

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093308.D
 Acq On : 2 Mar 2017 00:00
 Operator : SJ/MA
 Sample : I2002-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Mar 02 01:31:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112911	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	185903	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	103919	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	324749	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	269794	20.00	ng	-0.05
86) Perylene-d12	15.40	264	270819	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	924496	140.47	ng	-0.05
7) Phenol-d6	6.46	99	1096011	129.43	ng	-0.02
23) Nitrobenzene-d5	7.39	82	581559	174.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	147556	196.32	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	511855	89.23	ng	-0.01
78) Terphenyl-d14	12.92	244	746428	65.01	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	71742	11.83	ng	# 1
10) Phenol	6.48	94	86486	8.73	ng	90
15) Benzyl Alcohol	7.00	79	33174	5.29	ng	# 42
18) Hexachloroethane	7.40	117	820270	279.17	ng	# 35
19) n-Nitroso-di-n-propylamine	7.25	70	157204	29.16	ng	# 67
20) 3+4-Methylphenols	7.23	107	15689	2.11	ng	# 1
22) Acetophenone	7.22	105	517683	121.97	ng	# 58
24) Nitrobenzene	7.48	77	133666	38.99	ng	# 52
25) Isophorone	7.65	82	436818	70.22	ng	# 1
26) 2-Nitrophenol	7.69	139	16348	10.03	ng	# 1
27) 2,4-Dimethylphenol	7.78	122	46216	16.15	ng	# 1
28) bis(2-Chloroethoxy)methane	7.92	93	87721	21.29	ng	# 1
29) 2,4-Dichlorophenol	7.97	162	37476	14.04	ng	# 1
30) 1,2,4-Trichlorobenzene	8.02	180	30089	10.46	ng	# 64
31) Naphthalene	8.14	128	333545	35.39	ng	# 18
32) Benzoic acid	7.92	122	42793	29.62	ng	# 1
33) 4-Chloroaniline	8.26	127	28188	7.63	ng	# 1
35) Caprolactam	8.58	113	403083	480.14	ng	# 1
36) 4-Chloro-3-methylphenol	8.67	107	38859	13.97	ng	# 31
37) 2-Methylnaphthalene	8.86	142	1847650	305.36	ng	98
42) 2,4,6-Trichlorophenol	9.13	196	20581	10.74	ng	# 12
43) 2,4,5-Trichlorophenol	9.20	196	5135	2.45	ng	# 1
46) 2-Chloronaphthalene	9.39	162	24696	4.20	ng	# 1
47) 2-Nitroaniline	9.44	65	14295	7.22	ng	# 18
48) Acenaphthylene	9.76	152	67722	6.66	ng	# 1
49) Dimethylphthalate	9.60	163	59234	8.46	ng	# 47
50) 2,6-Dinitrotoluene	9.66	165	78680	52.05	ng	# 74
51) Acenaphthene	9.92	154	56570	9.30	ng	# 30
52) 3-Nitroaniline	9.85	138	32434	18.75	ng	# 32
53) 2,4-Dinitrophenol	9.92	184	3153	8.59	ng	# 1
54) Dibenzofuran	10.09	168	162941	20.04	ng	# 23
55) 4-Nitrophenol	10.00	139	85737	68.81	ng	# 24
56) 2,4-Dinitrotoluene	10.09	165	38579	19.17	ng	# 58
57) Fluorene	10.43	166	236566	37.81	ng	# 63

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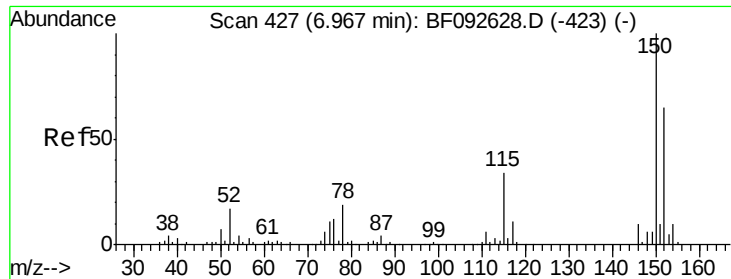
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) Diethylphthalate	10.32	149	26064	3.95	ng	# 10
61) 4-Nitroaniline	10.33	138	22918	12.93	ng	87
62) Azobenzene	10.61	77	30620	4.49	ng	# 48
64) 4,6-Dinitro-2-methylphenol	10.49	198	6335	5.70	ng	# 1
65) n-Nitrosodiphenylamine	10.53	169	368586	35.53	ng	# 46
69) Pentachlorophenol	11.14	266	469	7.45	ng	# 1
70) Phenanthrene	11.37	178	351174	18.87	ng	97
71) Anthracene	11.37	178	351174	18.80	ng	98
74) Fluoranthene	12.55	202	162818	8.48	ng	98
77) Pyrene	12.77	202	160602	7.95	ng	99
80) Benzo(a)anthracene	13.96	228	90496	5.48	ng	97
82) Chrysene	14.00	228	59753	3.87	ng	96
85) Indeno(1,2,3-cd)pyrene	16.80	276	68325	5.71	ng	# 88
87) Benzo(b)fluoranthene	14.99	252	150034	8.42	ng	# 79
88) Benzo(k)fluoranthene	14.99	252	150034	9.75	ng	# 79
89) Benzo(a)pyrene	15.35	252	87177	5.65	ng	# 85
91) Benzo(g,h,i)perylene	17.22	276	66705	5.30	ng	# 87

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

Instrument :
BNA_F
ClientSampleId :
DFTPP

[illegible]



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampled :

DFTPP

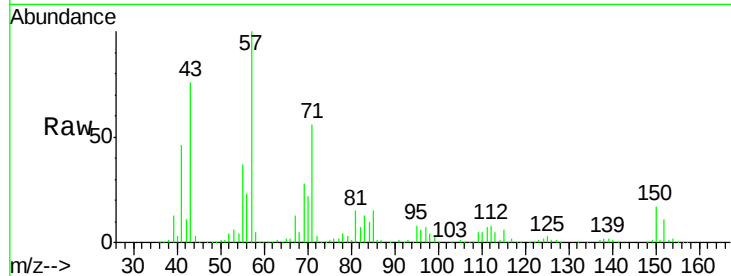
Tgt Ion:152 Resp: 112911

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

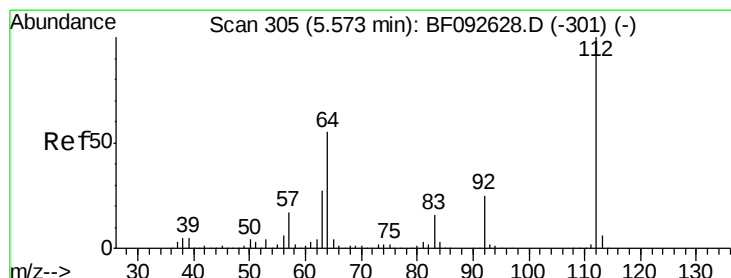
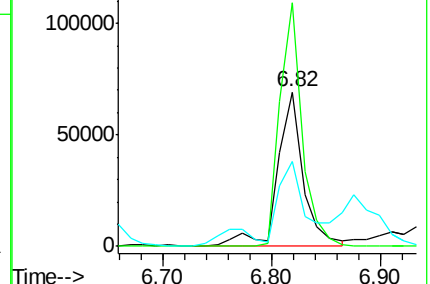
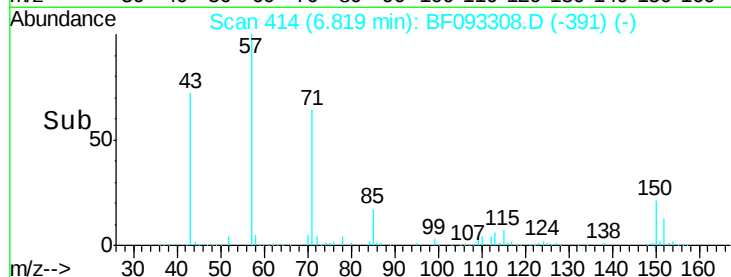
115 55.2 46.0 69.0



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: 140.47 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

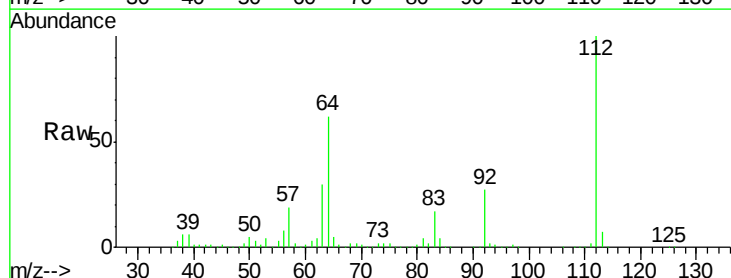
Tgt Ion:112 Resp: 924496

Ion Ratio Lower Upper

112 100

64 61.7 46.1 69.1

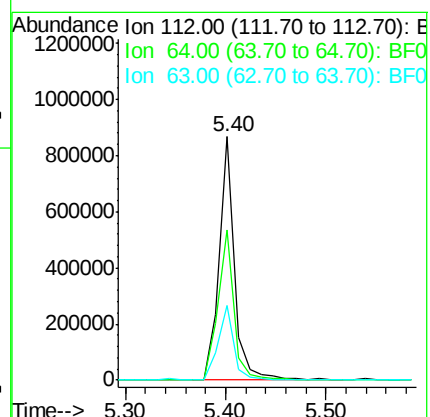
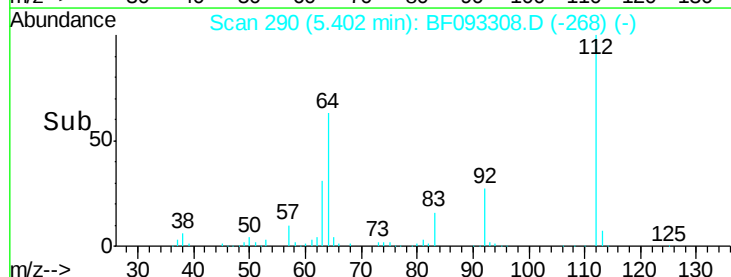
63 30.4 23.8 35.6

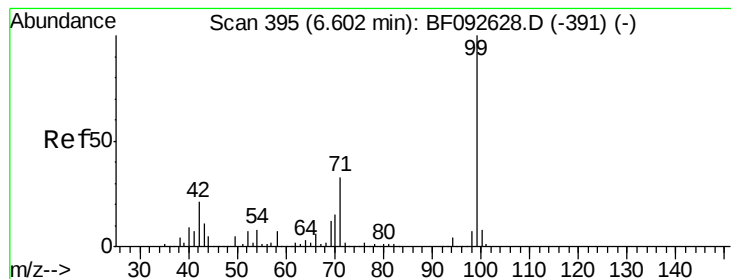


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.43 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

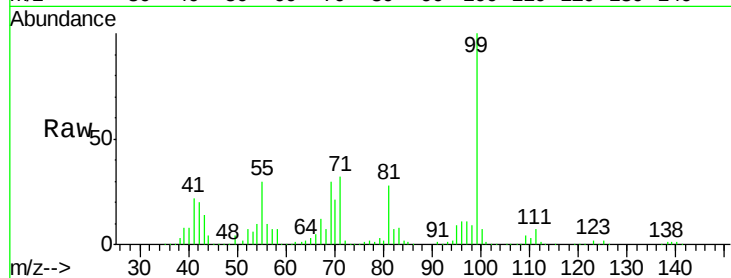
Tgt Ion: 99 Resp: 1096011

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

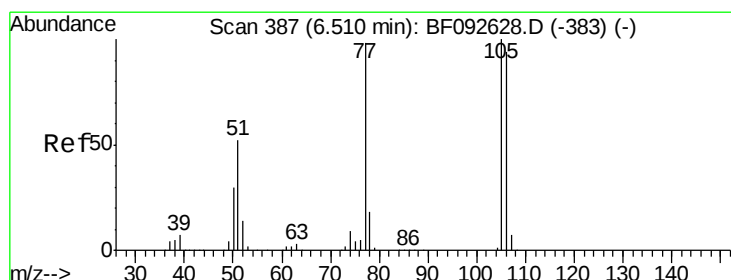
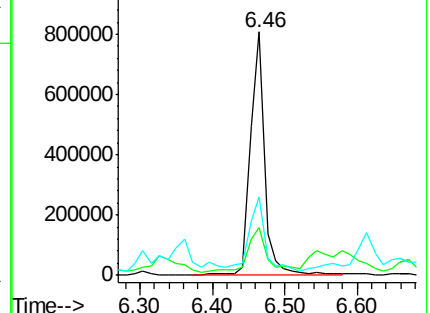
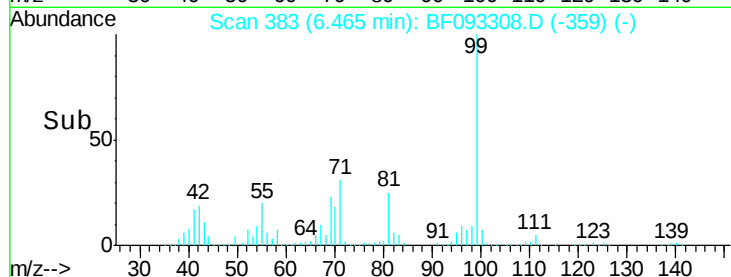
71 32.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 11.83 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

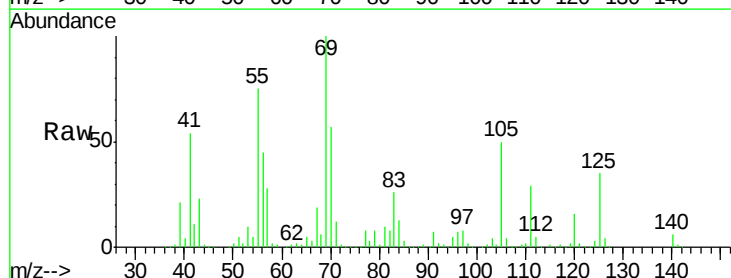
Tgt Ion: 77 Resp: 71742

Ion Ratio Lower Upper

77 100

105 613.2 83.9 123.9#

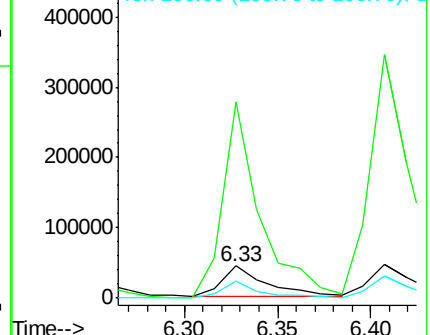
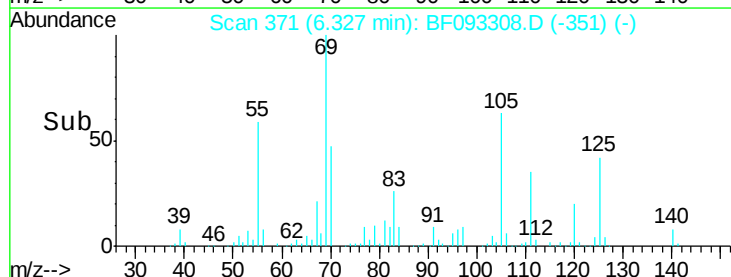
106 55.0 77.6 117.6#

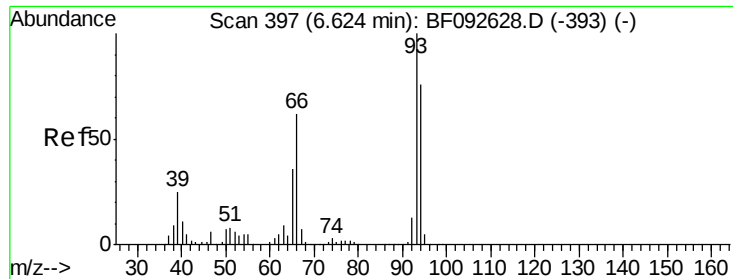


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.73 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

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ClientSampleId :

DFTPP

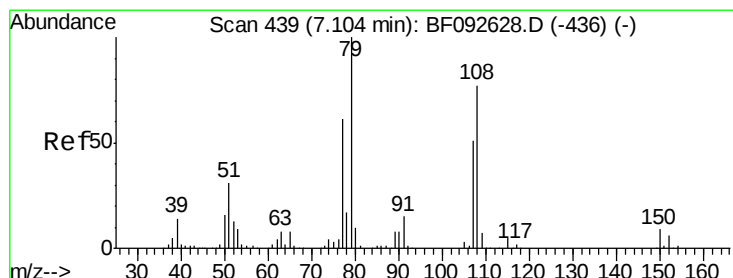
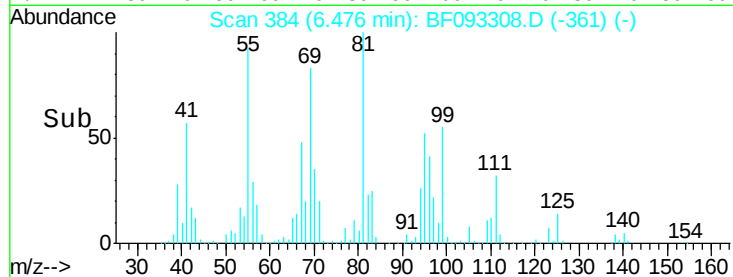
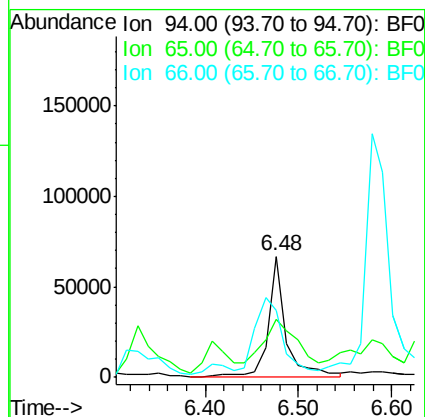
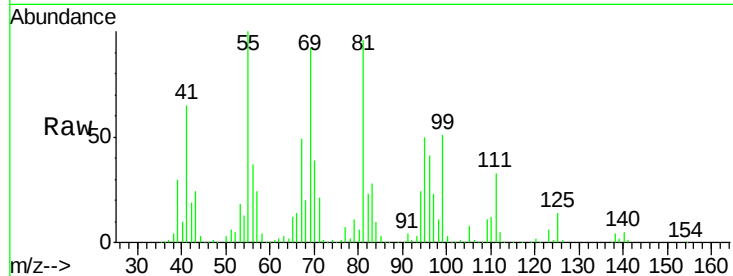
Tgt Ion: 94 Resp: 86486

Ion Ratio Lower Upper

94 100

65 47.3 21.4 61.4

66 55.3 44.0 84.0



#15

Benzyl Alcohol

Concen: 5.29 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

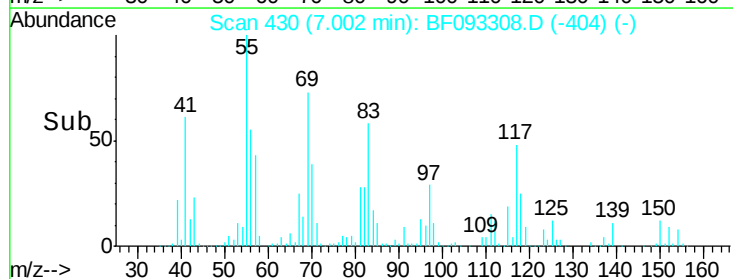
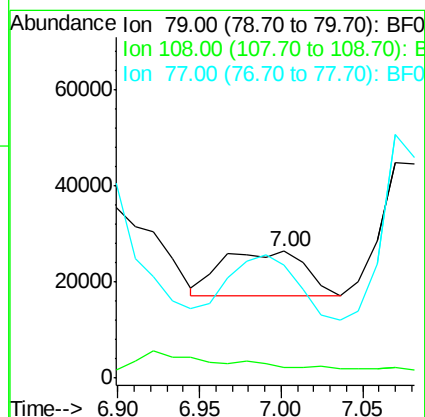
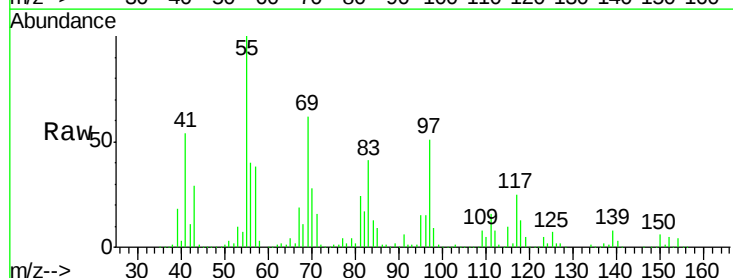
Tgt Ion: 79 Resp: 33174

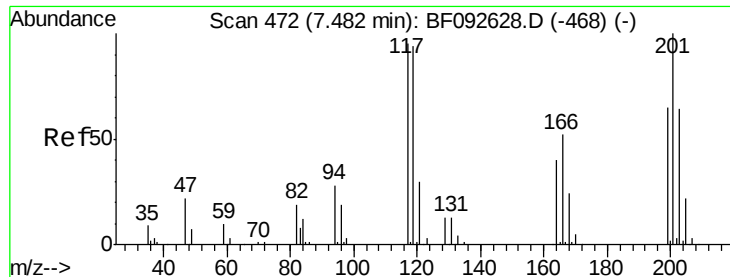
Ion Ratio Lower Upper

79 100

108 8.3 61.4 92.0#

77 89.1 50.9 76.3#

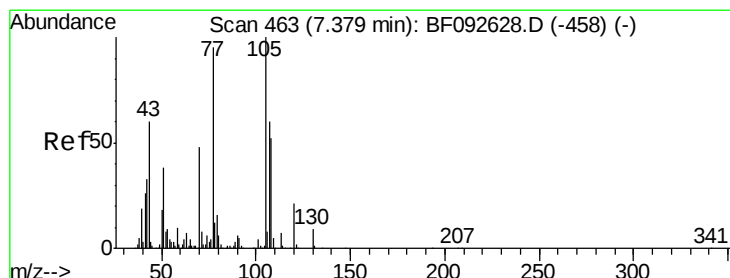
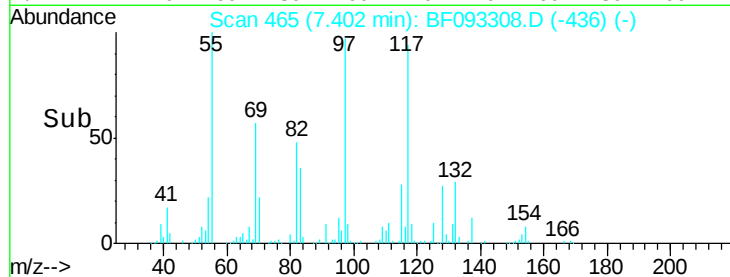
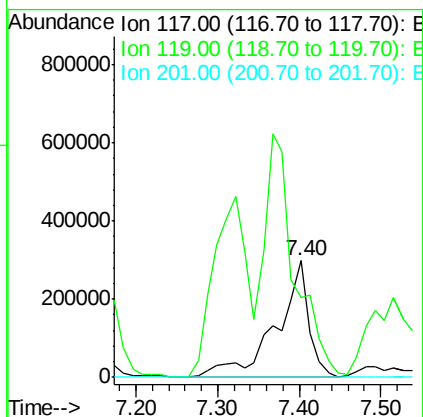
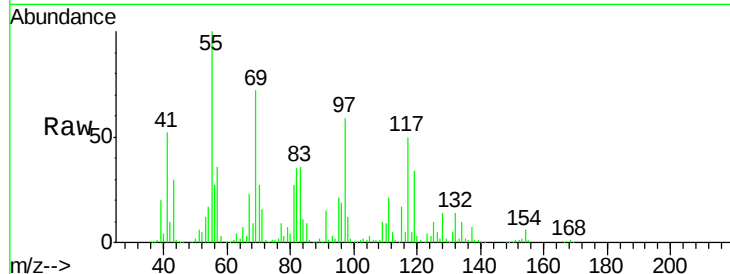




#18
Hexachloroethane
Concen: 279.17 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.03 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

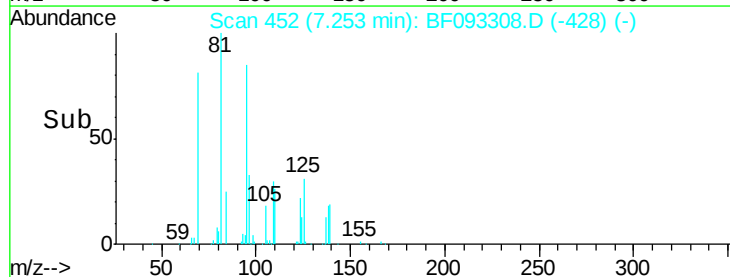
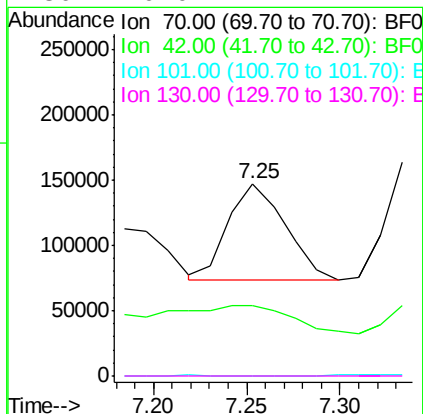
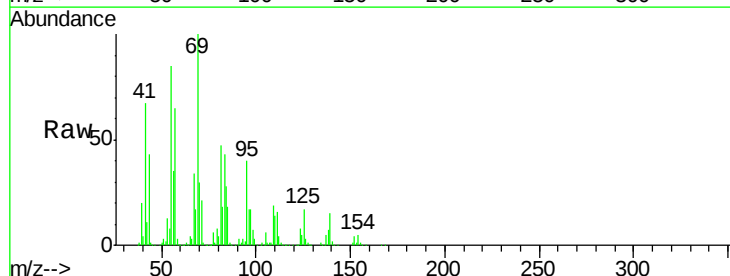
Instrument :
BNA_F
ClientSampled :
DFTPP

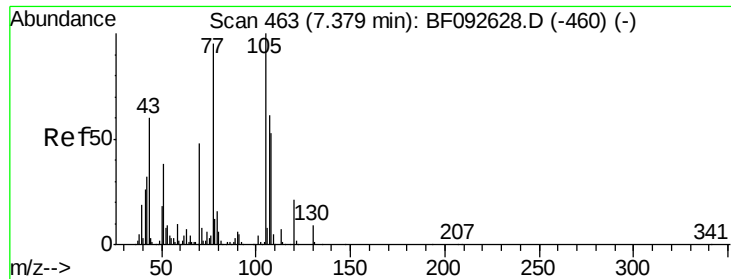
Tgt Ion:117 Resp: 820270
Ion Ratio Lower Upper
117 100
119 67.8 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 29.16 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion: 70 Resp: 157204
Ion Ratio Lower Upper
70 100
42 36.6 49.4 74.0#
101 0.0 7.4 11.2#
130 0.0 14.2 21.4#

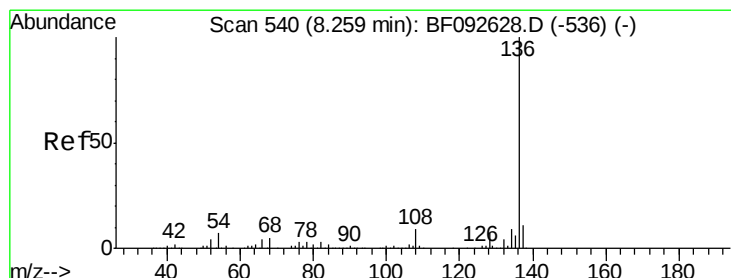
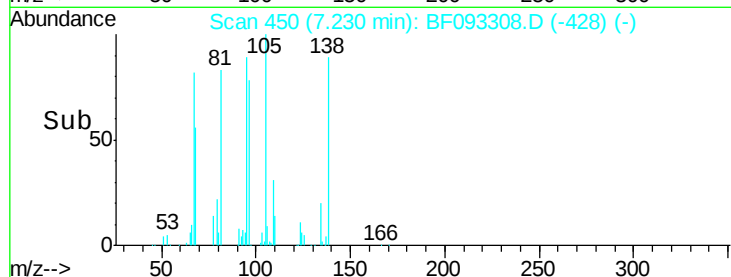
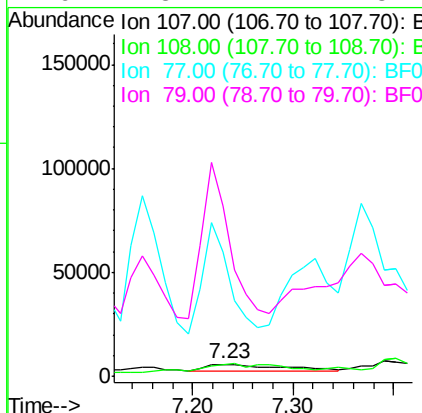
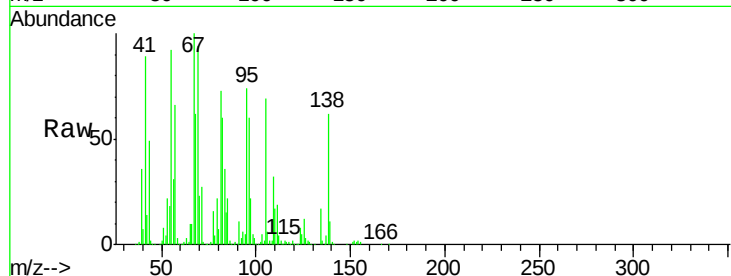




#20
3+4-Methylphenols
Concen: 2.11 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

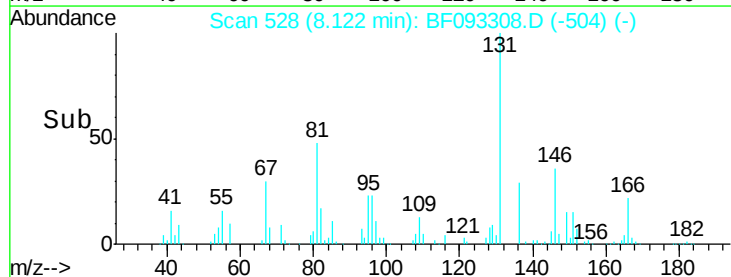
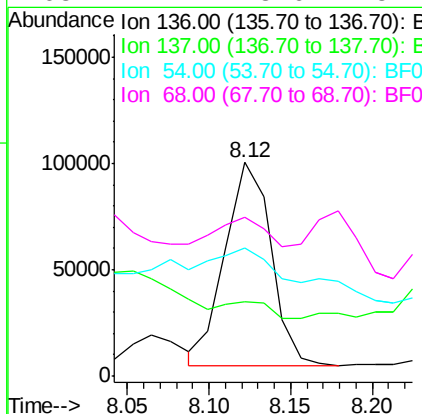
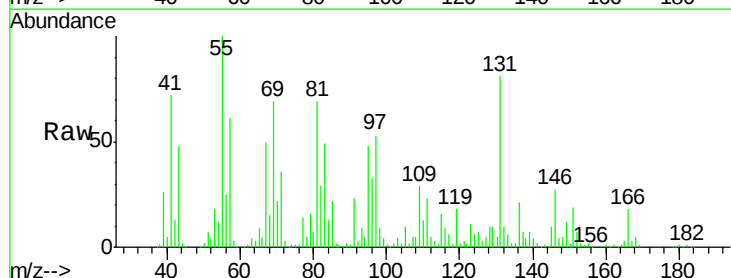
Instrument :
BNA_F
ClientSampleId :
DFTPP

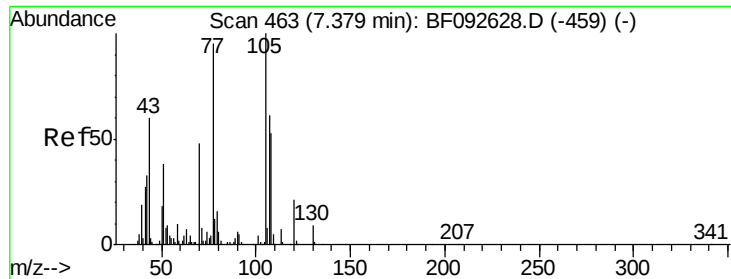
Tgt Ion:107 Resp: 15689
Ion Ratio Lower Upper
107 100
108 100.7 73.0 113.0
77 1042.5 71.3 111.3#
79 1425.1 11.1 51.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion:136 Resp: 185903
Ion Ratio Lower Upper
136 100
137 35.0 8.4 12.6#
54 59.7 4.5 6.7#
68 74.4 3.6 5.4#

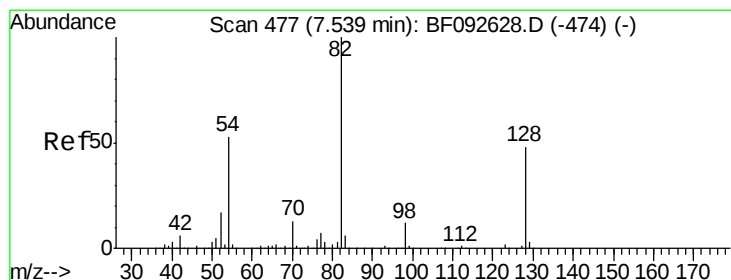
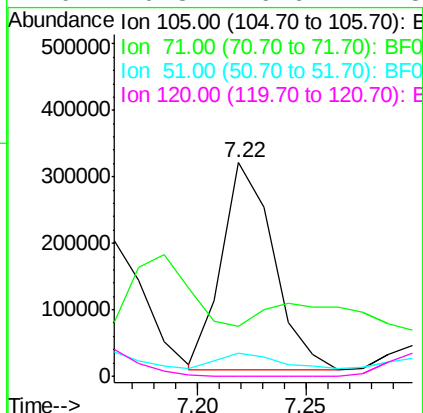
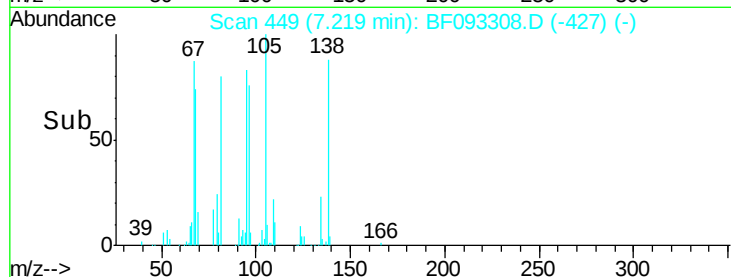
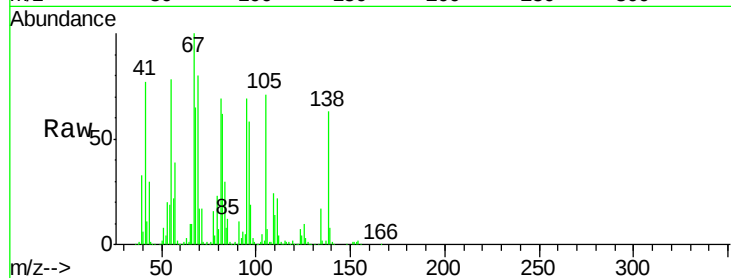




#22
Acetophenone
Concen: 121.97 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

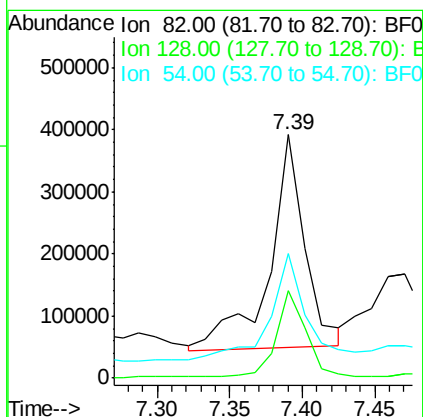
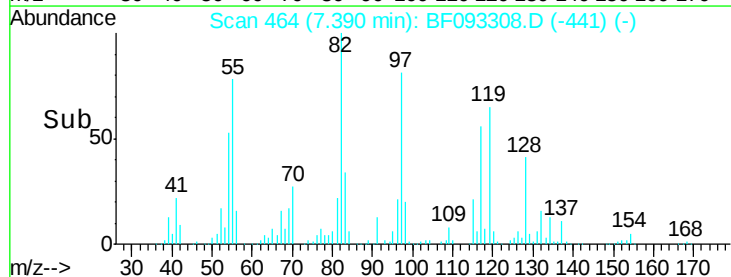
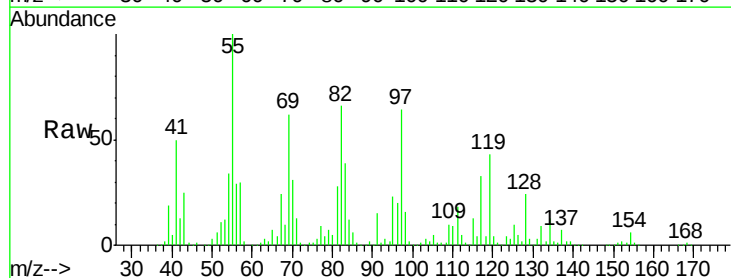
Instrument :
BNA_F
ClientSampled :
DFTPP

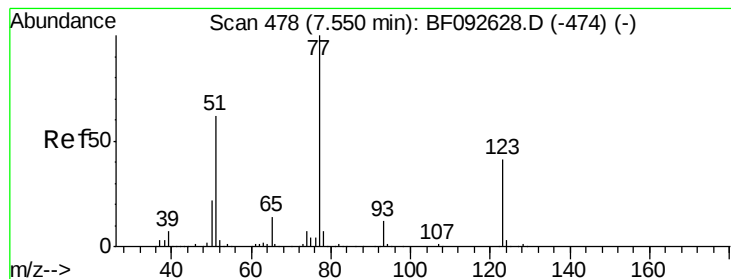
Tgt Ion: 105 Resp: 517683
Ion Ratio Lower Upper
105 100
71 23.4 3.2 4.8#
51 10.8 26.2 39.4#
120 0.3 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 174.21 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion: 82 Resp: 581559
Ion Ratio Lower Upper
82 100
128 36.1 34.6 52.0
54 51.3 39.5 59.3





#24

Nitrobenzene

Concen: 38.99 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.03 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

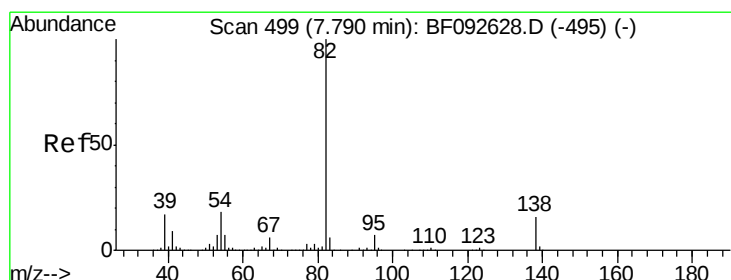
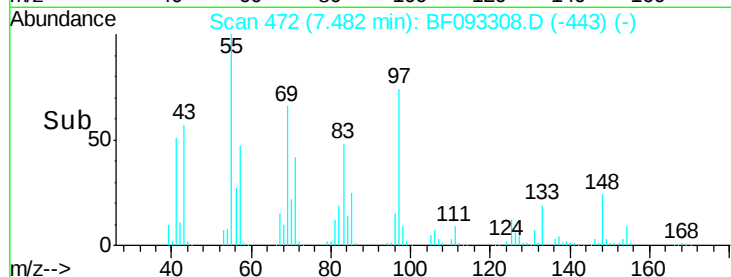
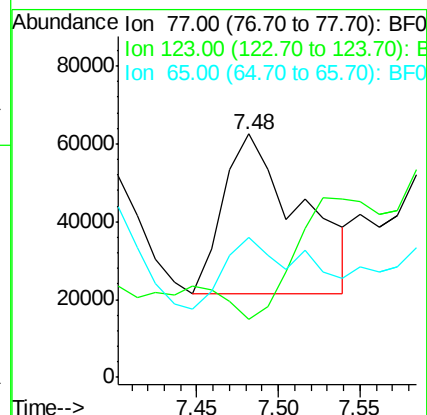
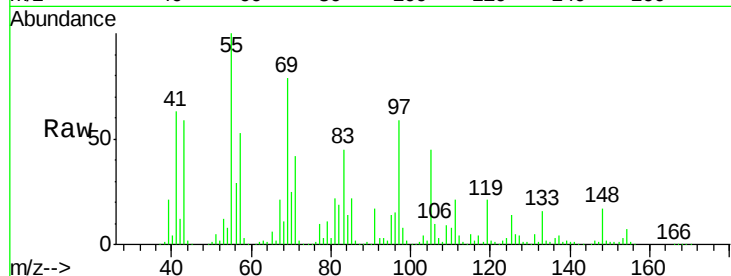
Tgt Ion: 77 Resp: 133666

Ion Ratio Lower Upper

77 100

123 23.7 33.0 49.4#

65 57.3 11.2 16.8#



#25

Isophorone

Concen: 70.22 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.03 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

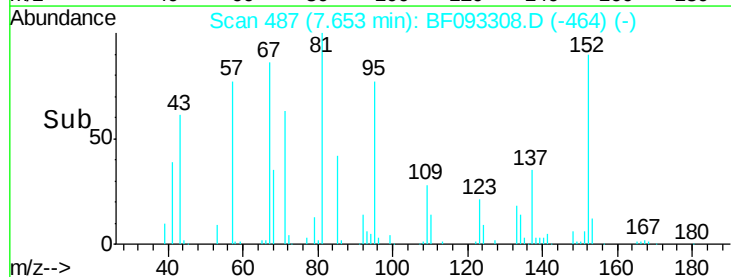
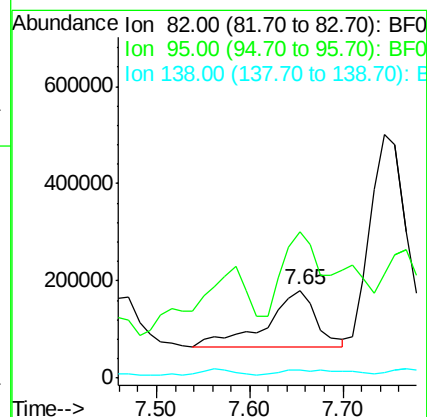
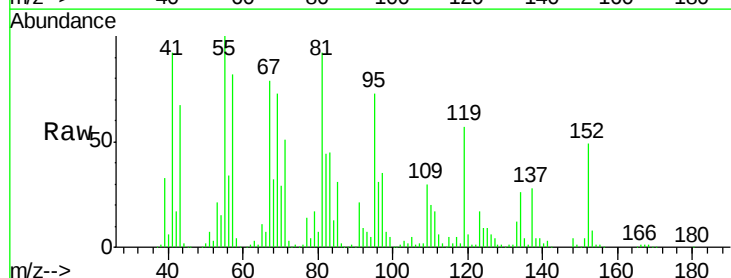
Tgt Ion: 82 Resp: 436818

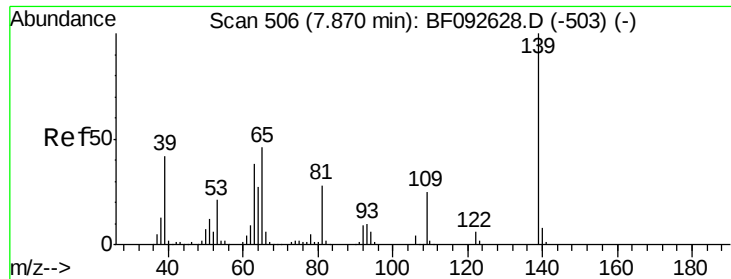
Ion Ratio Lower Upper

82 100

95 166.1 5.6 8.4#

138 8.7 14.6 22.0#

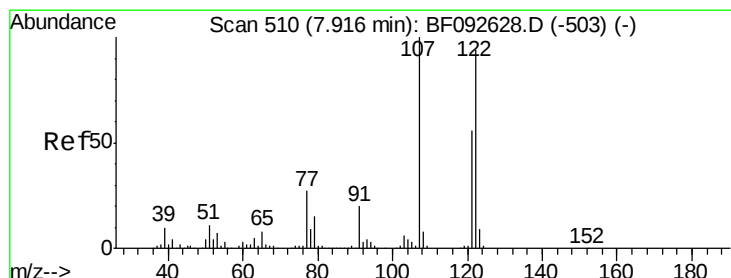
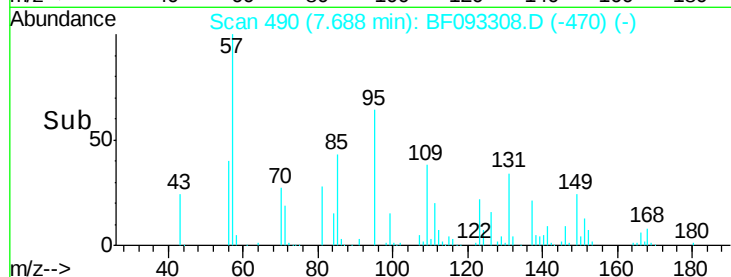
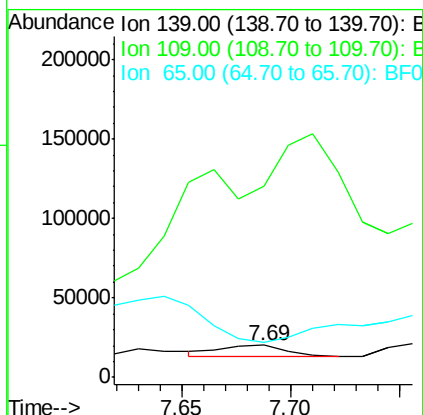
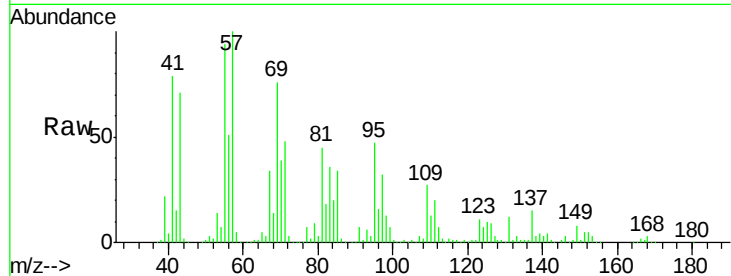




#26
 2-Nitrophenol
 Concen: 10.03 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.07 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

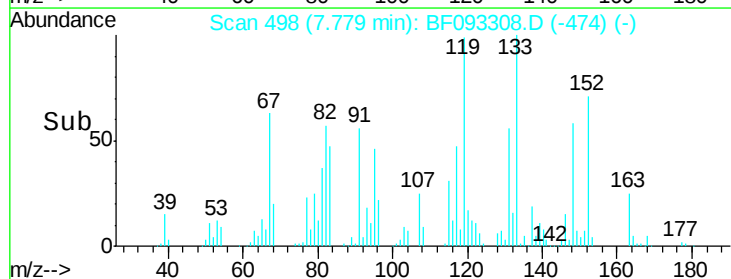
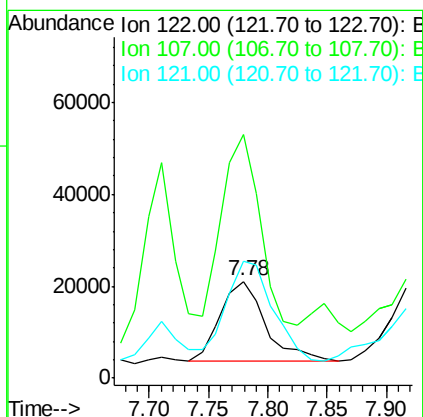
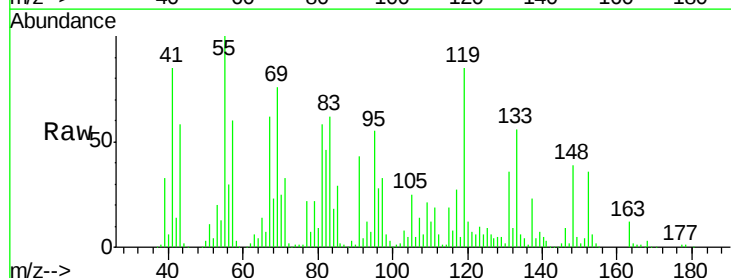
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

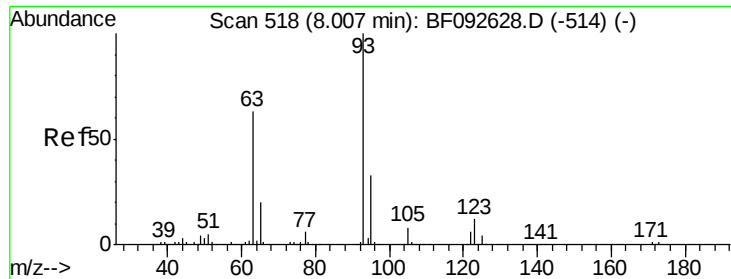
Tgt Ion:139 Resp: 16348
 Ion Ratio Lower Upper
 139 100
 109 597.5 23.3 34.9#
 65 110.1 42.7 64.1#



#27
 2,4-Dimethylphenol
 Concen: 16.15 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Tgt Ion:122 Resp: 46216
 Ion Ratio Lower Upper
 122 100
 107 251.9 94.1 141.1#
 121 120.4 46.0 69.0#

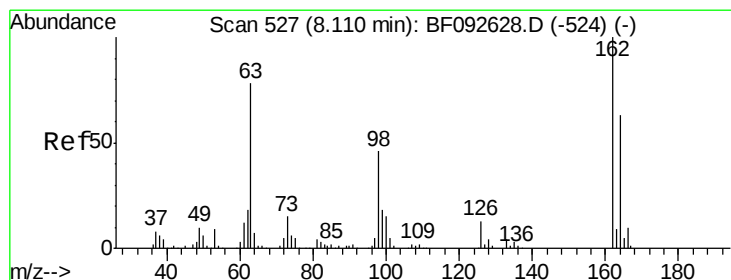
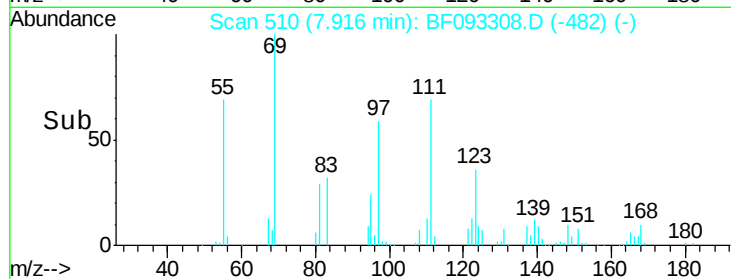
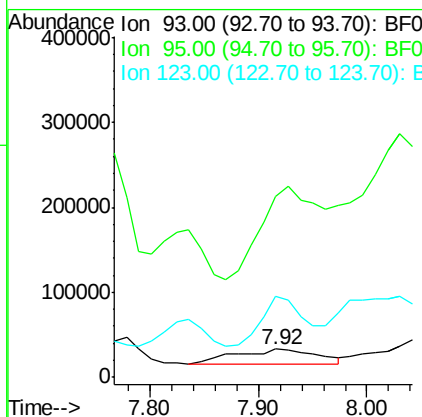
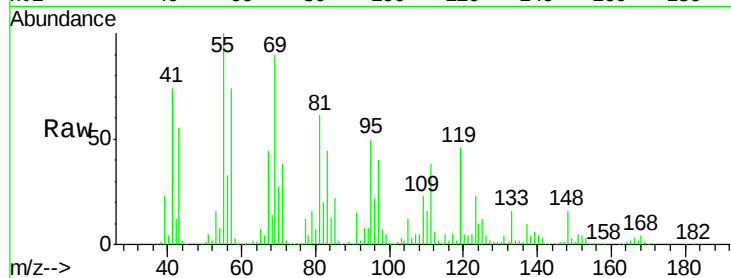




#28
bis(2-Chloroethoxy)methane
Concen: 21.29 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.02 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

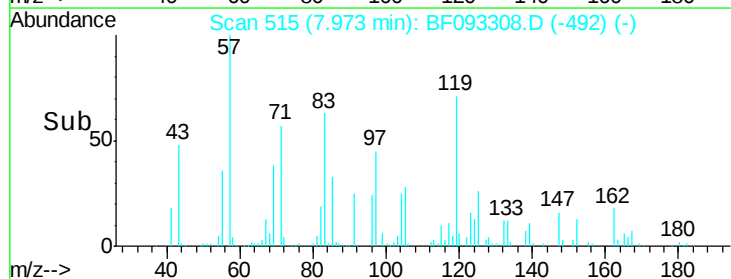
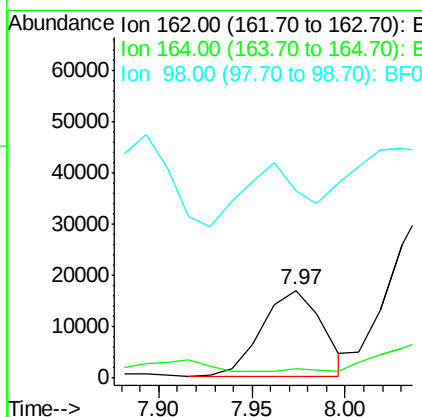
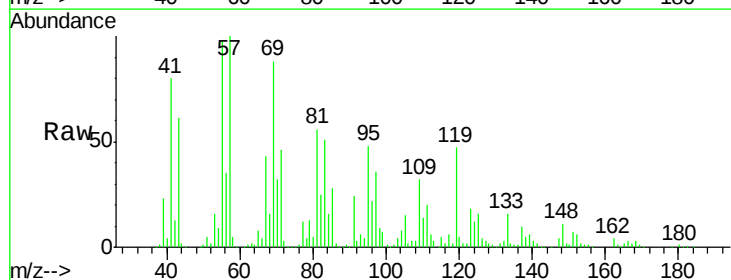
Instrument :
BNA_F
ClientSampleId :
DFTPP

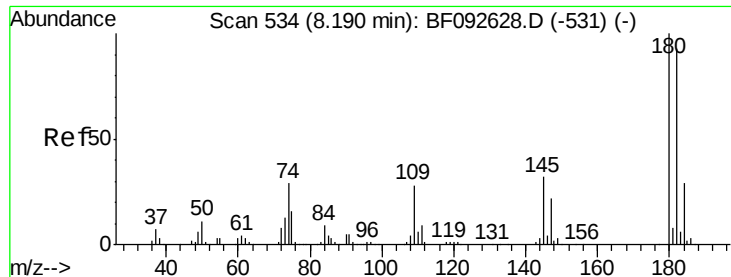
Tgt Ion: 93 Resp: 87721
Ion Ratio Lower Upper
93 100
95 644.6 26.5 39.7#
123 288.2 8.6 13.0#



#29
2,4-Dichlorophenol
Concen: 14.04 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion: 162 Resp: 37476
Ion Ratio Lower Upper
162 100
164 11.0 46.8 86.8#
98 213.6 9.1 49.1#

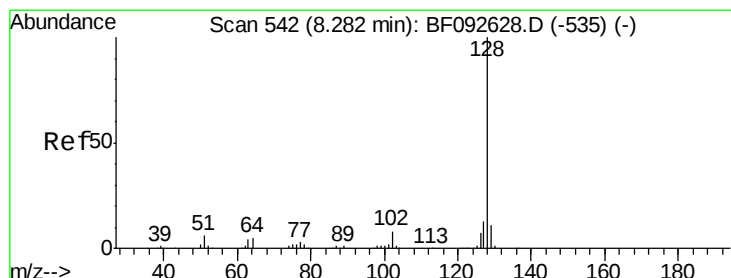
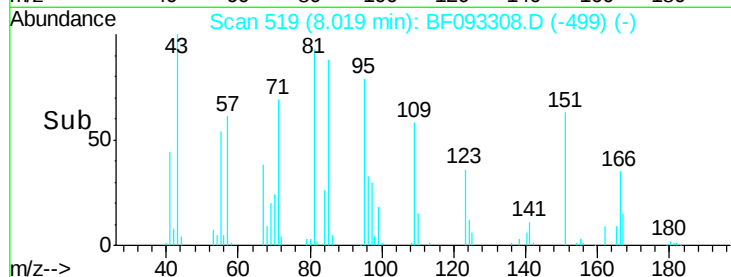
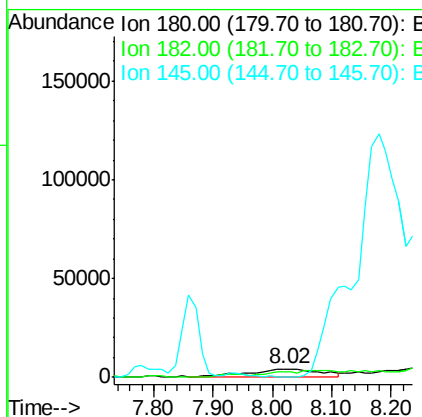
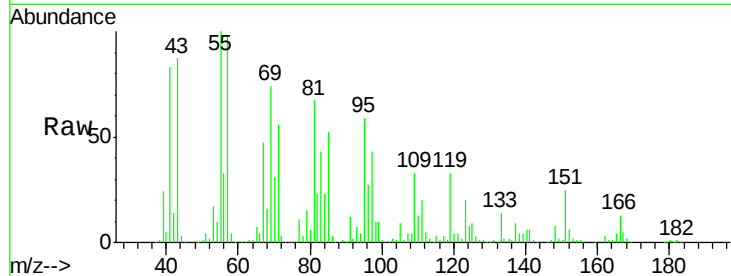




#30
1,2,4-Trichlorobenzene
Concen: 10.46 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.07 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

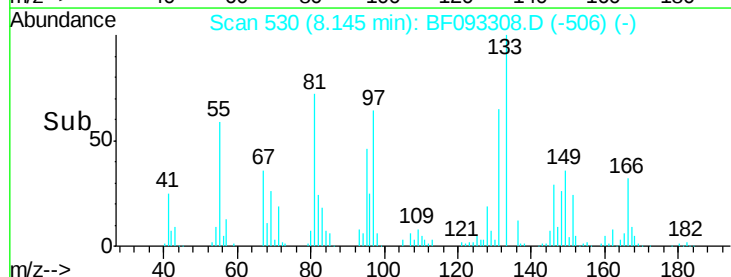
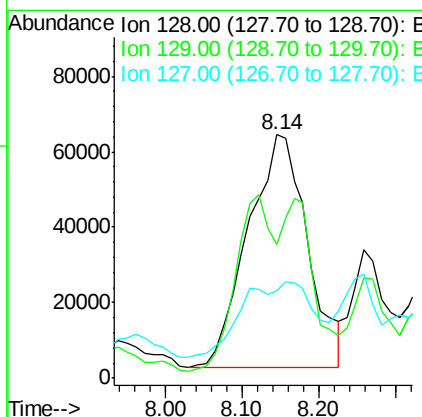
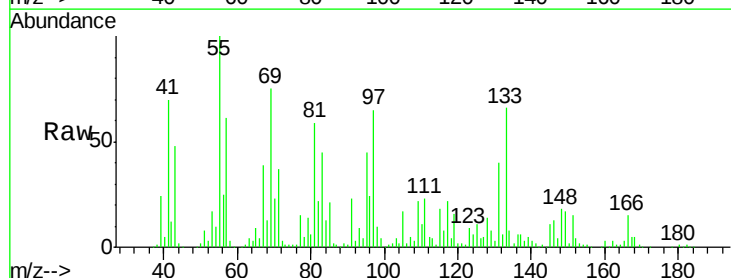
Instrument :
BNA_F
ClientSampleId :
DFTPP

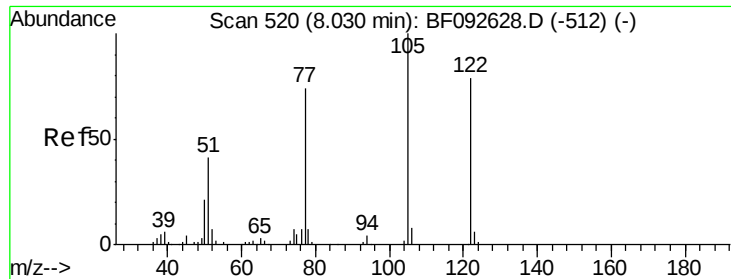
Tgt Ion:180 Resp: 30089
Ion Ratio Lower Upper
180 100
182 67.1 78.2 117.4#
145 0.0 21.6 32.4#



#31
Naphthalene
Concen: 35.39 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion:128 Resp: 333545
Ion Ratio Lower Upper
128 100
129 54.9 9.5 14.3#
127 36.0 10.8 16.2#

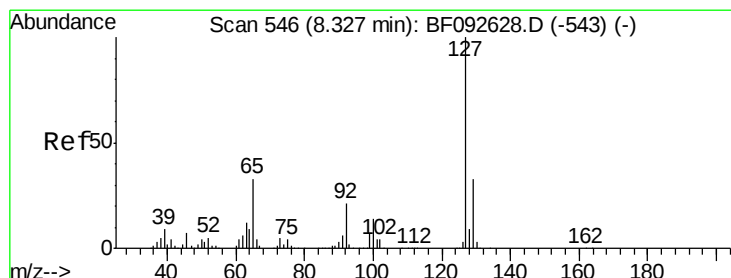
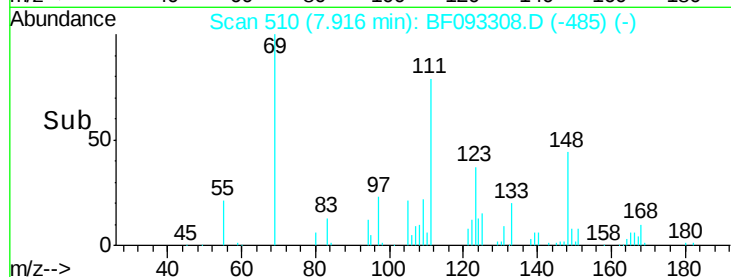
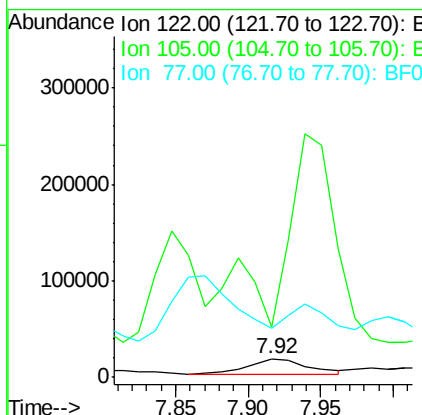
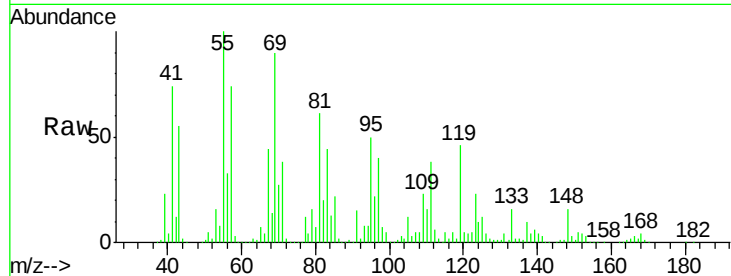




#32
Benzoic acid
Concen: 29.62 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

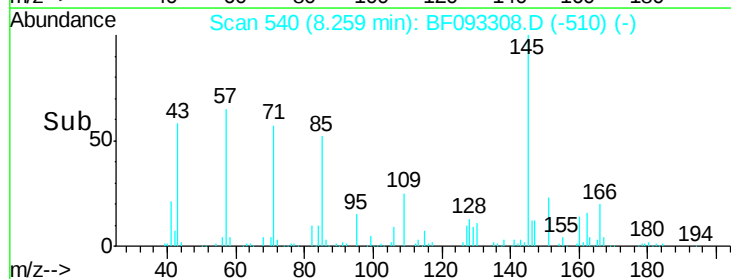
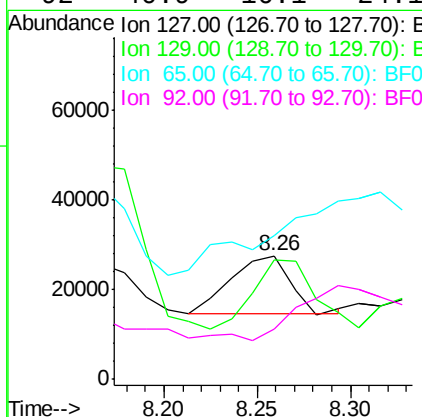
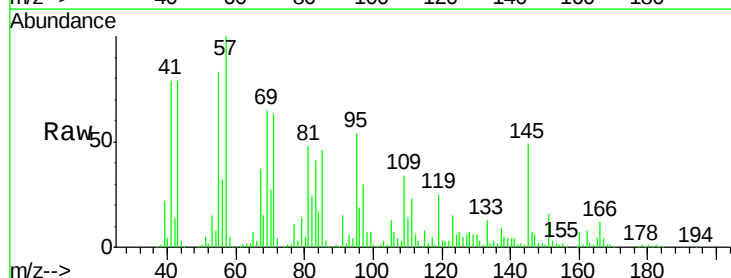
Instrument :
BNA_F
ClientSampleId :
DFTPP

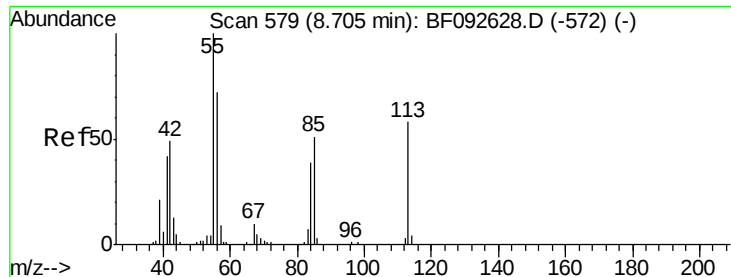
Tgt Ion:122 Resp: 42793
Ion Ratio Lower Upper
122 100
105 269.0 107.2 147.2#
77 261.0 74.5 114.5#



#33
4-Chloroaniline
Concen: 7.63 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.05 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion:127 Resp: 28188
Ion Ratio Lower Upper
127 100
129 96.1 26.3 39.5#
65 116.1 25.8 38.8#
92 40.9 16.1 24.1#

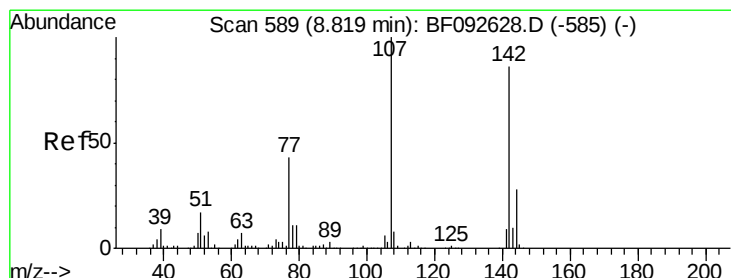
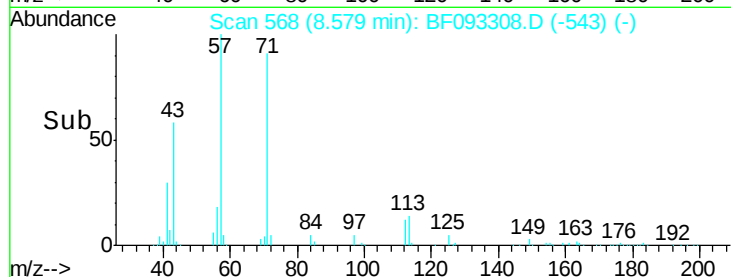
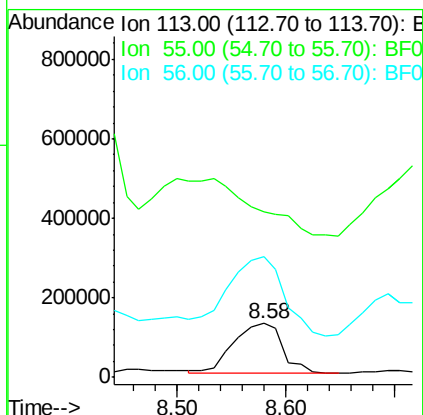
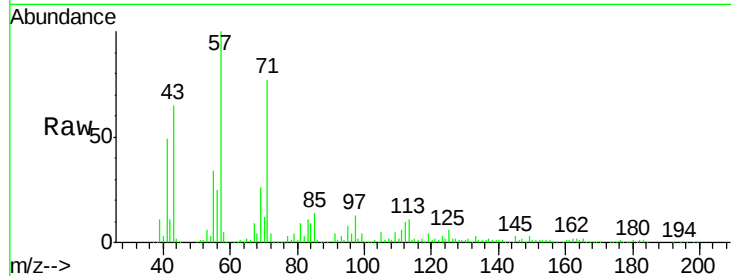




#35
 Caprolactam
 Concen: 480.14 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

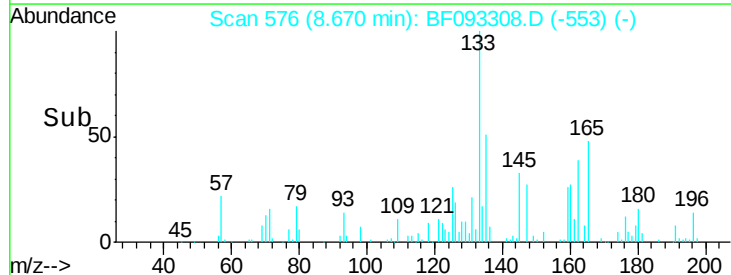
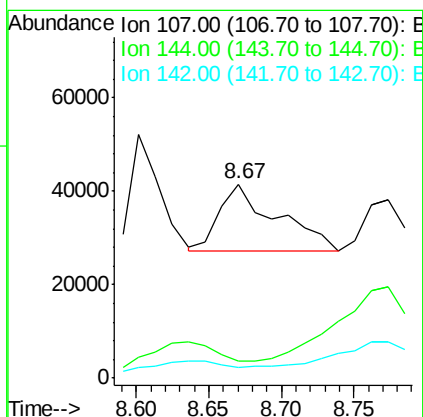
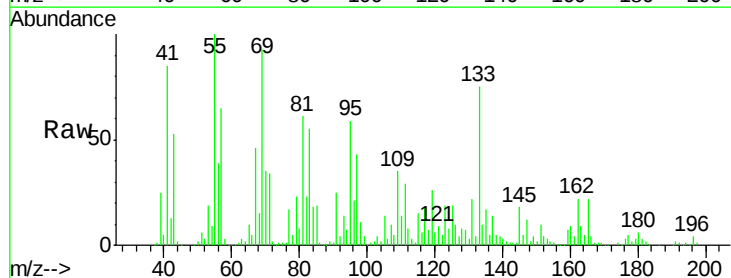
Instrument :
 BNA_F
 ClientSampled :
 DFTPP

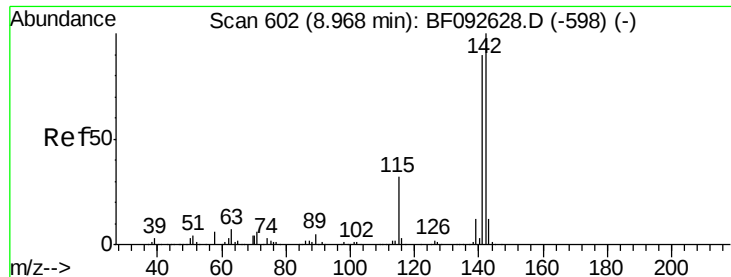
Tgt Ion:113 Resp: 403083
 Ion Ratio Lower Upper
 113 100
 55 306.7 119.2 159.2#
 56 224.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 13.97 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Tgt Ion:107 Resp: 38859
 Ion Ratio Lower Upper
 107 100
 144 8.5 19.3 28.9#
 142 5.2 59.0 88.6#

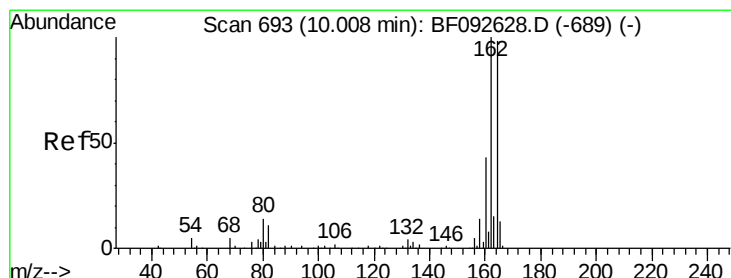
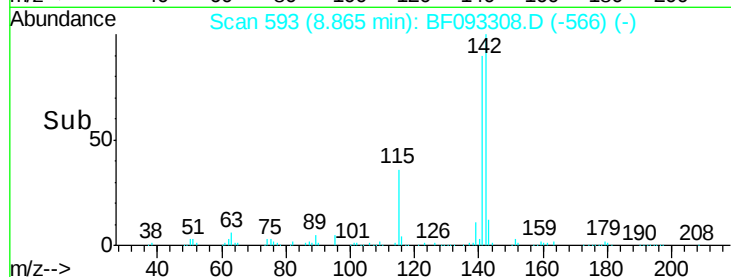
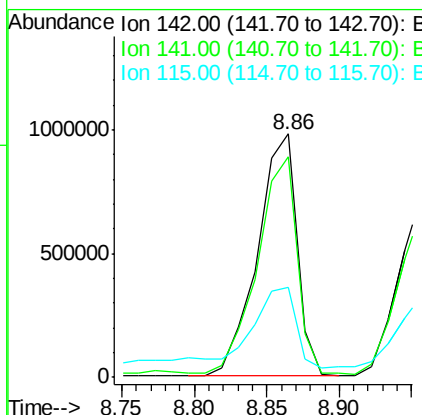
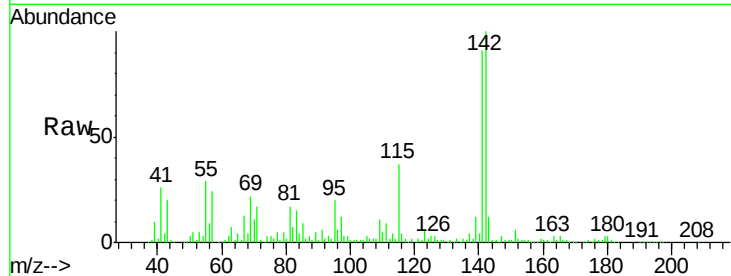




#37
 2-Methylnaphthalene
 Concen: 305.36 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

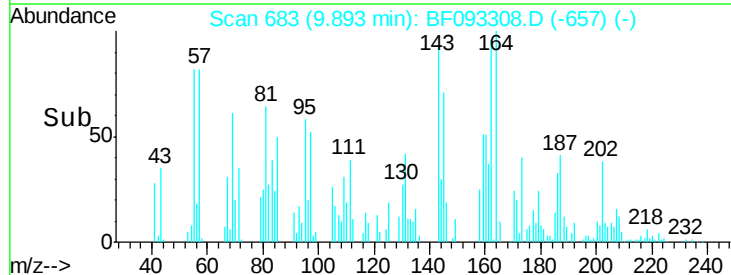
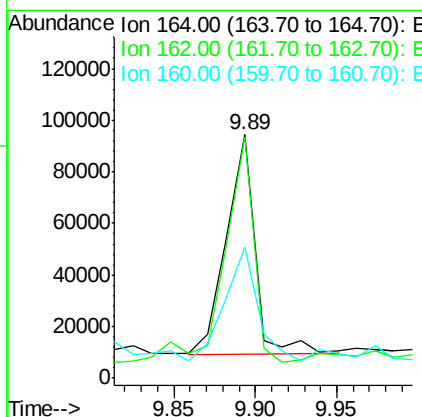
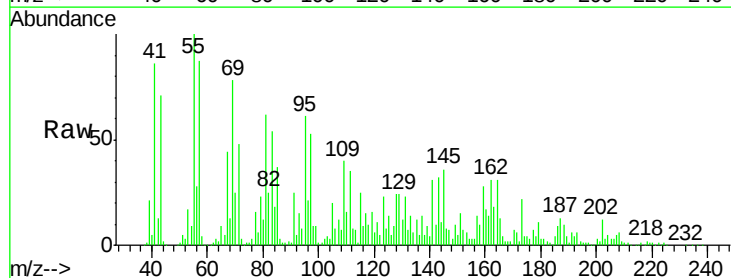
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

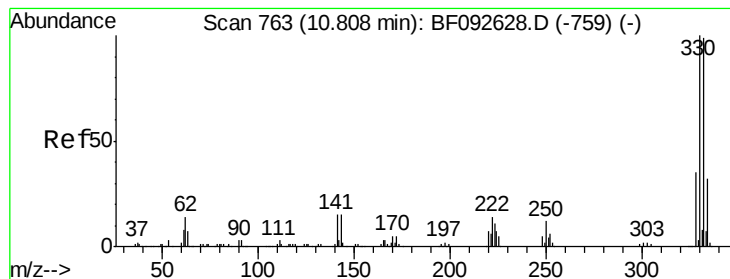
Tgt Ion:142 Resp: 1847650
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 37.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Tgt Ion:164 Resp: 103919
 Ion Ratio Lower Upper
 164 100
 162 98.8 80.2 120.2
 160 53.9 36.9 55.3

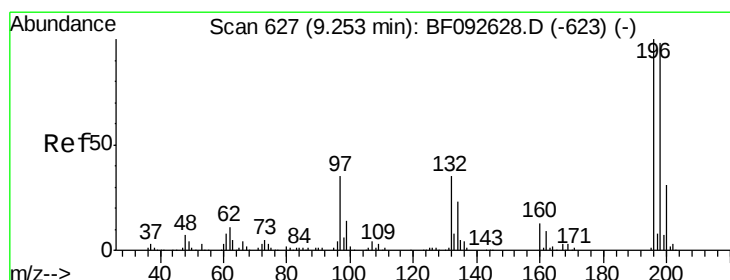
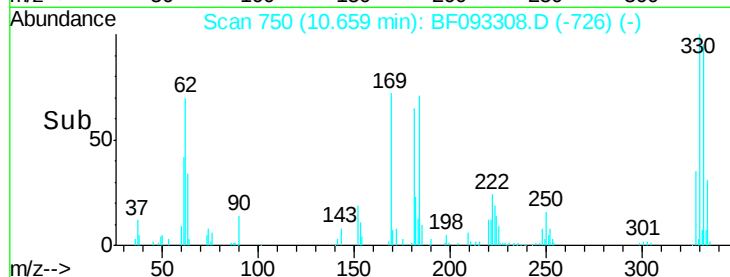
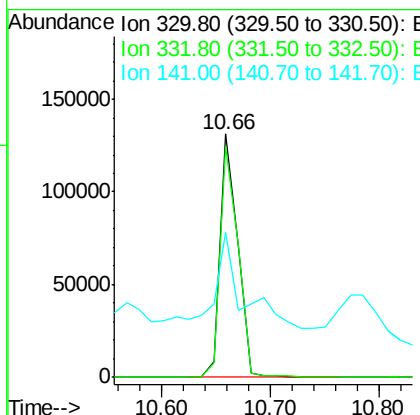
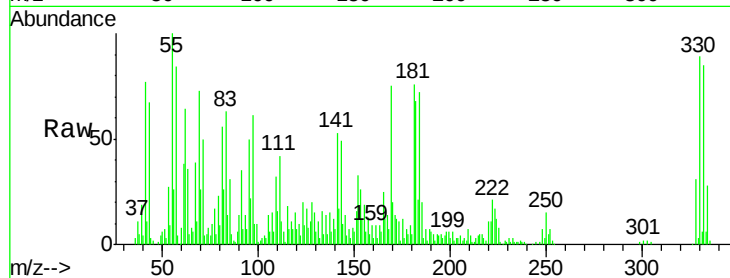




#41
 2,4,6-Tribromophenol
 Concen: 196.32 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

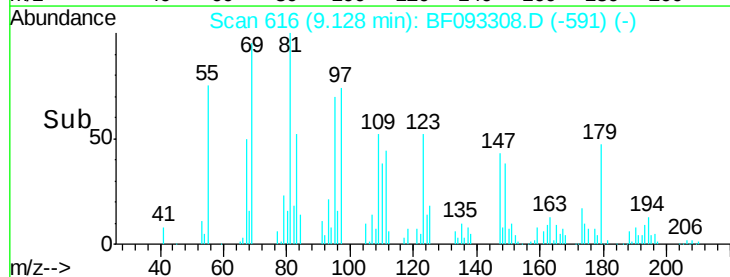
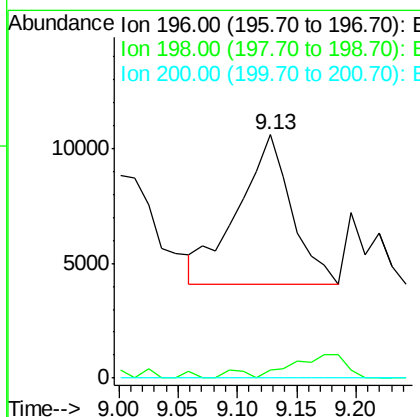
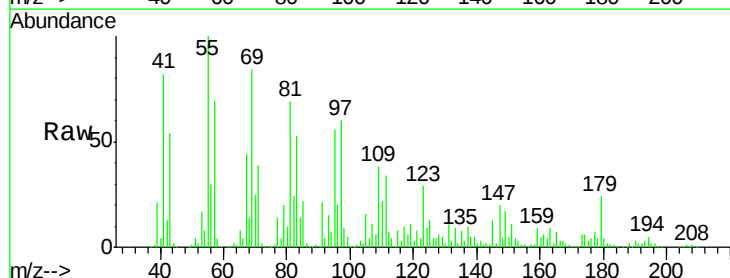
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

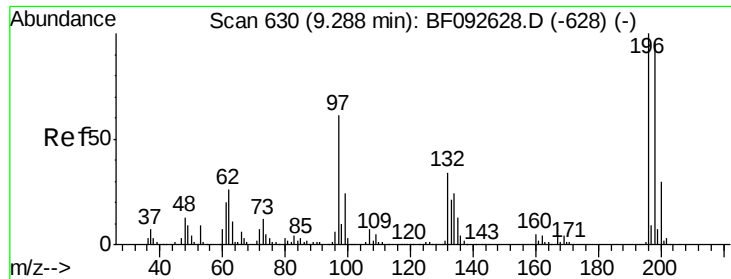
Tgt Ion:330 Resp: 147556
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 60.5 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 10.74 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Tgt Ion:196 Resp: 20581
 Ion Ratio Lower Upper
 196 100
 198 3.4 82.1 123.1#
 200 0.0 27.0 40.4#

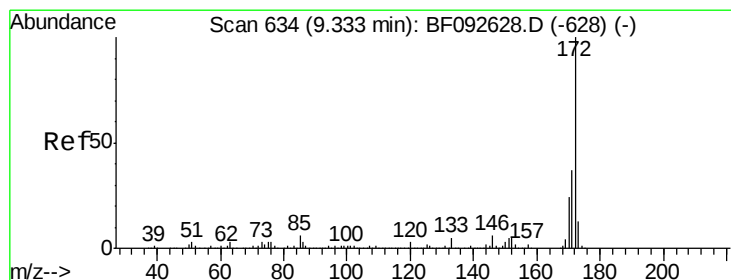
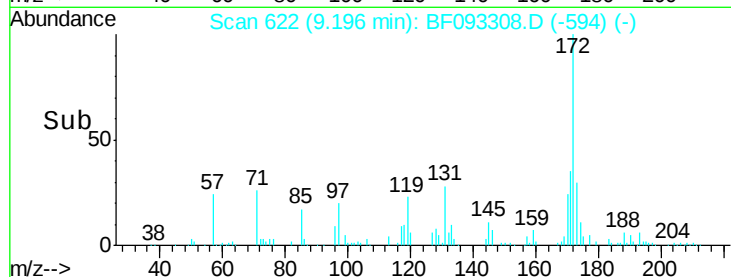
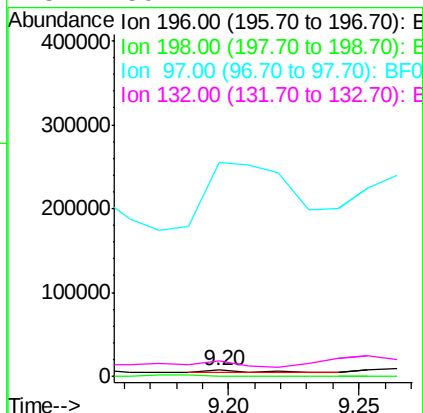
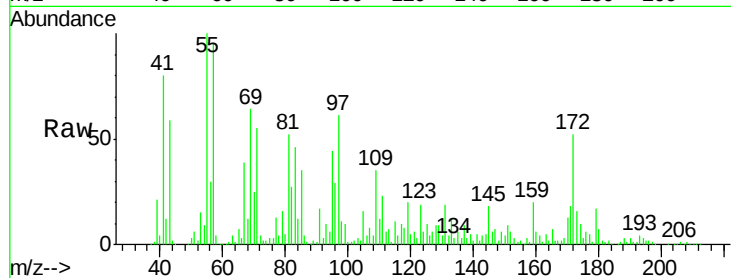




#43
2,4,5-Trichlorophenol
Concen: 2.45 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.02 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

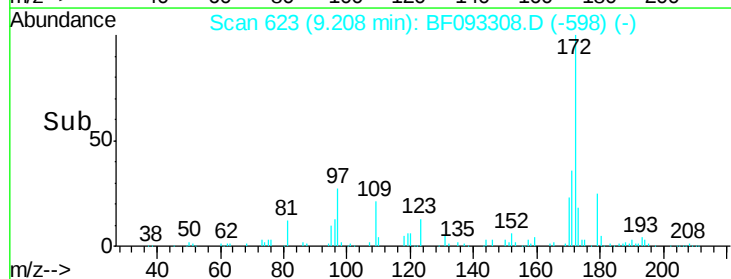
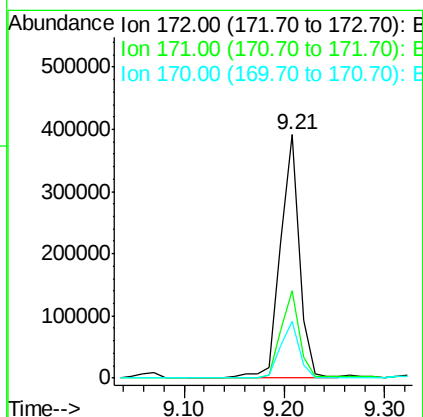
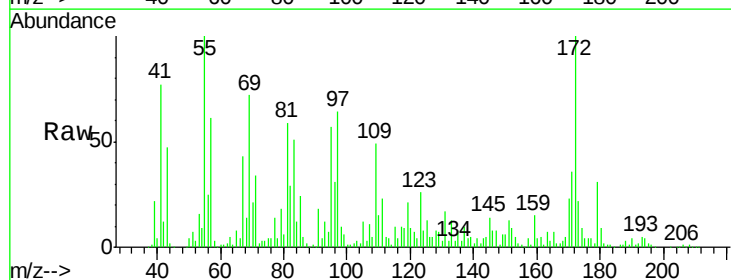
Instrument :
BNA_F
ClientSampleId :
DFTPP

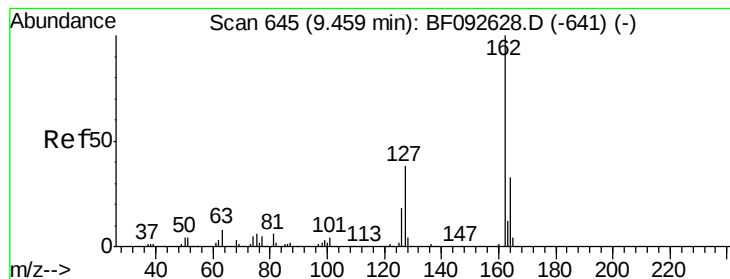
Tgt Ion:196 Resp: 5135
Ion Ratio Lower Upper
196 100
198 4.9 79.4 119.2#
97 3538.7 51.5 77.3#
132 259.4 27.4 41.2#



#44
2-Fluorobiphenyl
Concen: 89.23 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion:172 Resp: 511855
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.4 20.2 30.4





#46

2-Chloronaphthalene

Concen: 4.20 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

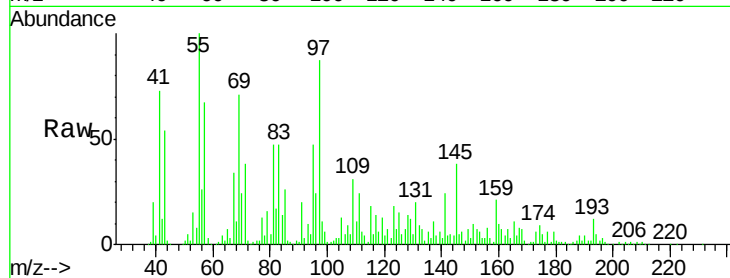
Tgt Ion: 162 Resp: 24696

Ion Ratio Lower Upper

162 100

127 183.0 30.7 46.1#

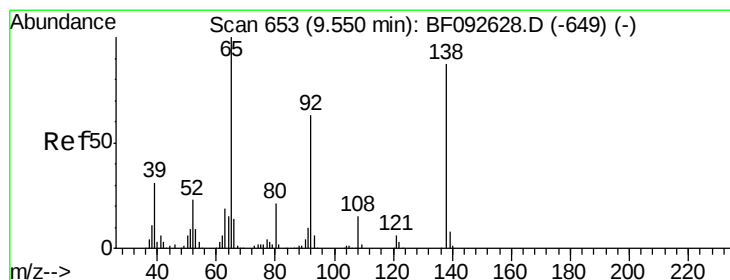
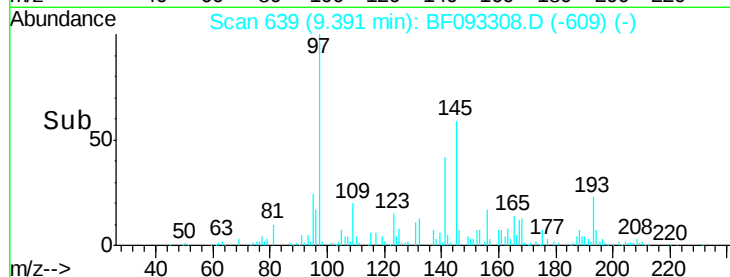
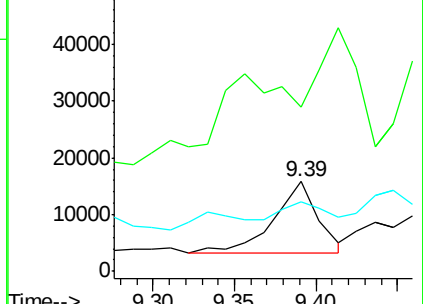
164 77.5 27.6 41.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 7.22 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

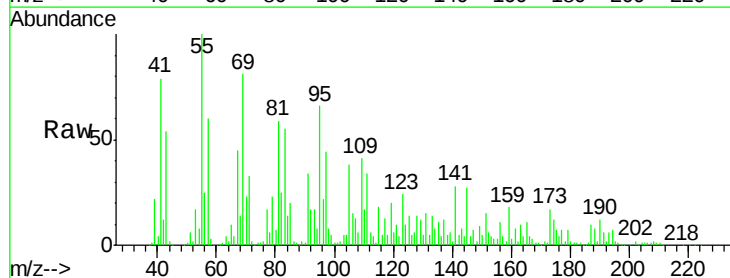
Tgt Ion: 65 Resp: 14295

Ion Ratio Lower Upper

65 100

92 171.3 53.9 80.9#

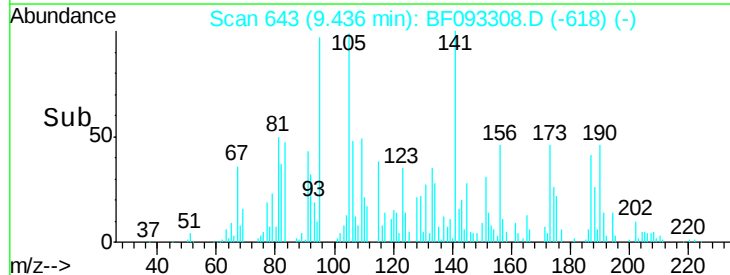
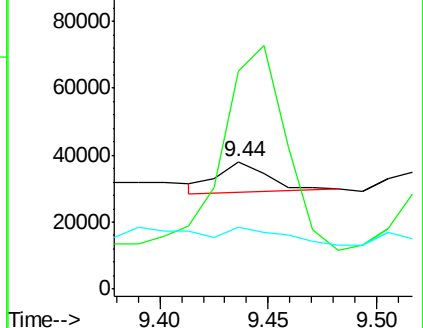
138 48.5 76.8 115.2#

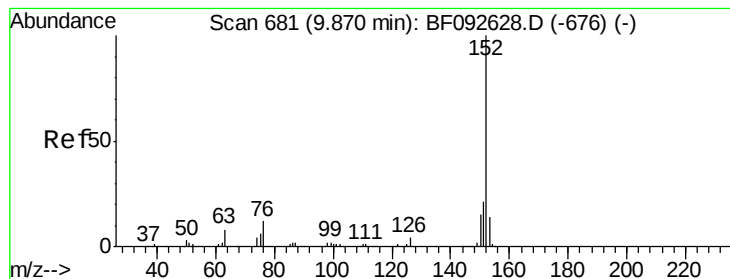


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 6.66 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

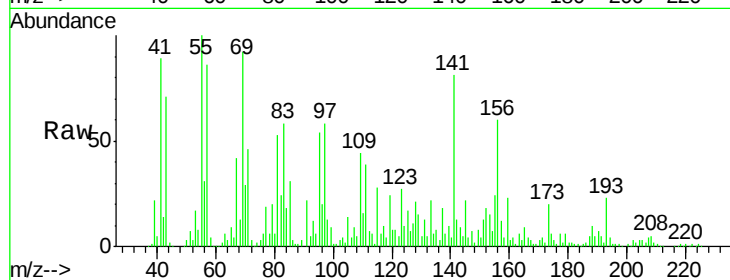
Tgt Ion:152 Resp: 67722

Ion Ratio Lower Upper

152 100

151 71.3 16.9 25.3#

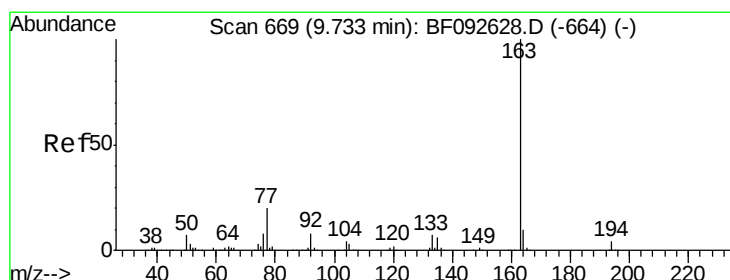
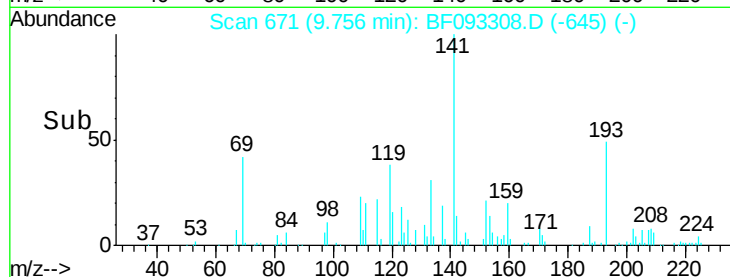
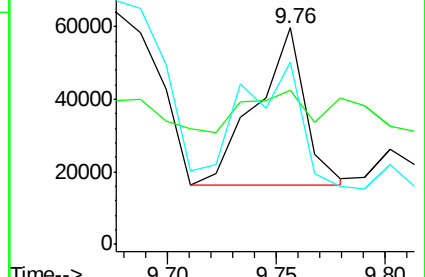
153 83.8 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 8.46 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

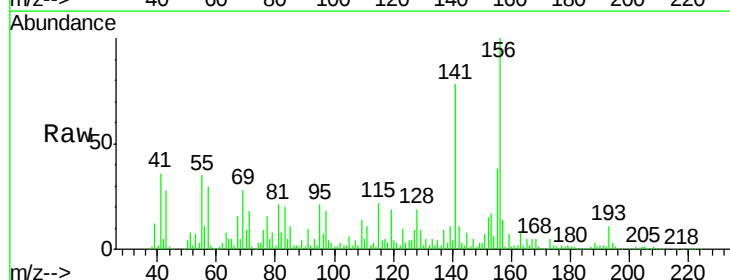
Tgt Ion:163 Resp: 59234

Ion Ratio Lower Upper

163 100

194 37.2 3.0 4.4#

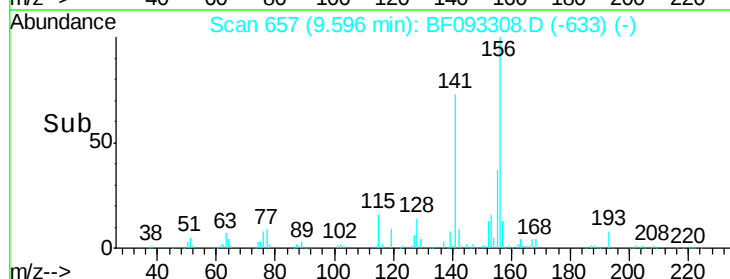
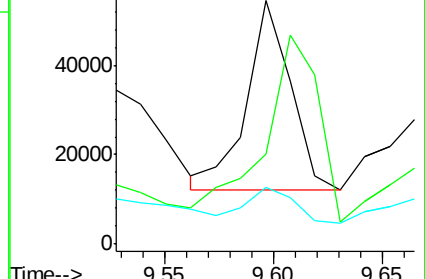
164 23.2 8.0 12.0#

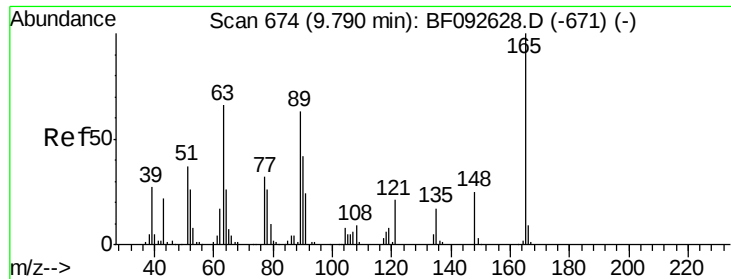


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

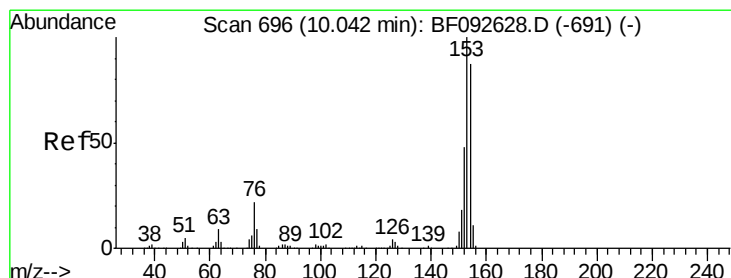
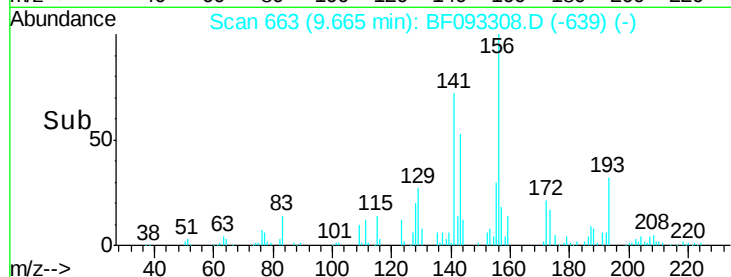
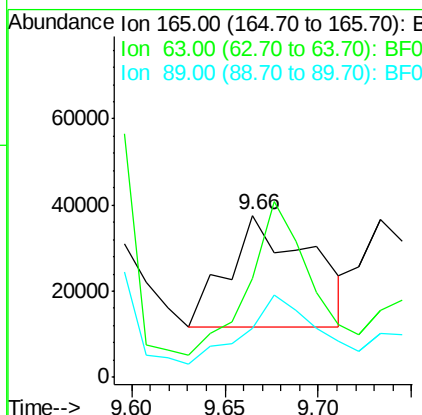
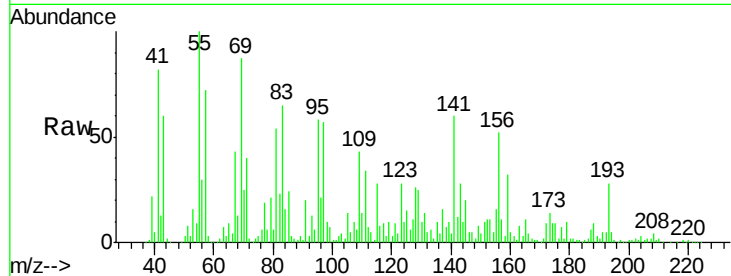




#50
 2,6-Dinitrotoluene
 Concen: 52.05 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.02 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

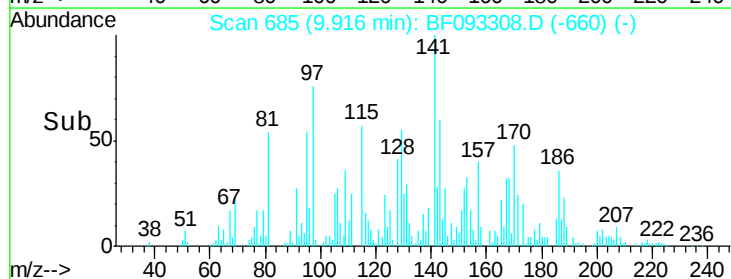
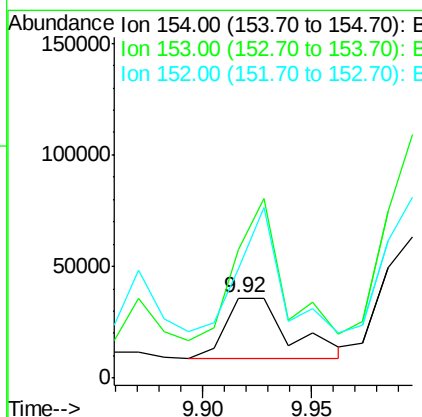
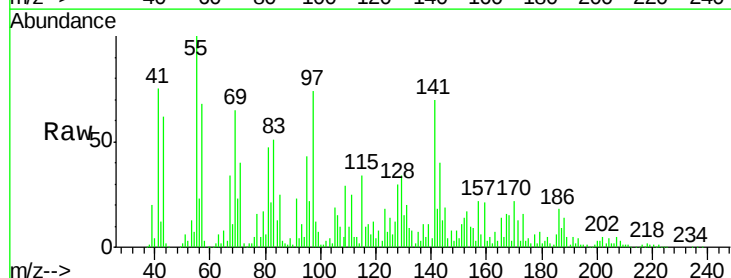
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

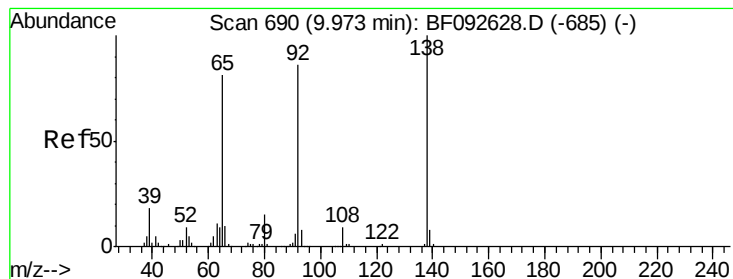
Tgt Ion:165 Resp: 78680
 Ion Ratio Lower Upper
 165 100
 63 60.8 36.2 54.4#
 89 30.6 40.2 60.4#



#51
 Acenaphthene
 Concen: 9.30 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Tgt Ion:154 Resp: 56570
 Ion Ratio Lower Upper
 154 100
 153 159.1 88.6 133.0#
 152 136.7 41.6 62.4#





#52

3-Nitroaniline

Concen: 18.75 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

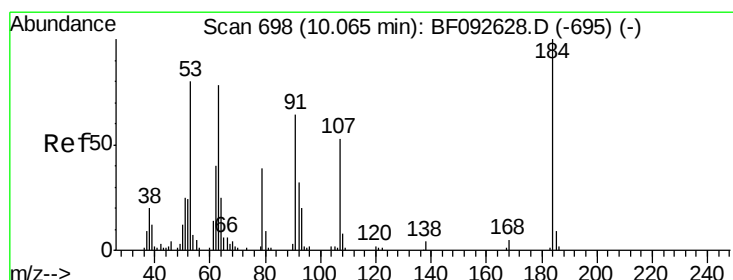
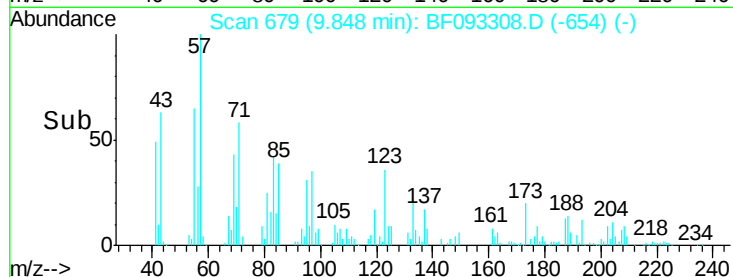
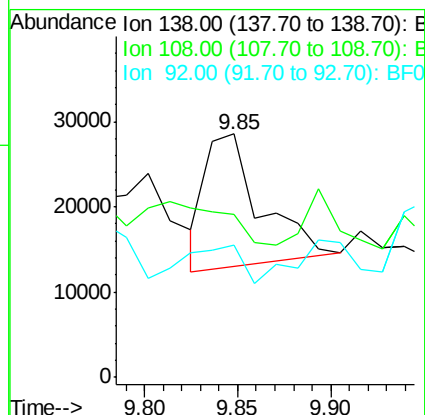
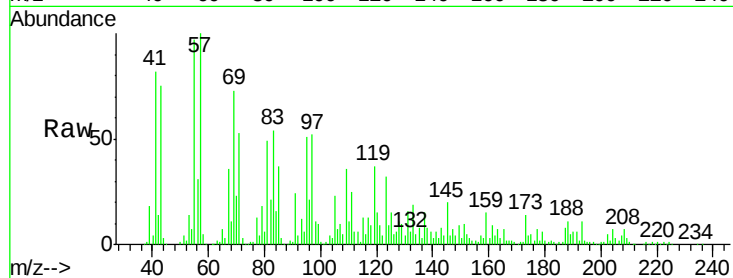
Tgt Ion:138 Resp: 32434

Ion Ratio Lower Upper

138 100

108 67.2 8.5 12.7#

92 54.2 97.8 146.8#



#53

2,4-Dinitrophenol

Concen: 8.59 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

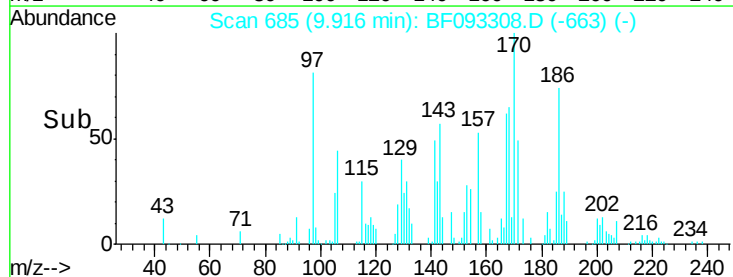
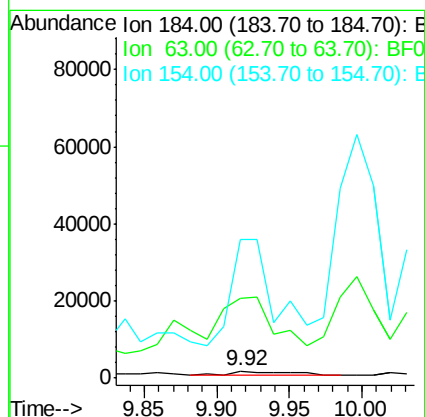
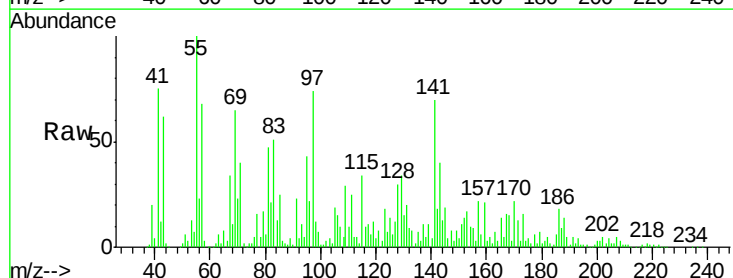
Tgt Ion:184 Resp: 3153

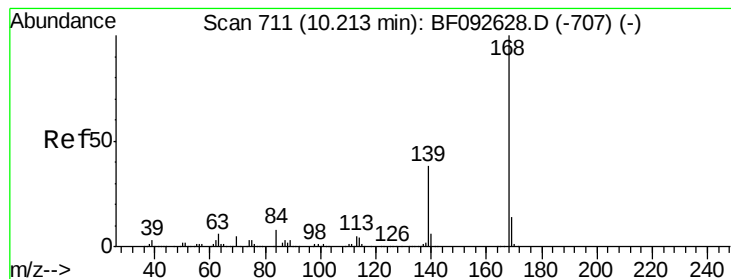
Ion Ratio Lower Upper

184 100

63 1165.4 28.4 42.6#

154 2023.4 44.3 66.5#





#54

Dibenzenofuran

Concen: 20.04 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

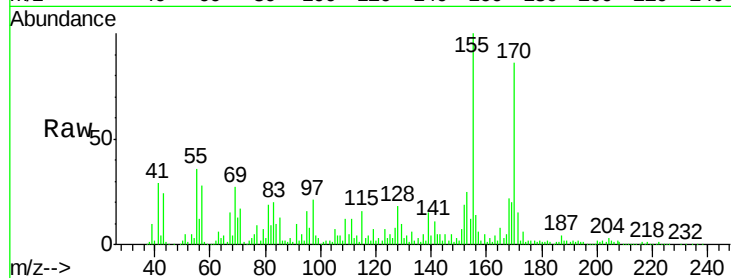
Tgt Ion:168 Resp: 162941

Ion Ratio Lower Upper

168 100

139 66.9 32.6 49.0#

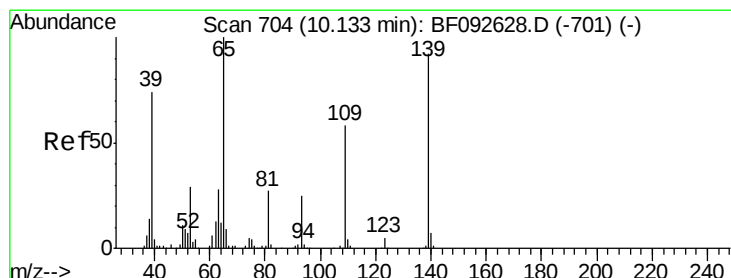
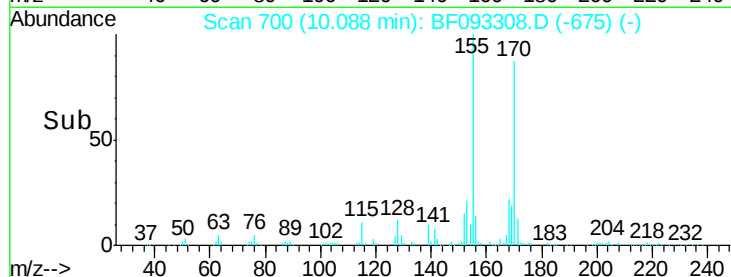
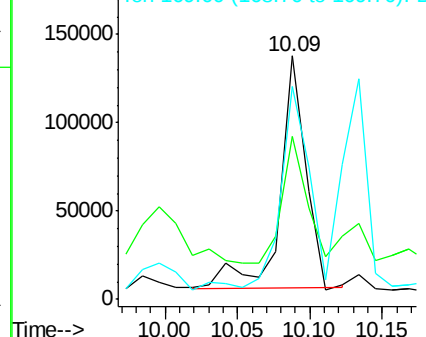
169 87.4 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 68.81 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

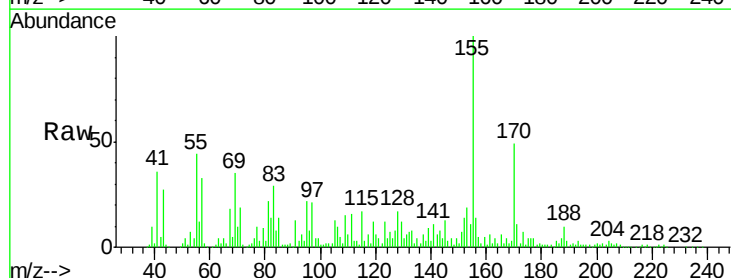
Tgt Ion:139 Resp: 85737

Ion Ratio Lower Upper

139 100

109 161.8 52.2 92.2#

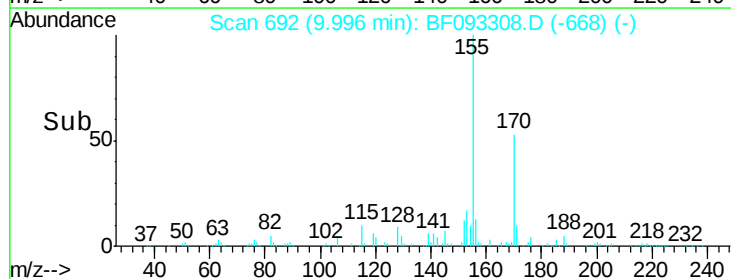
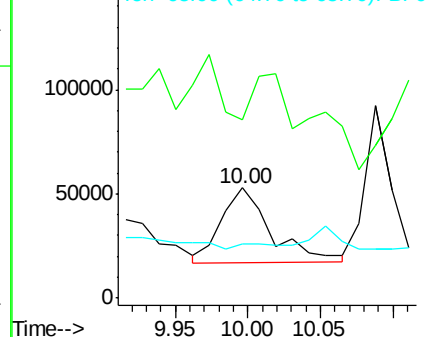
65 48.8 85.8 125.8#

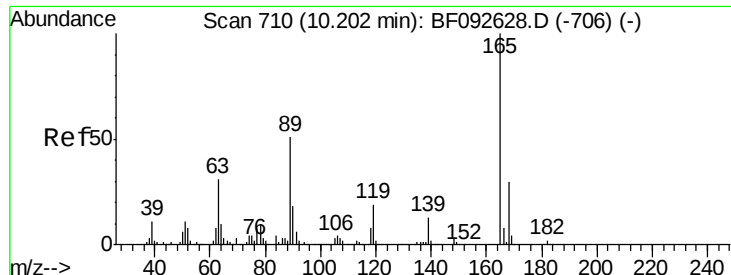


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

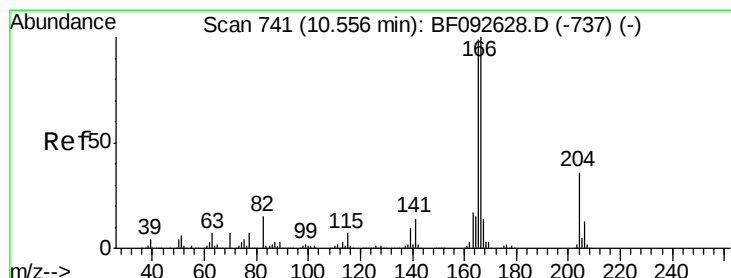
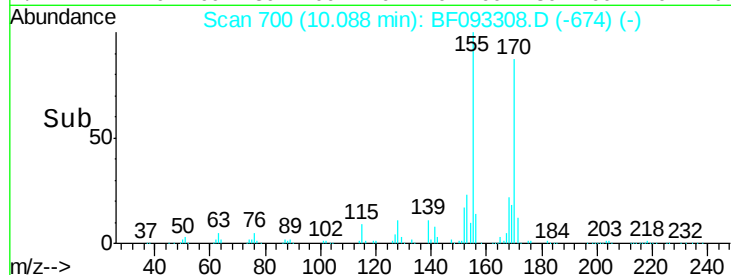
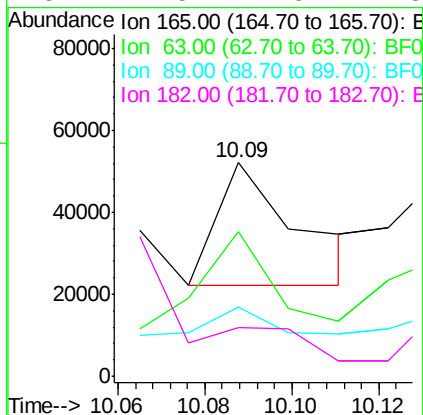
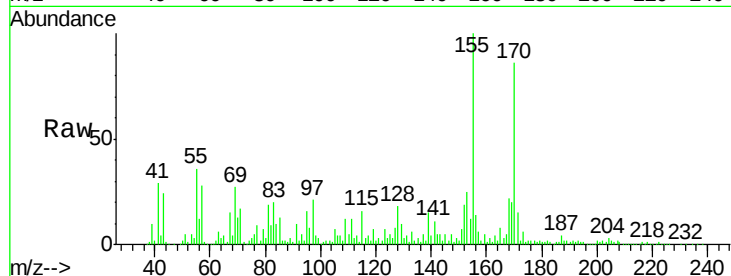




#56
 2,4-Dinitrotoluene
 Concen: 19.17 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

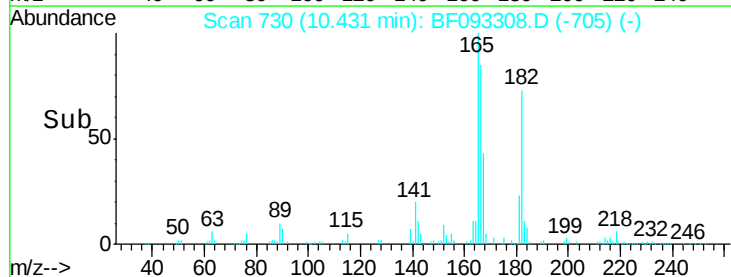
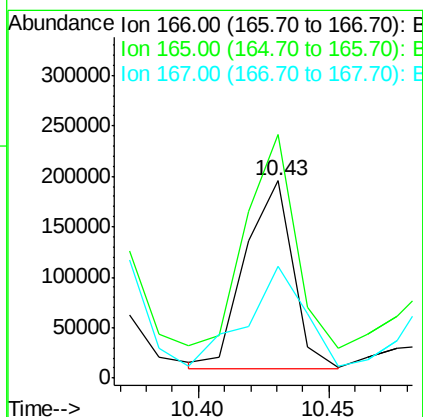
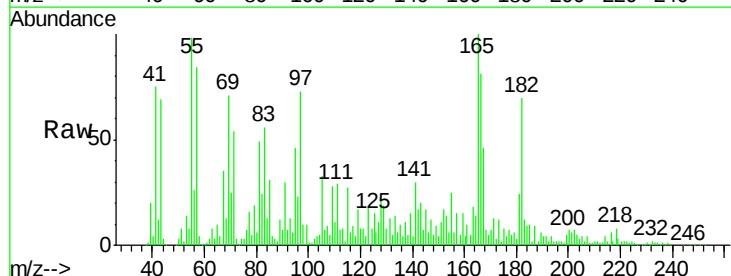
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

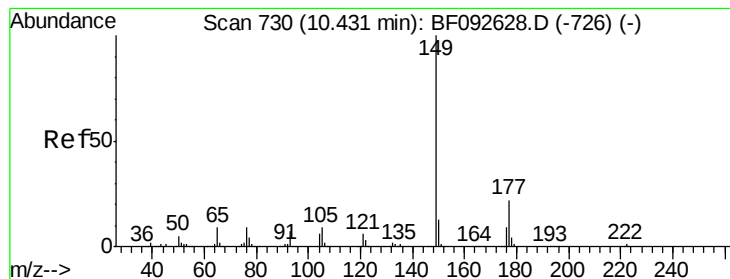
Tgt Ion:	165	Resp:	38579
Ion	Ratio	Lower	Upper
165	100		
63	67.7	40.2	60.4#
89	32.6	62.5	93.7#
182	22.5	1.8	2.8#



#57
 Fluorene
 Concen: 37.81 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Tgt Ion:	166	Resp:	236566
Ion	Ratio	Lower	Upper
166	100		
165	123.6	77.8	116.8#
167	56.7	10.8	16.2#





#59

Diethylphthalate

Concen: 3.95 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampled :

DFTPP

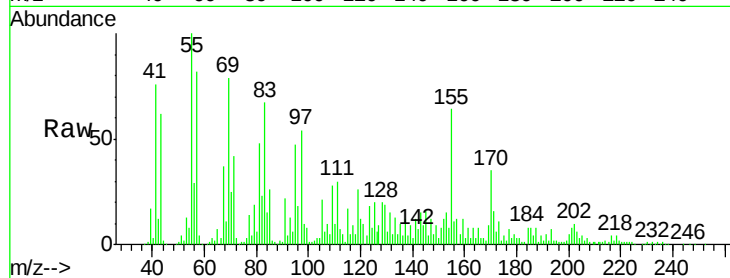
Tgt Ion:149 Resp: 26064

Ion Ratio Lower Upper

149 100

177 72.4 16.6 25.0#

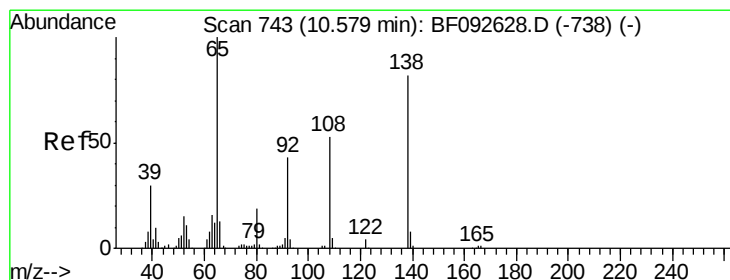
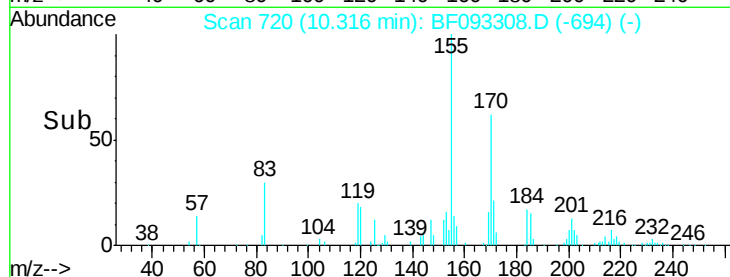
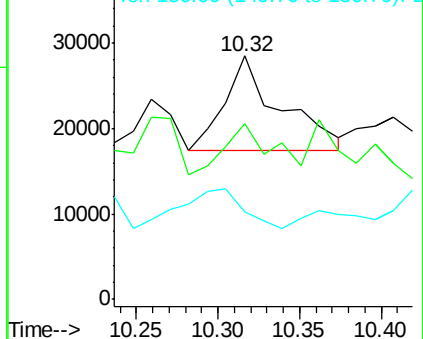
150 35.9 10.4 15.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Nitroaniline

Concen: 12.93 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.14 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

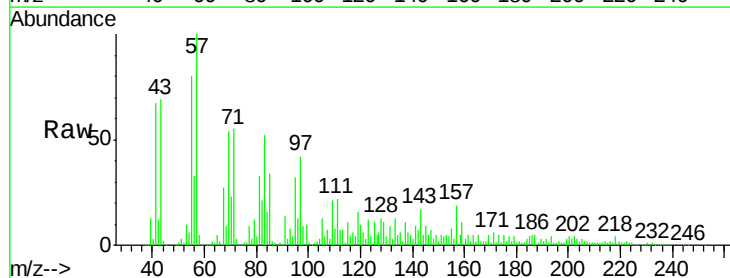
Tgt Ion:138 Resp: 22918

Ion Ratio Lower Upper

138 100

92 46.3 31.7 71.7

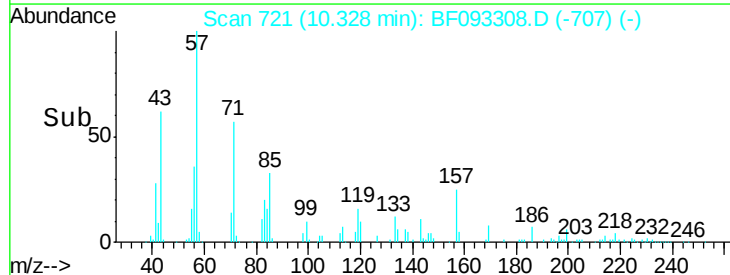
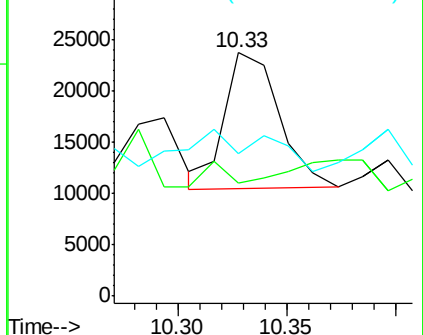
108 58.3 52.6 92.6

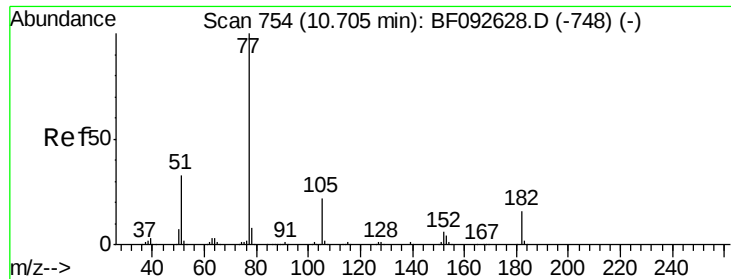


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 4.49 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

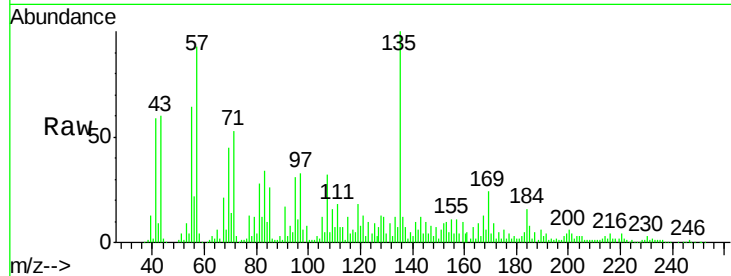
ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 30620

Ion Ratio Lower Upper

77	100		
182	23.5	0.0	39.3
105	96.4	2.3	42.3#
51	27.8	8.9	48.9

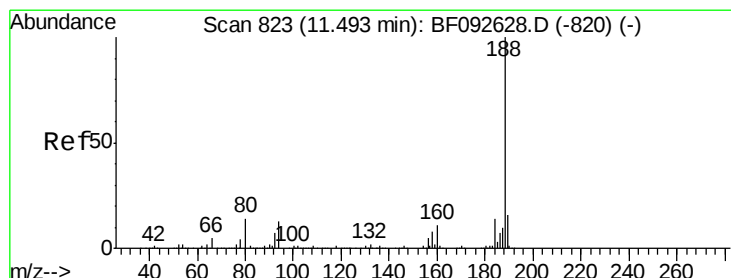
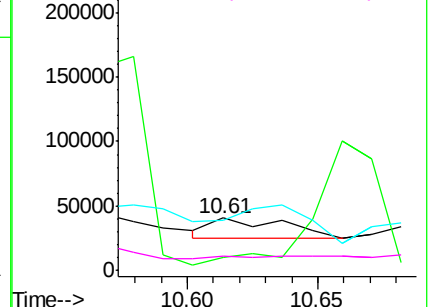
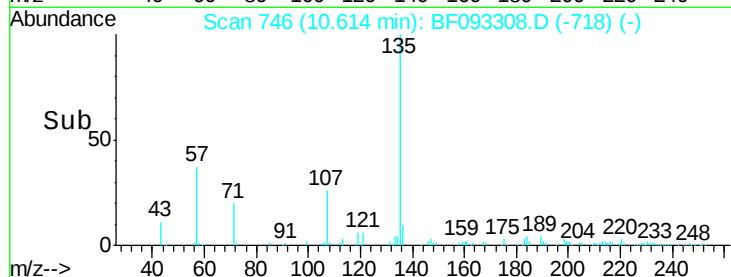


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 810

Delta R.T. -0.03 min

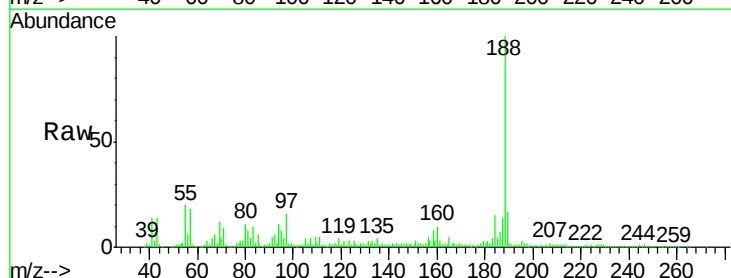
Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Tgt Ion: 188 Resp: 324749

Ion Ratio Lower Upper

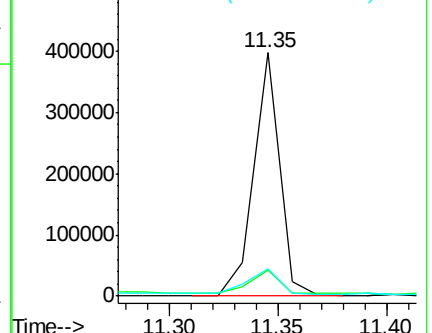
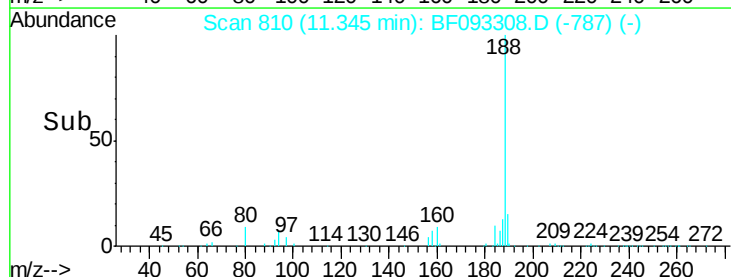
188	100		
94	10.7	10.0	15.0
80	11.1	11.2	16.8#

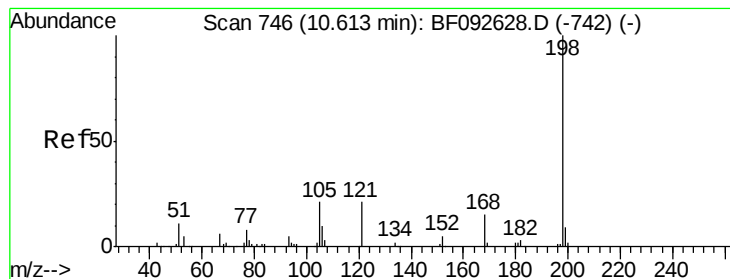


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 5.70 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

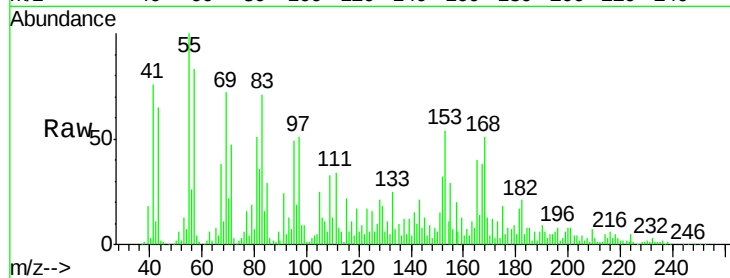
Tgt Ion:198 Resp: 6335

Ion Ratio Lower Upper

198 100

51 215.7 6.7 46.7#

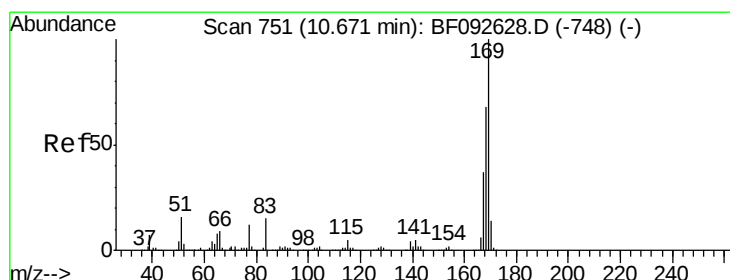
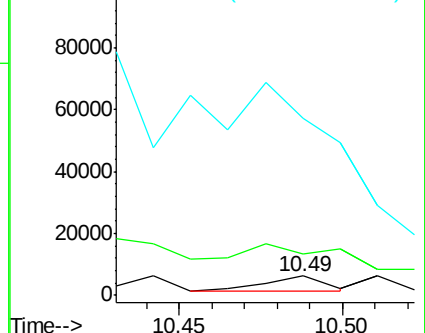
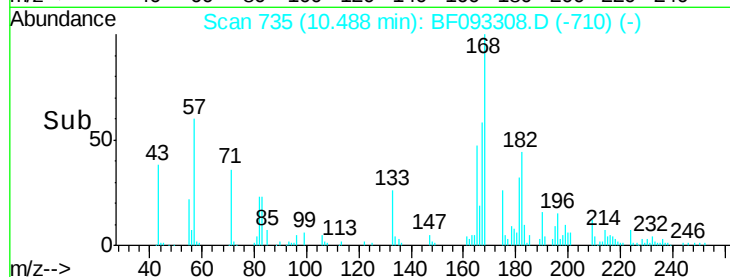
105 917.1 16.6 56.6#



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



#65

n-Nitrosodiphenylamine

Concen: 35.53 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

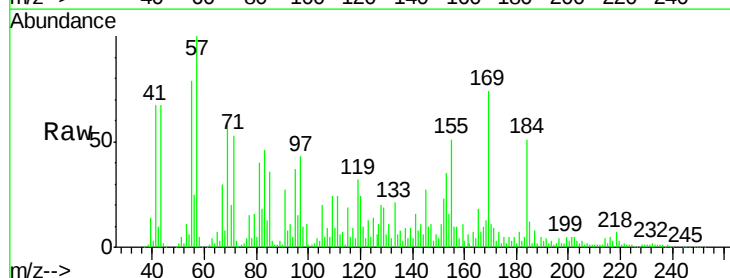
Tgt Ion:169 Resp: 368586

Ion Ratio Lower Upper

169 100

168 17.3 54.2 81.2#

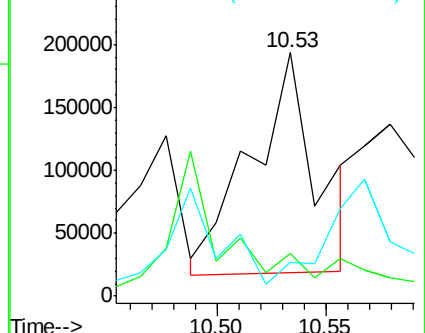
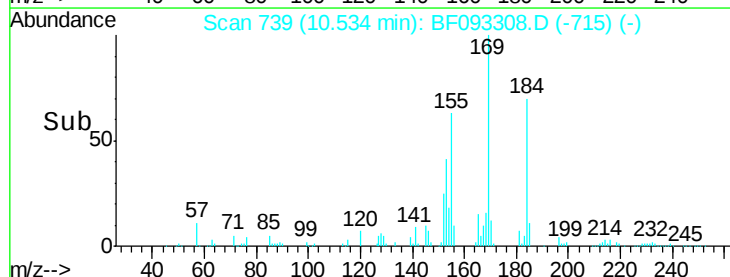
167 13.6 30.2 45.4#

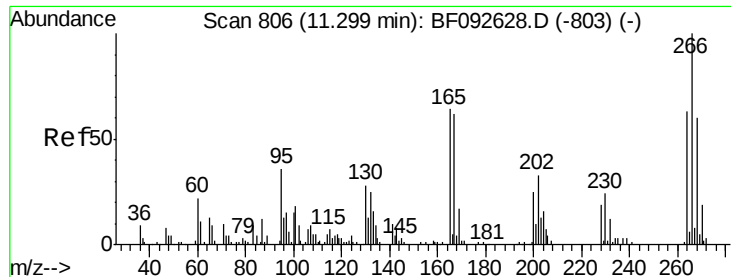


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

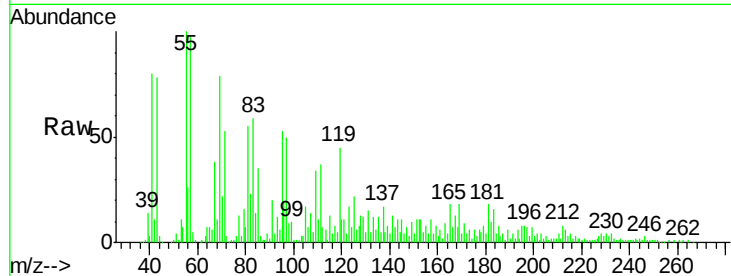




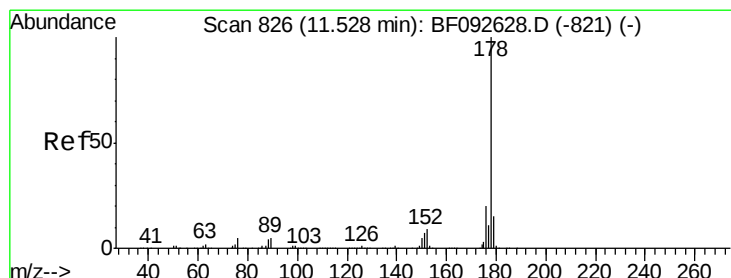
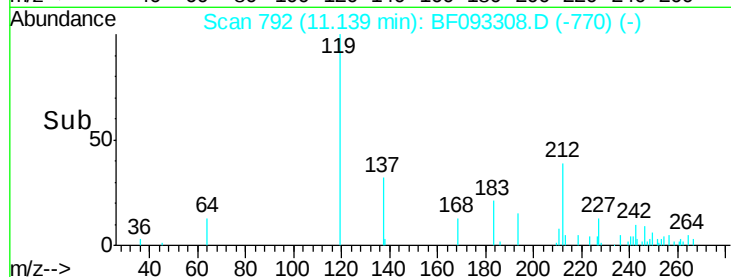
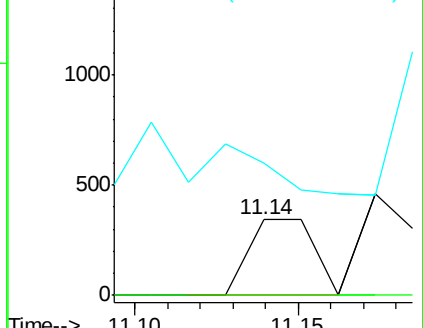
#69
 Pentachlorophenol
 Concen: 7.45 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion:266 Resp: 469
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.3 79.9#
 264 176.0 50.3 75.5#

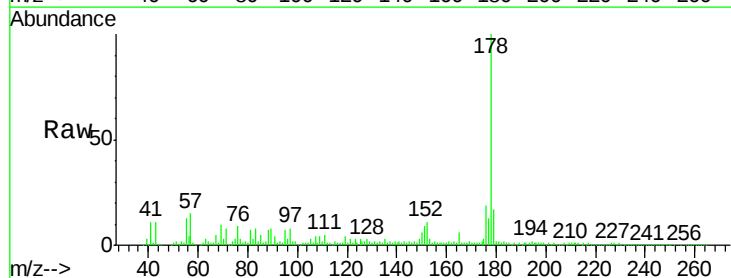


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

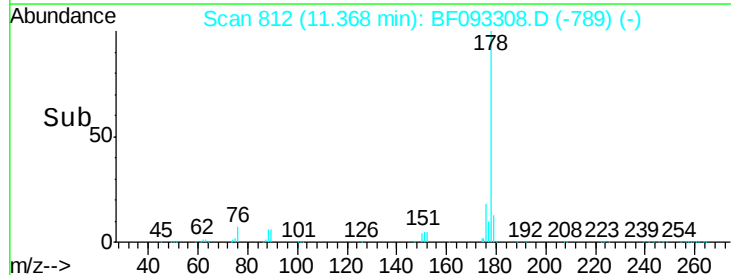
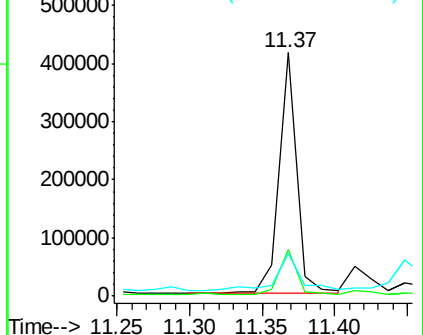


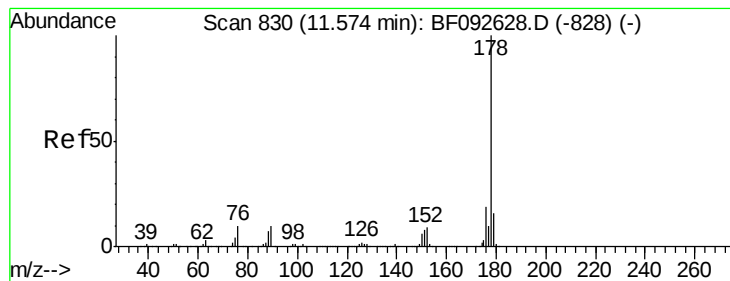
#70
 Phenanthrene
 Concen: 18.87 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Tgt Ion:178 Resp: 351174
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 17.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 18.80 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.09 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampled :

DFTPP

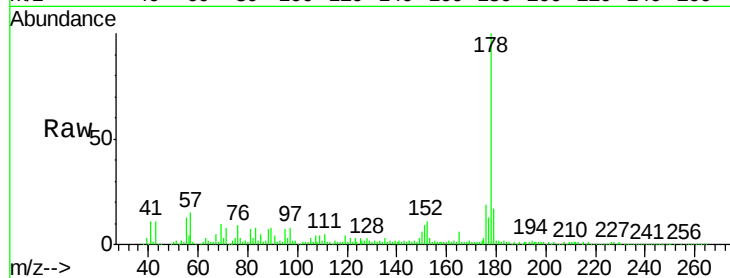
Tgt Ion:178 Resp: 351174

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

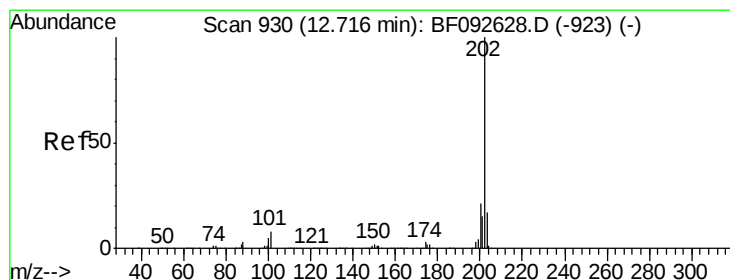
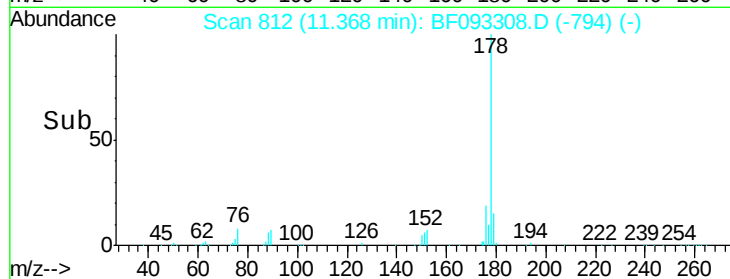
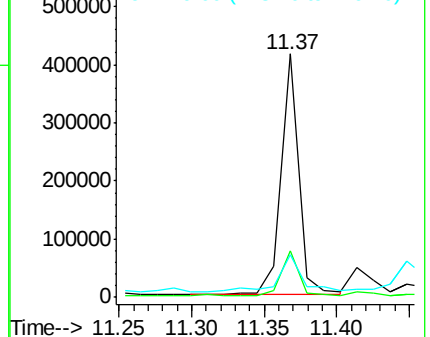
179 17.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 8.48 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

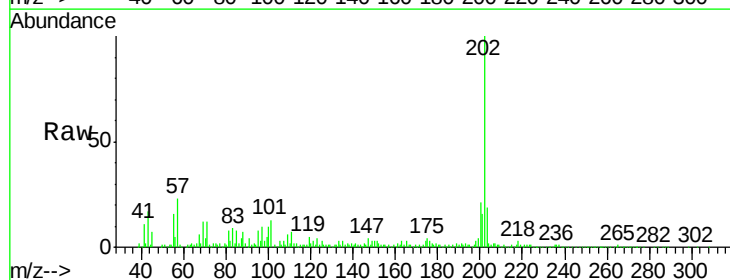
Tgt Ion:202 Resp: 162818

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.6

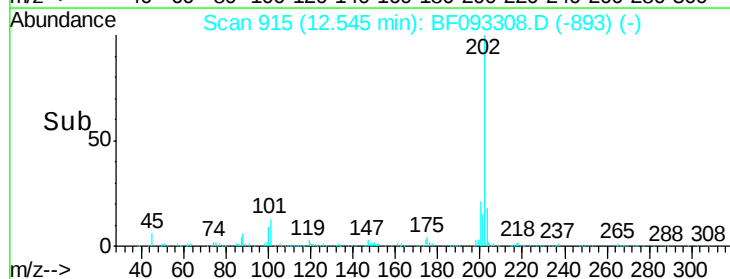
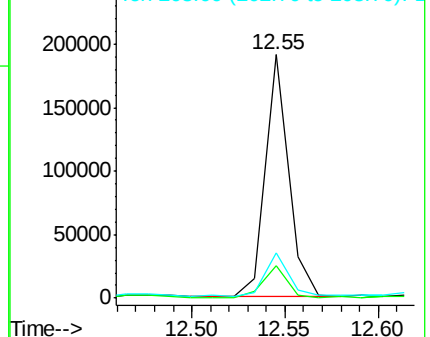
203 18.6 0.0 38.7

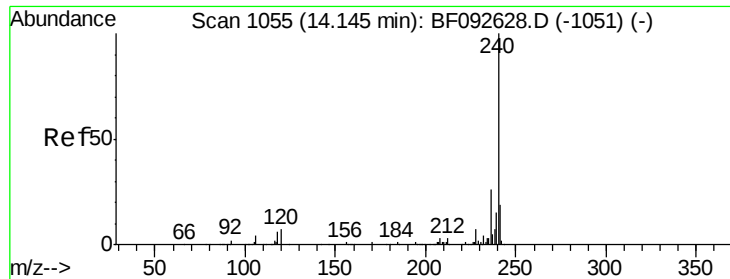


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

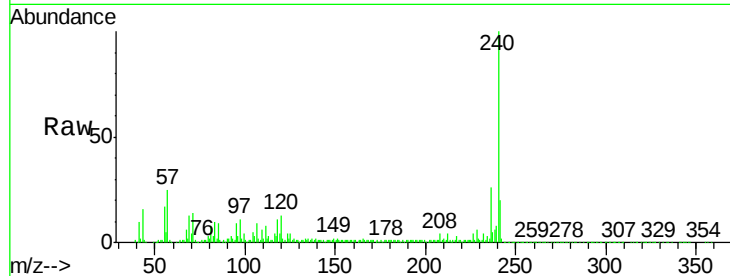
Tgt Ion:240 Resp: 269794

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

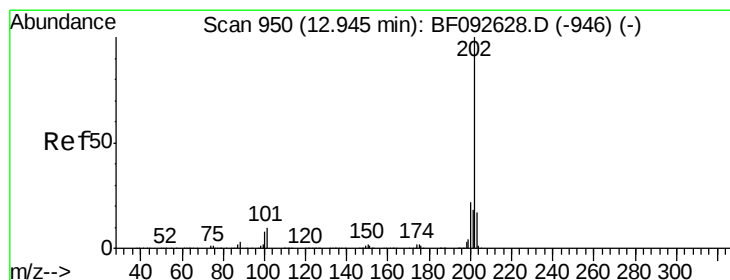
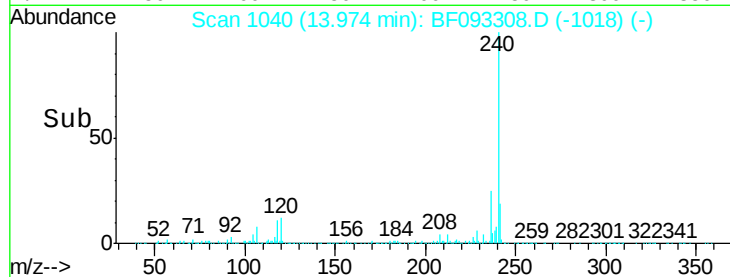
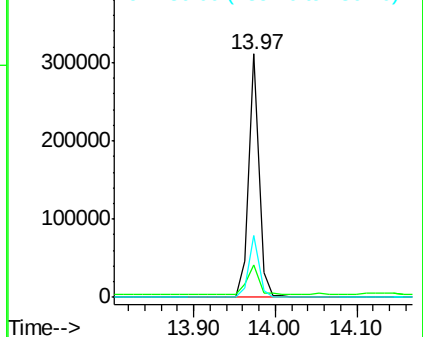
236 25.7 20.9 31.3



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



#77

Pyrene

Concen: 7.95 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

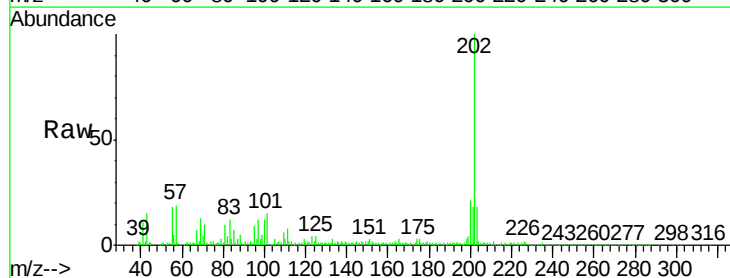
Tgt Ion:202 Resp: 160602

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

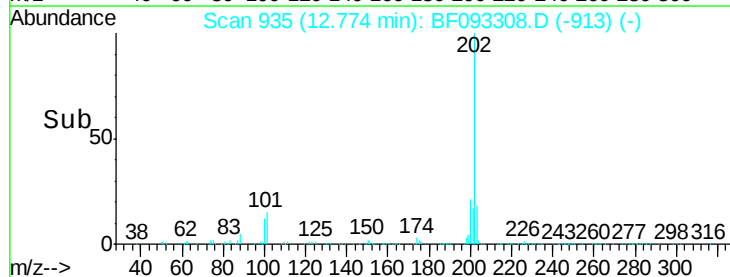
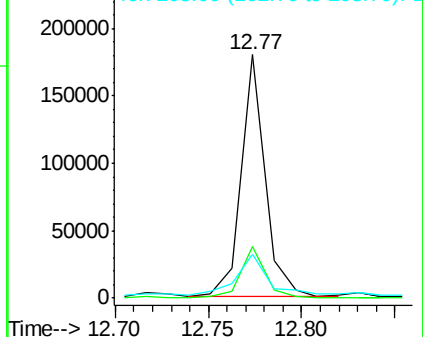
203 18.3 14.7 22.1

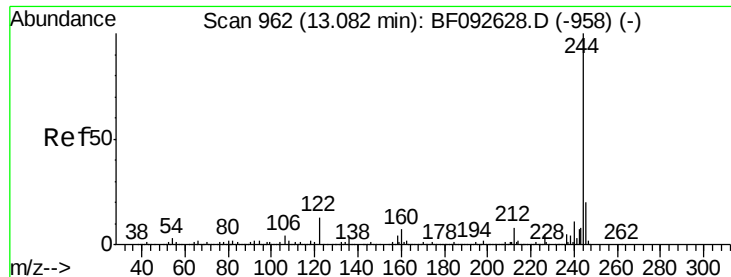


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.01 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:244 Resp: 746428

Ion Ratio Lower Upper

244 100

212 6.3

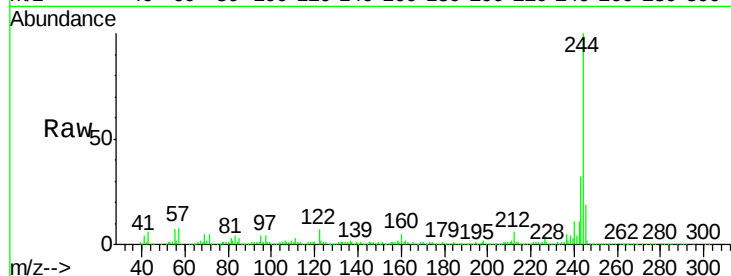
6.2

9.2

122 6.8

11.4

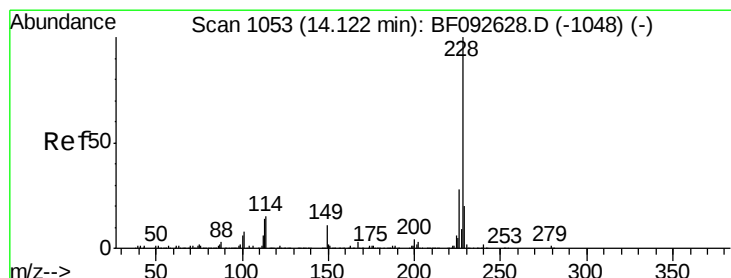
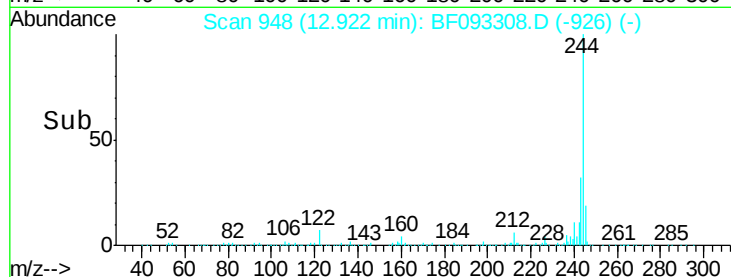
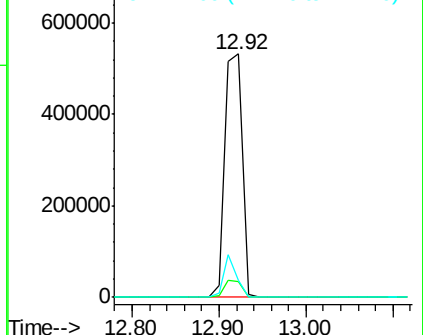
17.2#



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



#80

Benzo(a)anthracene

Concen: 5.48 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Tgt Ion:228 Resp: 90496

Ion Ratio Lower Upper

228 100

226 29.7

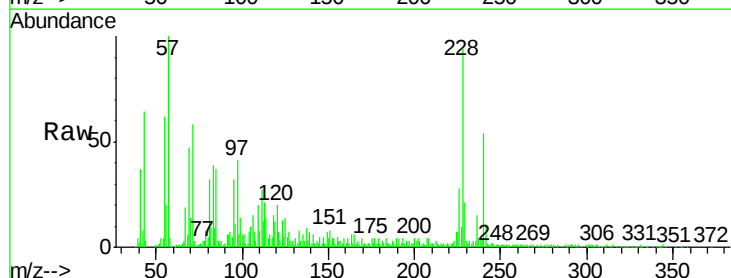
22.4

33.6

229 21.7

16.2

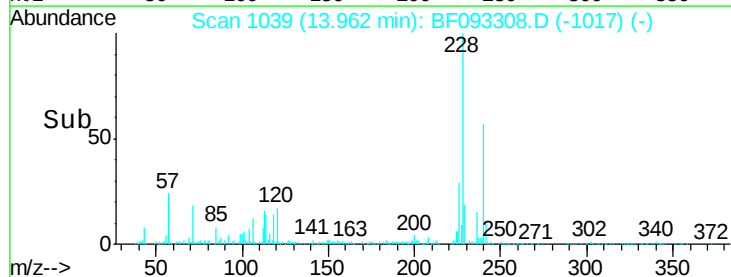
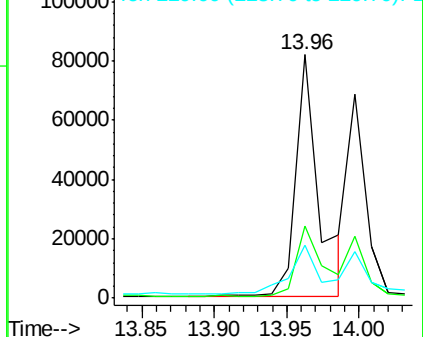
24.4

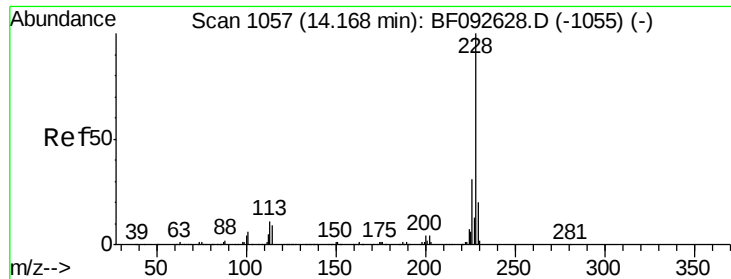


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.87 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

Instrument :

BNA_F

ClientSampleId :

DFTPP

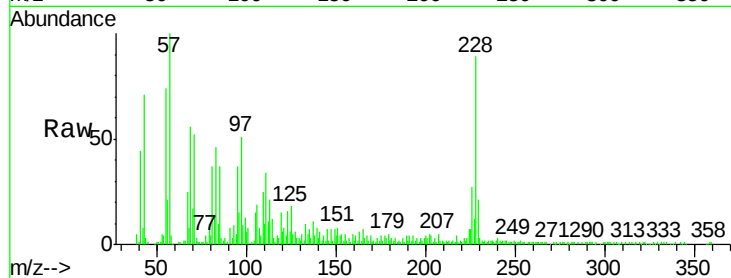
Tgt Ion:228 Resp: 59753

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.0

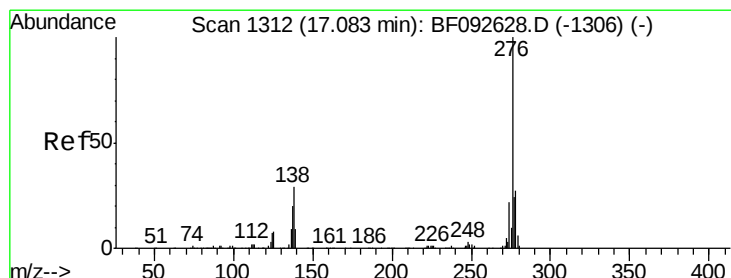
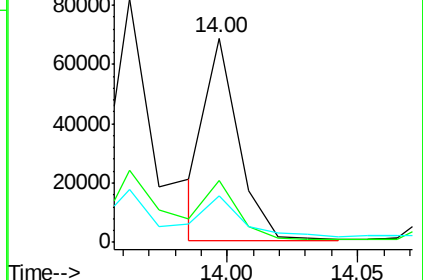
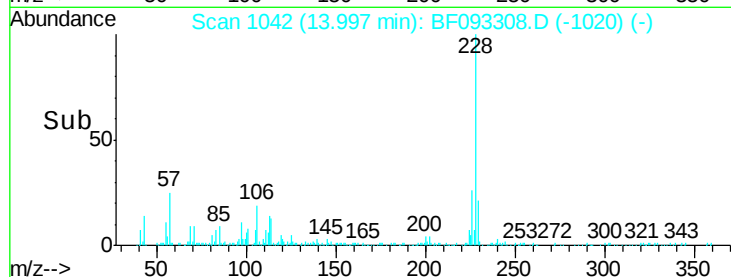
229 22.9 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.71 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF093308.D

Acq: 2 Mar 2017 00:00

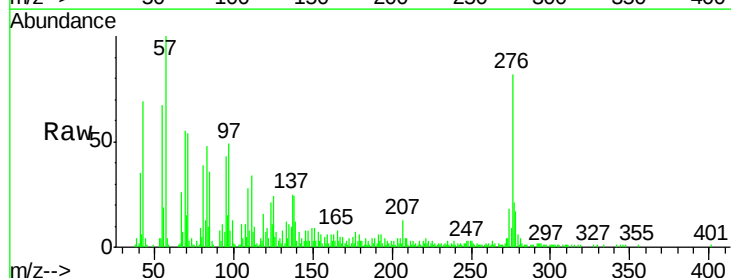
Tgt Ion:276 Resp: 68325

Ion Ratio Lower Upper

276 100

138 38.3 21.8 32.6#

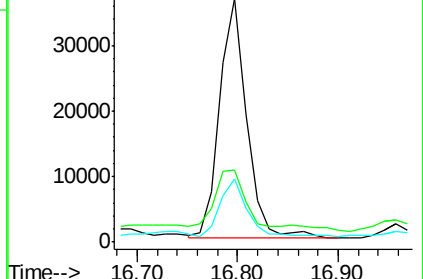
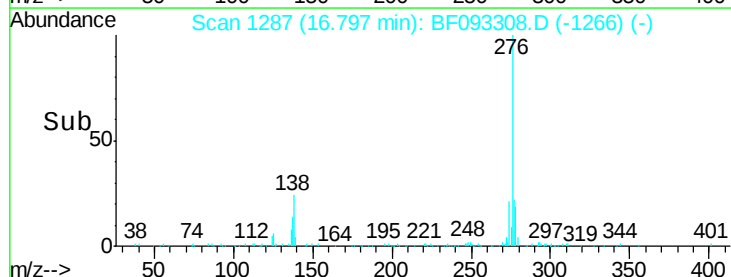
277 24.5 20.2 30.4

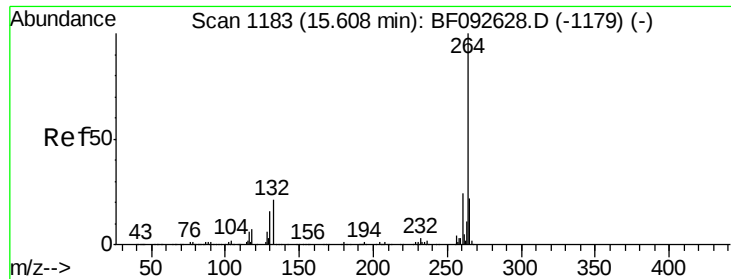


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



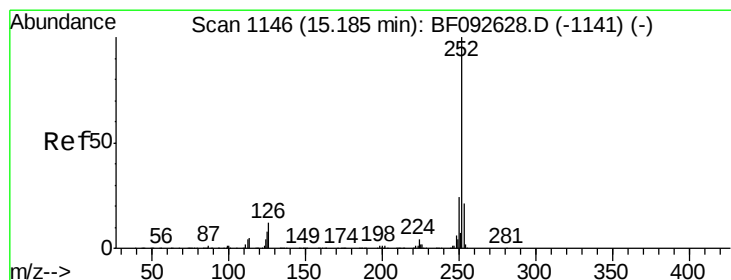
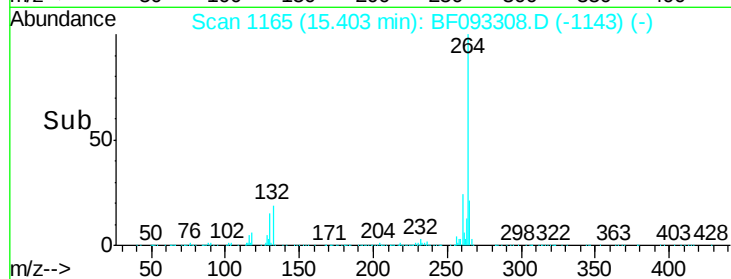
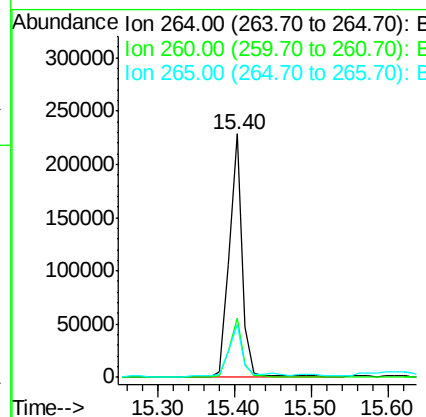
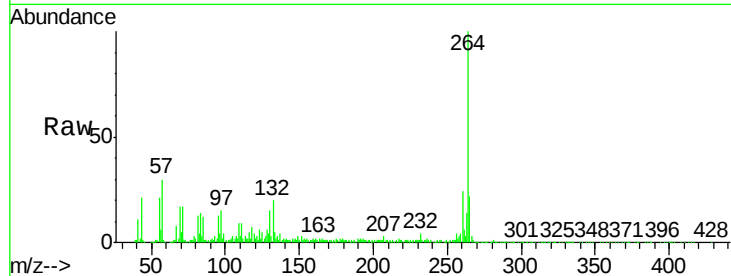


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 270819

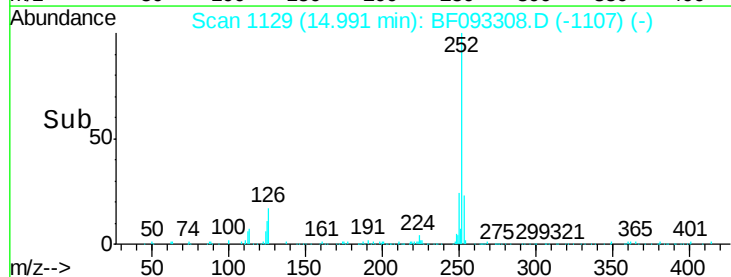
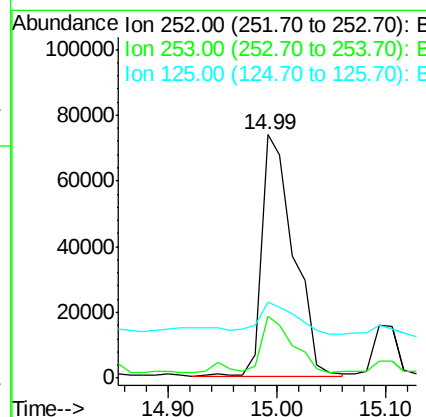
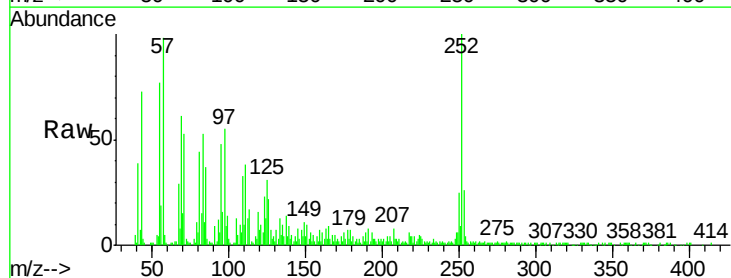
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.4	26.0

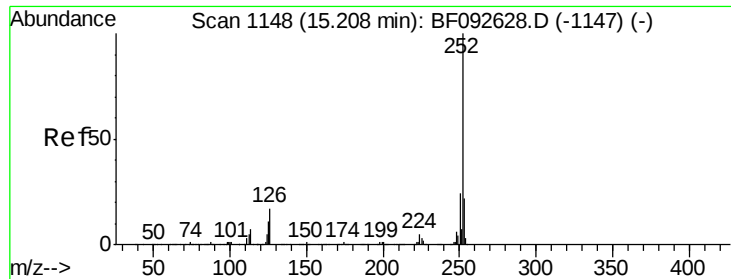


#87
Benzo(b)fluoranthene
Concen: 8.42 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion: 252 Resp: 150034

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.4
125	31.4	9.8	14.6#

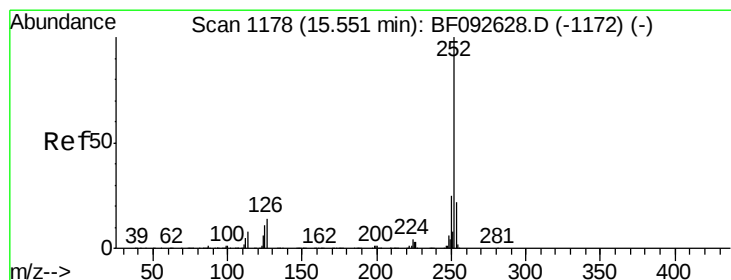
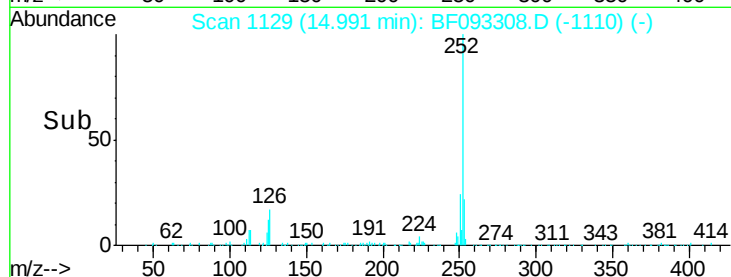
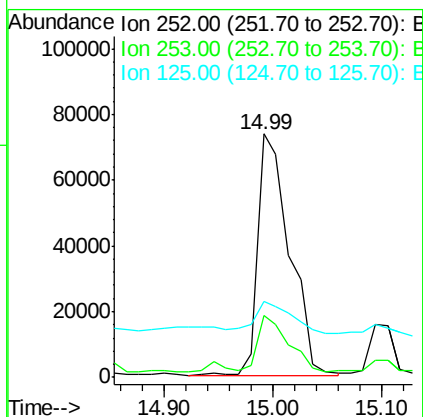
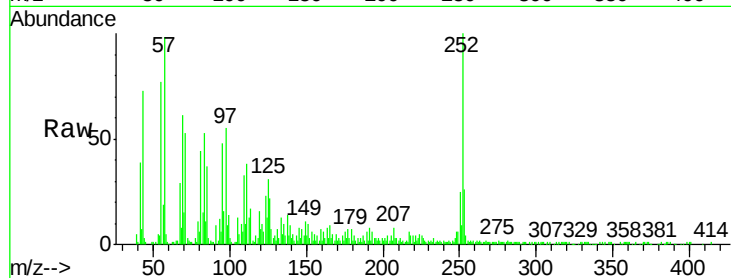




#88
Benzo(k)fluoranthene
Concen: 9.75 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

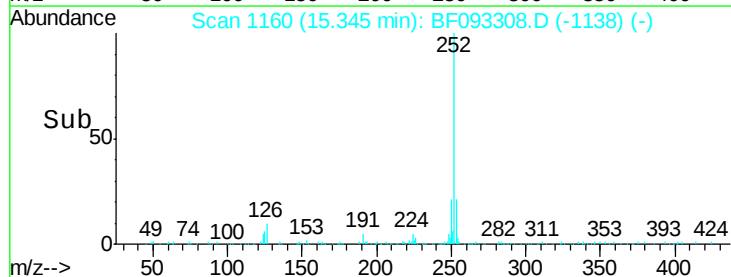
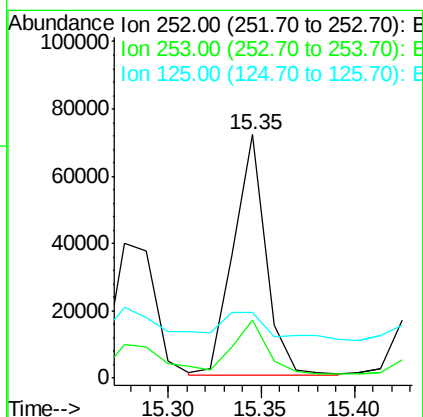
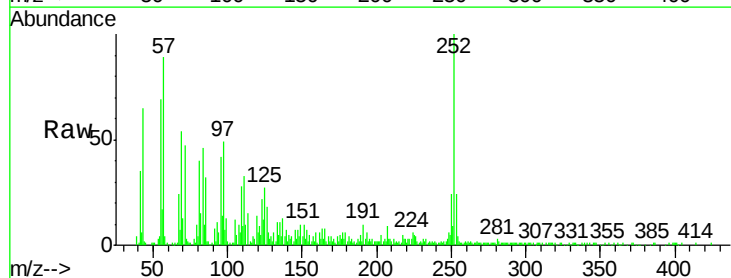
Instrument :
BNA_F
ClientSampleId :
DFTPP

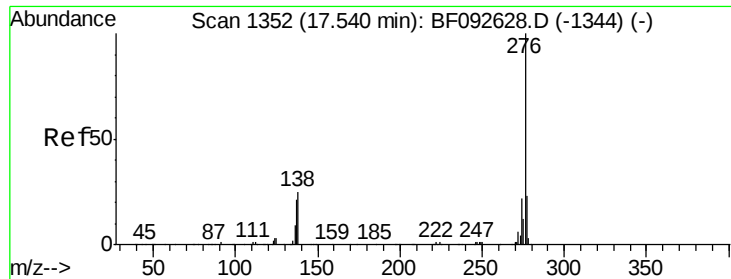
Tgt Ion:252 Resp: 150034
Ion Ratio Lower Upper
252 100
253 25.7 18.5 27.7
125 31.4 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 5.65 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093308.D
Acq: 2 Mar 2017 00:00

Tgt Ion:252 Resp: 87177
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.2
125 26.9 10.0 15.0#





#91
 Benzo(g,h,i)perylene
 Concen: 5.30 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.07 min
 Lab File: BF093308.D
 Acq: 2 Mar 2017 00:00

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.2	28.8
138	31.2	16.0	24.0

