

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062916\
 Data File : BF088508.D
 Acq On : 29 Jun 2016 22:59
 Operator : UM/SJ
 Sample : PB91573BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Quant Time: Jun 30 02:16:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	159793	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	671186	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	310745	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	540964	20.00	ng	0.00
75) Chrysene-d12	13.97	240	290091	20.00	ng	0.00
86) Perylene-d12	15.36	264	316367	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1120413	108.58	ng	0.01
7) Phenol-d6	6.46	99	1534906	116.33	ng	0.00
23) Nitrobenzene-d5	7.39	82	1081216	84.61	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	305981	128.43	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1541556	77.57	ng	0.00
78) Terphenyl-d14	12.91	244	1155189	80.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	176665	33.53	ng	# 25
3) Pyridine	3.20	79	525383	34.25	ng	100
4) n-Nitrosodimethylamine	3.15	42	251401	41.65	ng	99
6) Aniline	6.49	93	453976	23.56	ng	95
8) 2-Chlorophenol	6.60	128	443082	39.12	ng	94
9) Benzaldehyde	6.36	77	7498	1.42	ng	92
10) Phenol	6.47	94	487851	33.08	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	448126	37.50	ng	98
12) 1,3-Dichlorobenzene	6.76	146	483939	40.54	ng	99
13) 1,4-Dichlorobenzene	6.84	146	491943	40.43	ng	99
14) 1,2-Dichlorobenzene	6.99	146	434523	42.93	ng	99
15) Benzyl Alcohol	6.97	79	430623	39.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	675336	38.89	ng	99
17) 2-Methylphenol	7.08	107	428842	44.50	ng	97
18) Hexachloroethane	7.34	117	182009	38.84	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	349634	38.93	ng	100
20) 3+4-Methylphenols	7.23	107	439730	41.31	ng	99
22) Acetophenone	7.23	105	649402	40.19	ng	# 99
24) Nitrobenzene	7.40	77	496503	36.22	ng	98
25) Isophorone	7.64	82	1002583	38.83	ng	94
26) 2-Nitrophenol	7.72	139	223282	50.05	ng	99
27) 2,4-Dimethylphenol	7.77	122	471037	40.63	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	612435	38.48	ng	99
29) 2,4-Dichlorophenol	7.96	162	380580	40.75	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	401448	39.09	ng	# 95
31) Naphthalene	8.12	128	1326104	38.95	ng	98
32) Benzoic acid	7.88	122	182821	37.67	ng	97
33) 4-Chloroaniline	8.17	127	205232	13.51	ng	# 89
34) Hexachlorobutadiene	8.25	225	199357	41.50	ng	98
35) Caprolactam	8.55	113	91434	32.03	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	425521	41.01	ng	87
37) 2-Methylnaphthalene	8.82	142	885182	42.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	318287	38.03	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	381334	76.66	ng	99

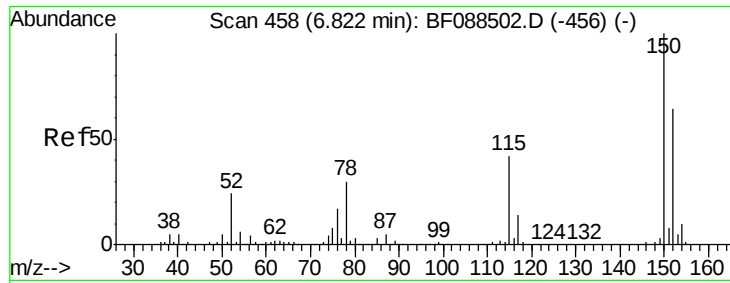
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	279775	45.11	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	213518	34.46	ng	97
45) 1,1'-Biphenyl	9.29	154	1016937	41.59	ng	93
46) 2-Chloronaphthalene	9.30	162	764074	39.14	ng	100
47) 2-Nitroaniline	9.39	65	252798	42.84	ng	99
48) Acenaphthylene	9.72	152	1295924	39.51	ng	99
49) Dimethylphthalate	9.59	163	836154	39.30	ng	100
50) 2,6-Dinitrotoluene	9.64	165	213407	45.69	ng	97
51) Acenaphthene	9.90	154	819240	42.43	ng	98
52) 3-Nitroaniline	9.80	138	118665	22.34	ng	94
53) 2,4-Dinitrophenol	9.91	184	104760	140.78	ng	# 83
54) Dibenzofuran	10.07	168	1164877	40.87	ng	95
55) 4-Nitrophenol	9.96	139	293318	80.61	ng	94
56) 2,4-Dinitrotoluene	10.04	165	264936	45.36	ng	# 73
57) Fluorene	10.41	166	795519	43.24	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	194640	41.75	ng	98
59) Diethylphthalate	10.28	149	881045	39.64	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	332515	38.28	ng	98
61) 4-Nitroaniline	10.42	138	196149	43.58	ng	84
62) Azobenzene	10.56	77	1130407	39.10	ng	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	79238	47.52	ng	82
65) n-Nitrosodiphenylamine	10.51	169	725430	37.45	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	237814	40.64	ng	100
67) Hexachlorobenzene	10.95	284	223137	37.50	ng	98
68) Atrazine	11.05	200	240423	42.96	ng	93
69) Pentachlorophenol	11.14	266	245324	79.27	ng	98
70) Phenanthrene	11.36	178	1073606	38.24	ng	100
71) Anthracene	11.42	178	1226260	41.65	ng	100
72) Carbazole	11.57	167	1076641	42.62	ng	100
73) Di-n-butylphthalate	11.91	149	1347209	41.54	ng	100
74) Fluoranthene	12.54	202	1048899	41.02	ng	99
76) Benzidine	12.66	184	314294	34.79	ng	99
77) Pyrene	12.77	202	978571	39.11	ng	100
79) Butylbenzylphthalate	13.39	149	438170	41.98	ng	99
80) Benzo(a)anthracene	13.95	228	759023	38.76	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	147751	22.81	ng	99
82) Chrysene	13.99	228	728652	40.09	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	588338	40.52	ng	99
84) Di-n-octyl phthalate	14.57	149	1022103	41.16	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.72	276	903951	38.14	ng	# 100
87) Benzo(b)fluoranthene	14.99	252	1456561	79.52	ng	# 95
88) Benzo(k)fluoranthene	14.99	252	1457098	88.83	ng	99
89) Benzo(a)pyrene	15.30	252	728945	41.54	ng	98
90) Dibenzo(a,h)anthracene	16.74	278	735956	41.37	ng	97
91) Benzo(g,h,i)perylene	17.13	276	773399	41.49	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

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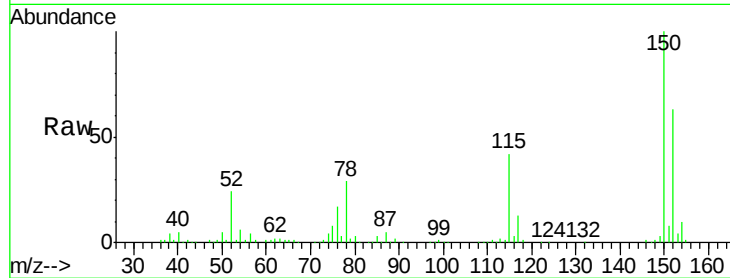
Tgt Ion:152 Resp: 159793

Ion Ratio Lower Upper

152 100

150 158.9 124.5 186.7

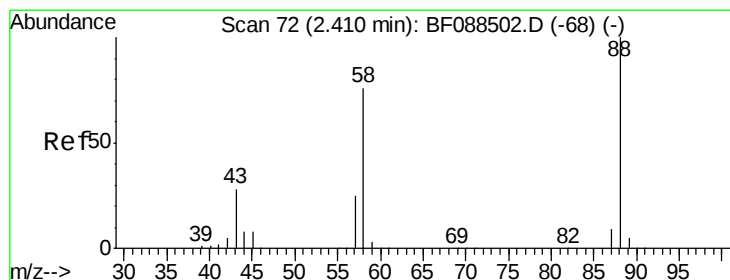
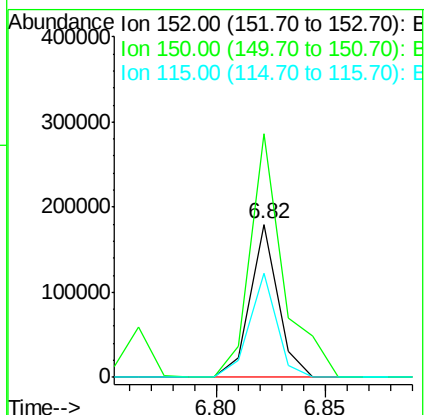
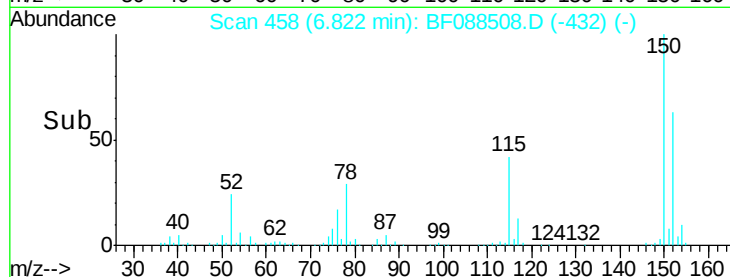
115 67.5 52.3 78.5



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



#2

1,4-Dioxane

Concen: 33.53 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.09 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

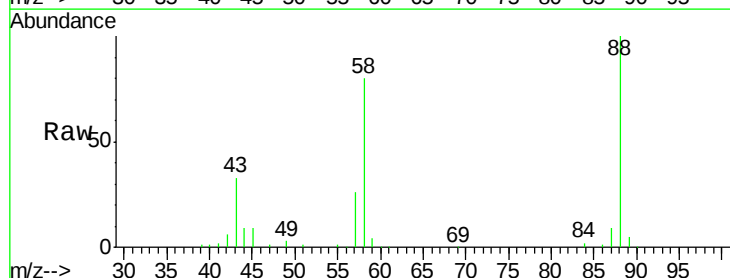
Tgt Ion: 88 Resp: 176665

Ion Ratio Lower Upper

88 100

58 74.8 0.0 0.0#

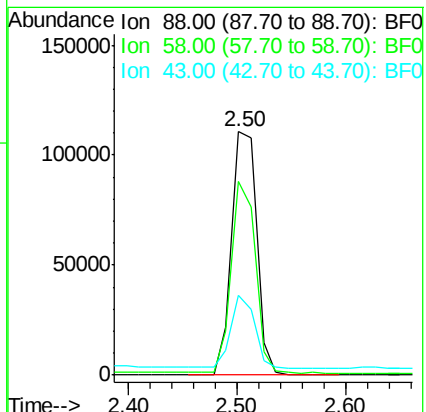
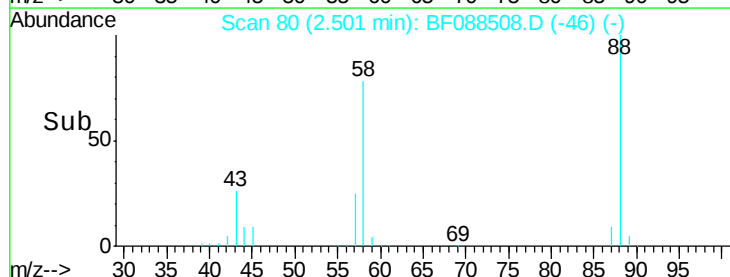
43 28.6 3.2 4.8#

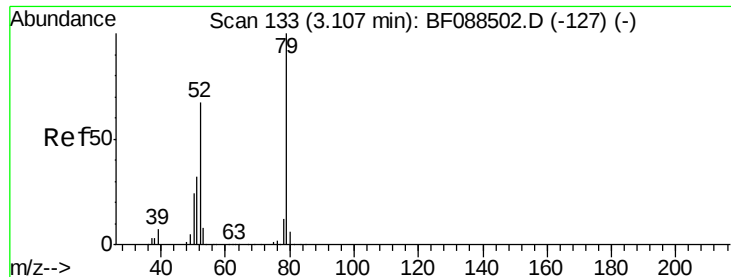


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.25 ng

RT: 3.20 min Scan# 141

Delta R.T. 0.09 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

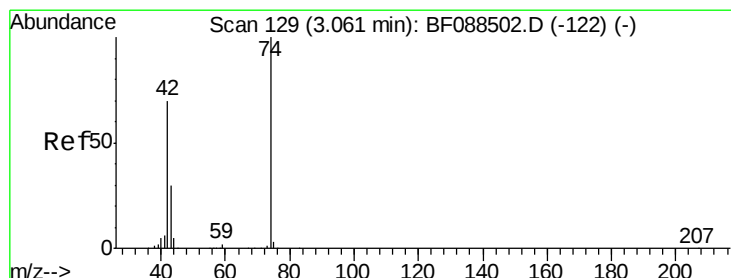
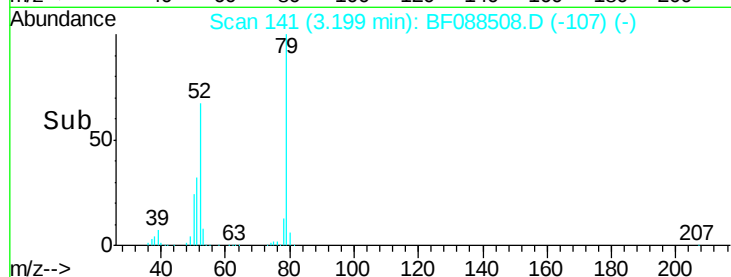
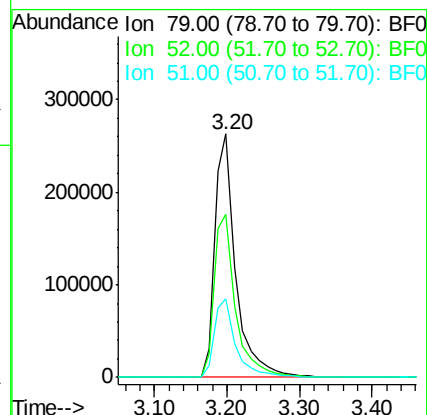
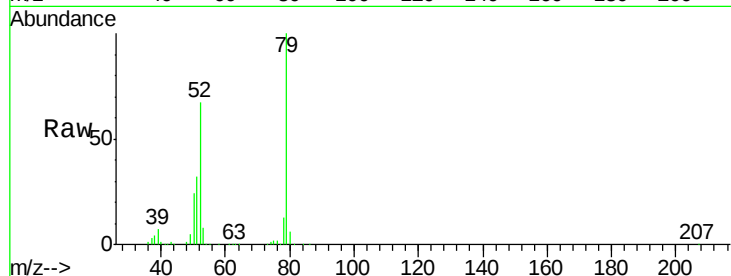
Tgt Ion: 79 Resp: 525383

Ion Ratio Lower Upper

79 100

52 67.1 53.4 80.0

51 32.4 25.8 38.6



#4

n-Nitrosodimethylamine

Concen: 41.65 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.09 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

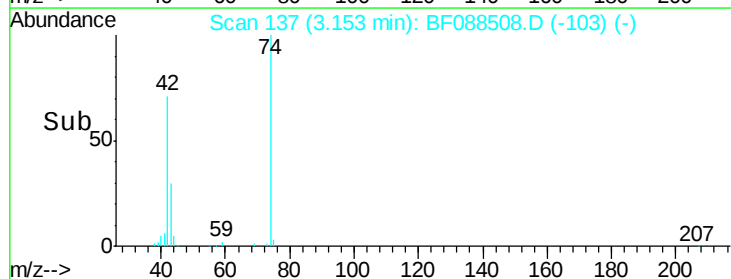
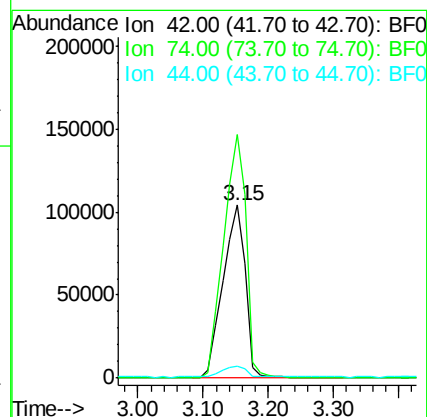
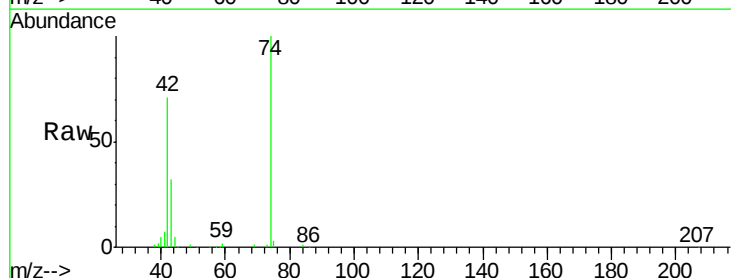
Tgt Ion: 42 Resp: 251401

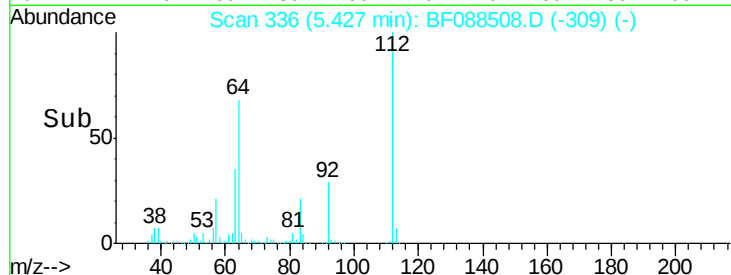
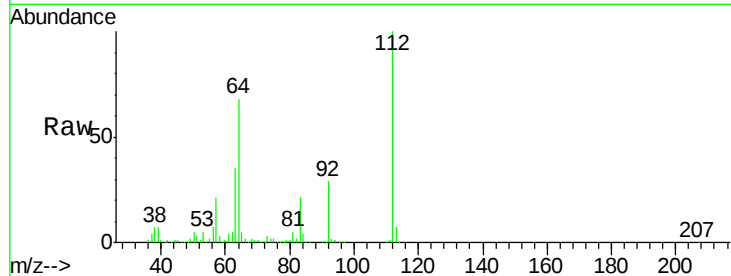
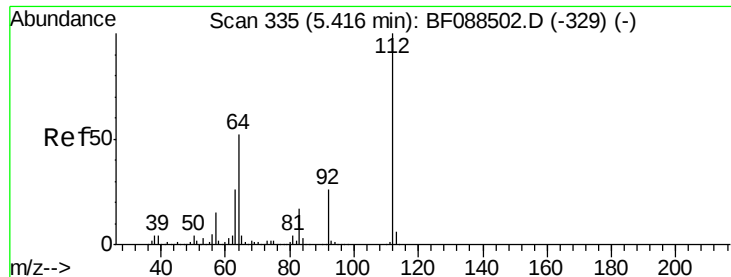
Ion Ratio Lower Upper

42 100

74 140.6 113.7 170.5

44 7.1 6.4 9.6





#5

2-Fluorophenol

Concen: 108.58 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

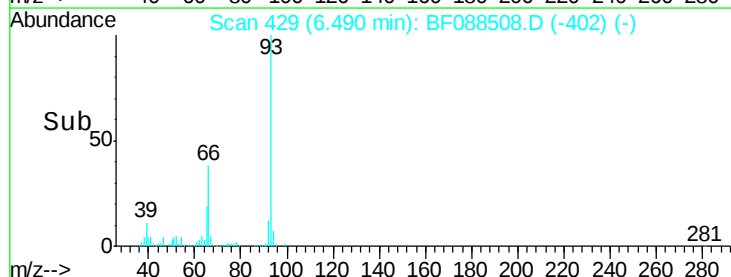
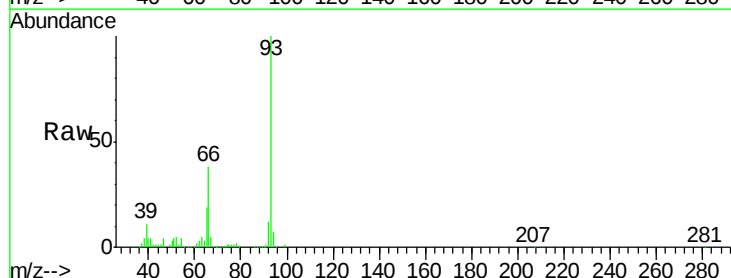
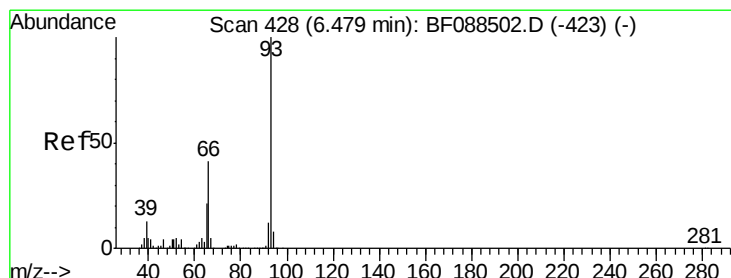
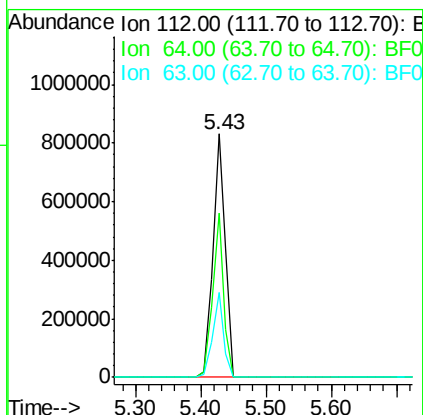
Tgt Ion:112 Resp: 1120413

Ion Ratio Lower Upper

112 100

64 67.5 41.5 62.3#

63 34.9 20.6 31.0#



#6

Aniline

Concen: 23.56 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

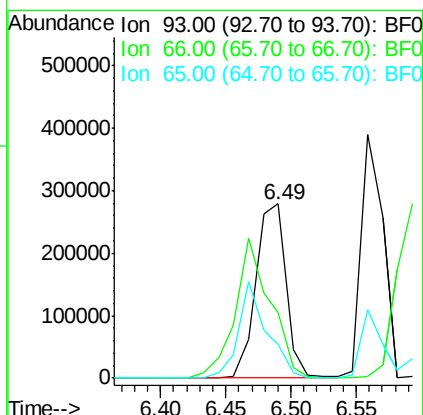
Tgt Ion: 93 Resp: 453976

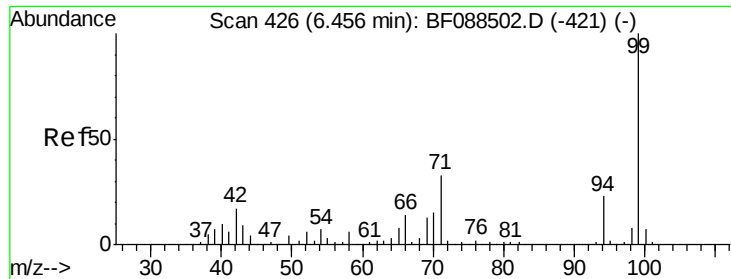
Ion Ratio Lower Upper

93 100

66 37.6 33.0 49.6

65 19.2 16.5 24.7





#7

Phenol-d6

Concen: 116.33 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

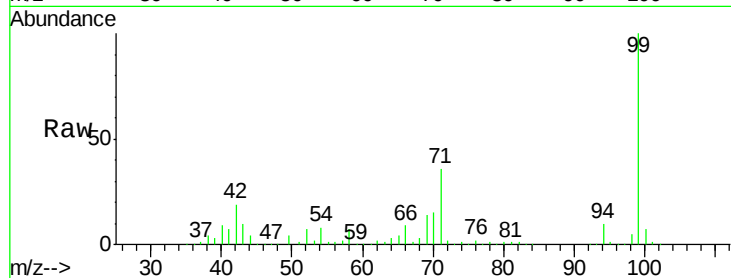
Tgt Ion: 99 Resp: 1534906

Ion Ratio Lower Upper

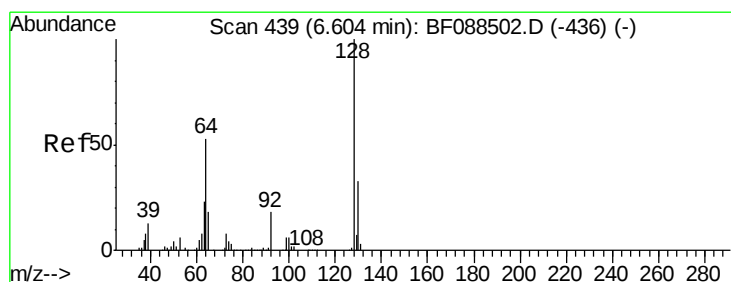
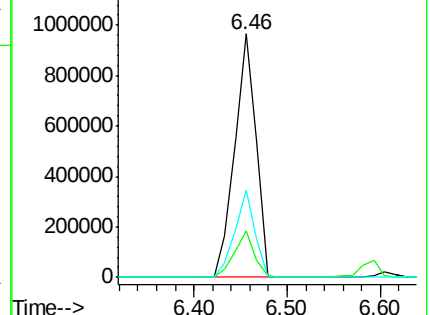
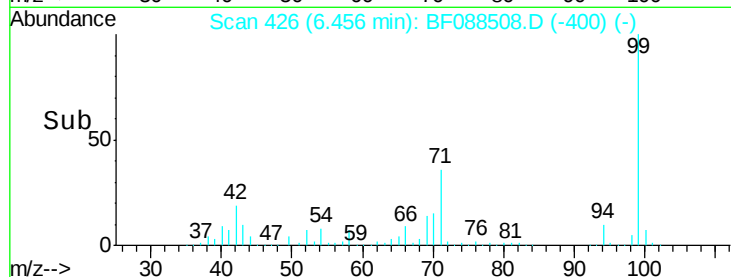
99 100

42 19.1 13.4 20.0

71 35.8 26.1 39.1



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



#8

2-Chlorophenol

Concen: 39.12 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

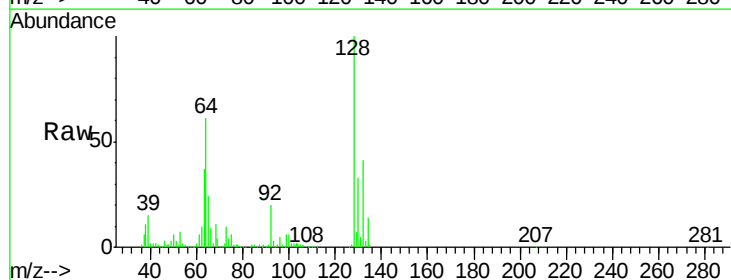
Tgt Ion: 128 Resp: 443082

Ion Ratio Lower Upper

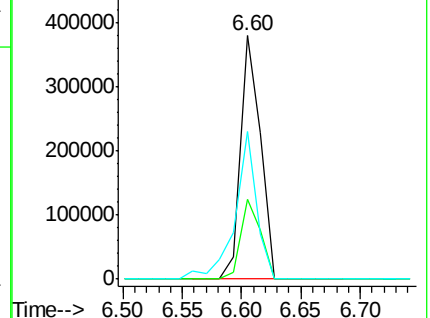
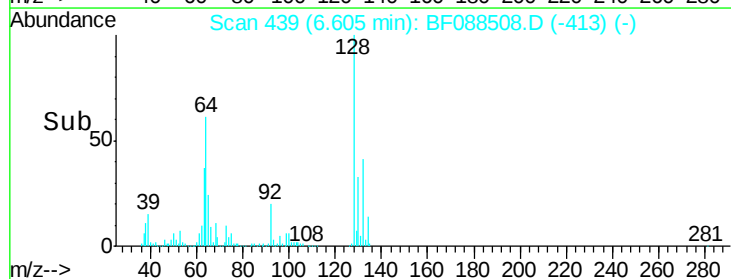
128 100

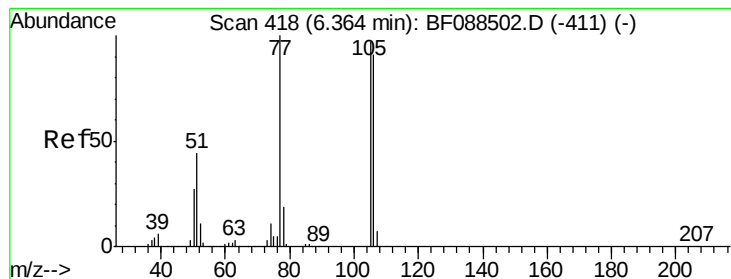
130 33.0 13.2 53.2

64 60.9 34.3 74.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 1.42 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

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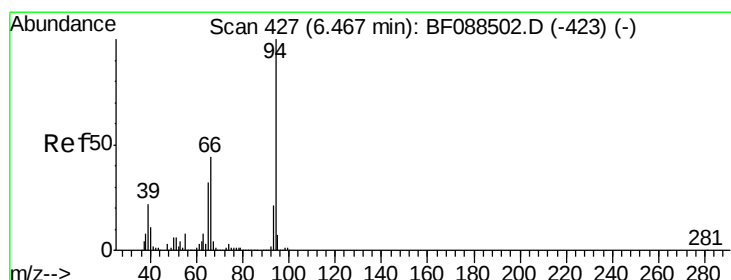
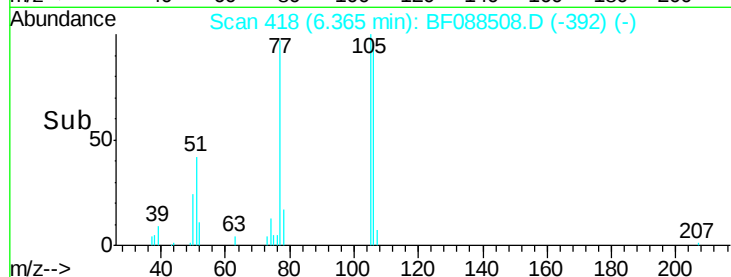
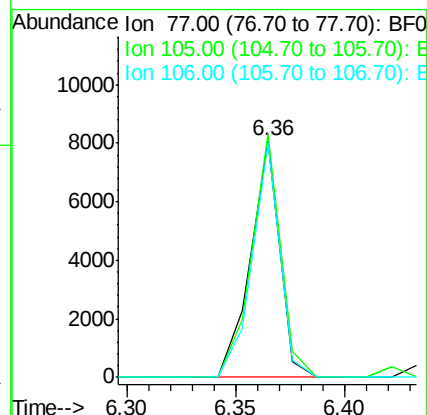
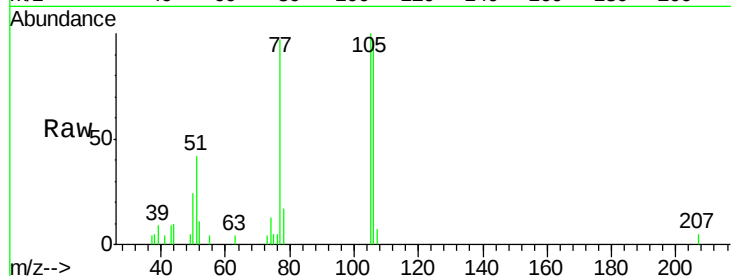
Tgt Ion: 77 Resp: 7498

Ion Ratio Lower Upper

77 100

105 103.1 76.6 116.6

106 99.4 70.8 110.8



#10

Phenol

Concen: 33.08 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

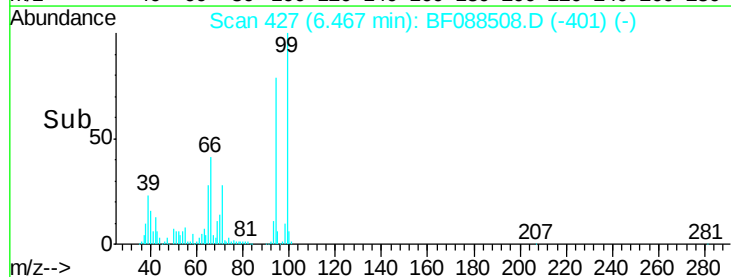
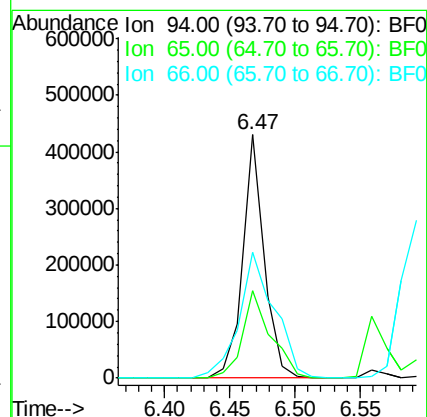
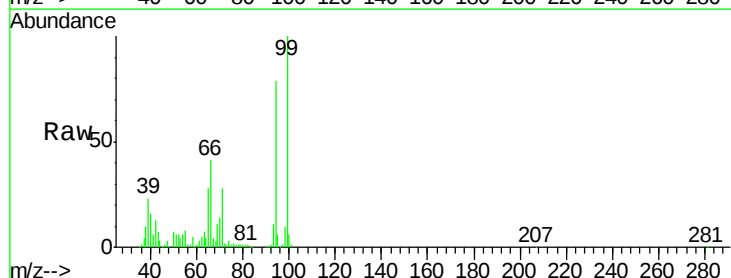
Tgt Ion: 94 Resp: 487851

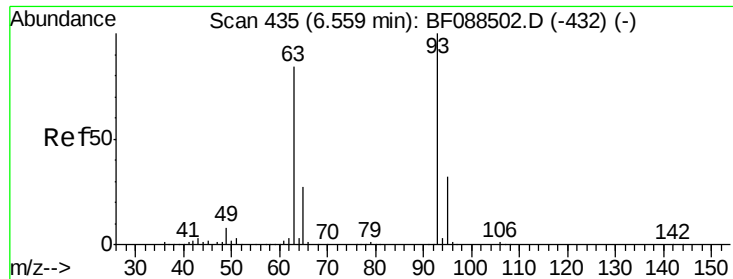
Ion Ratio Lower Upper

94 100

65 35.7 11.6 51.6

66 51.9 23.8 63.8

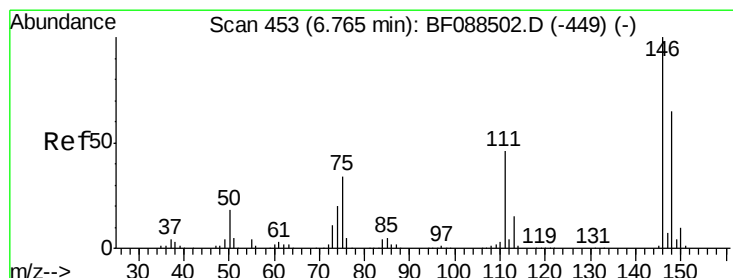
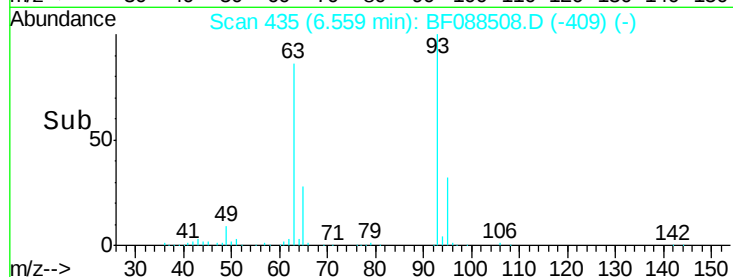
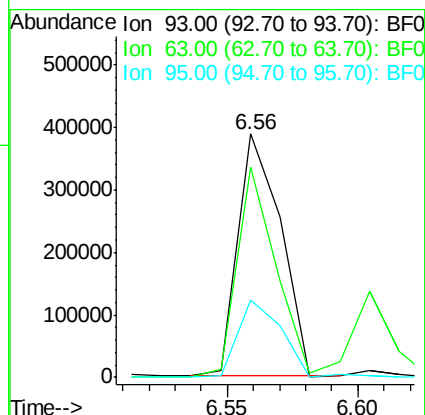
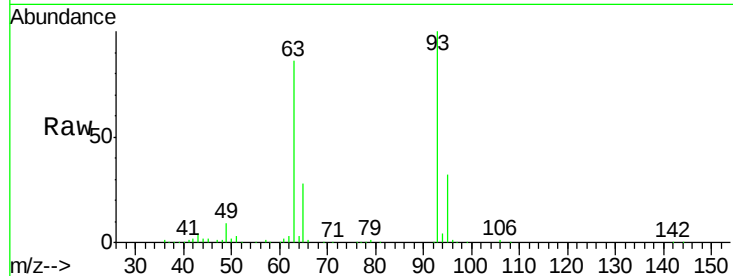




#11
bis(2-Chloroethyl)ether
Concen: 37.50 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

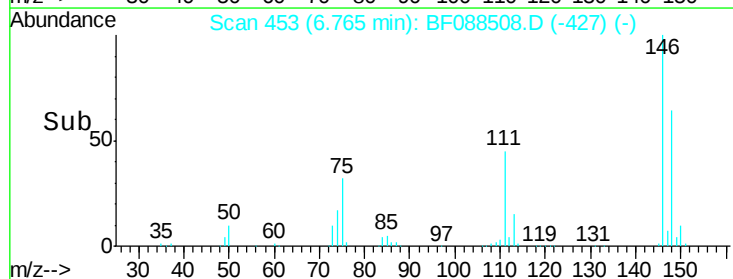
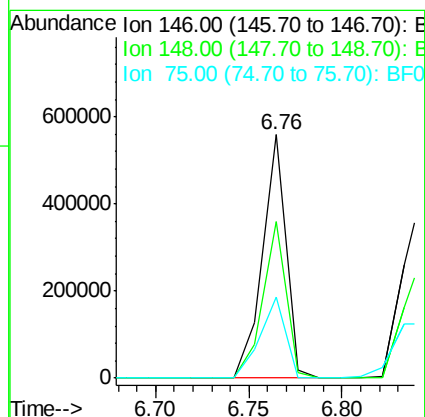
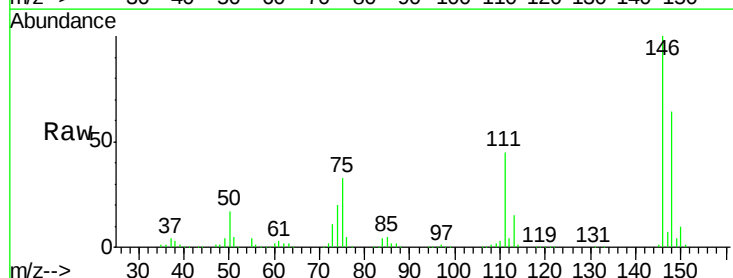
Instrument :
BNA_F
ClientSampleId :
PB91573BS

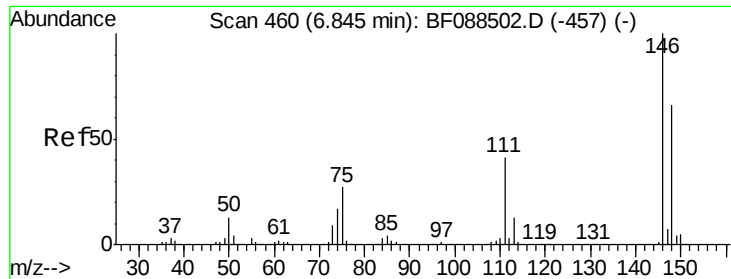
Tgt Ion: 93 Resp: 448126
Ion Ratio Lower Upper
93 100
63 86.2 63.4 103.4
95 31.6 11.7 51.7



#12
1,3-Dichlorobenzene
Concen: 40.54 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion: 146 Resp: 483939
Ion Ratio Lower Upper
146 100
148 64.5 52.3 78.5
75 33.3 26.8 40.2

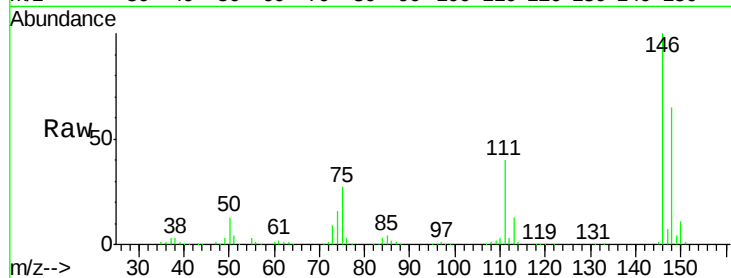




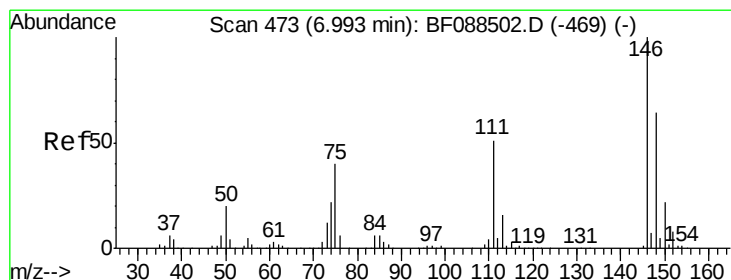
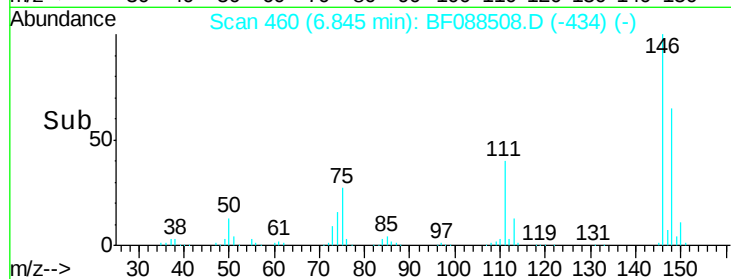
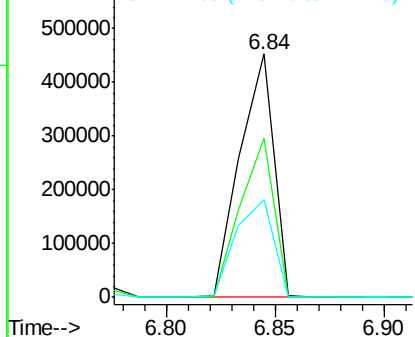
#13
 1,4-Dichlorobenzene
 Concen: 40.43 ng
 RT: 6.84 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:146 Resp: 491943
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.8 79.2
 111 39.9 32.5 48.7

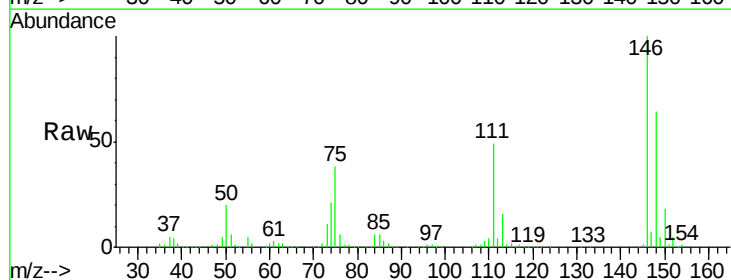


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

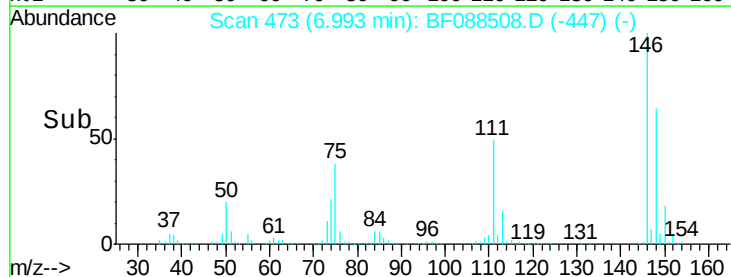
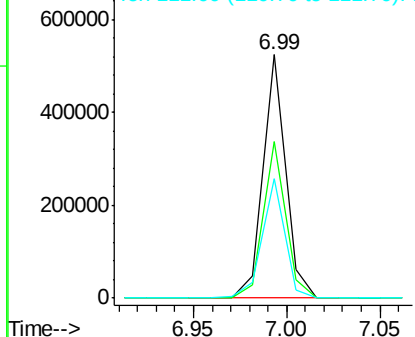


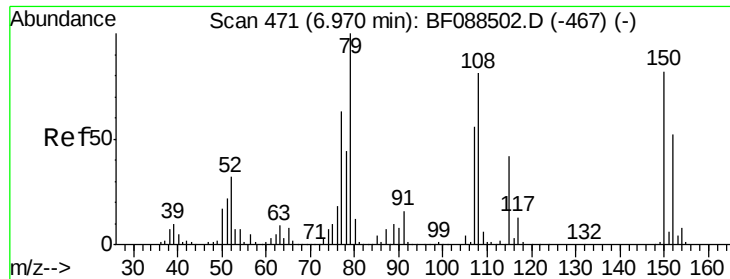
#14
 1,2-Dichlorobenzene
 Concen: 42.93 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:146 Resp: 434523
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 49.2 40.5 60.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.46 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

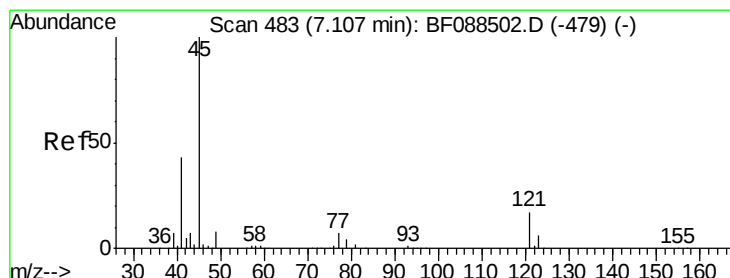
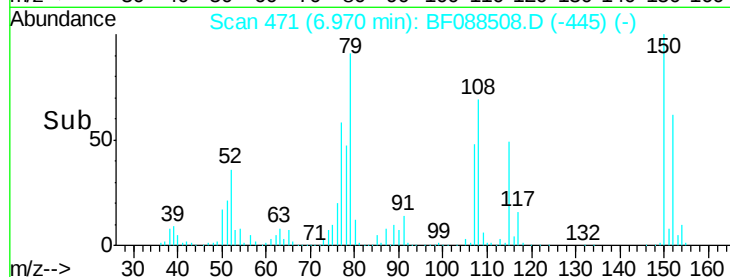
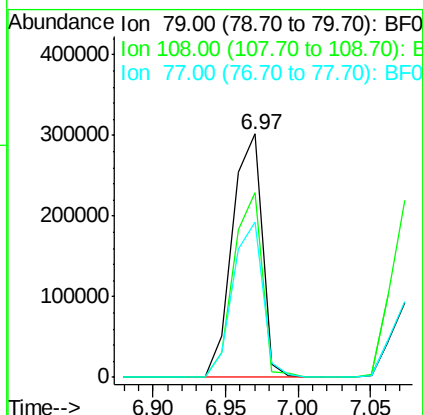
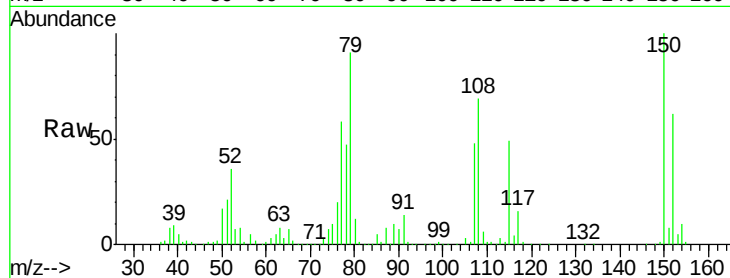
Tgt Ion: 79 Resp: 430623

Ion Ratio Lower Upper

79 100

108 75.7 64.7 97.1

77 63.8 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.89 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

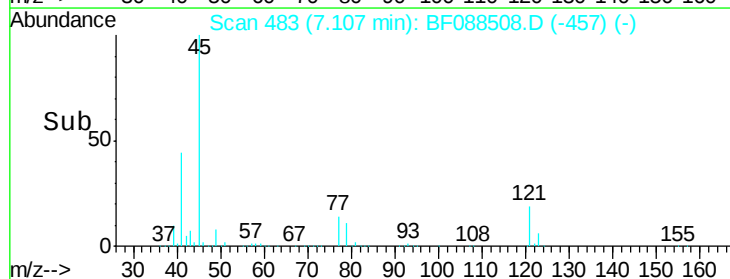
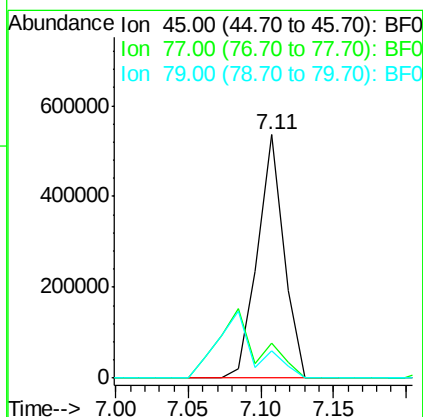
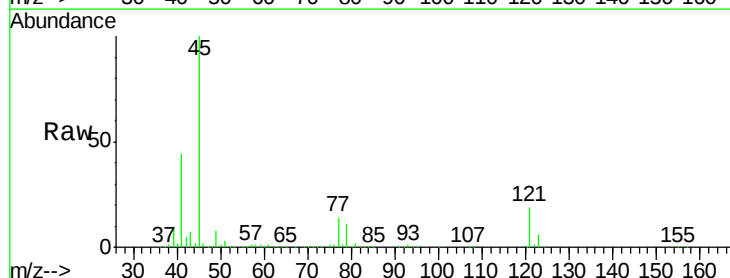
Tgt Ion: 45 Resp: 675336

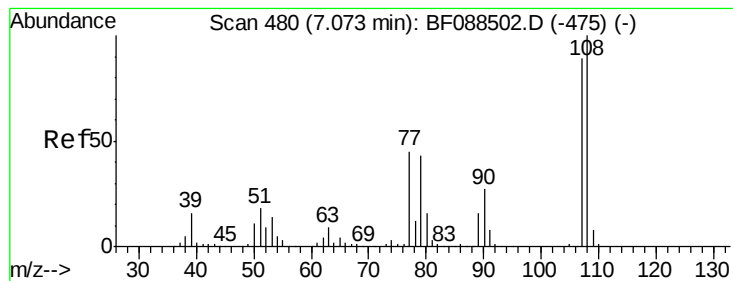
Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.1

79 11.2 0.0 30.7





#17

2-Methylphenol

Concen: 44.50 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:107 Resp: 428842

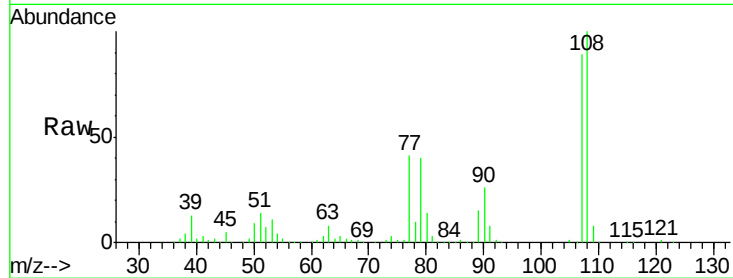
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 46.5 40.2 60.4

79 45.0 39.0 58.6

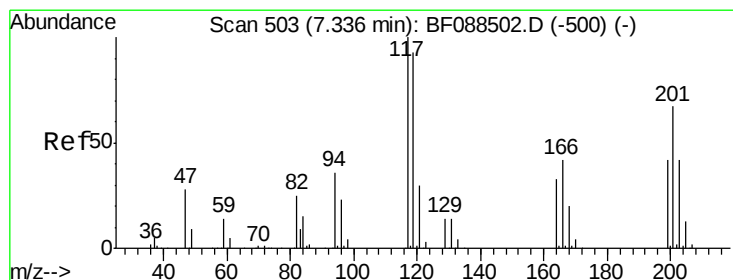
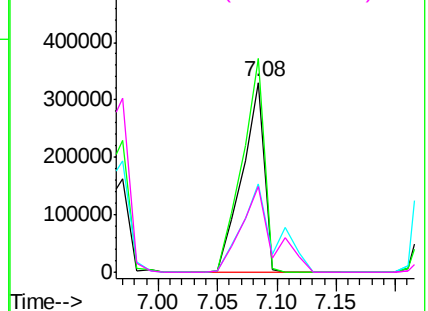
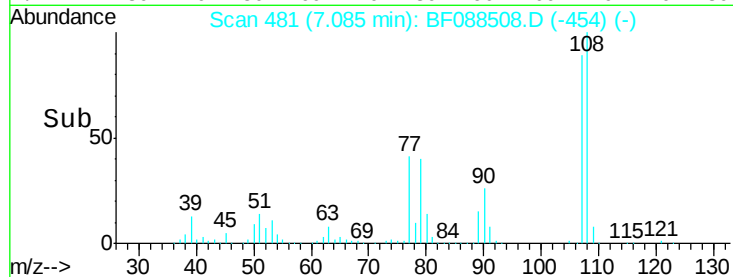


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.84 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

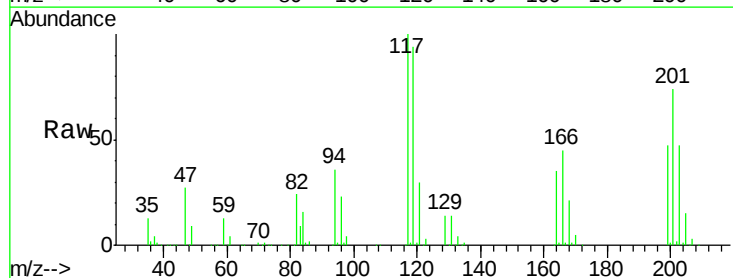
Tgt Ion:117 Resp: 182009

Ion Ratio Lower Upper

117 100

119 94.1 74.1 111.1

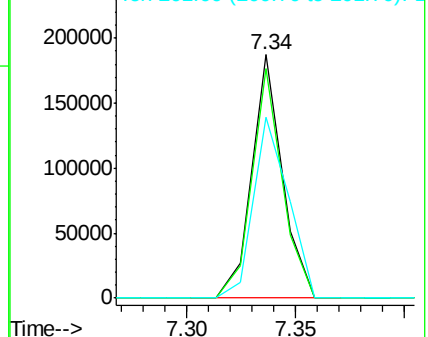
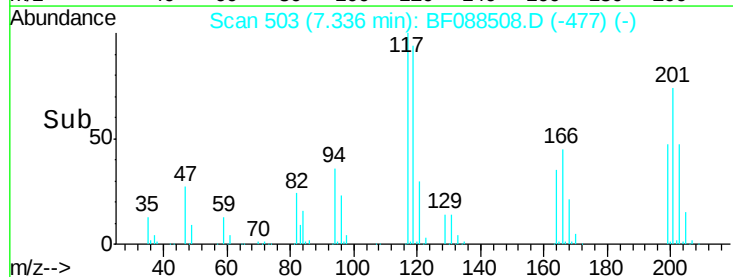
201 74.1 53.4 80.2

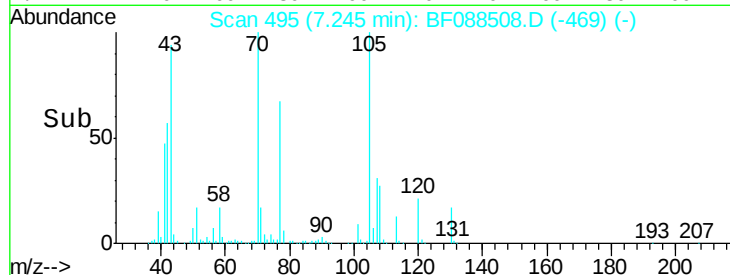
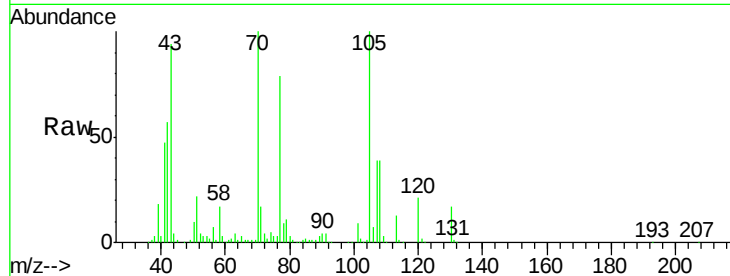
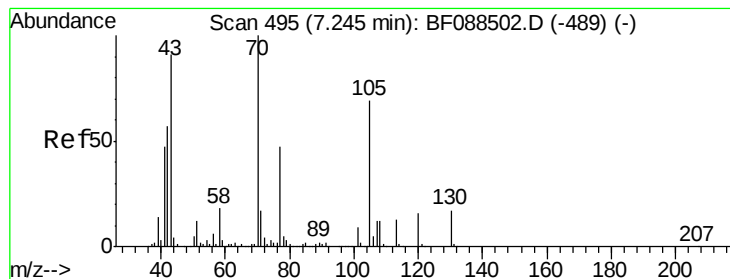


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.93 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion: 70 Resp: 349634

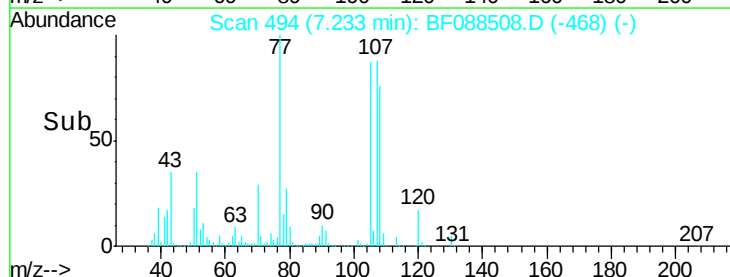
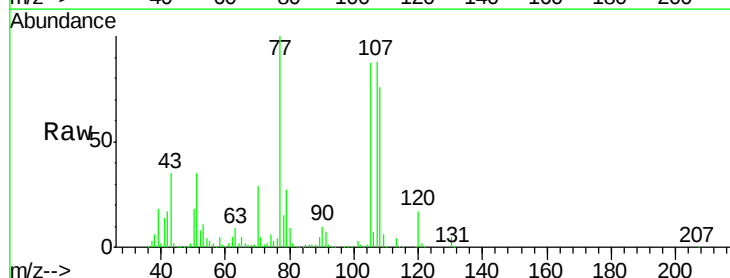
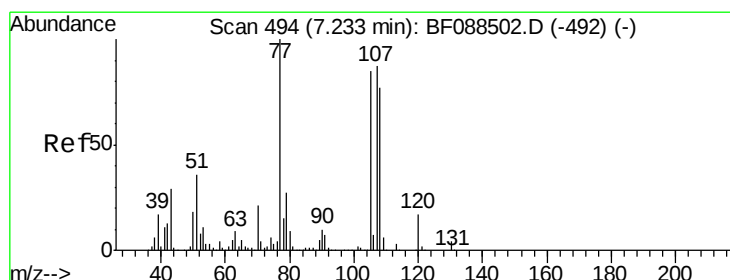
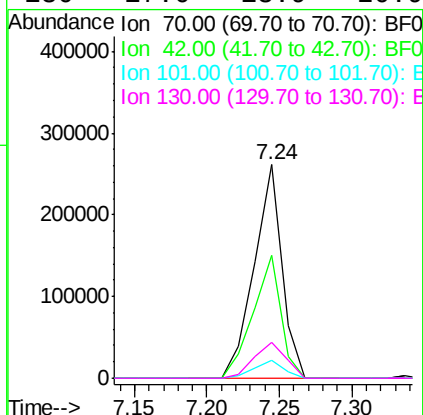
Ion Ratio Lower Upper

70 100

42 57.6 45.9 68.9

101 8.6 6.8 10.2

130 17.0 13.9 20.9



#20

3+4-Methylphenols

Concen: 41.31 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Tgt Ion: 107 Resp: 439730

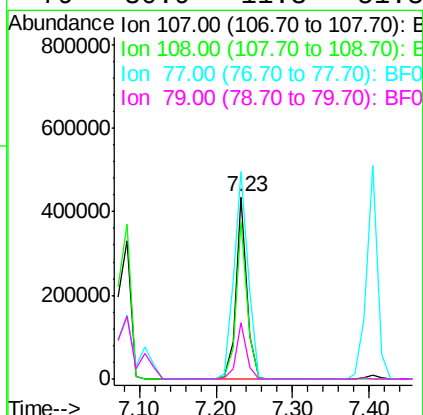
Ion Ratio Lower Upper

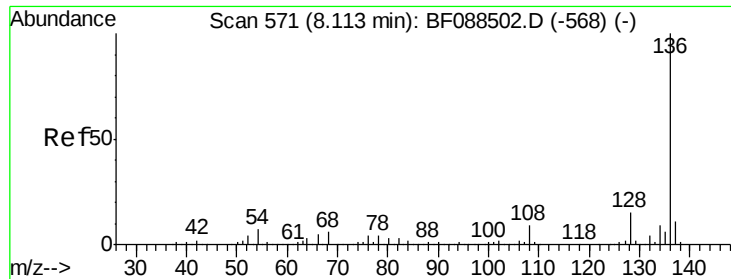
107 100

108 86.8 68.1 108.1

77 114.1 95.1 135.1

79 30.9 11.3 51.3

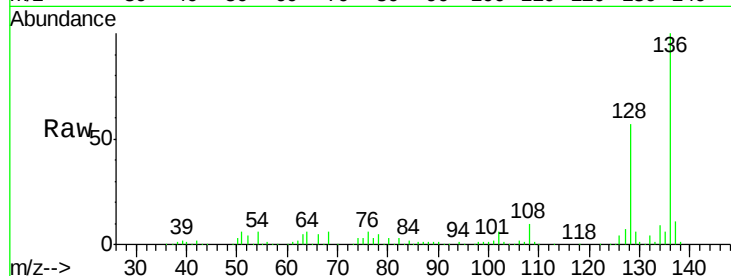




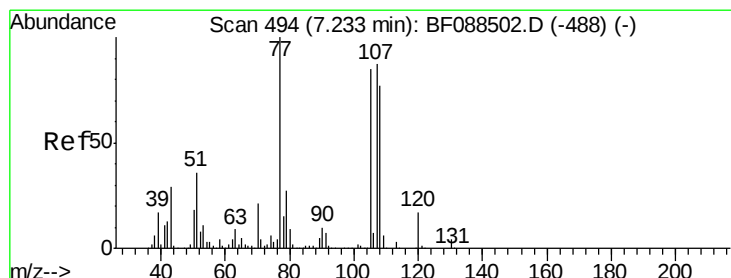
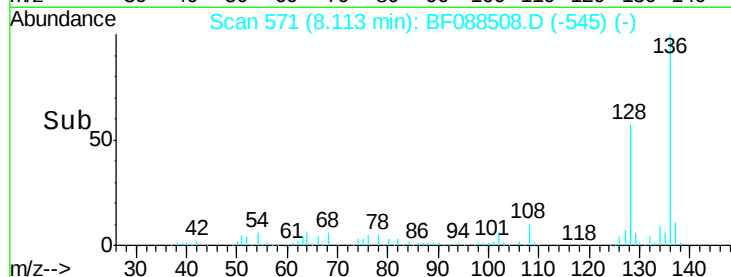
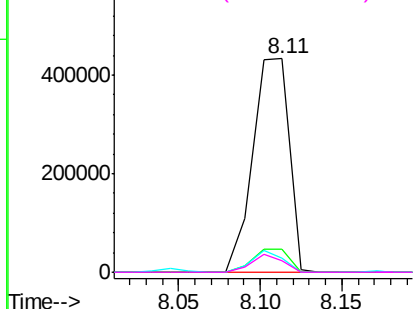
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion:	136	Resp:	671186
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.5	5.4	8.2
68	5.6	4.9	7.3

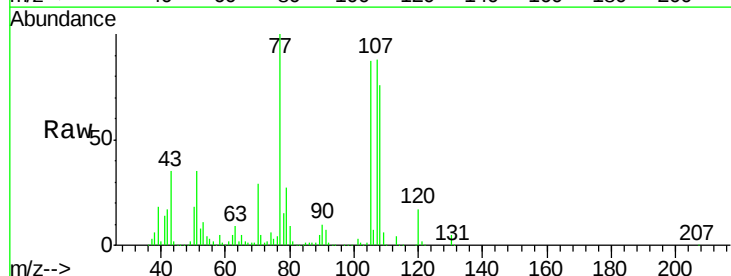


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

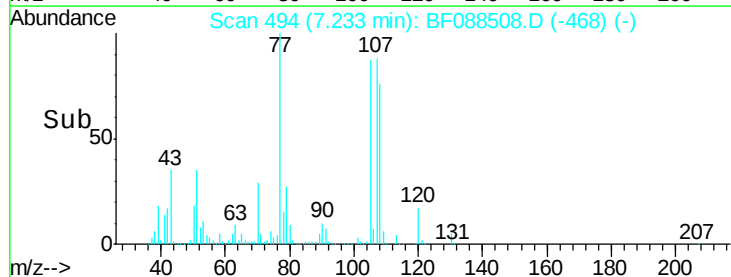
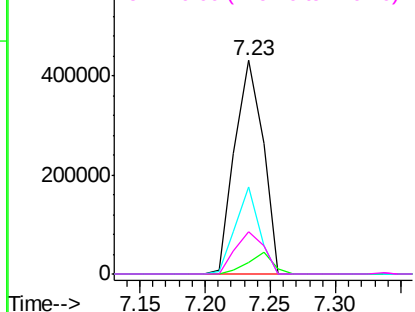


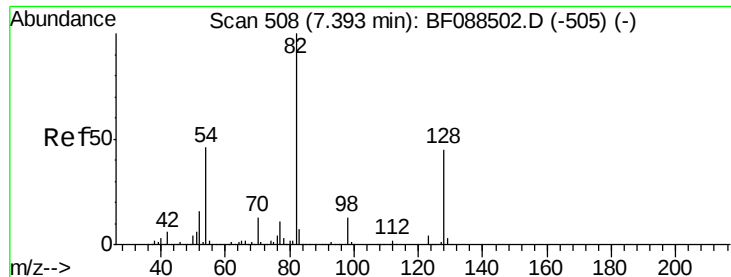
#22
Acetophenone
Concen: 40.19 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:	105	Resp:	649402
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.4	5.2#
51	40.9	33.6	50.4
120	19.6	15.6	23.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

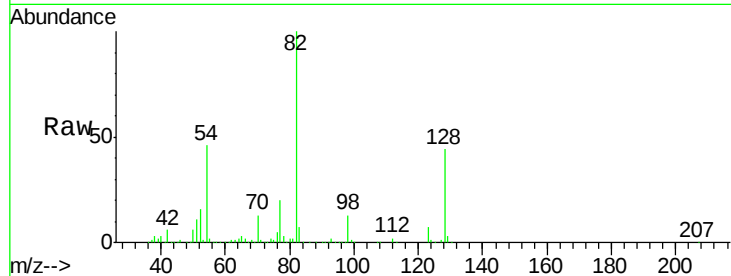




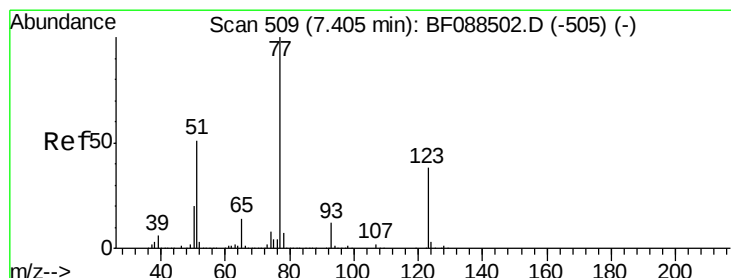
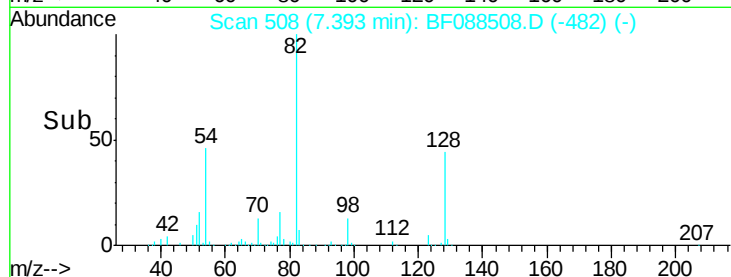
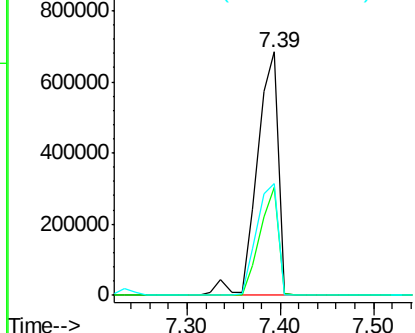
#23
 Nitrobenzene-d5
 Concen: 84.61 ng
 RT: 7.39 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion: 82 Resp: 1081216
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.8 53.8
 54 46.1 37.1 55.7

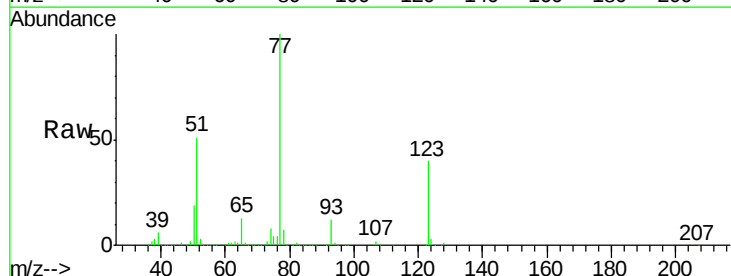


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

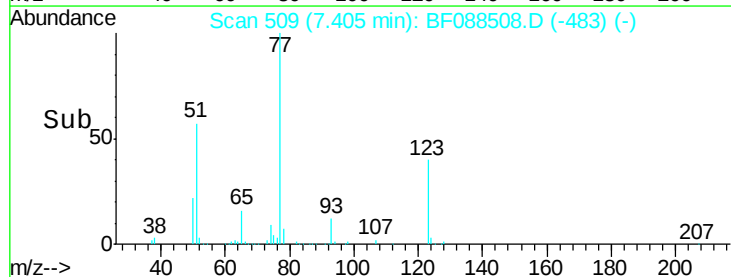
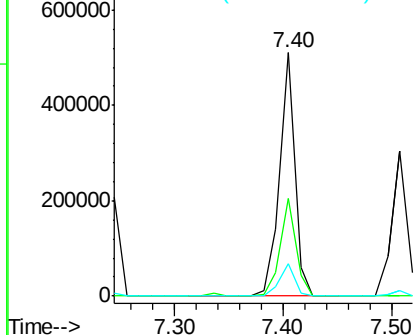


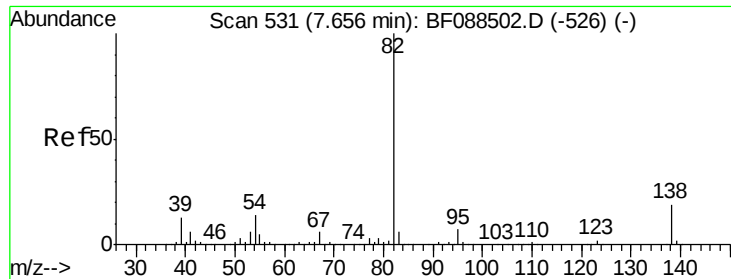
#24
 Nitrobenzene
 Concen: 36.22 ng
 RT: 7.40 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion: 77 Resp: 496503
 Ion Ratio Lower Upper
 77 100
 123 40.1 30.7 46.1
 65 13.4 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.83 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

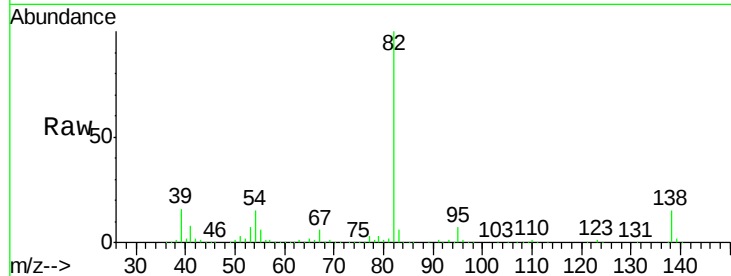
Tgt Ion: 82 Resp: 1002583

Ion Ratio Lower Upper

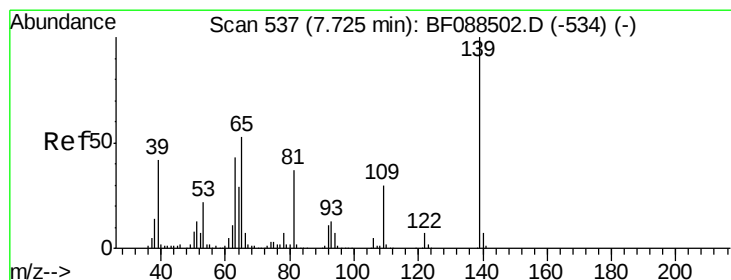
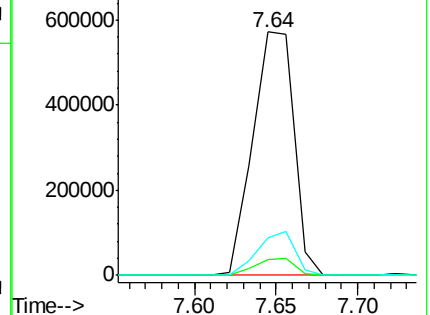
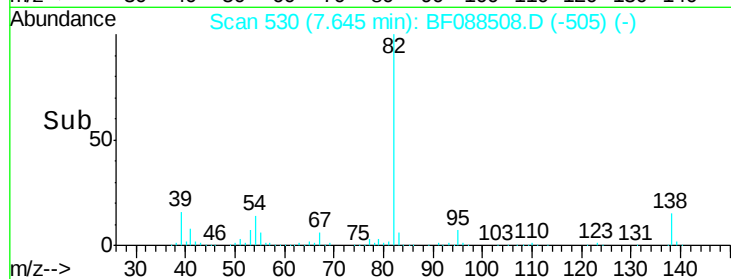
82 100

95 6.6 5.6 8.4

138 15.2 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.05 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

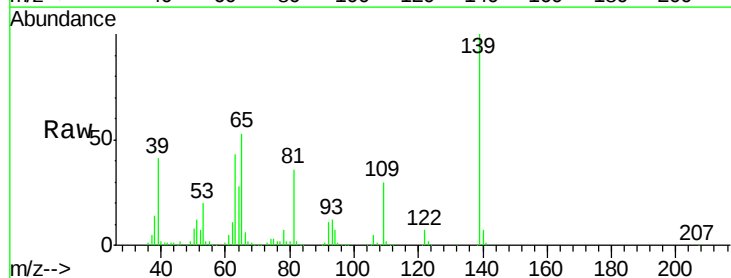
Tgt Ion: 139 Resp: 223282

Ion Ratio Lower Upper

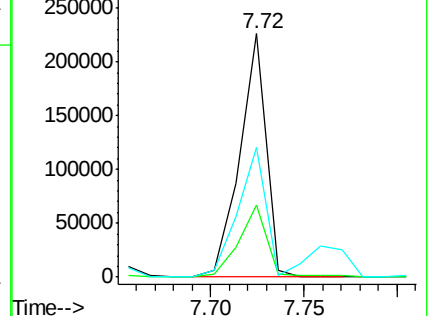
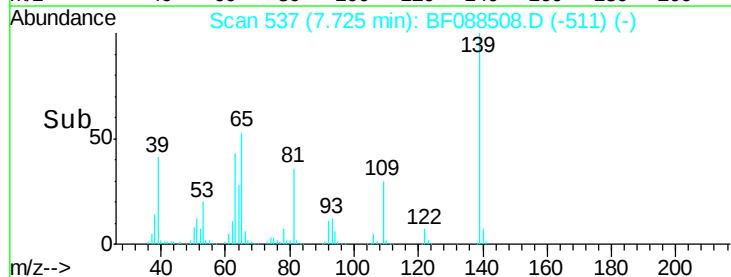
139 100

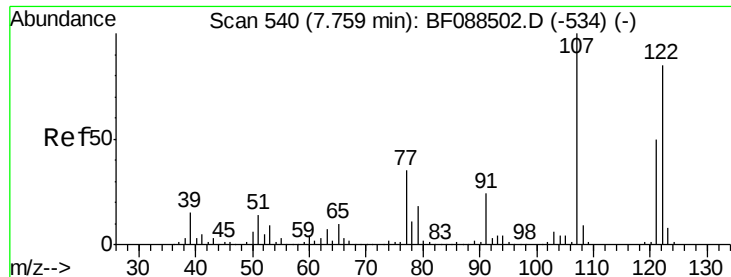
109 29.6 24.0 36.0

65 53.3 42.4 63.6



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

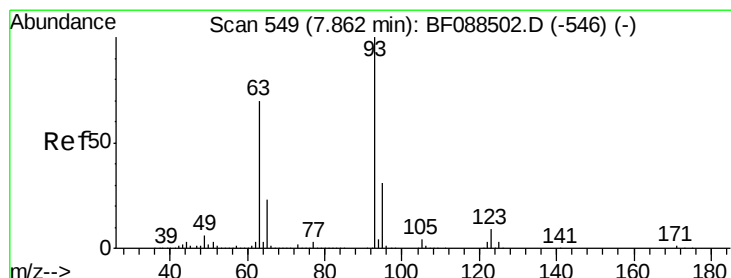
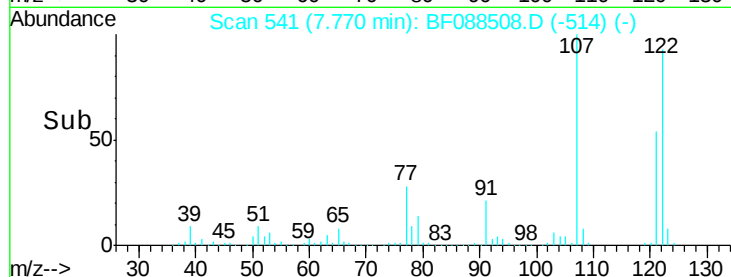
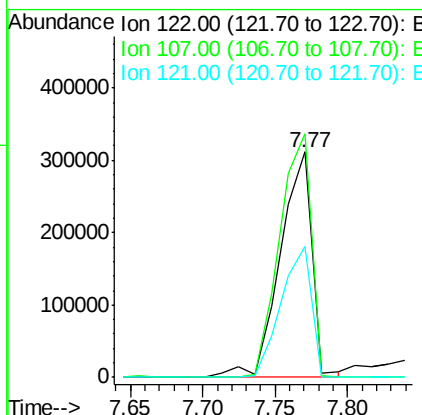
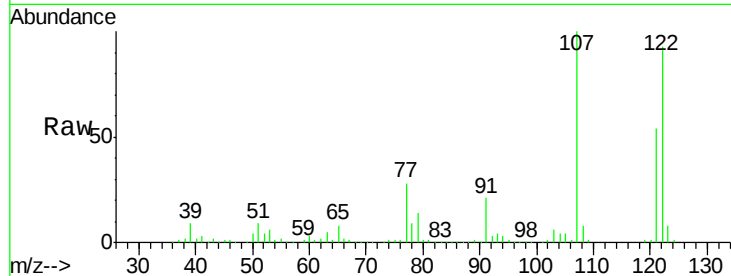




#27
 2,4-Dimethylphenol
 Concen: 40.63 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

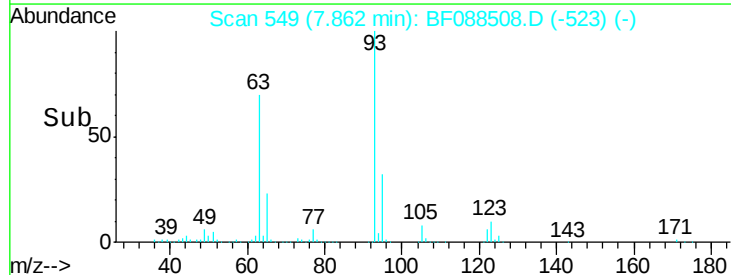
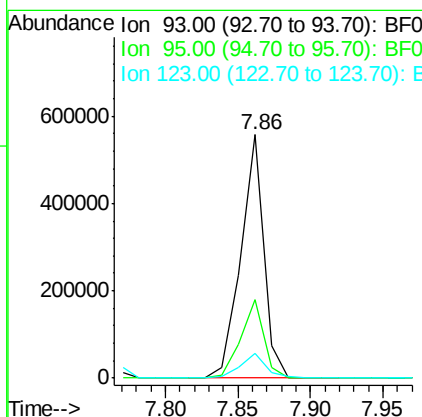
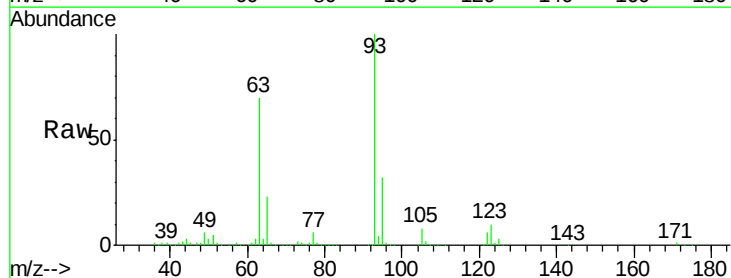
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

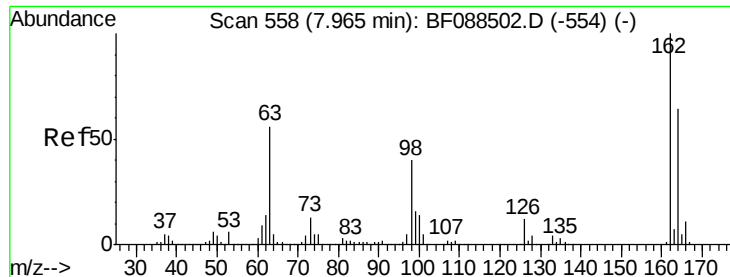
Tgt Ion:122 Resp: 471037
 Ion Ratio Lower Upper
 122 100
 107 108.0 94.1 141.1
 121 58.2 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.48 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion: 93 Resp: 612435
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.1 37.7
 123 10.0 7.8 11.6

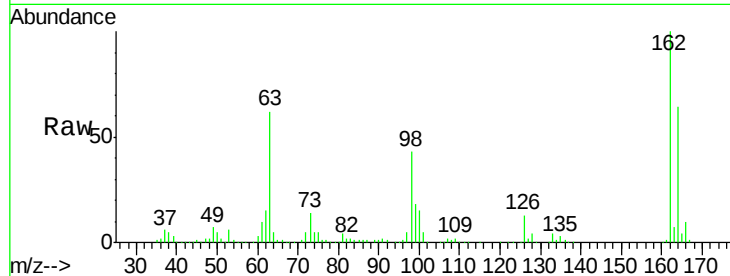




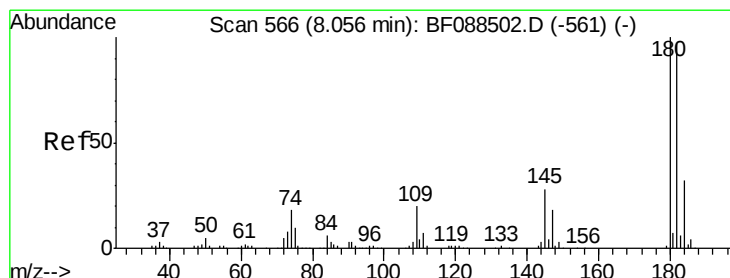
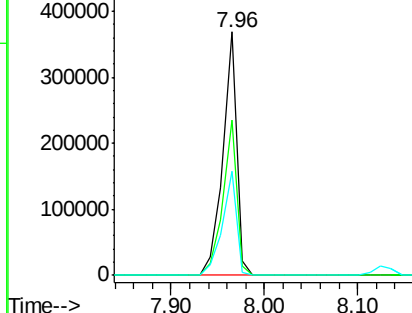
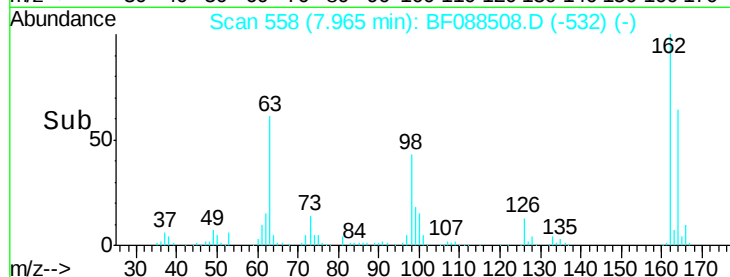
#29
 2,4-Dichlorophenol
 Concen: 40.75 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.3	84.3
98	42.7	20.5	60.5

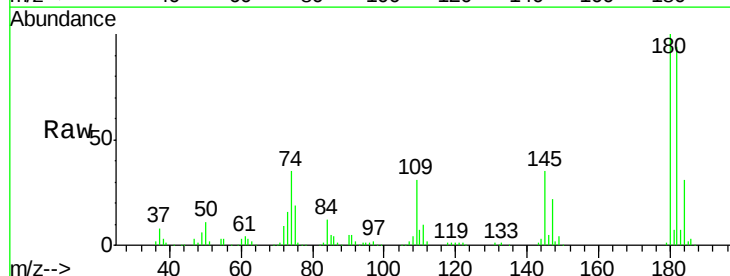


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

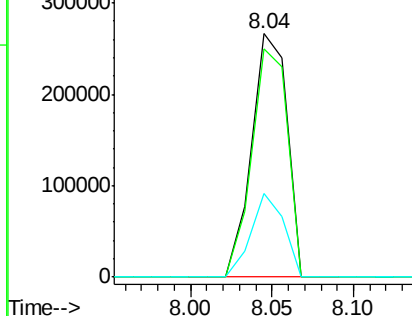
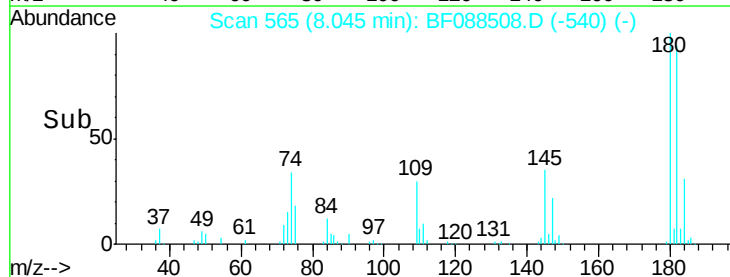


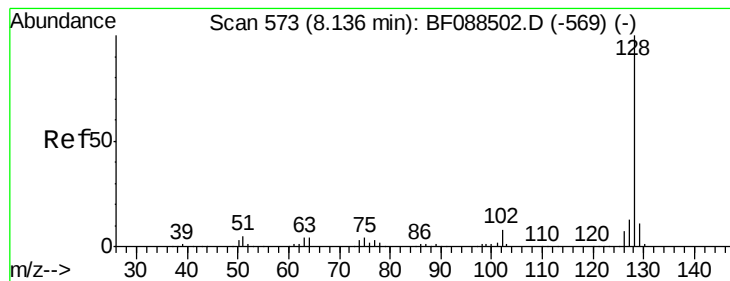
#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.4	116.0
145	34.6	22.6	33.8#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.95 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

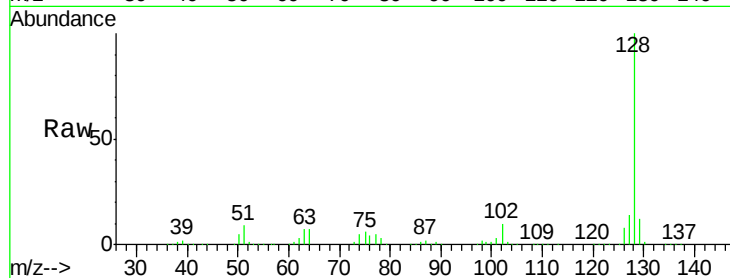
Tgt Ion:128 Resp: 1326104

Ion Ratio Lower Upper

128 100

129 11.9 8.6 12.8

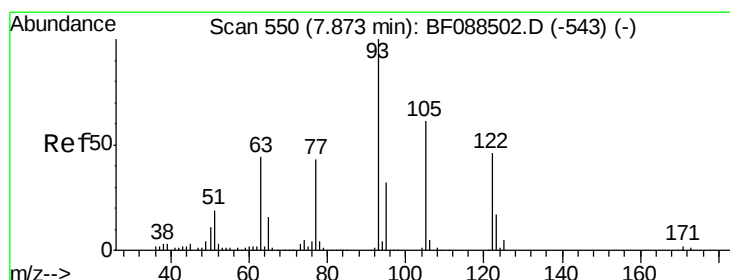
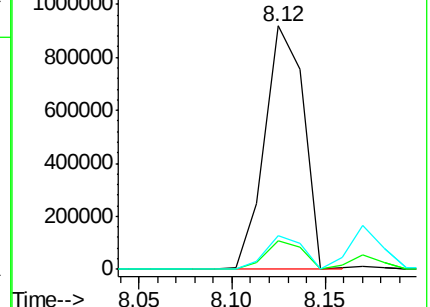
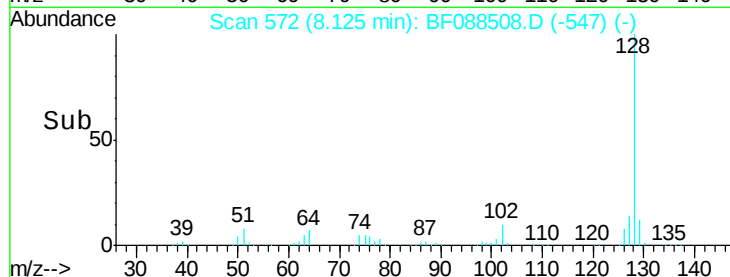
127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.67 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

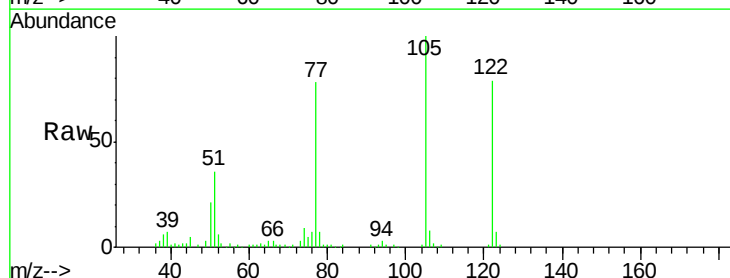
Tgt Ion:122 Resp: 182821

Ion Ratio Lower Upper

122 100

105 126.6 110.7 150.7

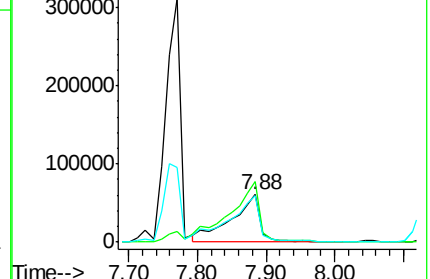
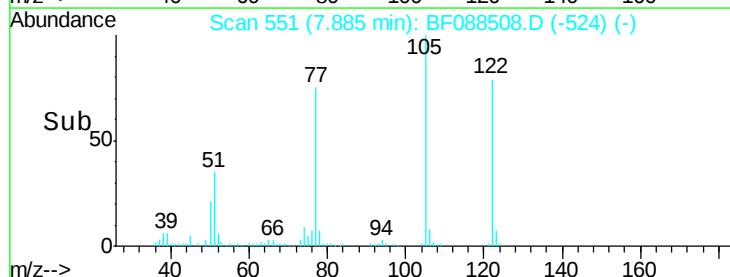
77 99.2 76.5 116.5

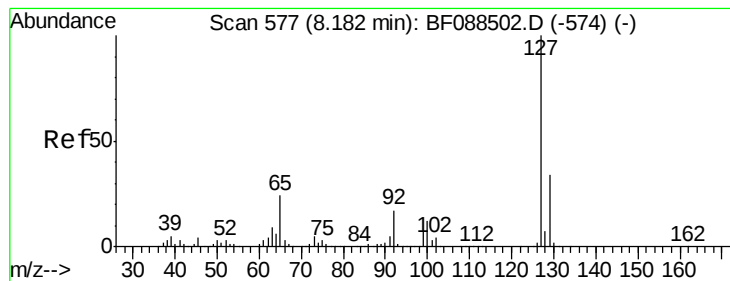


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.51 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

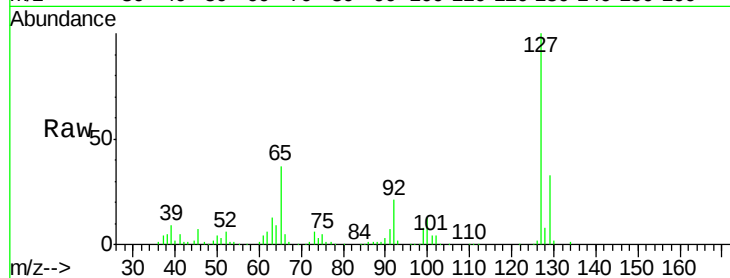
Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:	127	Resp:	205232
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.9	40.3
65	36.6	19.4	29.2#
92	21.4	14.0	21.0#

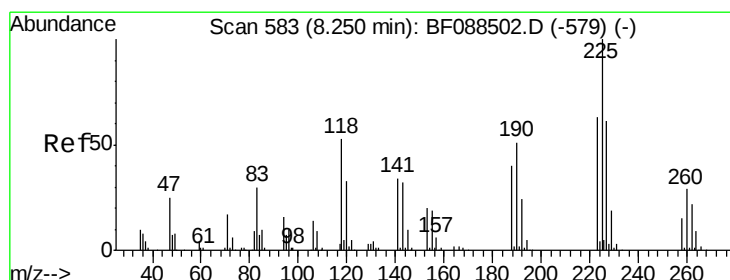
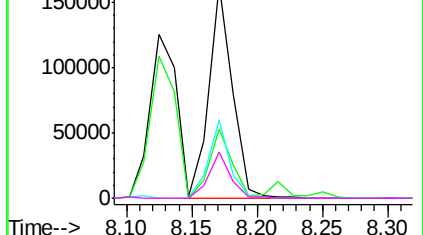
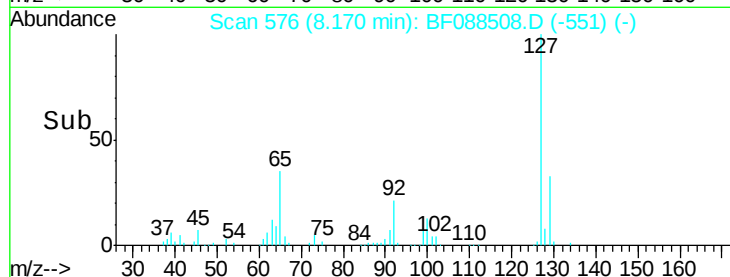


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.50 ng

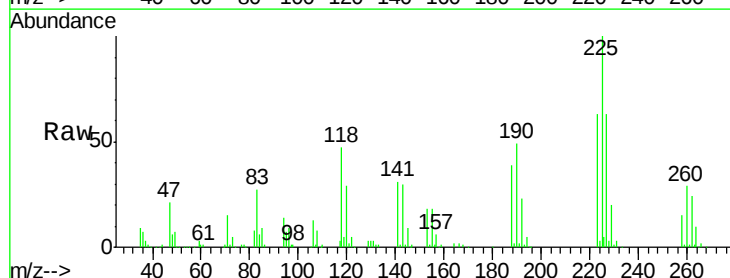
RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

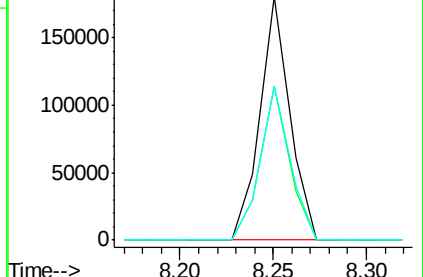
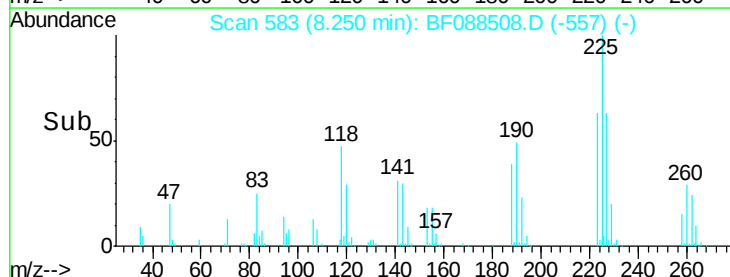
Tgt Ion:	225	Resp:	199357
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	63.5	48.6	73.0

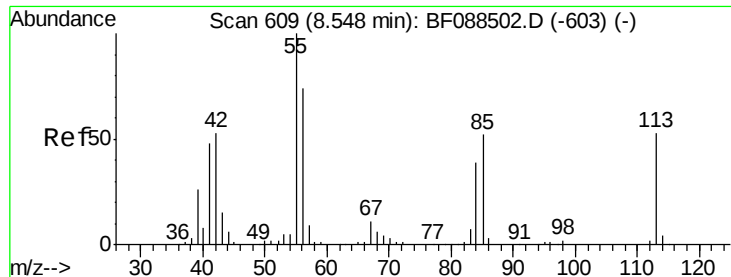


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

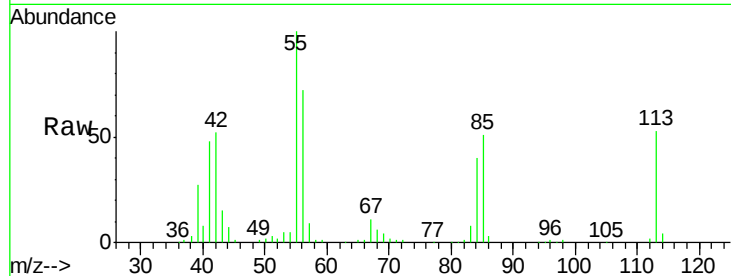




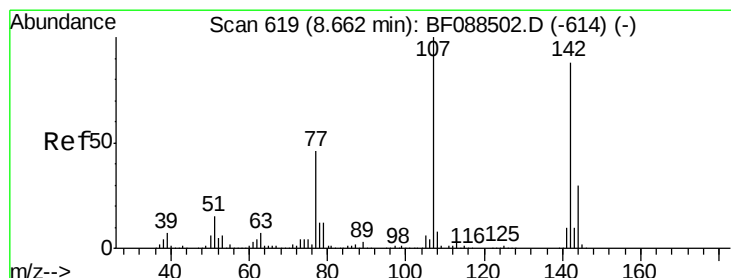
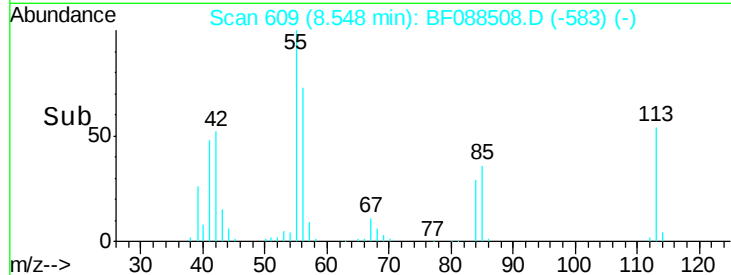
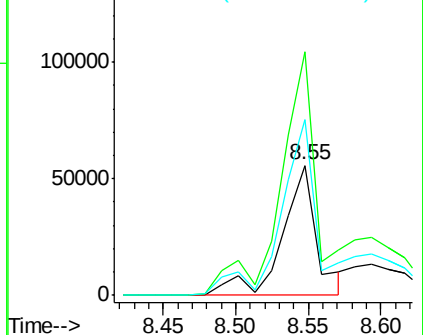
#35
 Caprolactam
 Concen: 32.03 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:113 Resp: 91434
 Ion Ratio Lower Upper
 113 100
 55 187.0 170.2 210.2
 56 135.5 119.7 159.7

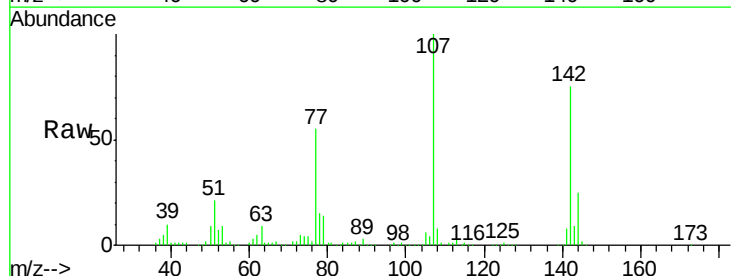


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

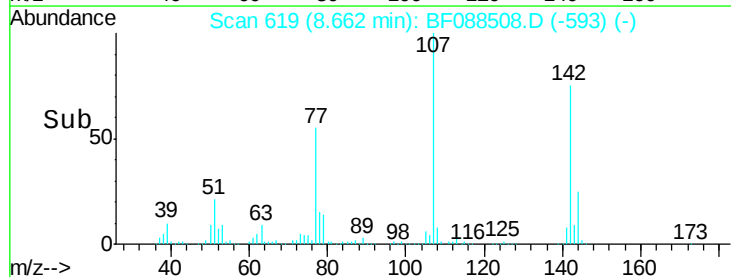
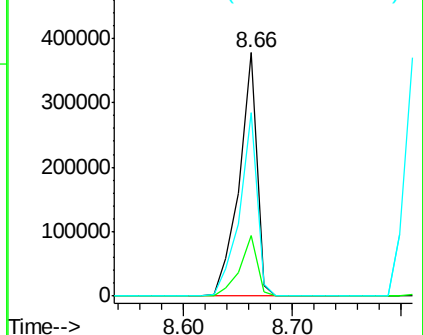


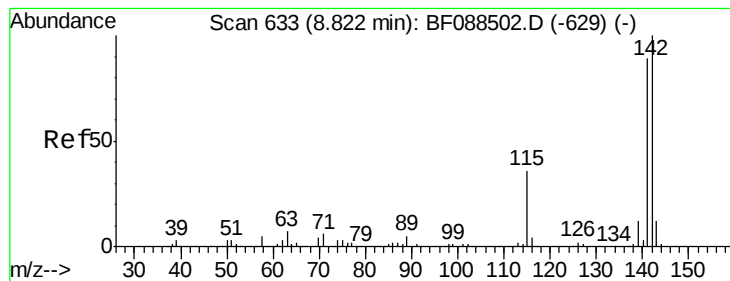
#36
 4-Chloro-3-methylphenol
 Concen: 41.01 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:107 Resp: 425521
 Ion Ratio Lower Upper
 107 100
 144 24.8 23.7 35.5
 142 75.4 70.7 106.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.27 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

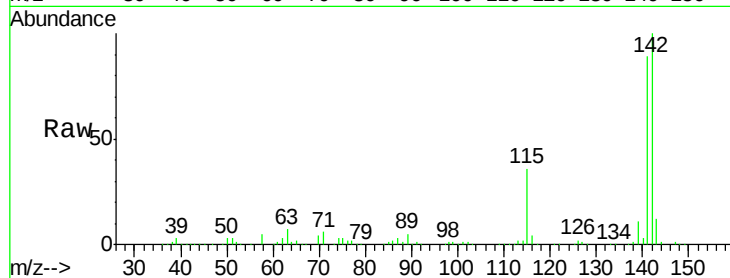
Tgt Ion:142 Resp: 885182

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.4

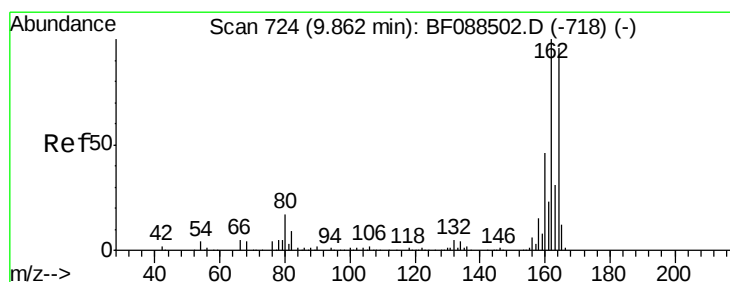
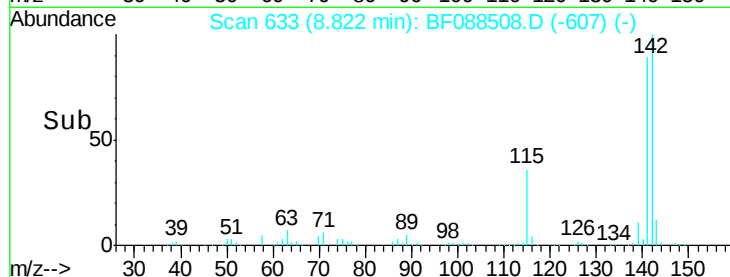
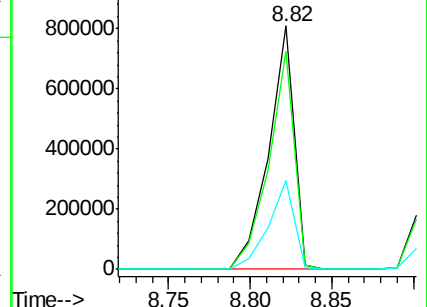
115 36.5 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

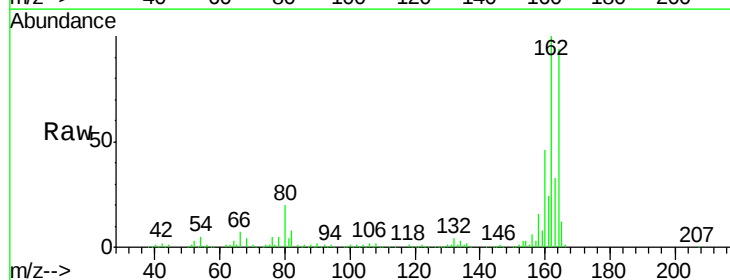
Tgt Ion:164 Resp: 310745

Ion Ratio Lower Upper

164 100

162 106.1 83.7 125.5

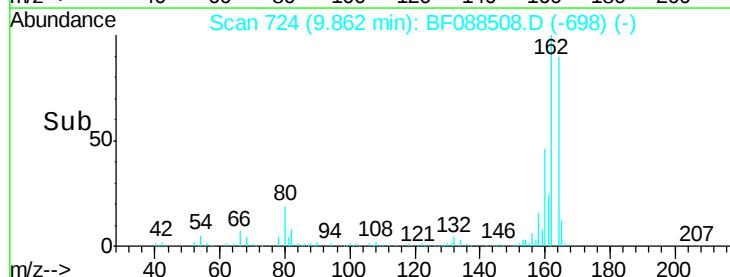
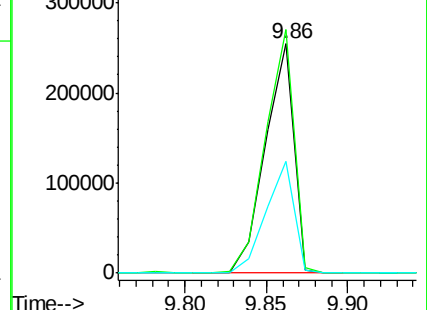
160 48.7 38.9 58.3

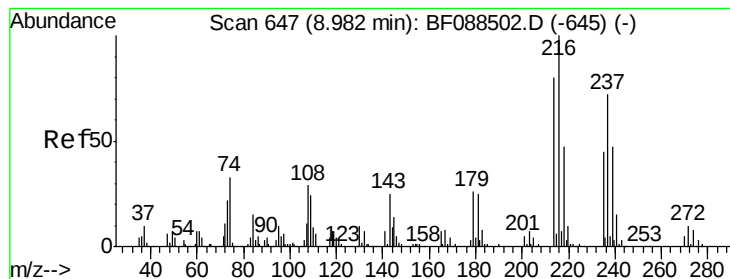


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.03 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

Tgt Ion:216 Resp: 318287

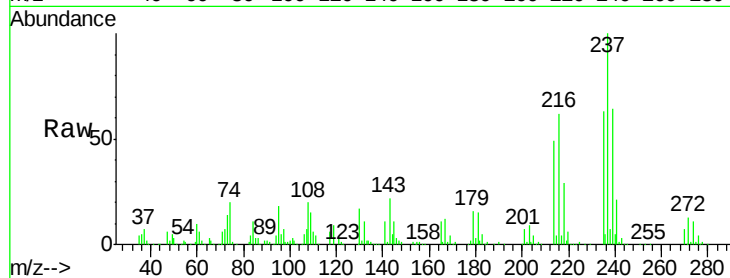
Ion Ratio Lower Upper

216 100

214 79.3 0.0 0.0#

179 22.2 0.0 0.0#

108 24.8 0.0 0.0#

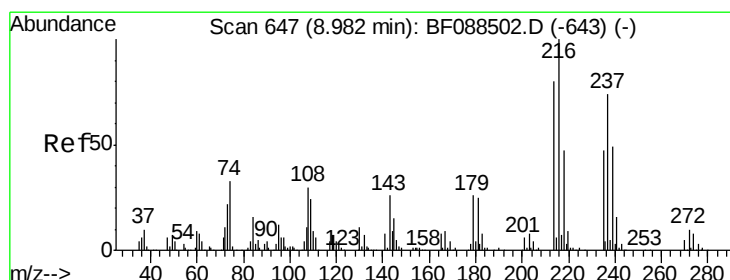
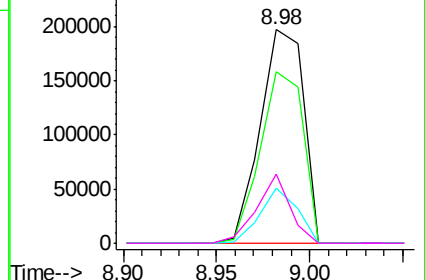
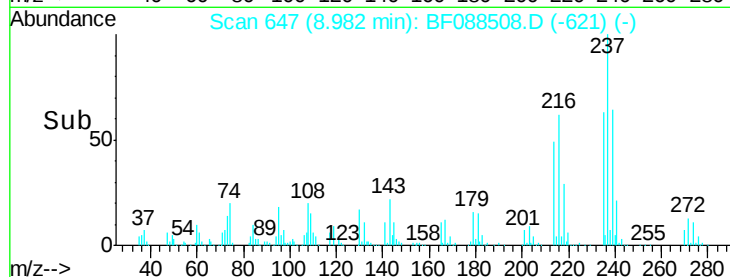


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.66 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

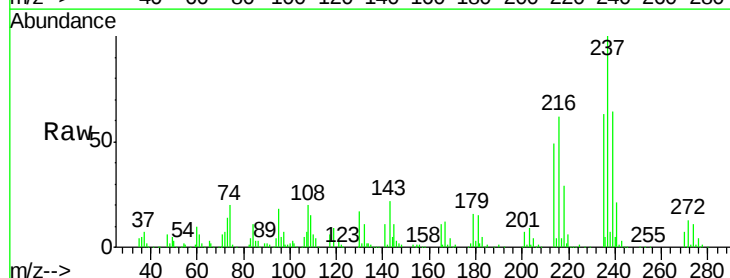
Tgt Ion:237 Resp: 381334

Ion Ratio Lower Upper

237 100

235 62.6 43.0 83.0

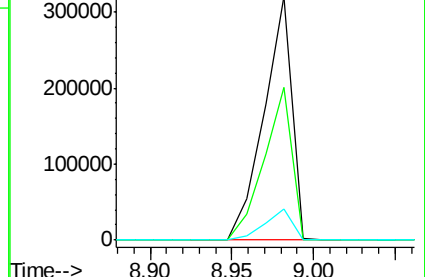
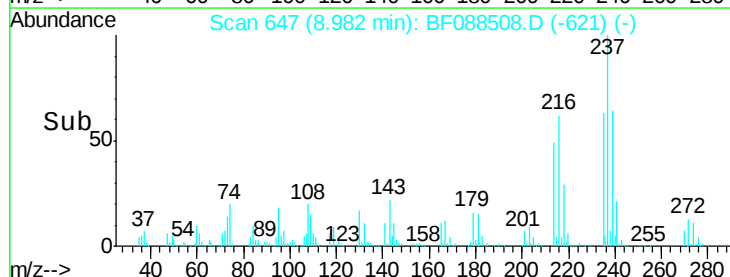
272 13.0 0.0 33.8

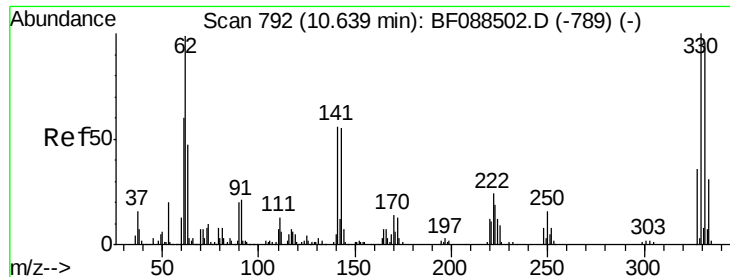


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

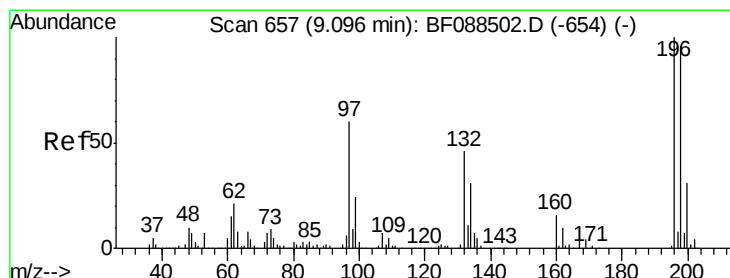
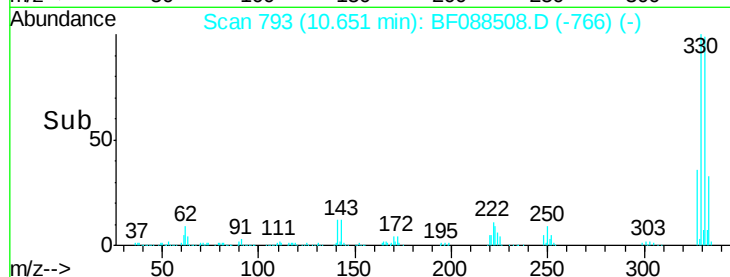
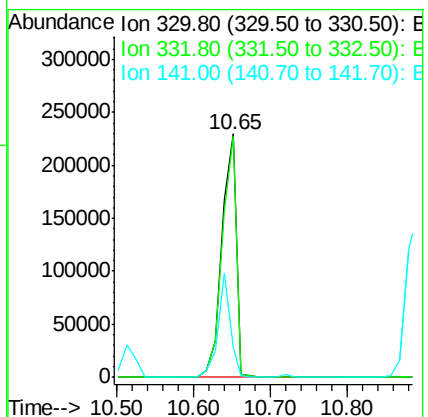
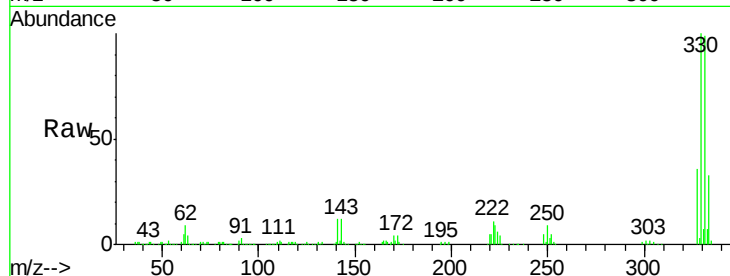




#41
 2,4,6-Tribromophenol
 Concen: 128.43 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

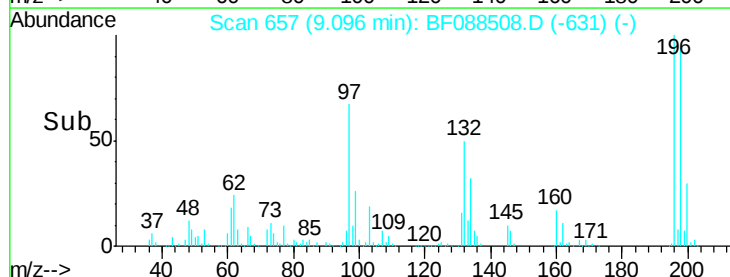
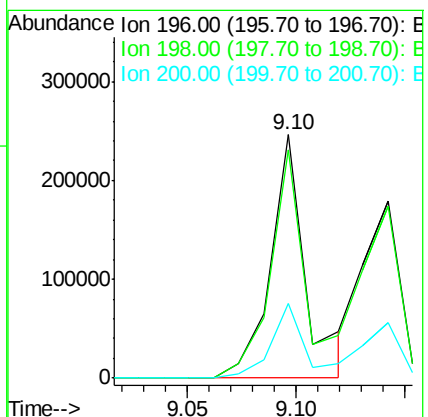
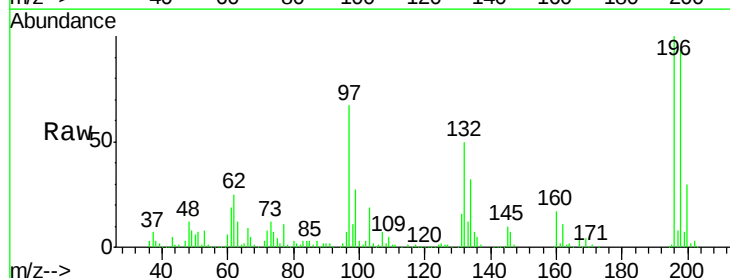
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

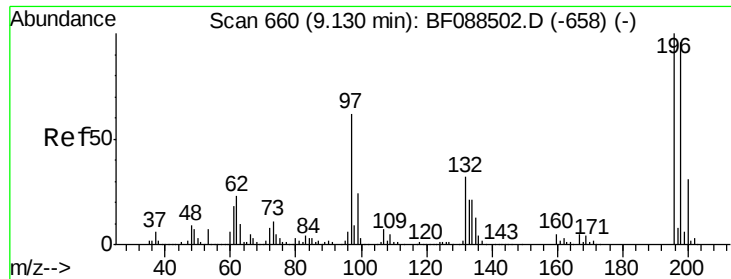
Tgt Ion:330 Resp: 305981
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 35.8 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 45.11 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:196 Resp: 279775
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.9 115.3
 200 30.5 24.6 36.8

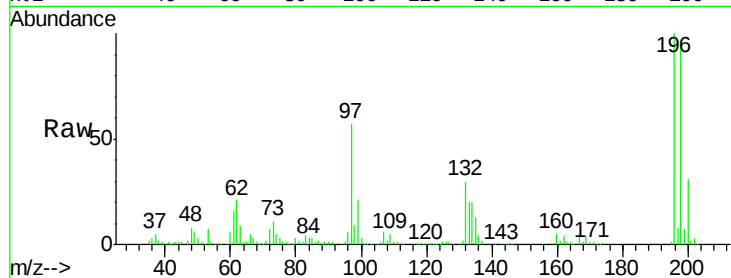




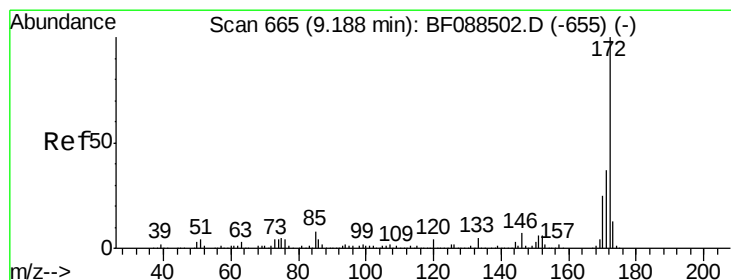
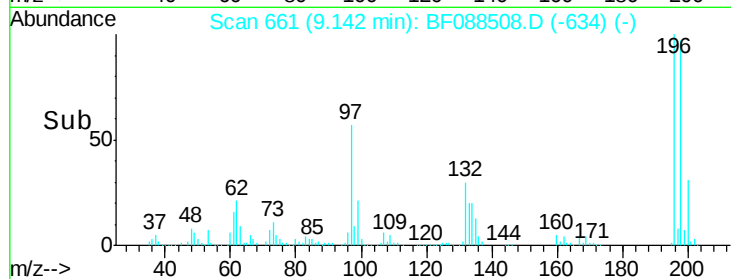
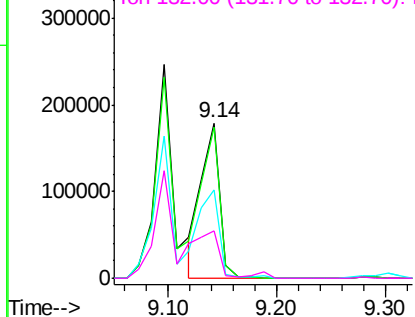
#43
 2,4,5-Trichlorophenol
 Concen: 34.46 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:196 Resp: 213518
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 115.0
 97 56.5 48.7 73.1
 132 30.4 25.5 38.3

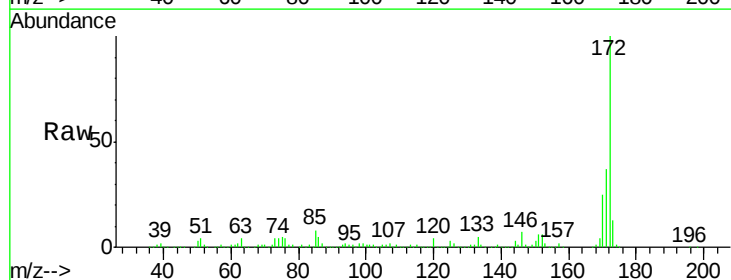


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

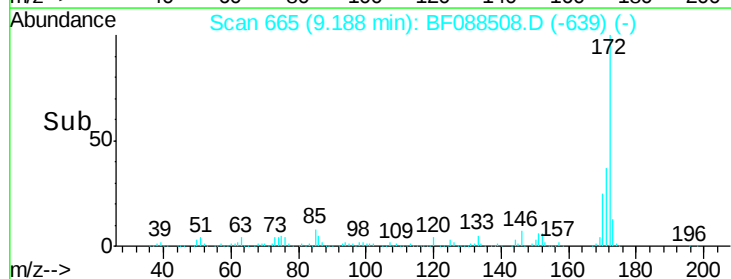
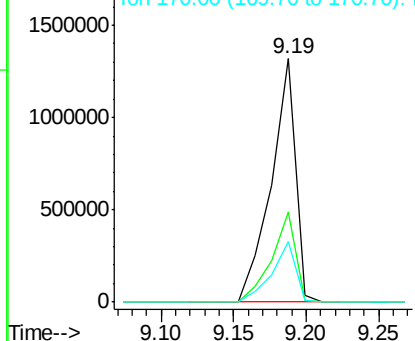


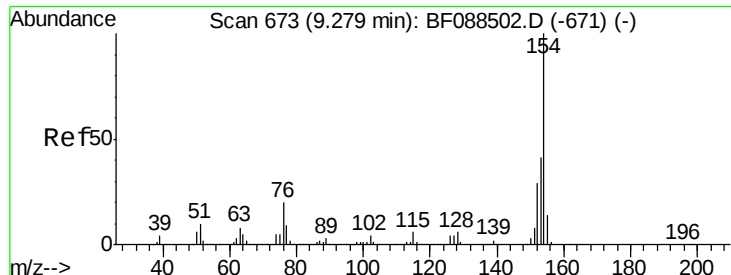
#44
 2-Fluorobiphenyl
 Concen: 77.57 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:172 Resp: 1541556
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 25.0 19.8 29.8



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

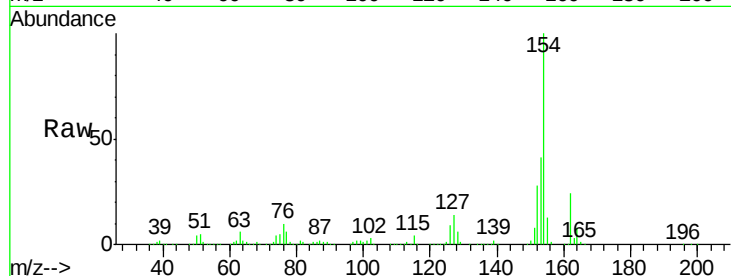




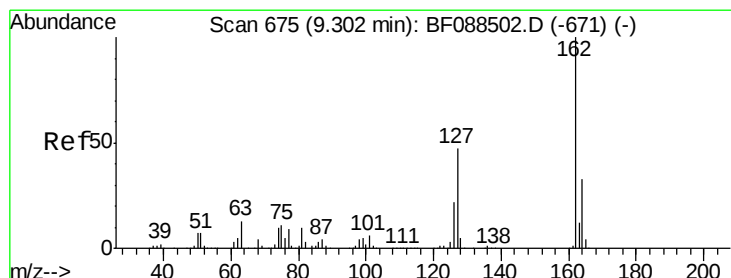
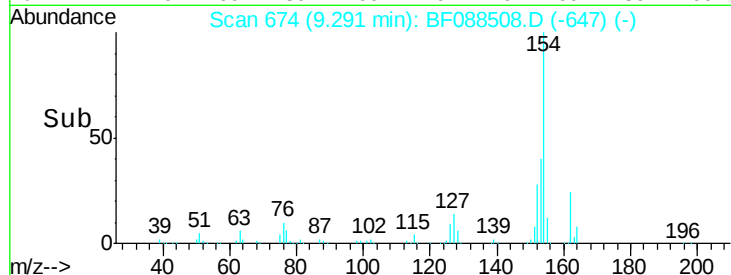
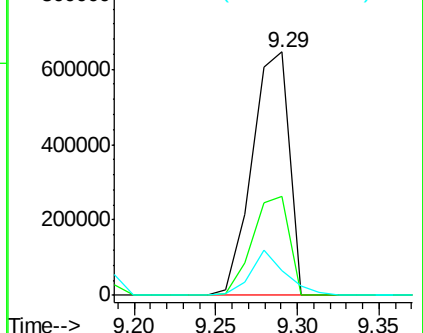
#45
 1,1'-Biphenyl
 Concen: 41.59 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:154 Resp: 1016937
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.8 60.8
 76 10.3 0.0 39.9

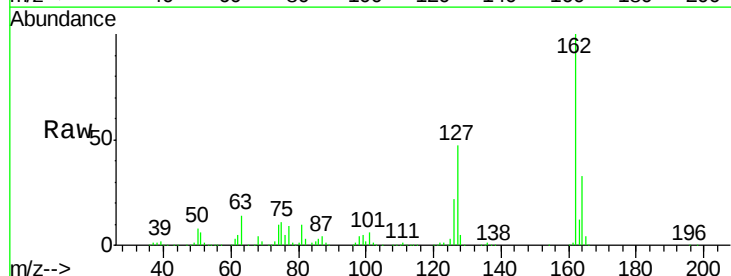


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

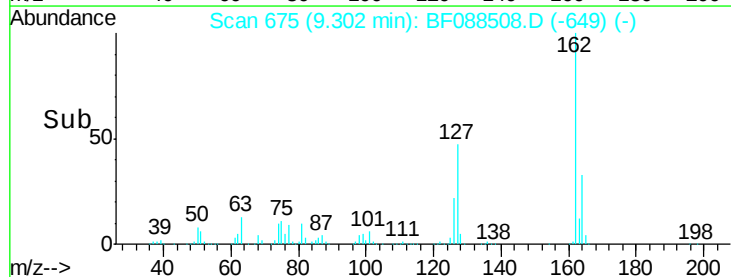
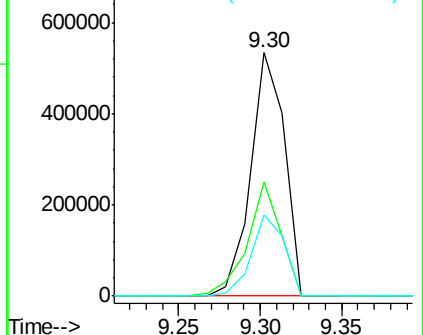


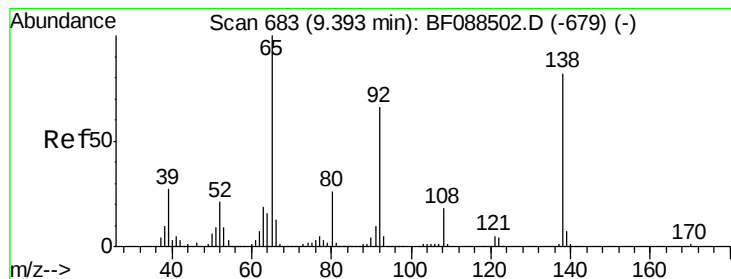
#46
 2-Chloronaphthalene
 Concen: 39.14 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:162 Resp: 764074
 Ion Ratio Lower Upper
 162 100
 127 46.9 37.8 56.8
 164 33.1 26.5 39.7



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: 42.84 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

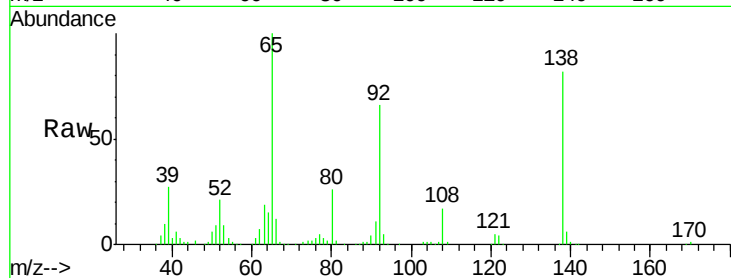
Tgt Ion: 65 Resp: 252798

Ion Ratio Lower Upper

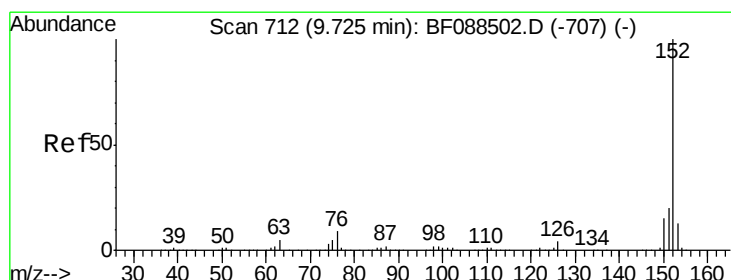
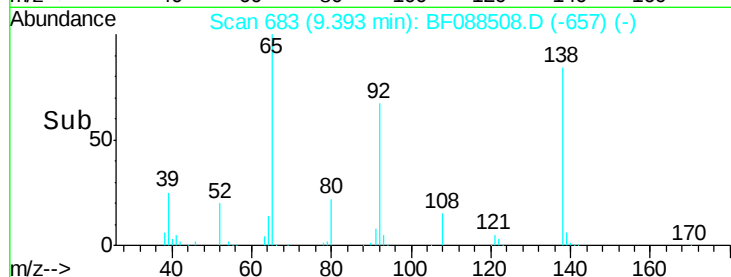
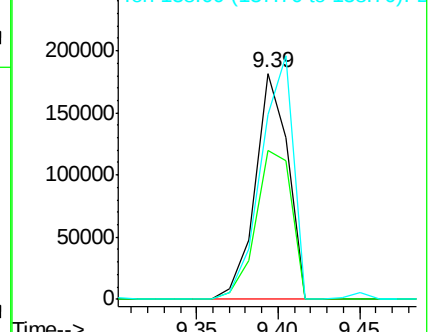
65 100

92 65.6 52.9 79.3

138 81.8 65.8 98.6



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): BF0



#48

Acenaphthylene

Concen: 39.51 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

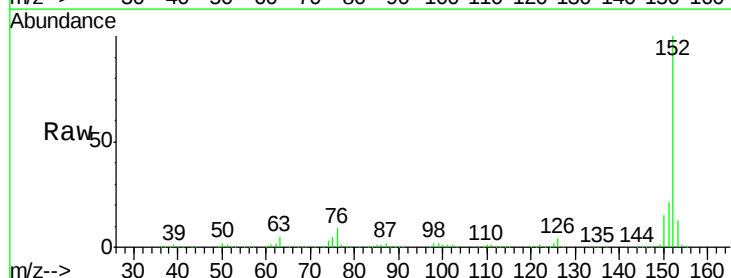
Tgt Ion: 152 Resp: 1295924

Ion Ratio Lower Upper

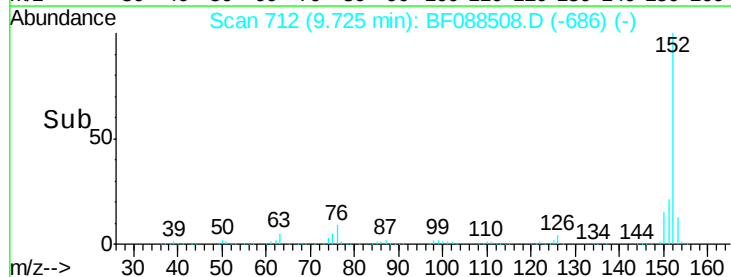
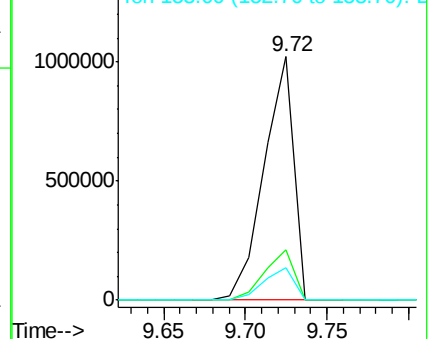
152 100

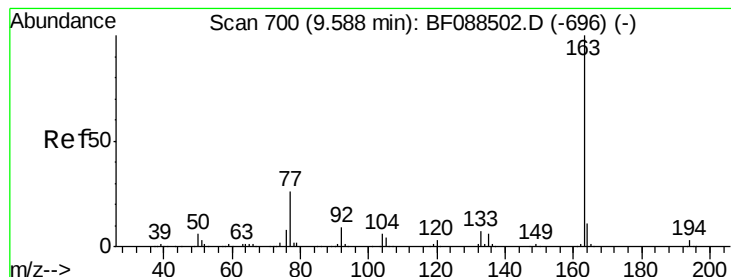
151 20.9 16.1 24.1

153 13.2 10.4 15.6



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: 39.30 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

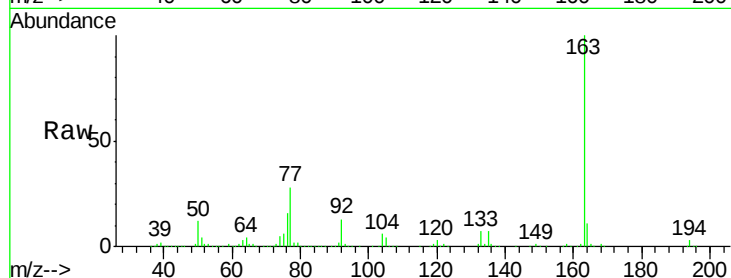
Tgt Ion:163 Resp: 836154

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

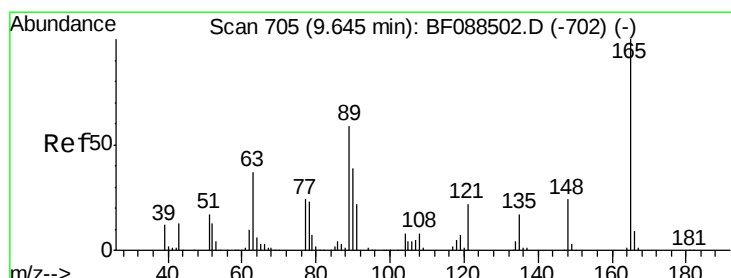
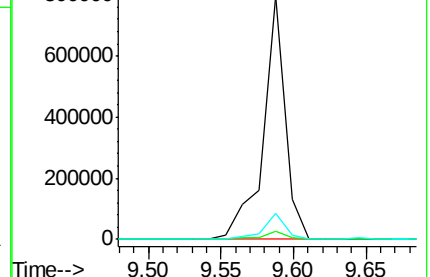
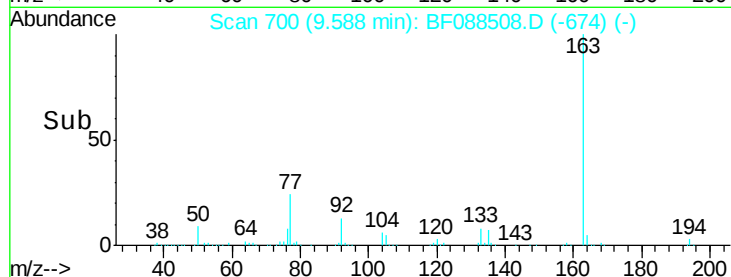
164 10.7 8.5 12.7



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: 45.69 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

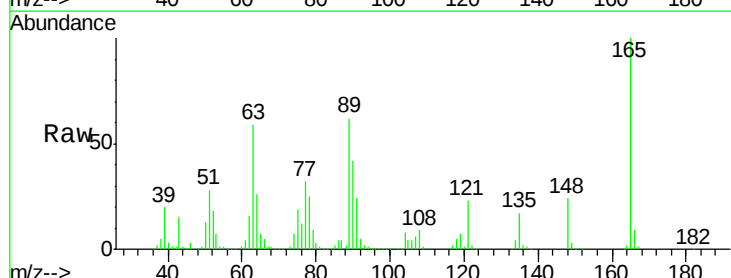
Tgt Ion:165 Resp: 213407

Ion Ratio Lower Upper

165 100

63 58.7 45.0 67.4

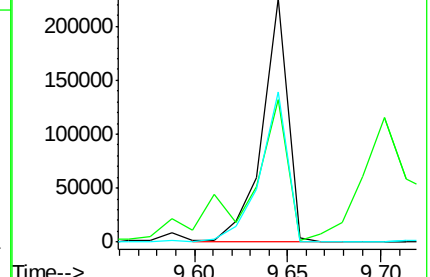
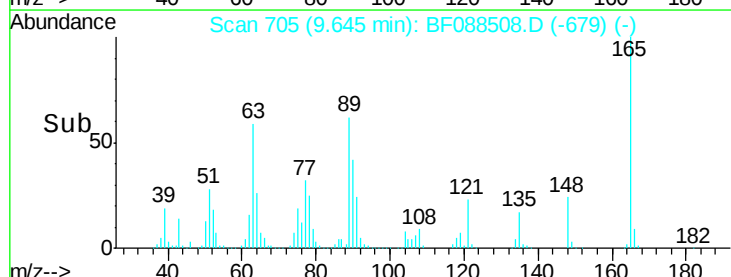
89 61.9 47.8 71.6

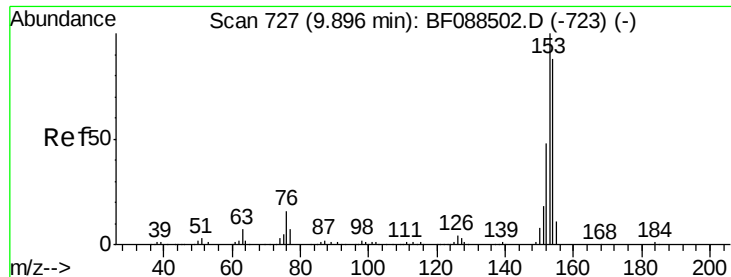


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.43 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

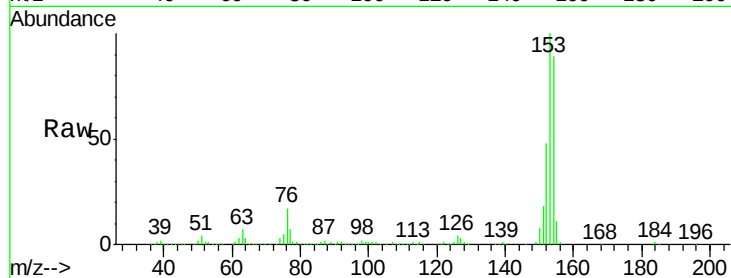
Tgt Ion:154 Resp: 819240

Ion Ratio Lower Upper

154 100

153 111.8 91.0 136.6

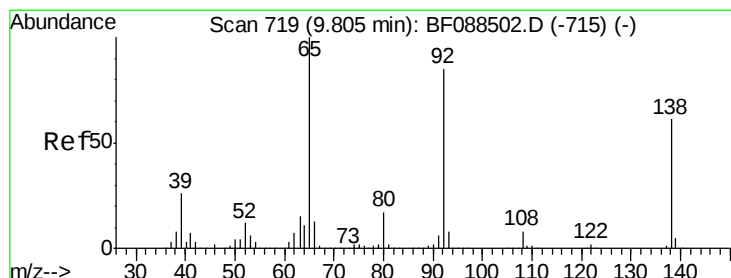
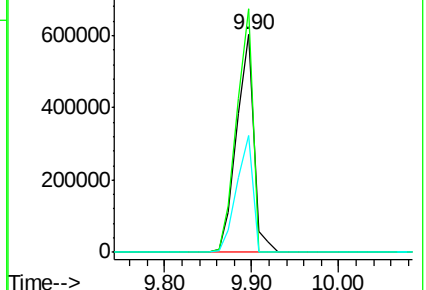
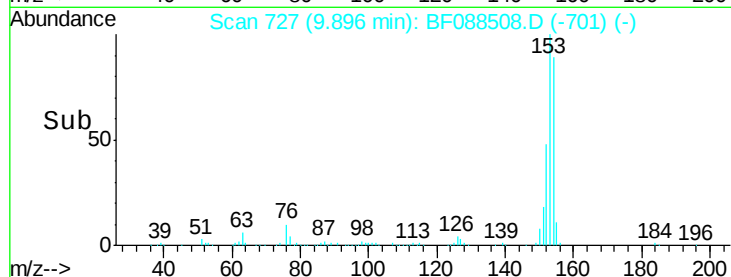
152 53.6 43.9 65.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.34 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

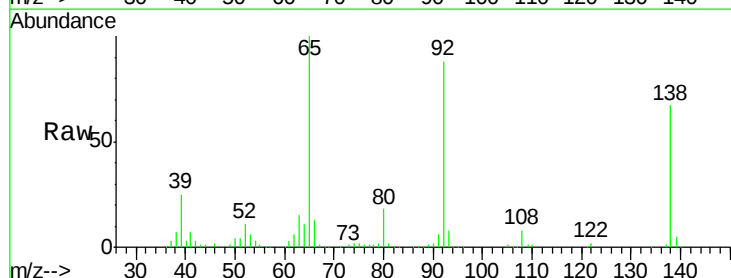
Tgt Ion:138 Resp: 118665

Ion Ratio Lower Upper

138 100

108 11.5 10.2 15.4

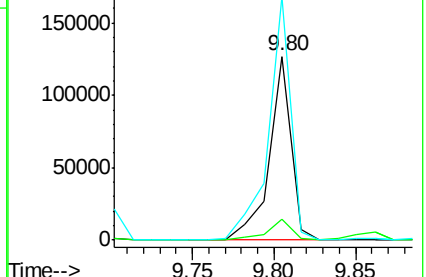
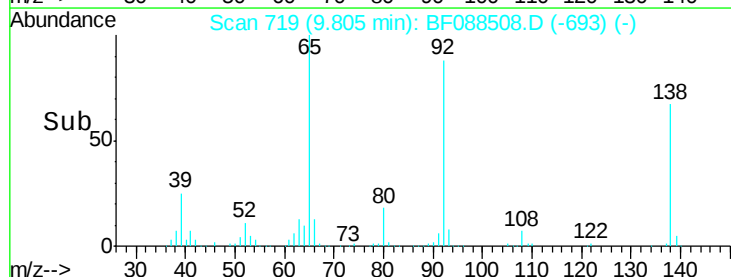
92 132.3 111.6 167.4

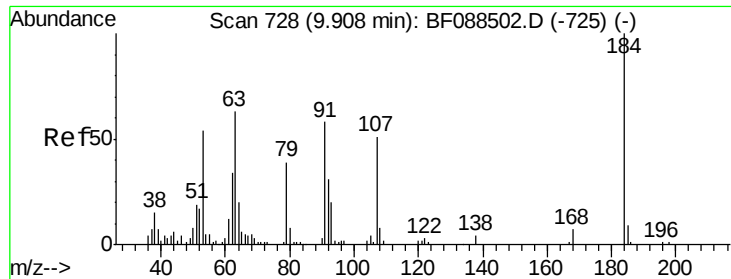


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

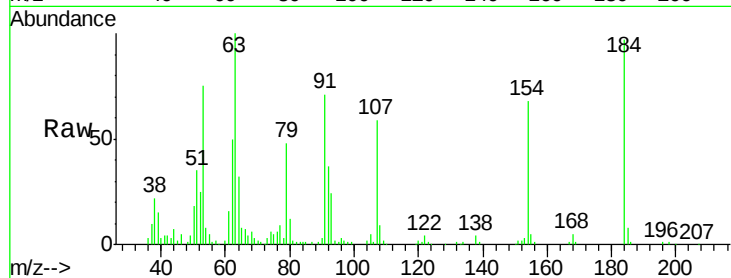




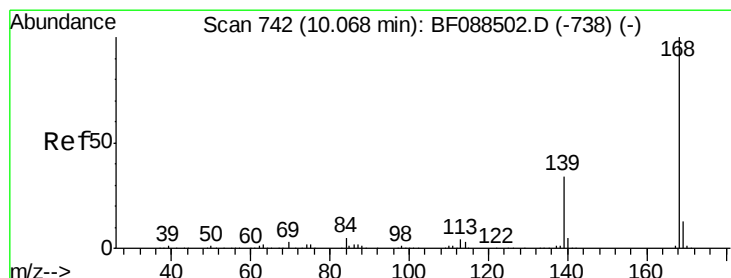
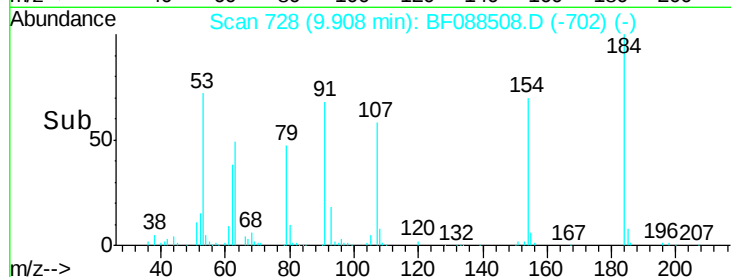
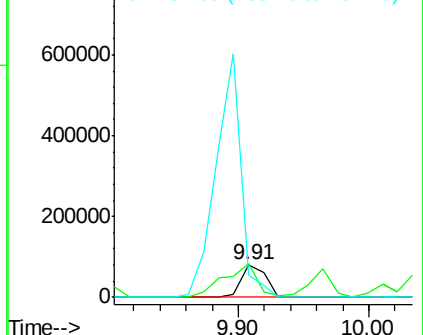
#53
2,4-Dinitrophenol
Concen: 140.78 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion:184 Resp: 104760
Ion Ratio Lower Upper
184 100
63 103.2 60.0 90.0#
154 70.1 56.1 84.1

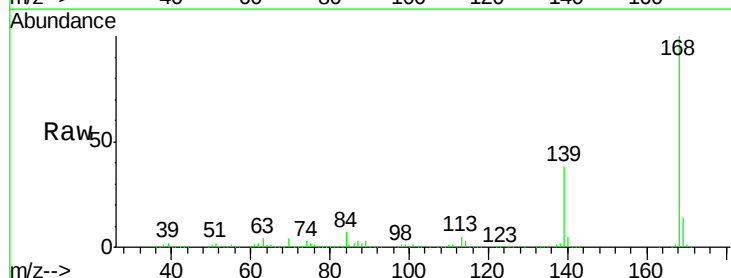


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

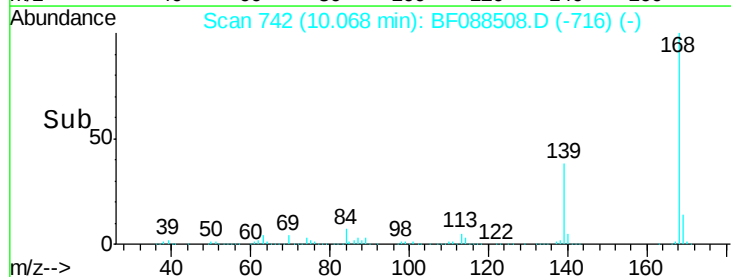
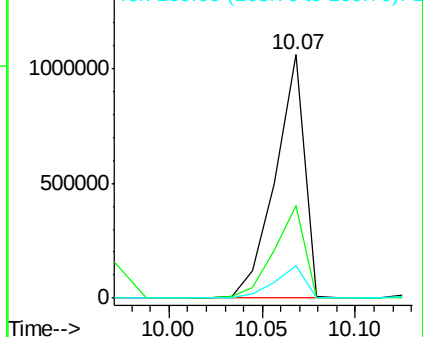


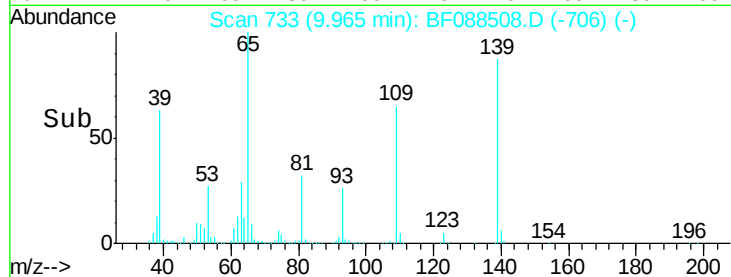
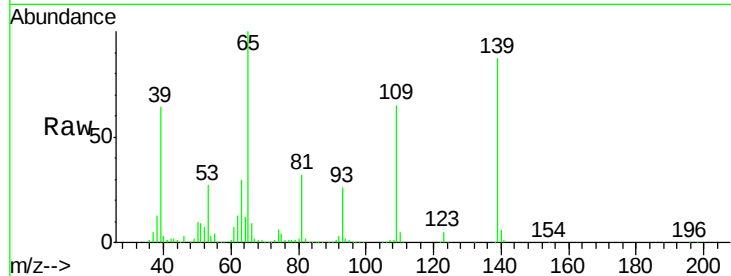
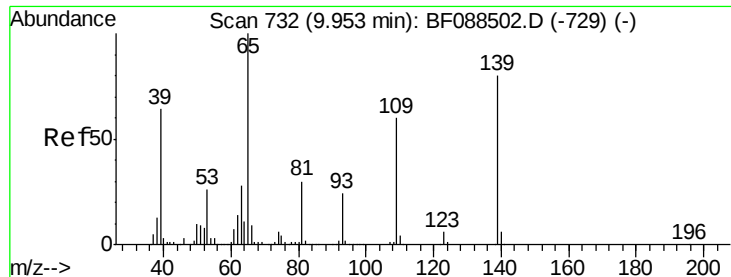
#54
Dibenzofuran
Concen: 40.87 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:168 Resp: 1164877
Ion Ratio Lower Upper
168 100
139 37.8 27.1 40.7
169 13.5 10.6 16.0



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

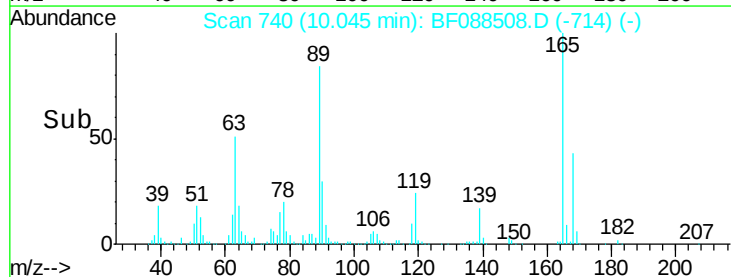
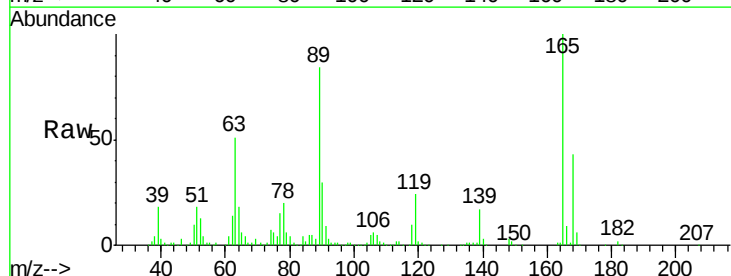
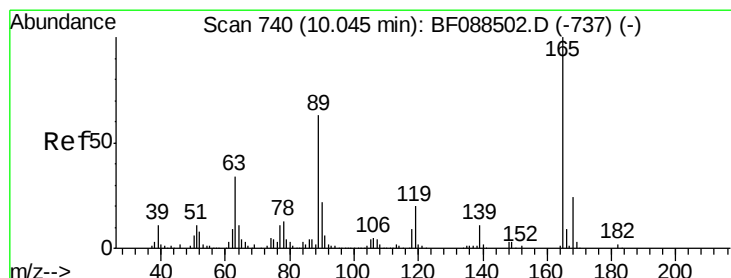
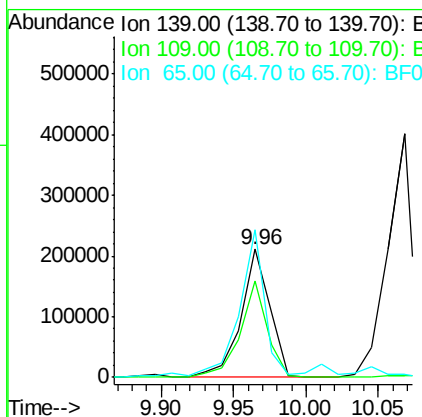




#55
4-Nitrophenol
Concen: 80.61 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

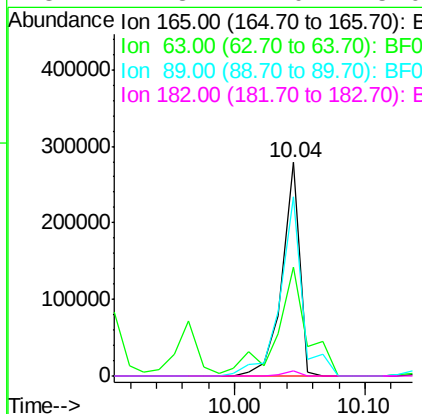
Instrument :
BNA_F
ClientSampleId :
PB91573BS

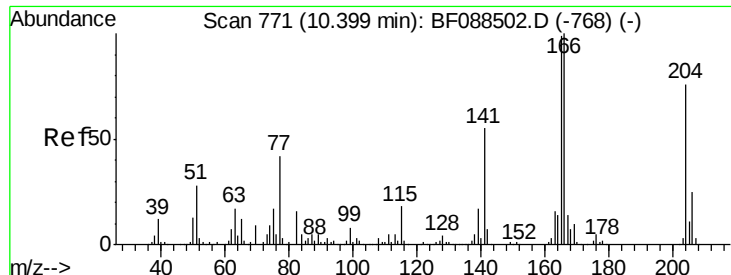
Tgt Ion:139 Resp: 293318
Ion Ratio Lower Upper
139 100
109 75.3 56.1 96.1
65 115.6 105.9 145.9



#56
2,4-Dinitrotoluene
Concen: 45.36 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:165 Resp: 264936
Ion Ratio Lower Upper
165 100
63 51.0 27.3 40.9#
89 83.6 50.4 75.6#
182 2.3 2.0 3.0

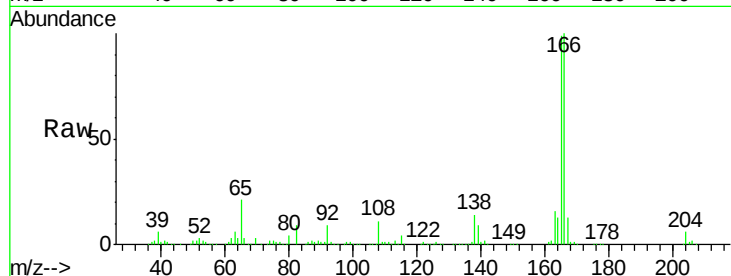




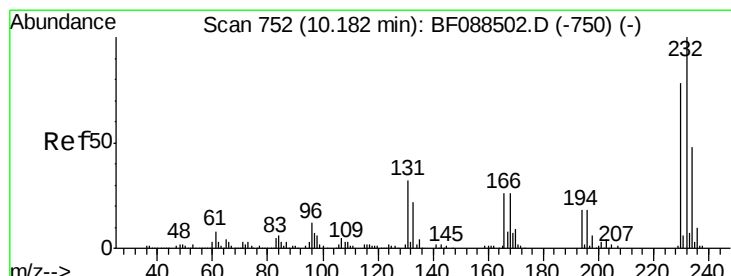
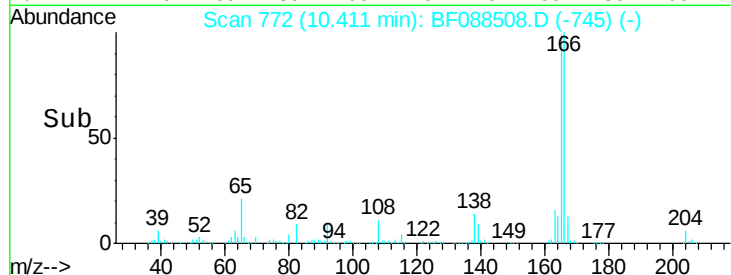
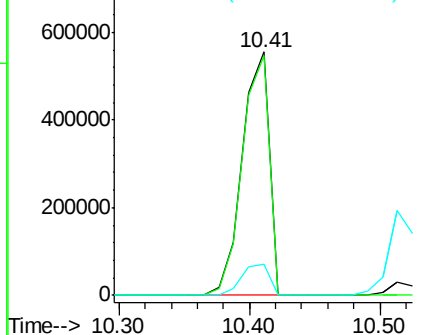
#57
 Fluorene
 Concen: 43.24 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:166 Resp: 795519
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.0 118.6
 167 12.9 11.3 16.9

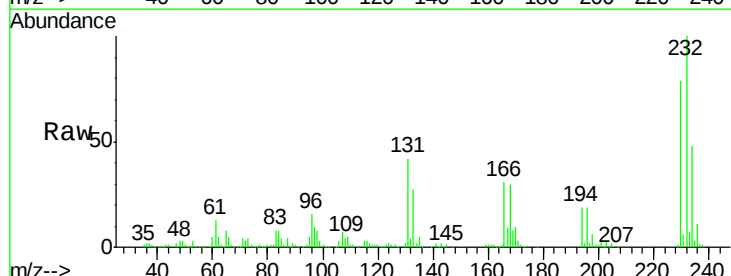


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

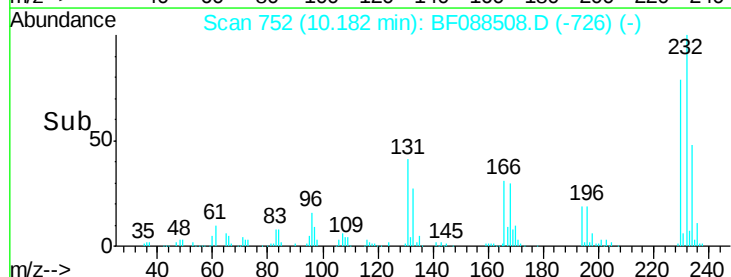
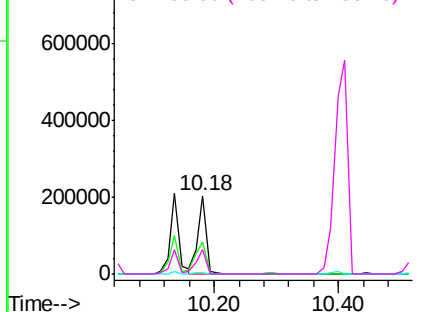


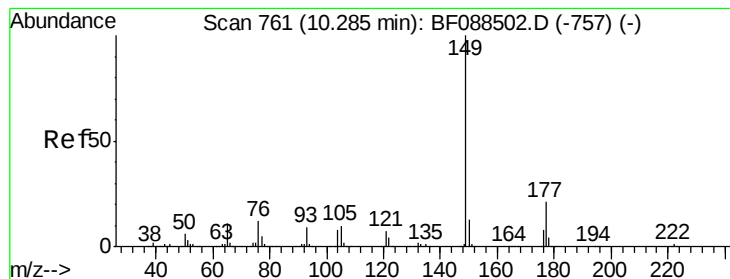
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.75 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:232 Resp: 194640
 Ion Ratio Lower Upper
 232 100
 131 50.3 40.1 60.1
 130 2.5 2.2 3.4
 166 33.7 24.4 36.6



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.64 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

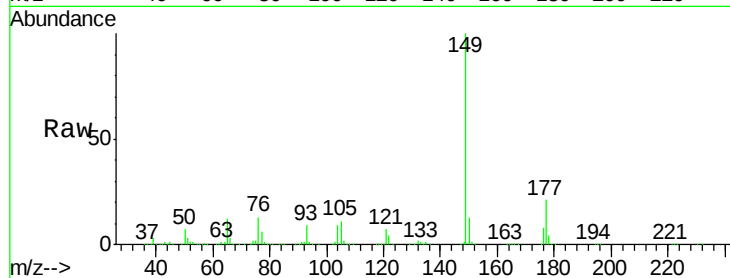
Tgt Ion:149 Resp: 881045

Ion Ratio Lower Upper

149 100

177 20.6 16.8 25.2

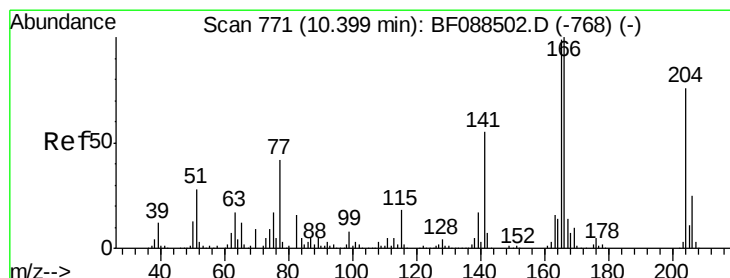
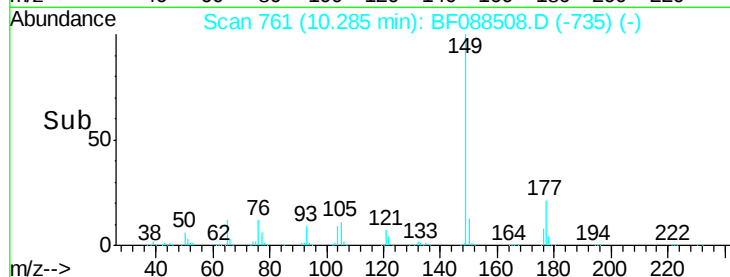
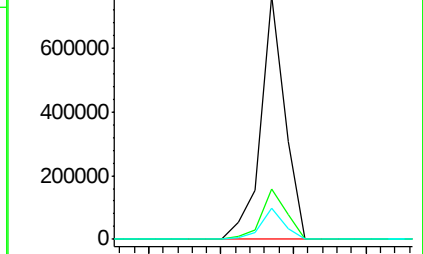
150 12.8 10.3 15.5



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



#60

4-Chlorophenyl-phenylether

Concen: 38.28 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

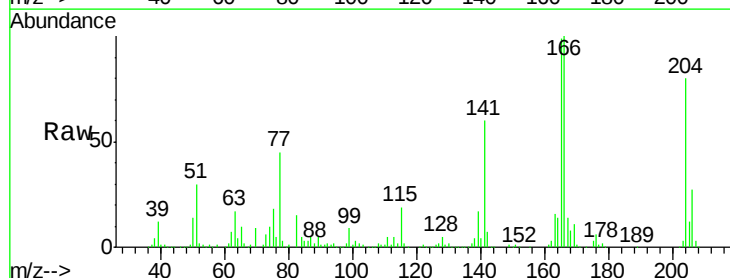
Tgt Ion:204 Resp: 332515

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.4

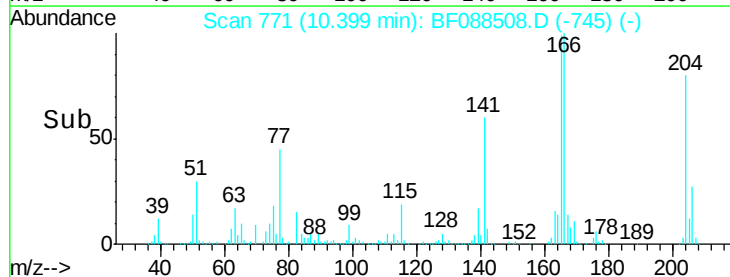
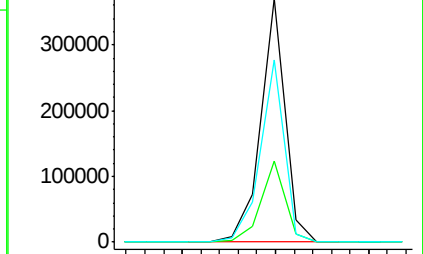
141 74.6 58.4 87.6

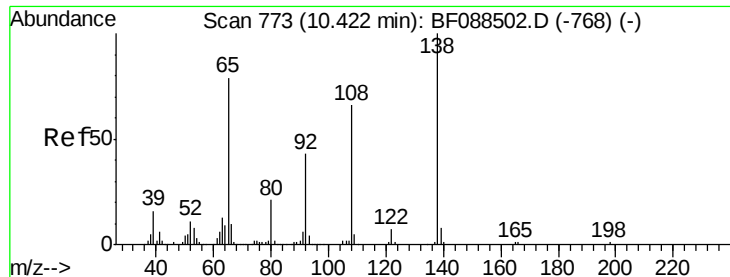


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

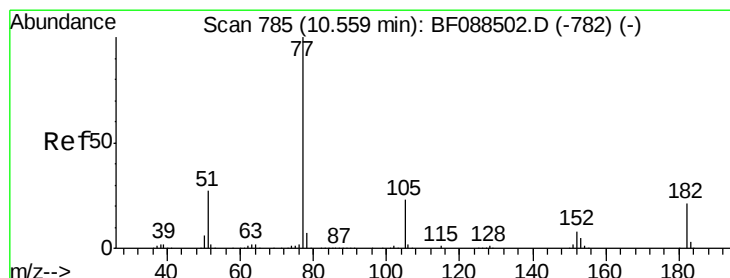
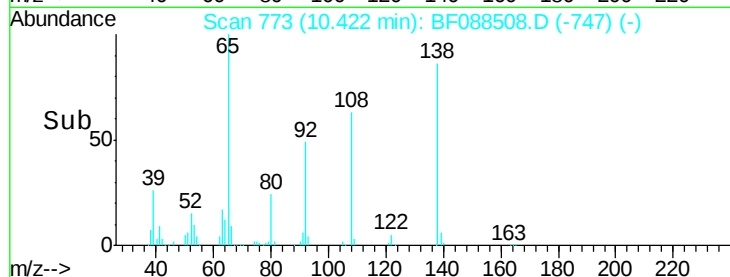
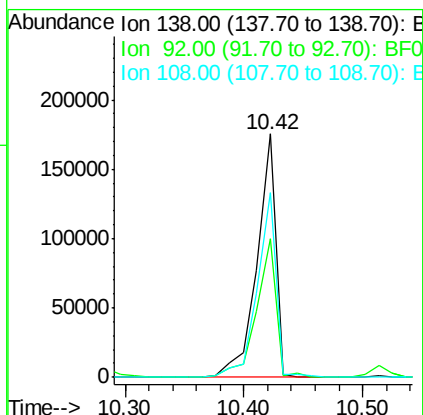
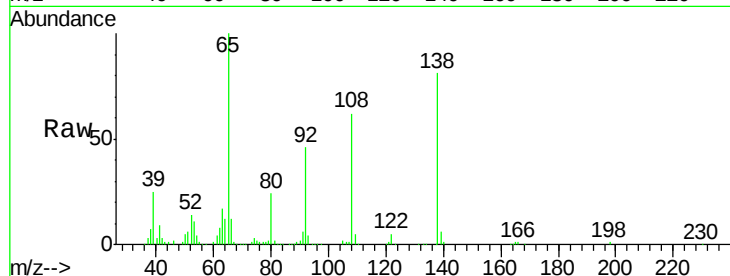




#61
4-Nitroaniline
Concen: 43.58 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

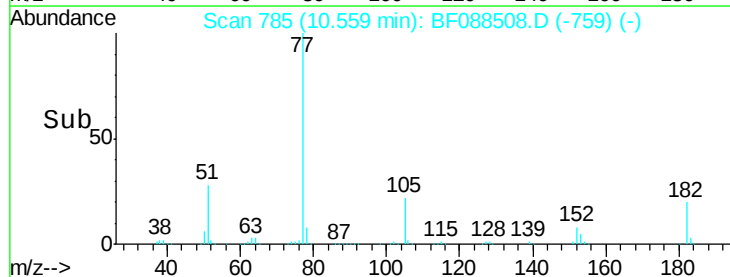
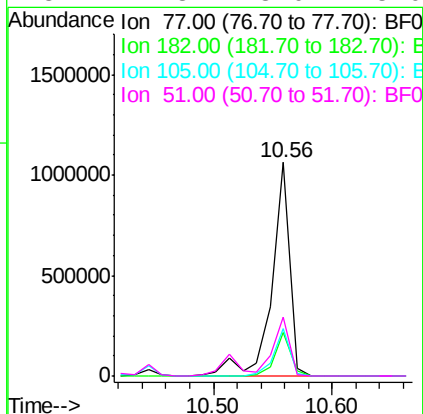
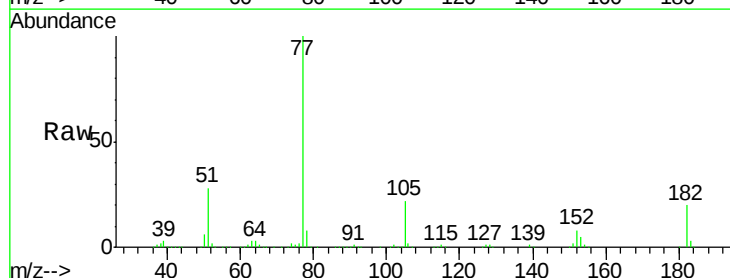
Instrument :
BNA_F
ClientSampleId :
PB91573BS

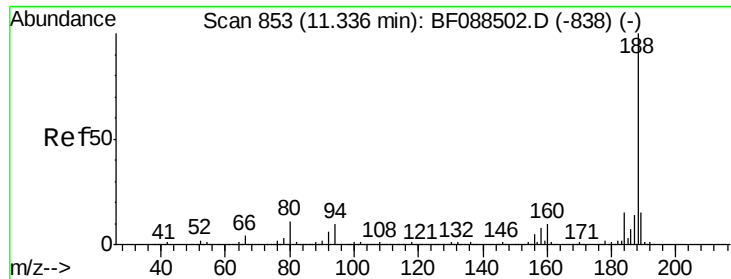
Tgt Ion:138 Resp: 196149
Ion Ratio Lower Upper
138 100
92 56.8 23.4 63.4
108 76.0 45.9 85.9



#62
Azobenzene
Concen: 39.10 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion: 77 Resp: 1130407
Ion Ratio Lower Upper
77 100
182 20.1 0.6 40.6
105 22.0 2.3 42.3
51 27.8 8.0 48.0

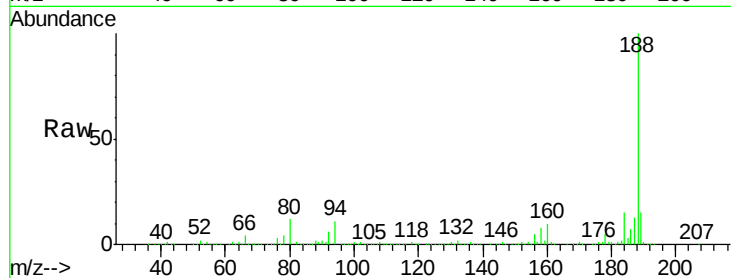




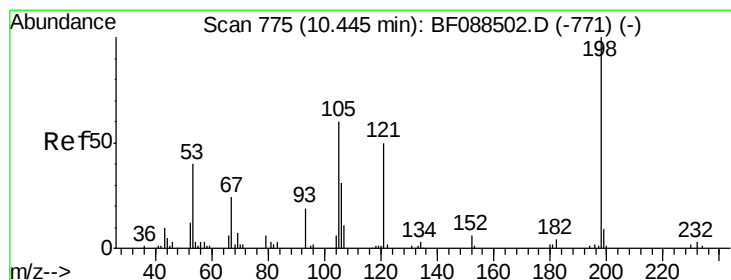
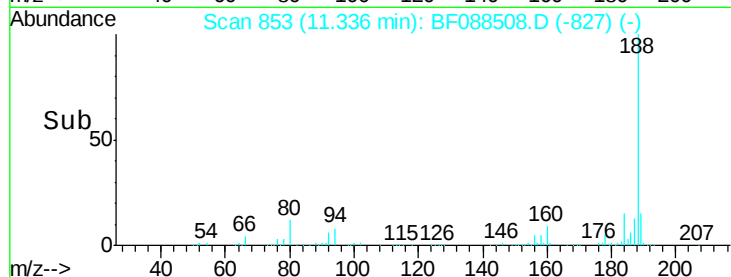
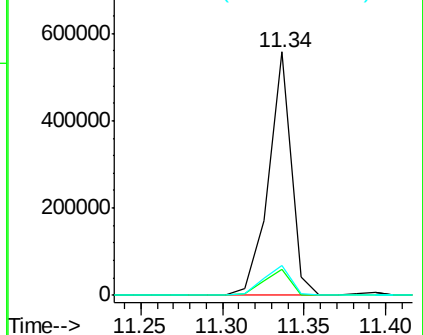
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Tgt Ion:188 Resp: 540964
Ion Ratio Lower Upper
188 100
94 10.8 7.8 11.8
80 12.0 8.7 13.1

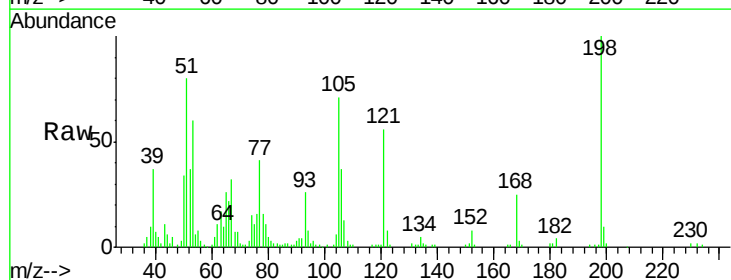


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

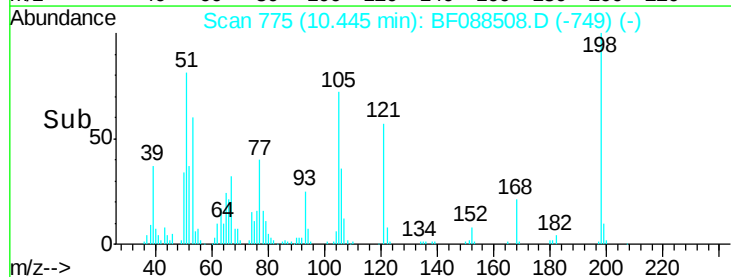
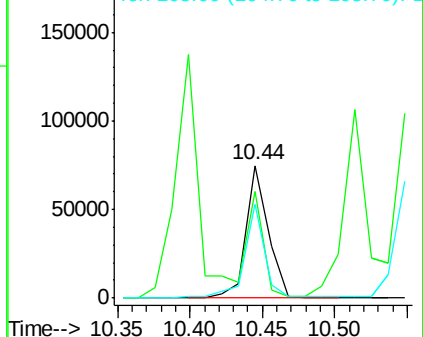


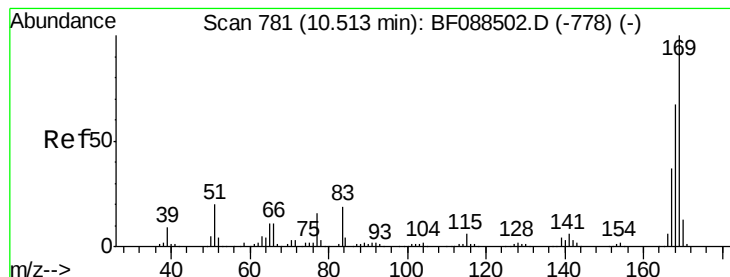
#64
4,6-Dinitro-2-methylphenol
Concen: 47.52 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:198 Resp: 79238
Ion Ratio Lower Upper
198 100
51 80.2 42.4 82.4
105 71.3 41.2 81.2



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

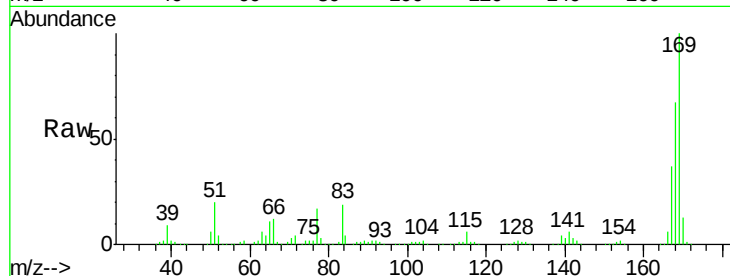




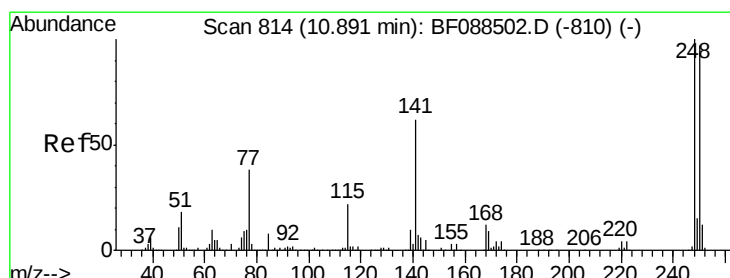
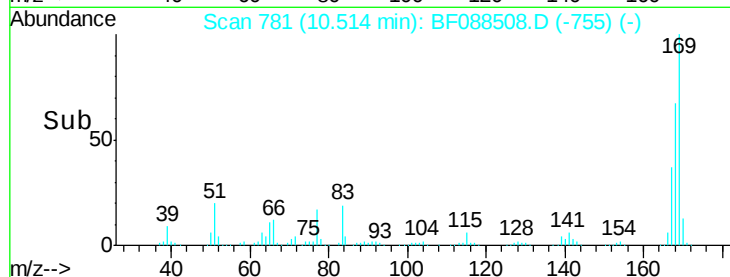
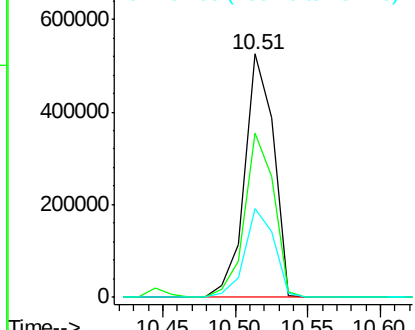
#65
 n-Nitrosodiphenylamine
 Concen: 37.45 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:169 Resp: 725430
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.3 79.9
 167 36.7 29.7 44.5

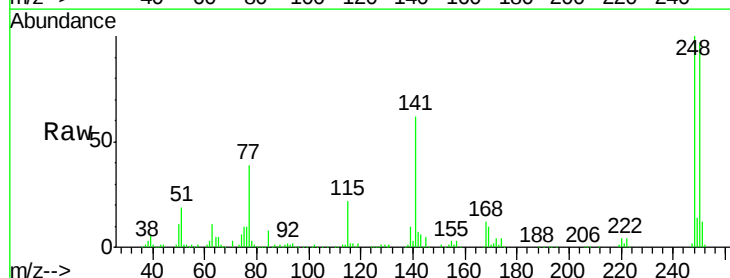


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

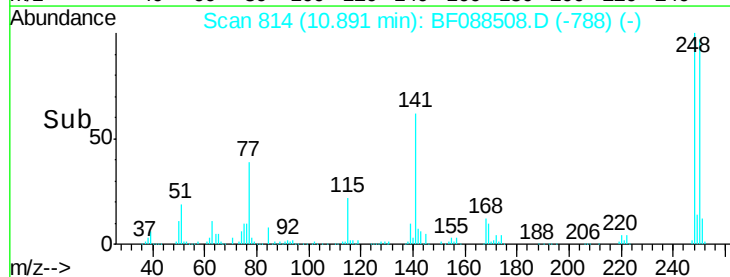
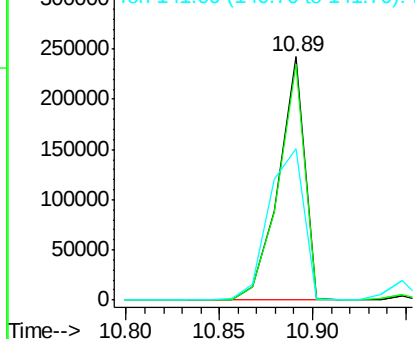


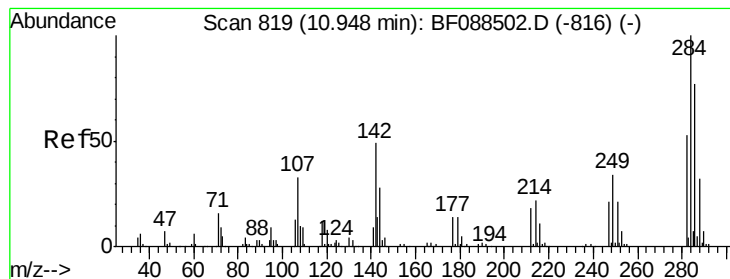
#66
 4-Bromophenyl-phenylether
 Concen: 40.64 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:248 Resp: 237814
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.7 116.5
 141 62.1 49.2 73.8



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





#67

Hexachlorobenzene

Concen: 37.50 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

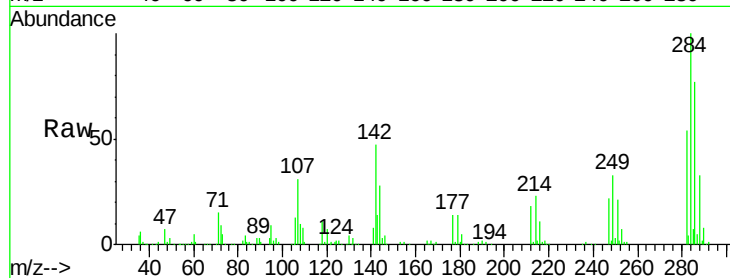
Tgt Ion:284 Resp: 223137

Ion Ratio Lower Upper

284 100

142 47.2 39.0 58.4

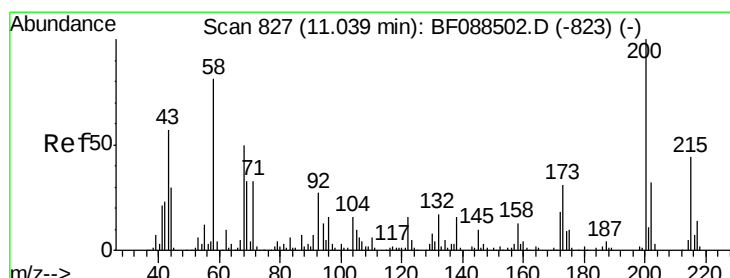
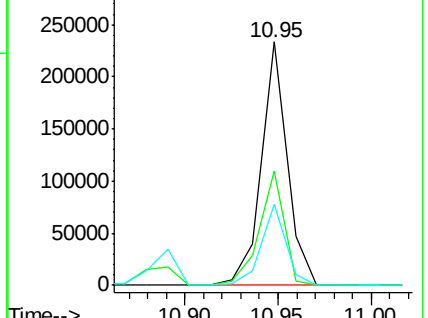
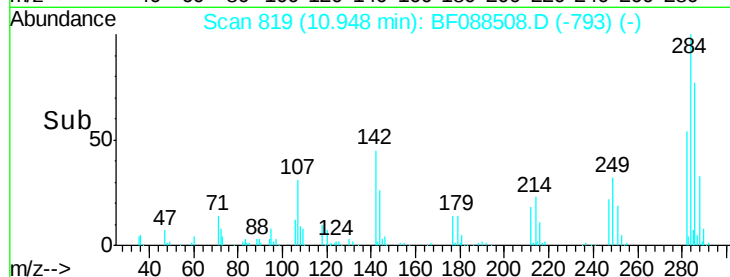
249 33.5 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.96 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

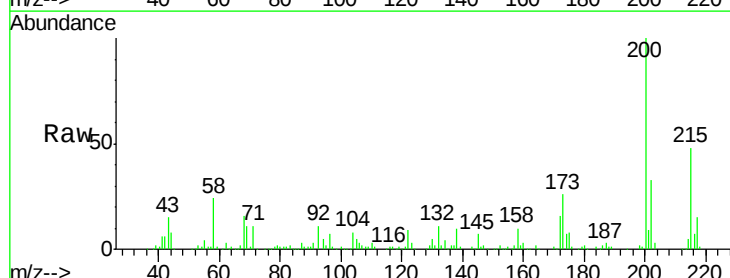
Tgt Ion:200 Resp: 240423

Ion Ratio Lower Upper

200 100

173 26.4 11.0 51.0

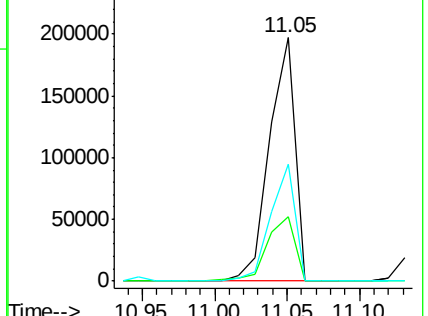
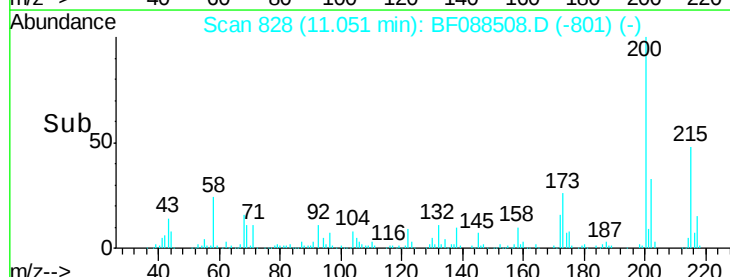
215 48.0 24.1 64.1

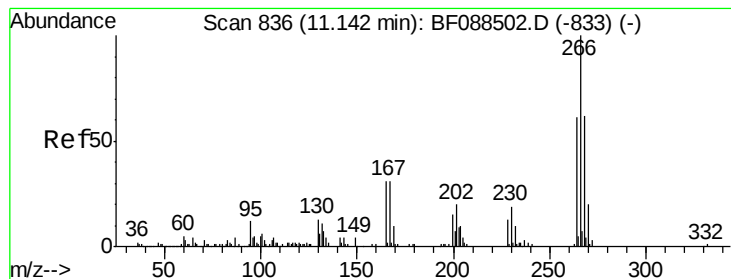


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 79.27 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

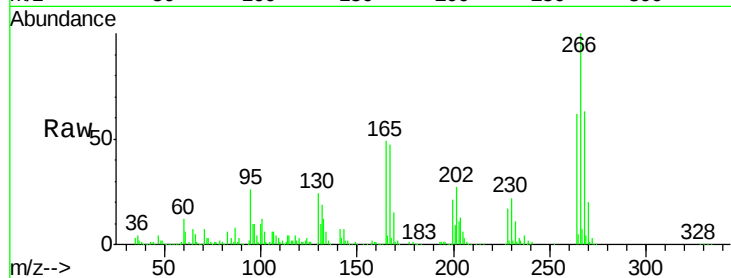
Tgt Ion:266 Resp: 245324

Ion Ratio Lower Upper

266 100

268 62.9 49.4 74.2

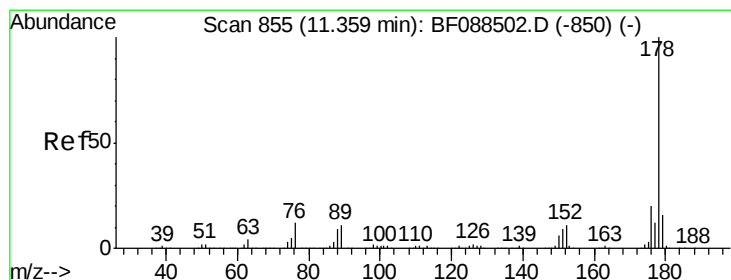
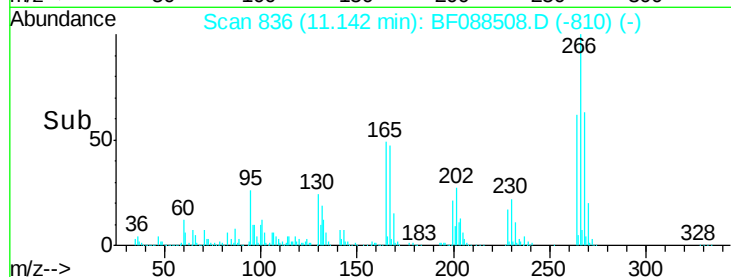
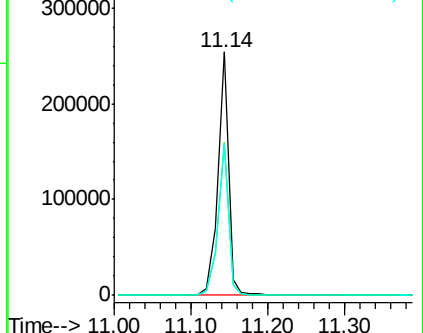
264 62.4 49.0 73.4



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: 38.24 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

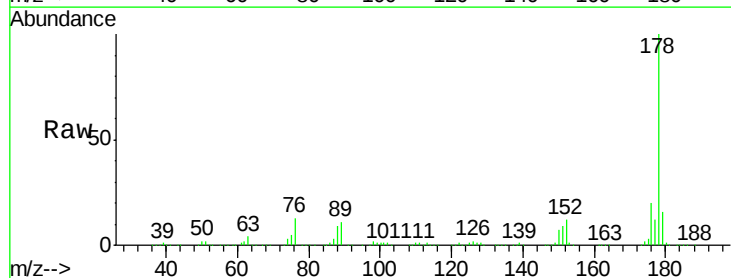
Tgt Ion:178 Resp: 1073606

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

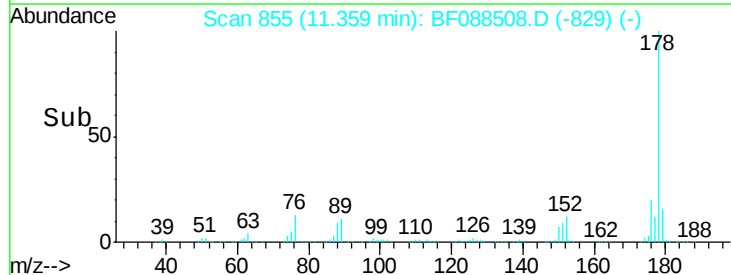
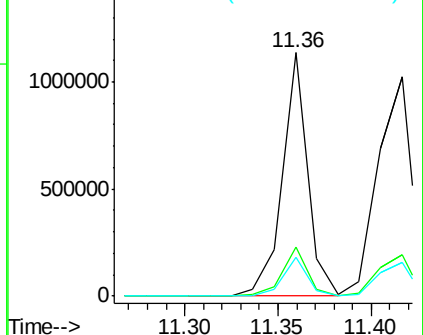
179 16.0 12.8 19.2

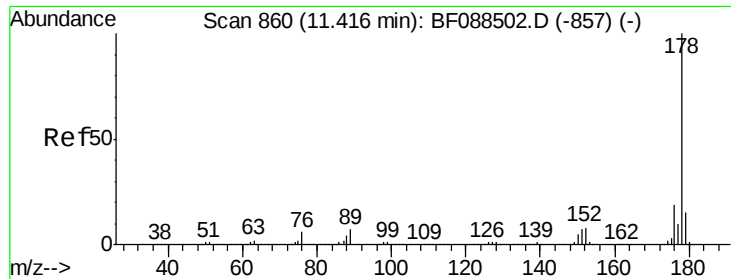


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

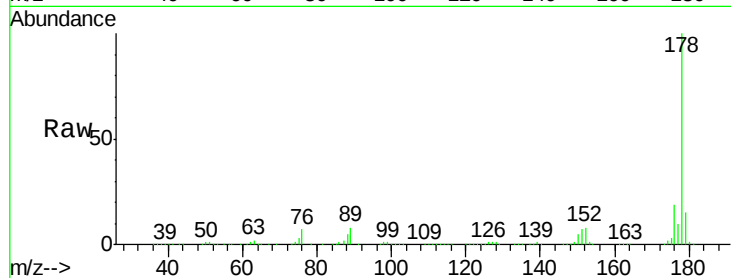




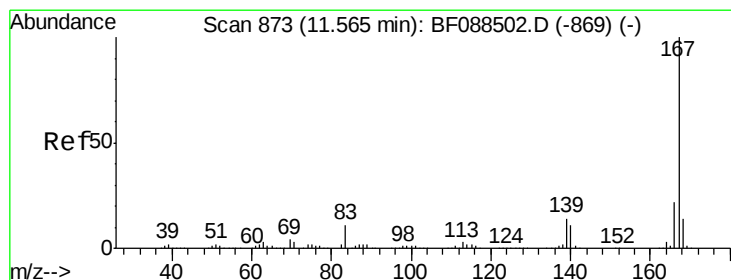
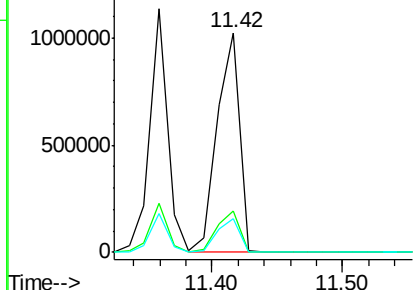
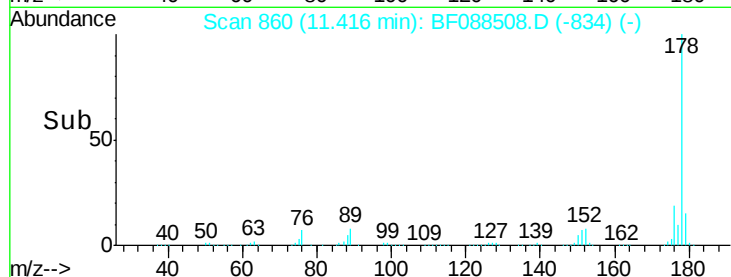
#71
 Anthracene
 Concen: 41.65 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

Tgt Ion:178 Resp: 1226260
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.3 12.3 18.5

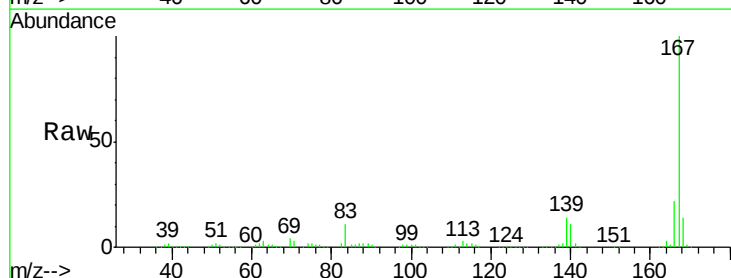


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

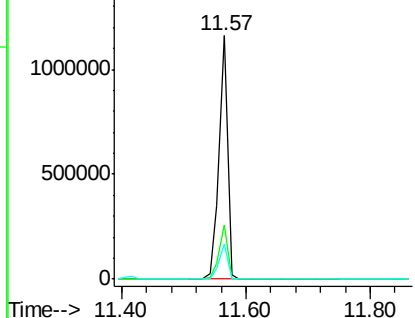
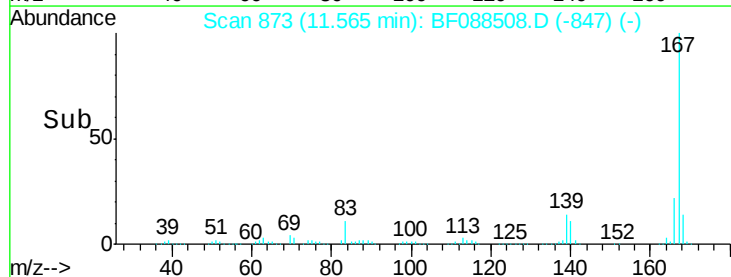


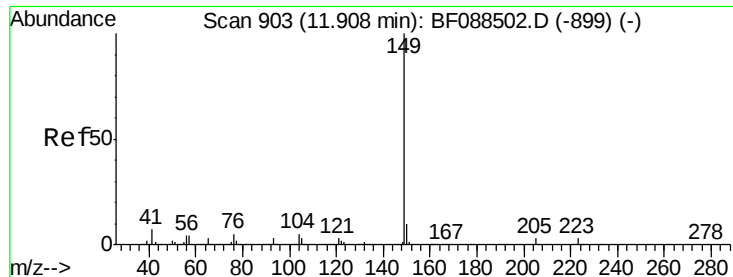
#72
 Carbazole
 Concen: 42.62 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:167 Resp: 1076641
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 14.2 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.54 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

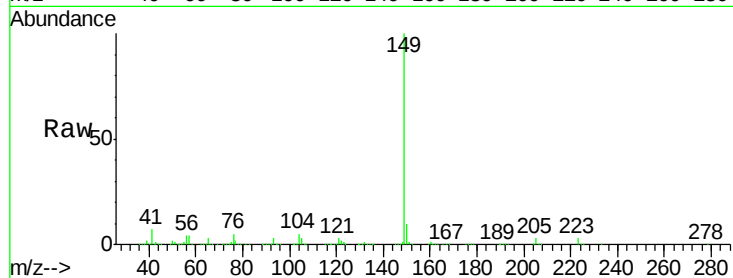
Tgt Ion:149 Resp: 1347209

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

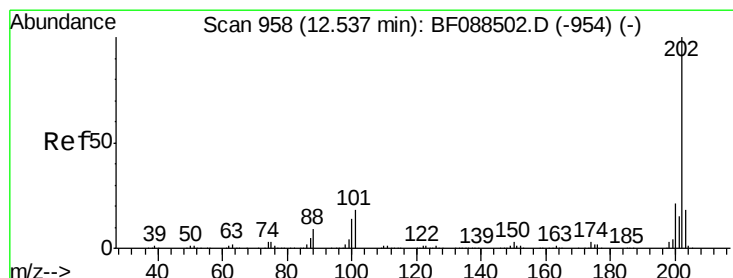
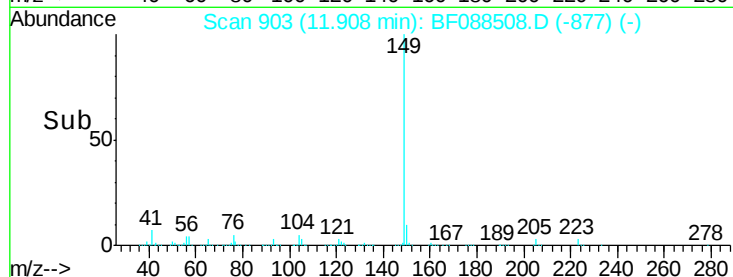
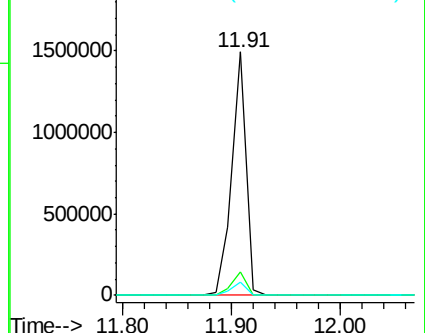
104 5.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.02 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

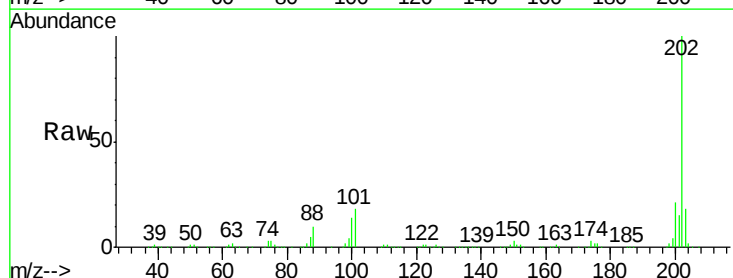
Tgt Ion:202 Resp: 1048899

Ion Ratio Lower Upper

202 100

101 18.5 0.0 38.1

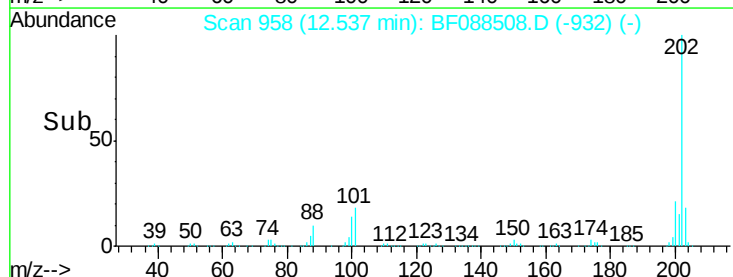
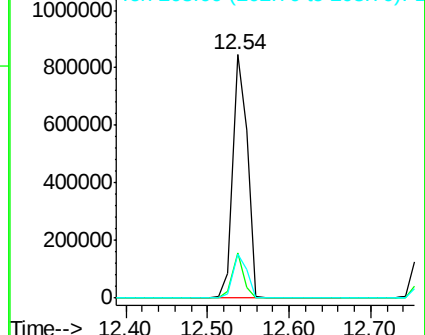
203 18.2 0.0 37.9

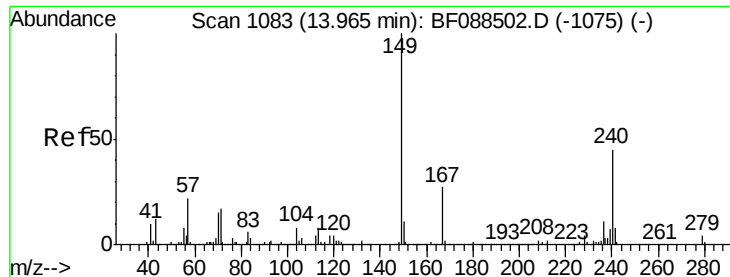


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1083

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

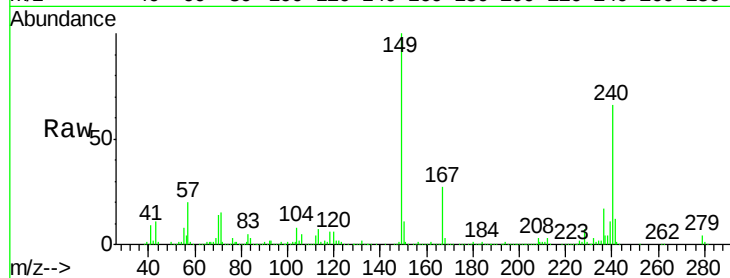
Tgt Ion:240 Resp: 290091

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

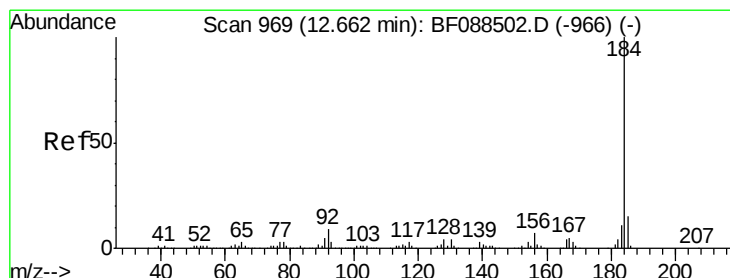
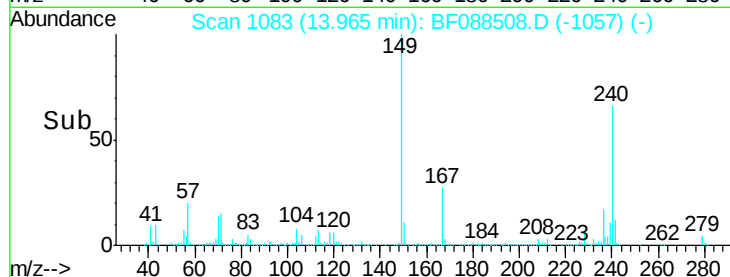
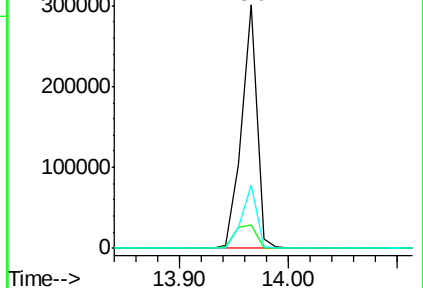
236 25.9 20.3 30.5



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



#76

Benzidine

Concen: 34.79 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

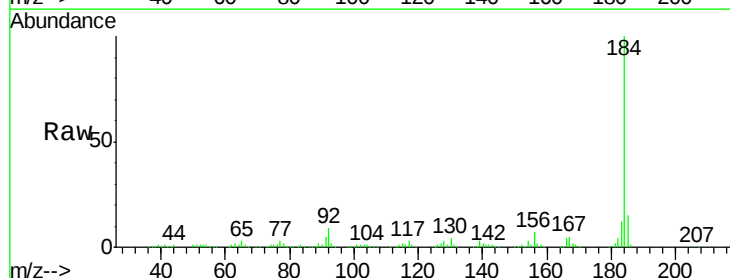
Tgt Ion:184 Resp: 314294

Ion Ratio Lower Upper

184 100

185 14.8 11.7 17.5

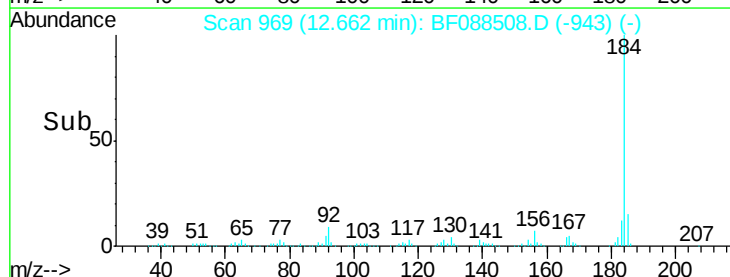
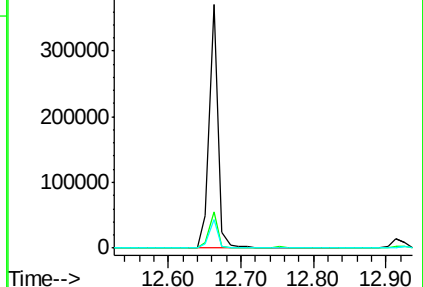
183 11.7 9.1 13.7

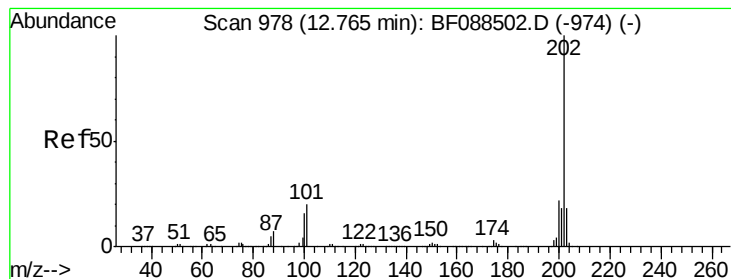


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.11 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

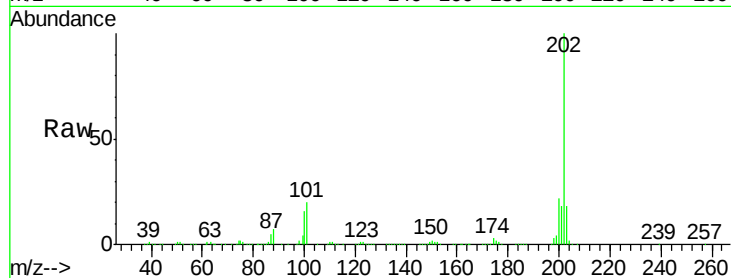
Tgt Ion:202 Resp: 978571

Ion Ratio Lower Upper

202 100

200 22.0 17.5 26.3

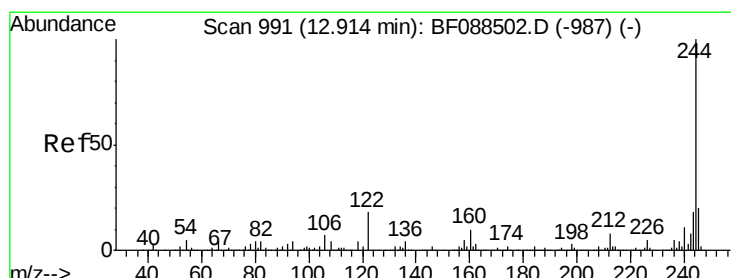
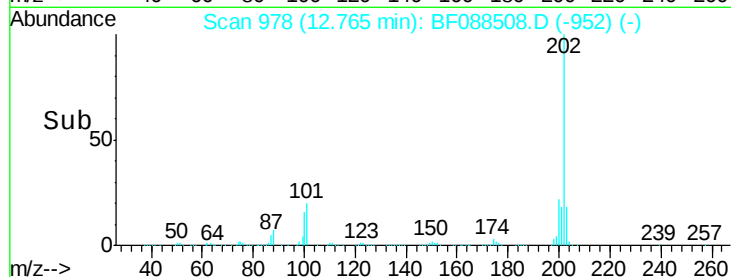
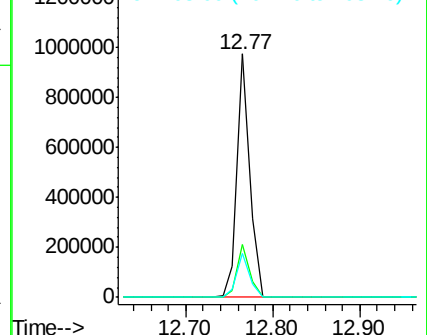
203 18.2 14.7 22.1



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: 80.20 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

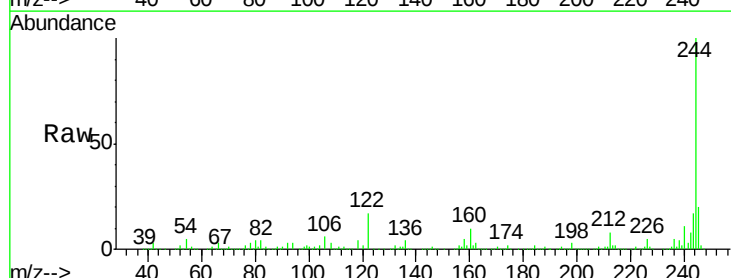
Tgt Ion:244 Resp: 1155189

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

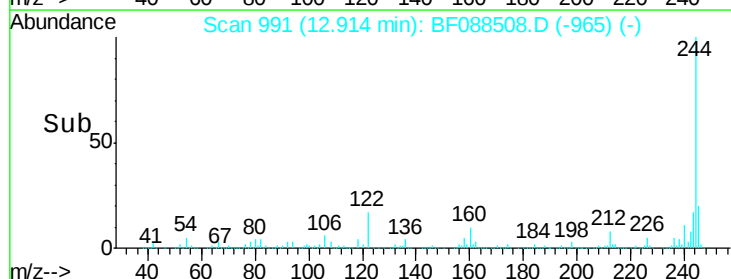
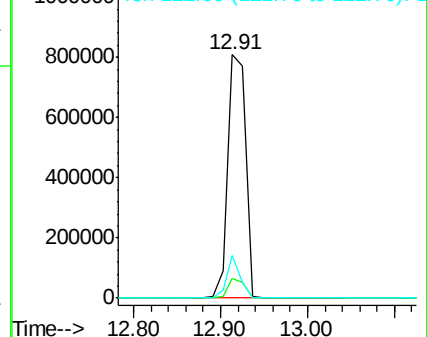
122 17.4 14.8 22.2

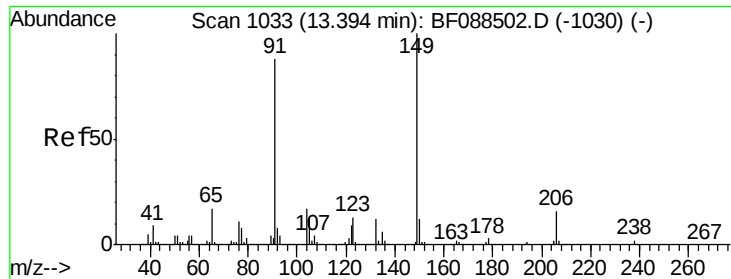


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.98 ng

RT: 13.39 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

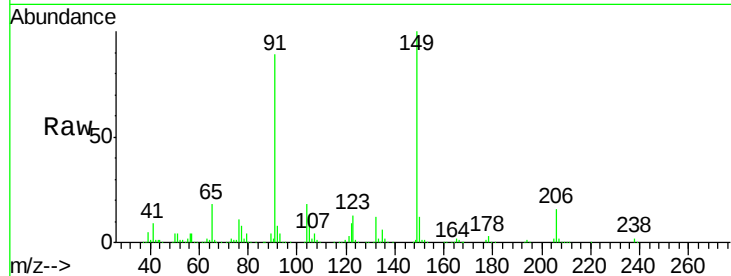
Tgt Ion:149 Resp: 438170

Ion Ratio Lower Upper

149 100

91 89.3 70.6 106.0

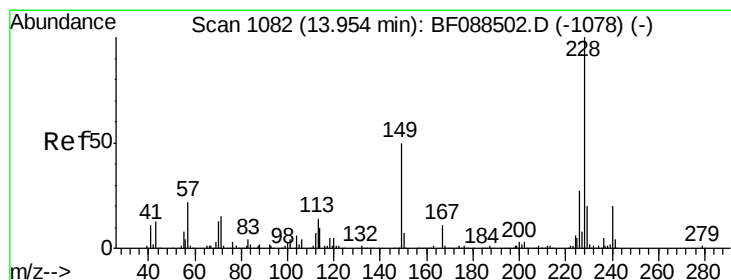
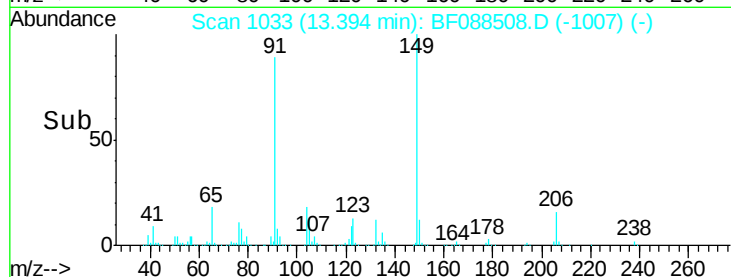
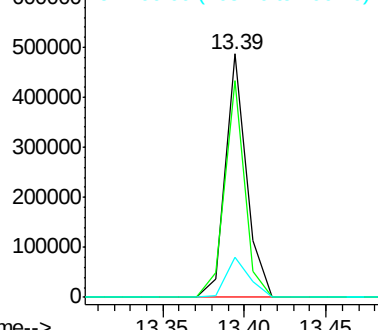
206 16.3 12.7 19.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.76 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

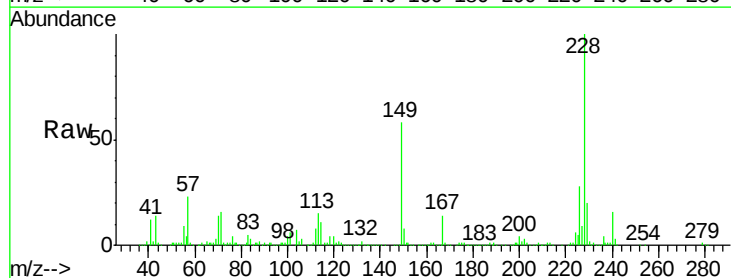
Tgt Ion:228 Resp: 759023

Ion Ratio Lower Upper

228 100

226 28.0 22.0 33.0

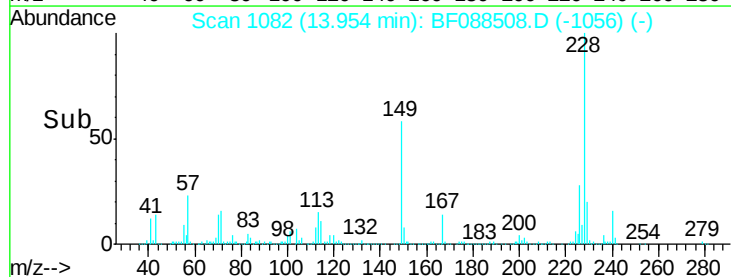
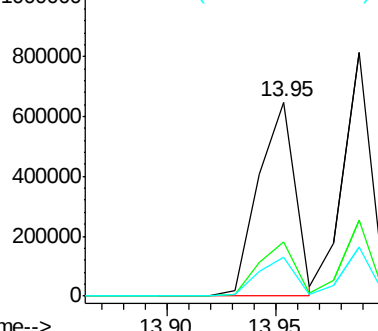
229 19.9 15.8 23.6

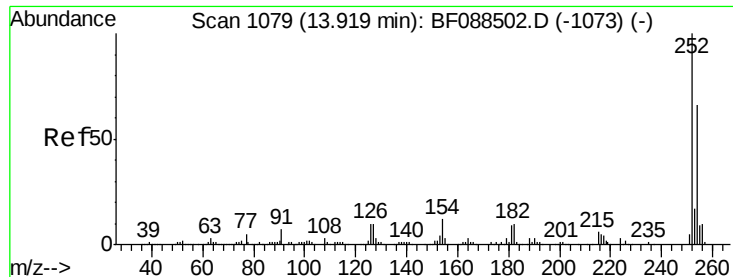


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

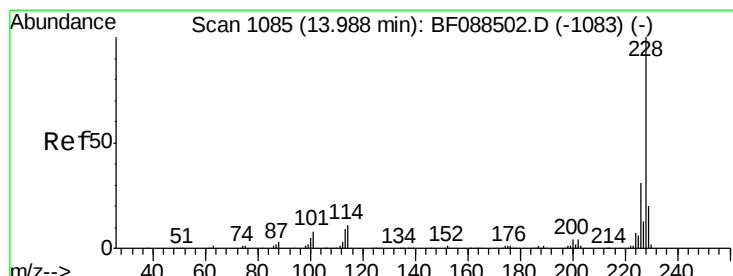
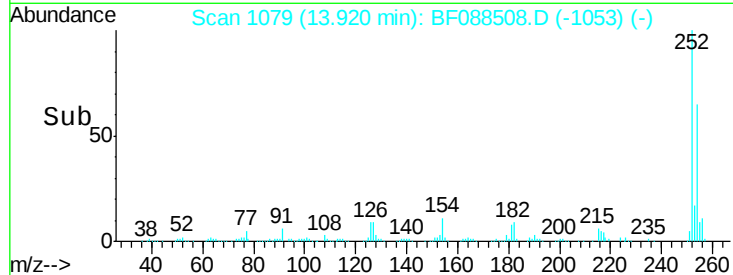
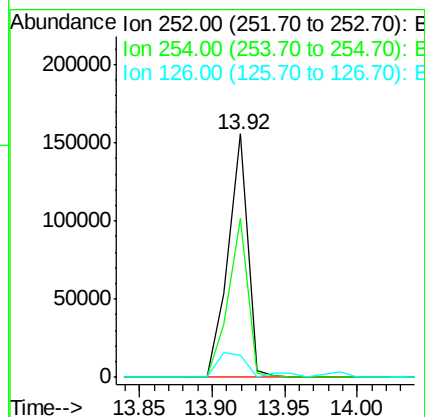
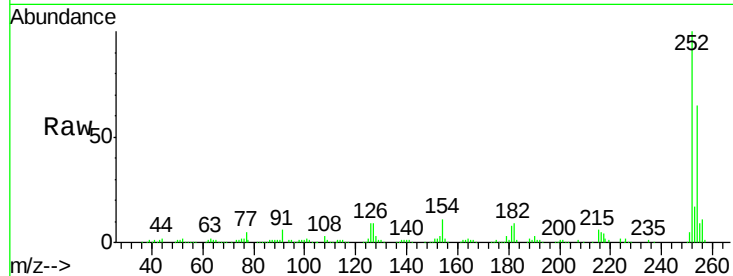




#81
 3,3'-Dichlorobenzidine
 Concen: 22.81 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

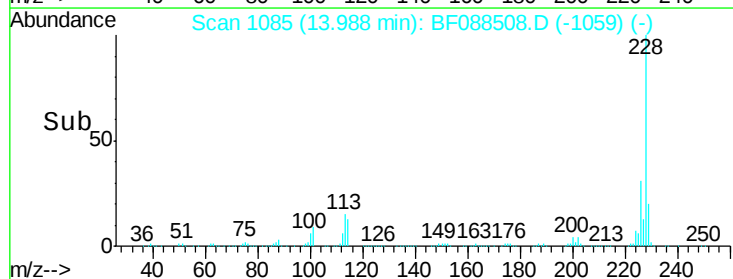
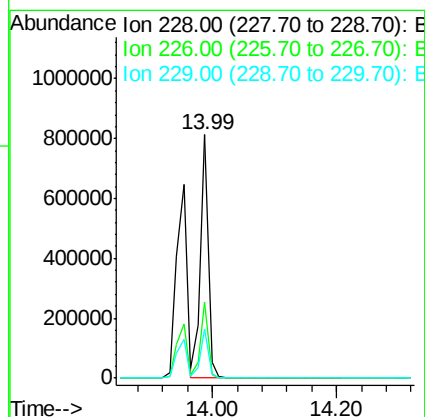
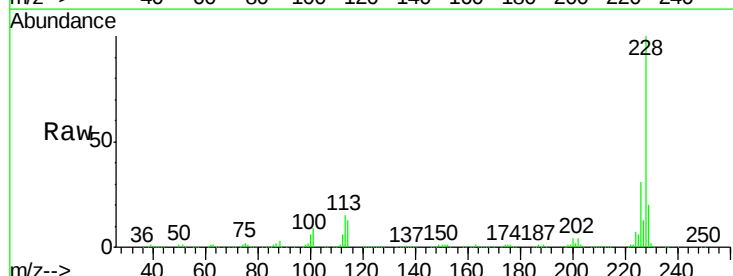
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

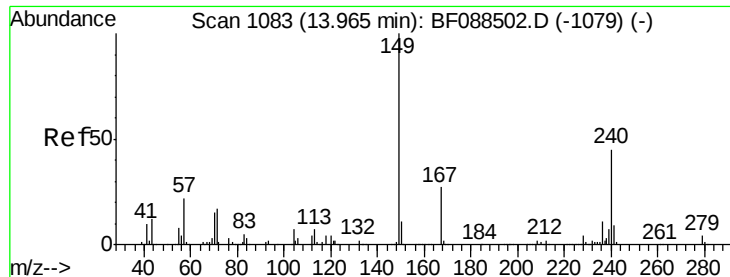
Tgt Ion:252 Resp: 147751
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.6 78.8
 126 9.0 8.2 12.4



#82
 Chrysene
 Concen: 40.09 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion:228 Resp: 728652
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.1 37.7
 229 20.2 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.52 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

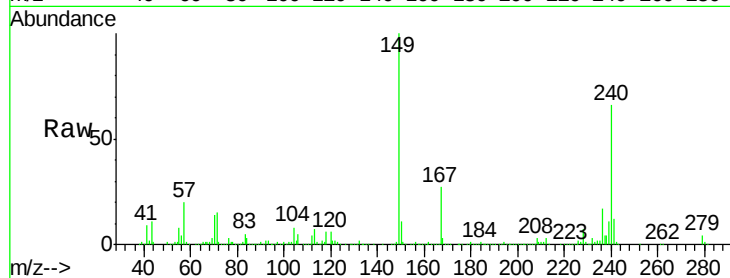
Tgt Ion:149 Resp: 588338

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

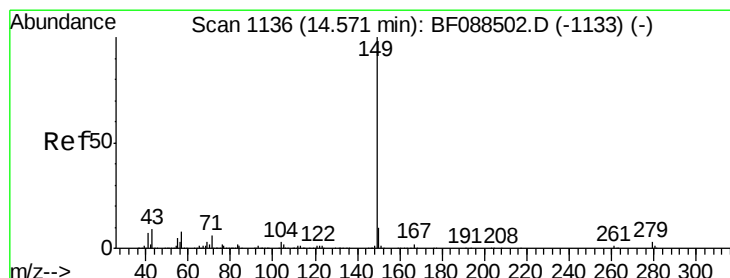
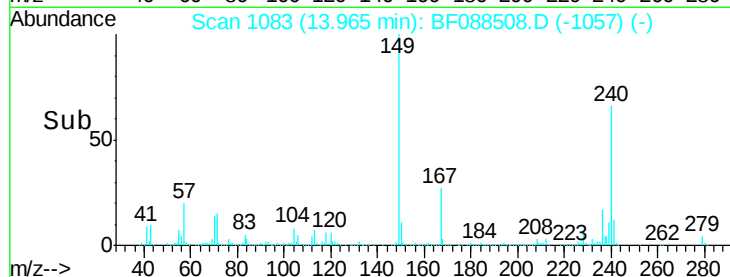
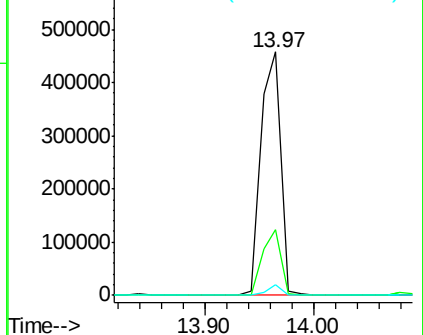
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.16 ng

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

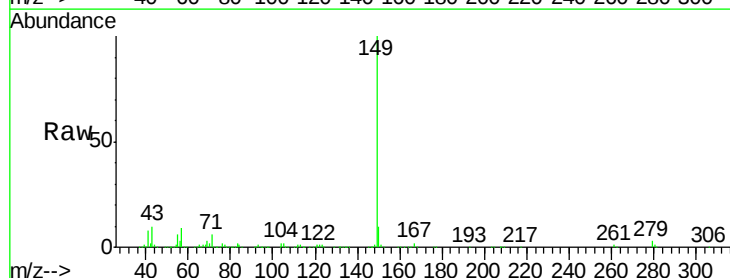
Tgt Ion:149 Resp: 1022103

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

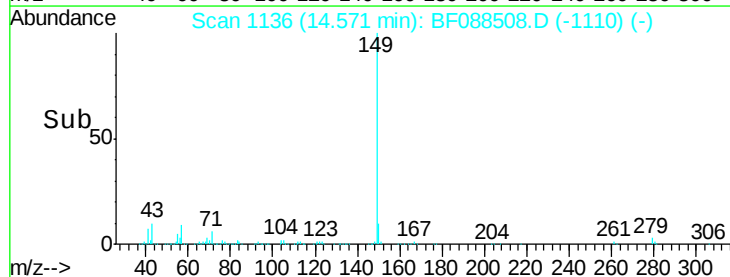
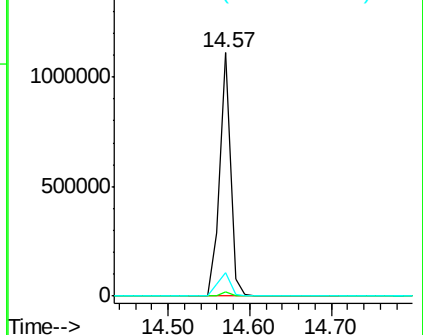
43 11.3 0.0 0.0#

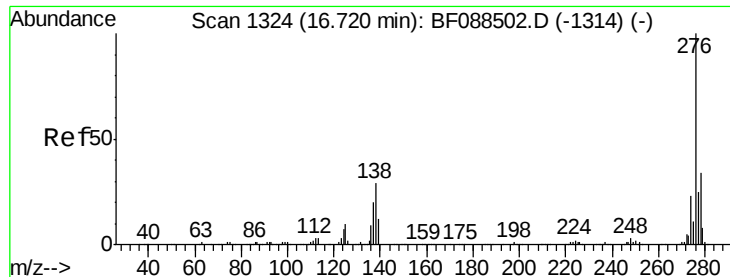


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

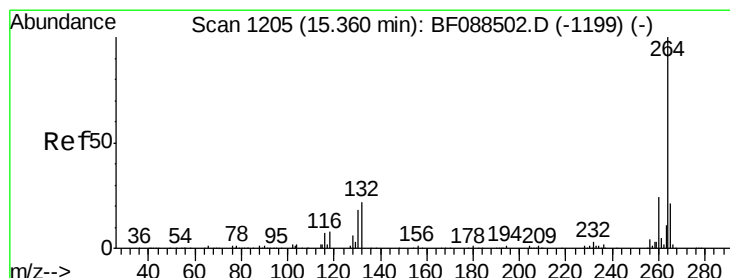
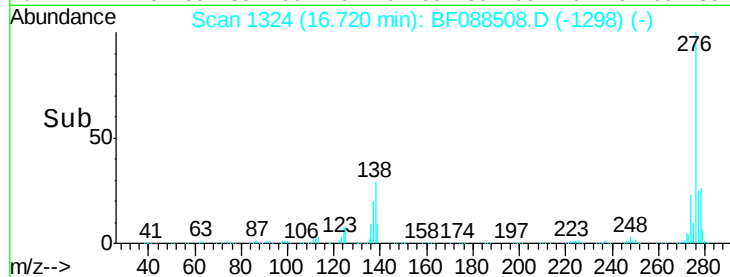
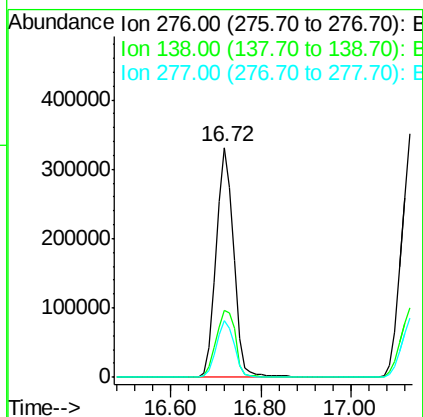
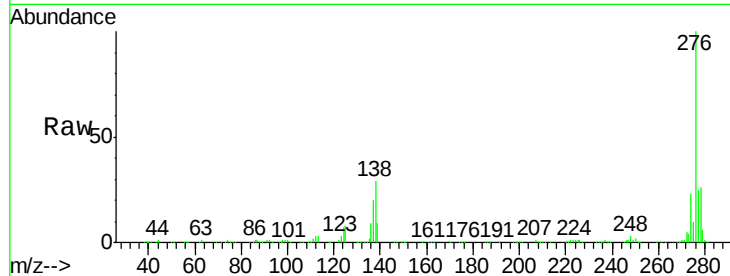




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.14 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

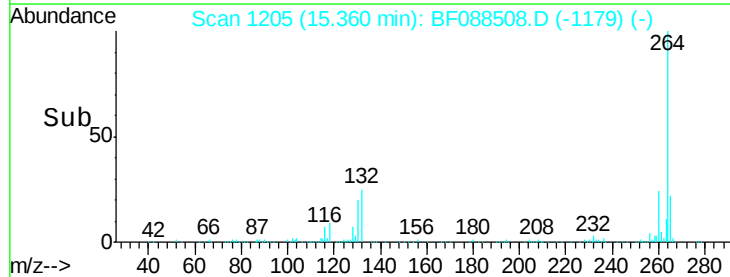
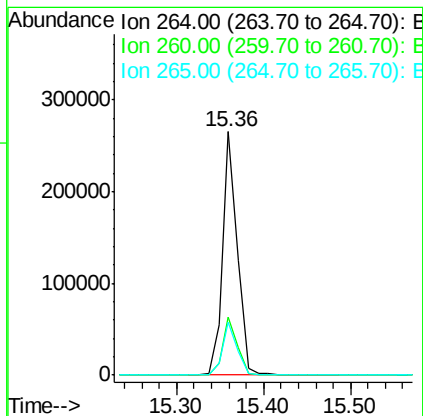
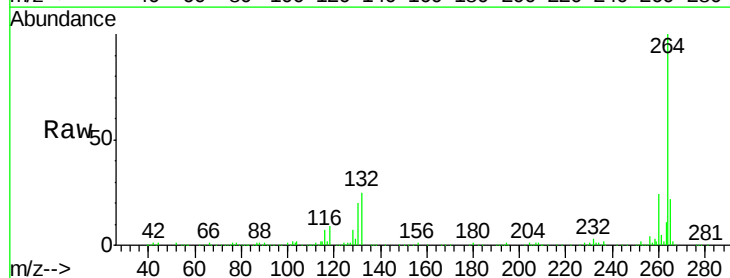
Instrument :
 BNA_F
 ClientSampleId :
 PB91573BS

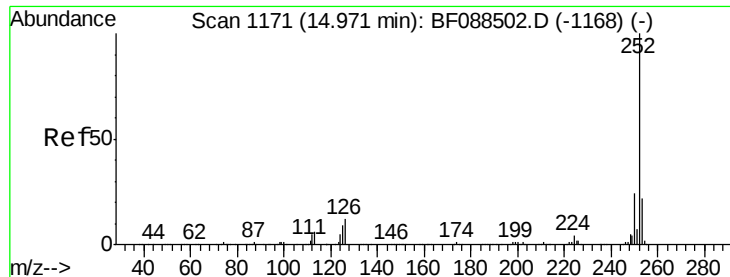
Tgt Ion: 276 Resp: 903951
 Ion Ratio Lower Upper
 276 100
 138 32.3 0.0 0.0#
 277 25.3 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF088508.D
 Acq: 29 Jun 2016 22:59

Tgt Ion: 264 Resp: 316367
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.8 17.1 25.7





#87

Benzo(b)fluoranthene

Concen: 79.52 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS

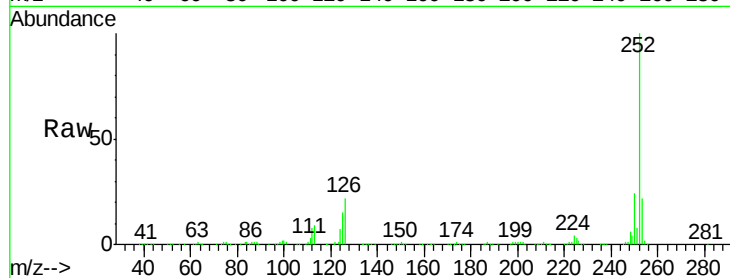
Tgt Ion:252 Resp: 1456561

Ion Ratio Lower Upper

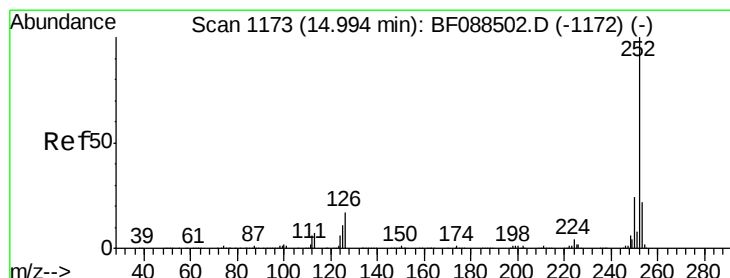
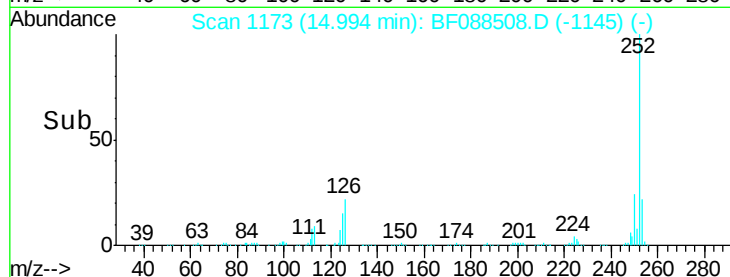
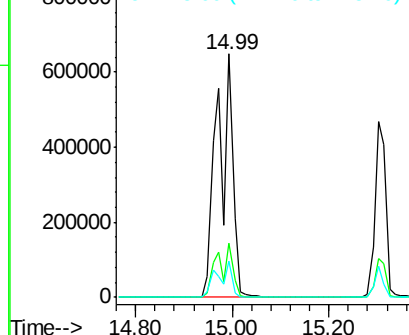
252 100

253 22.1 17.3 25.9

125 14.9 7.4 11.2#



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



#88

Benzo(k)fluoranthene

Concen: 88.83 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF088508.D

Acq: 29 Jun 2016 22:59

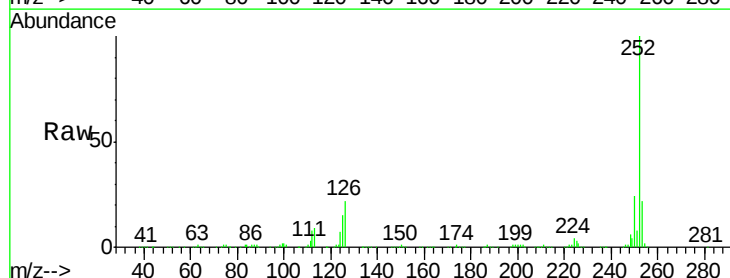
Tgt Ion:252 Resp: 1457098

Ion Ratio Lower Upper

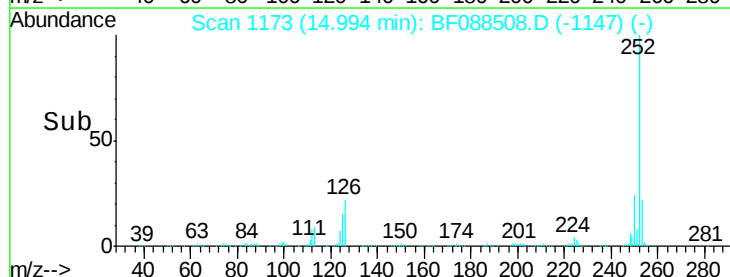
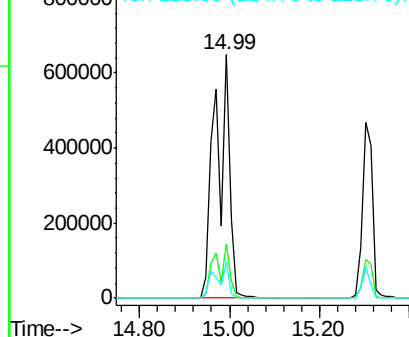
252 100

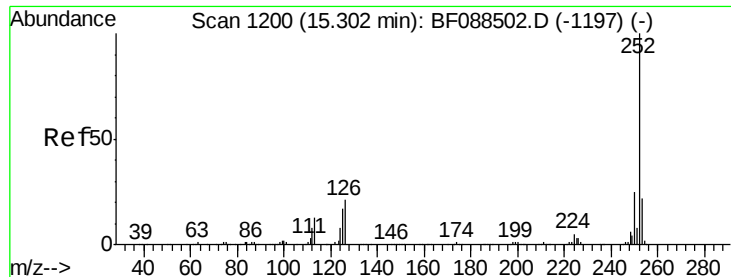
253 22.1 17.8 26.6

125 14.9 11.1 16.7



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

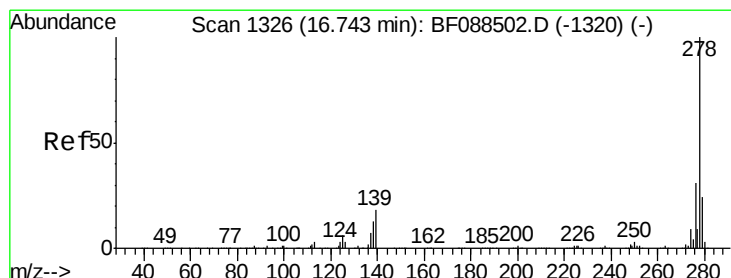
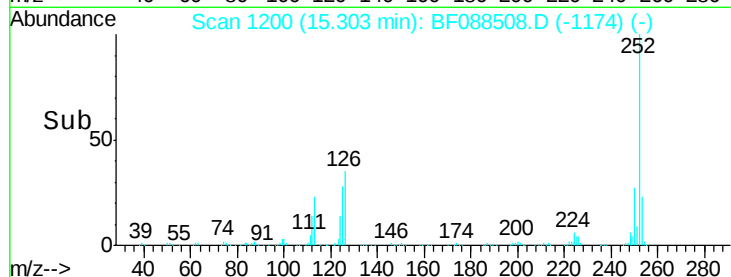
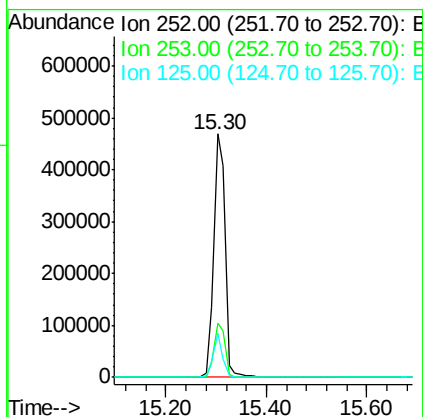
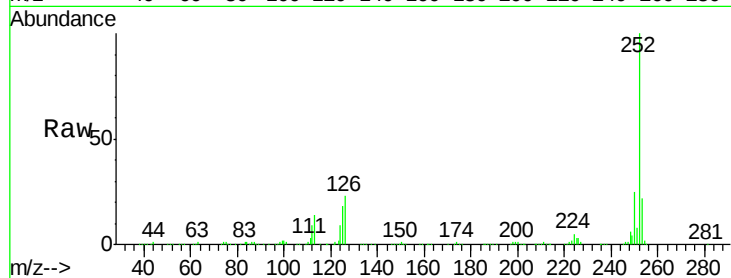




#89
Benzo(a)pyrene
Concen: 41.54 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

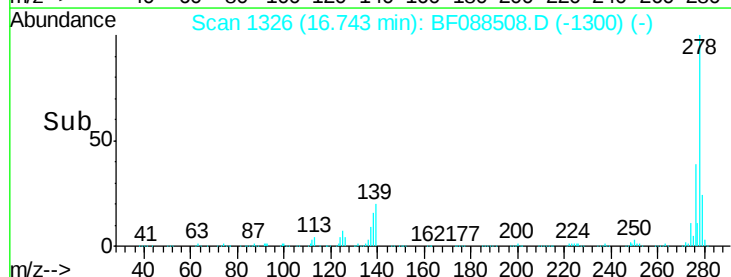
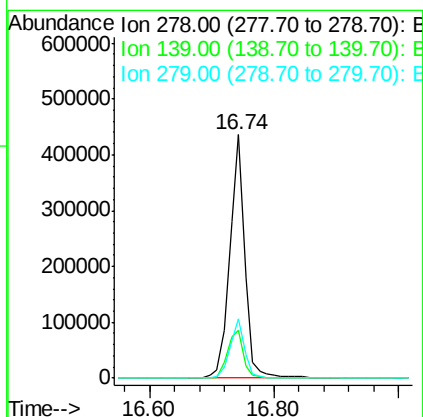
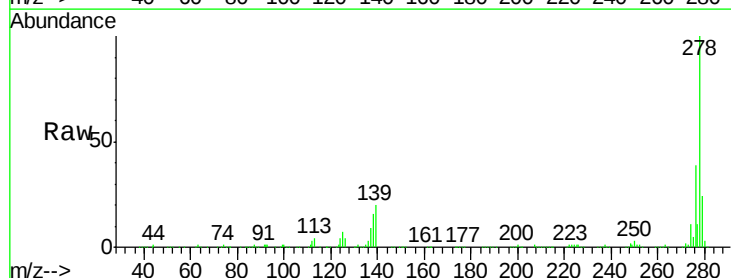
Instrument :
BNA_F
ClientSampleId :
PB91573BS

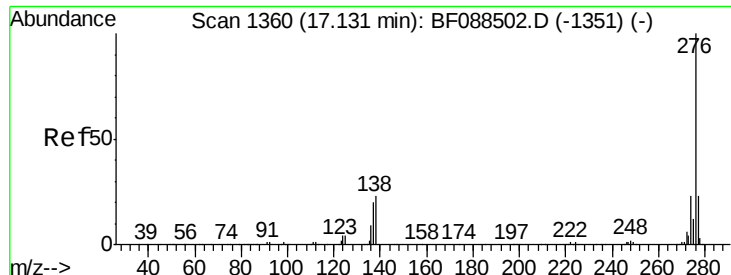
Tgt Ion:252 Resp: 728945
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 18.0 13.4 20.0



#90
Dibenzo(a,h)anthracene
Concen: 41.37 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF088508.D
Acq: 29 Jun 2016 22:59

Tgt Ion:278 Resp: 735956
Ion Ratio Lower Upper
278 100
139 19.6 14.0 21.0
279 24.3 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 41.49 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF088508.D

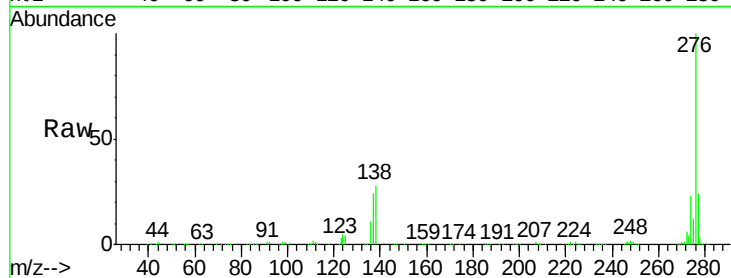
Acq: 29 Jun 2016 22:59

Instrument :

BNA_F

ClientSampleId :

PB91573BS



Tgt Ion: 276 Resp: 773399

Ion Ratio Lower Upper

276 100

277 24.2 18.4 27.6

138 28.4 18.7 28.1

