

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087388.D
 Acq On : 26 May 2016 00:46
 Operator : UM/SJ
 Sample : PB90852BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Quant Time: May 26 04:20:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109761	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	439800	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	182016	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	295520	20.00	ng	0.00
75) Chrysene-d12	18.47	240	237757	20.00	ng	-0.01
86) Perylene-d12	20.14	264	168844	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	833290	133.40	ng	0.02
7) Phenol-d6	7.07	99	1037756	122.95	ng	0.00
23) Nitrobenzene-d5	8.43	82	698798	80.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	190725	109.04	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1140784	88.36	ng	0.00
78) Terphenyl-d14	17.13	244	829092	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	100670	30.54	ng	# 65
3) Pyridine	2.50	79	257357	35.72	ng	# 64
4) n-Nitrosodimethylamine	2.47	42	221161	39.83	ng	# 46
6) Aniline	7.02	93	257231	23.56	ng	94
8) 2-Chlorophenol	7.20	128	316631	40.65	ng	91
9) Benzaldehyde	6.84	77	40079	8.60	ng	96
10) Phenol	7.08	94	355864	38.61	ng	77
11) bis(2-Chloroethyl)ether	7.16	93	295474	39.61	ng	88
12) 1,3-Dichlorobenzene	7.42	146	326390	38.41	ng	# 93
13) 1,4-Dichlorobenzene	7.78	146	308366	35.35	ng	95
14) 1,2-Dichlorobenzene	7.78	146	314711	39.01	ng	100
15) Benzyl Alcohol	7.82	79	286378	46.54	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	605722	36.09	ng	77
17) 2-Methylphenol	8.03	107	255445	40.92	ng	# 88
18) Hexachloroethane	8.30	117	102578	31.52	ng	95
19) n-Nitroso-di-n-propylamine	8.24	70	252384	40.09	ng	# 70
20) 3+4-Methylphenols	8.28	107	339562	44.99	ng	# 57
22) Acetophenone	8.20	105	450171	42.85	ng	# 97
24) Nitrobenzene	8.47	77	365613	39.69	ng	96
25) Isophorone	8.86	82	624027	39.87	ng	98
26) 2-Nitrophenol	8.97	139	140680	37.36	ng	# 75
27) 2,4-Dimethylphenol	9.11	122	272398	41.67	ng	# 83
28) bis(2-Chloroethoxy)methane	9.24	93	374631	42.50	ng	98
29) 2,4-Dichlorophenol	9.38	162	243531	41.34	ng	96
30) 1,2,4-Trichlorobenzene	9.47	180	265256	39.33	ng	97
31) Naphthalene	9.59	128	883726	40.10	ng	100
32) Benzoic acid	9.42	122	102416	32.56	ng	# 82
33) 4-Chloroaniline	9.74	127	127763	15.74	ng	# 94
34) Hexachlorobutadiene	9.80	225	153269	37.39	ng	98
35) Caprolactam	10.34	113	75933	44.17	ng	# 50
36) 4-Chloro-3-methylphenol	10.59	107	276610	41.53	ng	94
37) 2-Methylnaphthalene	10.87	142	522634	37.96	ng	93
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	234085	40.18	ng	98
40) Hexachlorocyclopentadiene	10.96	237	15601	15.20	ng	97

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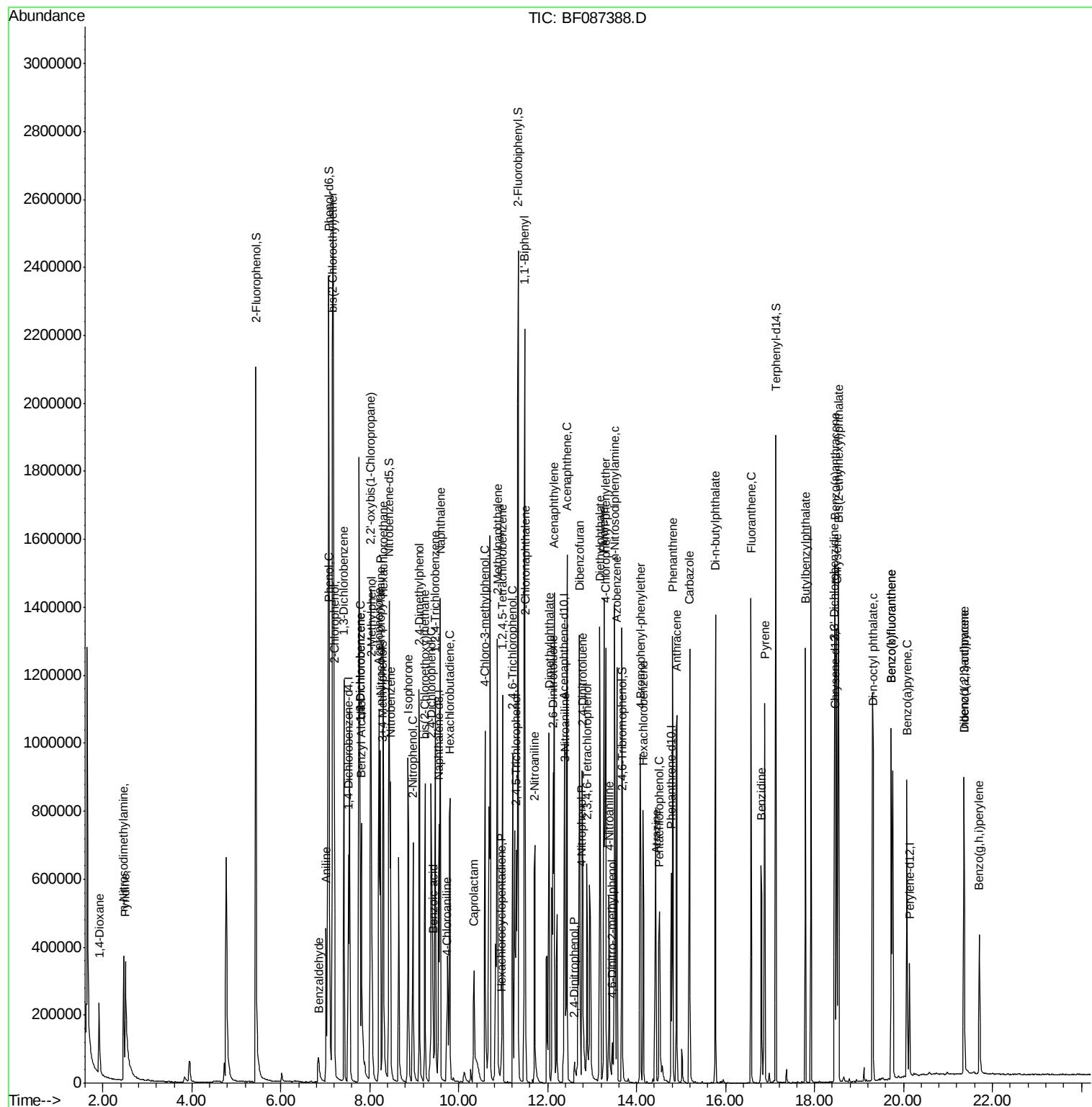
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	148192	44.07	ng	93
43) 2,4,5-Trichlorophenol	11.29	196	145650	42.53	ng #	92
45) 1,1'-Biphenyl	11.49	154	669538	43.69	ng	99
46) 2-Chloronaphthalene	11.50	162	485423	41.40	ng	97
47) 2-Nitroaniline	11.71	65	201576	47.72	ng	91
48) Acenaphthylene	12.15	152	753928	40.62	ng	99
49) Dimethylphthalate	12.03	163	620183	42.53	ng	99
50) 2,6-Dinitrotoluene	12.13	165	121039	41.20	ng	95
51) Acenaphthene	12.43	154	461570	40.46	ng	98
52) 3-Nitroaniline	12.39	138	102472	33.98	ng #	92
53) 2,4-Dinitrophenol	12.61	184	18231	17.68	ng #	82
54) Dibenzofuran	12.72	168	678264	43.91	ng	97
55) 4-Nitrophenol	12.77	139	132000	91.77	ng #	59
56) 2,4-Dinitrotoluene	12.78	165	145493	37.05	ng #	82
57) Fluorene	13.27	166	521364	38.92	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.88	232	102152	38.77	ng	93
59) Diethylphthalate	13.18	149	585415	41.30	ng	100
60) 4-Chlorophenyl-phenylether	13.30	204	252612	38.67	ng	92
61) 4-Nitroaniline	13.38	138	101359	36.02	ng #	65
62) Azobenzene	13.55	77	638890	43.44	ng	86
64) 4,6-Dinitro-2-methylphenol	13.45	198	18940	10.08	ng #	64
65) n-Nitrosodiphenylamine	13.51	169	439478	45.98	ng	100
66) 4-Bromophenyl-phenylether	14.08	248	140073	43.33	ng	94
67) Hexachlorobenzene	14.15	284	138944	41.09	ng #	61
68) Atrazine	14.43	200	131717	43.24	ng	94
69) Pentachlorophenol	14.51	266	105180	98.54	ng	96
70) Phenanthrene	14.81	178	692141	42.28	ng	99
71) Anthracene	14.90	178	696977	42.15	ng	99
72) Carbazole	15.19	167	621114	44.04	ng	99
73) Di-n-butylphthalate	15.77	149	808970	44.35	ng #	98
74) Fluoranthene	16.57	202	657988	40.09	ng	96
76) Benzidine	16.80	184	402793	65.84	ng	96
77) Pyrene	16.88	202	680104	39.74	ng	99
79) Butylbenzylphthalate	17.79	149	308153	40.60	ng #	79
80) Benzo(a)anthracene	18.46	228	568516	42.04	ng	99
81) 3,3'-Dichlorobenzidine	18.45	252	164190	21.98	ng #	97
82) Chrysene	18.50	228	547350	40.78	ng	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	418203	37.76	ng #	96
84) Di-n-octyl phthalate	19.31	149	701262	41.52	ng #	86
85) Indeno(1,2,3-cd)pyrene	21.36	276	369783	34.37	ng	94
87) Benzo(b)fluoranthene	19.73	252	893284	83.06	ng #	97
88) Benzo(k)fluoranthene	19.73	252	893284	96.49	ng	99
89) Benzo(a)pyrene	20.08	252	408383	43.90	ng	98
90) Dibenzo(a,h)anthracene	21.36	278	314678	39.66	ng	97
91) Benzo(g,h,i)perylene	21.70	276	300981	38.45	ng	95

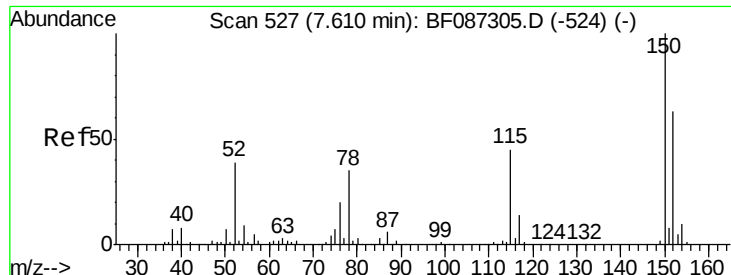
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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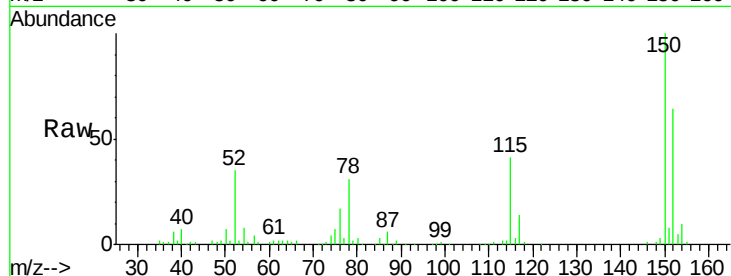




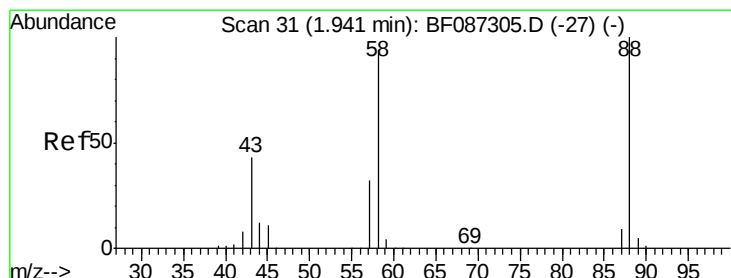
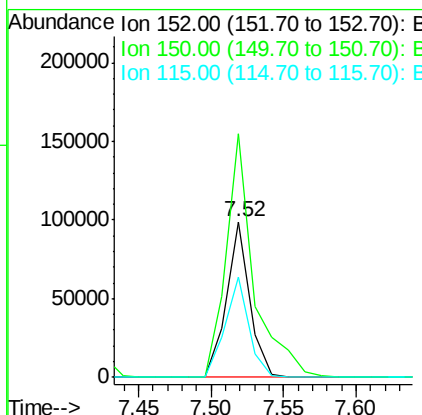
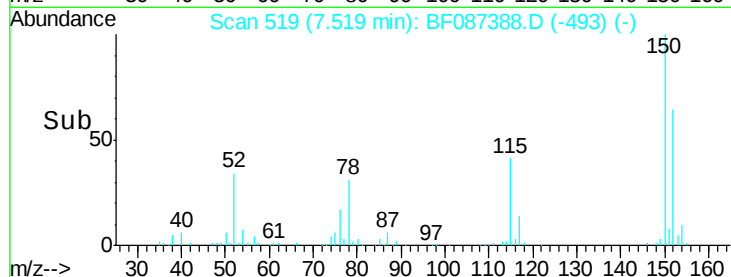
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion: 152 Resp: 109761
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.8 188.6
 115 64.7 51.5 77.3

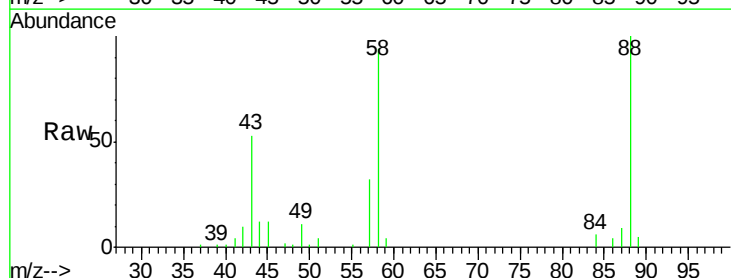


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

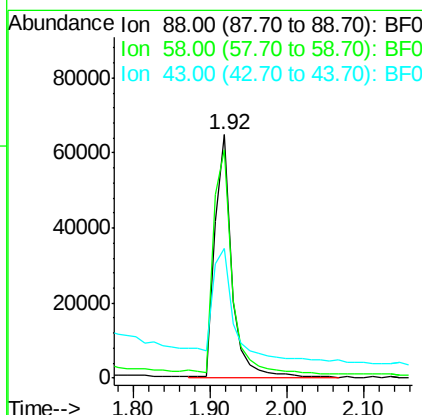
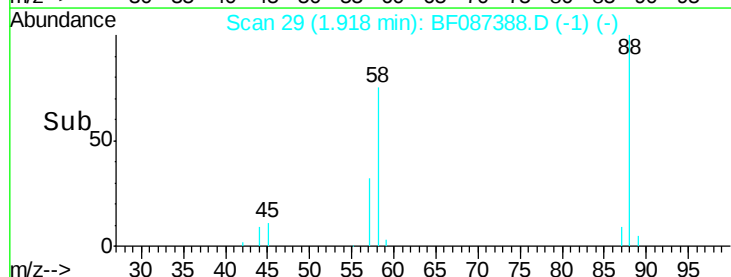


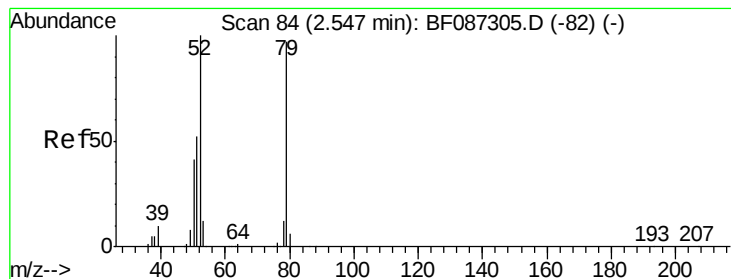
#2
 1,4-Dioxane
 Concen: 30.54 ng
 RT: 1.92 min Scan# 29
 Delta R.T. 0.10 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion: 88 Resp: 100670
 Ion Ratio Lower Upper
 88 100
 58 97.8 59.6 89.4#
 43 56.5 21.8 32.6#



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: 35.72 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.09 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

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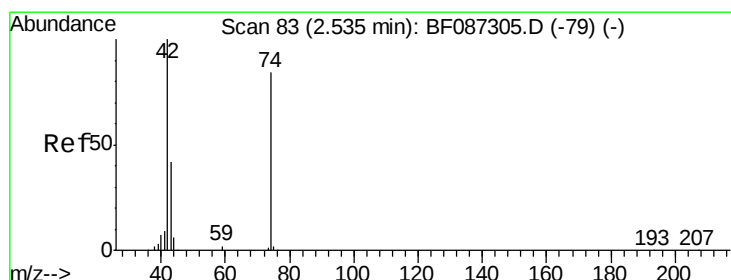
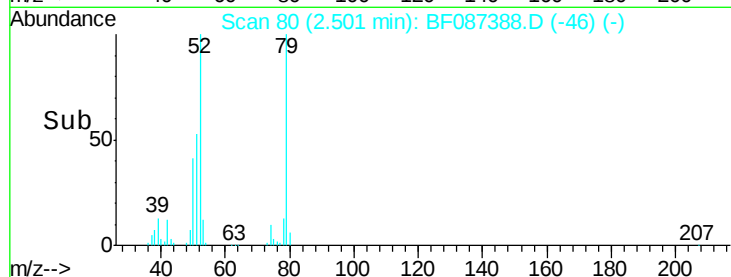
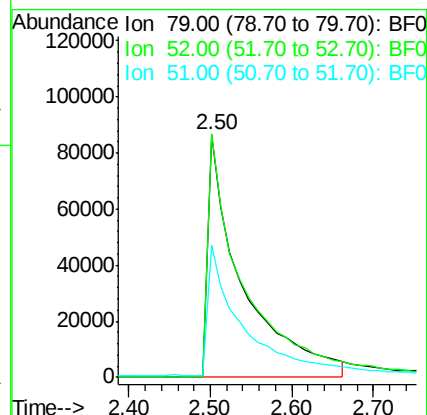
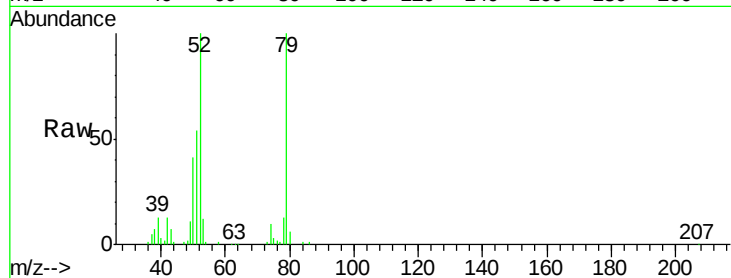
Tgt Ion: 79 Resp: 257357

Ion Ratio Lower Upper

79 100

52 100.4 55.9 83.9#

51 54.7 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.83 ng

RT: 2.47 min Scan# 77

Delta R.T. 0.08 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

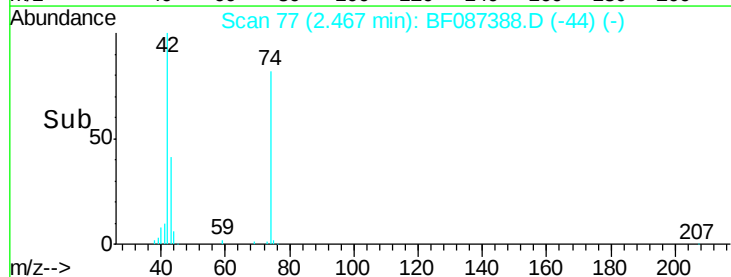
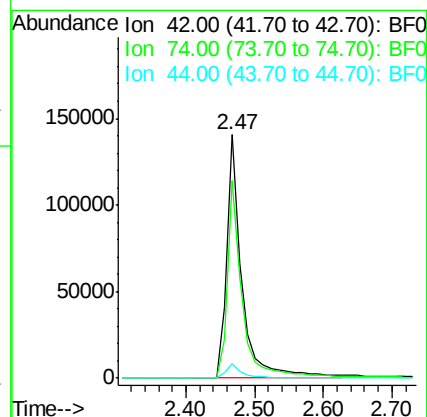
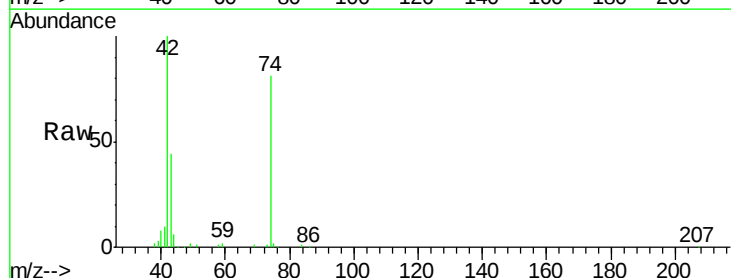
Tgt Ion: 42 Resp: 221161

Ion Ratio Lower Upper

42 100

74 81.3 123.4 185.0#

44 6.2 5.8 8.6





#5

2-Fluorophenol

Concen: 133.40 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.02 min

Lab File: BF087388.D

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Instrument :

BNA_F

ClientSampleId :

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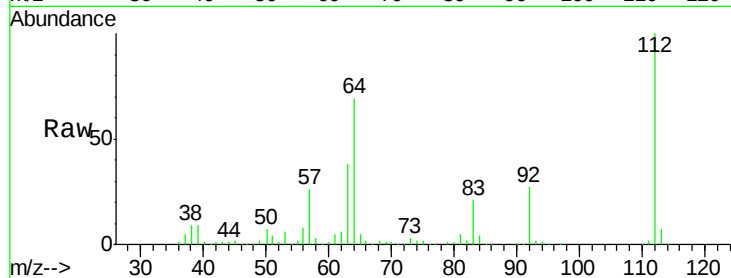
Tgt Ion: 112 Resp: 833290

Ion Ratio Lower Upper

112 100

64 69.3 52.1 78.1

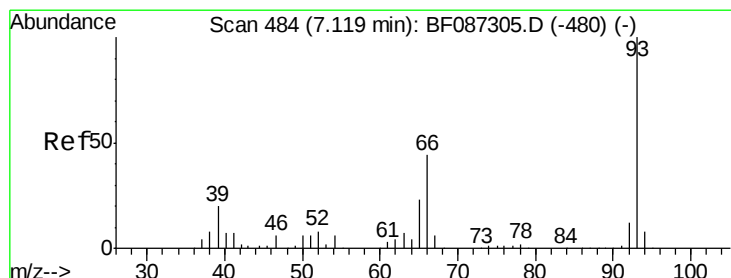
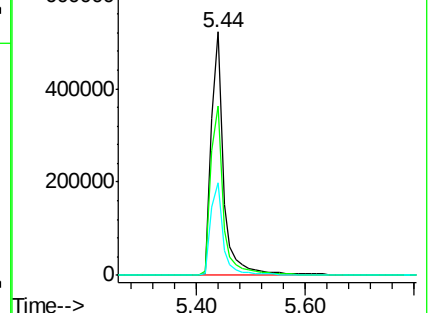
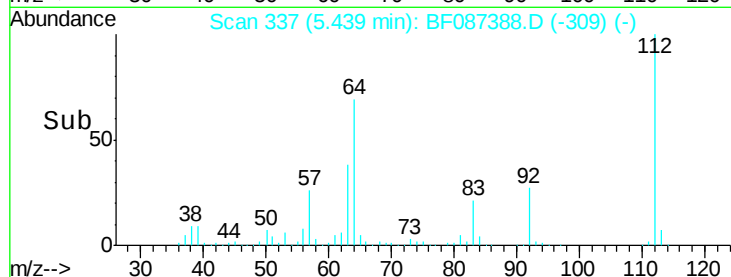
63 38.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.56 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

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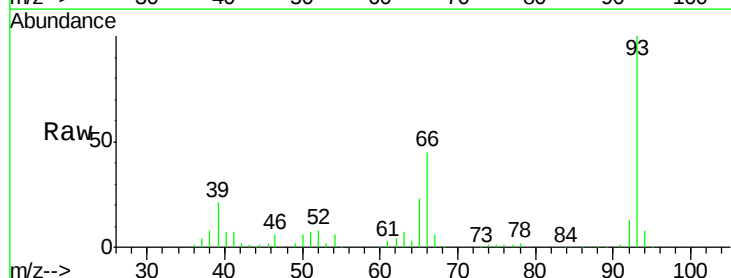
Tgt Ion: 93 Resp: 257231

Ion Ratio Lower Upper

93 100

66 44.8 39.0 58.6

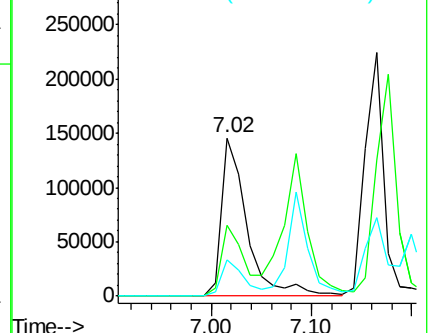
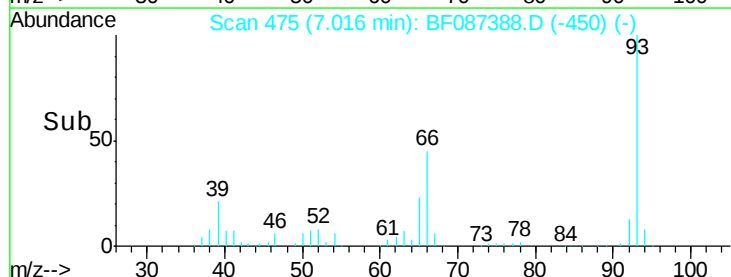
65 22.7 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.95 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

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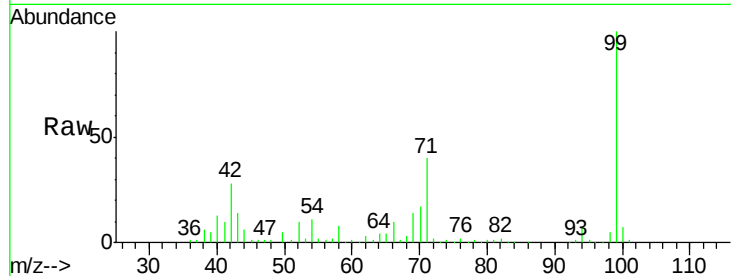
Tgt Ion: 99 Resp: 1037756

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

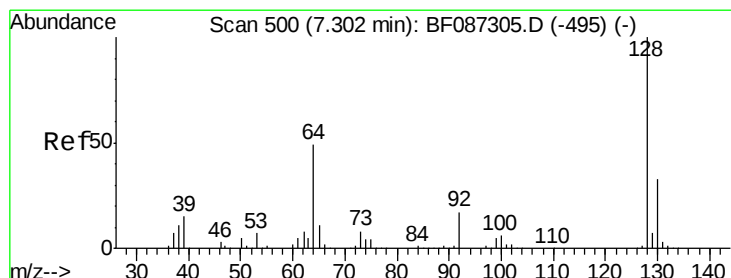
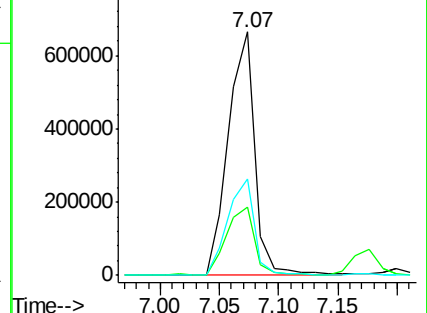
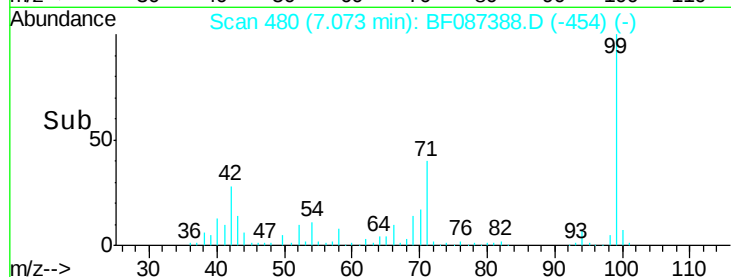
71 39.6 24.6 36.8#



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: 40.65 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

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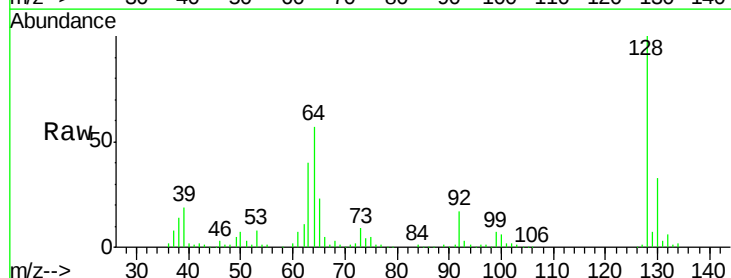
Tgt Ion: 128 Resp: 316631

Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

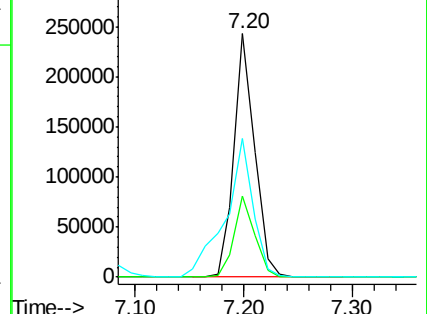
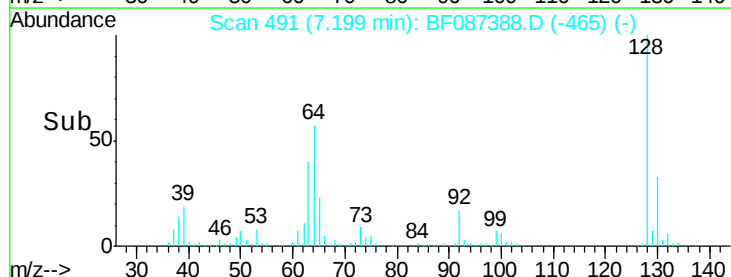
64 57.2 27.3 67.3

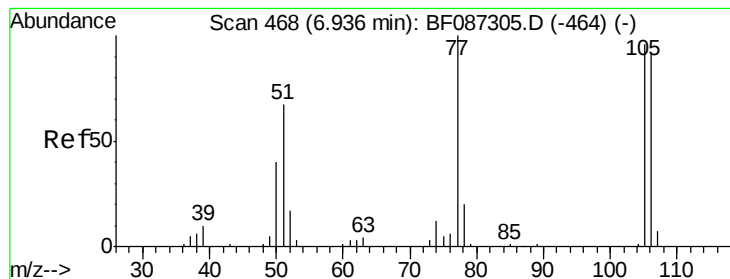


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.60 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

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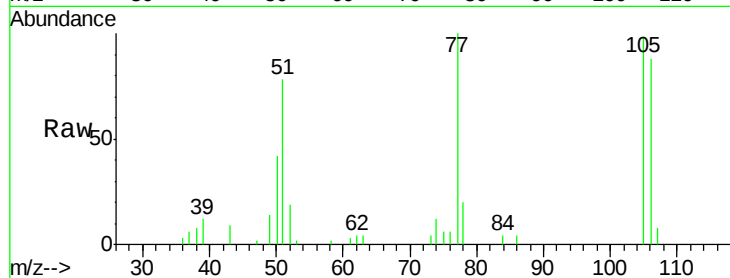
Tgt Ion: 77 Resp: 40079

Ion Ratio Lower Upper

77 100

105 98.0 72.7 112.7

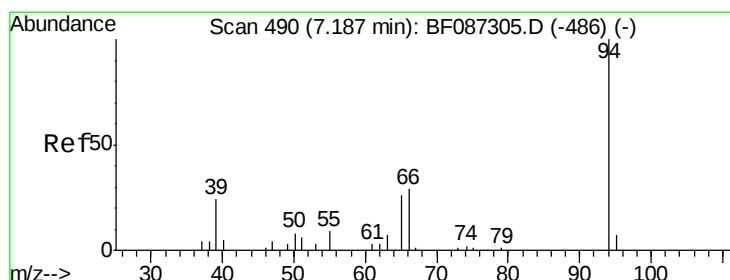
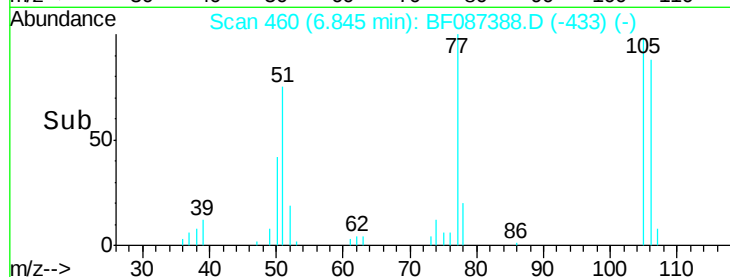
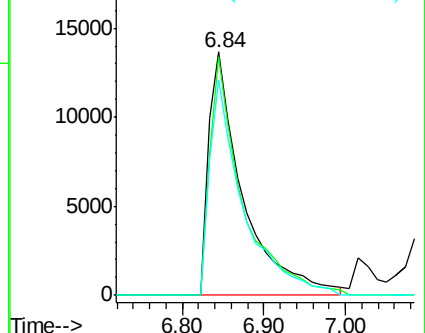
106 88.4 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.61 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

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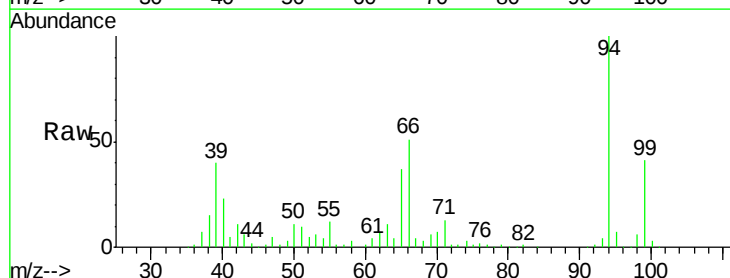
Tgt Ion: 94 Resp: 355864

Ion Ratio Lower Upper

94 100

65 36.8 7.2 47.2

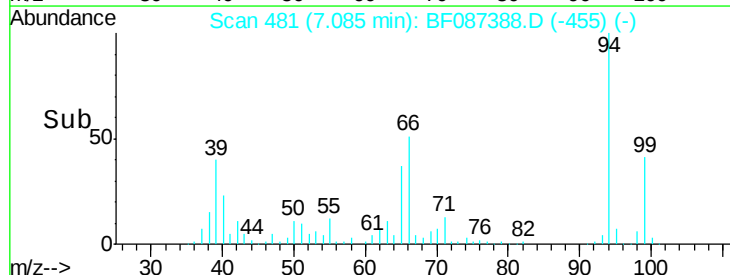
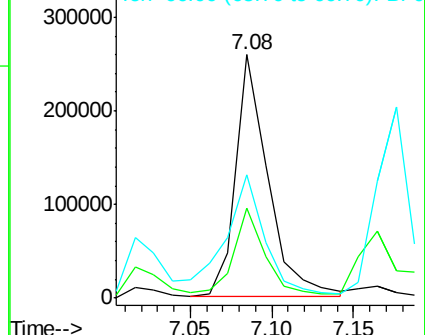
66 50.7 14.9 54.9

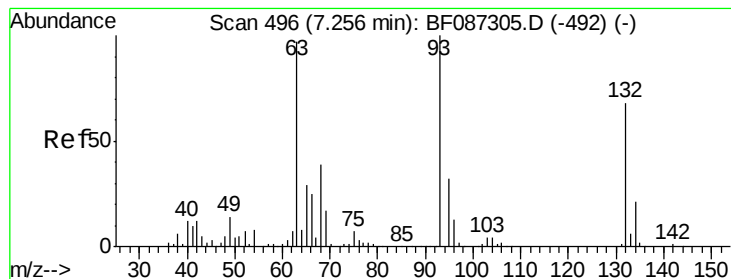


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

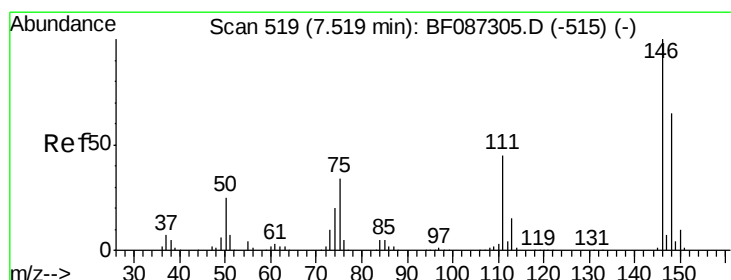
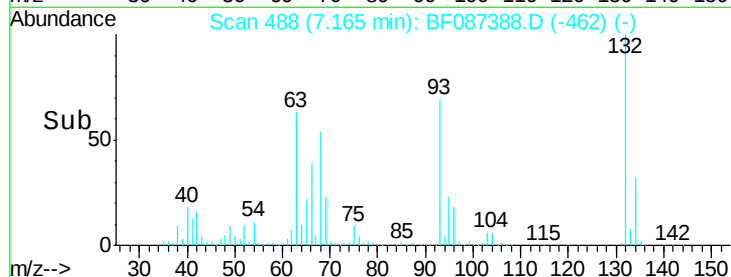
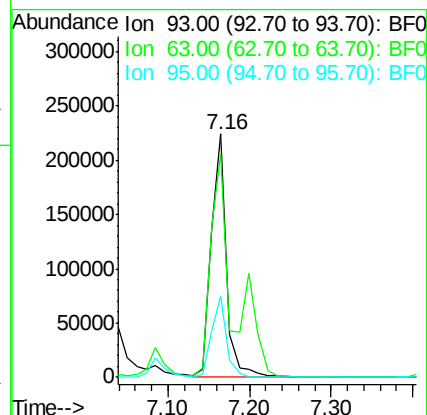
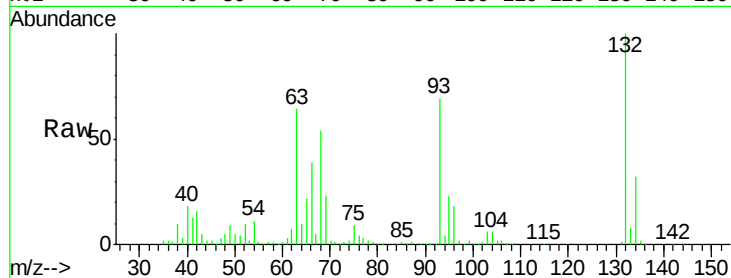




#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

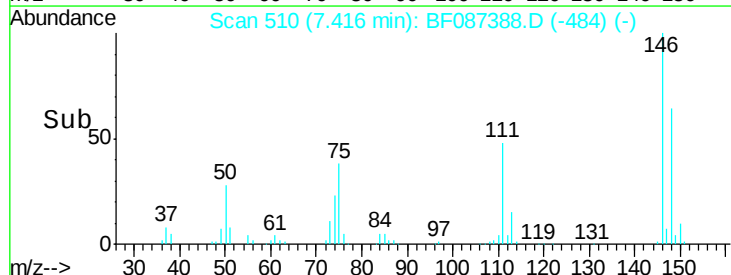
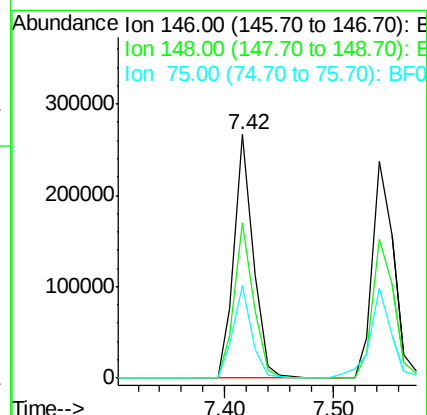
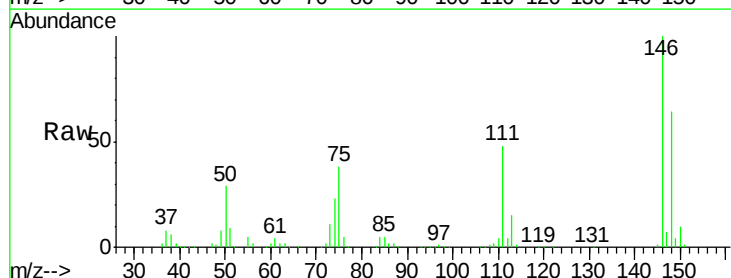
Instrument :
BNA_F
ClientSampleId :
PB90852BS

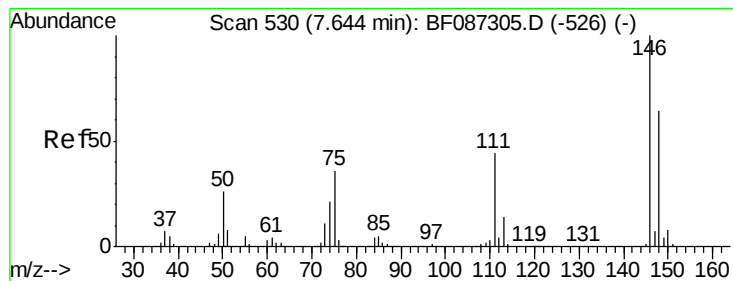
Tgt Ion: 93 Resp: 295474
Ion Ratio Lower Upper
93 100
63 91.5 58.0 98.0
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.41 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion: 146 Resp: 326390
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
75 37.9 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 35.35 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.23 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

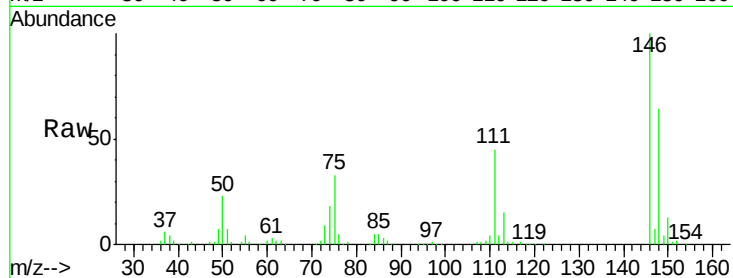
Tgt Ion:146 Resp: 308366

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.4

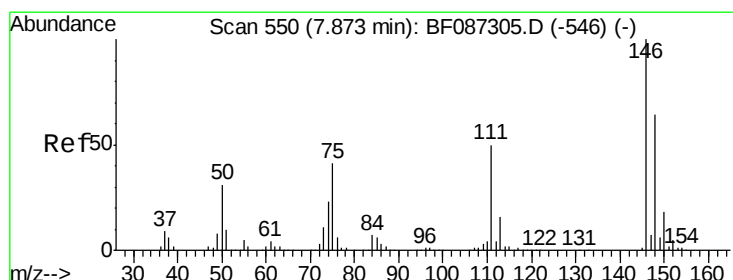
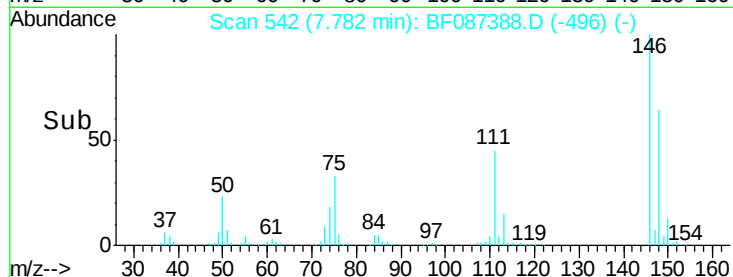
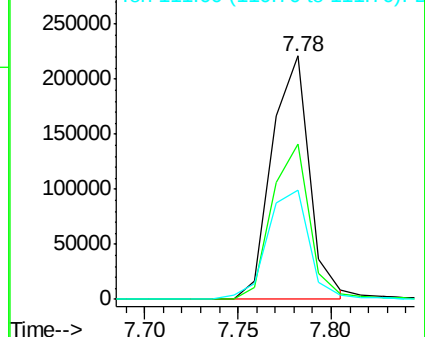
111 44.9 30.7 46.1



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: 39.01 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

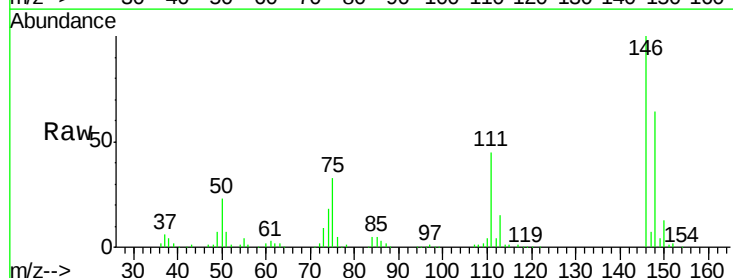
Tgt Ion:146 Resp: 314711

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

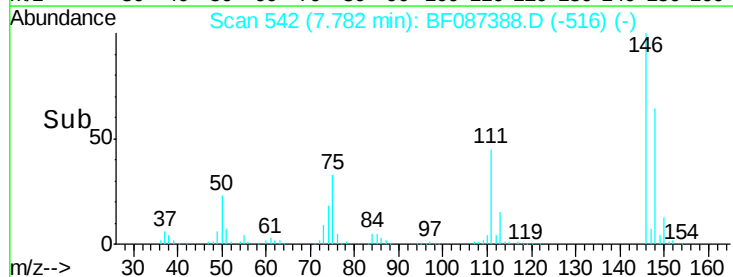
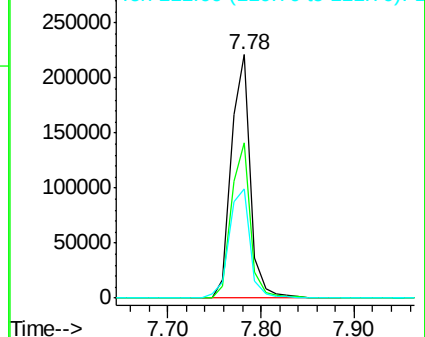
111 44.9 36.2 54.4

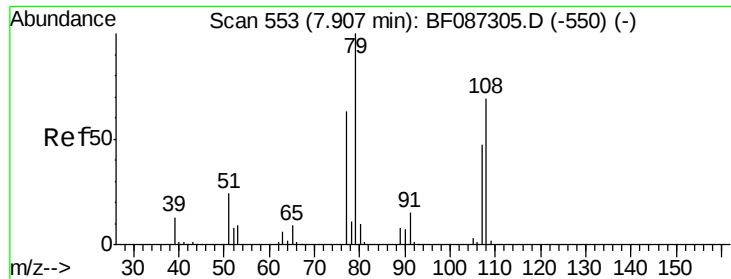


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.54 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

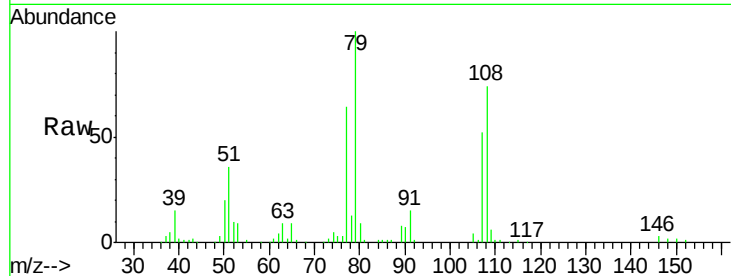
Tgt Ion: 79 Resp: 286378

Ion Ratio Lower Upper

79 100

108 74.3 68.4 102.6

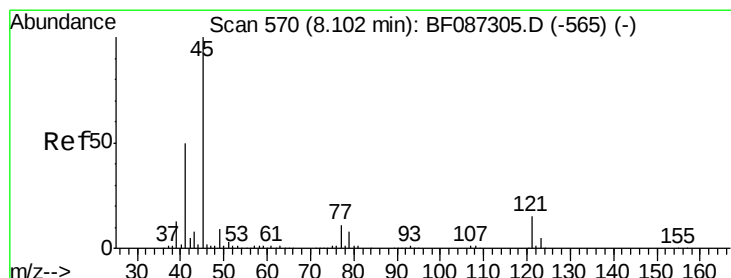
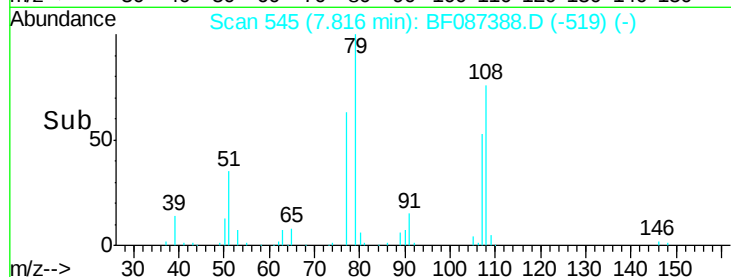
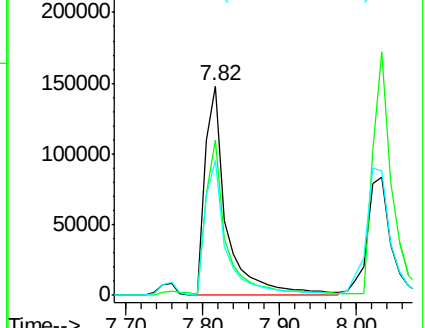
77 64.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.09 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

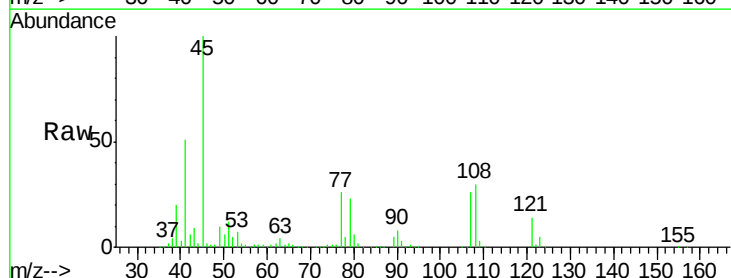
Tgt Ion: 45 Resp: 605722

Ion Ratio Lower Upper

45 100

77 26.0 0.0 36.4

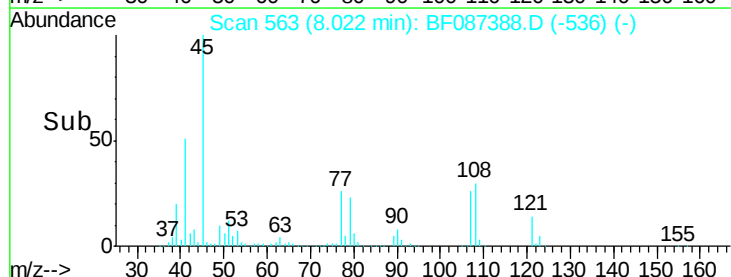
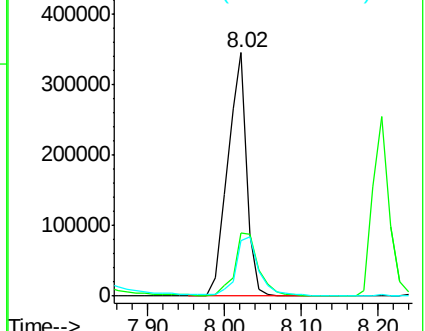
79 22.8 0.0 33.4

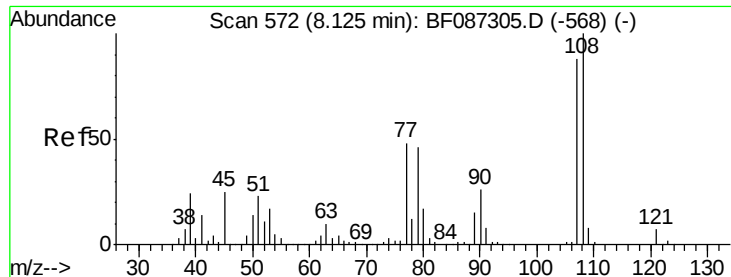


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

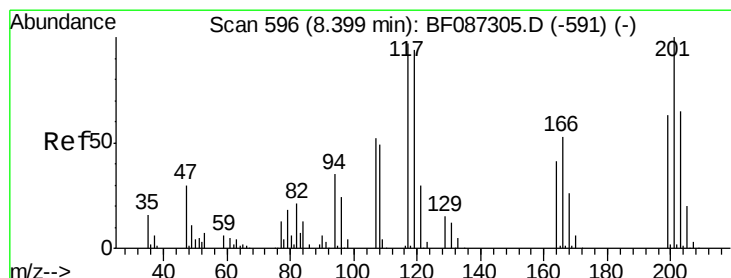
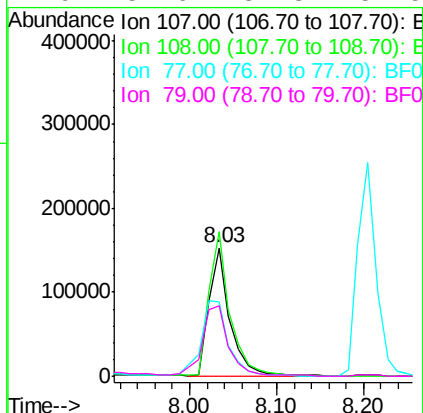
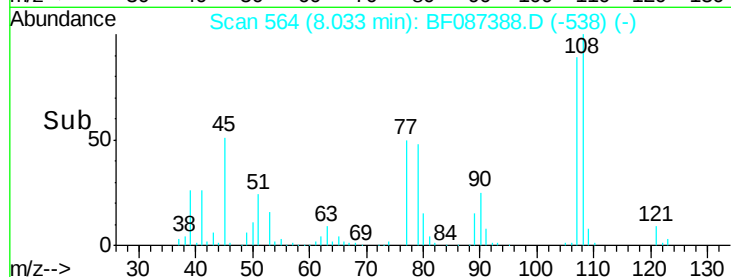
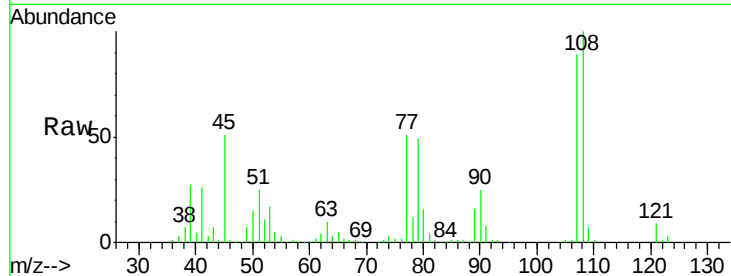




#17
2-Methylphenol
Concen: 40.92 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

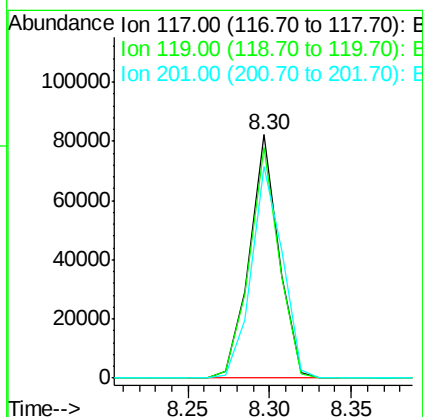
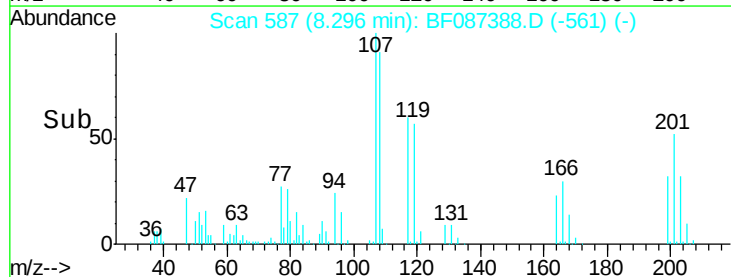
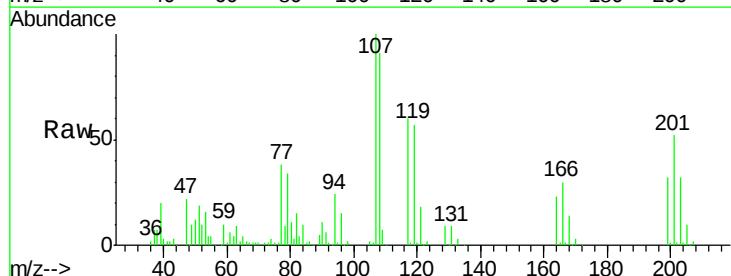
Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion:107 Resp: 255445
Ion Ratio Lower Upper
107 100
108 112.4 93.7 140.5
77 57.5 33.4 50.0#
79 54.6 34.3 51.5#



#18
Hexachloroethane
Concen: 31.52 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:117 Resp: 102578
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7
201 86.7 63.0 94.6

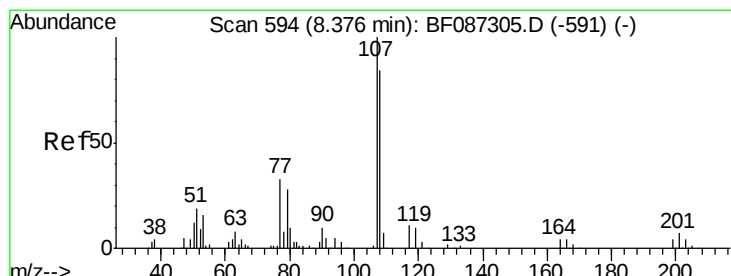
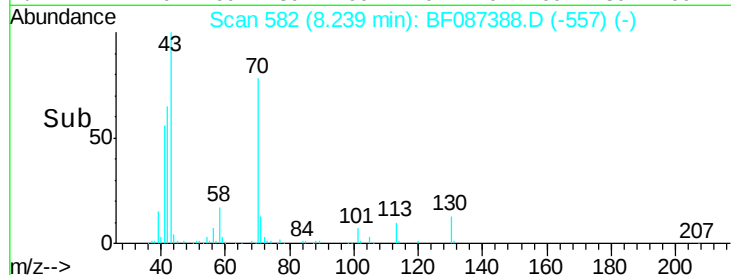
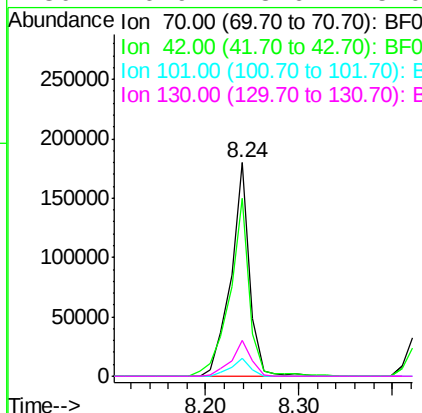
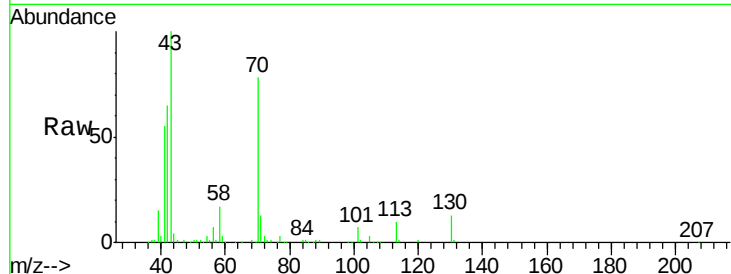




#19
n-Nitroso-di-n-propylamine
Concen: 40.09 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

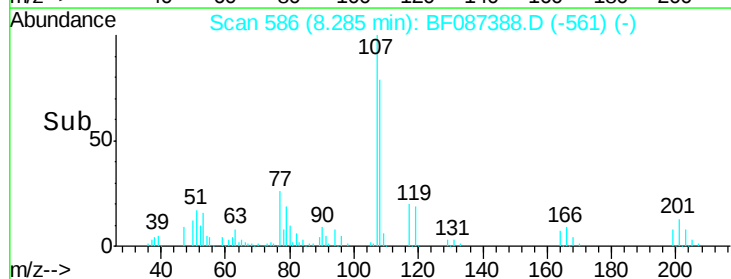
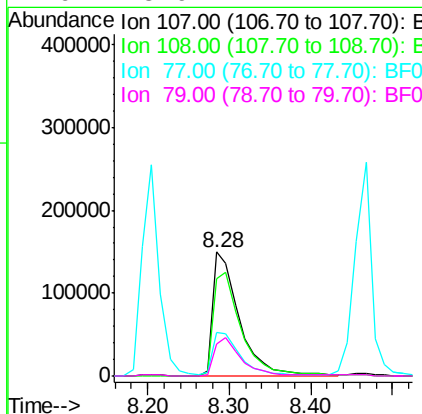
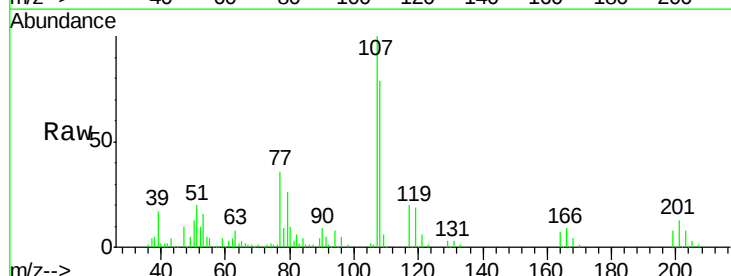
Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion: 70 Resp: 252384
Ion Ratio Lower Upper
70 100
42 83.5 43.1 64.7#
101 8.4 8.1 12.1
130 16.9 18.6 28.0#



#20
3+4-Methylphenols
Concen: 44.99 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion: 107 Resp: 339562
Ion Ratio Lower Upper
107 100
108 79.1 68.5 108.5
77 35.6 101.6 141.6#
79 25.9 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

Tgt Ion:136 Resp: 439800

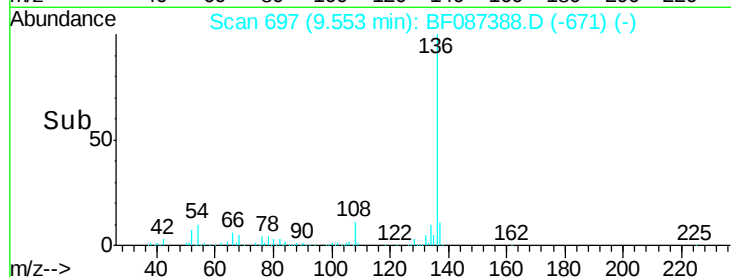
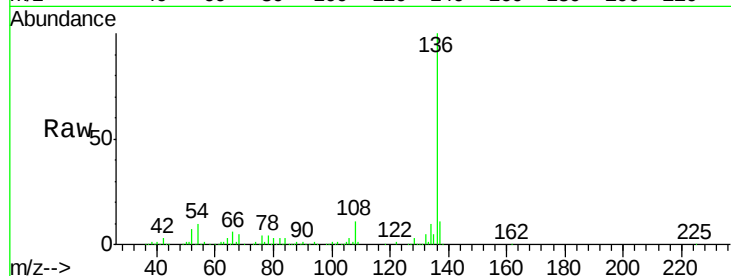
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.5 5.0 7.4#

68 5.4 4.4 6.6



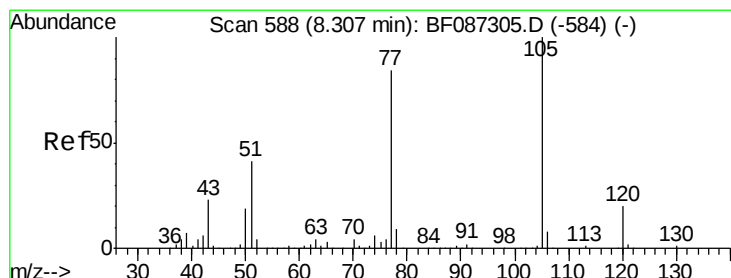
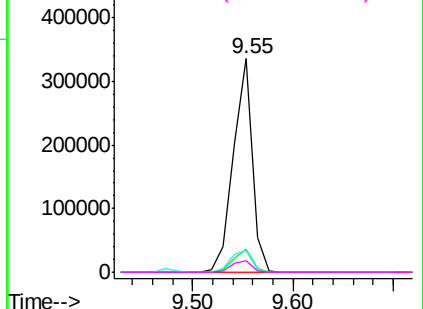
Abundance

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: 42.85 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:105 Resp: 450171

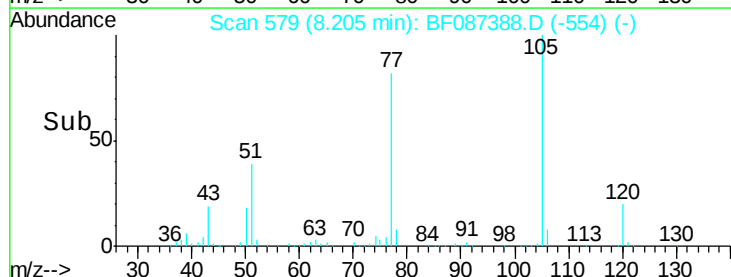
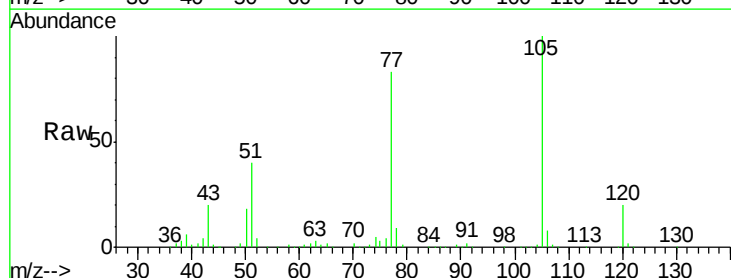
Ion Ratio Lower Upper

105 100

71 0.4 4.8 7.2#

51 39.9 32.6 49.0

120 20.1 16.5 24.7



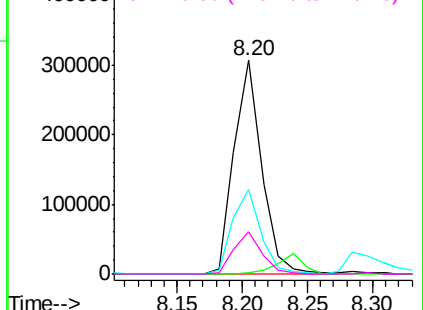
Abundance

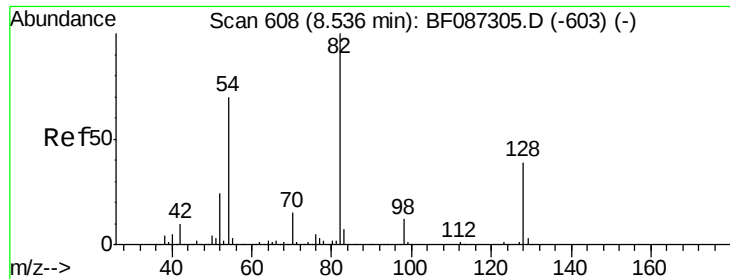
Ion 105.00 (104.70 to 105.70): E

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

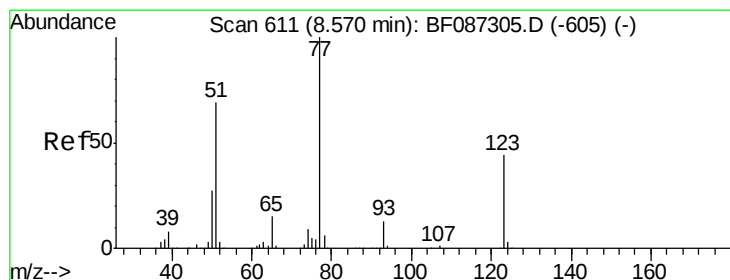
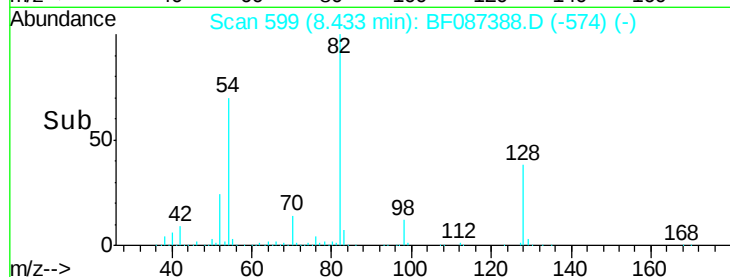
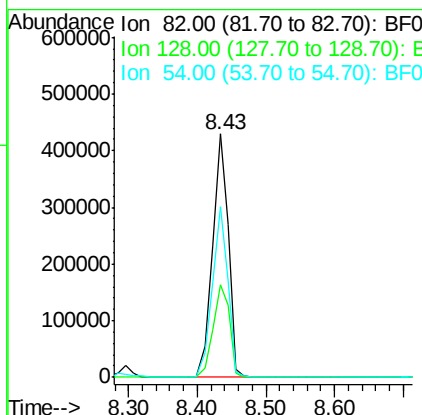
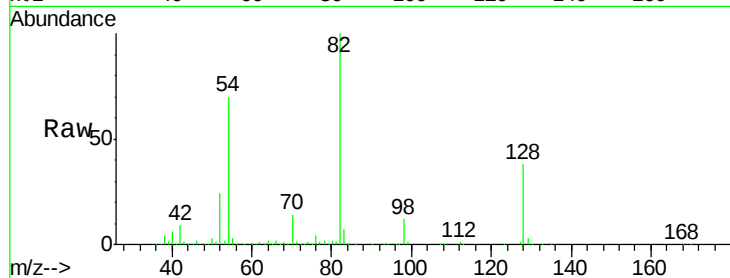




#23
 Nitrobenzene-d5
 Concen: 80.08 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

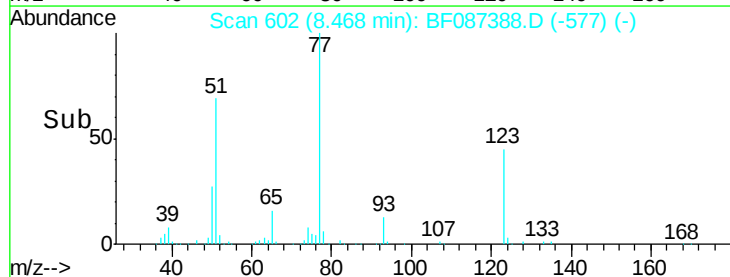
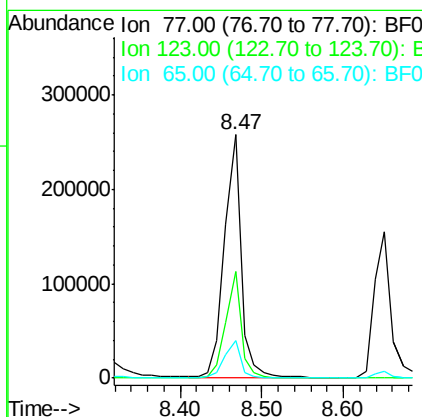
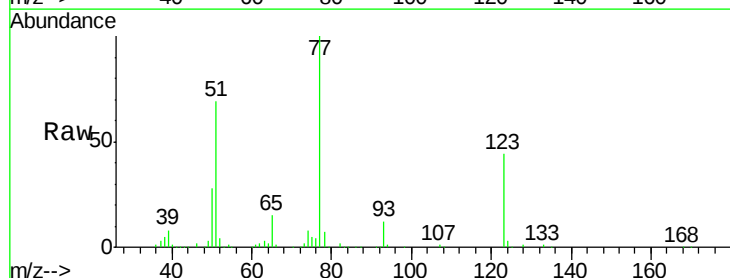
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

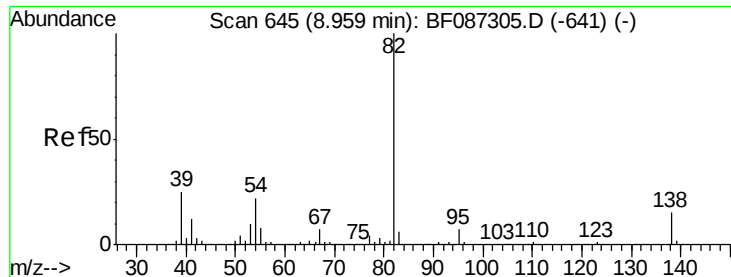
Tgt Ion: 82 Resp: 698798
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 70.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 39.69 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion: 77 Resp: 365613
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 39.87 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

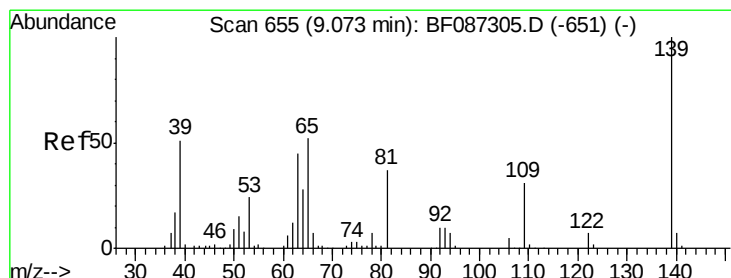
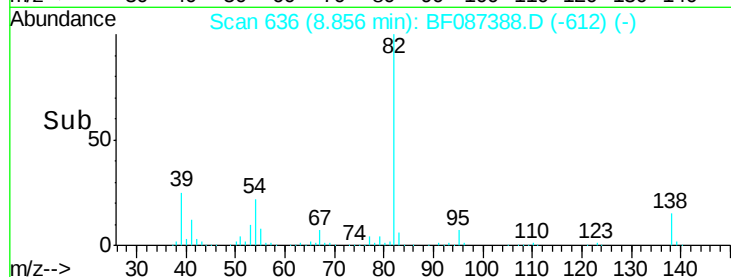
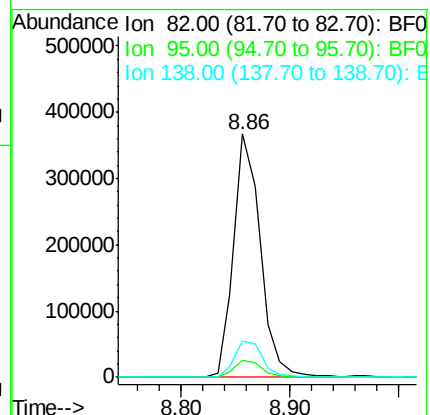
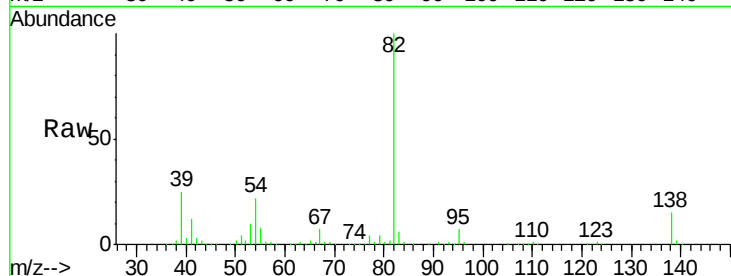
Tgt Ion: 82 Resp: 624027

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 14.6 12.4 18.6



#26

2-Nitrophenol

Concen: 37.36 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

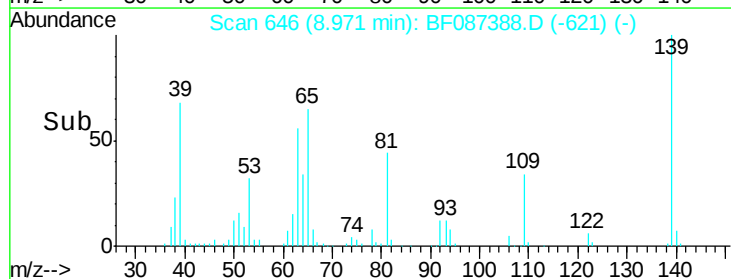
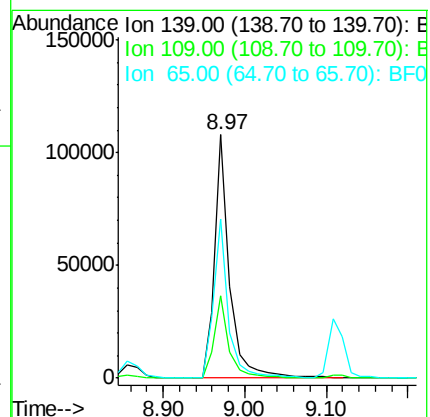
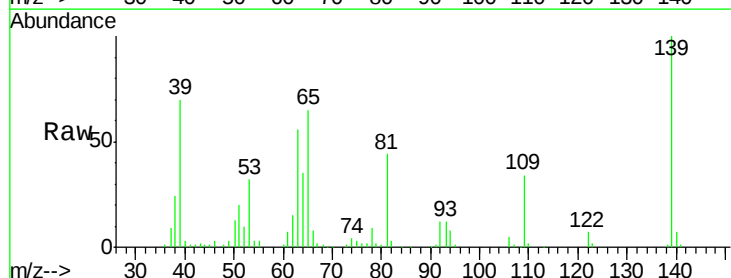
Tgt Ion: 139 Resp: 140680

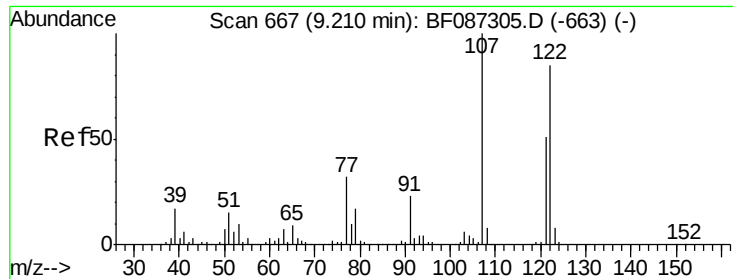
Ion Ratio Lower Upper

139 100

109 34.0 19.5 29.3#

65 65.2 37.5 56.3#

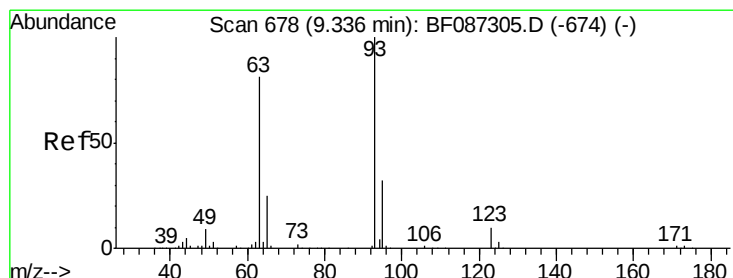
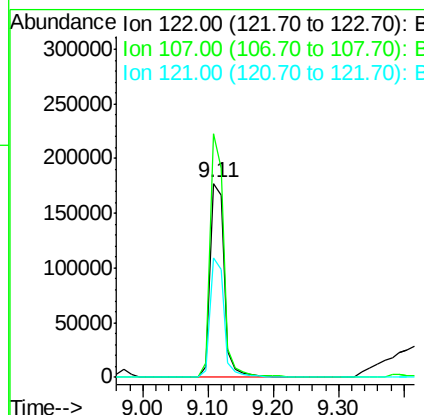
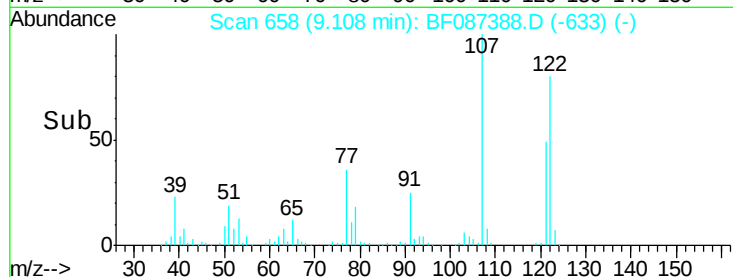
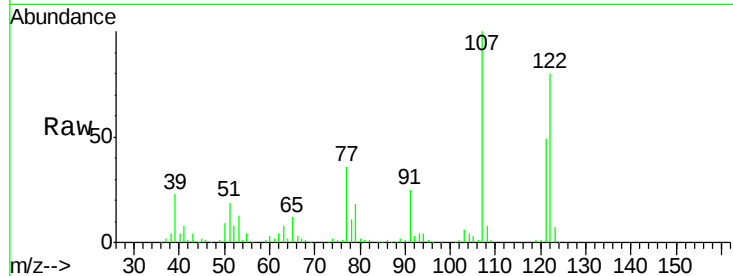




#27
 2,4-Dimethylphenol
 Concen: 41.67 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

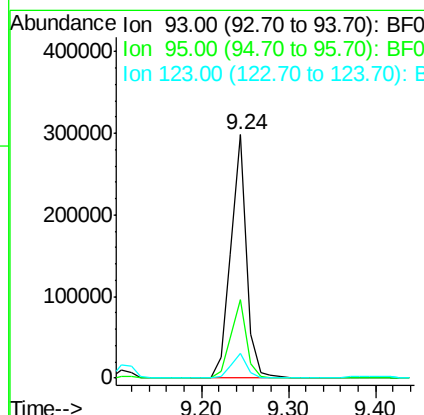
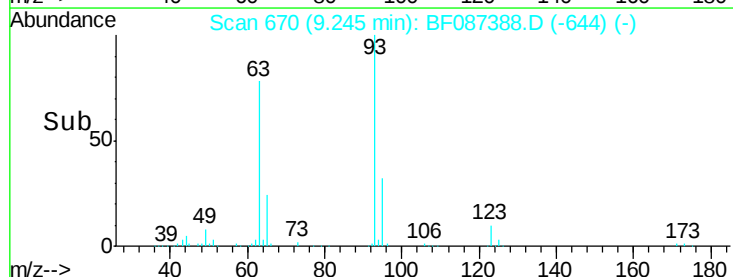
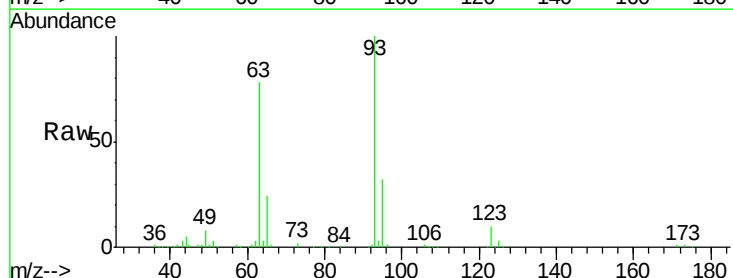
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

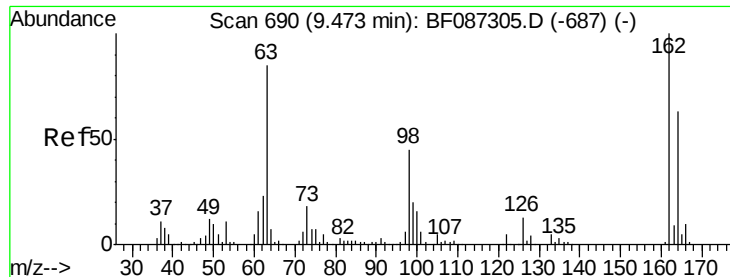
Tgt Ion:122 Resp: 272398
 Ion Ratio Lower Upper
 122 100
 107 125.6 82.0 123.0#
 121 61.6 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.50 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion: 93 Resp: 374631
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 10.0 9.5 14.3

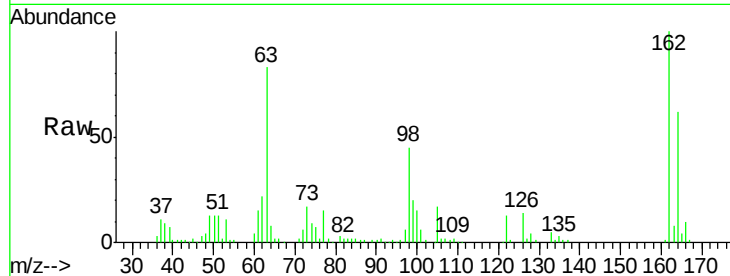




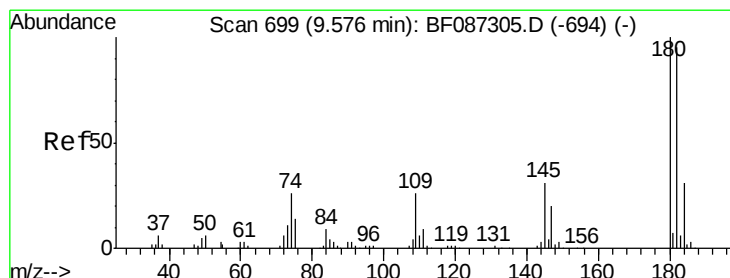
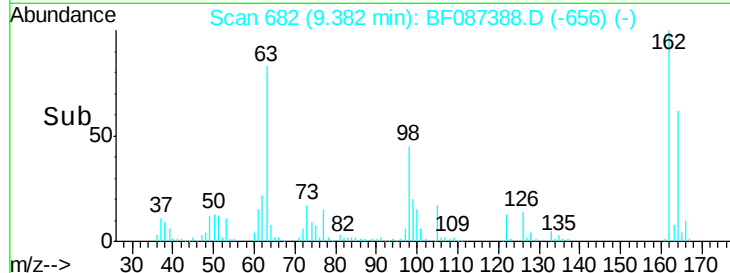
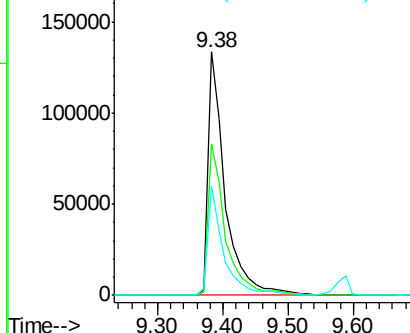
#29
 2,4-Dichlorophenol
 Concen: 41.34 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.2	82.2
98	44.6	19.0	59.0

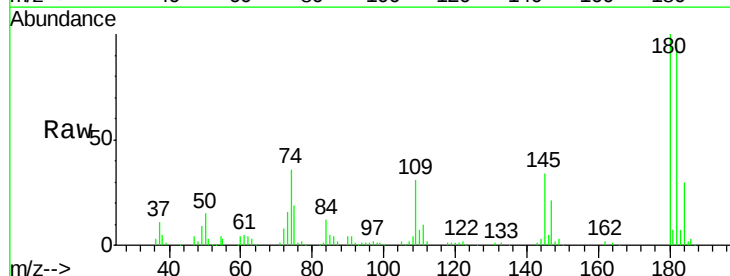


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

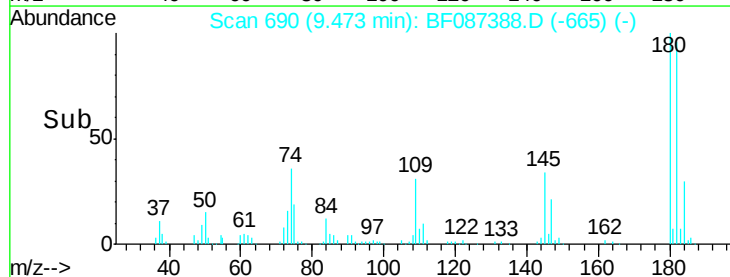
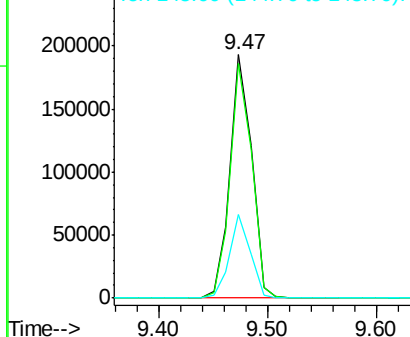


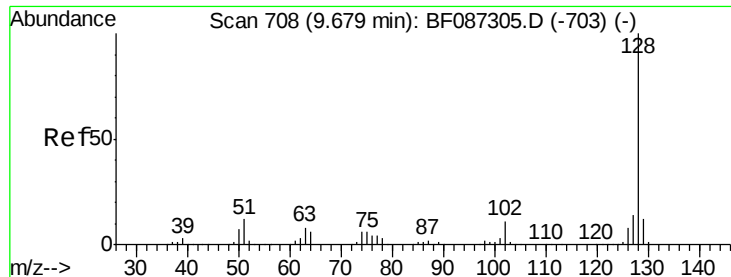
#30
 1,2,4-Trichlorobenzene
 Concen: 39.33 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.0	117.0
145	34.2	24.2	36.2



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

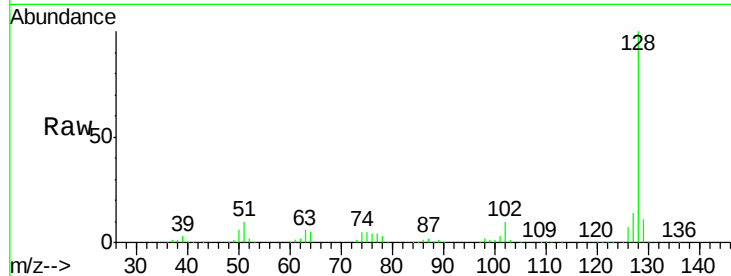




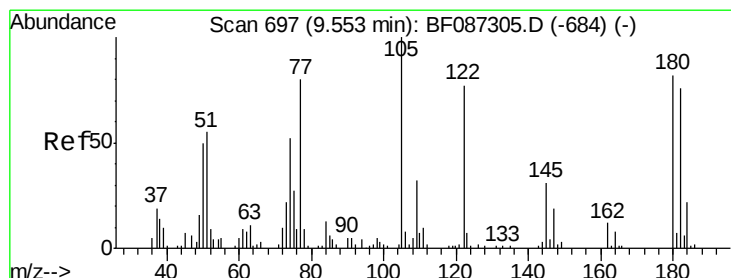
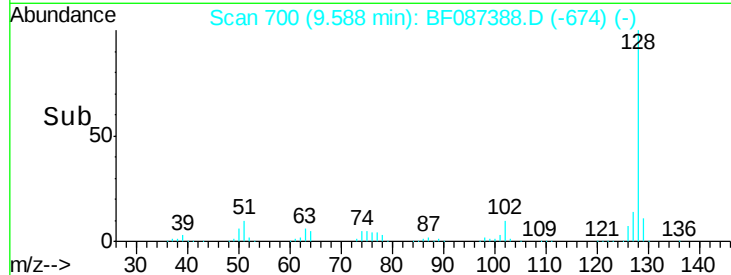
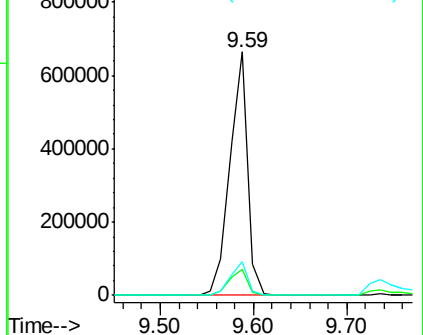
#31
Naphthalene
Concen: 40.10 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion:128 Resp: 883726
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.6 10.8 16.2

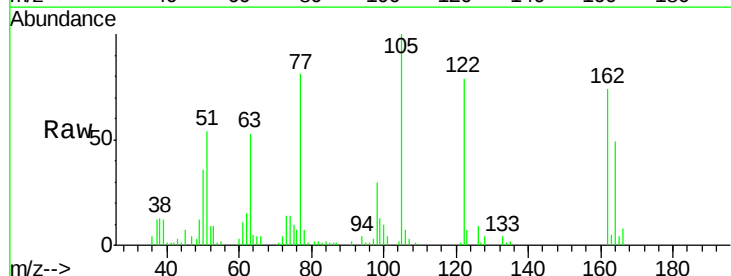


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

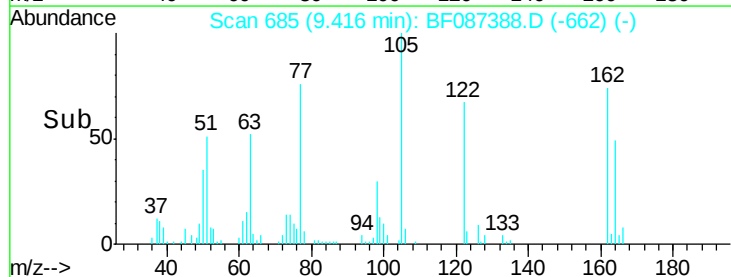
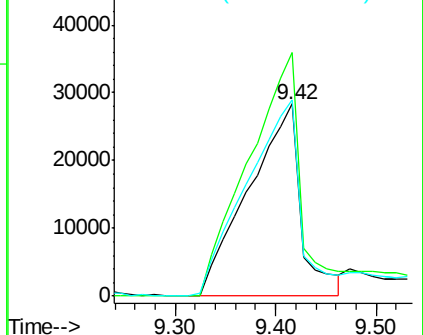


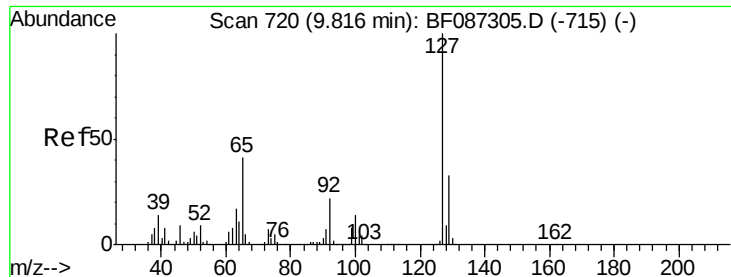
#32
Benzoic acid
Concen: 32.56 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:122 Resp: 102416
Ion Ratio Lower Upper
122 100
105 126.7 92.6 132.6
77 102.5 60.0 100.0#



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

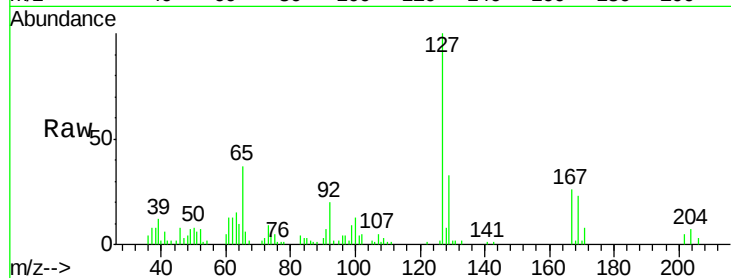




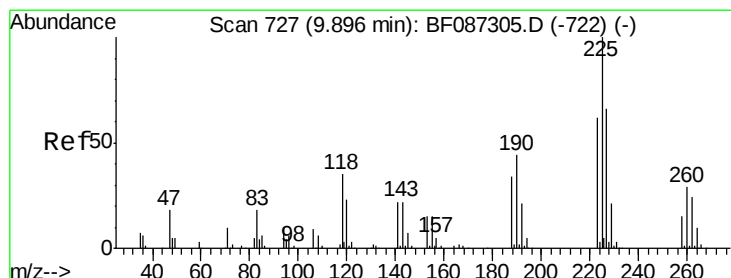
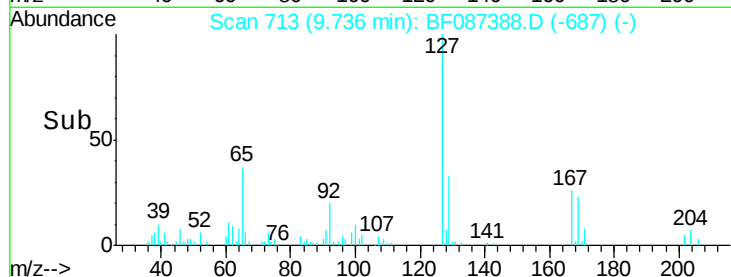
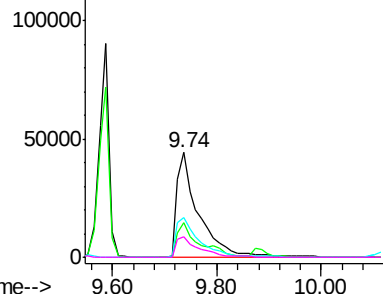
#33
4-Chloroaniline
Concen: 15.74 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion:	127	Resp:	127763
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	37.5	23.0	34.4
92	19.8	15.1	22.7

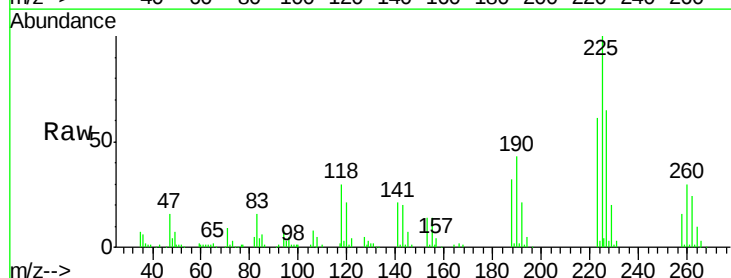


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

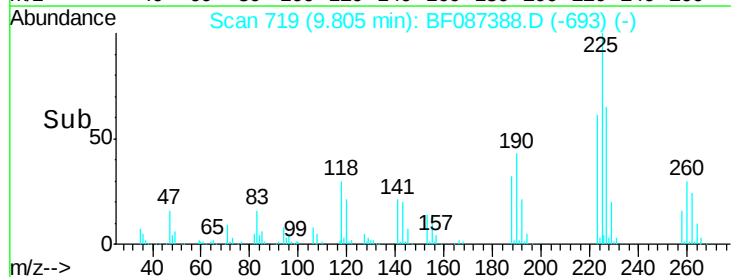
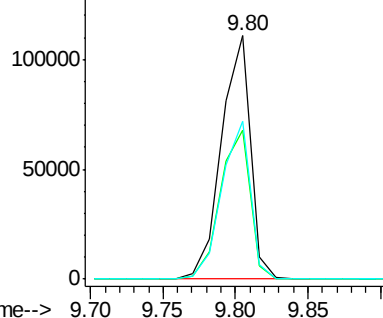


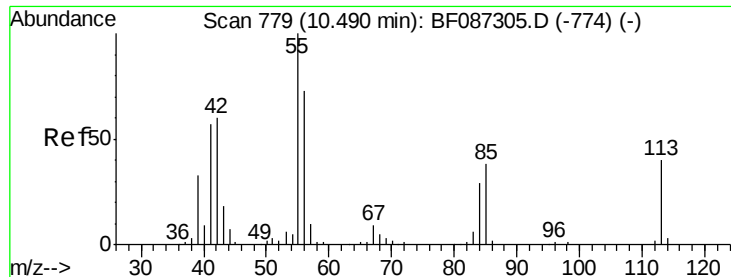
#34
Hexachlorobutadiene
Concen: 37.39 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:	225	Resp:	153269
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.5	77.3
227	64.6	52.2	78.2



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

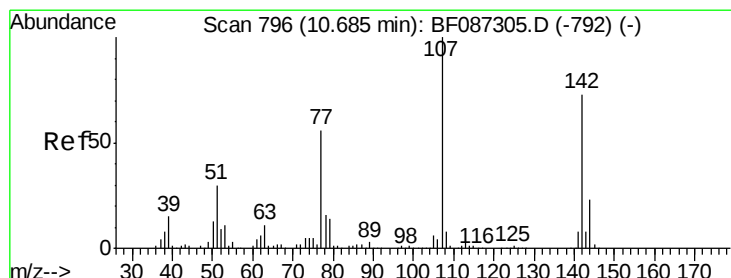
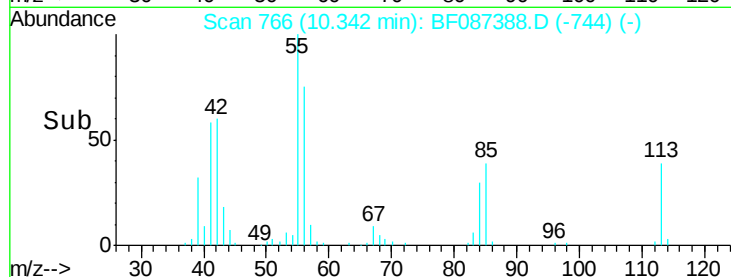
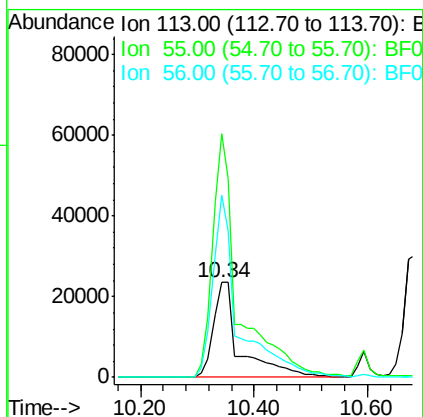
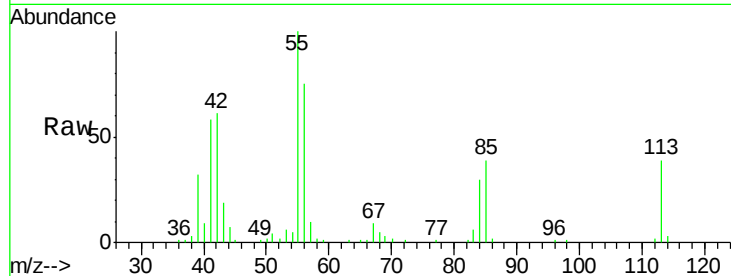




#35
 Caprolactam
 Concen: 44.17 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

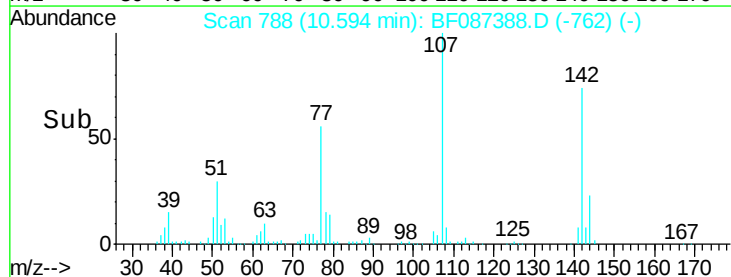
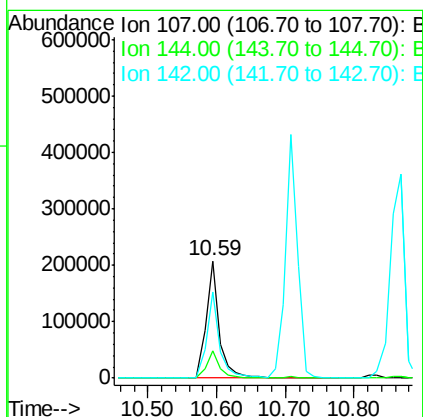
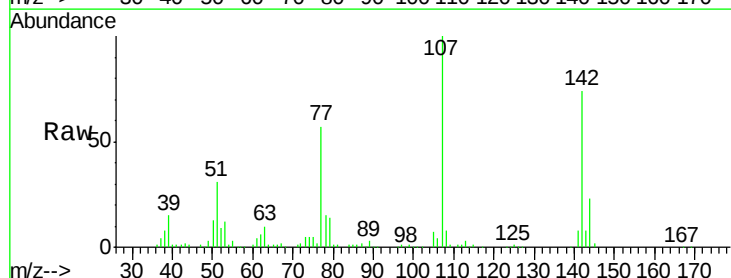
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

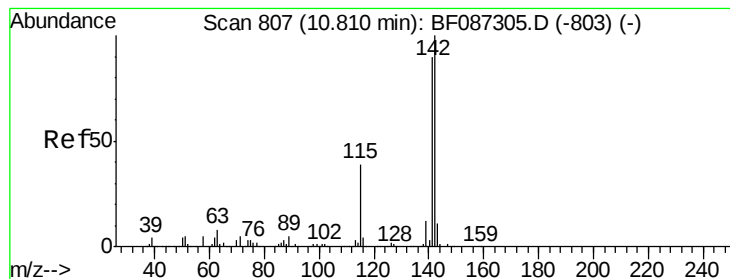
Tgt Ion:113 Resp: 75933
 Ion Ratio Lower Upper
 113 100
 55 256.5 162.0 202.0#
 56 192.4 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 41.53 ng
 RT: 10.59 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:107 Resp: 276610
 Ion Ratio Lower Upper
 107 100
 144 23.2 20.7 31.1
 142 73.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 37.96 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.15 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

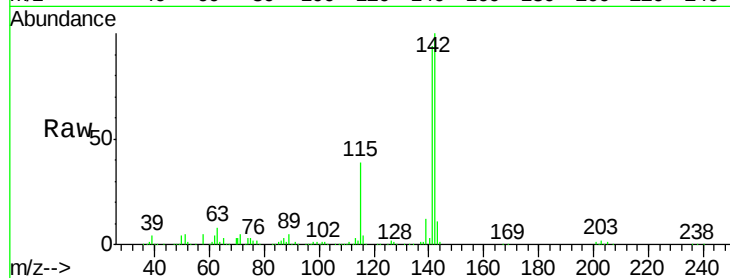
Tgt Ion:142 Resp: 522634

Ion Ratio Lower Upper

142 100

141 93.9 71.0 106.6

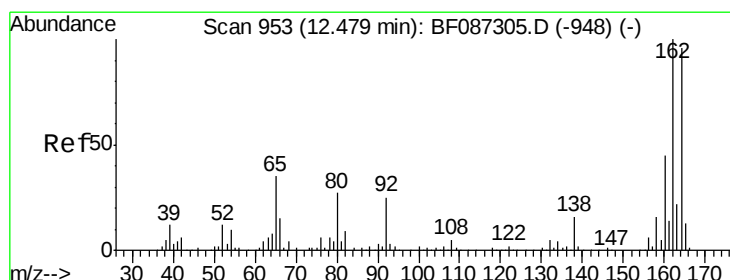
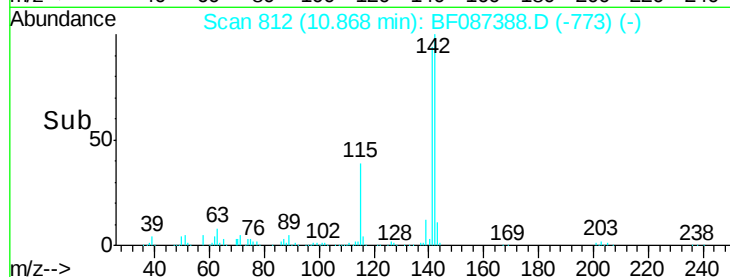
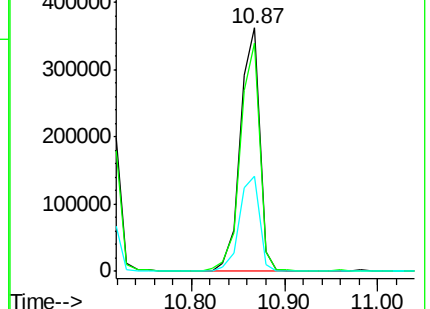
115 39.0 26.6 39.8



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: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

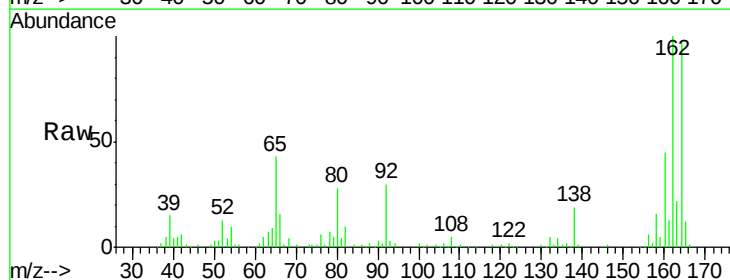
Tgt Ion:164 Resp: 182016

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

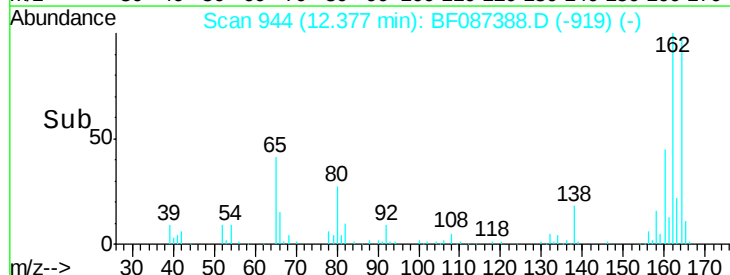
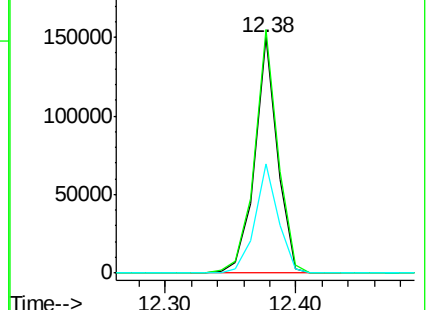
160 46.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

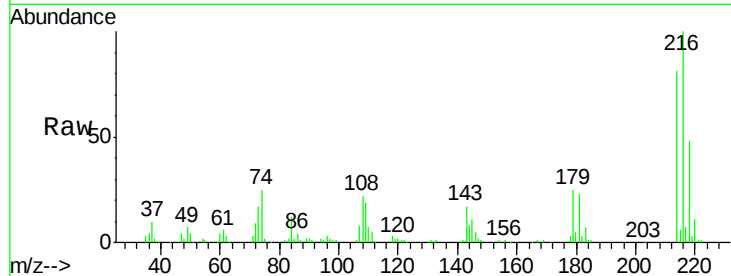




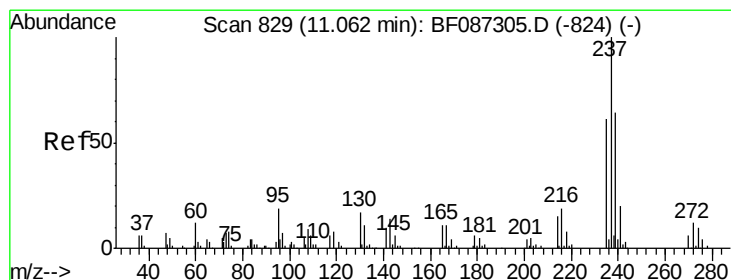
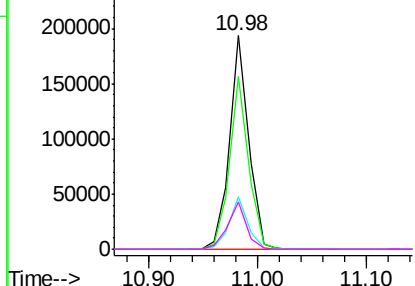
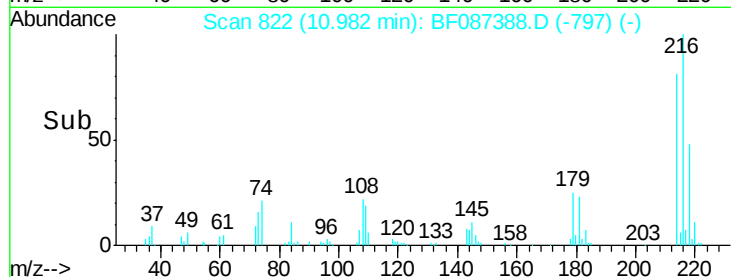
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.18 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion:	216	Resp:	234085
Ion Ratio	Lower	Upper	
216	100		
214	79.9	62.6	93.8
179	23.9	18.2	27.4
108	21.8	17.5	26.3

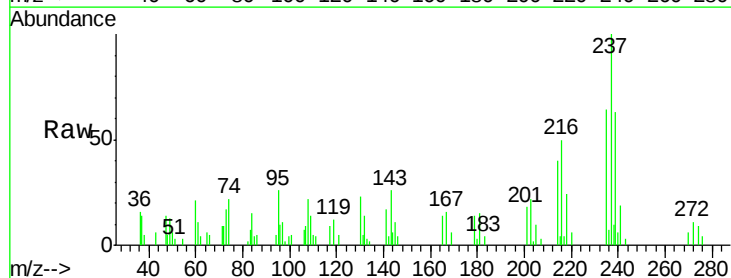


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

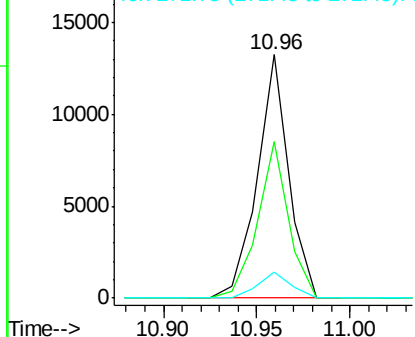
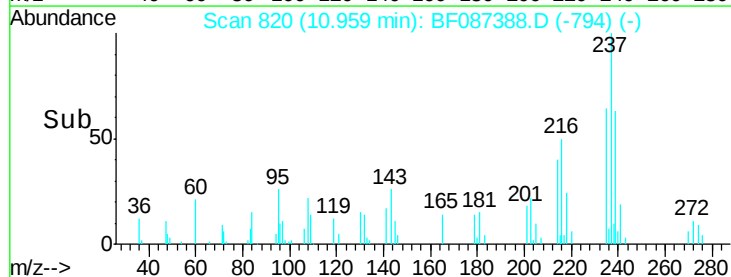


#40
 Hexachlorocyclopentadiene
 Concen: 15.20 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:	237	Resp:	15601
Ion Ratio	Lower	Upper	
237	100		
235	64.2	47.2	87.2
272	11.0	0.0	31.1



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

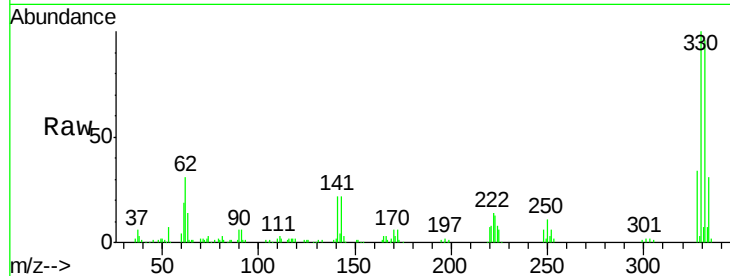




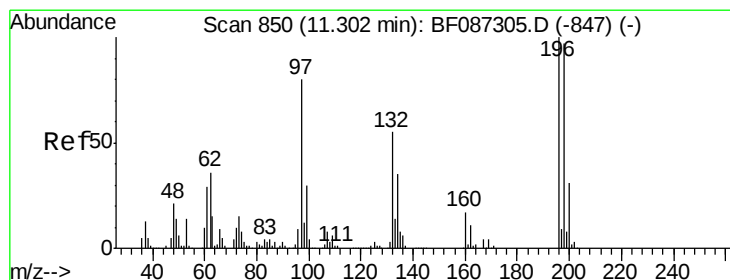
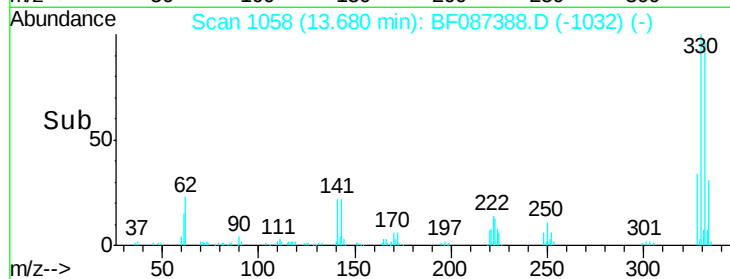
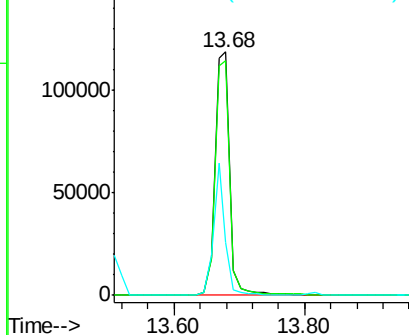
#41
 2,4,6-Tribromophenol
 Concen: 109.04 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	42.7	31.2	46.8

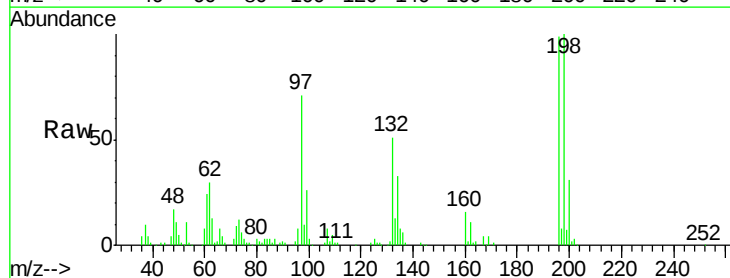


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

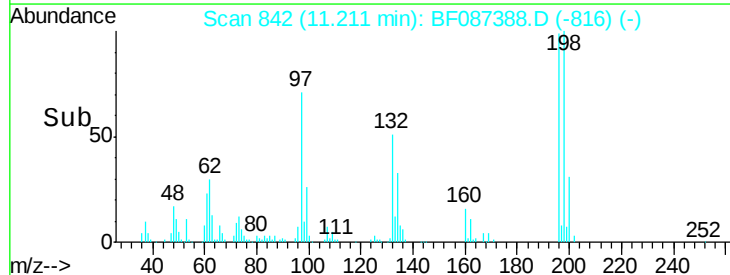
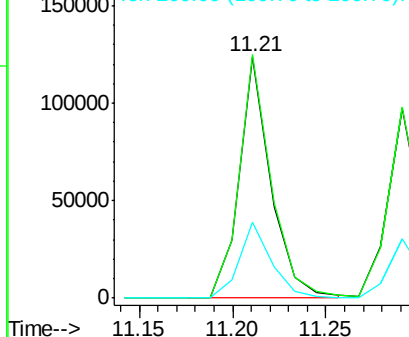


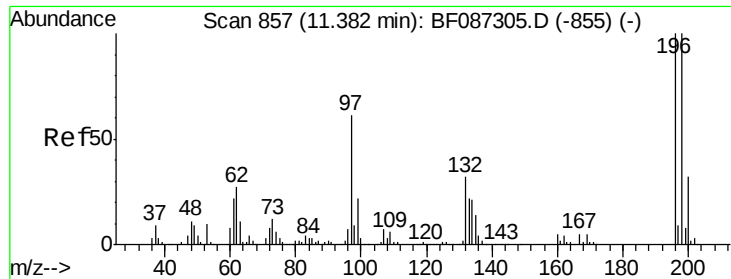
#42
 2,4,6-Trichlorophenol
 Concen: 44.07 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	74.7	112.1
200	31.7	23.8	35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

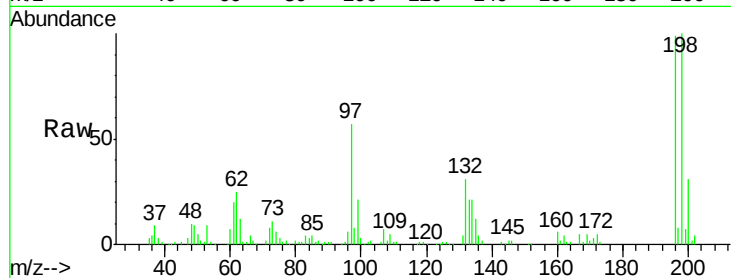




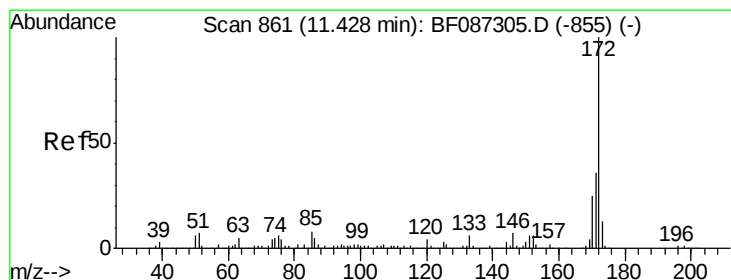
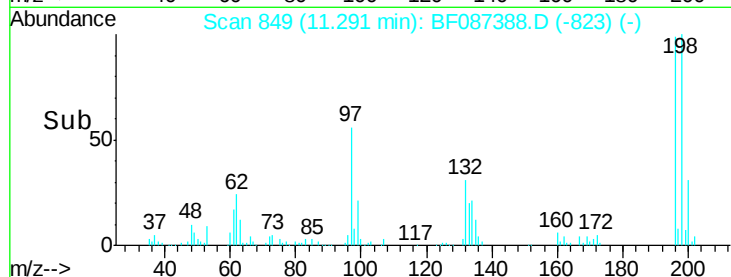
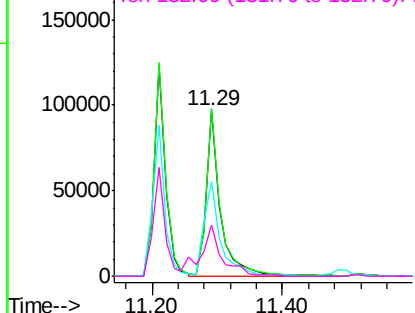
#43
 2,4,5-Trichlorophenol
 Concen: 42.53 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion:196 Resp: 145650
 Ion Ratio Lower Upper
 196 100
 198 100.7 77.5 116.3
 97 57.3 34.8 52.2#
 132 31.0 23.0 34.4

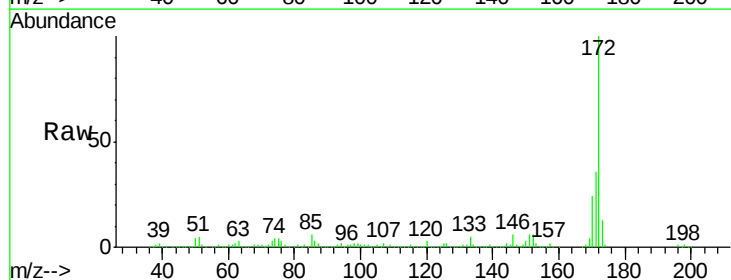


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

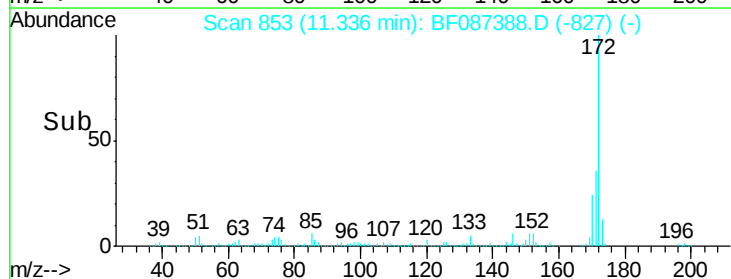
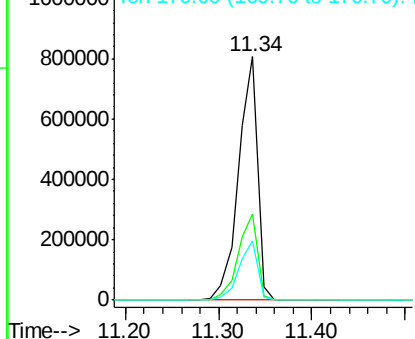


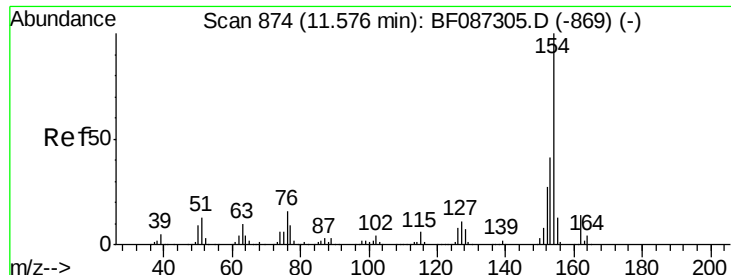
#44
 2-Fluorobiphenyl
 Concen: 88.36 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:172 Resp: 1140784
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.4 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

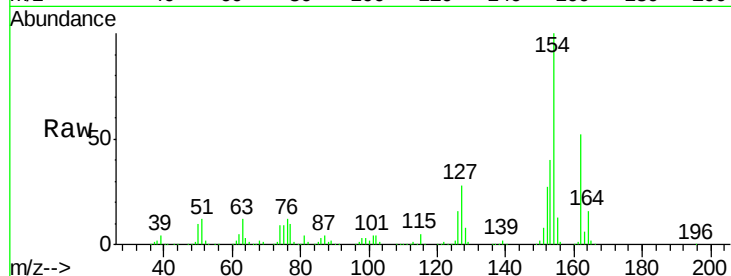




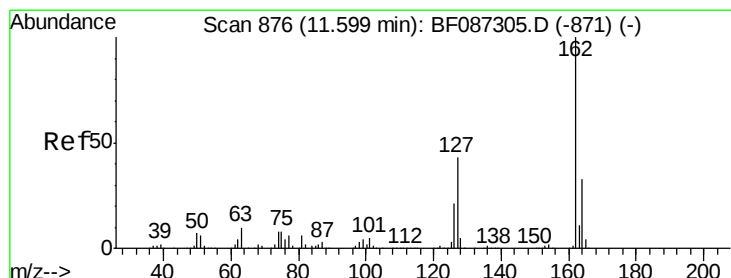
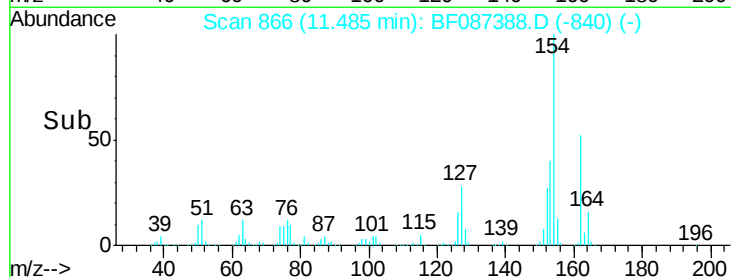
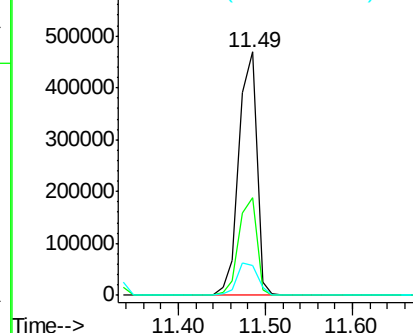
#45
 1,1'-Biphenyl
 Concen: 43.69 ng
 RT: 11.49 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion:154 Resp: 669538
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.3 60.3
 76 12.5 0.0 30.2

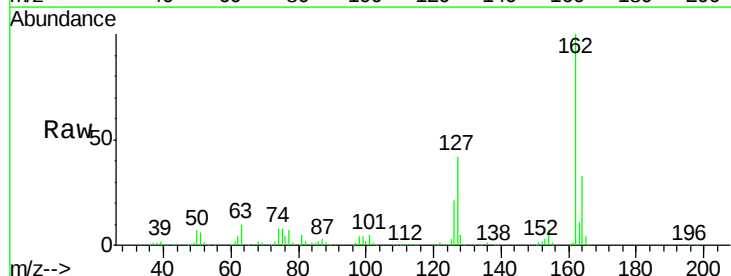


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

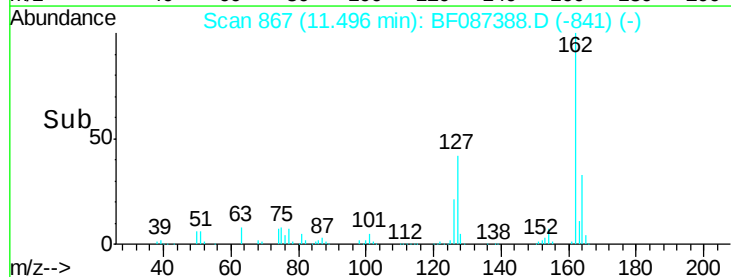
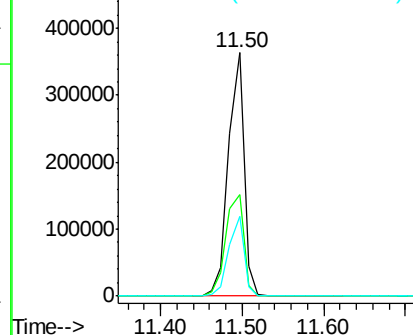


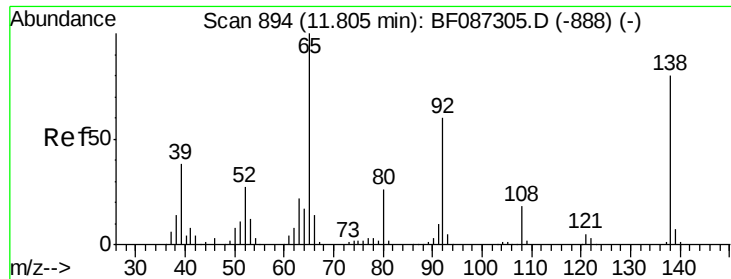
#46
 2-Chloronaphthalene
 Concen: 41.40 ng
 RT: 11.50 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:162 Resp: 485423
 Ion Ratio Lower Upper
 162 100
 127 41.9 31.8 47.6
 164 33.0 27.0 40.6



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

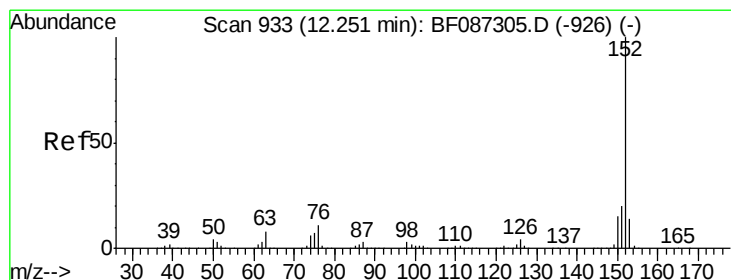
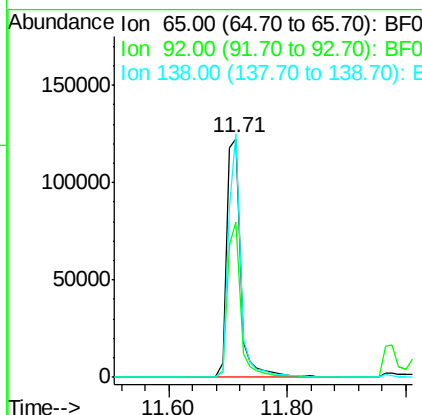
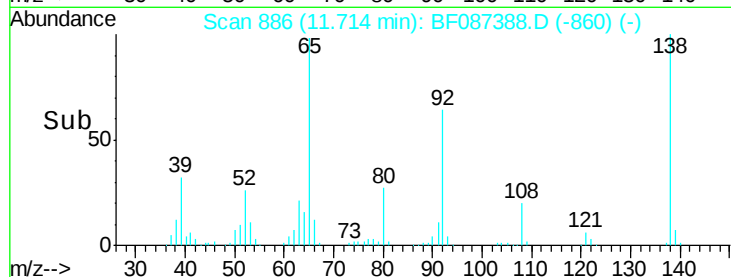
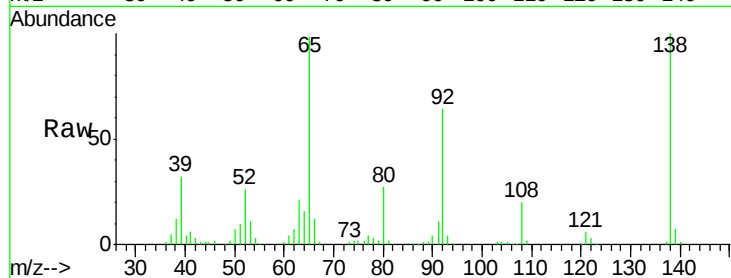




#47
 2-Nitroaniline
 Concen: 47.72 ng
 RT: 11.71 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

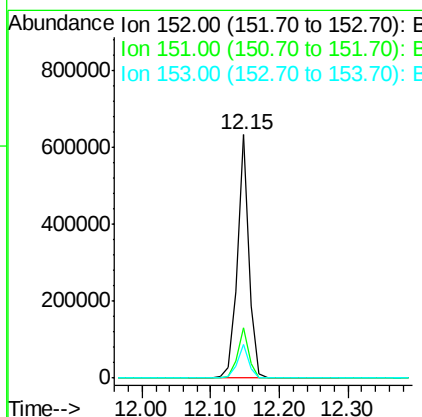
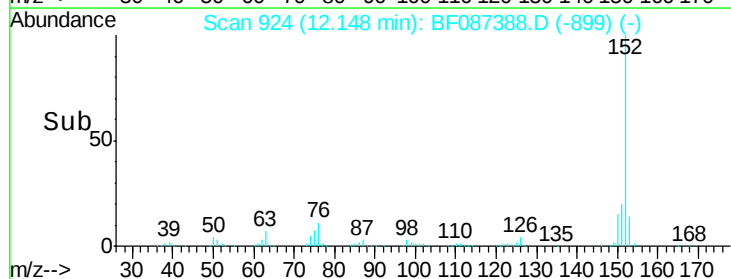
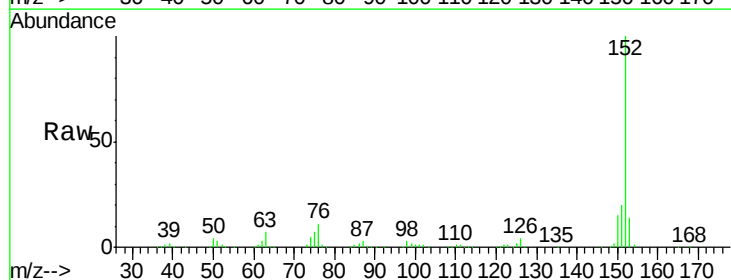
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

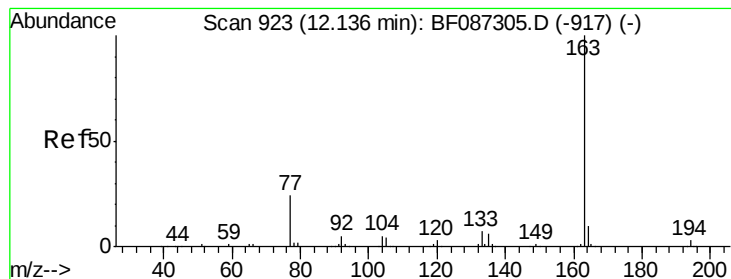
Tgt Ion:	65	Resp:	201576
Ion	Ratio	Lower	Upper
65	100		
92	64.8	57.4	86.2
138	102.0	90.1	135.1



#48
 Acenaphthylene
 Concen: 40.62 ng
 RT: 12.15 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:	152	Resp:	753928
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.7	10.9	16.3





#49

Dimethylphthalate

Concen: 42.53 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampled :

PB90852BS

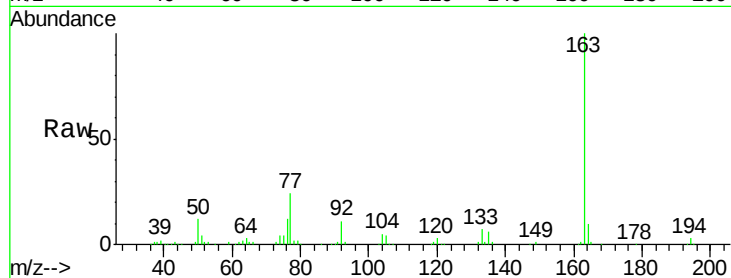
Tgt Ion:163 Resp: 620183

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

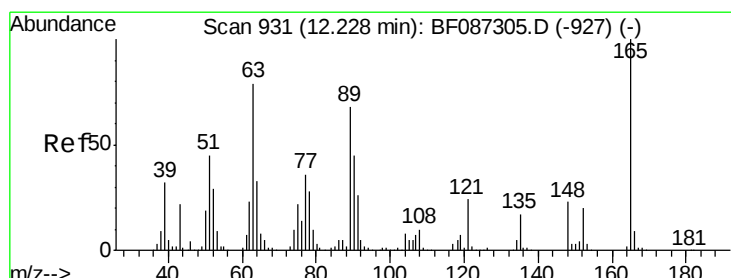
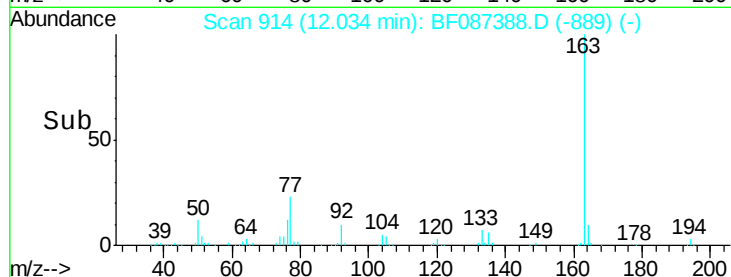
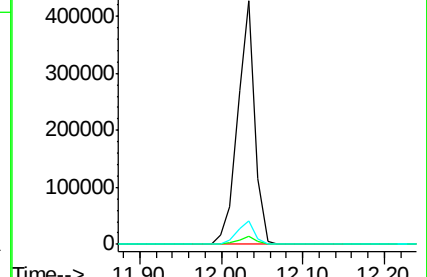
164 9.8 8.2 12.4



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: 41.20 ng

RT: 12.13 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

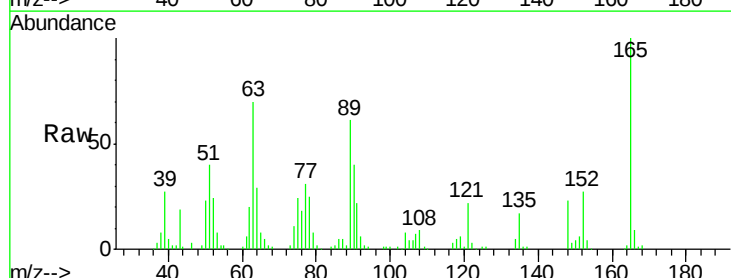
Tgt Ion:165 Resp: 121039

Ion Ratio Lower Upper

165 100

63 70.0 51.8 77.8

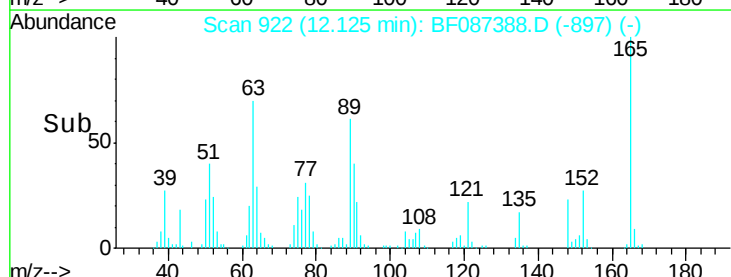
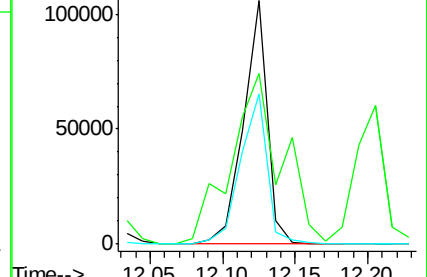
89 61.5 50.7 76.1

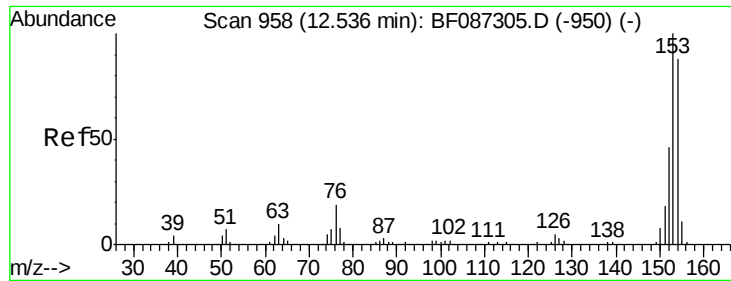


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.46 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

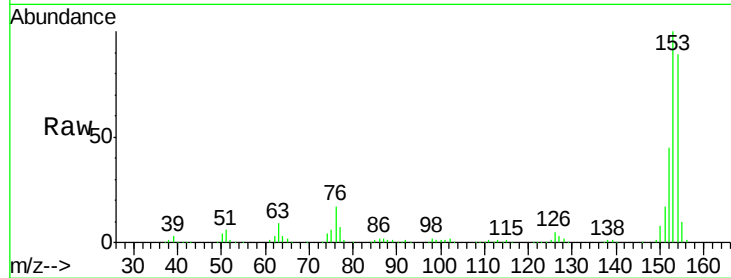
Tgt Ion:154 Resp: 461570

Ion Ratio Lower Upper

154 100

153 112.9 89.8 134.6

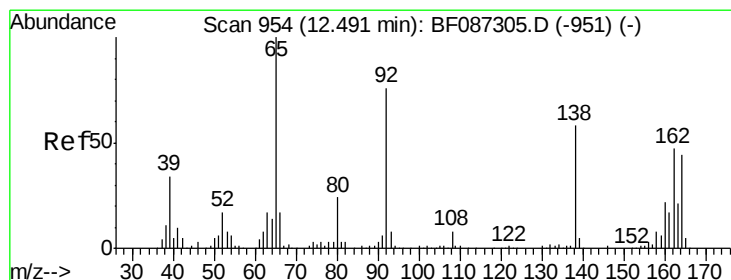
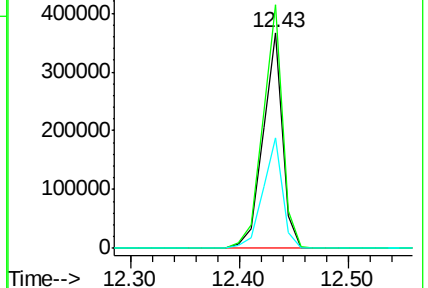
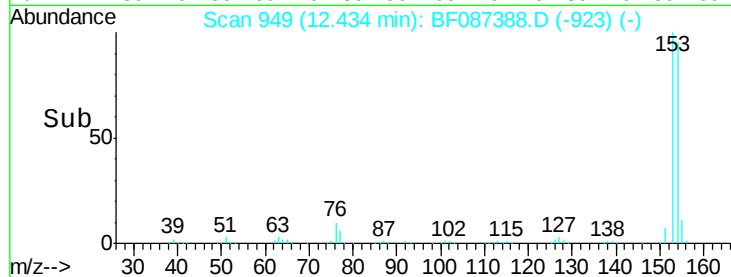
152 51.3 43.4 65.0



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: 33.98 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

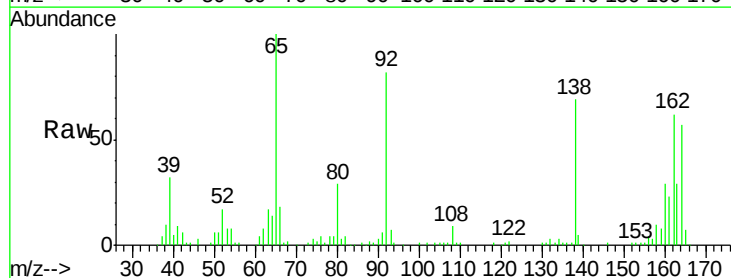
Tgt Ion:138 Resp: 102472

Ion Ratio Lower Upper

138 100

108 12.4 7.8 11.6#

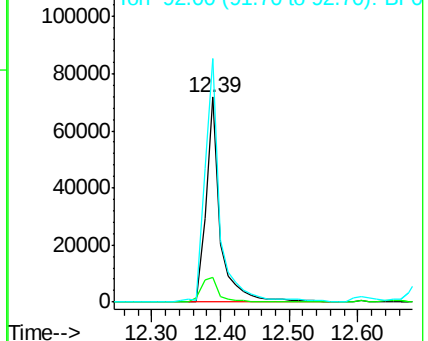
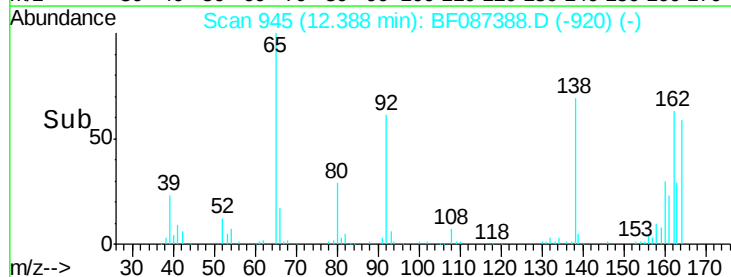
92 118.8 87.8 131.8

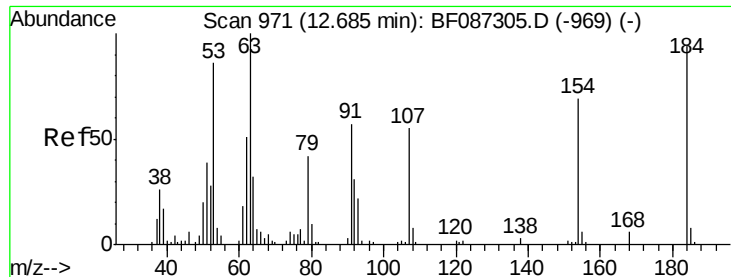


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

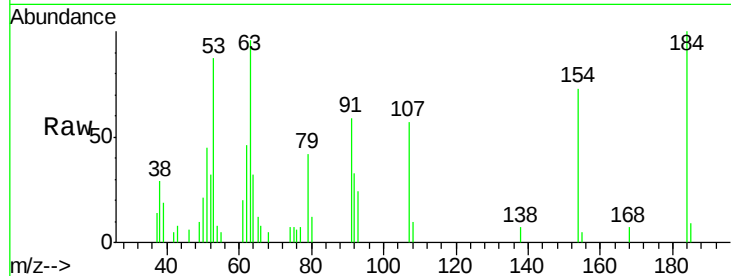




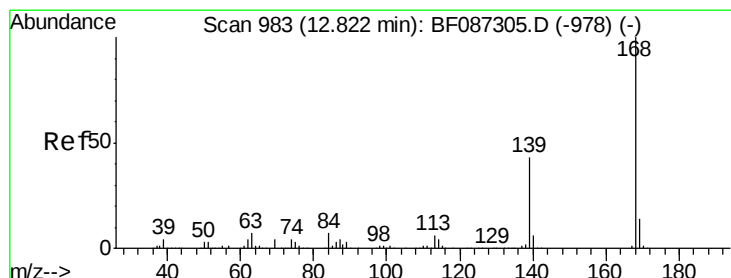
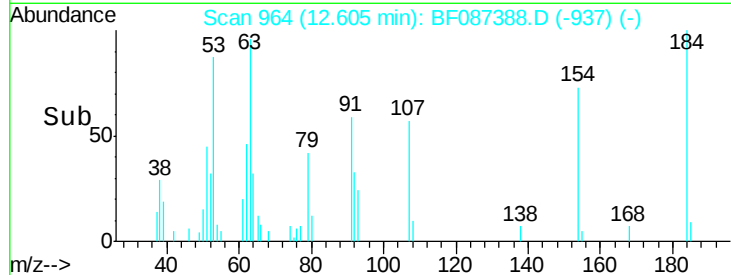
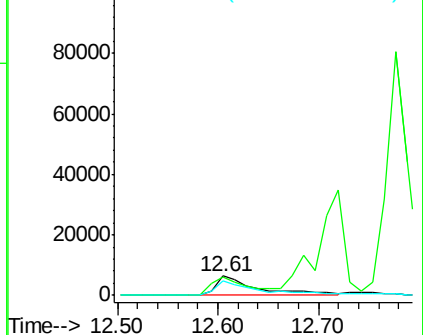
#53
2,4-Dinitrophenol
Concen: 17.68 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion:184 Resp: 18231
Ion Ratio Lower Upper
184 100
63 96.4 55.8 83.8#
154 73.2 62.4 93.6

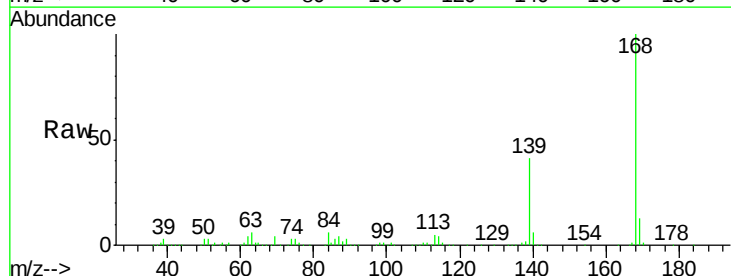


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

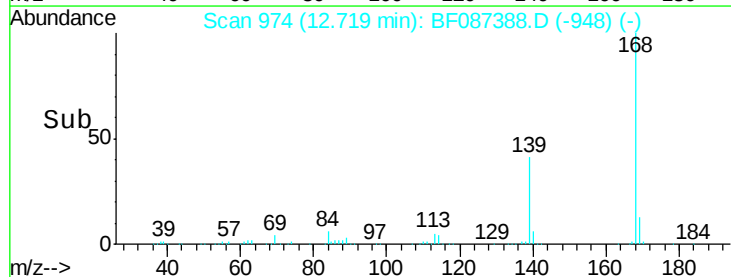
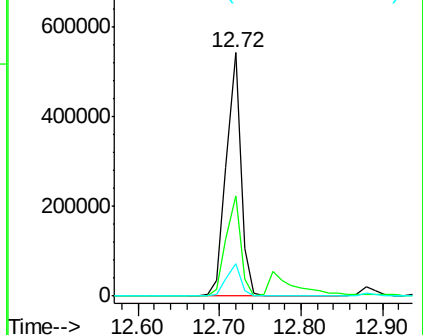


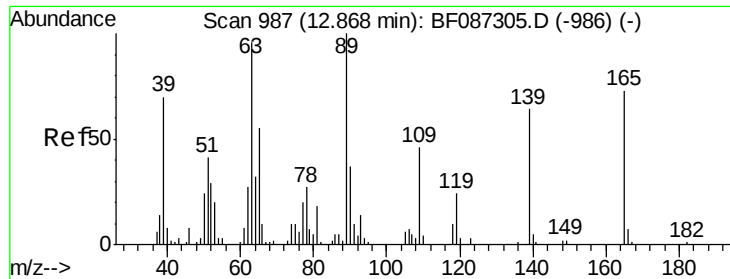
#54
Dibenzofuran
Concen: 43.91 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:168 Resp: 678264
Ion Ratio Lower Upper
168 100
139 41.2 31.4 47.0
169 13.3 10.7 16.1



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

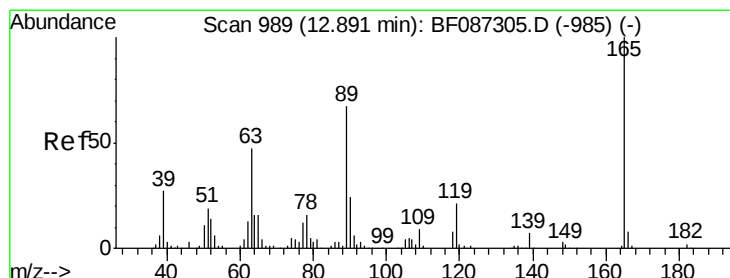
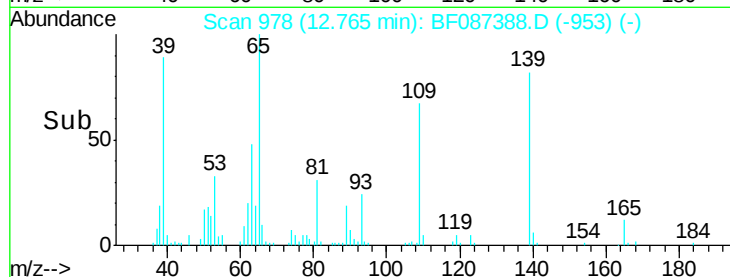
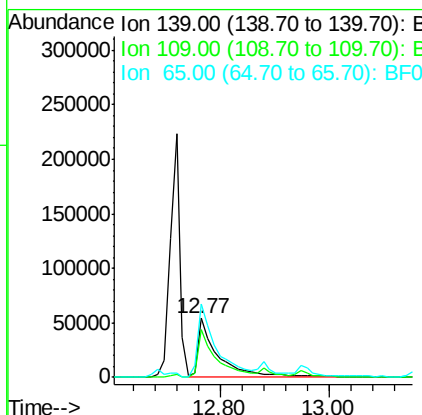
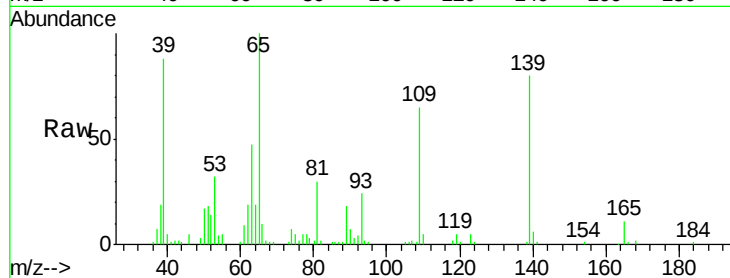




#55
4-Nitrophenol
Concen: 91.77 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

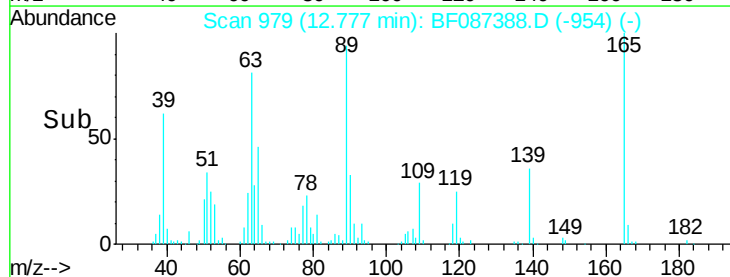
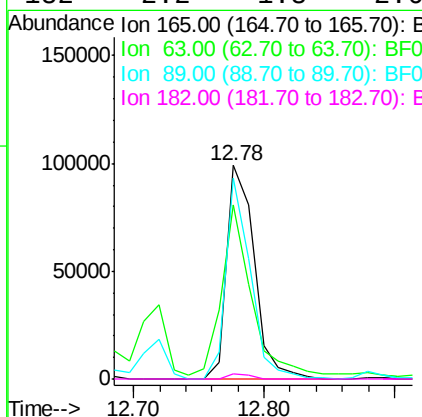
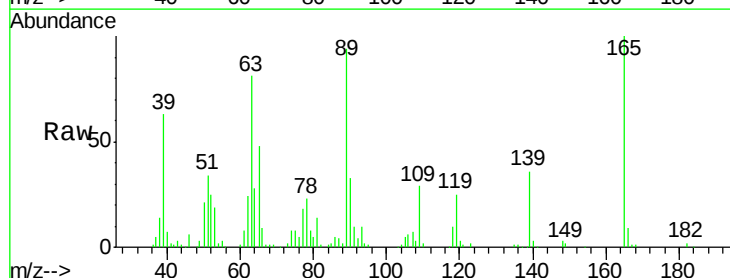
Instrument :
BNA_F
ClientSampleId :
PB90852BS

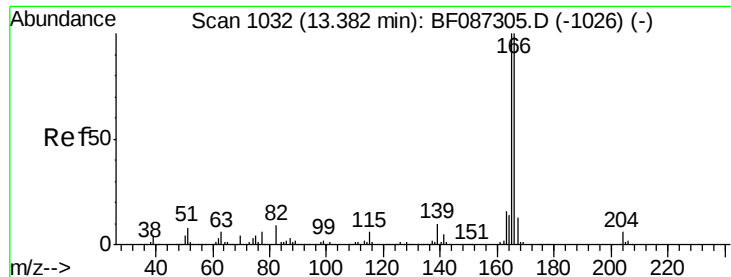
Tgt Ion:139 Resp: 132000
Ion Ratio Lower Upper
139 100
109 82.1 36.9 76.9#
65 125.4 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 37.05 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:165 Resp: 145493
Ion Ratio Lower Upper
165 100
63 81.2 44.3 66.5#
89 93.8 70.0 105.0
182 2.2 1.8 2.6





#57

Fluorene

Concen: 38.92 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

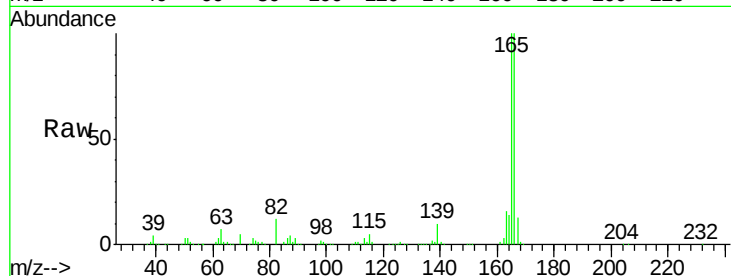
Tgt Ion:166 Resp: 521364

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

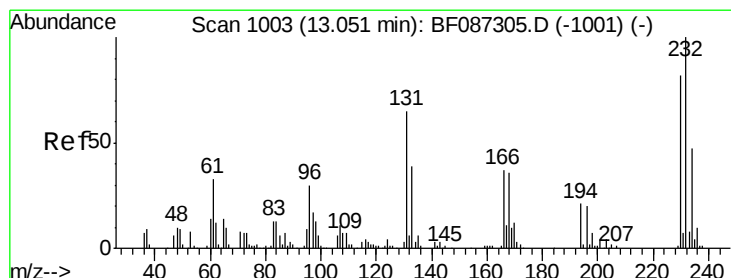
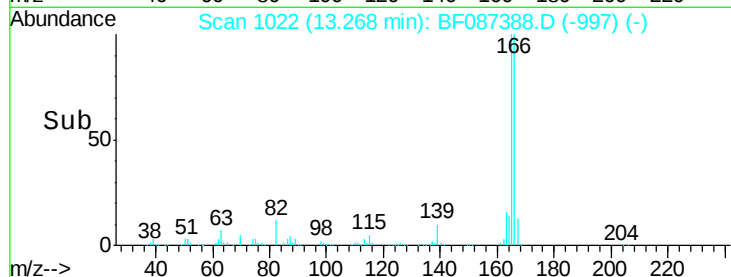
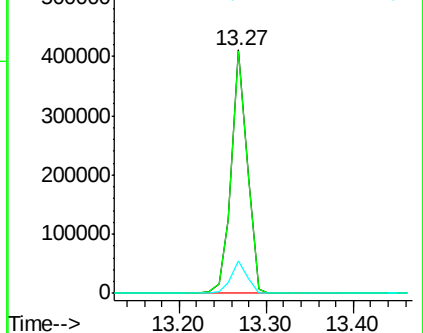
167 13.5 10.6 15.8



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: 38.77 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.08 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Tgt Ion:232 Resp: 102152

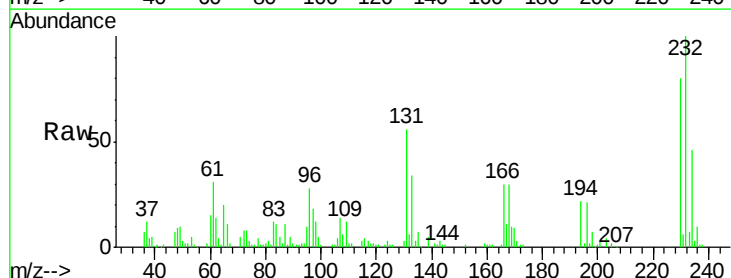
Ion Ratio Lower Upper

232 100

131 48.7 41.9 62.9

130 2.8 2.2 3.4

166 27.4 26.8 40.2

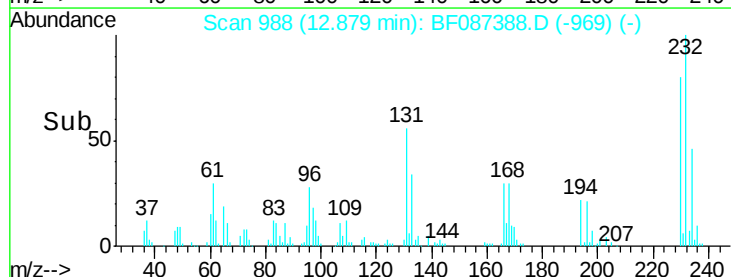
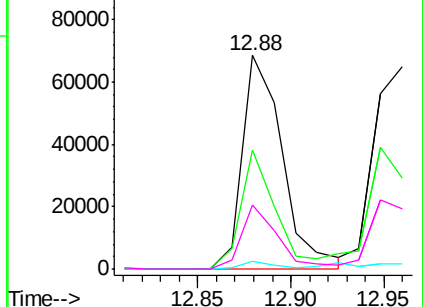


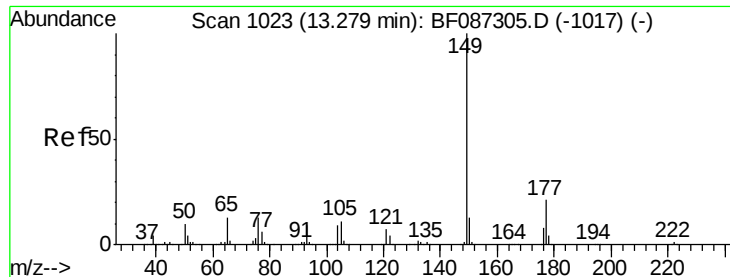
Abundance Ion 232.00 (231.70 to 232.70): E

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

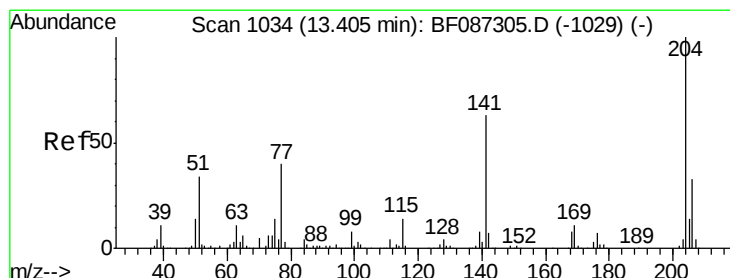
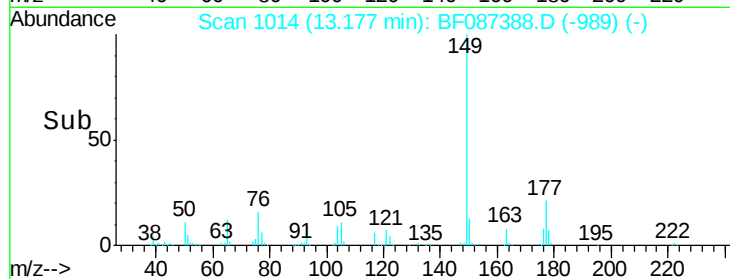
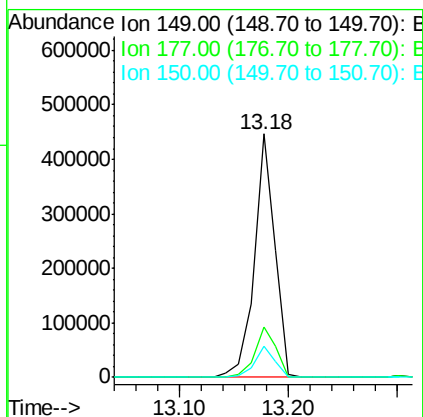
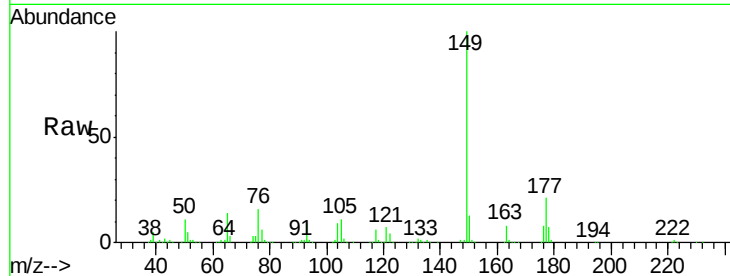




#59
Diethylphthalate
Concen: 41.30 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

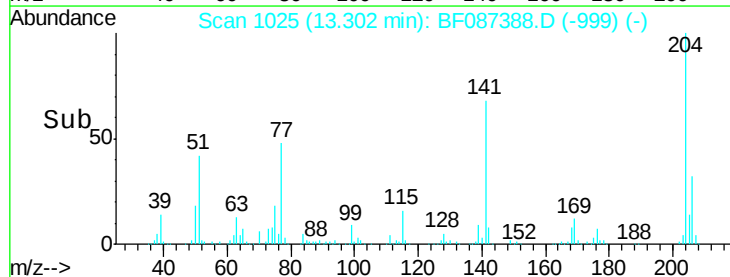
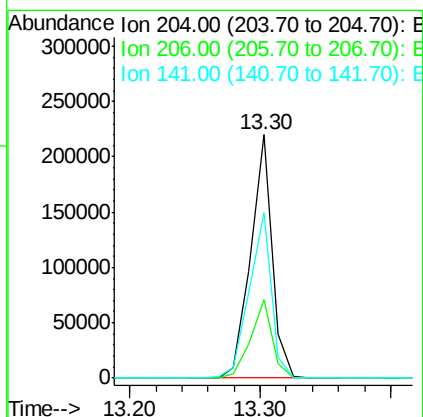
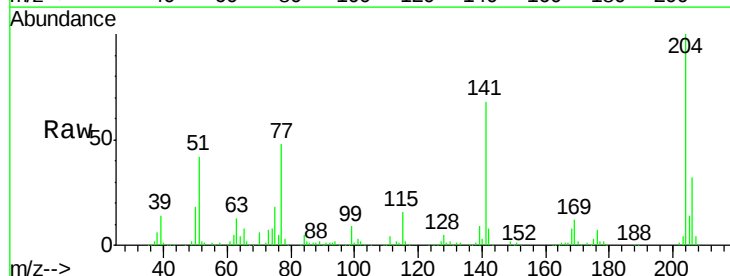
Instrument :
BNA_F
ClientSampleId :
PB90852BS

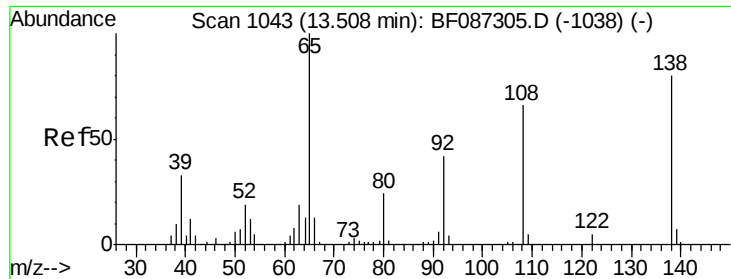
Tgt Ion:149 Resp: 585415
Ion Ratio Lower Upper
149 100
177 20.6 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 38.67 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:204 Resp: 252612
Ion Ratio Lower Upper
204 100
206 32.3 25.4 38.0
141 68.0 61.6 92.4

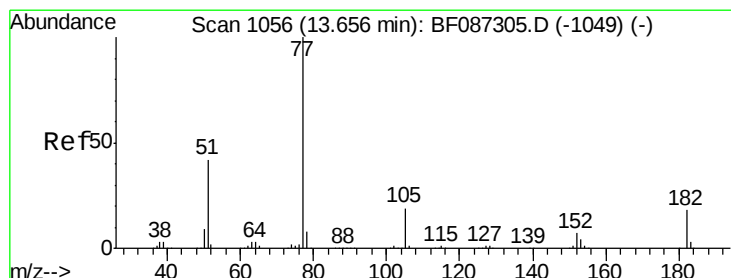
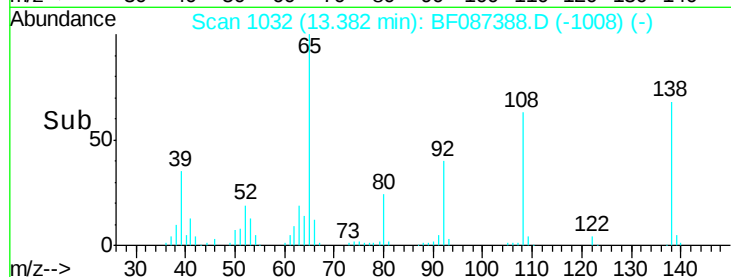
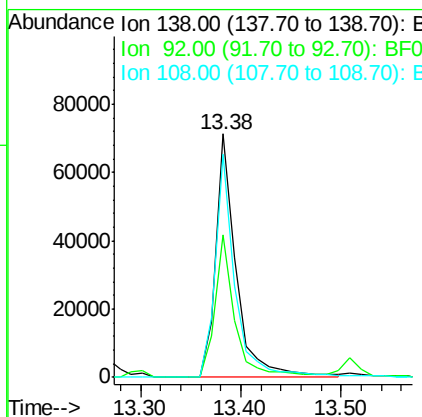
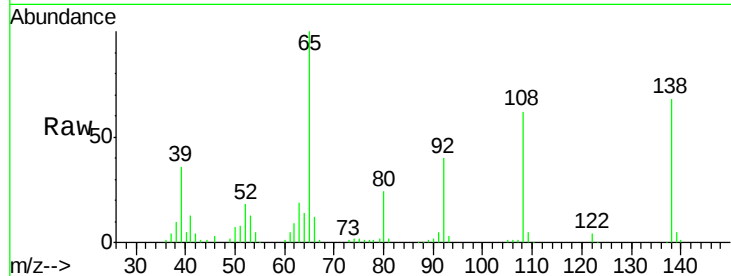




#61
4-Nitroaniline
Concen: 36.02 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

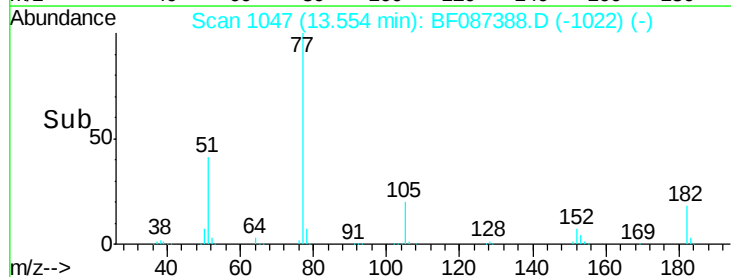
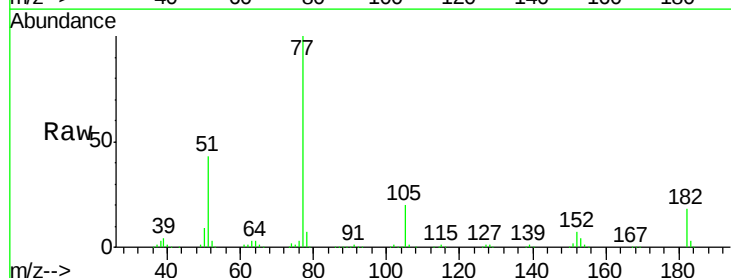
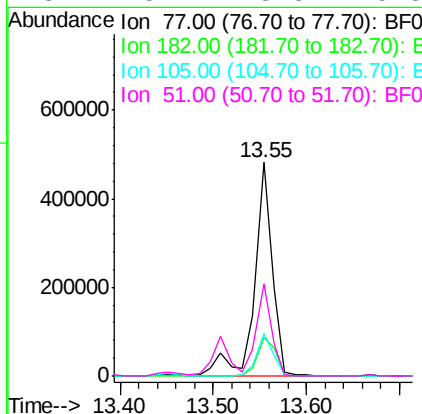
Instrument :
BNA_F
ClientSampleId :
PB90852BS

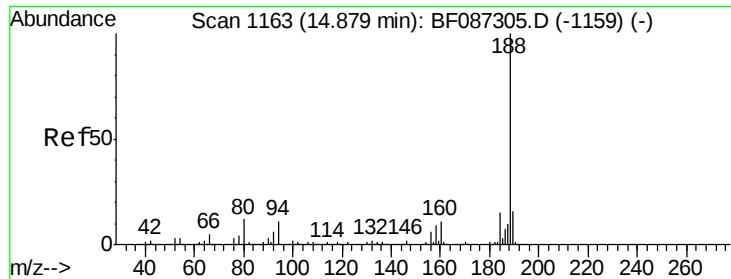
Tgt Ion: 138 Resp: 101359
Ion Ratio Lower Upper
138 100
92 58.6 24.7 64.7
108 91.8 37.4 77.4#



#62
Azobenzene
Concen: 43.44 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion: 77 Resp: 638890
Ion Ratio Lower Upper
77 100
182 18.0 0.0 38.8
105 19.6 3.2 43.2
51 43.4 8.8 48.8

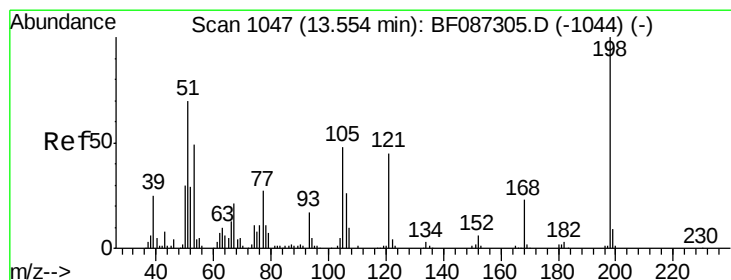
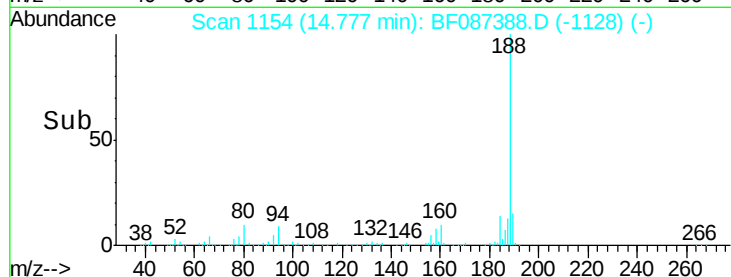
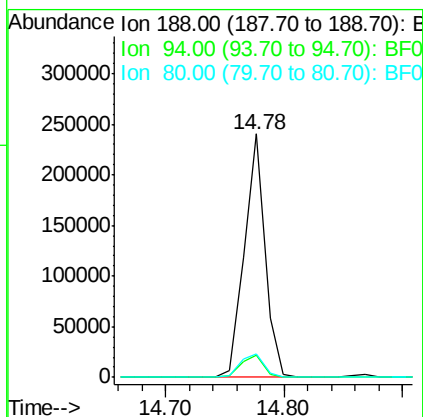
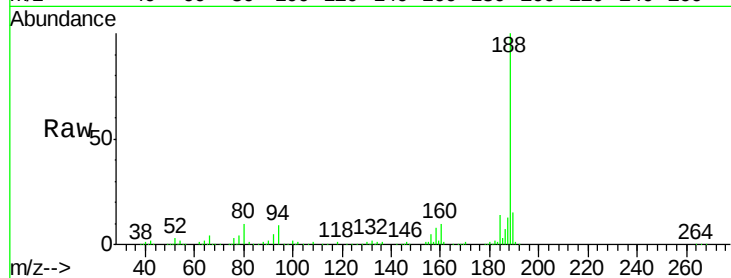




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

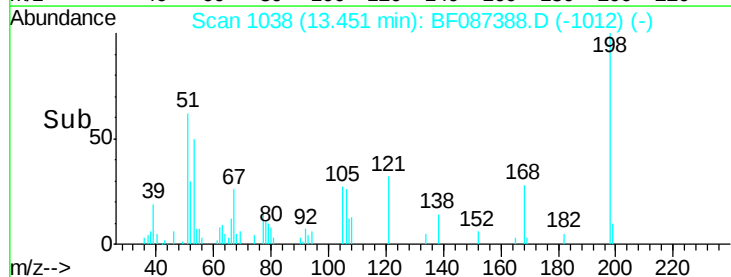
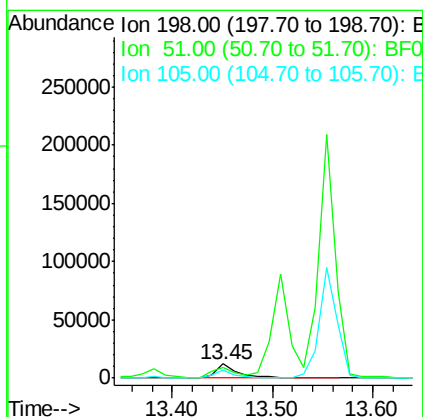
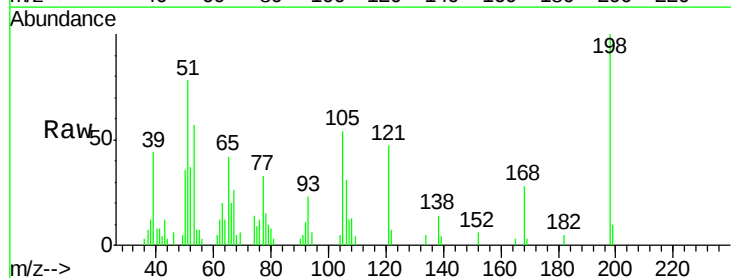
Instrument :
BNA_F
ClientSampleId :
PB90852BS

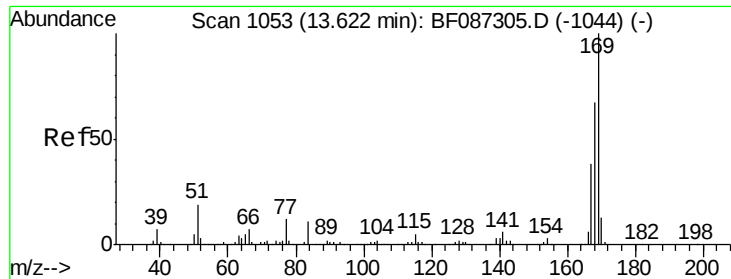
Tgt Ion:188 Resp: 295520
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 9.9 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 10.08 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:198 Resp: 18940
Ion Ratio Lower Upper
198 100
51 78.0 20.5 60.5#
105 53.9 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 45.98 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

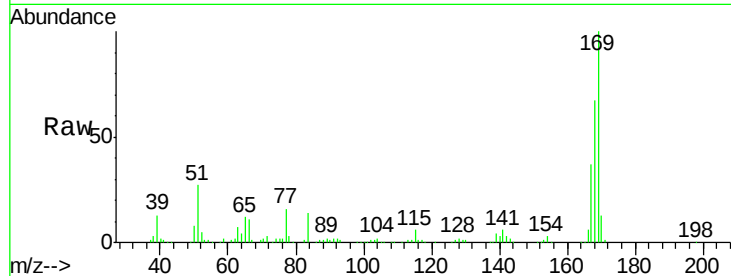
Tgt Ion:169 Resp: 439478

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

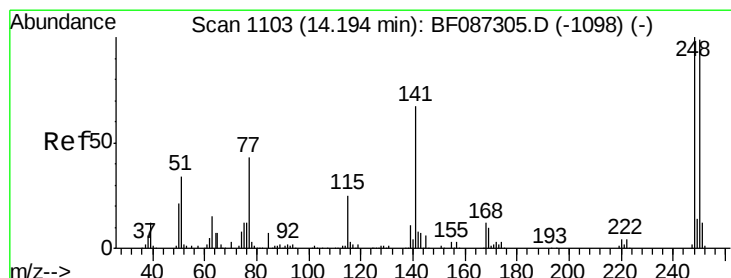
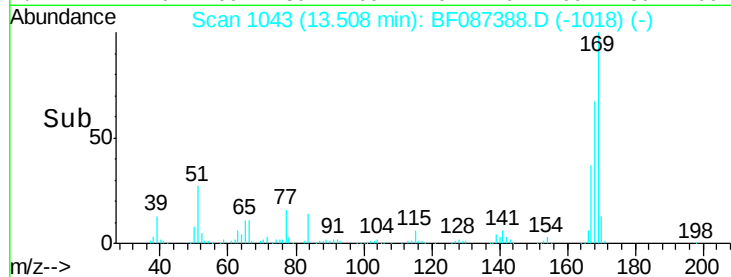
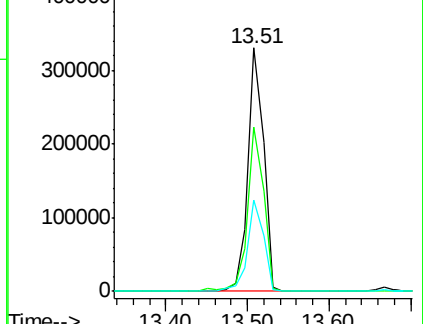
167 37.3 29.5 44.3



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: 43.33 ng

RT: 14.08 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

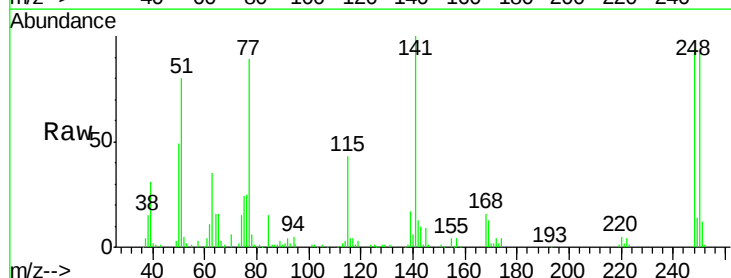
Tgt Ion:248 Resp: 140073

Ion Ratio Lower Upper

248 100

250 97.5 78.6 117.8

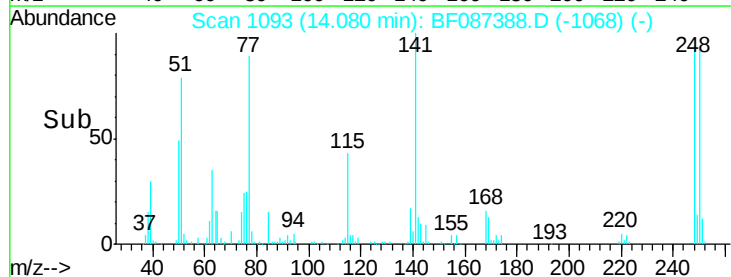
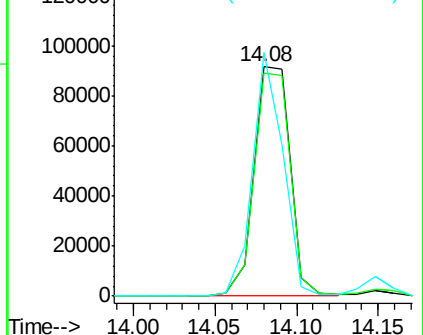
141 106.3 76.0 114.0

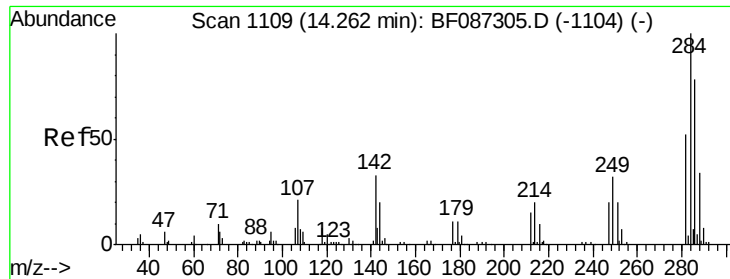


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

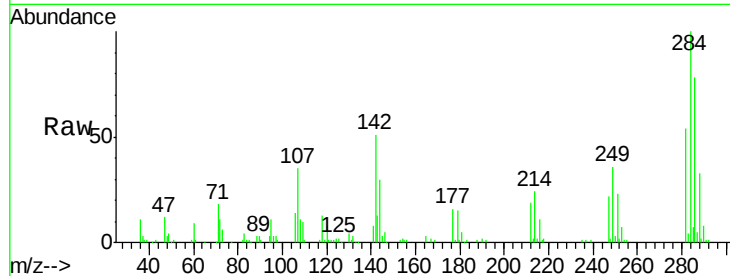




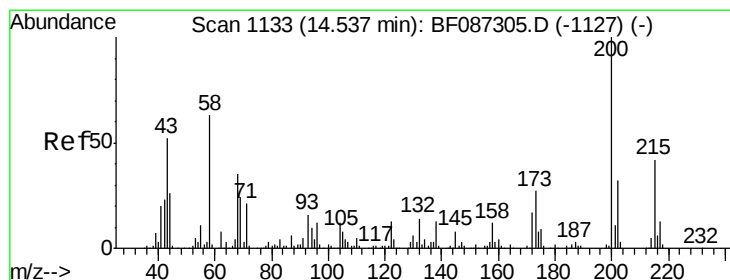
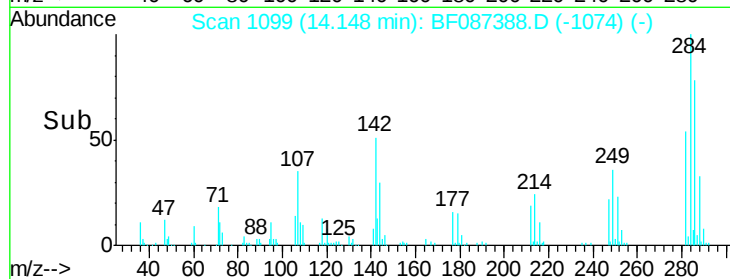
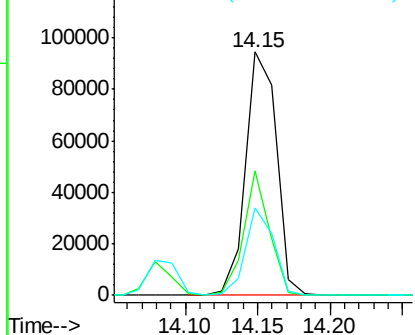
#67
Hexachlorobenzene
Concen: 41.09 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Instrument :
BNA_F
ClientSampleId :
PB90852BS

Tgt Ion:284 Resp: 138944
Ion Ratio Lower Upper
284 100
142 51.1 16.7 25.1#
249 35.9 21.3 31.9#

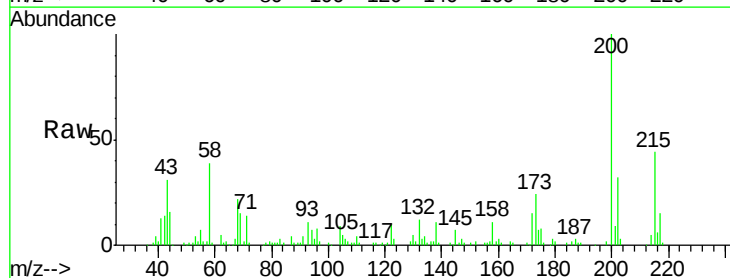


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

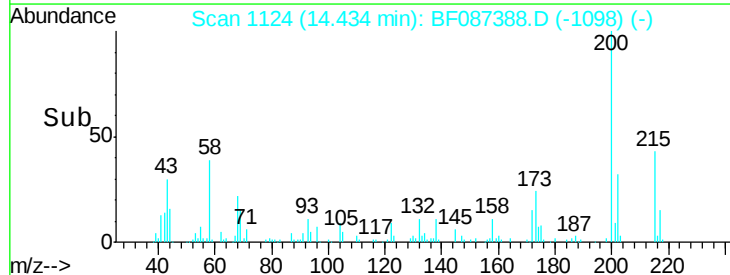
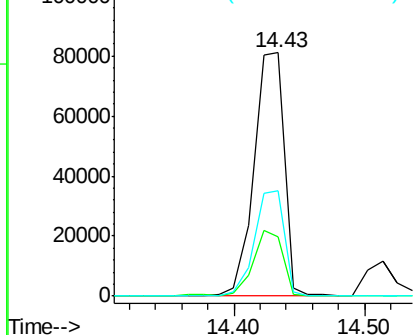


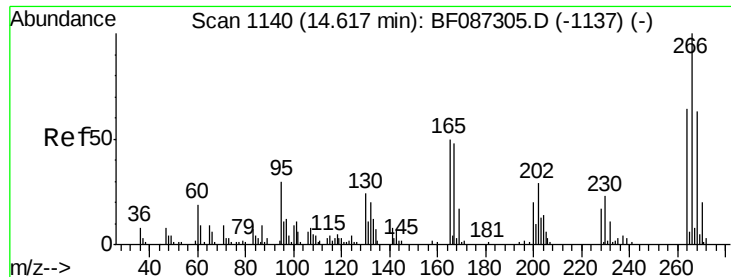
#68
Atrazine
Concen: 43.24 ng
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF087388.D
Acq: 26 May 2016 00:46

Tgt Ion:200 Resp: 131717
Ion Ratio Lower Upper
200 100
173 24.4 8.5 48.5
215 43.5 27.2 67.2



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

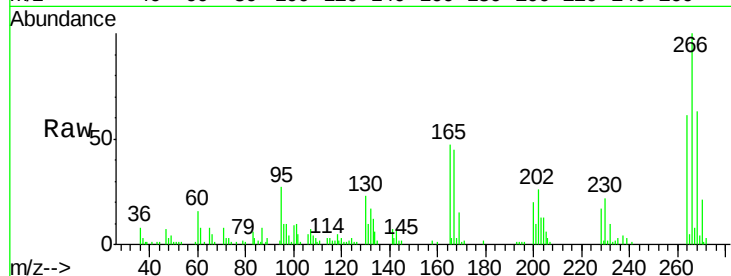




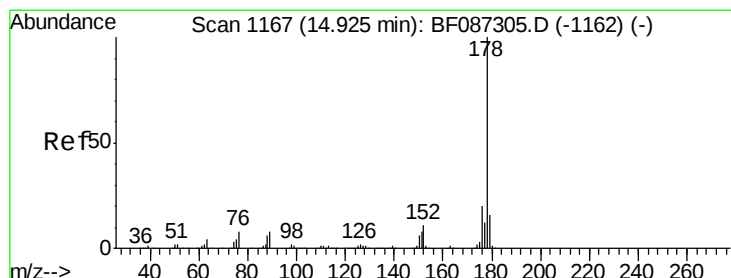
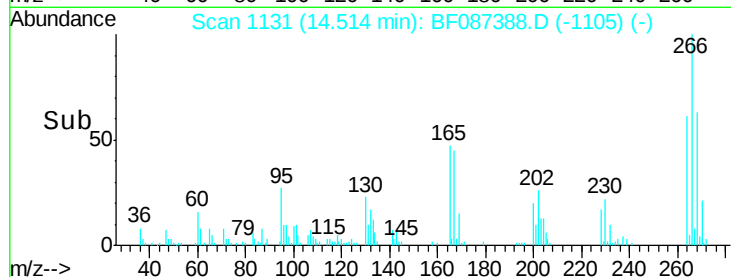
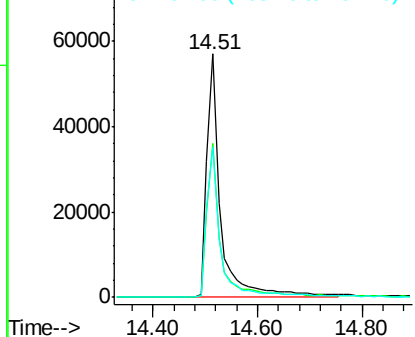
#69
 Pentachlorophenol
 Concen: 98.54 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion:266 Resp: 105180
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 61.4 52.9 79.3

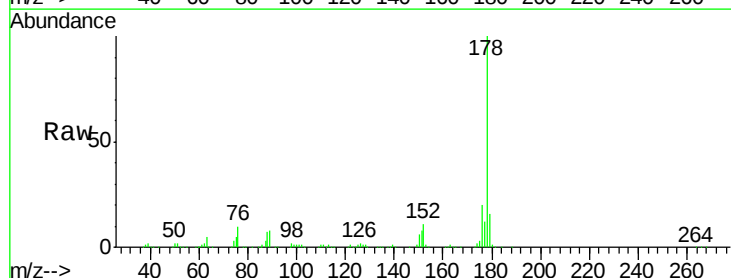


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

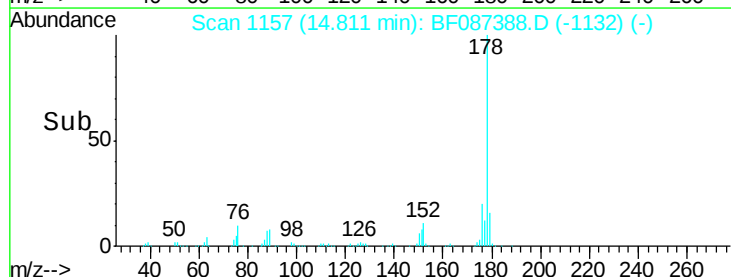
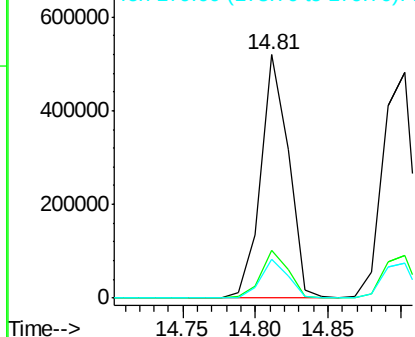


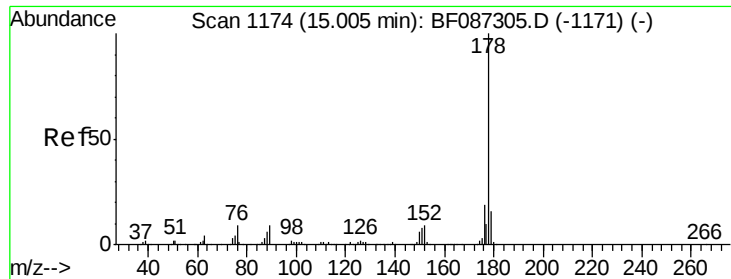
#70
 Phenanthrene
 Concen: 42.28 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:178 Resp: 692141
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.9 12.6 18.8



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

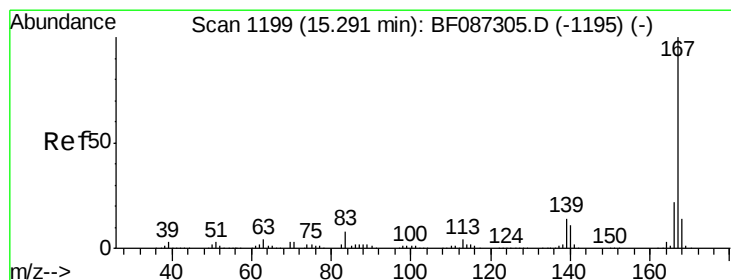
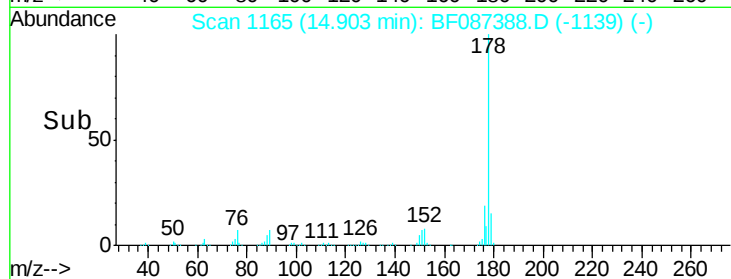
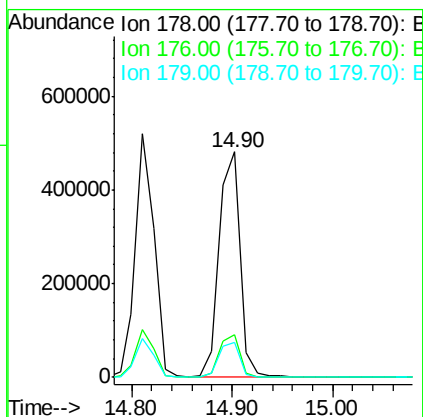
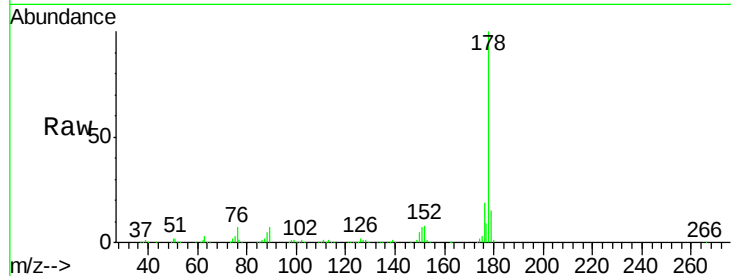




#71
 Anthracene
 Concen: 42.15 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

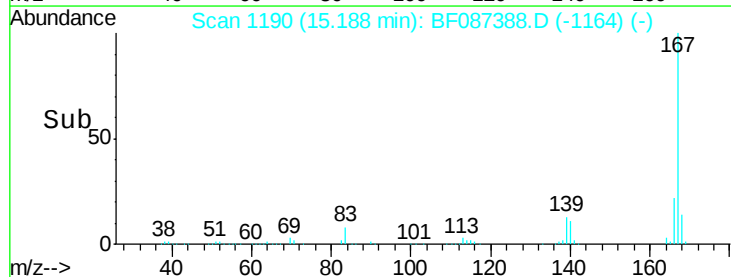
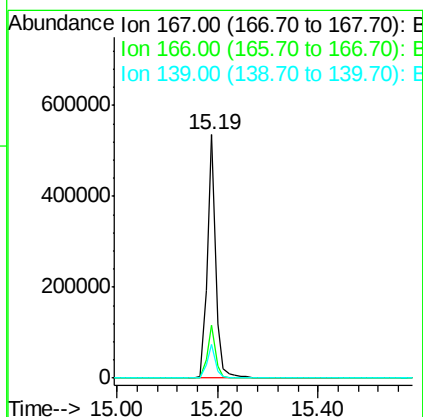
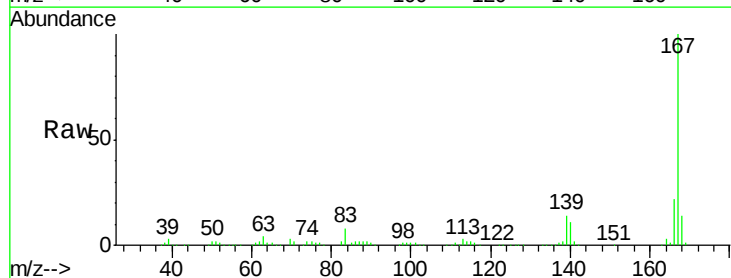
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

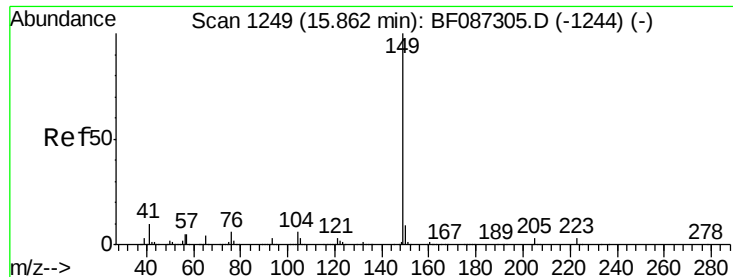
Tgt Ion:178 Resp: 696977
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 44.04 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:167 Resp: 621114
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 44.35 ng

RT: 15.77 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

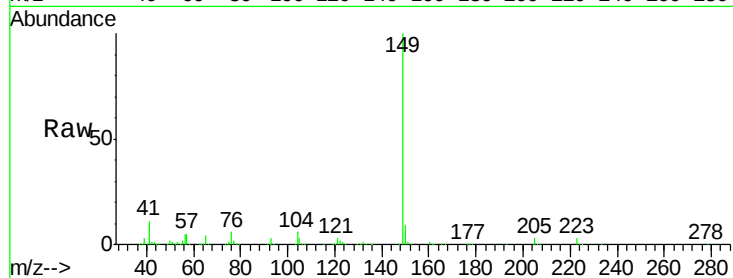
Tgt Ion:149 Resp: 808970

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

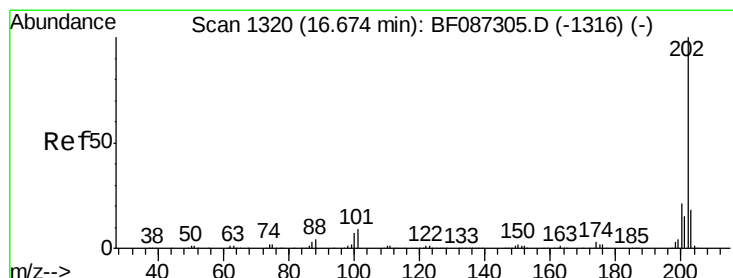
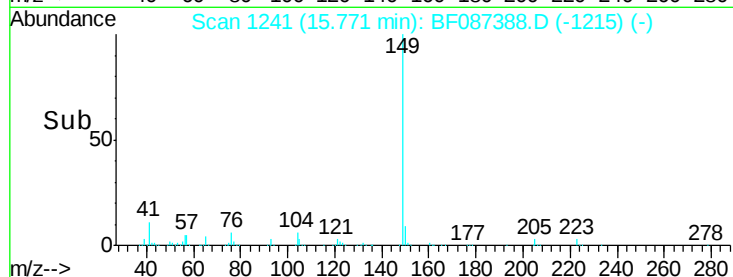
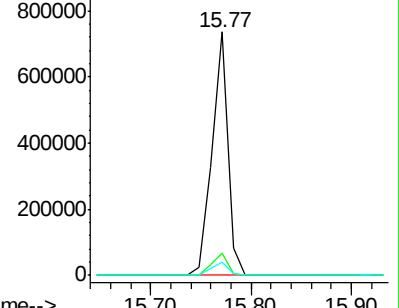
104 5.7 3.8 5.6#



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: 40.09 ng

RT: 16.57 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

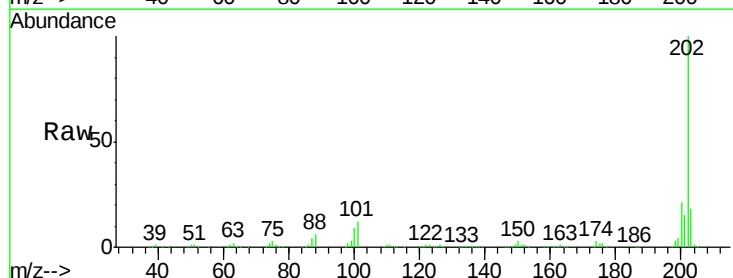
Tgt Ion:202 Resp: 657988

Ion Ratio Lower Upper

202 100

101 11.9 0.0 35.4

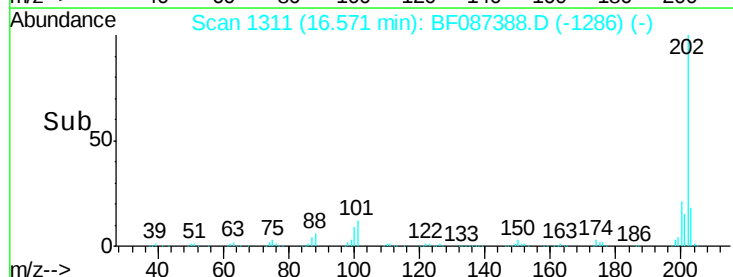
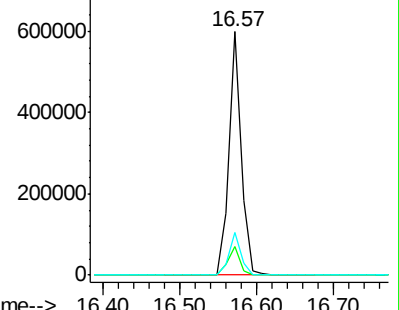
203 17.8 0.0 38.1



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: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

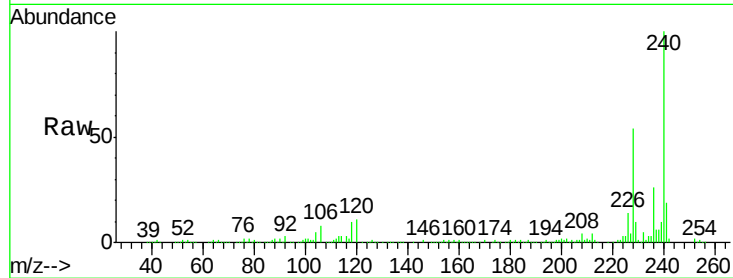
Tgt Ion:240 Resp: 237757

Ion Ratio Lower Upper

240 100

120 11.4 11.2 16.8

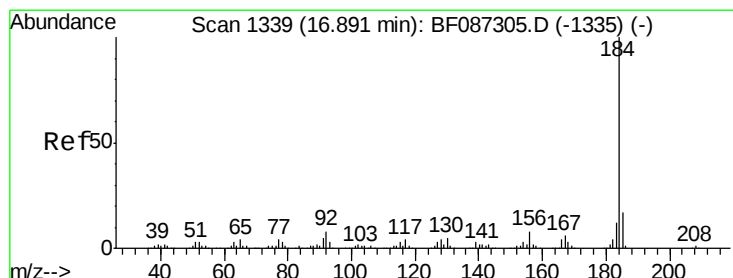
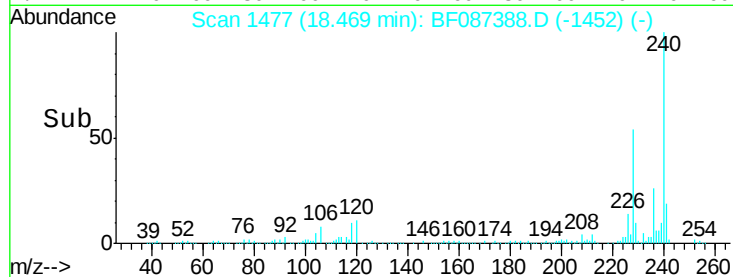
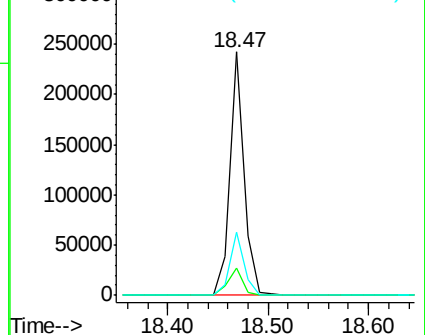
236 26.2 21.2 31.8



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: 65.84 ng

RT: 16.80 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

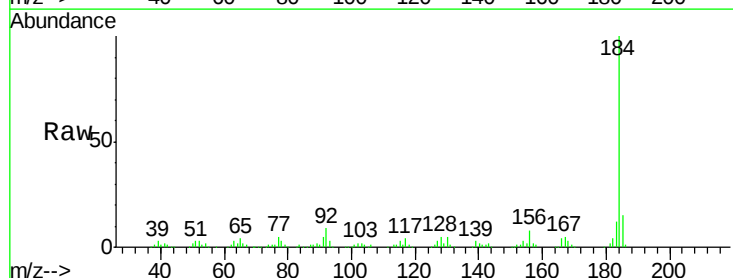
Tgt Ion:184 Resp: 402793

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

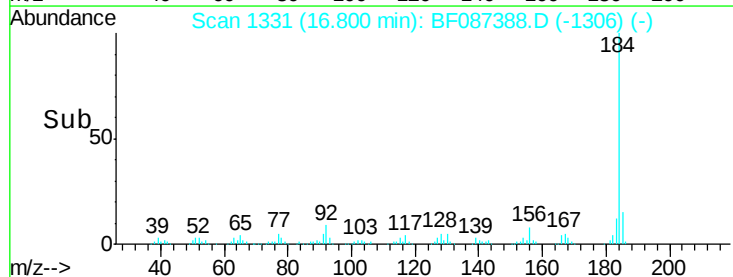
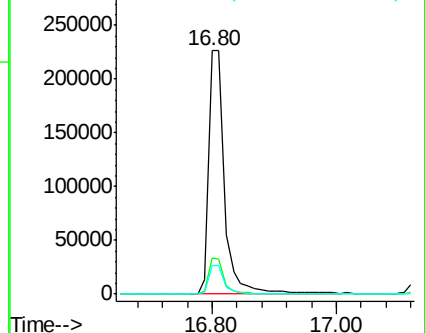
183 11.8 9.8 14.6



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

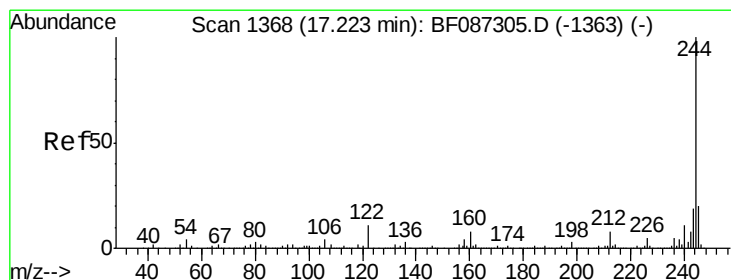
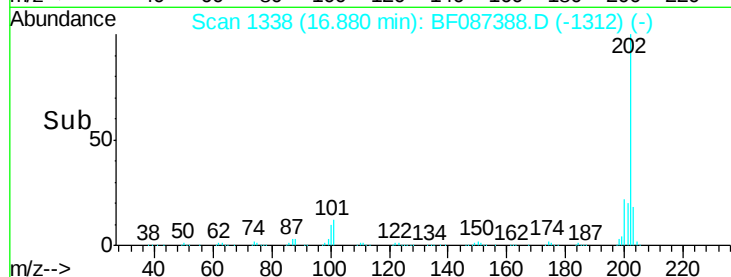
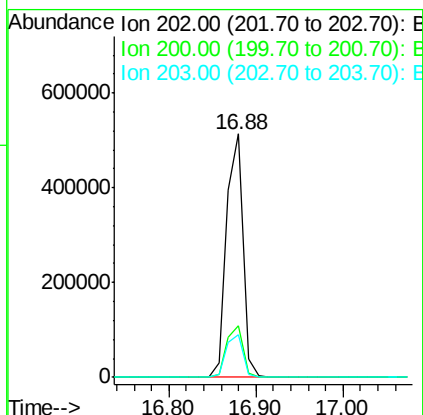
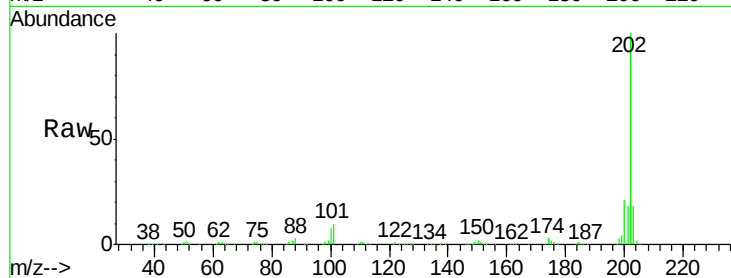




#77
 Pyrene
 Concen: 39.74 ng
 RT: 16.88 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

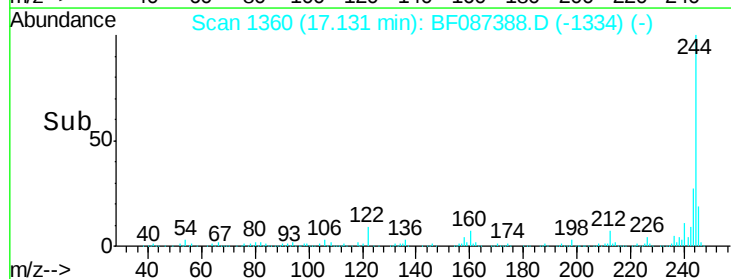
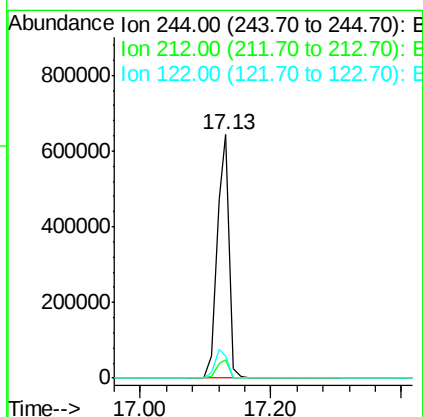
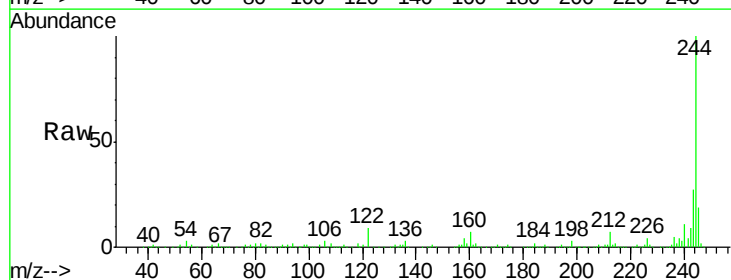
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

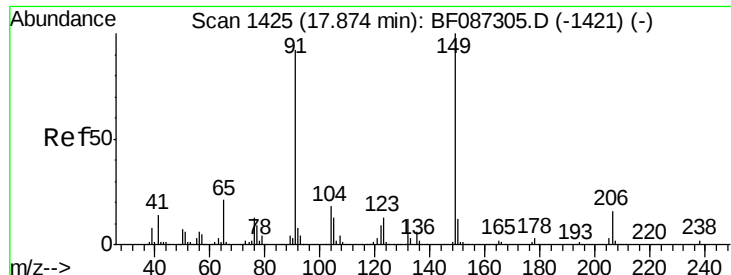
Tgt Ion: 202 Resp: 680104
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.7 26.5
 203 17.7 14.2 21.4



#78
 Terphenyl-d14
 Concen: 74.14 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion: 244 Resp: 829092
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.9 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 40.60 ng

RT: 17.79 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

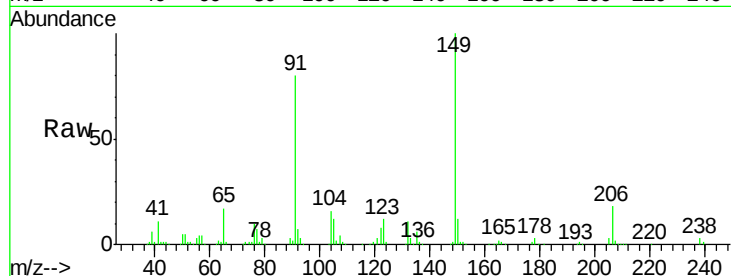
Tgt Ion:149 Resp: 308153

Ion Ratio Lower Upper

149 100

91 79.8 48.0 72.0#

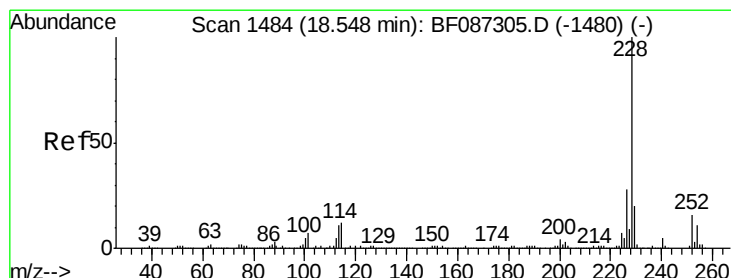
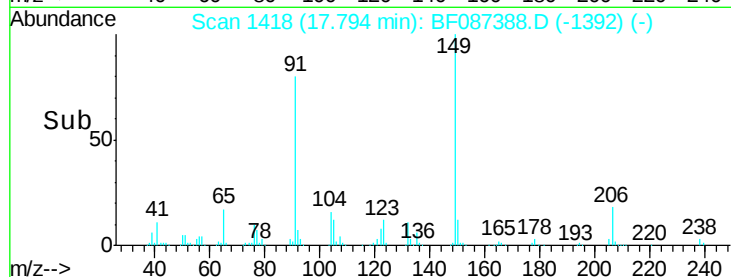
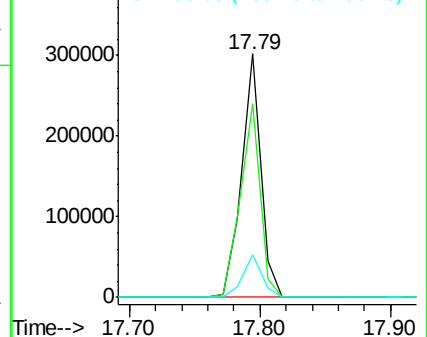
206 17.7 15.8 23.6



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: 42.04 ng

RT: 18.46 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

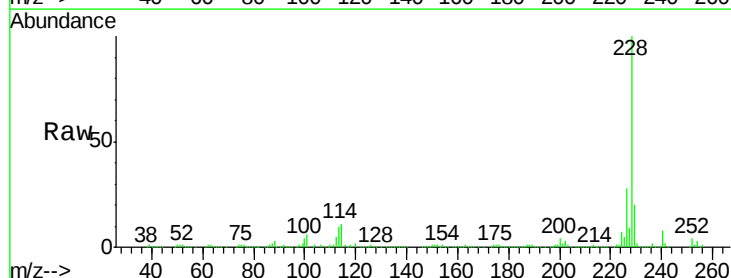
Tgt Ion:228 Resp: 568516

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

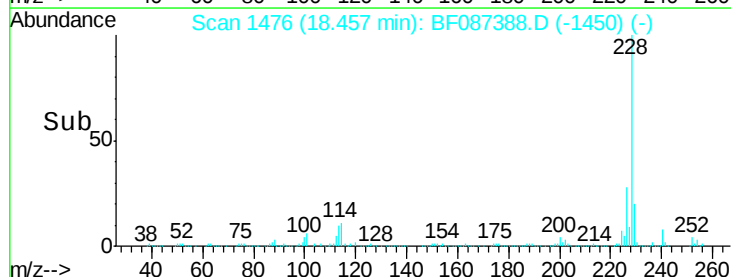
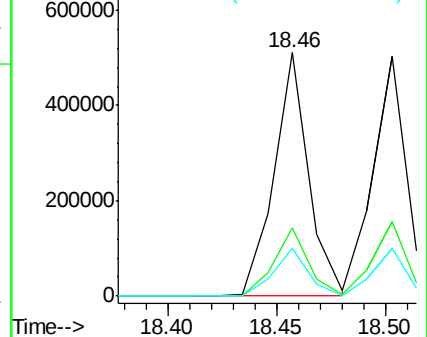
229 19.5 16.6 25.0

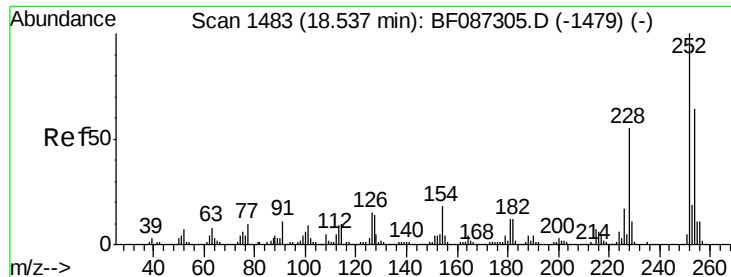


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

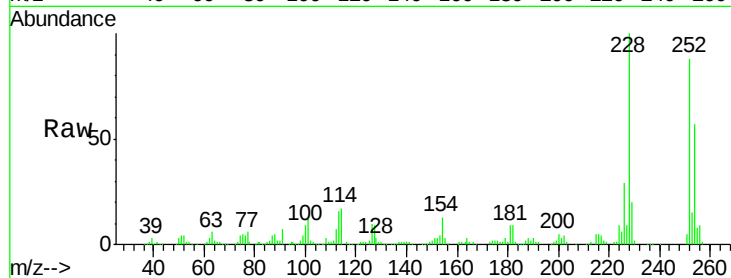




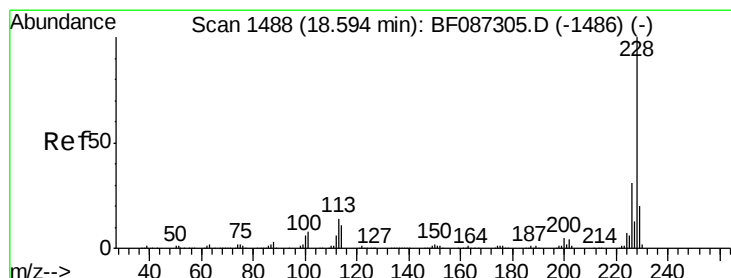
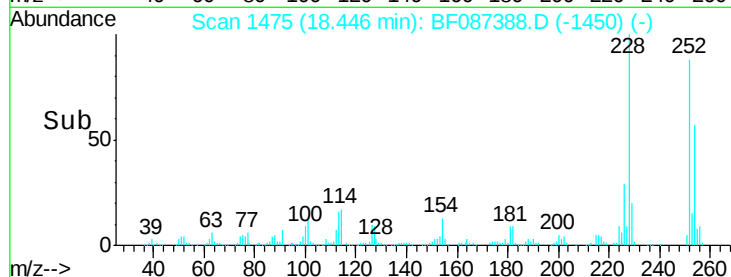
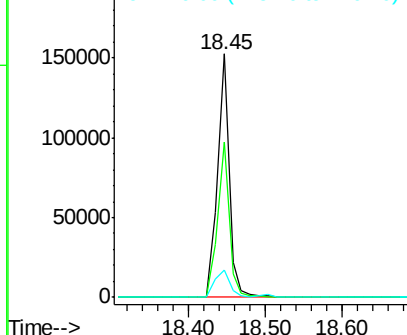
#81
 3,3'-Dichlorobenzidine
 Concen: 21.98 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

Tgt Ion: 252 Resp: 164190
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.7 76.1
 126 11.0 12.7 19.1#

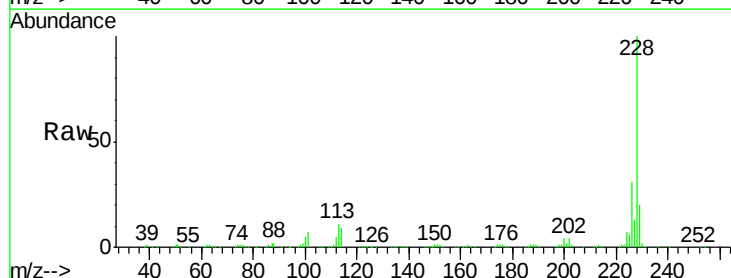


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

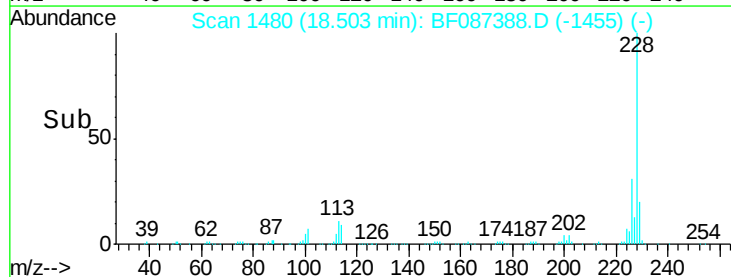
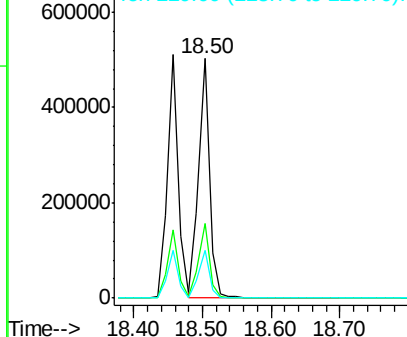


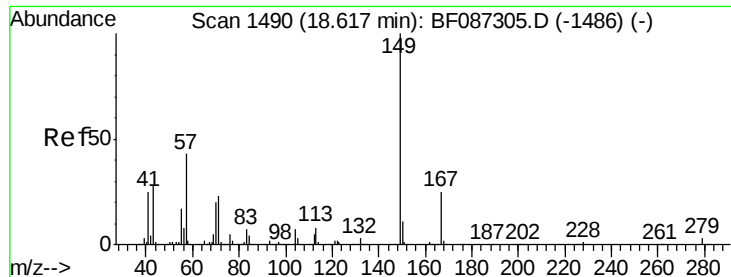
#82
 Chrysene
 Concen: 40.78 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion: 228 Resp: 547350
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.1 15.8 23.8



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

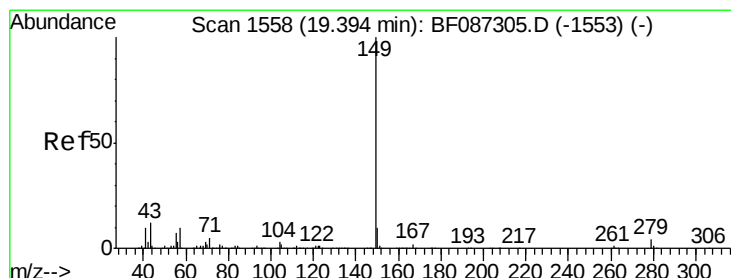
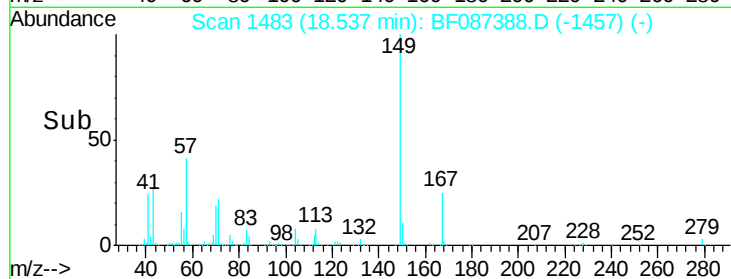
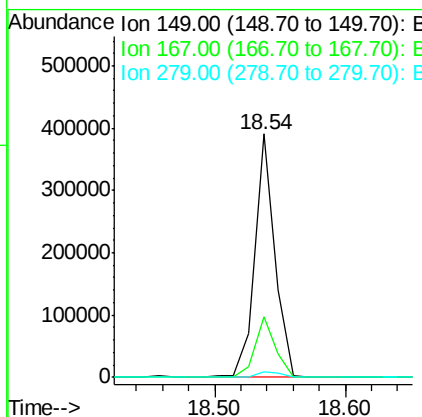
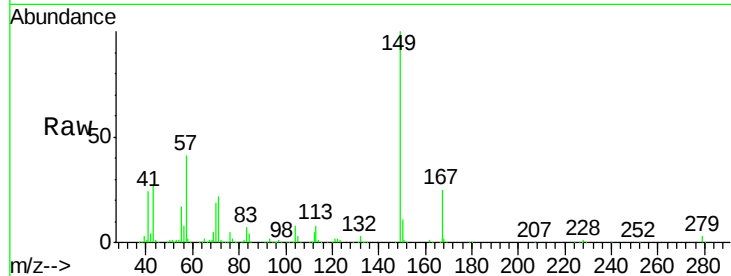




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.76 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

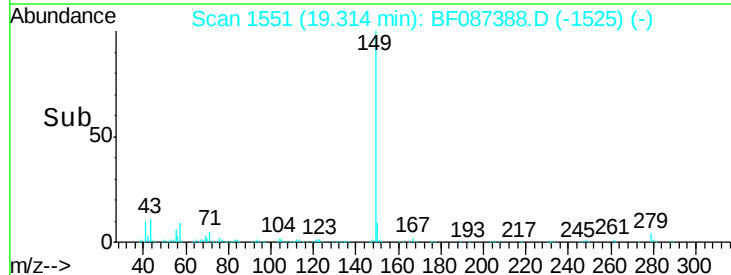
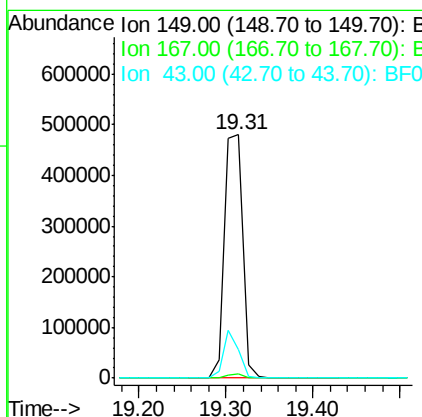
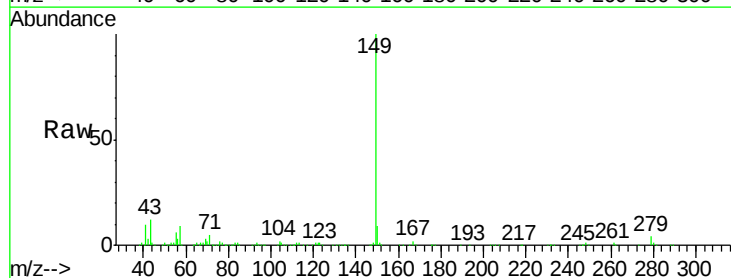
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

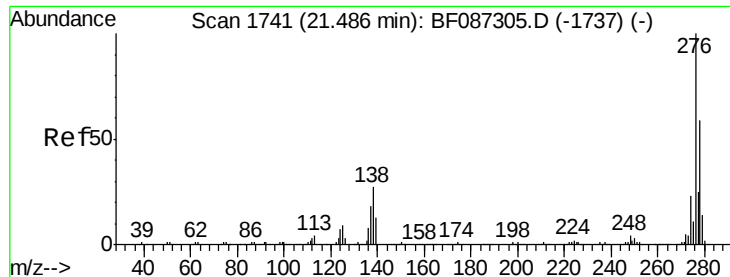
Tgt Ion:149 Resp: 418203
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.8 32.6
 279 2.5 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 41.52 ng
 RT: 19.31 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion:149 Resp: 701262
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.2 8.2 12.4#

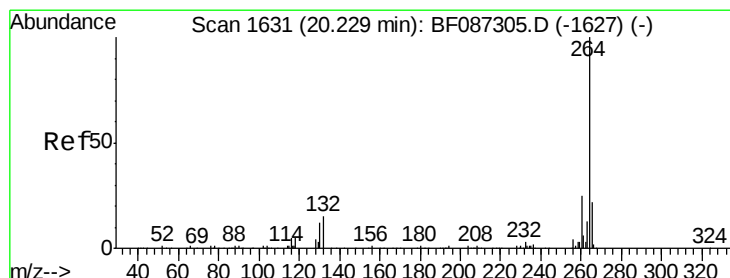
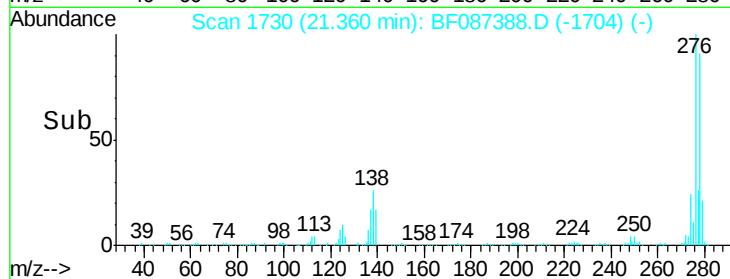
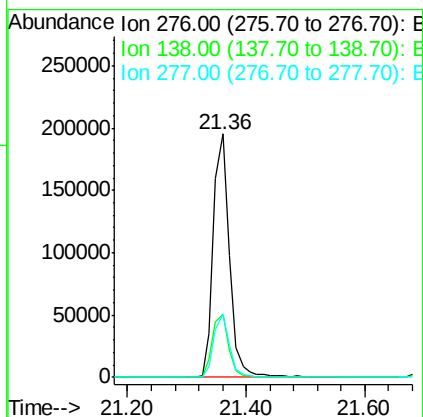
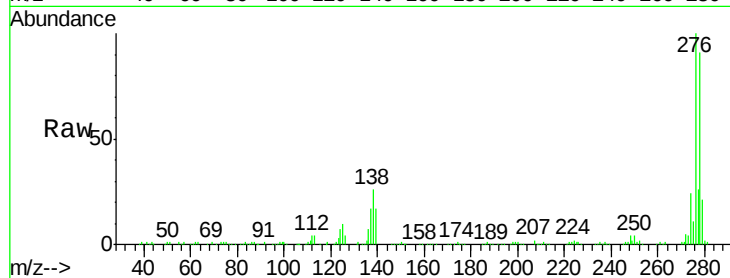




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.37 ng
 RT: 21.36 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

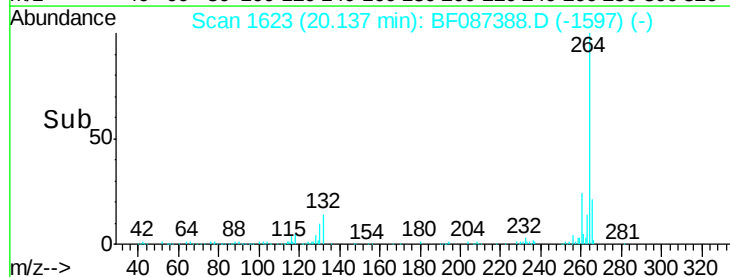
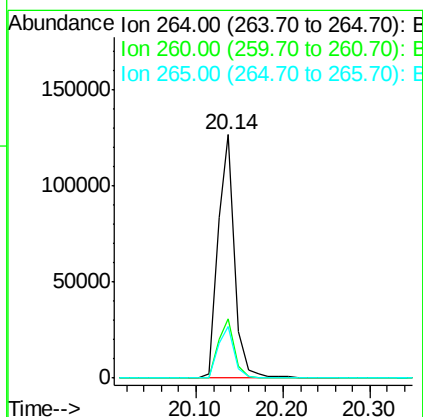
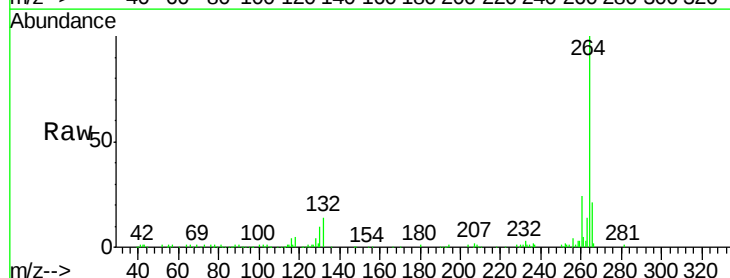
Instrument :
 BNA_F
 ClientSampleId :
 PB90852BS

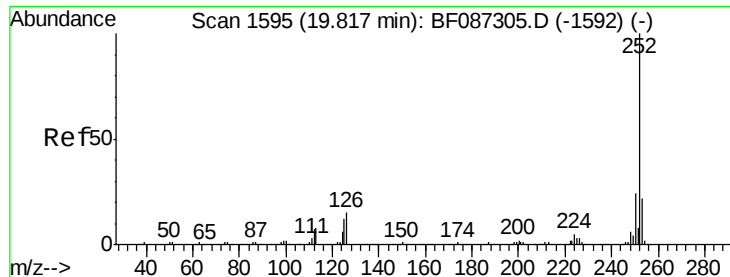
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.6	38.4
277	25.1	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087388.D
 Acq: 26 May 2016 00:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 83.06 ng

RT: 19.73 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

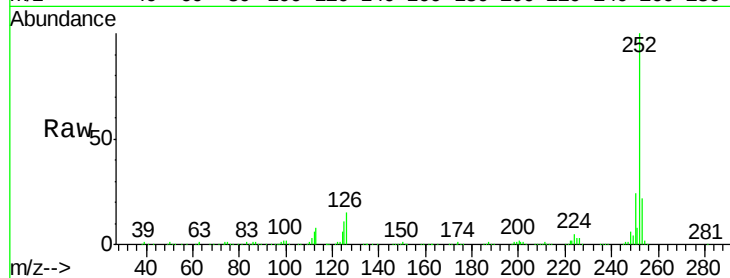
Tgt Ion:252 Resp: 893284

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

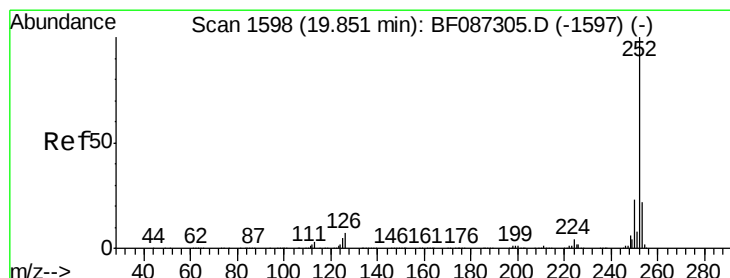
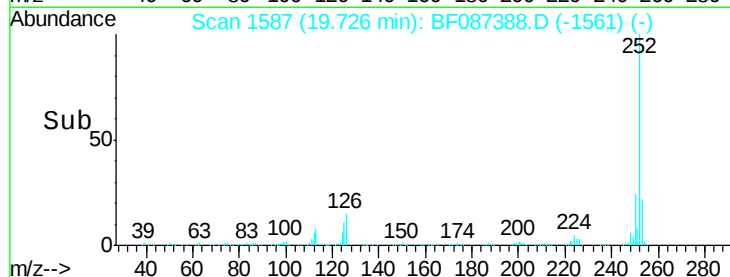
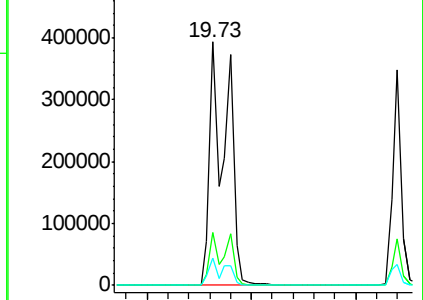
125 11.2 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 96.49 ng

RT: 19.73 min Scan# 1587

Delta R.T. -0.03 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

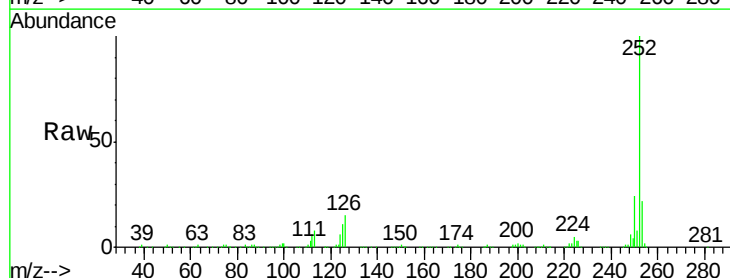
Tgt Ion:252 Resp: 893284

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

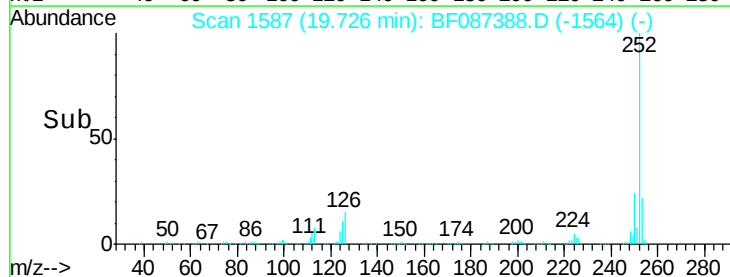
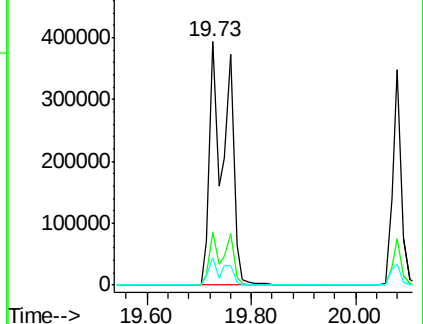
125 11.2 9.1 13.7

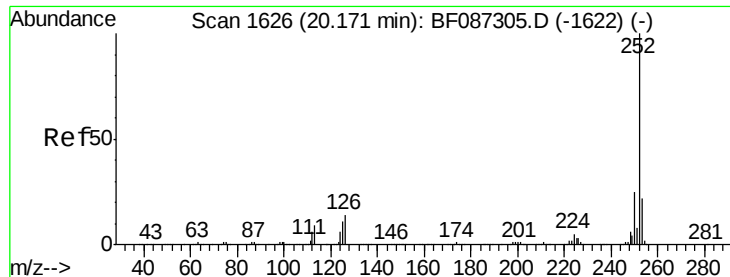


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.90 ng

RT: 20.08 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

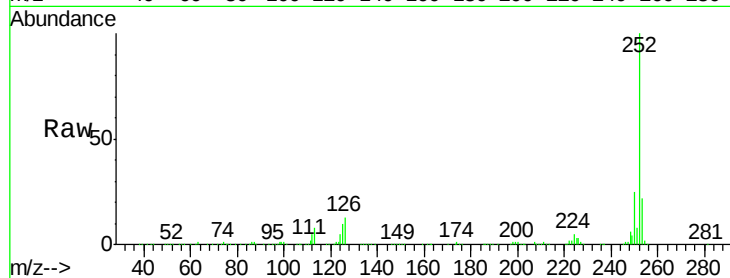
Tgt Ion:252 Resp: 408383

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

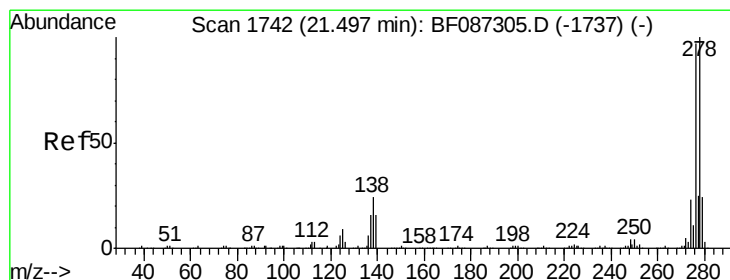
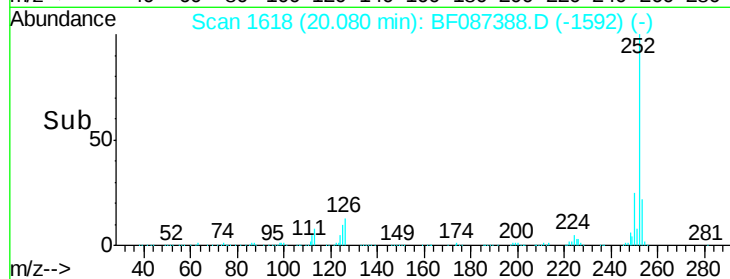
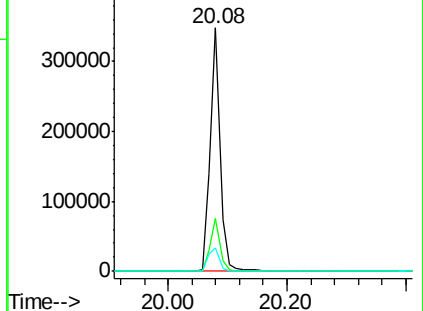
125 9.9 9.0 13.6



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



#90

Dibenzo(a,h)anthracene

Concen: 39.66 ng

RT: 21.36 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

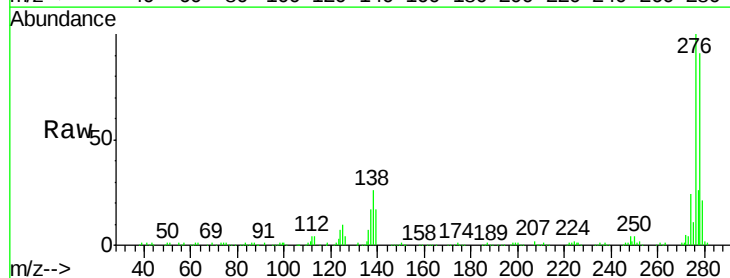
Tgt Ion:278 Resp: 314678

Ion Ratio Lower Upper

278 100

139 18.2 16.6 24.8

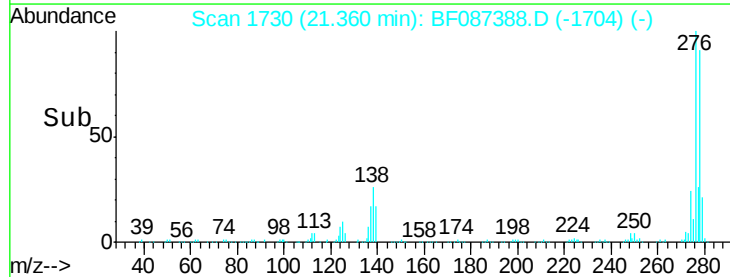
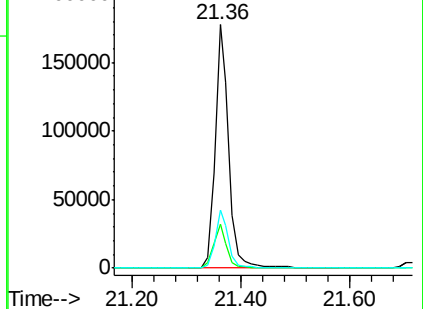
279 23.6 19.6 29.4

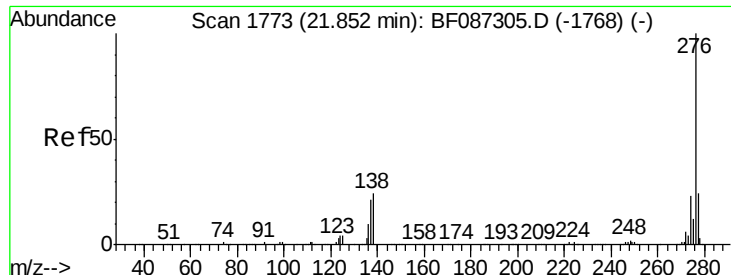


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.45 ng

RT: 21.70 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF087388.D

Acq: 26 May 2016 00:46

Instrument :

BNA_F

ClientSampleId :

PB90852BS

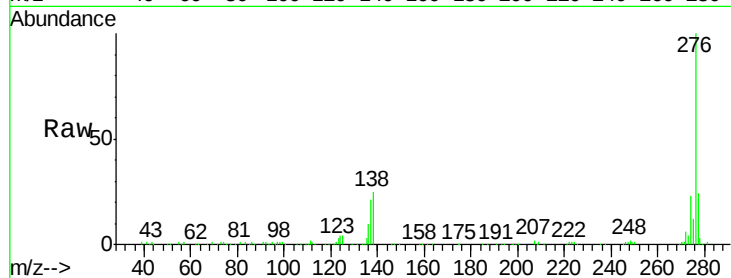
Tgt Ion: 276 Resp: 300981

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 25.1 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

