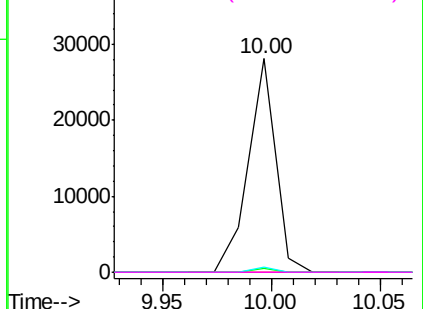
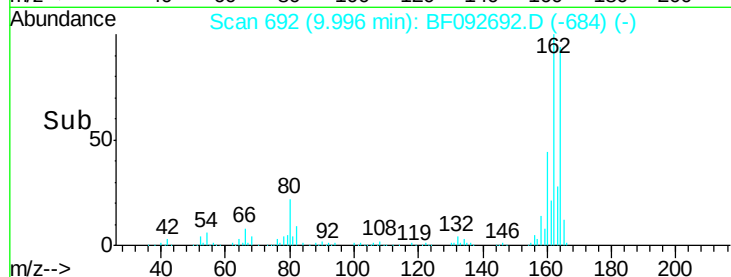
#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 B2-8

Tgt Ion:165 Resp: 24570
 Ion Ratio Lower Upper
 165 100
 63 1.9 40.2 60.4#
 89 2.6 62.5 93.7#
 182 0.0 1.8 2.8#

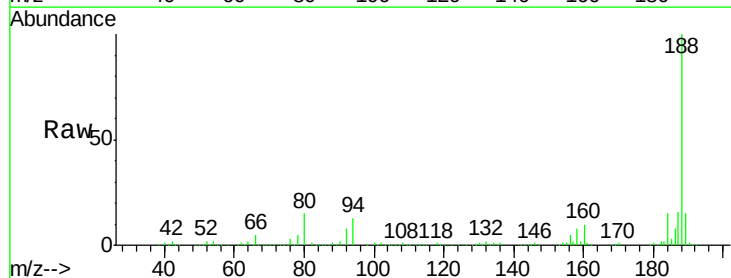


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

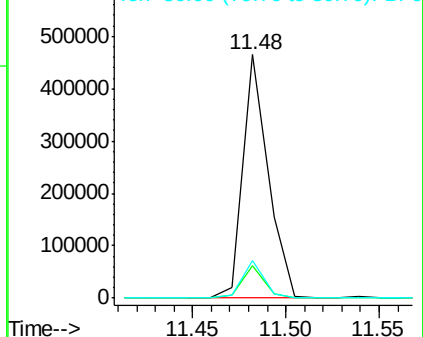
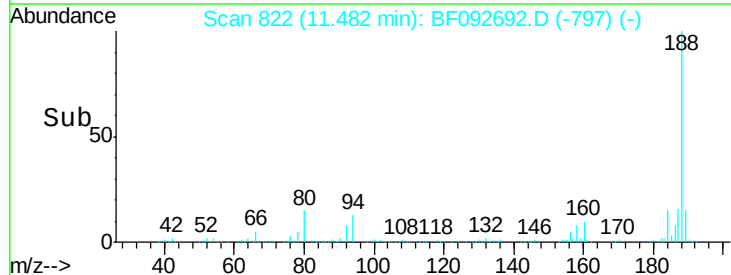


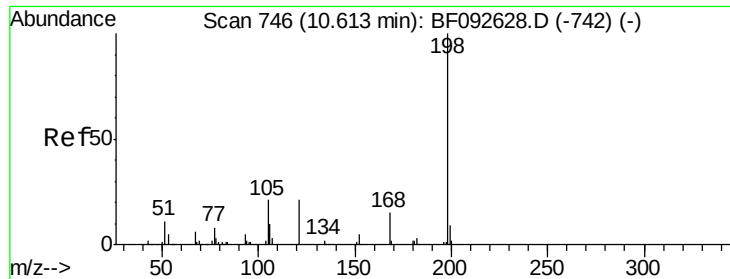
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

Tgt Ion:188 Resp: 441682
 Ion Ratio Lower Upper
 188 100
 94 13.4 10.0 15.0
 80 15.2 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

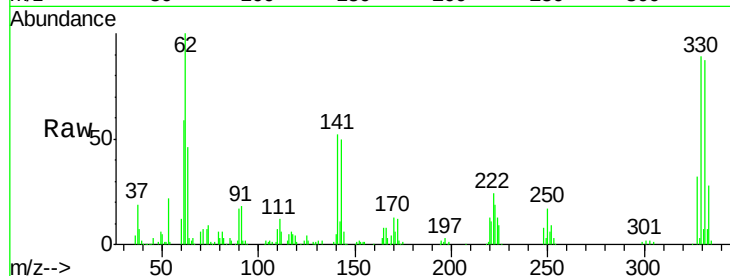




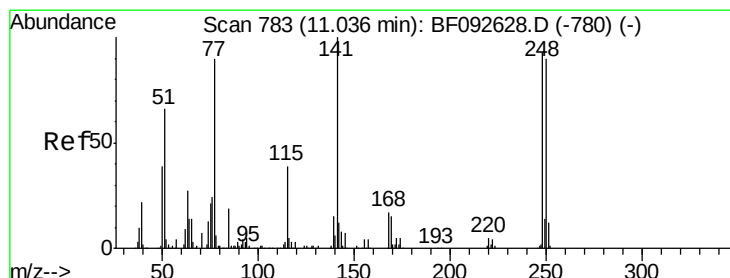
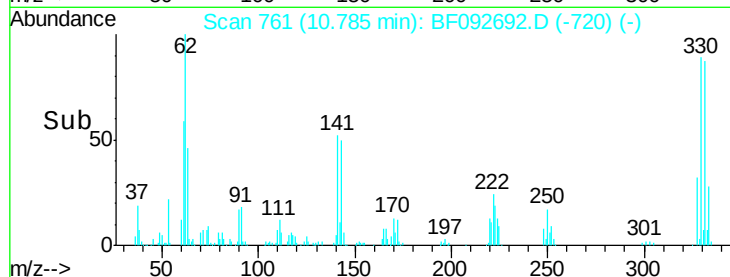
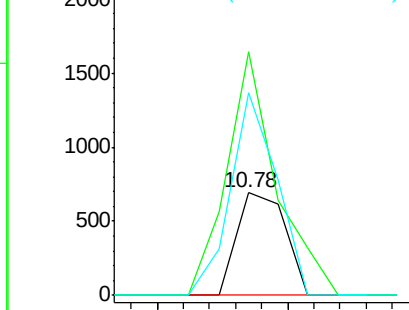
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.98 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.17 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :
 B2-8

Tgt Ion:198 Resp: 899
 Ion Ratio Lower Upper
 198 100
 51 237.3 6.7 46.7#
 105 197.7 16.6 56.6#

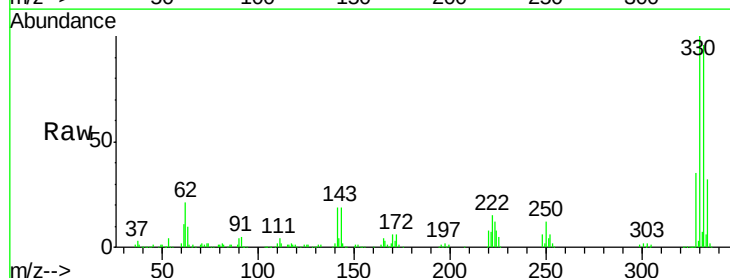


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

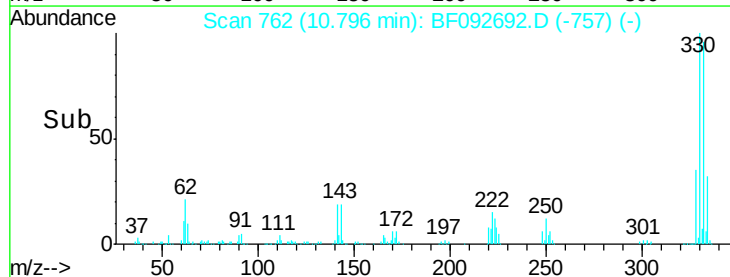
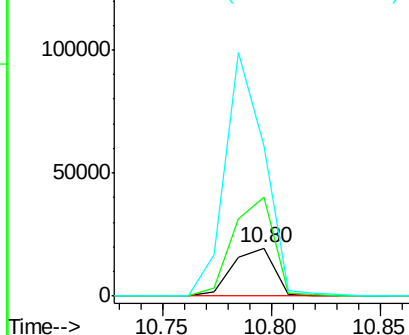


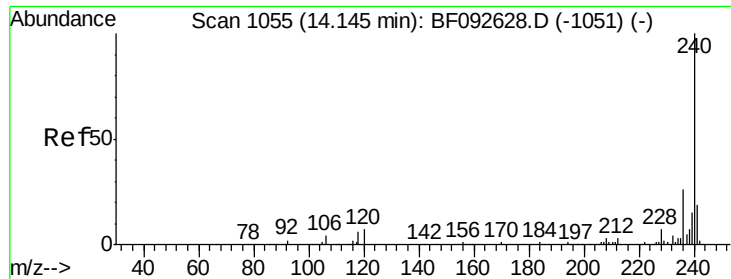
#66
 4-Bromophenyl-phenylether
 Concen: 5.59 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

Tgt Ion:248 Resp: 25783
 Ion Ratio Lower Upper
 248 100
 250 204.5 76.9 115.3#
 141 312.6 68.2 102.4#



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

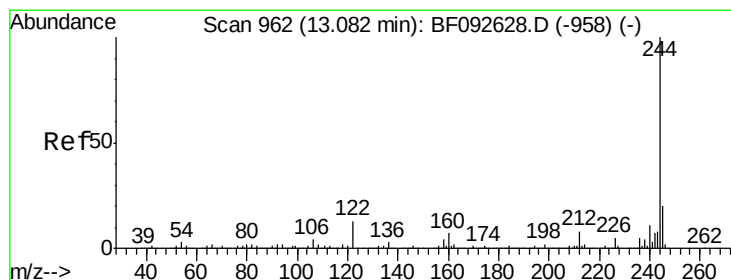
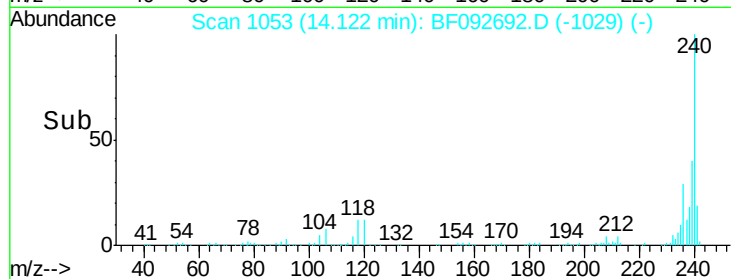
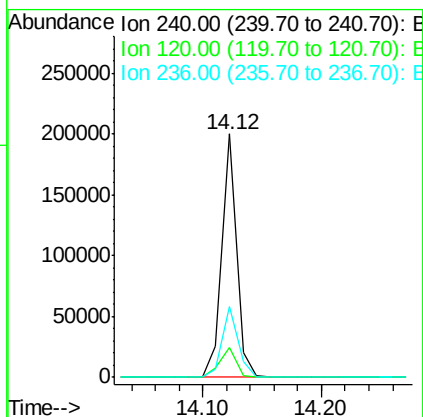
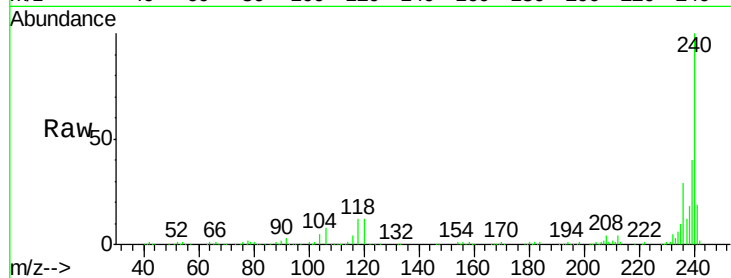




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

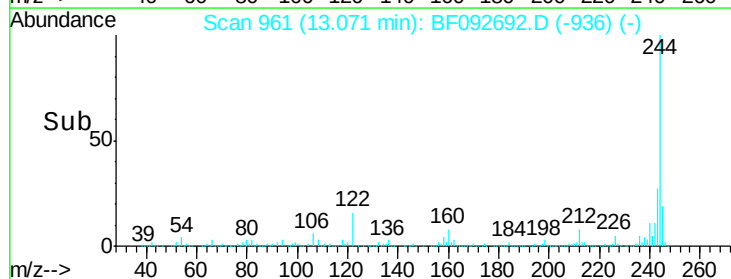
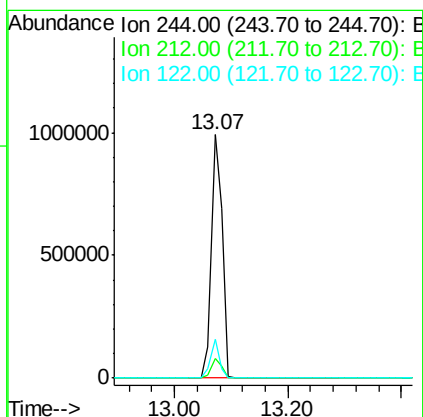
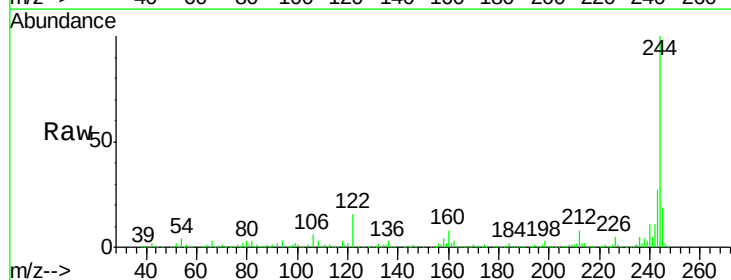
Instrument :
 BNA_F
 ClientSampled :
 B2-8

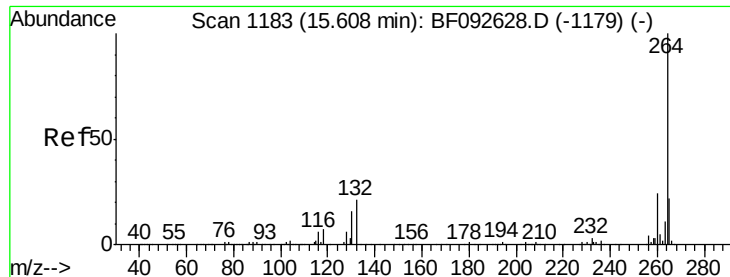
Tgt Ion: 240 Resp: 170937
 Ion Ratio Lower Upper
 240 100
 120 12.2 12.9 19.3#
 236 29.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 172.52 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092692.D
 Acq: 31 Jan 2017 20:24

Tgt Ion: 244 Resp: 1255045
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 15.7 11.4 17.2

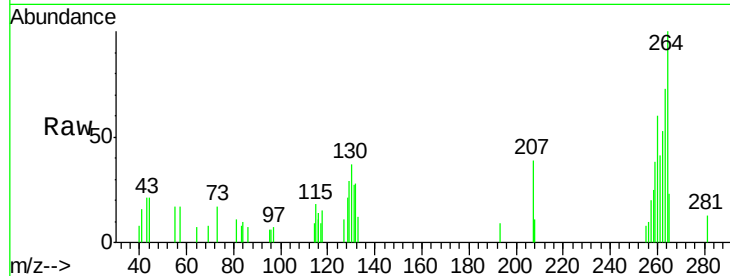




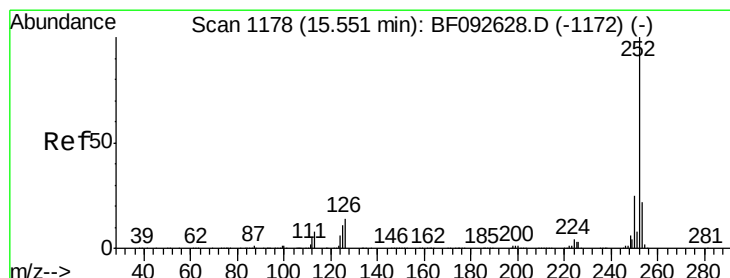
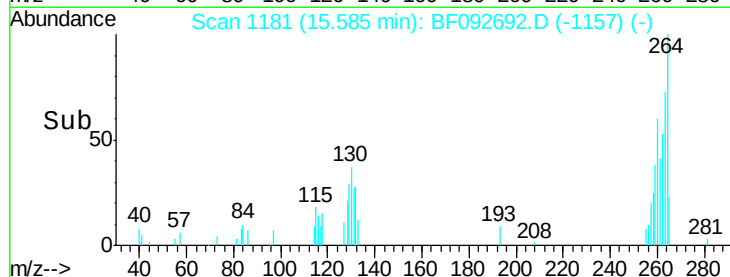
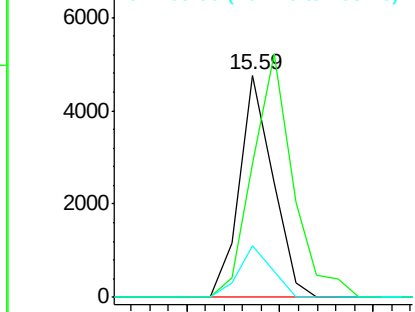
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Instrument :
BNA_F
ClientSampleId :
B2-8

Tgt Ion: 264 Resp: 5941
Ion Ratio Lower Upper
264 100
260 60.2 19.2 28.8#
265 23.0 17.4 26.0

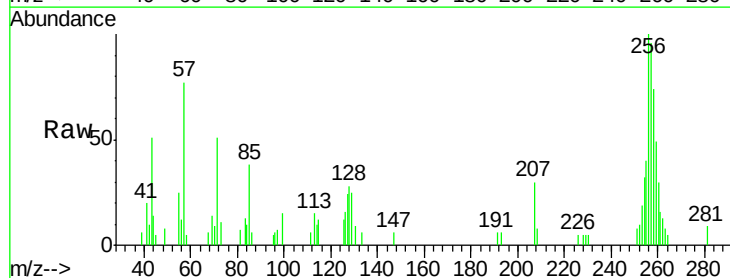


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 2.78 ng
RT: 15.61 min Scan# 1183
Delta R.T. 0.06 min
Lab File: BF092692.D
Acq: 31 Jan 2017 20:24

Tgt Ion: 252 Resp: 941
Ion Ratio Lower Upper
252 100
253 187.7 18.2 27.2#
125 121.4 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

