

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101316\
 Data File : BF090550.D
 Acq On : 13 Oct 2016 19:18
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Oct 14 01:19:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 01:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	205415	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	897406	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	450554	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	739975	20.00	ng	0.00
75) Chrysene-d12	14.10	240	628813	20.00	ng	0.00
86) Perylene-d12	15.55	264	382806	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	569980	43.99	ng	0.00
7) Phenol-d6	6.55	99	916852	54.80	ng	0.00
23) Nitrobenzene-d5	7.48	82	887961	53.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	187472	43.07	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1557048	58.43	ng	0.00
78) Terphenyl-d14	13.04	244	1375123	53.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	160028	24.69	ng	96
3) Pyridine	3.32	79	350713	20.10	ng	96
4) n-Nitrosodimethylamine	3.27	42	104719	18.24	ng	88
6) Aniline	6.59	93	523436	24.74	ng	97
8) 2-Chlorophenol	6.70	128	387407	27.36	ng	96
9) Benzaldehyde	6.47	77	300010	28.21	ng	97
10) Phenol	6.57	94	538994	28.72	ng	93
11) bis(2-Chloroethyl)ether	6.66	93	422690	29.37	ng	97
12) 1,3-Dichlorobenzene	6.86	146	362961	24.21	ng	99
13) 1,4-Dichlorobenzene	6.94	146	395312	25.29	ng	98
14) 1,2-Dichlorobenzene	7.09	146	394838	27.97	ng	99
15) Benzyl Alcohol	7.07	79	291691	22.72	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	653699	31.19	ng	98
17) 2-Methylphenol	7.18	107	312498	26.93	ng	97
18) Hexachloroethane	7.43	117	170396	29.23	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	338352	30.73	ng	97
20) 3+4-Methylphenols	7.33	107	377929	26.14	ng	97
22) Acetophenone	7.33	105	547803	27.62	ng	# 95
24) Nitrobenzene	7.50	77	472084	26.92	ng	97
25) Isophorone	7.74	82	814762	27.01	ng	97
26) 2-Nitrophenol	7.82	139	200122	25.06	ng	99
27) 2,4-Dimethylphenol	7.86	122	312668	23.04	ng	93
28) bis(2-Chloroethoxy)methane	7.96	93	466488	24.77	ng	99
29) 2,4-Dichlorophenol	8.06	162	279913	24.70	ng	90
30) 1,2,4-Trichlorobenzene	8.15	180	311158	23.64	ng	99
31) Naphthalene	8.23	128	1188311	26.38	ng	99
32) Benzoic acid	7.97	122	195561	18.94	ng	95
33) 4-Chloroaniline	8.28	127	469477	24.91	ng	99
34) Hexachlorobutadiene	8.35	225	181671	24.80	ng	100
35) Caprolactam	8.63	113	81495	22.20	ng	# 75
36) 4-Chloro-3-methylphenol	8.76	107	351992	26.50	ng	93
37) 2-Methylnaphthalene	8.92	142	726573	24.27	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	295997	23.87	ng	99
40) Hexachlorocyclopentadiene	9.08	237	137438	22.53	ng	97

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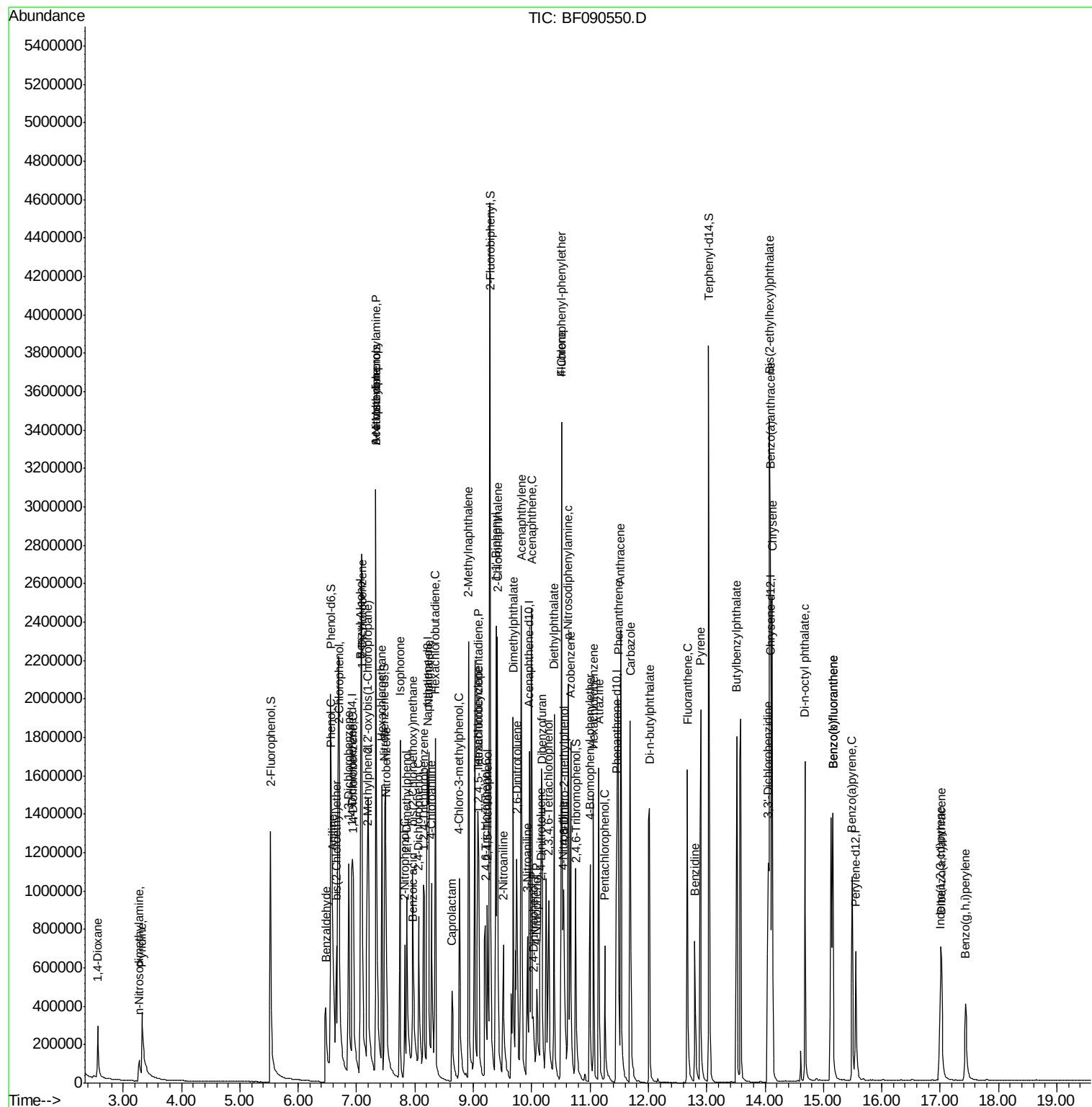
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	174829	20.96	ng	100
43) 2,4,5-Trichlorophenol	9.24	196	207535	25.08	ng	99
45) 1,1'-Biphenyl	9.39	154	954950	28.02	ng	98
46) 2-Chloronaphthalene	9.41	162	707646	27.87	ng	98
47) 2-Nitroaniline	9.51	65	271048	29.56	ng	97
48) Acenaphthylene	9.82	152	1091454	26.44	ng	100
49) Dimethylphthalate	9.69	163	808329	27.00	ng	99
50) 2,6-Dinitrotoluene	9.74	165	164032	24.46	ng	# 46
51) Acenaphthene	9.99	154	701529	25.47	ng	99
52) 3-Nitroaniline	9.93	138	213528	25.72	ng	98
53) 2,4-Dinitrophenol	10.03	184	68173	19.39	ng	# 68
54) Dibenzofuran	10.18	168	928672	25.28	ng	99
55) 4-Nitrophenol	10.09	139	124542	20.43	ng	93
56) 2,4-Dinitrotoluene	10.15	165	226235	25.36	ng	96
57) Fluorene	10.51	166	776622	25.98	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	169875	24.34	ng	95
59) Diethylphthalate	10.38	149	799116	26.04	ng	99
60) 4-Chlorophenyl-phenylether	10.51	204	361711	26.35	ng	99
61) 4-Nitroaniline	10.54	138	220590	26.57	ng	98
62) Azobenzene	10.67	77	1029791	30.68	ng	98
64) 4,6-Dinitro-2-methylphenol	10.55	198	105398	21.38	ng	# 35
65) n-Nitrosodiphenylamine	10.62	169	653784	27.08	ng	100
66) 4-Bromophenyl-phenylether	11.00	248	191198	23.54	ng	94
67) Hexachlorobenzene	11.06	284	203278	22.74	ng	98
68) Atrazine	11.15	200	174741	23.64	ng	98
69) Pentachlorophenol	11.25	266	98490	18.71	ng	97
70) Phenanthrene	11.48	178	1062443	26.36	ng	99
71) Anthracene	11.53	178	1116099	26.80	ng	100
72) Carbazole	11.69	167	1016637	26.34	ng	100
73) Di-n-butylphthalate	12.02	149	1202749	25.85	ng	99
74) Fluoranthene	12.67	202	1015488	24.69	ng	99
76) Benzidine	12.80	184	419846	21.39	ng	98
77) Pyrene	12.90	202	1073817	26.97	ng	99
79) Butylbenzylphthalate	13.52	149	501546	27.01	ng	97
80) Benzo(a)anthracene	14.09	228	1034722	27.41	ng	99
81) 3,3'-Dichlorobenzidine	14.05	252	319364	24.08	ng	99
82) Chrysene	14.12	228	820358	23.61	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	704469	26.28	ng	98
84) Di-n-octyl phthalate	14.68	149	930101	23.03	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.00	276	456513	16.39	ng	97
87) Benzo(b)fluoranthene	15.16	252	1372812	54.12	ng	# 96
88) Benzo(k)fluoranthene	15.16	252	1375410	59.77	ng	99
89) Benzo(a)pyrene	15.49	252	580343	26.15	ng	98
90) Dibenzo(a,h)anthracene	17.02	278	398224	21.40	ng	99
91) Benzo(g,h,i)perylene	17.44	276	374443	21.59	ng	97

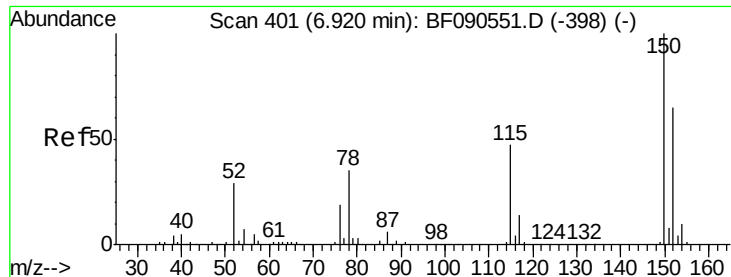
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

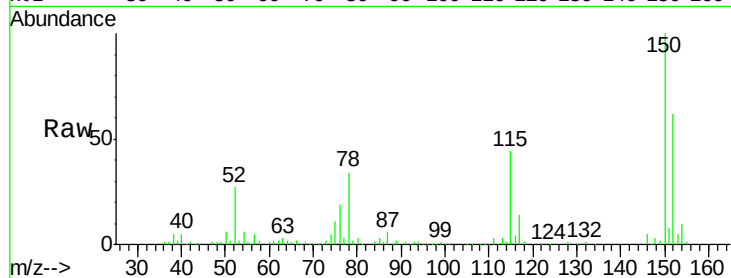
Tgt Ion:152 Resp: 205415

Ion Ratio Lower Upper

152 100

150 160.9 127.2 190.8

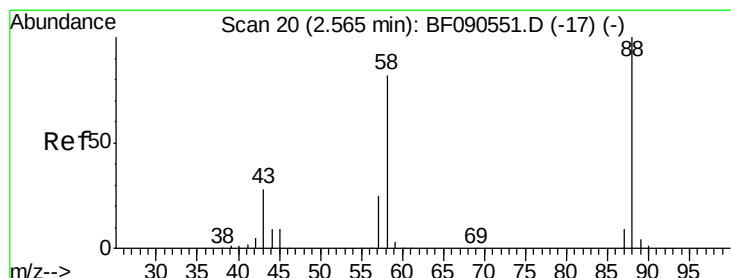
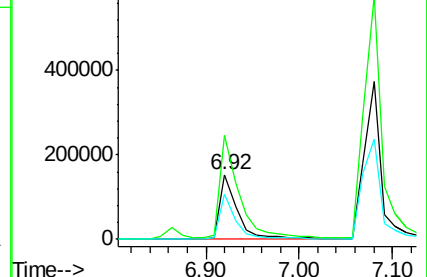
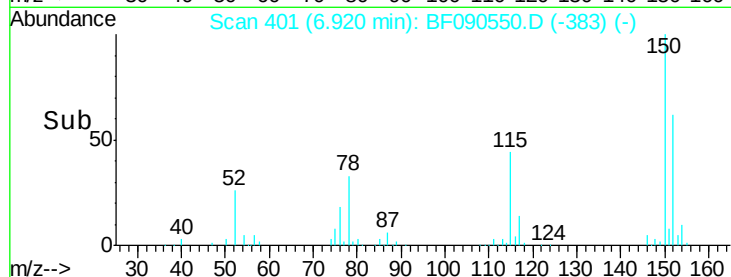
115 70.4 58.6 88.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.69 ng

RT: 2.57 min Scan# 20

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

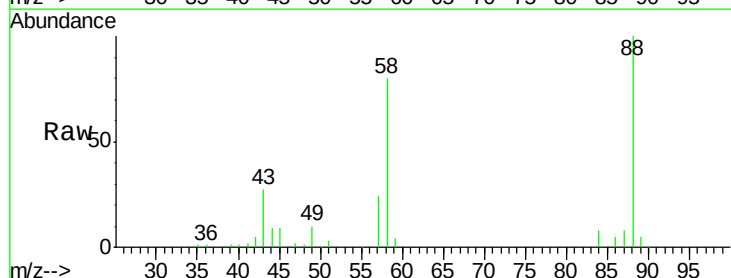
Tgt Ion: 88 Resp: 160028

Ion Ratio Lower Upper

88 100

58 80.5 67.2 100.8

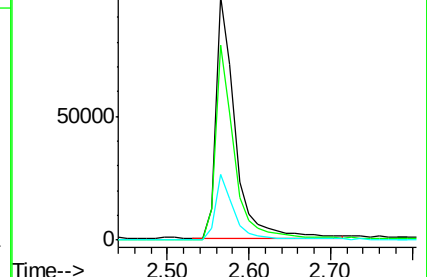
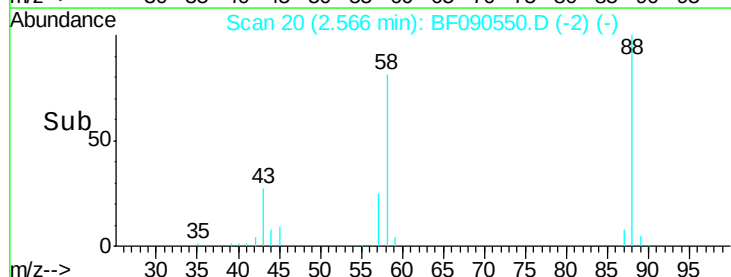
43 27.3 24.1 36.1

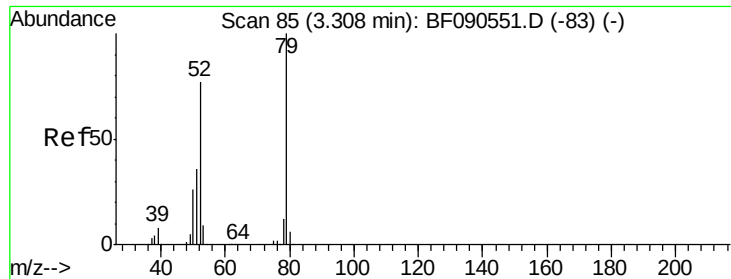


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 20.10 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

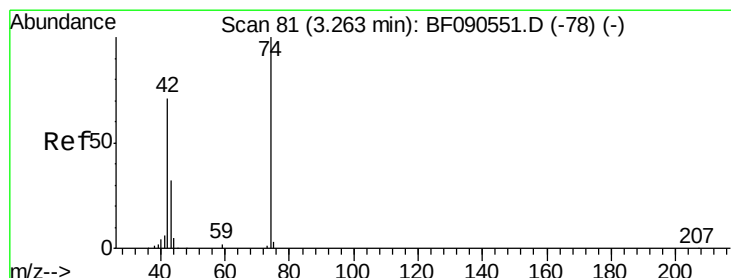
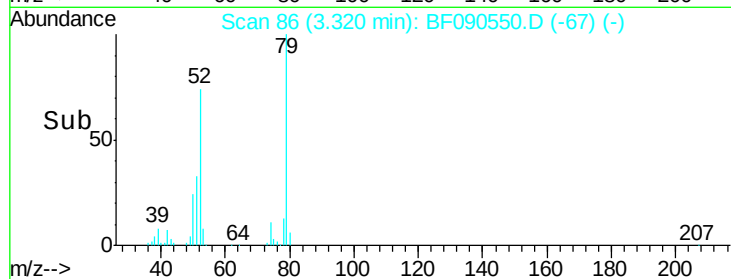
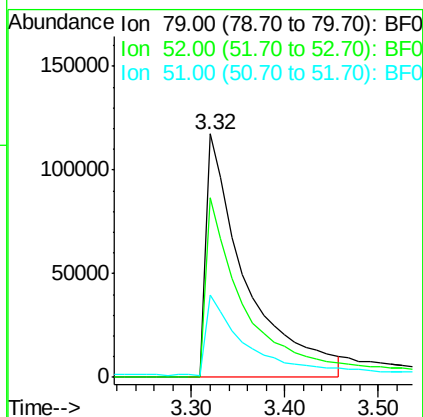
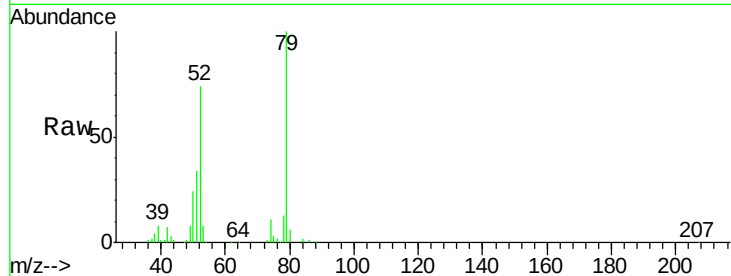
Tgt Ion: 79 Resp: 350713

Ion Ratio Lower Upper

79 100

52 74.0 61.8 92.8

51 33.7 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 18.24 ng

RT: 3.27 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

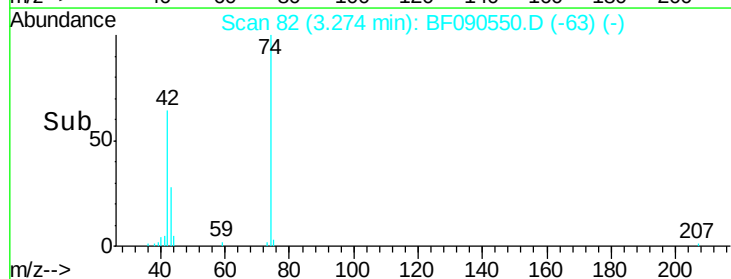
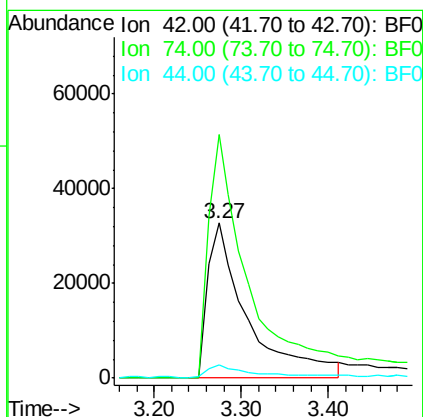
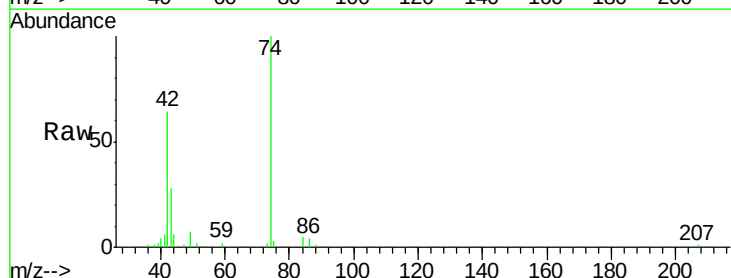
Tgt Ion: 42 Resp: 104719

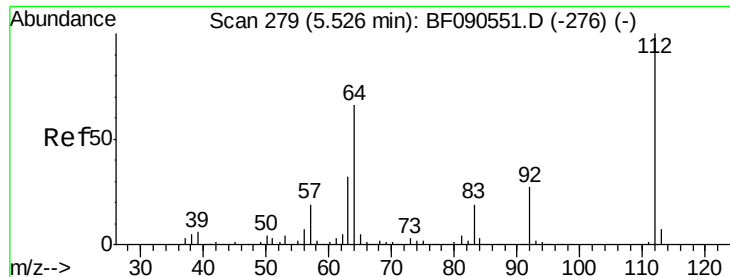
Ion Ratio Lower Upper

42 100

74 157.1 113.3 169.9

44 8.9 6.0 9.0





#5

2-Fluorophenol

Concen: 43.99 ng

RT: 5.53 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

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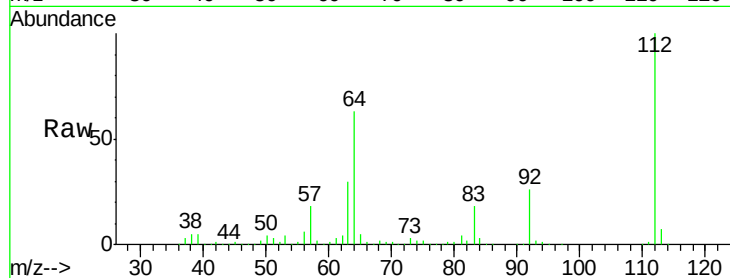
Tgt Ion: 112 Resp: 569980

Ion Ratio Lower Upper

112 100

64 62.7 52.6 78.8

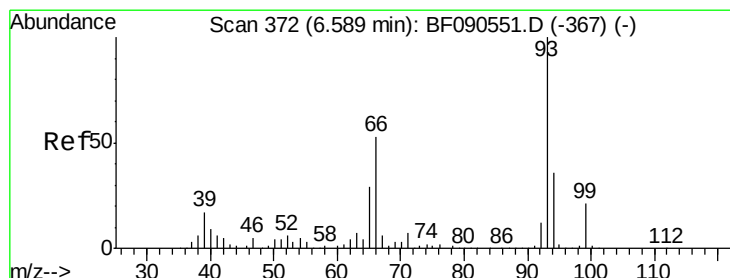
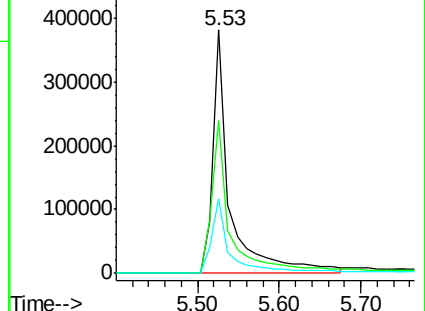
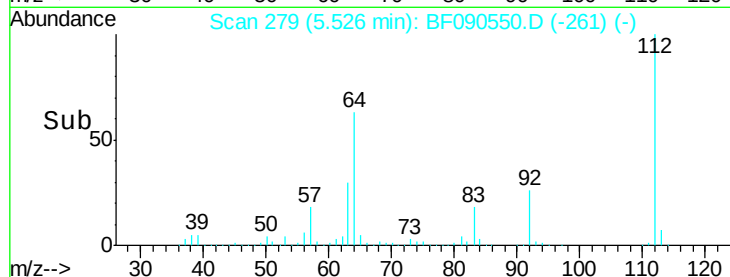
63 30.5 26.0 39.0



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: 24.74 ng

RT: 6.59 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

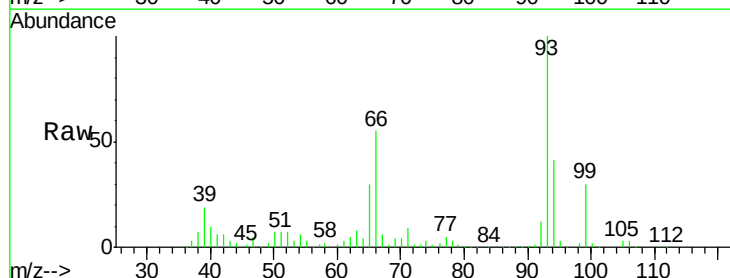
Tgt Ion: 93 Resp: 523436

Ion Ratio Lower Upper

93 100

66 54.9 42.2 63.2

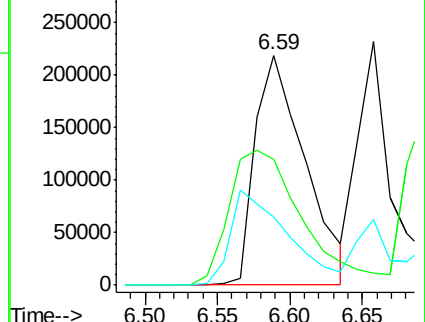
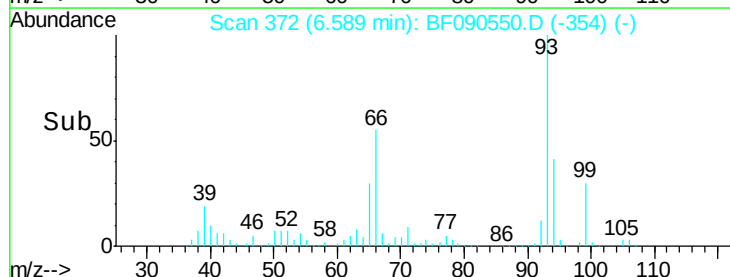
65 30.0 22.9 34.3

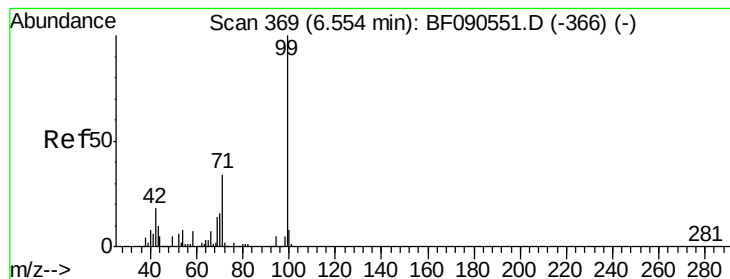


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 54.80 ng

RT: 6.55 min Scan# 369

Delta R.T. 0.00 min

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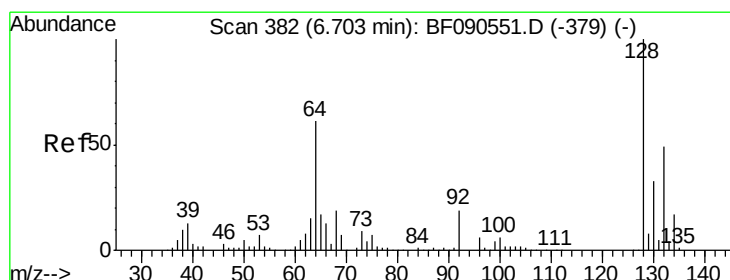
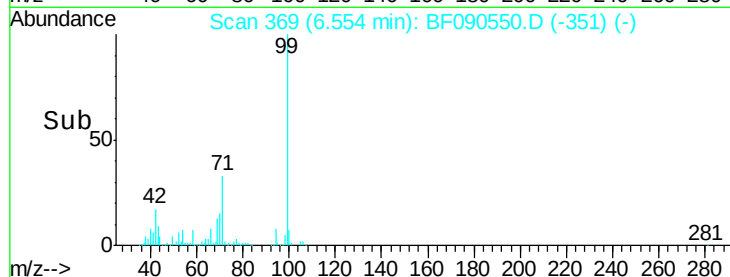
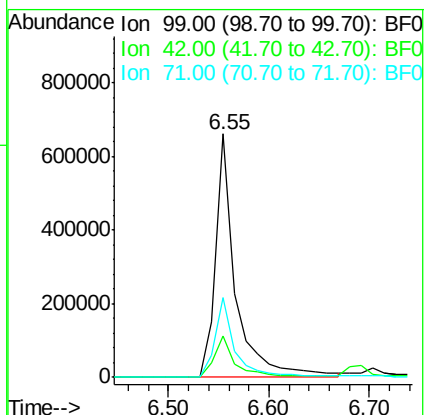
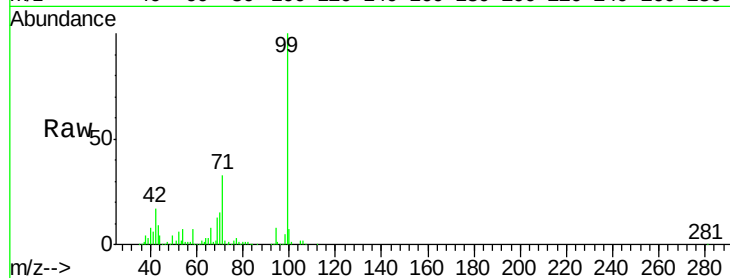
Tgt Ion: 99 Resp: 916852

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

71 33.0 27.6 41.4



#8

2-Chlorophenol

Concen: 27.36 ng

RT: 6.70 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

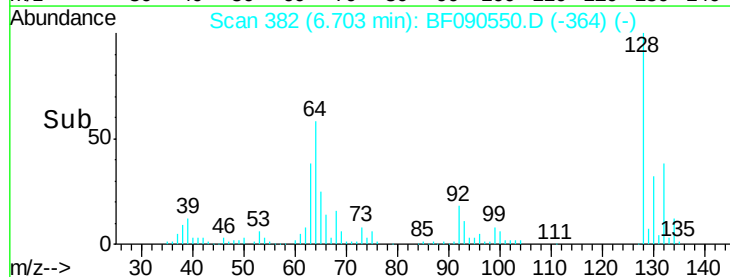
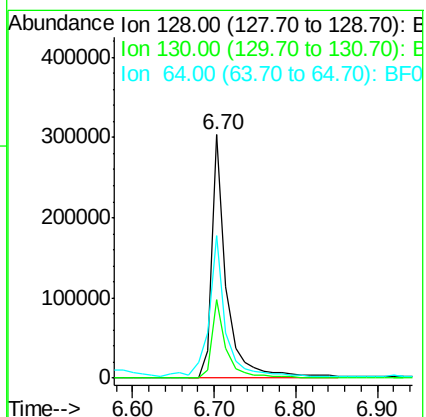
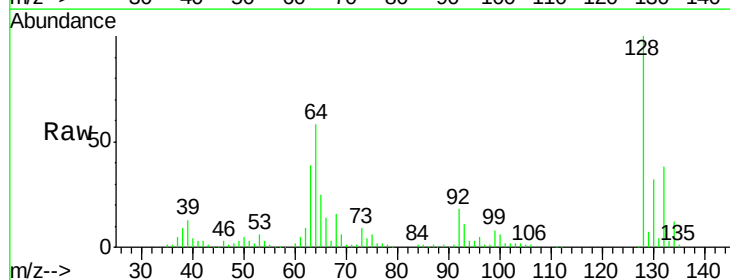
Tgt Ion: 128 Resp: 387407

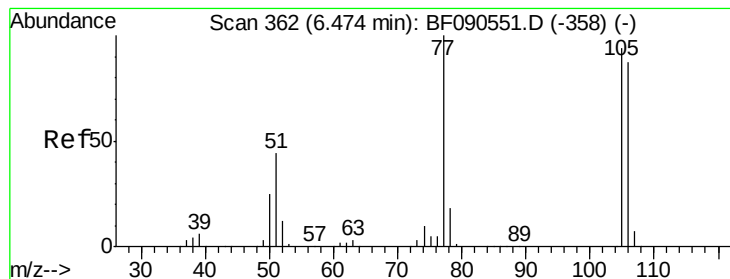
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 58.5 42.6 82.6





#9

Benzaldehyde

Concen: 28.21 ng

RT: 6.47 min Scan# 362

Delta R.T. 0.00 min

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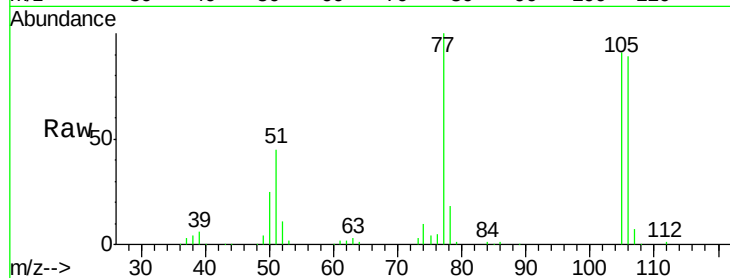
Tgt Ion: 77 Resp: 300010

Ion Ratio Lower Upper

77 100

105 91.2 74.3 114.3

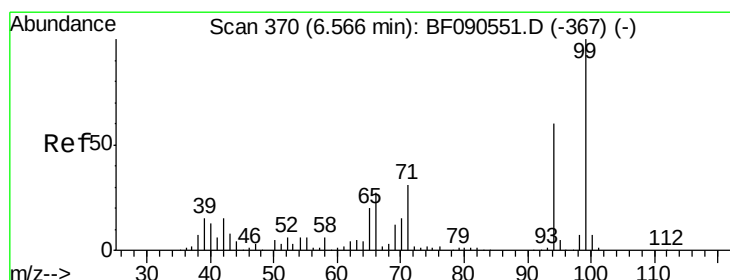
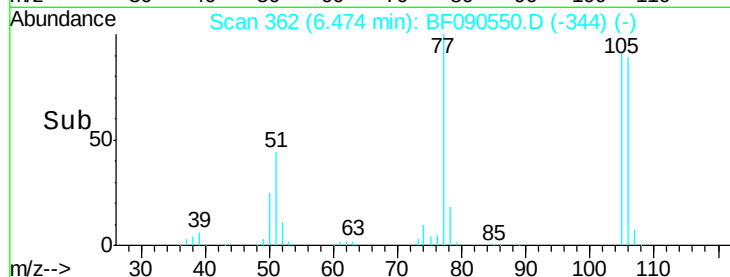
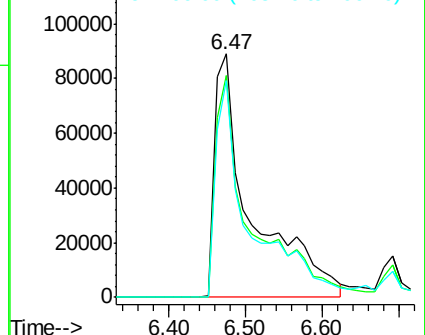
106 89.0 67.2 107.2



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: 28.72 ng

RT: 6.57 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

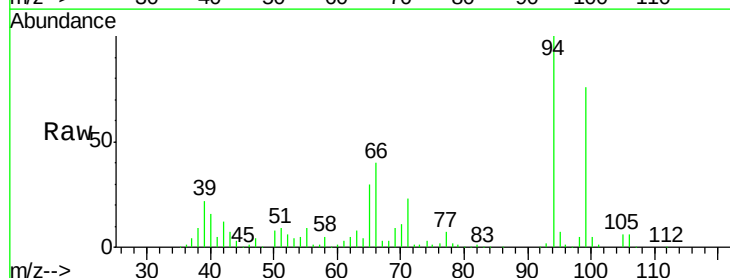
Tgt Ion: 94 Resp: 538994

Ion Ratio Lower Upper

94 100

65 30.1 12.5 52.5

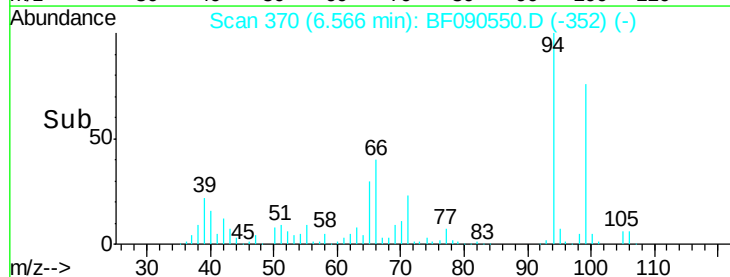
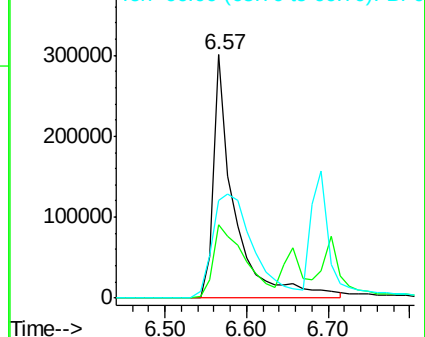
66 39.9 25.5 65.5

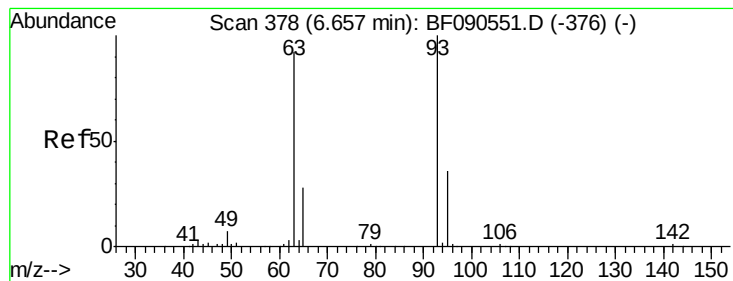


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

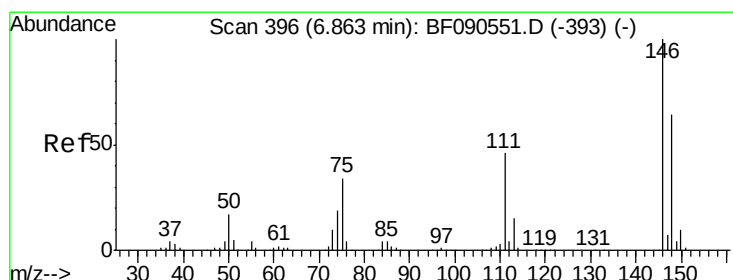
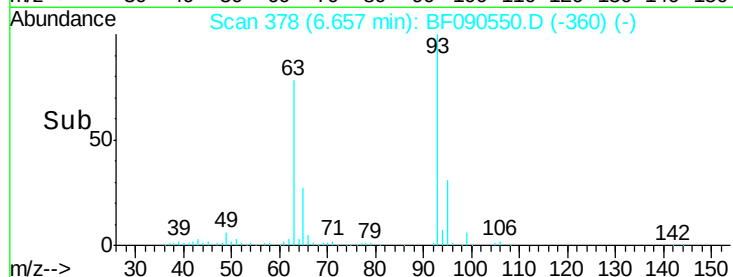
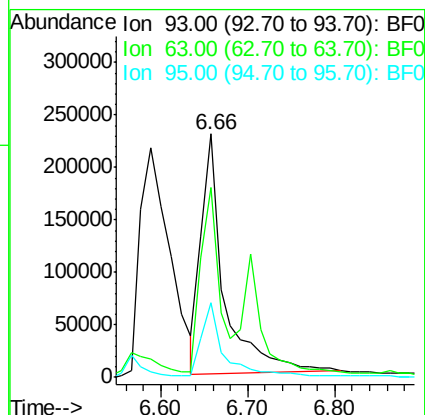
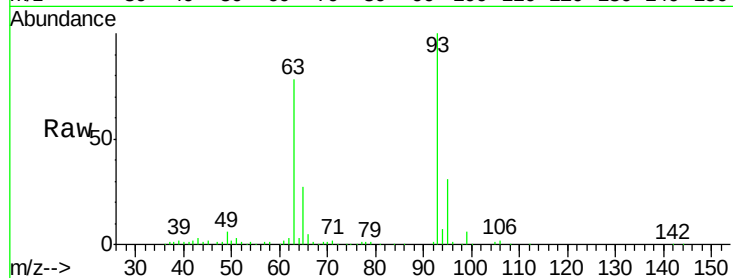




#11
bis(2-Chloroethyl)ether
Concen: 29.37 ng
RT: 6.66 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

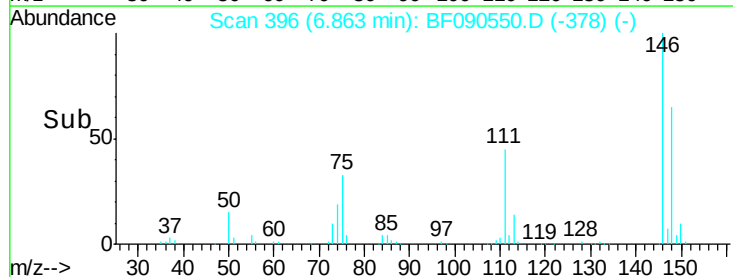
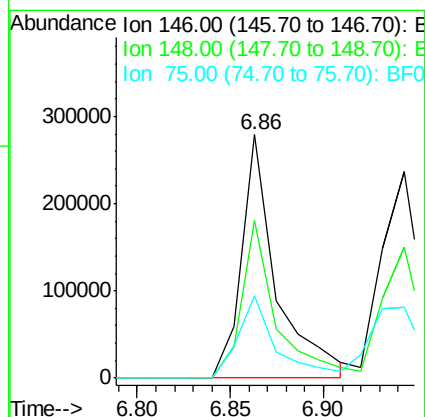
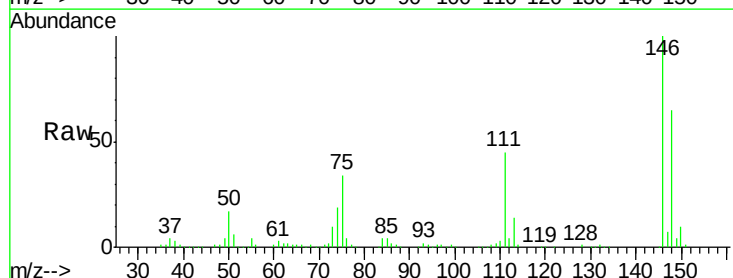
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

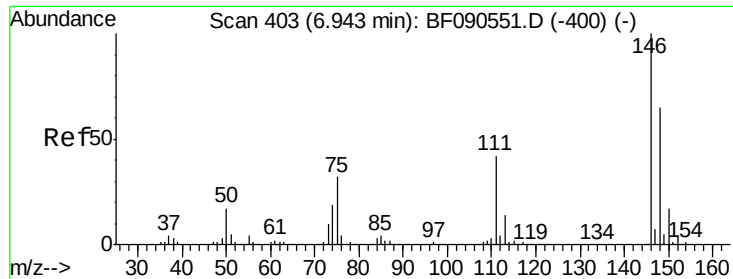
Tgt Ion: 93 Resp: 422690
Ion Ratio Lower Upper
93 100
63 78.0 61.6 101.6
95 30.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 24.21 ng
RT: 6.86 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion: 146 Resp: 362961
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 33.6 27.0 40.6

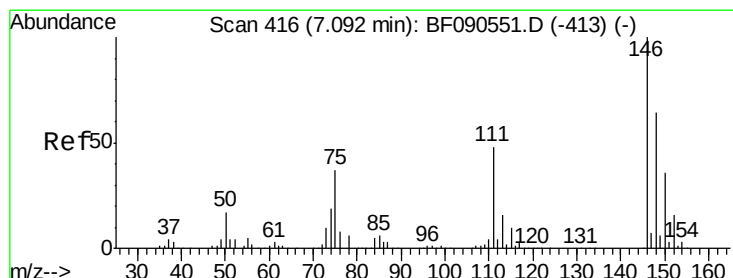
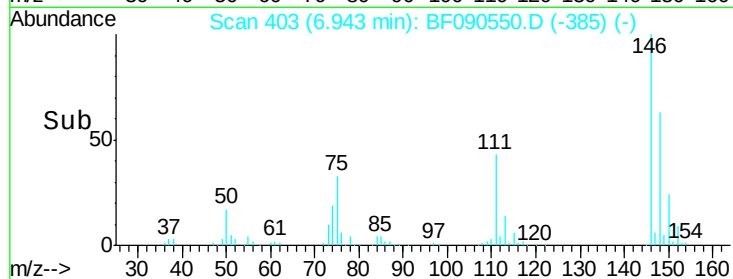
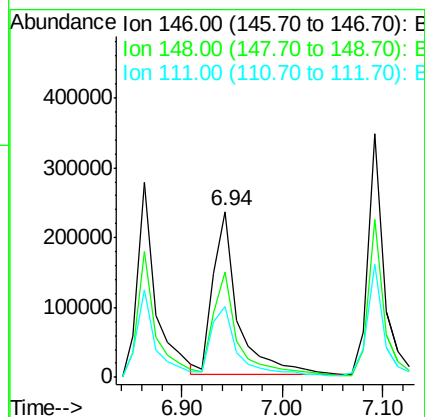
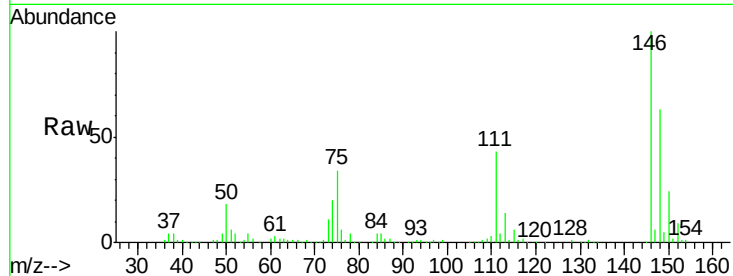




#13
 1,4-Dichlorobenzene
 Concen: 25.29 ng
 RT: 6.94 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

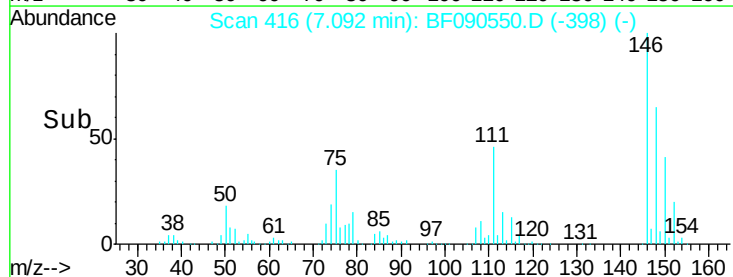
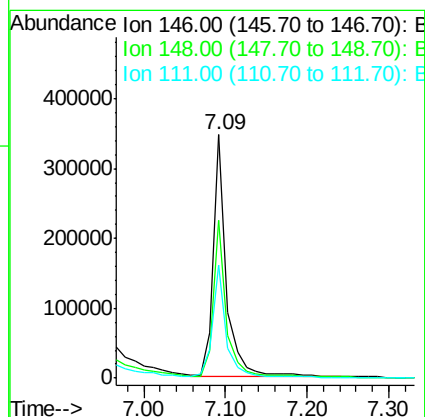
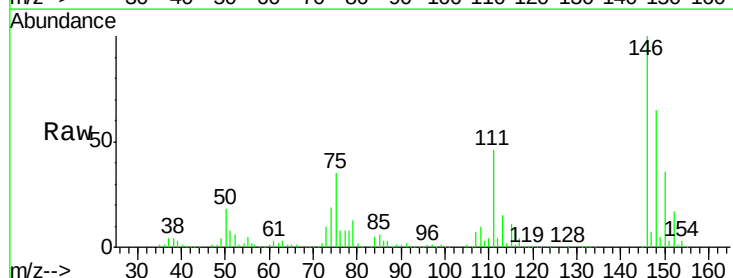
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

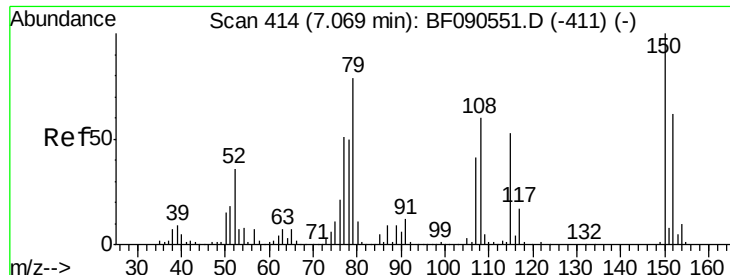
Tgt Ion:146 Resp: 395312
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 42.6 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 27.97 ng
 RT: 7.09 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion:146 Resp: 394838
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 46.2 38.2 57.2

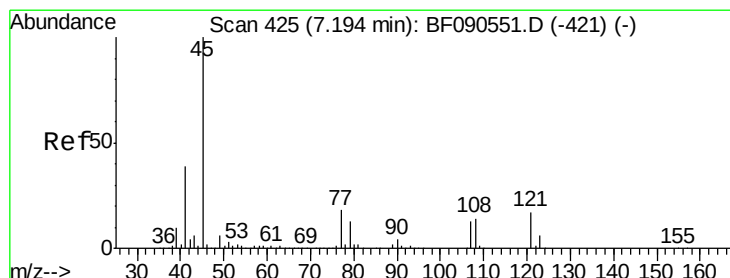
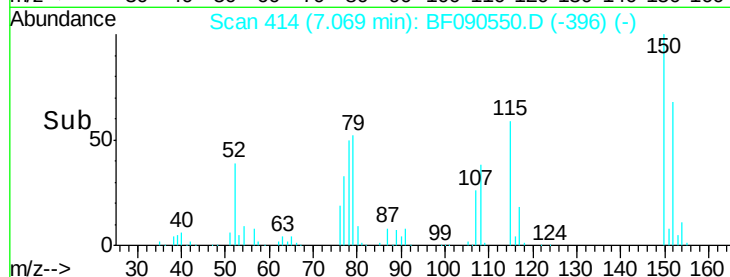
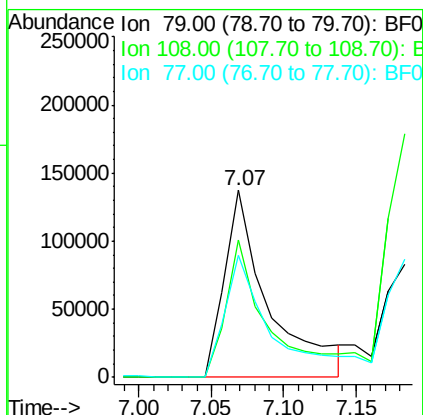
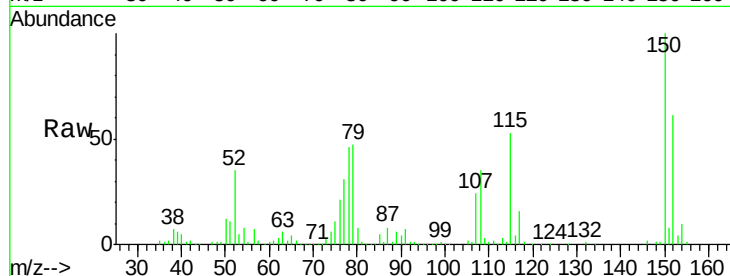




#15
Benzyl Alcohol
Concen: 22.72 ng
RT: 7.07 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

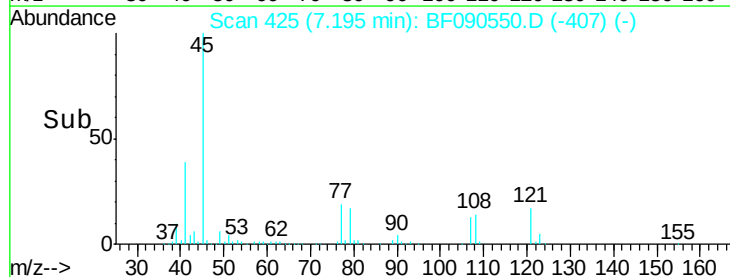
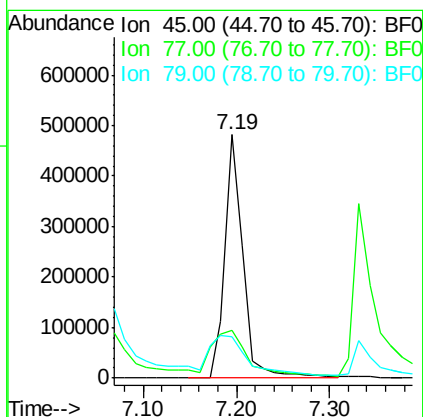
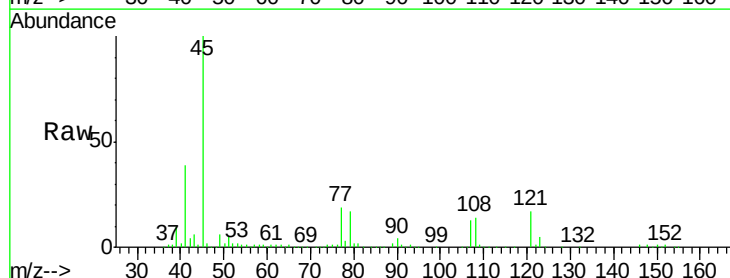
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

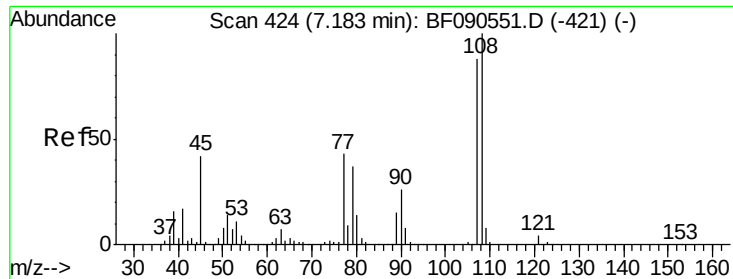
Tgt Ion: 79 Resp: 291691
Ion Ratio Lower Upper
79 100
108 73.6 60.2 90.4
77 65.1 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.19 ng
RT: 7.19 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion: 45 Resp: 653699
Ion Ratio Lower Upper
45 100
77 19.5 0.9 40.9
79 16.8 0.0 37.3

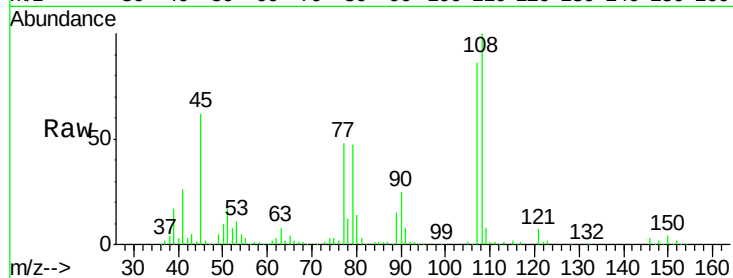




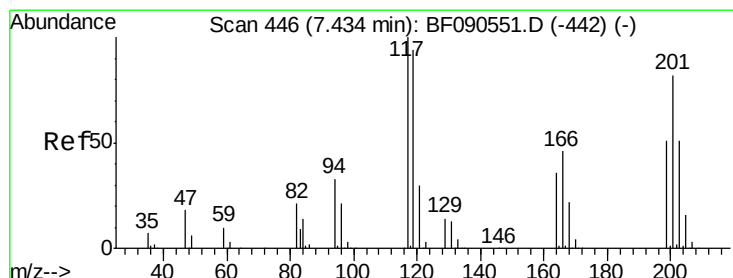
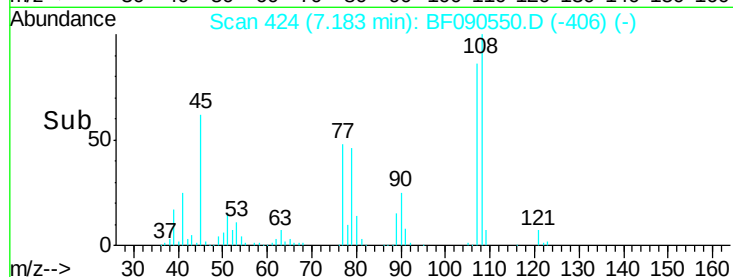
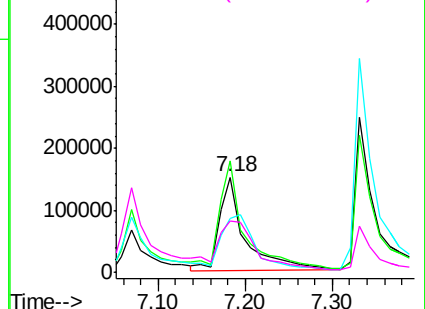
#17
2-Methylphenol
Concen: 26.93 ng
RT: 7.18 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion:107 Resp: 312498
Ion Ratio Lower Upper
107 100
108 116.2 92.6 138.8
77 56.2 42.2 63.2
79 54.2 40.7 61.1

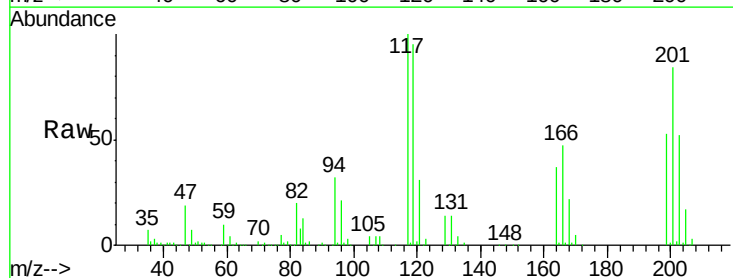


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

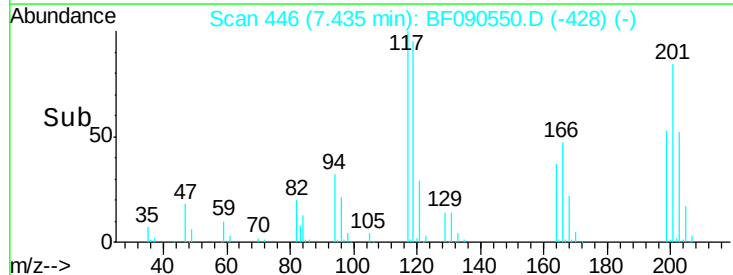
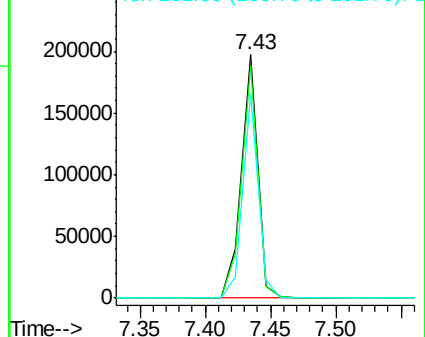


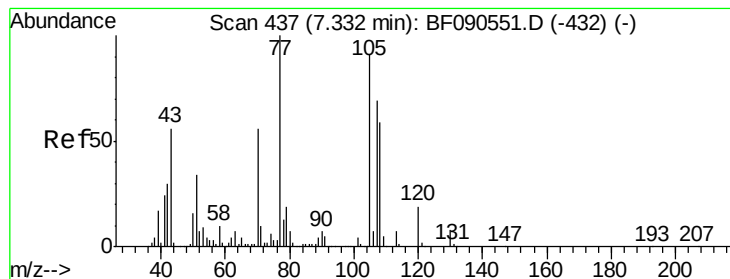
#18
Hexachloroethane
Concen: 29.23 ng
RT: 7.43 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:117 Resp: 170396
Ion Ratio Lower Upper
117 100
119 95.2 75.6 113.4
201 83.7 65.4 98.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.73 ng

RT: 7.33 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tgt Ion: 70 Resp: 338352

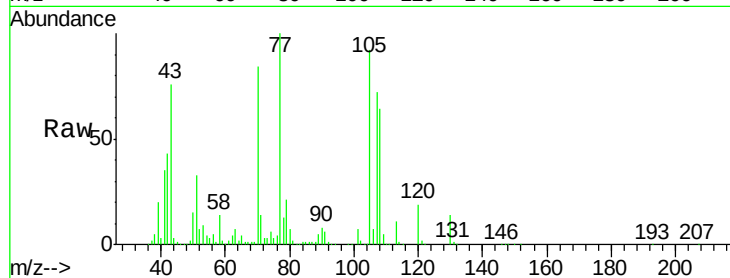
Ion Ratio Lower Upper

70 100

42 51.7 43.4 65.0

101 8.3 6.4 9.6

130 17.2 12.1 18.1

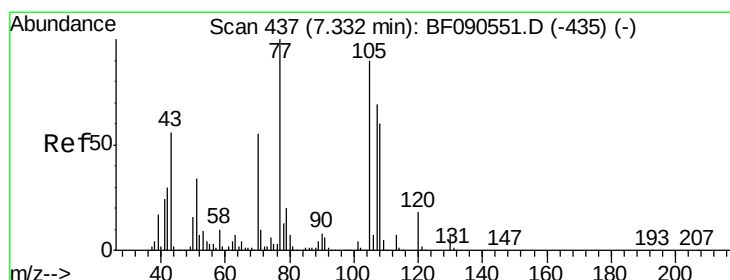
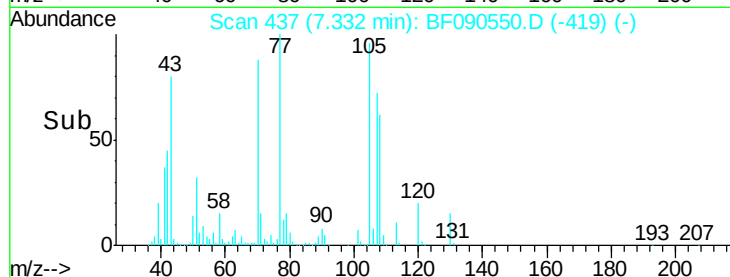
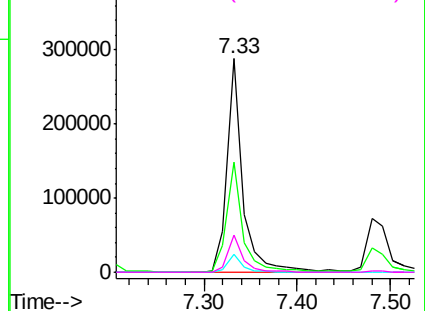


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 26.14 ng

RT: 7.33 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Tgt Ion: 107 Resp: 377929

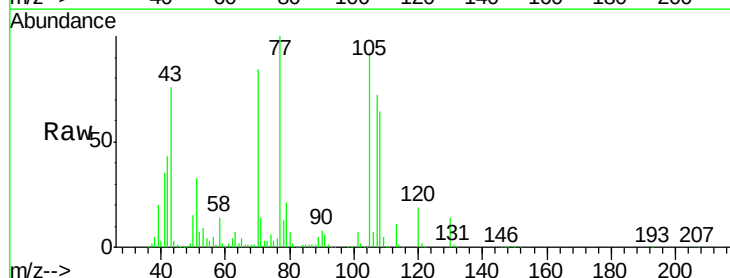
Ion Ratio Lower Upper

107 100

108 88.8 67.7 107.7

77 138.2 123.1 163.1

79 29.4 9.6 49.6

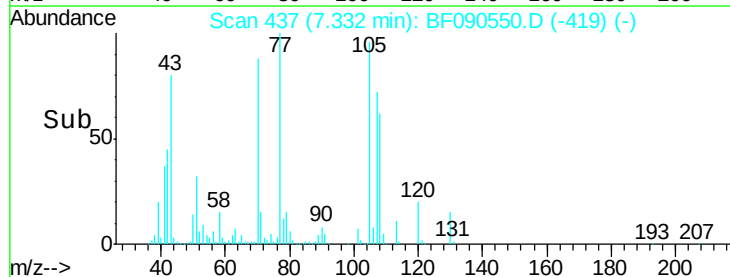
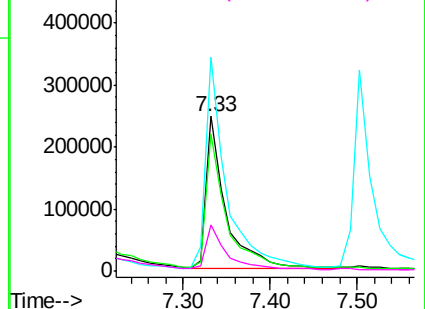


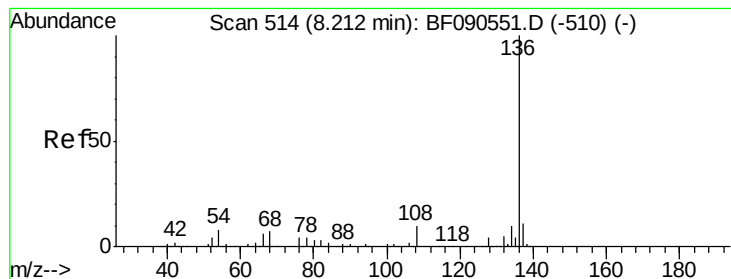
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tgt Ion:136 Resp: 897406

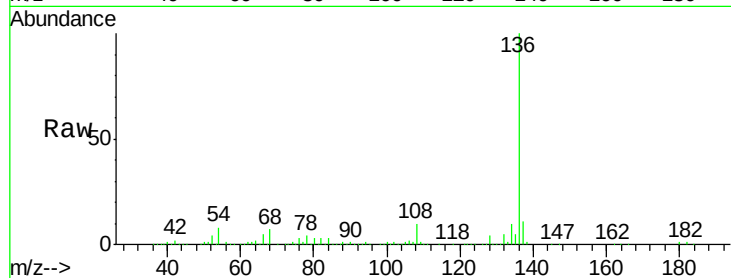
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 6.8 10.2

68 7.3 6.0 9.0

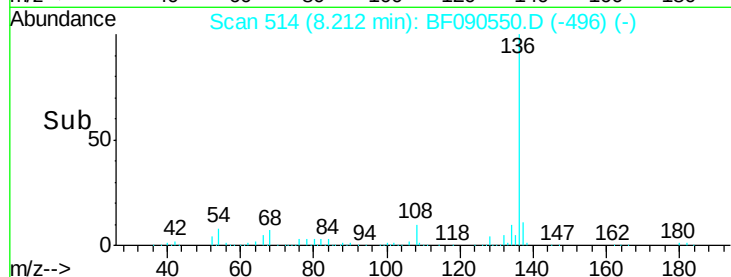


Abundance Ion 136.00 (135.70 to 136.70): E

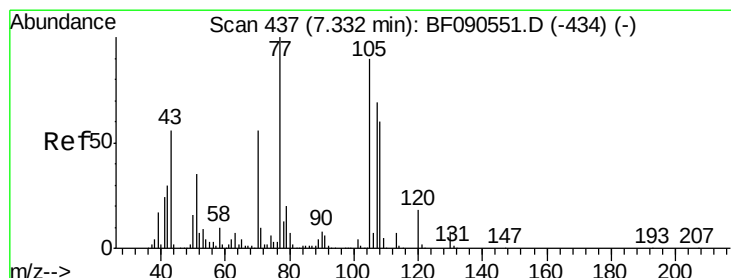
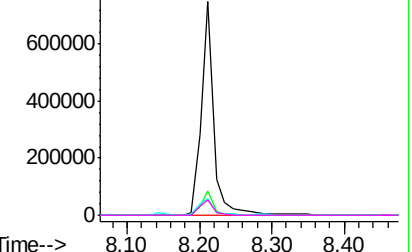
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 27.62 ng

RT: 7.33 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Tgt Ion:105 Resp: 547803

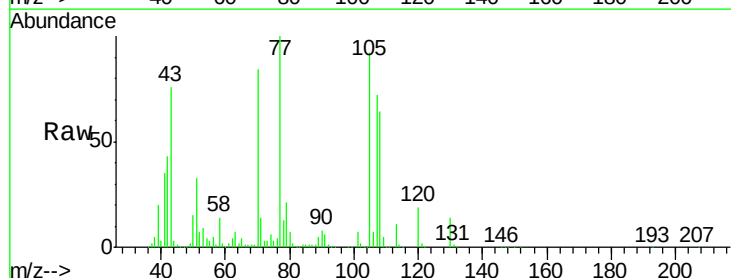
Ion Ratio Lower Upper

105 100

71 15.2 8.5 12.7#

51 35.5 31.0 46.4

120 20.9 16.2 24.4

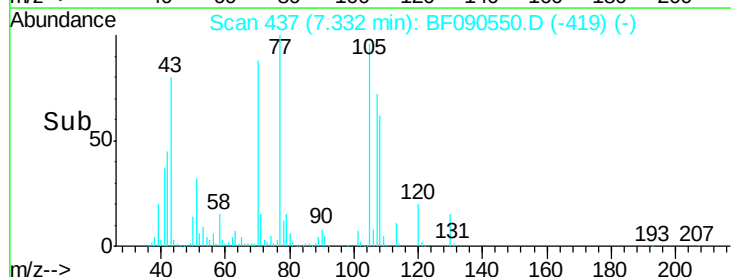


Abundance Ion 105.00 (104.70 to 105.70): E

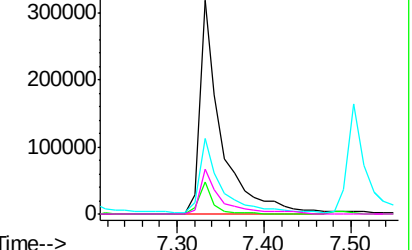
Ion 71.00 (70.70 to 71.70): BF0

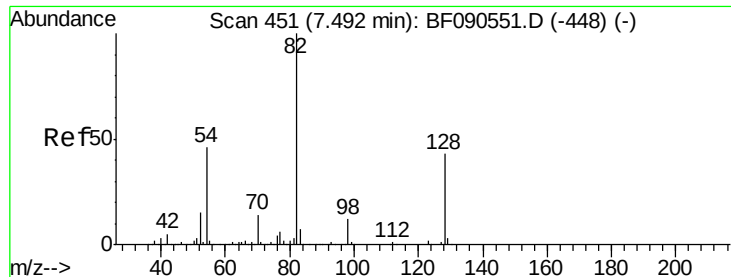
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

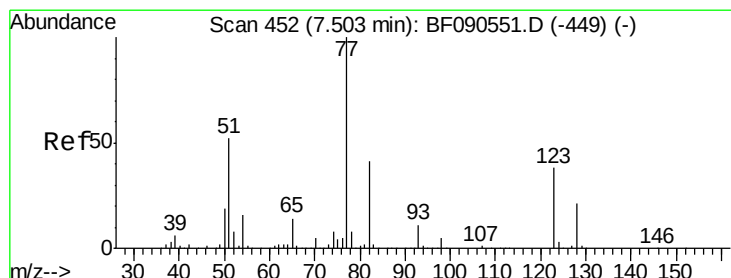
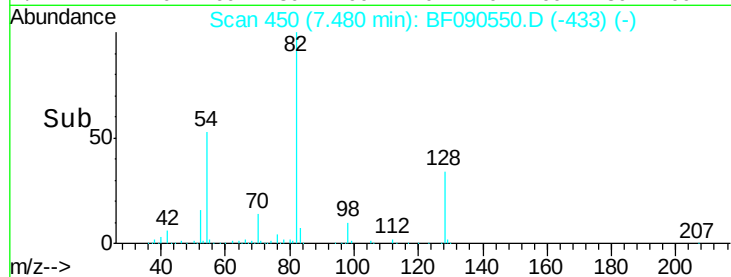
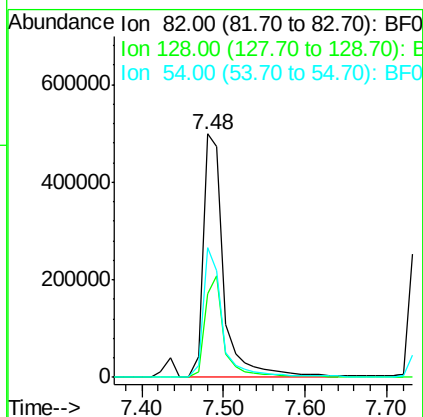
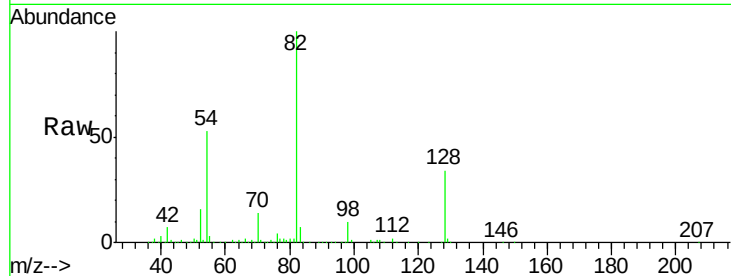




#23
 Nitrobenzene-d5
 Concen: 53.02 ng
 RT: 7.48 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

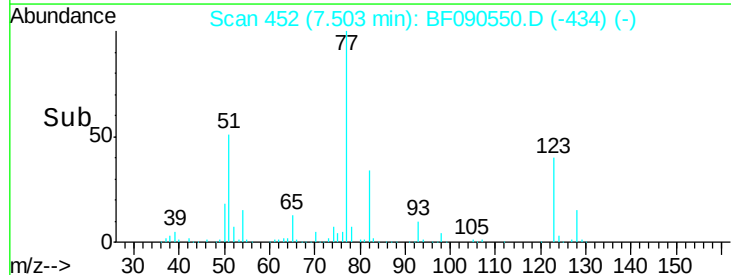
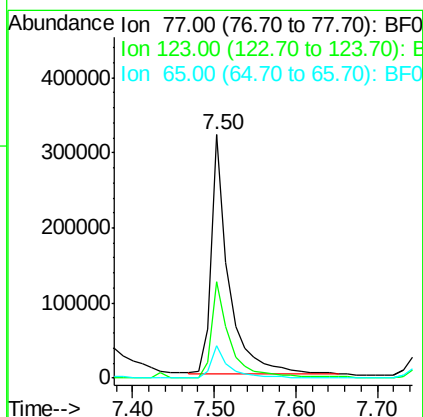
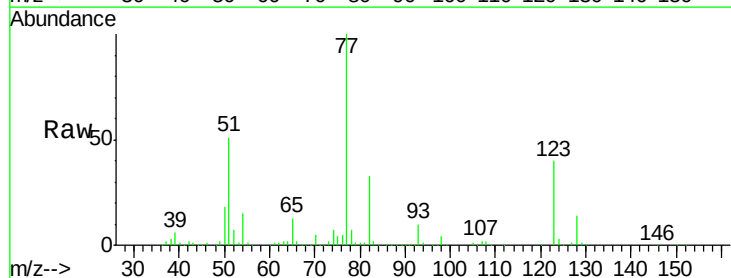
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

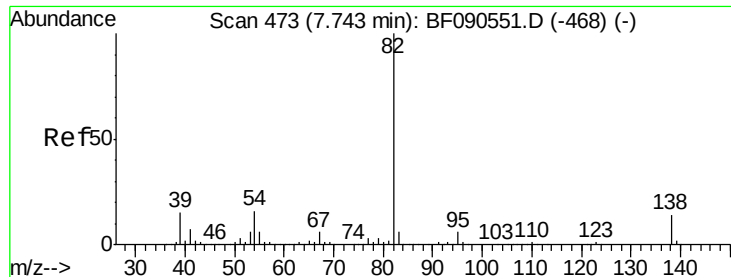
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	34.3	51.5
54	53.1	37.0	55.6



#24
 Nitrobenzene
 Concen: 26.92 ng
 RT: 7.50 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	29.8	44.6
65	13.5	10.9	16.3





#25

Isophorone

Concen: 27.01 ng

RT: 7.74 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

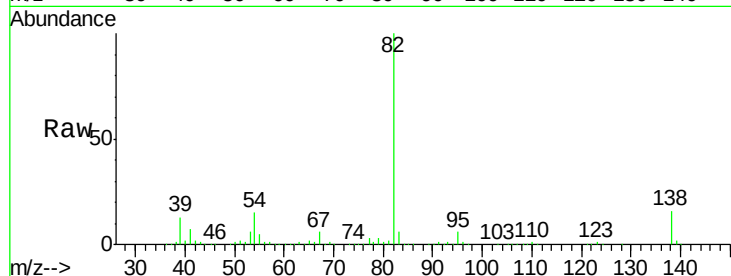
Tgt Ion: 82 Resp: 814762

Ion Ratio Lower Upper

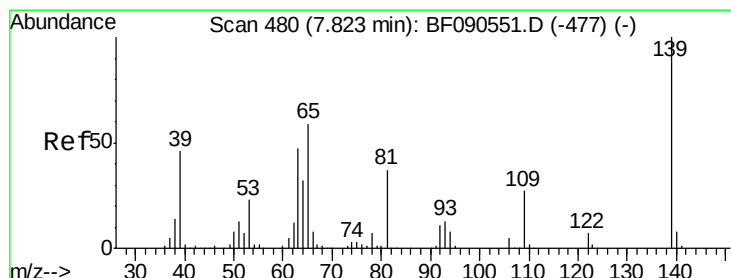
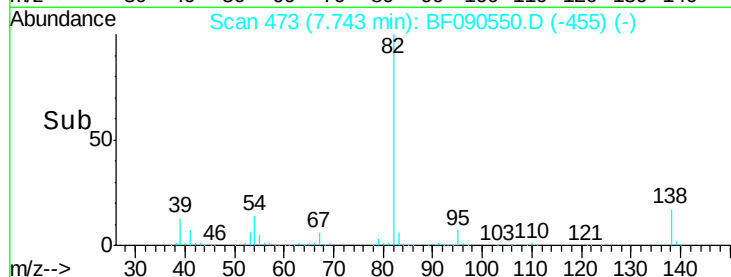
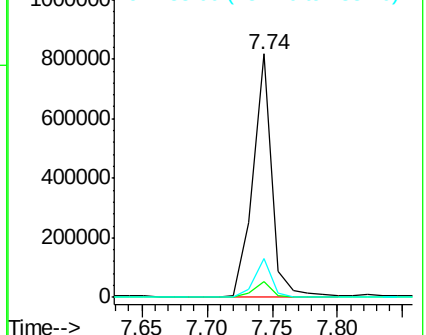
82 100

95 6.4 5.0 7.6

138 16.2 11.5 17.3



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



#26

2-Nitrophenol

Concen: 25.06 ng

RT: 7.82 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

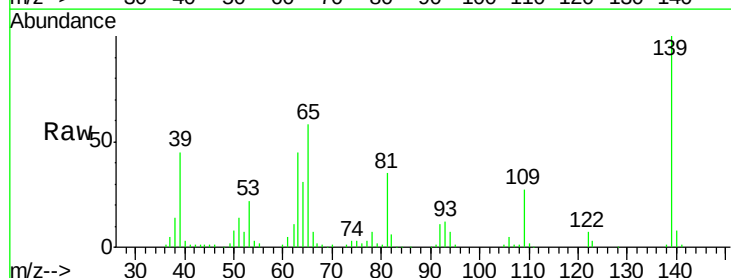
Tgt Ion: 139 Resp: 200122

Ion Ratio Lower Upper

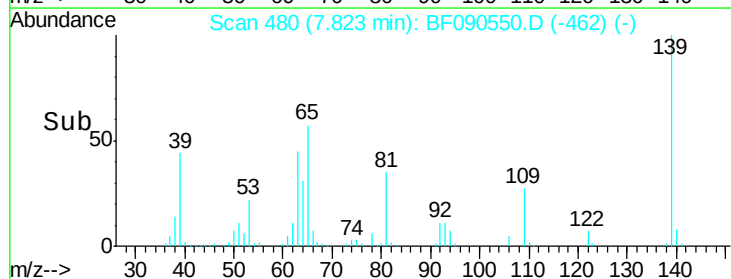
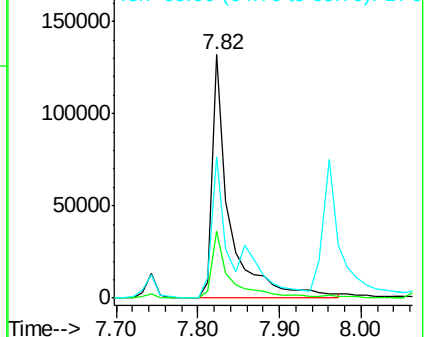
139 100

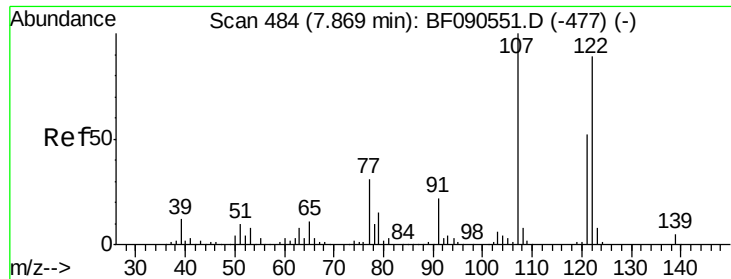
109 27.3 21.8 32.6

65 58.2 47.7 71.5



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





#27

2,4-Dimethylphenol

Concen: 23.04 ng

RT: 7.86 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

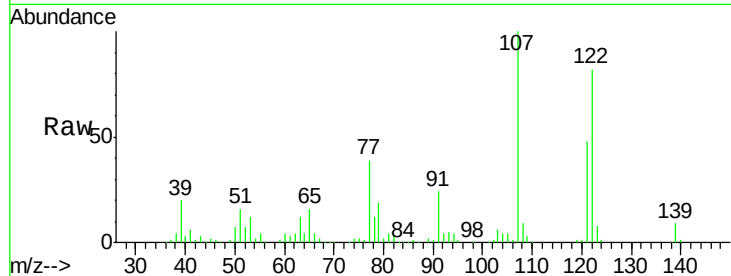
Tgt Ion: 122 Resp: 312668

Ion Ratio Lower Upper

122 100

107 122.6 89.8 134.6

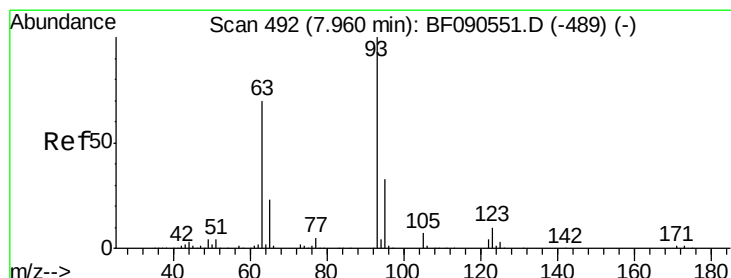
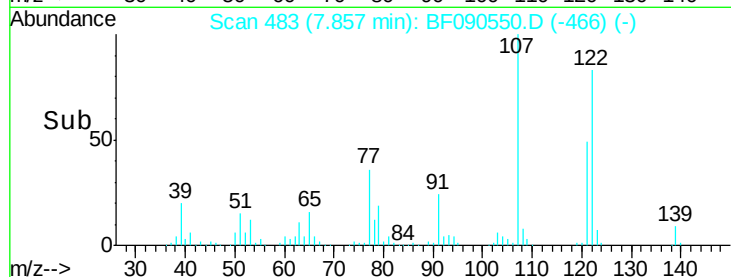
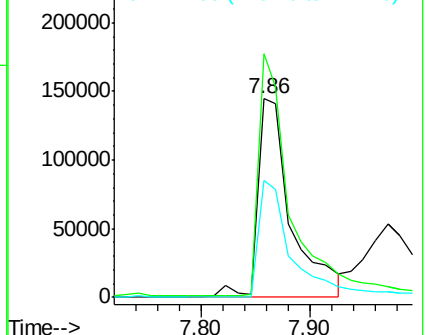
121 58.9 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.77 ng

RT: 7.96 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

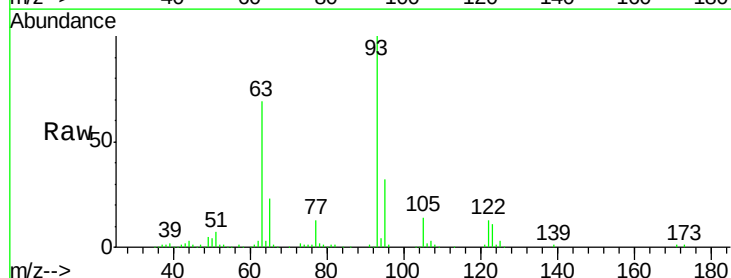
Tgt Ion: 93 Resp: 466488

Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

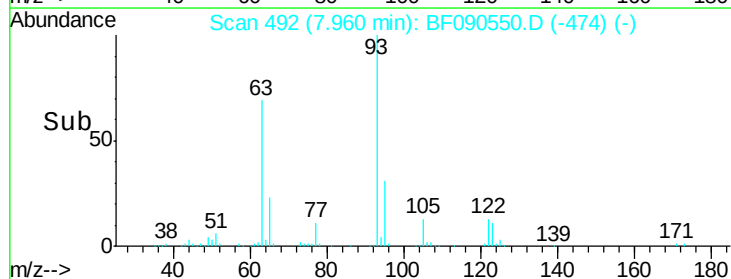
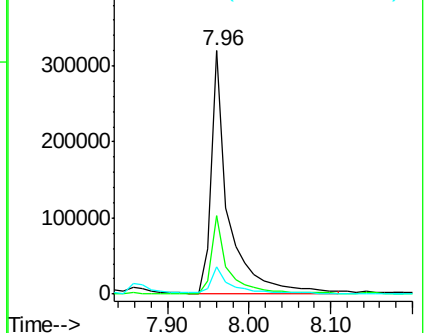
123 11.2 8.6 13.0

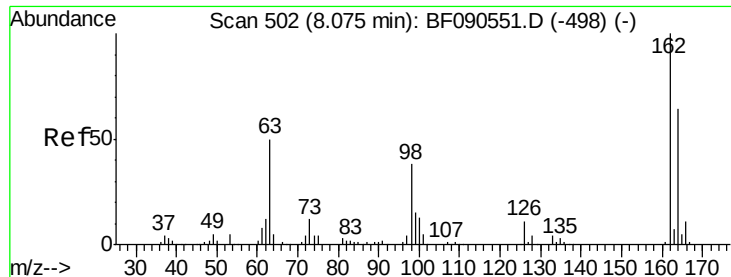


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

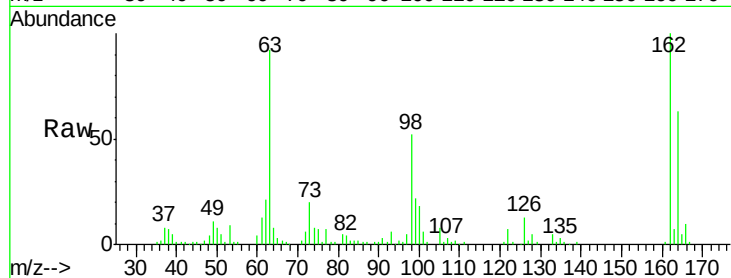




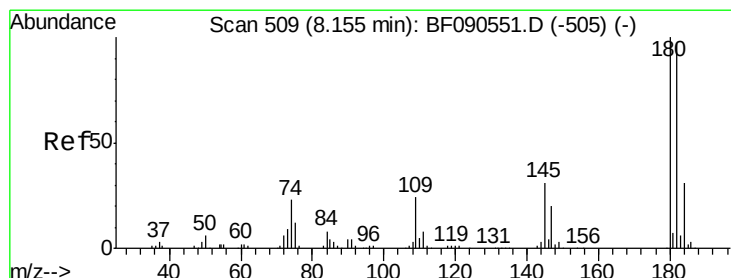
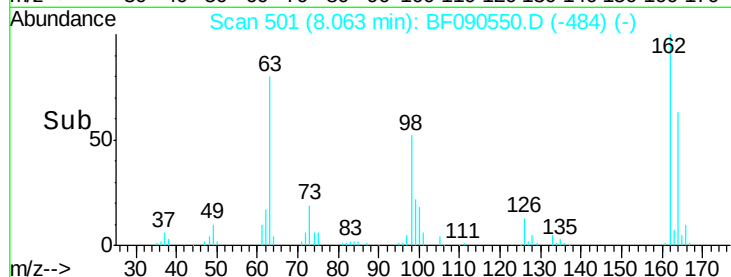
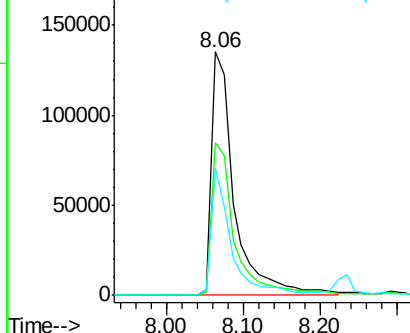
#29
2,4-Dichlorophenol
Concen: 24.70 ng
RT: 8.06 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:162 Resp: 279913
Ion Ratio Lower Upper
162 100
164 62.8 44.0 84.0
98 52.2 18.0 58.0

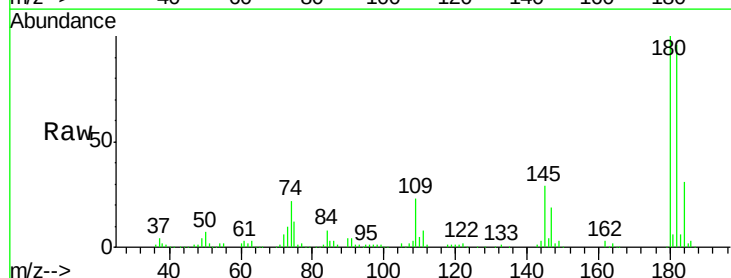


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

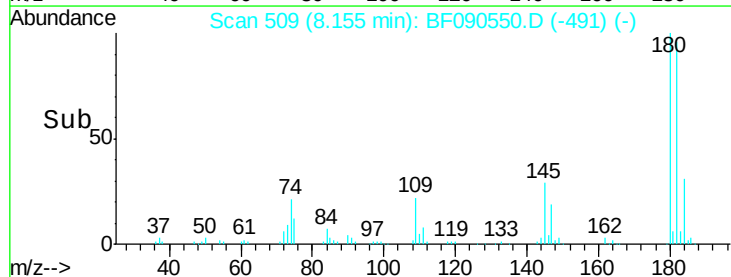
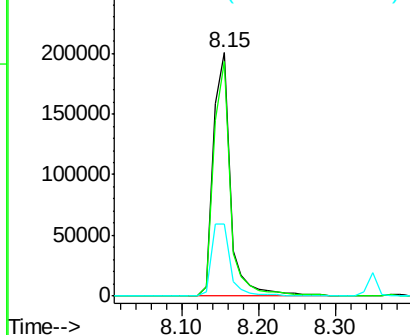


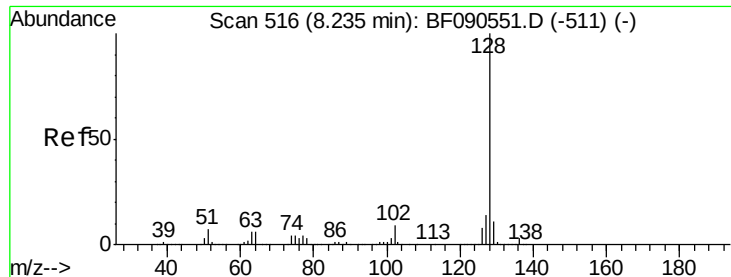
#30
1,2,4-Trichlorobenzene
Concen: 23.64 ng
RT: 8.15 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:180 Resp: 311158
Ion Ratio Lower Upper
180 100
182 96.3 77.2 115.8
145 29.5 24.4 36.6



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

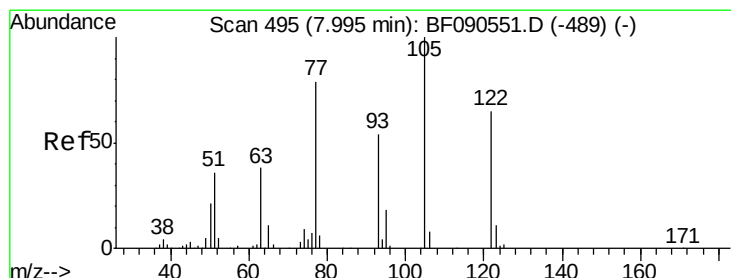
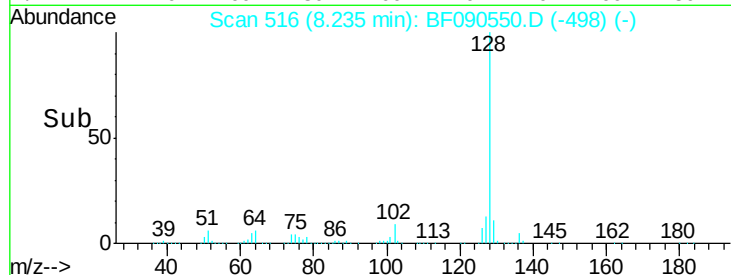
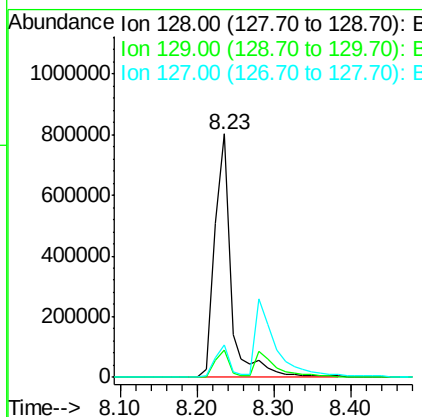
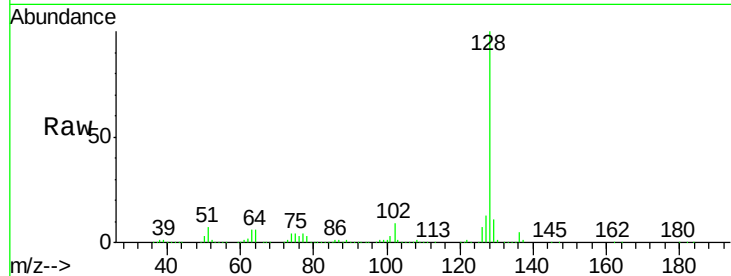




#31
Naphthalene
Concen: 26.38 ng
RT: 8.23 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

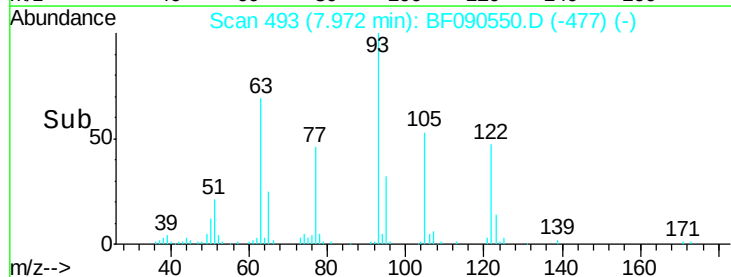
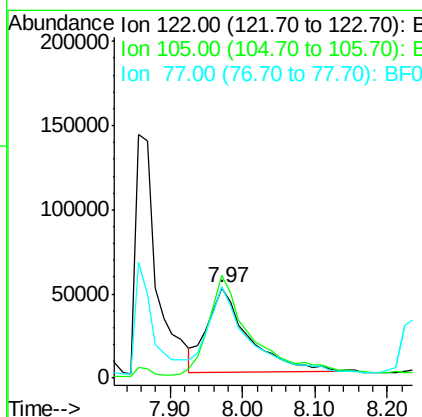
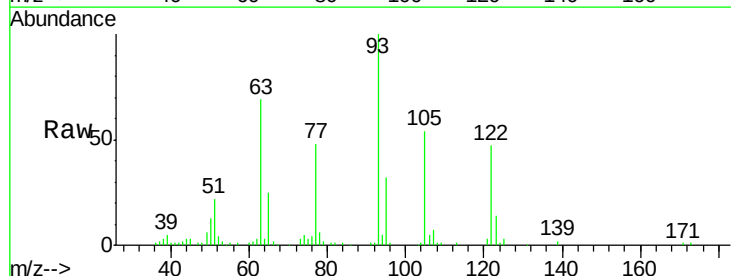
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

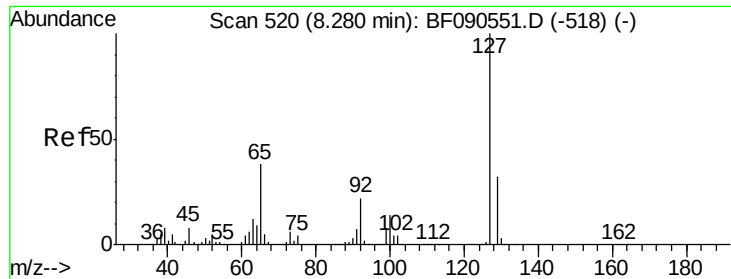
Tgt Ion:128 Resp: 1188311
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 18.94 ng
RT: 7.97 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:122 Resp: 195561
Ion Ratio Lower Upper
122 100
105 113.5 101.1 141.1
77 100.8 84.7 124.7

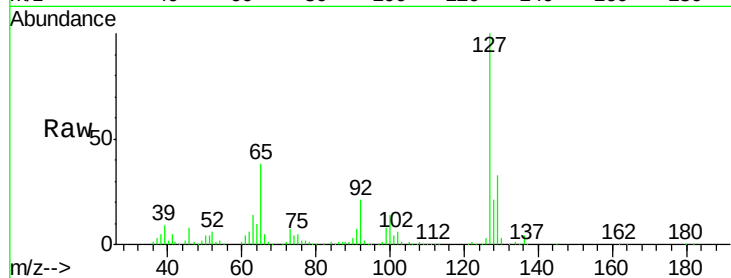




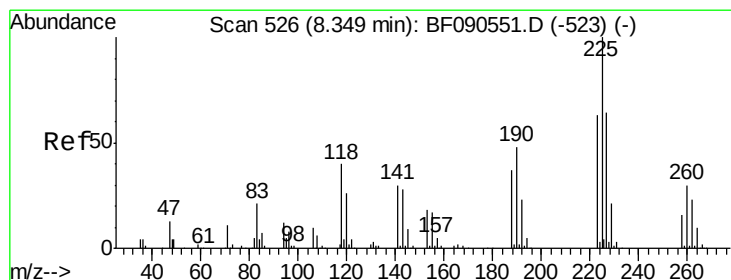
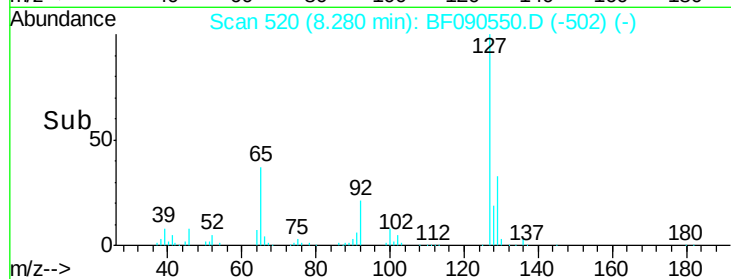
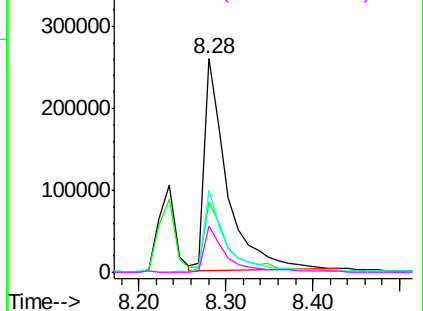
#33
4-Chloroaniline
Concen: 24.91 ng
RT: 8.28 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:	127	Resp:	469477
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	38.3	30.1	45.1
92	21.4	17.2	25.8

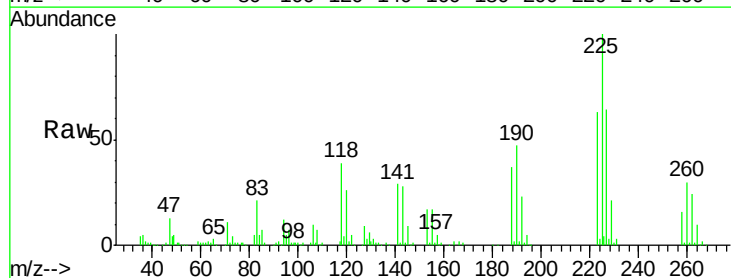


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

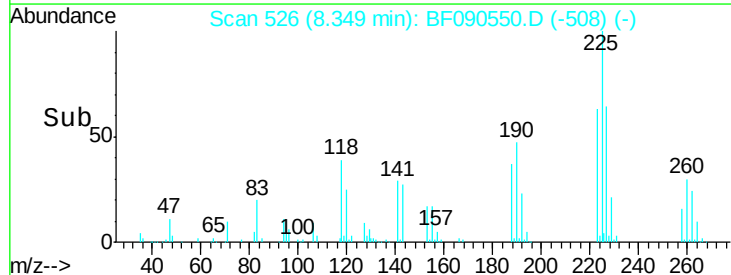
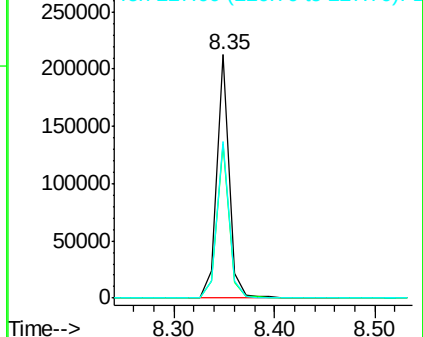


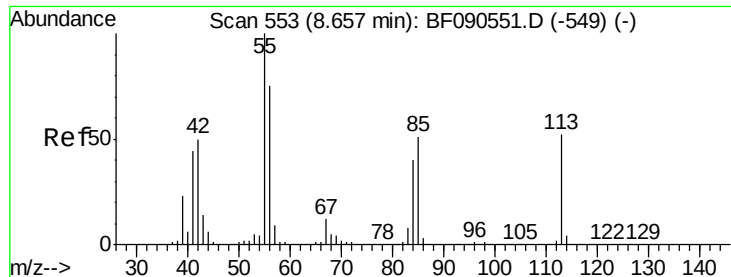
#34
Hexachlorobutadiene
Concen: 24.80 ng
RT: 8.35 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:	225	Resp:	181671
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.2	51.4	77.2



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: 22.20 ng

RT: 8.63 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

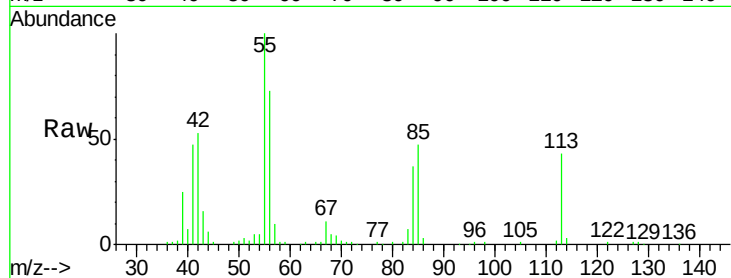
Tgt Ion:113 Resp: 81495

Ion Ratio Lower Upper

113 100

55 231.0 170.8 210.8#

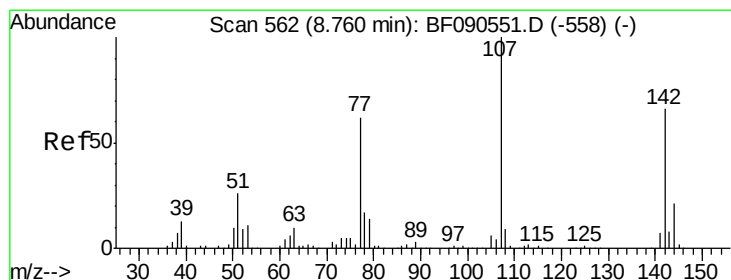
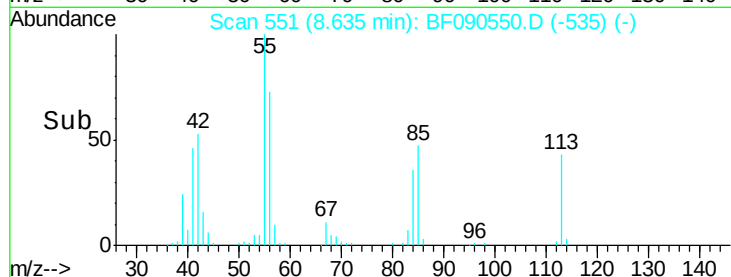
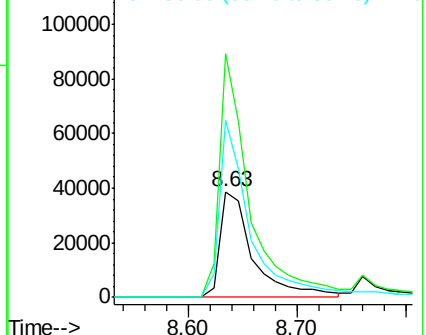
56 168.5 122.4 162.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.50 ng

RT: 8.76 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

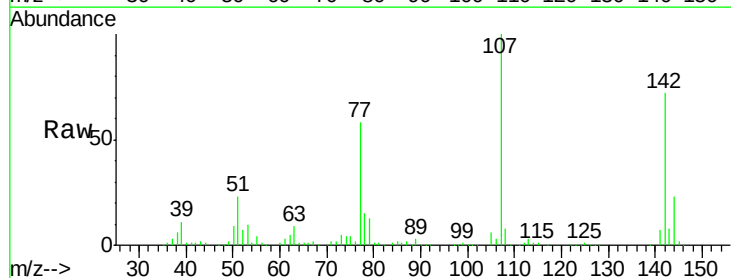
Tgt Ion:107 Resp: 351992

Ion Ratio Lower Upper

107 100

144 22.6 16.9 25.3

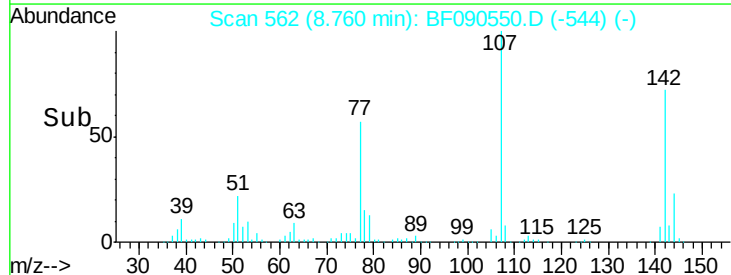
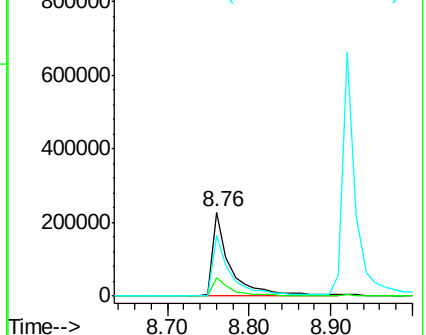
142 71.9 52.5 78.7

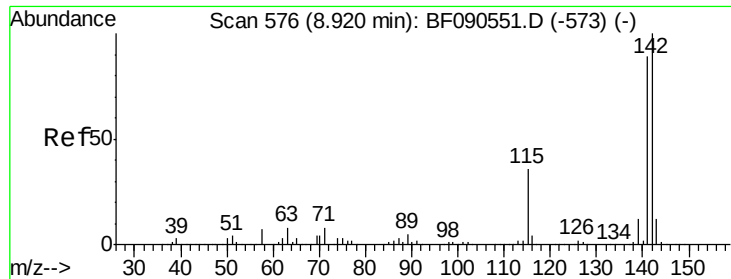


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

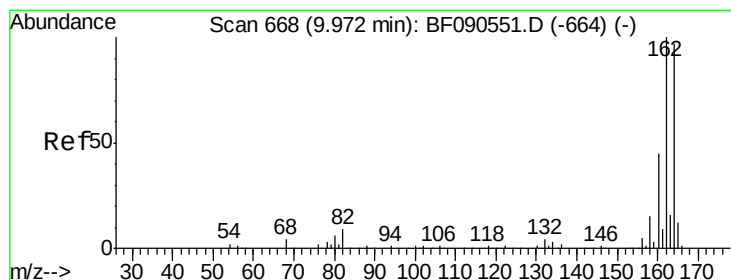
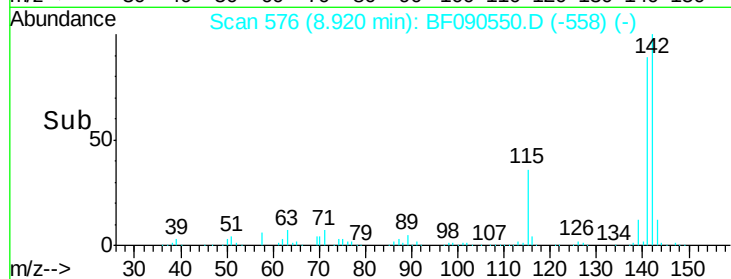
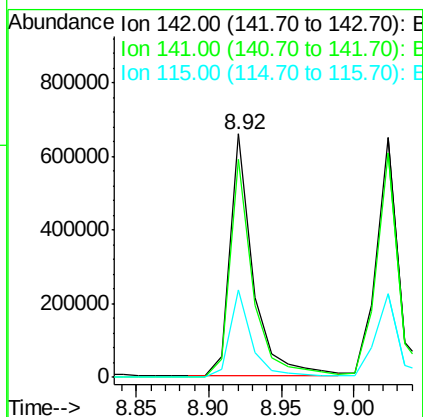
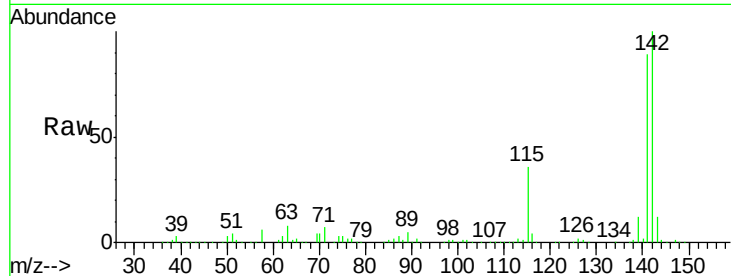




#37
 2-Methylnaphthalene
 Concen: 24.27 ng
 RT: 8.92 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

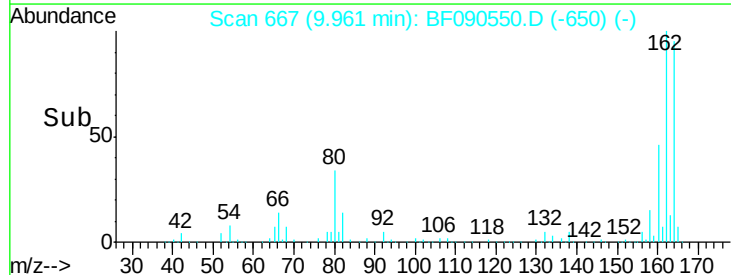
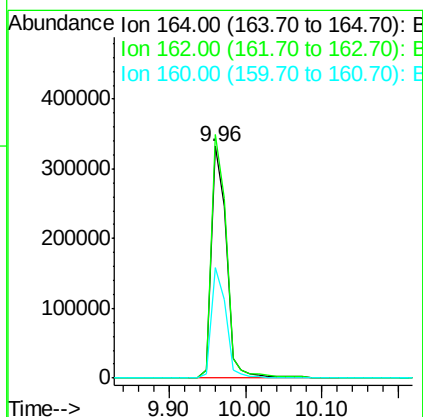
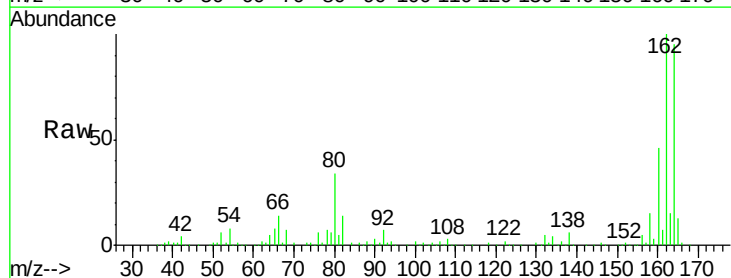
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

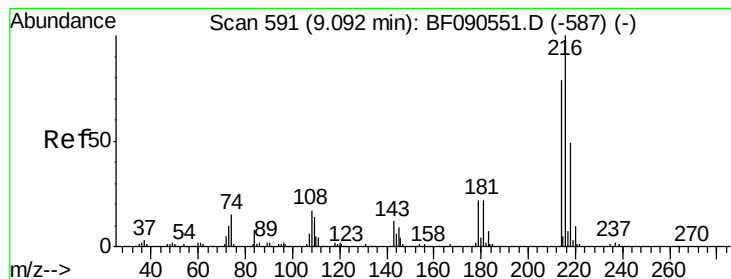
Tgt Ion:142 Resp: 726573
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.3 106.9
 115 36.0 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion:164 Resp: 450554
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.2 123.4
 160 47.9 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.87 ng

RT: 9.09 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

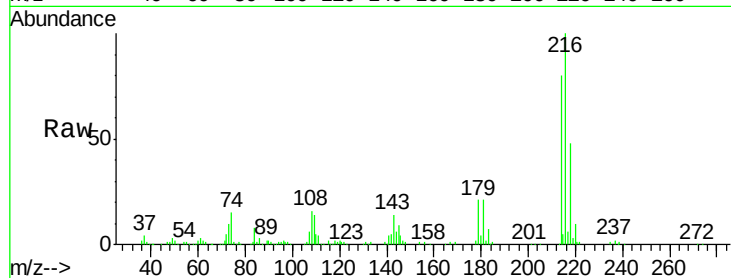
Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:	216	Resp:	295997
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.5	95.3
179	23.3	18.9	28.3
108	23.9	17.8	26.6

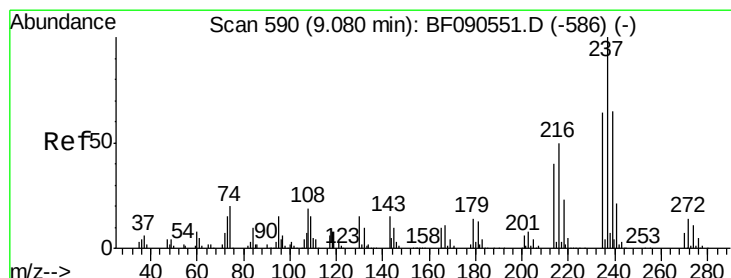
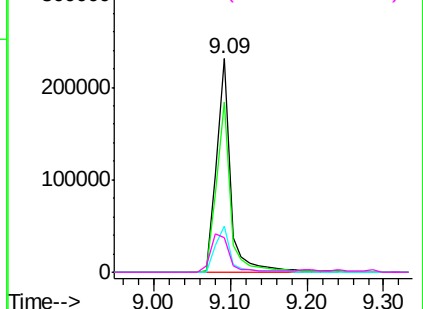
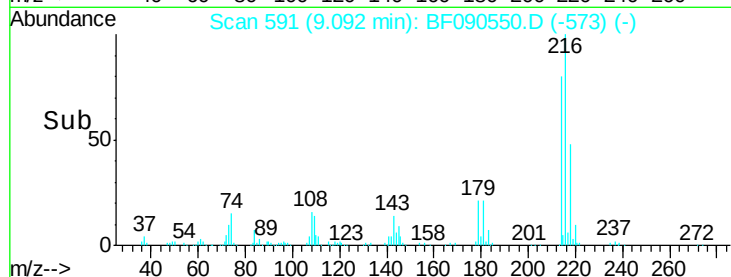


Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.53 ng

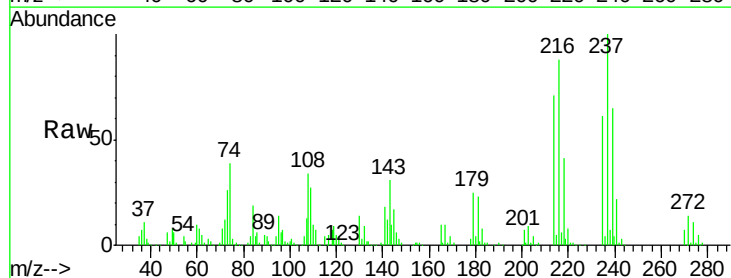
RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

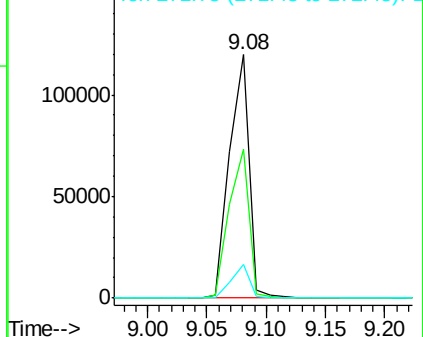
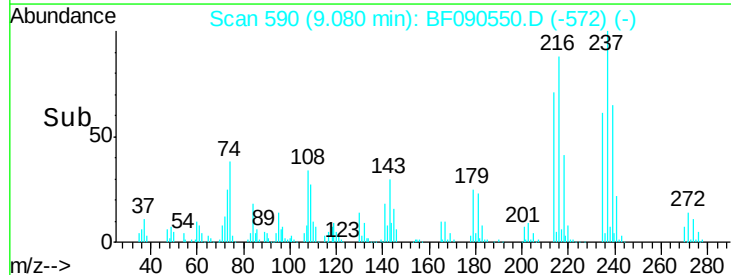
Tgt Ion:	237	Resp:	137438
Ion Ratio		Lower	Upper
237	100		
235	61.3	43.8	83.8
272	13.7	0.0	33.7

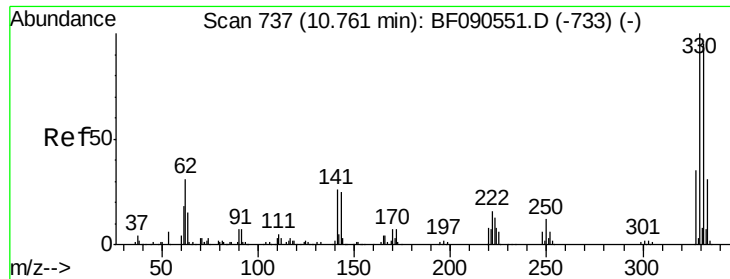


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

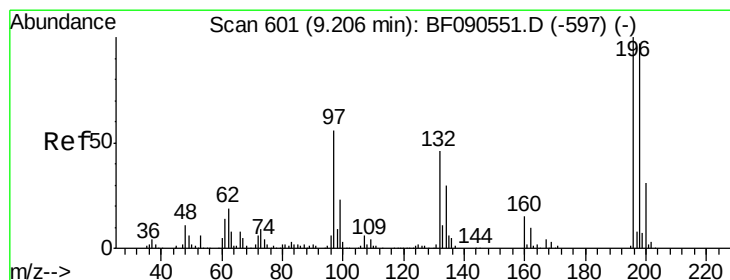
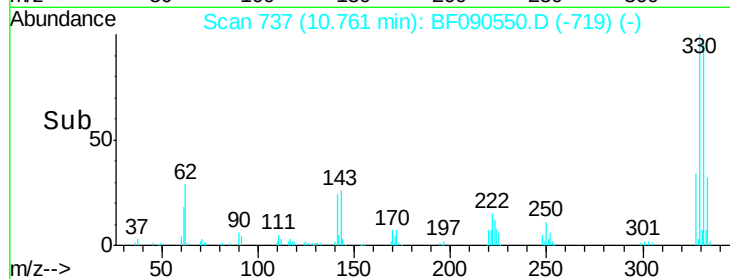
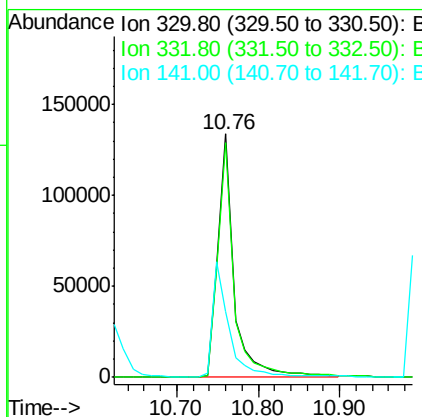
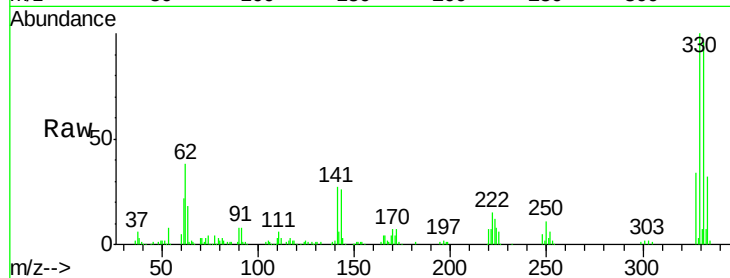




#41
 2,4,6-Tribromophenol
 Concen: 43.07 ng
 RT: 10.76 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

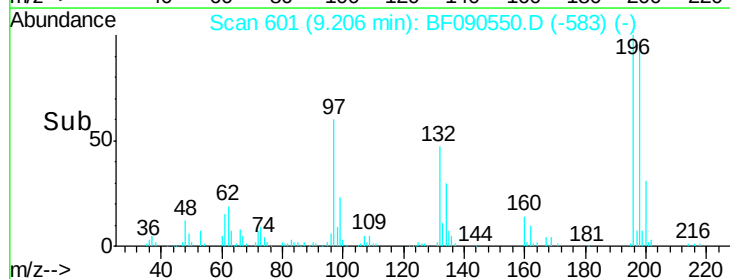
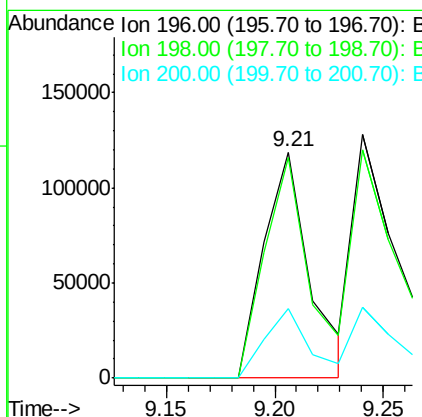
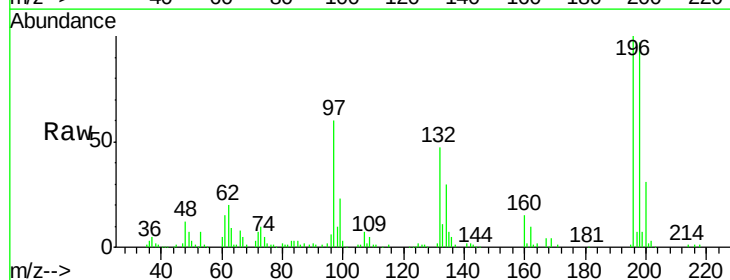
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

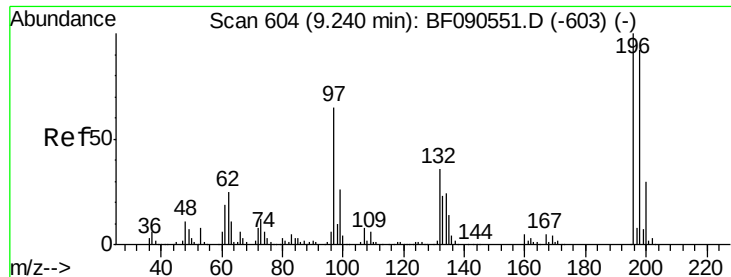
Tgt Ion:330 Resp: 187472
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.2
 141 47.4 31.4 47.2#



#42
 2,4,6-Trichlorophenol
 Concen: 20.96 ng
 RT: 9.21 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion:196 Resp: 174829
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.9 116.9
 200 30.9 25.1 37.7

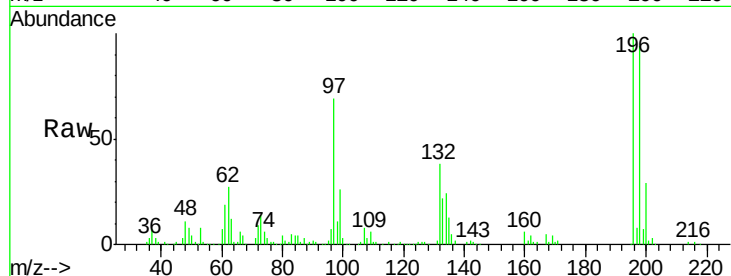




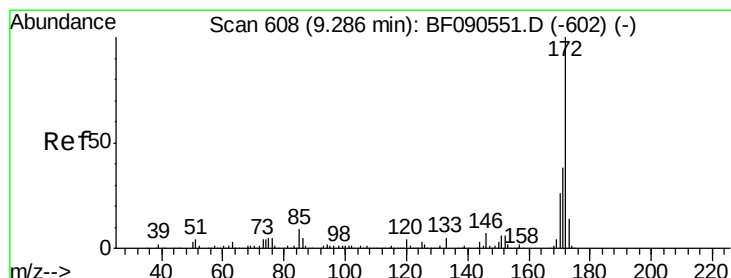
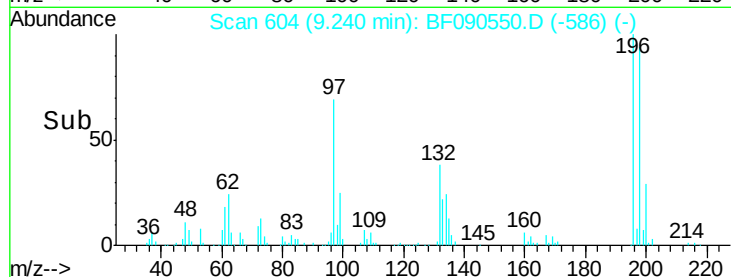
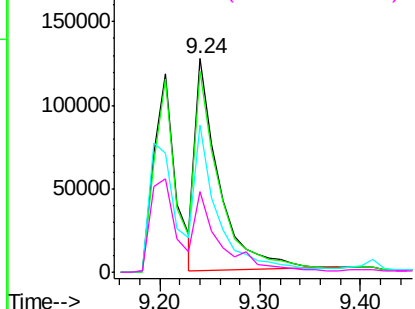
#43
2,4,5-Trichlorophenol
Concen: 25.08 ng
RT: 9.24 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:196 Resp: 207535
Ion Ratio Lower Upper
196 100
198 93.9 74.0 111.0
97 68.7 54.7 82.1
132 37.6 30.5 45.7

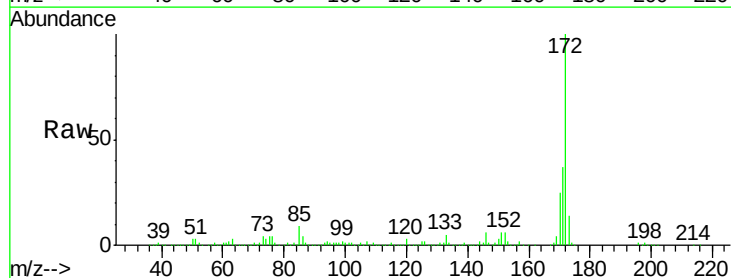


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

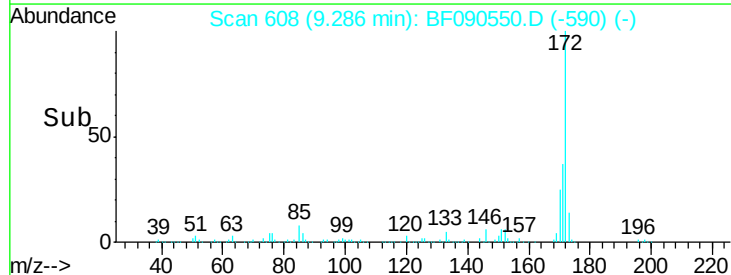
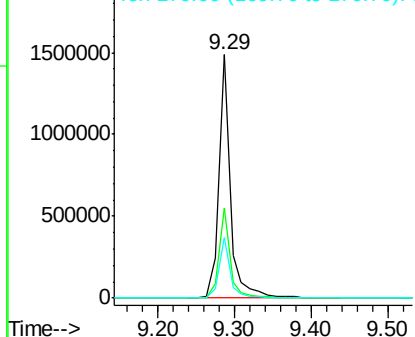


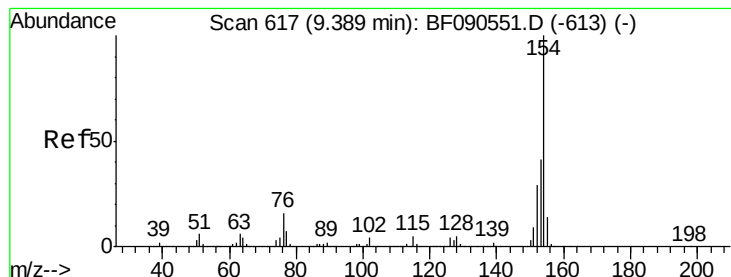
#44
2-Fluorobiphenyl
Concen: 58.43 ng
RT: 9.29 min Scan# 608
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:172 Resp: 1557048
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 25.0 20.6 30.8



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: 28.02 ng

RT: 9.39 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

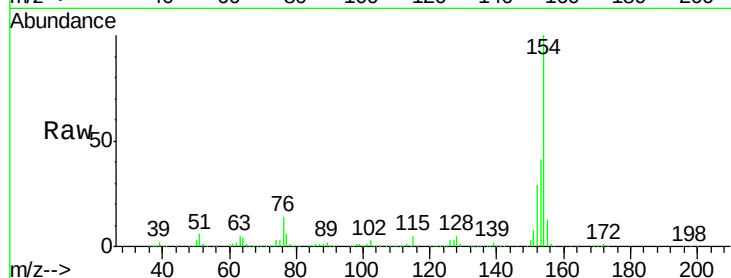
Tgt Ion:154 Resp: 954950

Ion Ratio Lower Upper

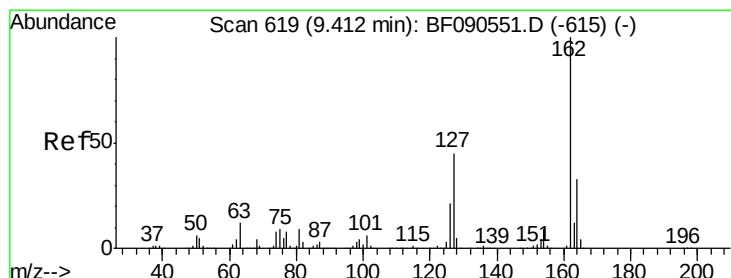
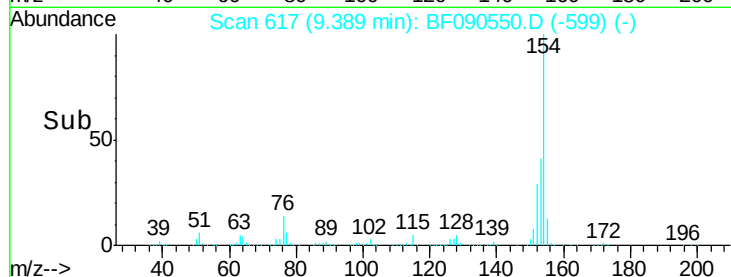
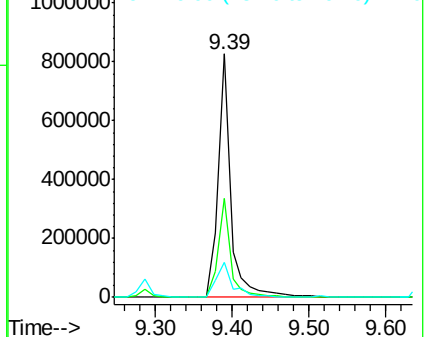
154 100

153 40.9 21.5 61.5

76 14.3 0.0 36.0



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: 27.87 ng

RT: 9.41 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

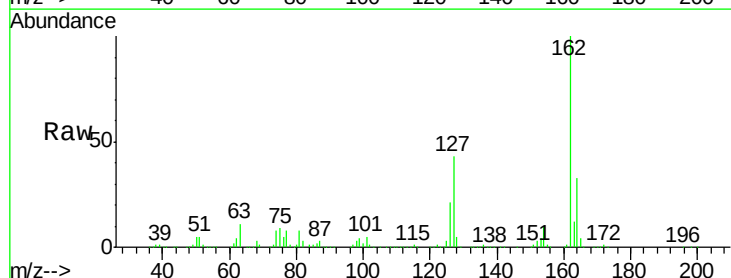
Tgt Ion:162 Resp: 707646

Ion Ratio Lower Upper

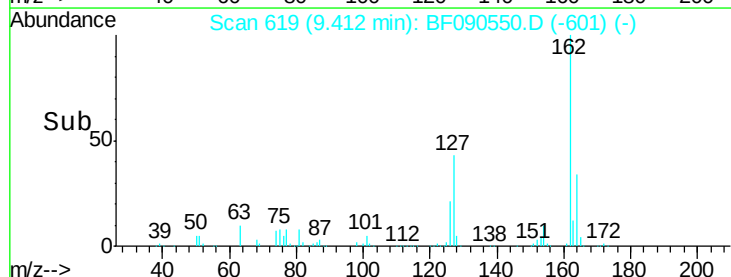
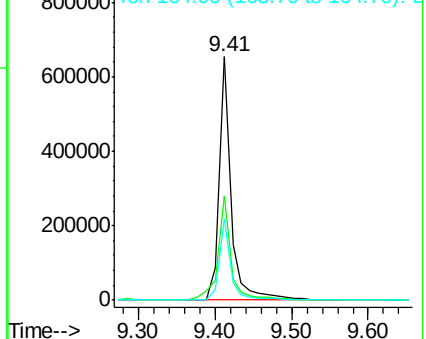
162 100

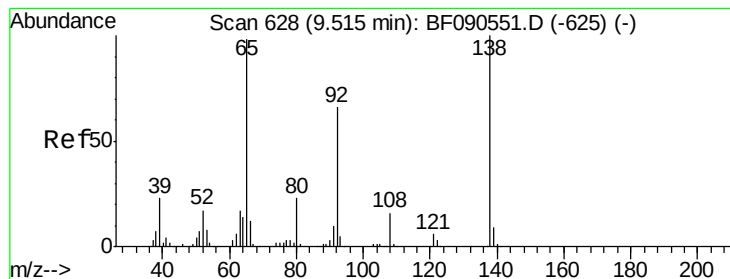
127 42.6 35.9 53.9

164 33.5 26.7 40.1



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: 29.56 ng

RT: 9.51 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

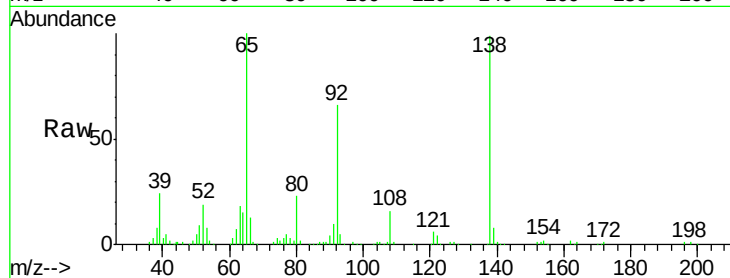
Tgt Ion: 65 Resp: 271048

Ion Ratio Lower Upper

65 100

92 66.1 54.3 81.5

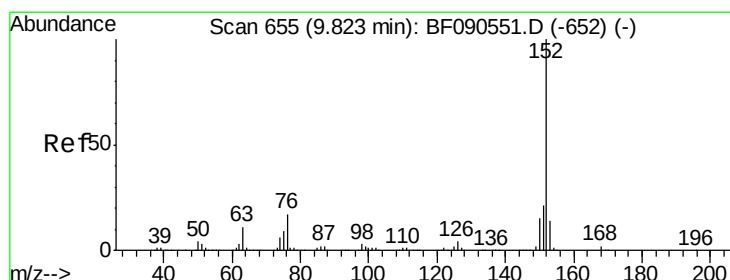
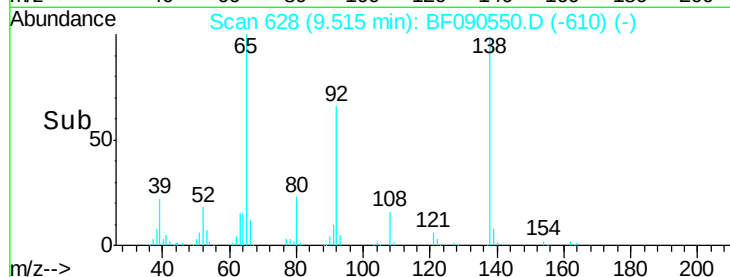
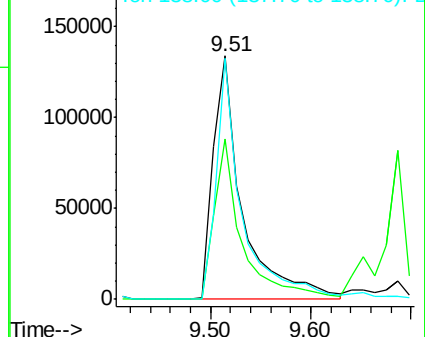
138 98.8 81.7 122.5



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 26.44 ng

RT: 9.82 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

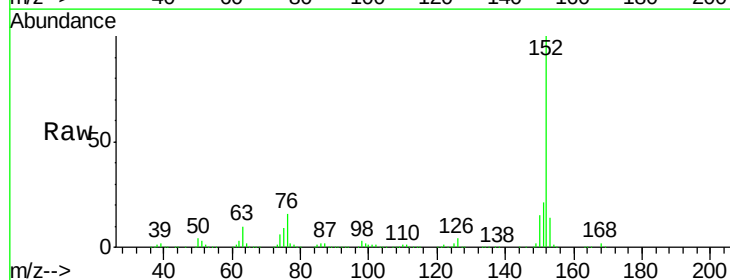
Tgt Ion: 152 Resp: 1091454

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

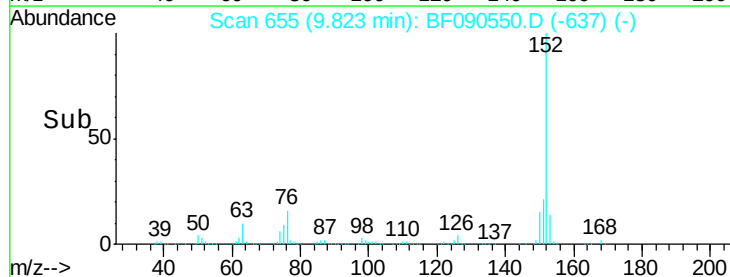
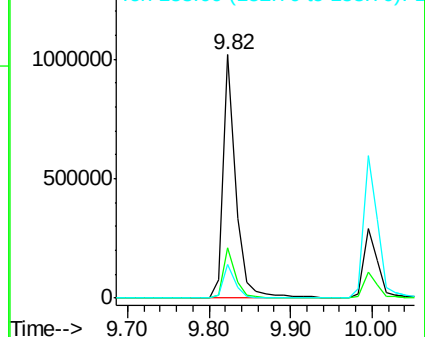
153 13.8 11.3 16.9

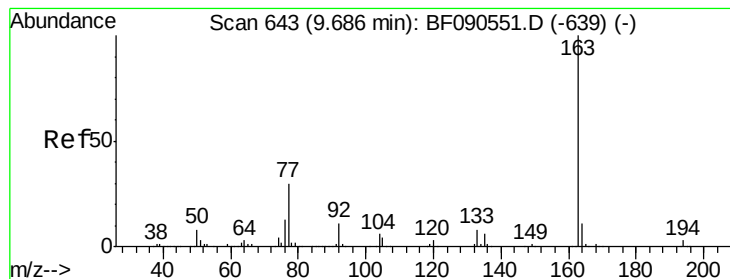


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 27.00 ng

RT: 9.69 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

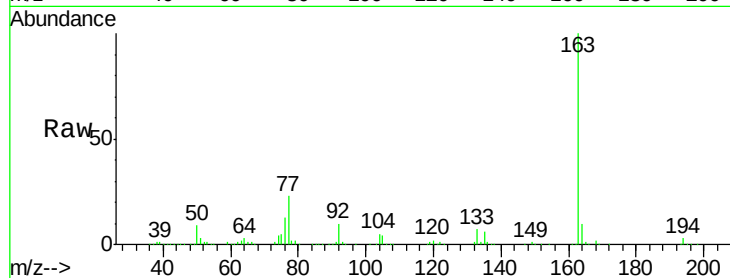
Tgt Ion:163 Resp: 808329

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

1000000

800000

600000

400000

200000

0

9.69

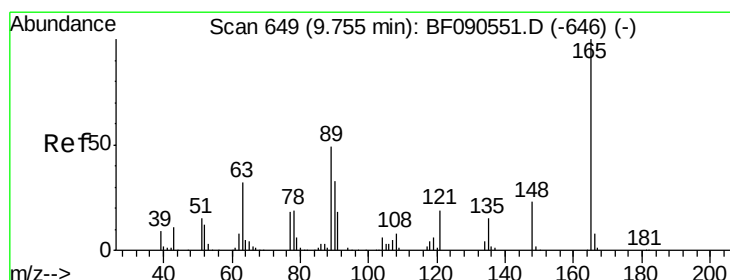
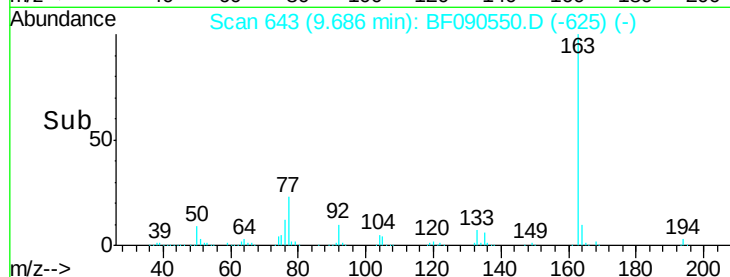
9.60

9.70

9.80

9.90

Time-->



#50

2,6-Dinitrotoluene

Concen: 24.46 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

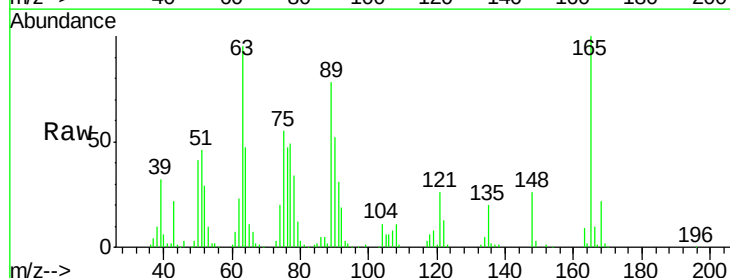
Tgt Ion:165 Resp: 164032

Ion Ratio Lower Upper

165 100

63 95.4 40.1 60.1#

89 78.2 39.5 59.3#



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

100000

50000

0

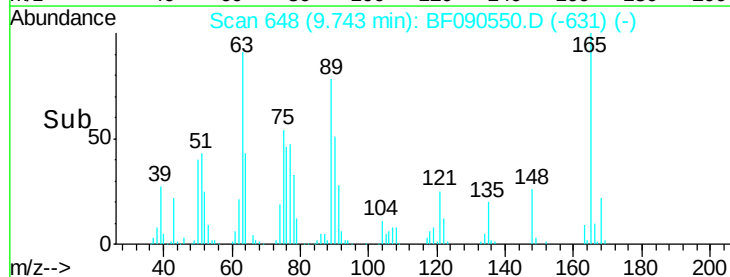
9.74

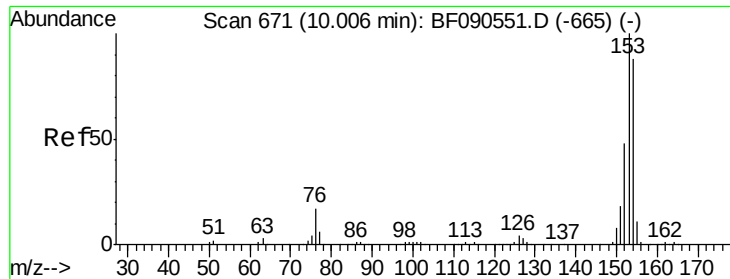
9.70

9.80

9.90

Time-->





#51

Acenaphthene

Concen: 25.47 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

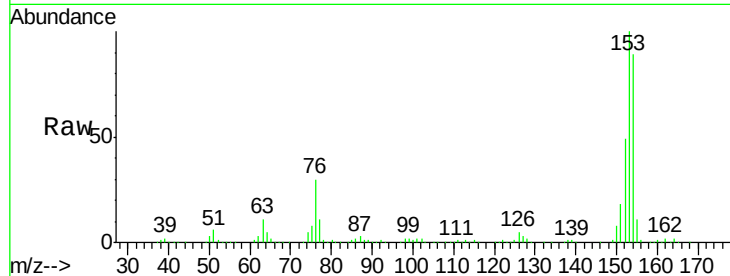
Tgt Ion:154 Resp: 701529

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

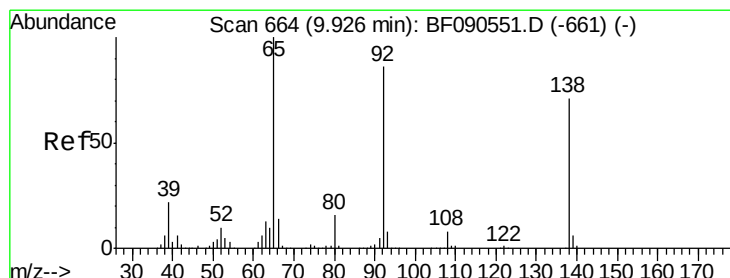
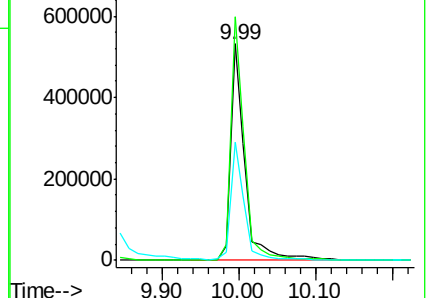
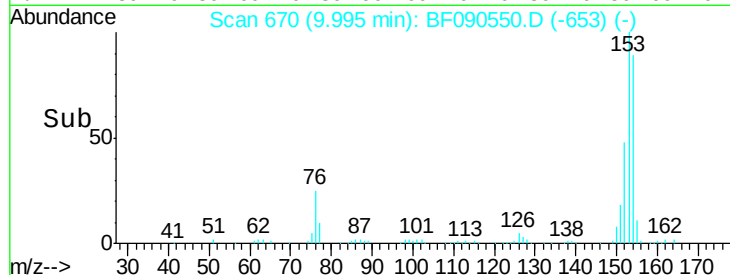
152 54.8 44.0 66.0



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: 25.72 ng

RT: 9.93 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

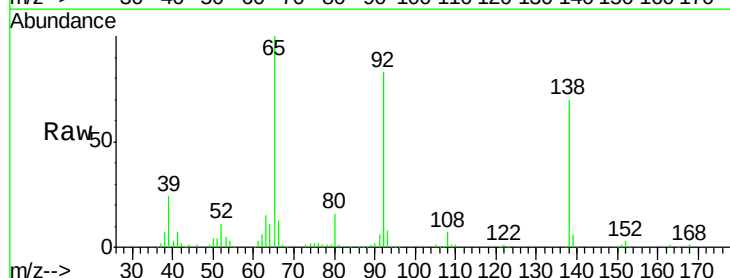
Tgt Ion:138 Resp: 213528

Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

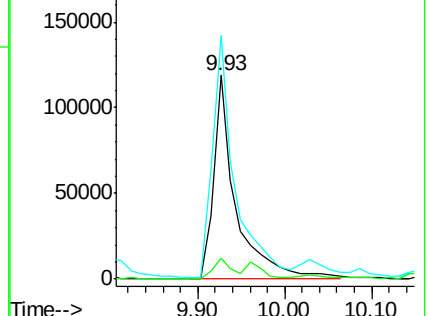
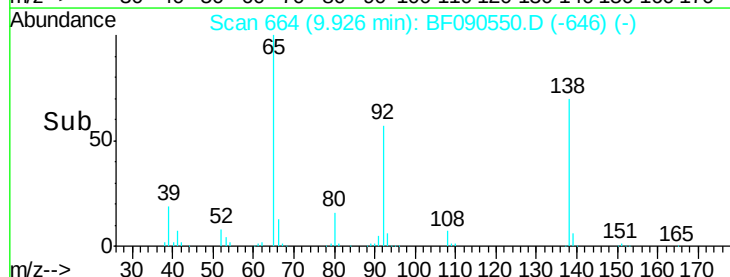
92 119.8 97.8 146.8

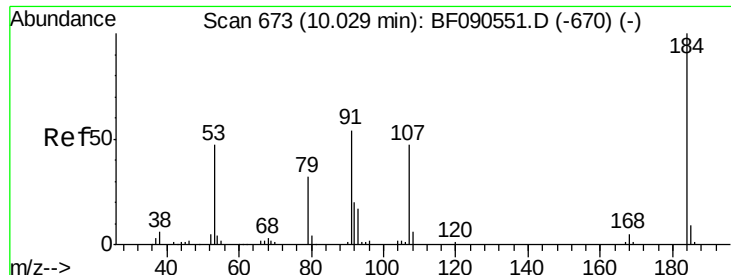


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

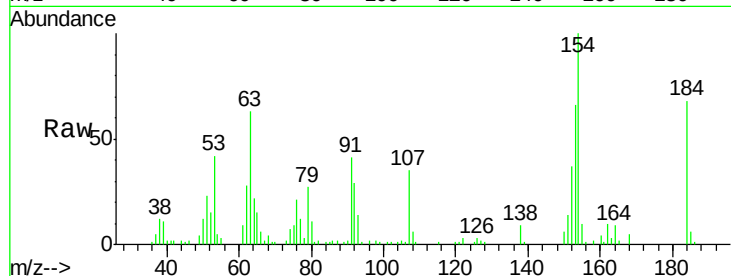




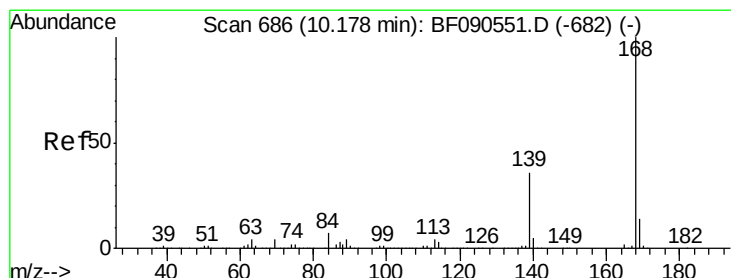
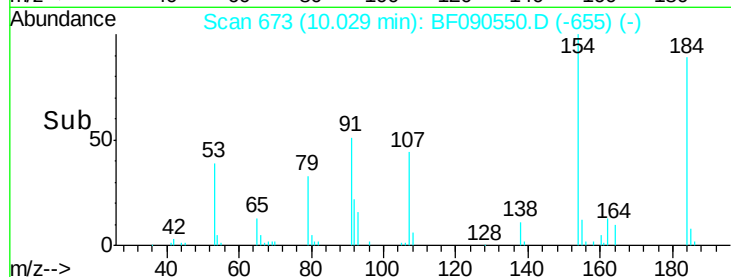
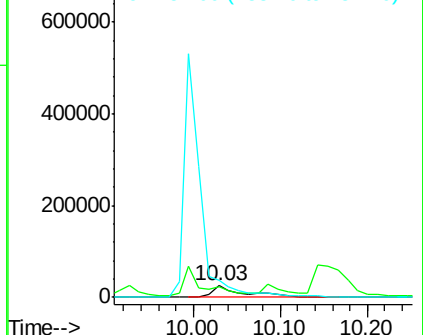
#53
 2,4-Dinitrophenol
 Concen: 19.39 ng
 RT: 10.03 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:184 Resp: 68173
 Ion Ratio Lower Upper
 184 100
 63 93.8 60.2 90.2#
 154 147.9 86.1 129.1#

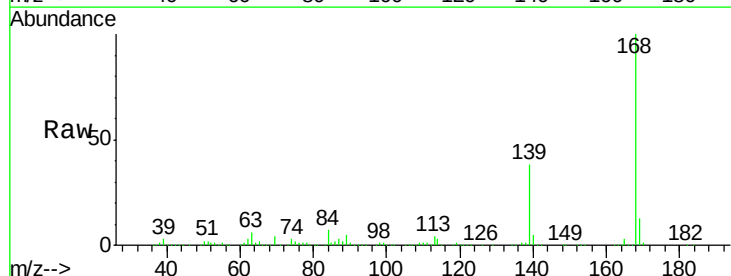


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

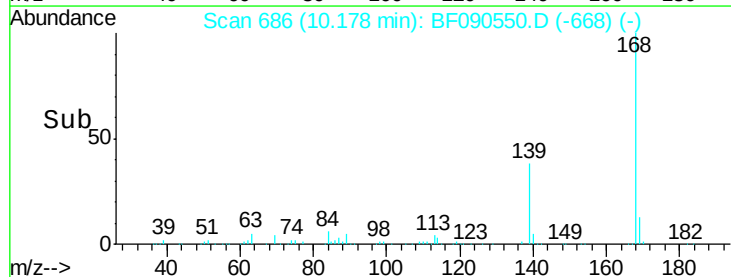
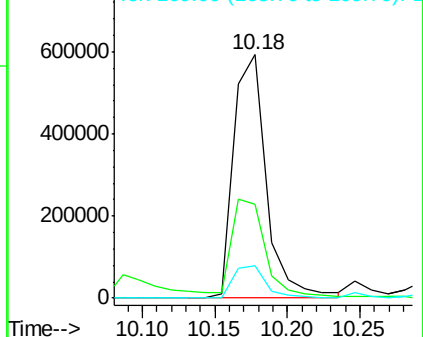


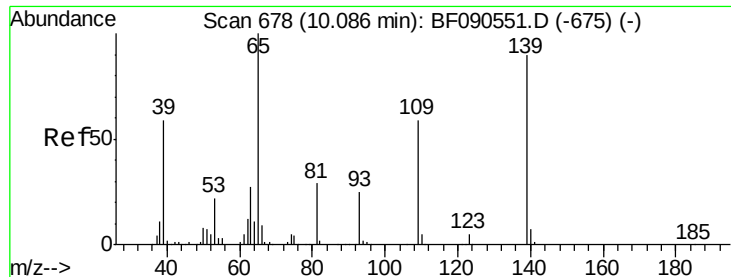
#54
 Dibenzofuran
 Concen: 25.28 ng
 RT: 10.18 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion:168 Resp: 928672
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.5 45.7
 169 13.2 10.9 16.3



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

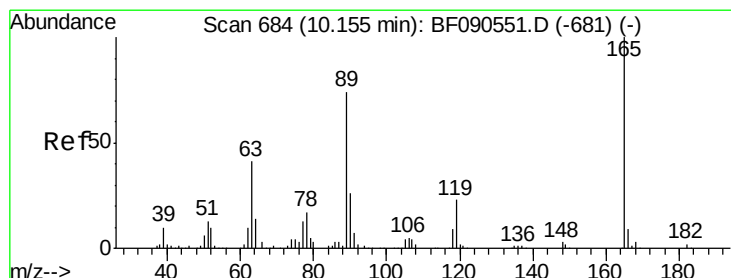
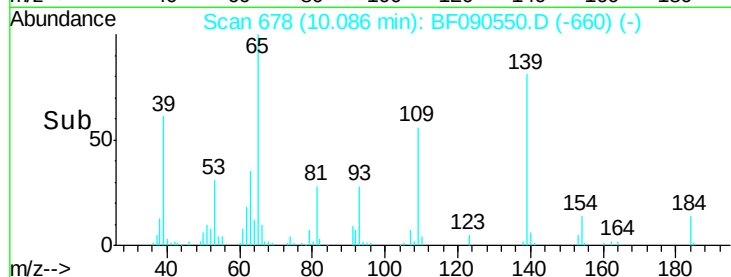
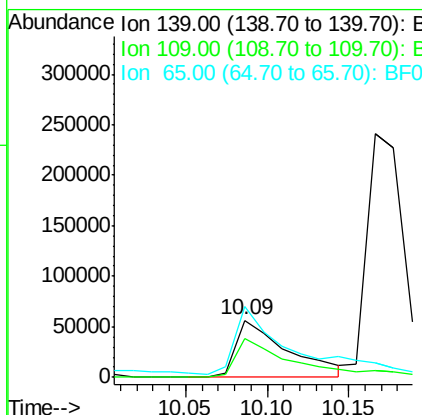
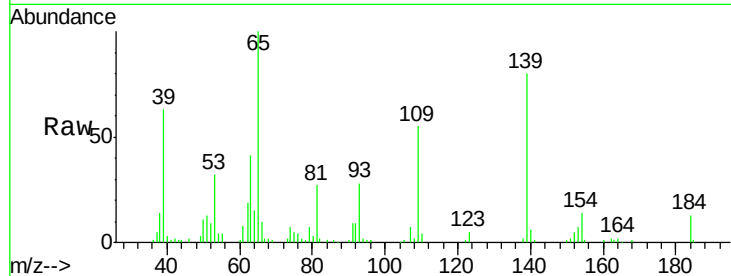




#55
4-Nitrophenol
Concen: 20.43 ng
RT: 10.09 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

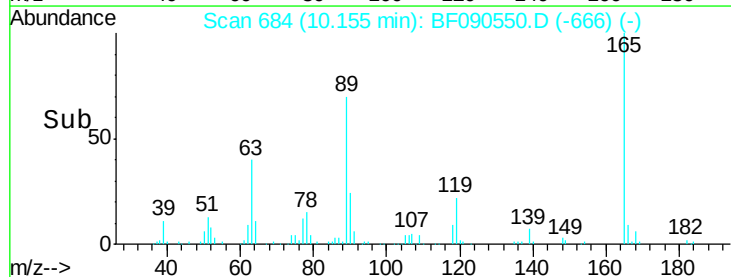
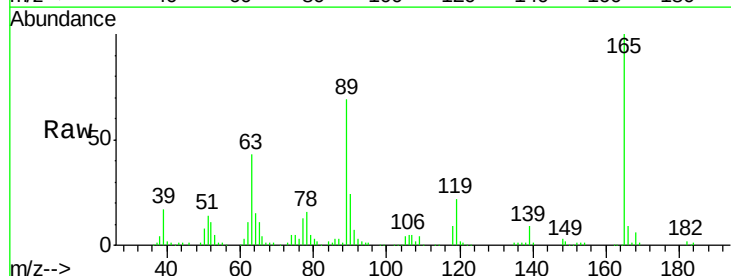
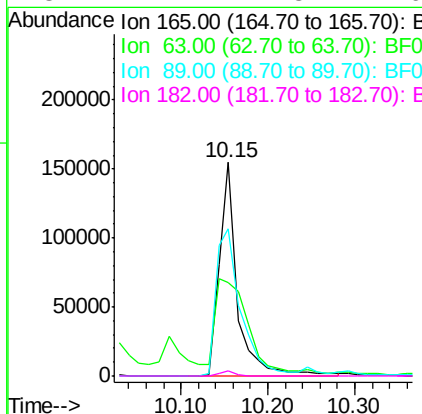
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

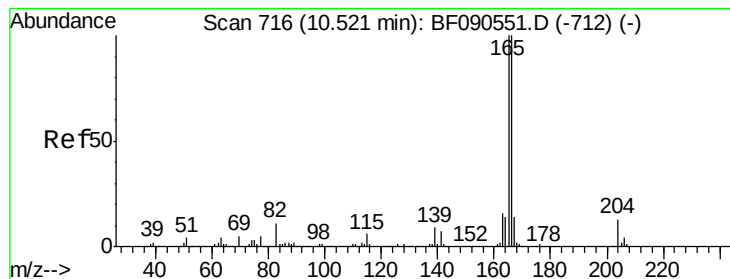
Tgt Ion:139 Resp: 124542
Ion Ratio Lower Upper
139 100
109 68.8 45.9 85.9
65 124.7 95.8 135.8



#56
2,4-Dinitrotoluene
Concen: 25.36 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:165 Resp: 226235
Ion Ratio Lower Upper
165 100
63 43.5 35.4 53.0
89 69.0 59.0 88.4
182 2.1 1.8 2.6





#57

Fluorene

Concen: 25.98 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

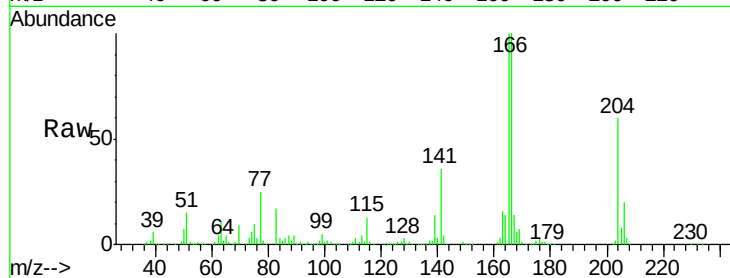
Tgt Ion:166 Resp: 776622

Ion Ratio Lower Upper

166 100

165 99.7 79.9 119.9

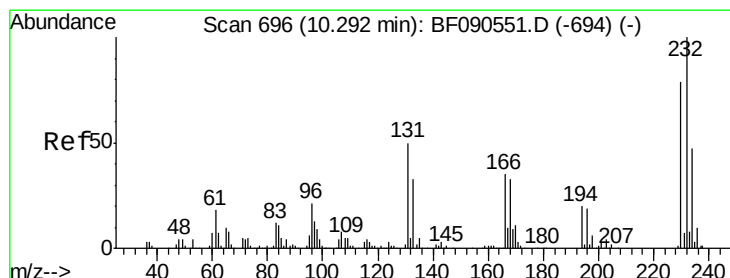
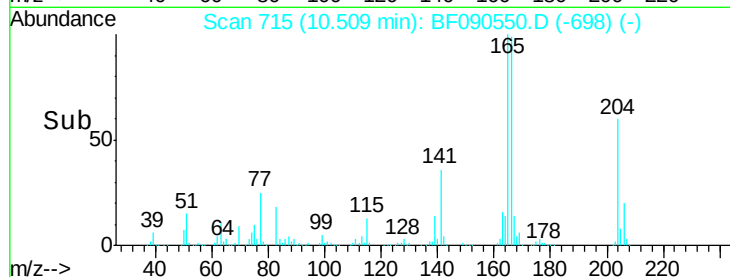
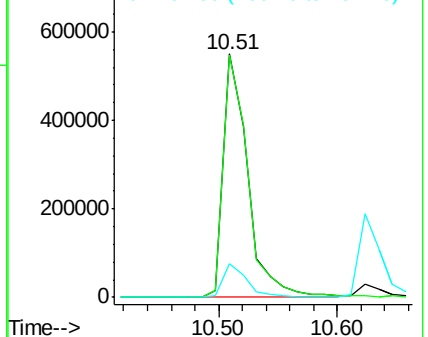
167 13.9 10.9 16.3



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: 24.34 ng

RT: 10.29 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Tgt Ion:232 Resp: 169875

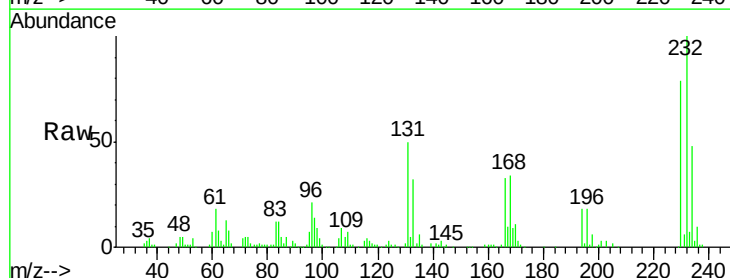
Ion Ratio Lower Upper

232 100

131 57.8 42.6 64.0

130 2.6 1.8 2.8

166 35.5 27.5 41.3

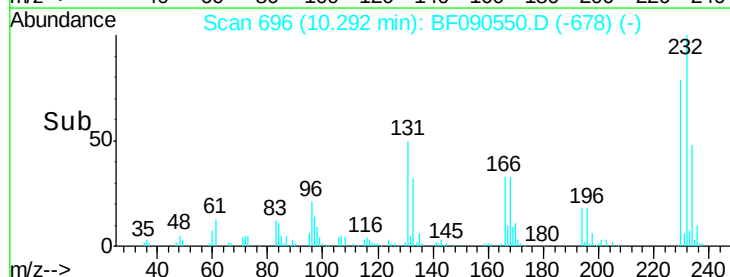
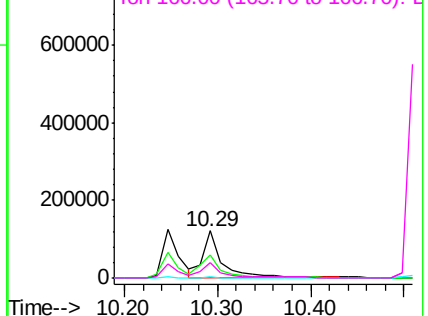


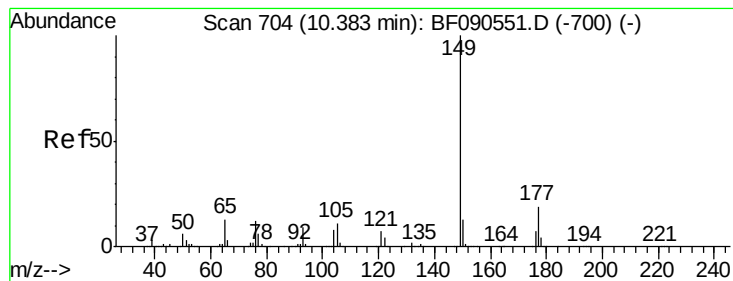
Abundance Ion 232.00 (231.70 to 232.70): E

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: 26.04 ng

RT: 10.38 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

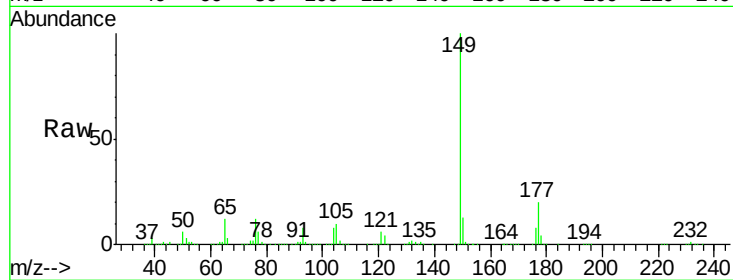
Tgt Ion:149 Resp: 799116

Ion Ratio Lower Upper

149 100

177 19.8 15.3 22.9

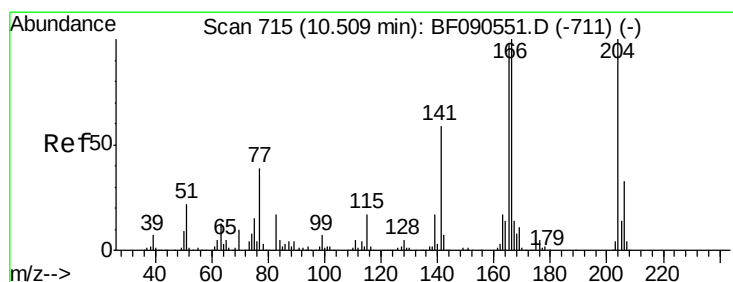
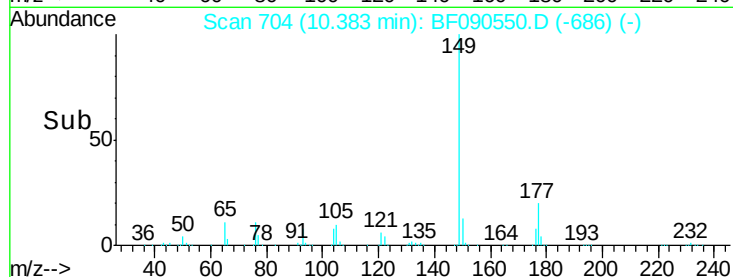
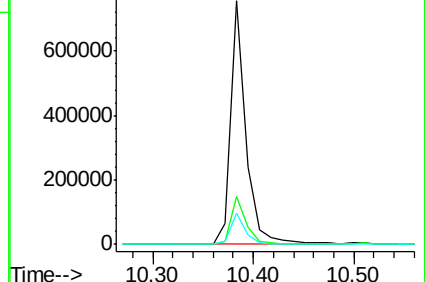
150 12.7 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 26.35 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

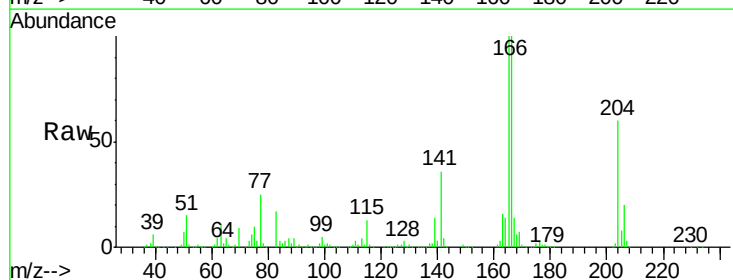
Tgt Ion:204 Resp: 361711

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

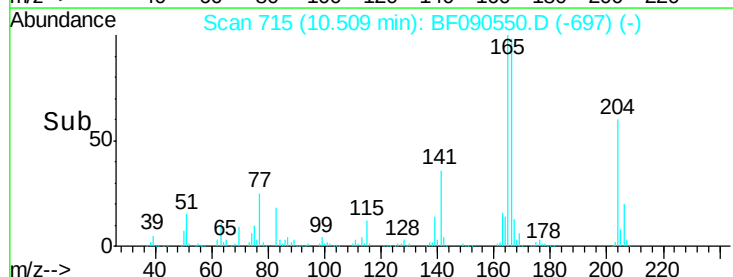
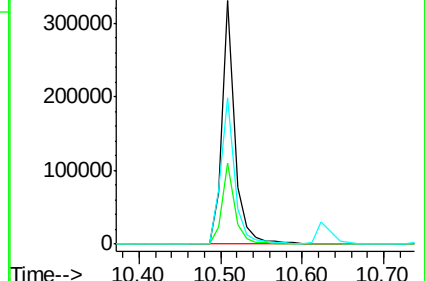
141 60.3 47.2 70.8

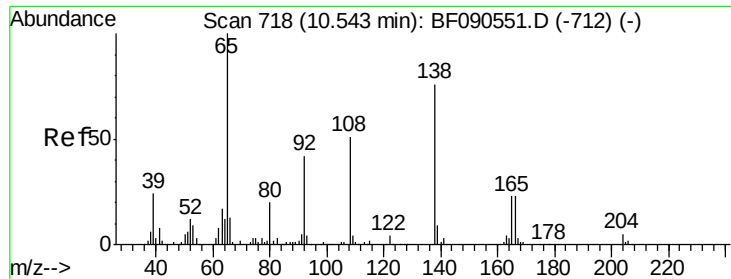


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

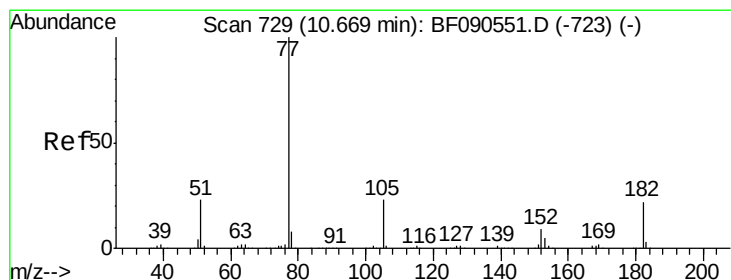
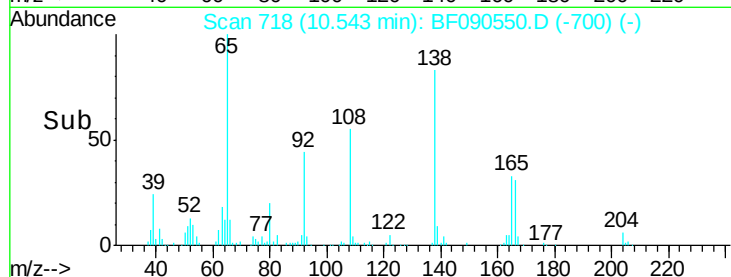
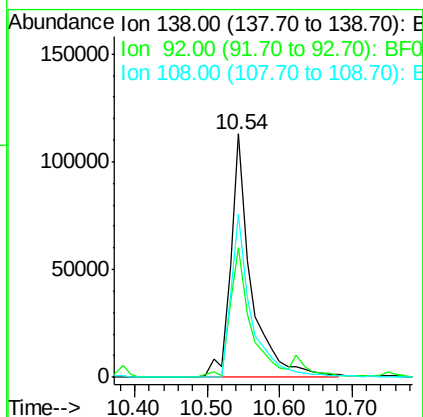
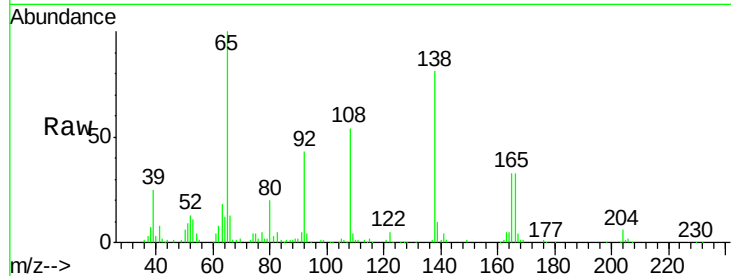




#61
4-Nitroaniline
Concen: 26.57 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

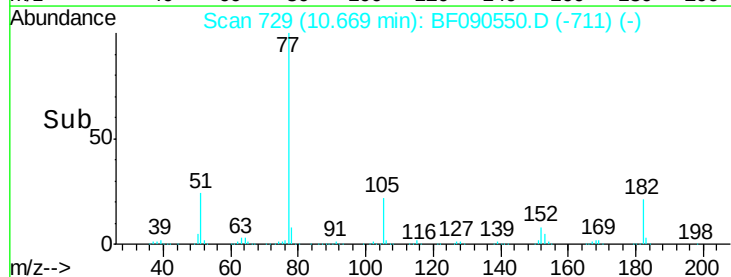
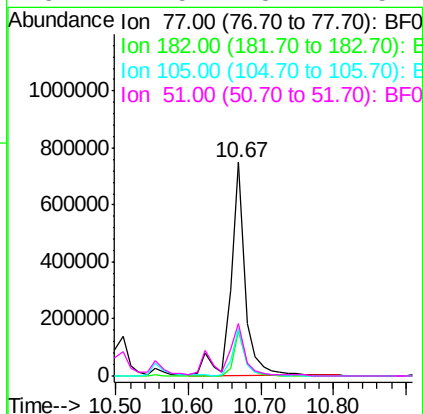
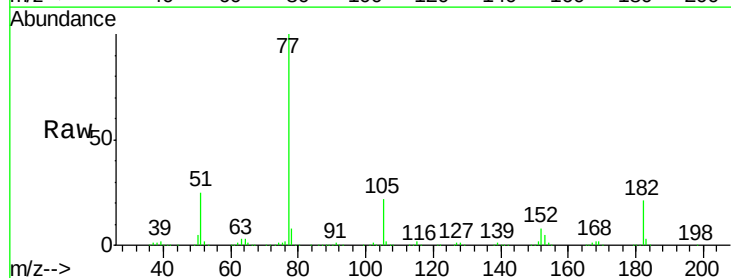
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

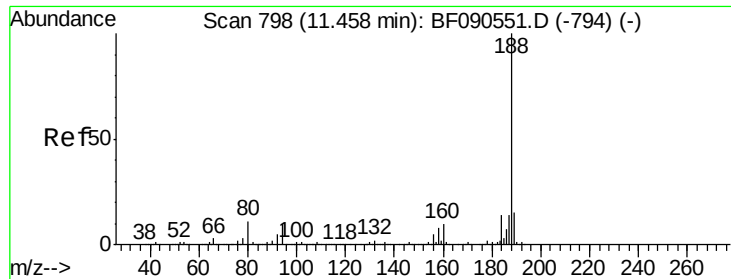
Tgt Ion: 138 Resp: 220590
Ion Ratio Lower Upper
138 100
92 53.0 35.7 75.7
108 66.9 46.9 86.9



#62
Azobenzene
Concen: 30.68 ng
RT: 10.67 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion: 77 Resp: 1029791
Ion Ratio Lower Upper
77 100
182 21.1 2.2 42.2
105 22.1 3.5 43.5
51 24.5 3.7 43.7

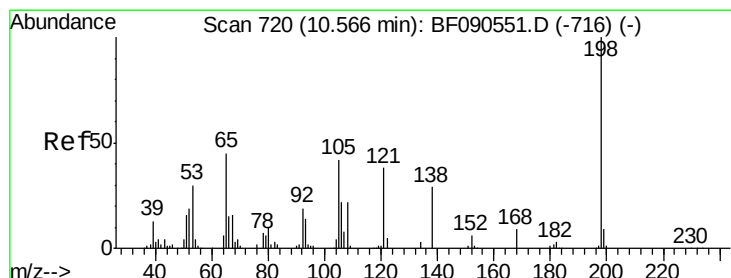
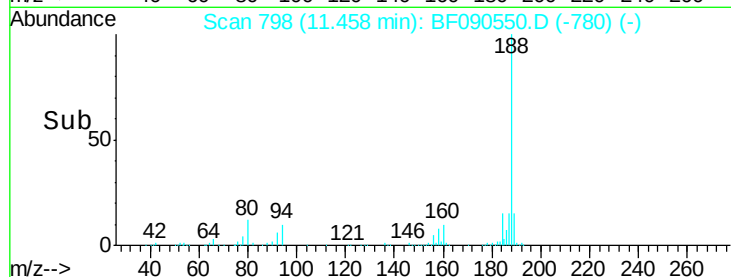
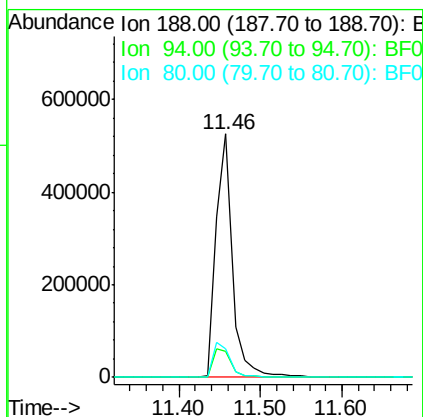
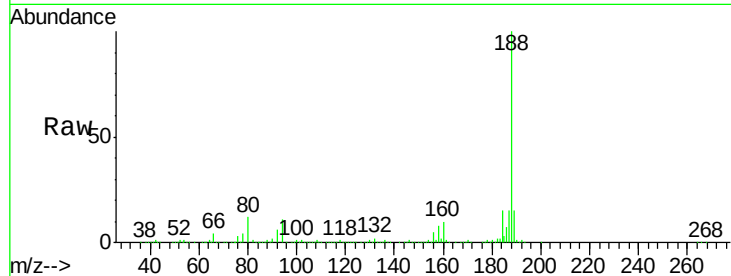




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

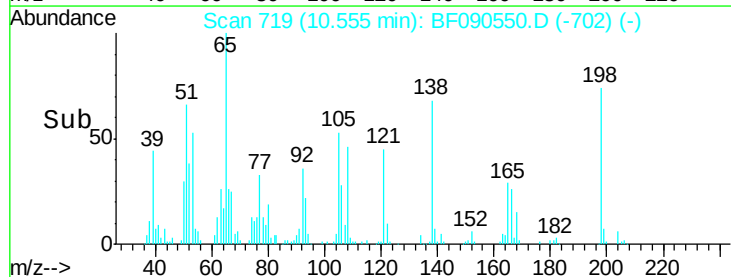
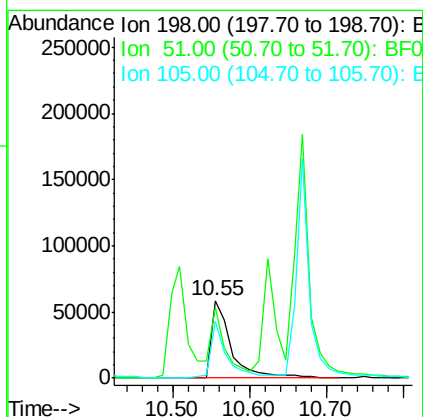
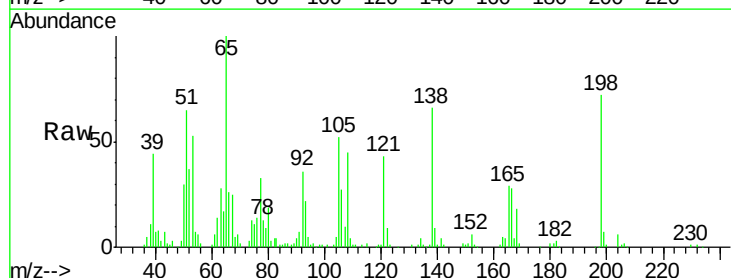
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

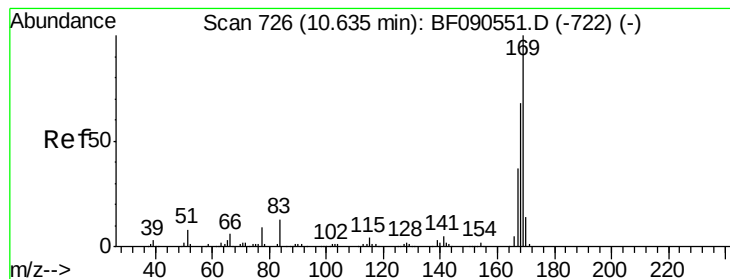
Tgt Ion:188 Resp: 739975
Ion Ratio Lower Upper
188 100
94 10.5 7.7 11.5
80 11.9 8.6 12.8



#64
4,6-Dinitro-2-methylphenol
Concen: 21.38 ng
RT: 10.55 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:198 Resp: 105398
Ion Ratio Lower Upper
198 100
51 90.5 19.7 59.7#
105 73.1 22.6 62.6#





#65

n-Nitrosodiphenylamine

Concen: 27.08 ng

RT: 10.62 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

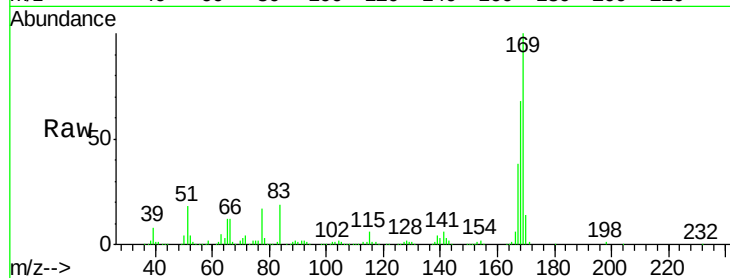
Tgt Ion:169 Resp: 653784

Ion Ratio Lower Upper

169 100

168 68.0 54.6 81.8

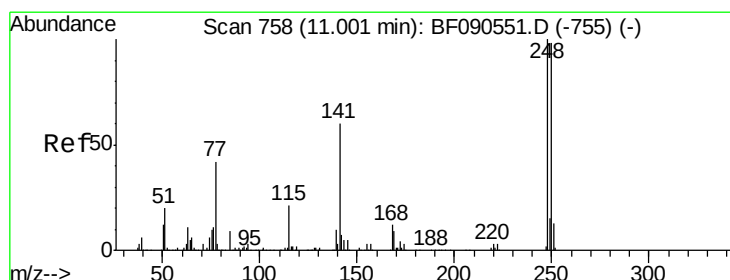
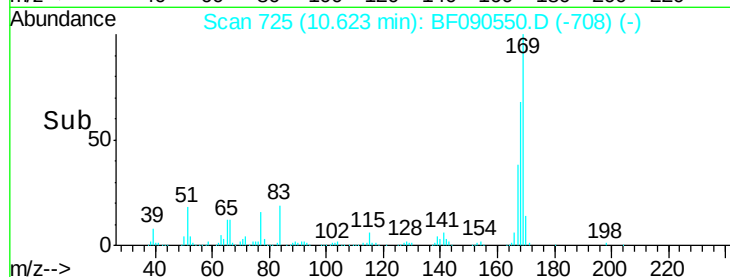
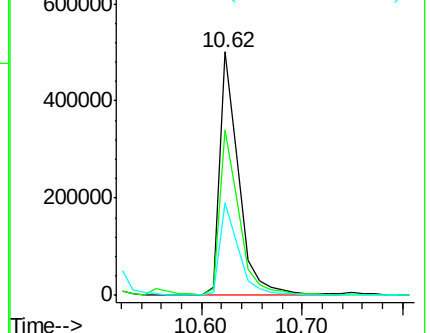
167 37.8 29.8 44.8



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: 23.54 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

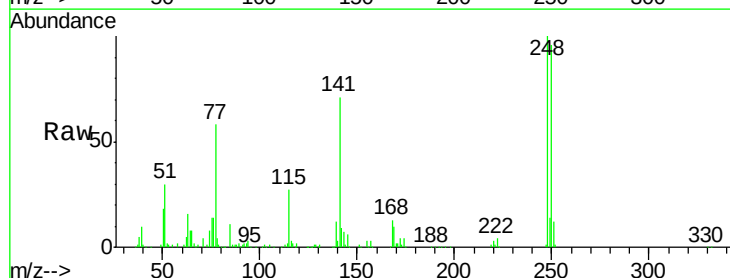
Tgt Ion:248 Resp: 191198

Ion Ratio Lower Upper

248 100

250 96.5 78.4 117.6

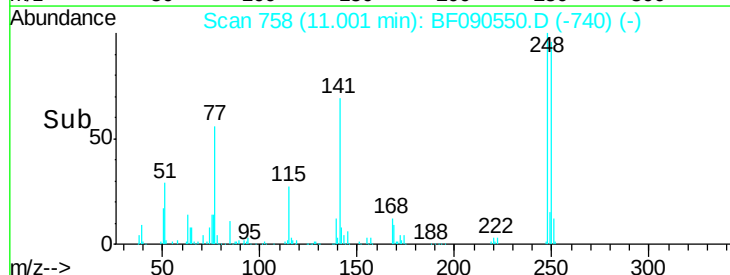
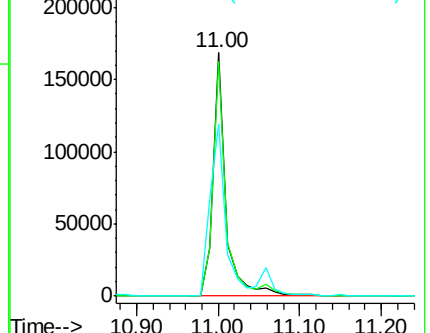
141 70.9 48.4 72.6

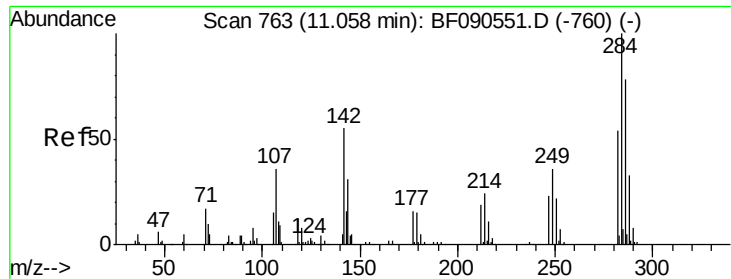


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

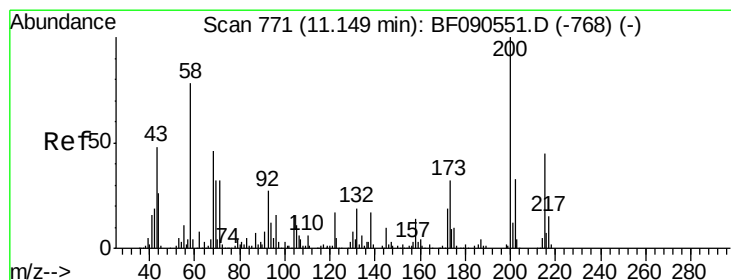
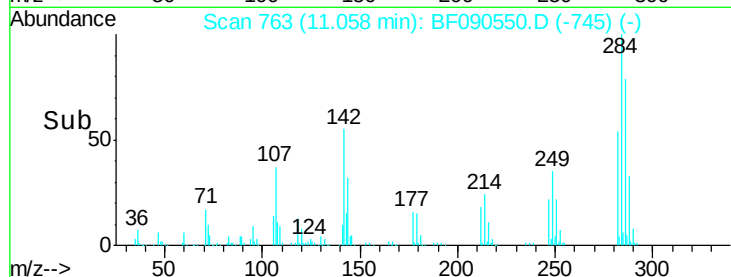
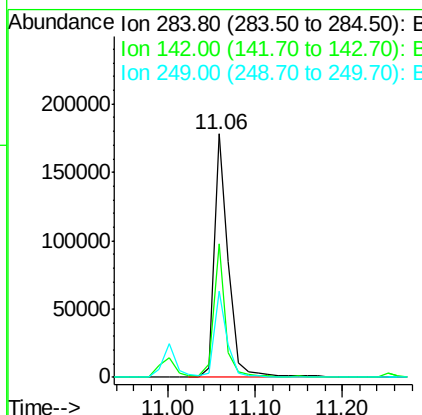
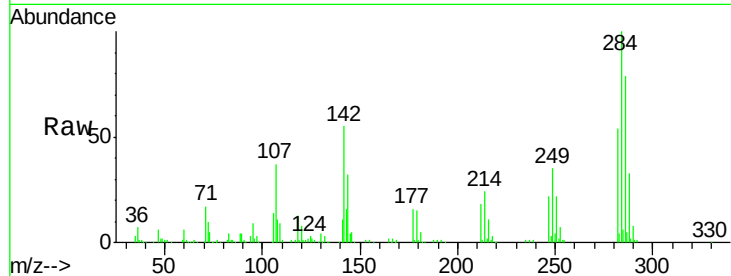




#67
Hexachlorobenzene
Concen: 22.74 ng
RT: 11.06 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

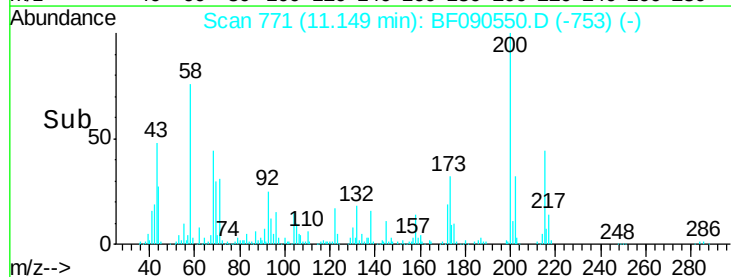
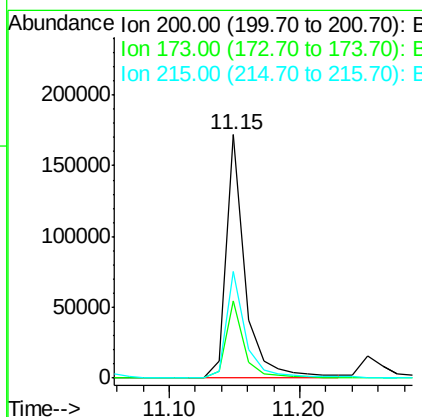
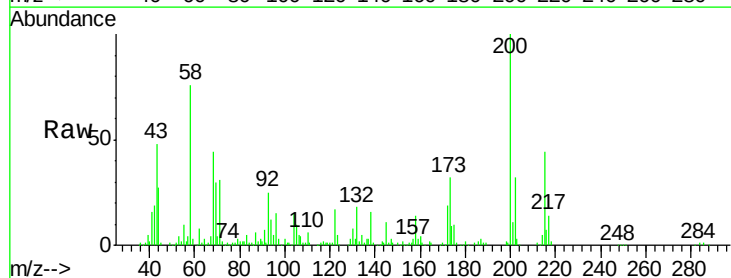
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

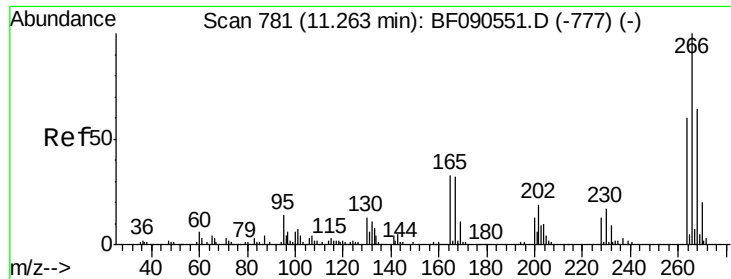
Tgt Ion:284 Resp: 203278
Ion Ratio Lower Upper
284 100
142 54.6 44.5 66.7
249 35.3 29.6 44.4



#68
Atrazine
Concen: 23.64 ng
RT: 11.15 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:200 Resp: 174741
Ion Ratio Lower Upper
200 100
173 31.5 12.0 52.0
215 43.6 25.2 65.2

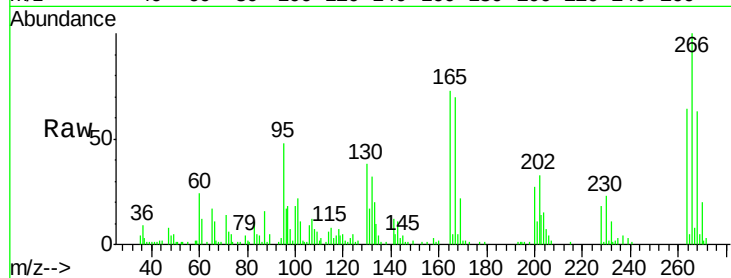




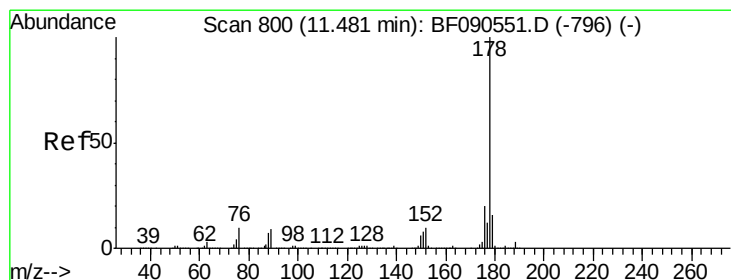
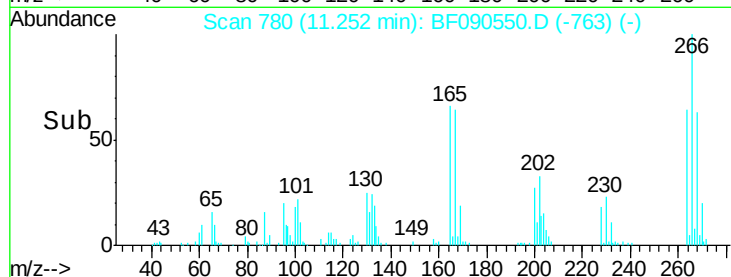
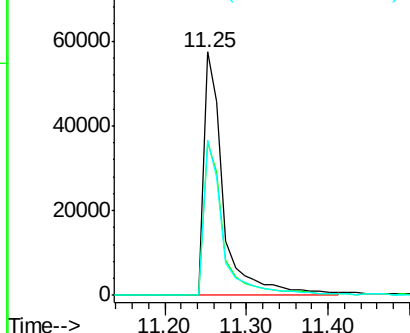
#69
 Pentachlorophenol
 Concen: 18.71 ng
 RT: 11.25 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:266 Resp: 98490
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.5 77.3
 264 63.7 47.9 71.9

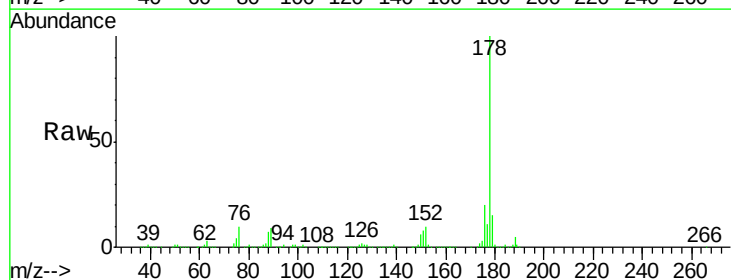


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

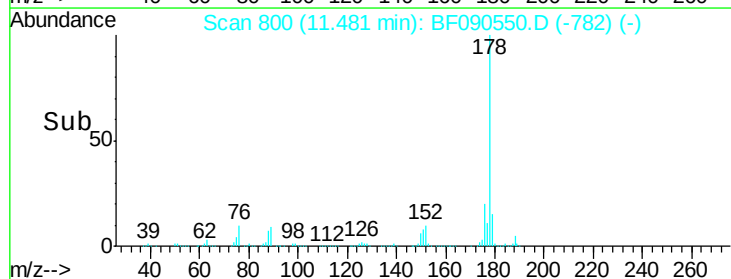
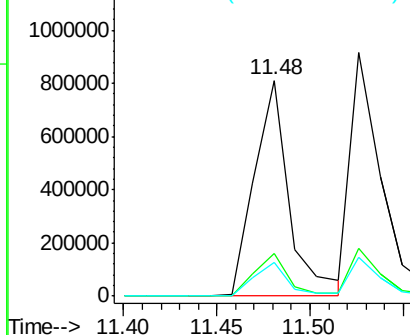


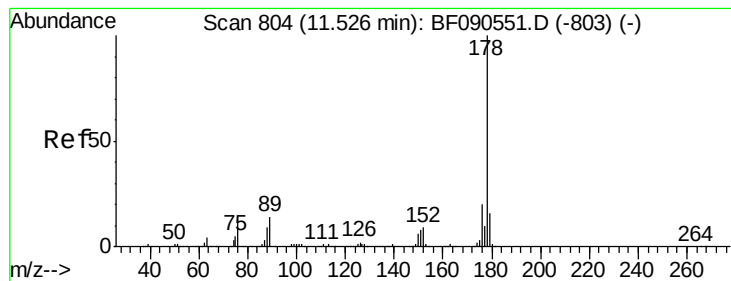
#70
 Phenanthrene
 Concen: 26.36 ng
 RT: 11.48 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion:178 Resp: 1062443
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.1 24.1
 179 15.5 12.6 19.0



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: 26.80 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

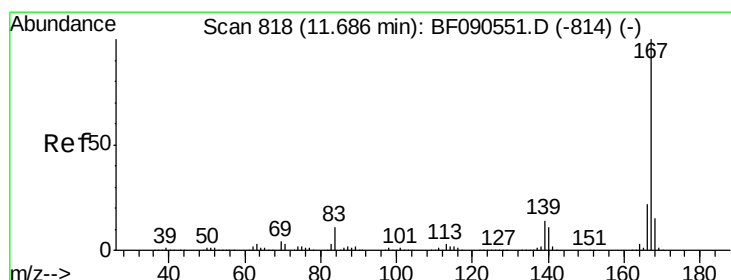
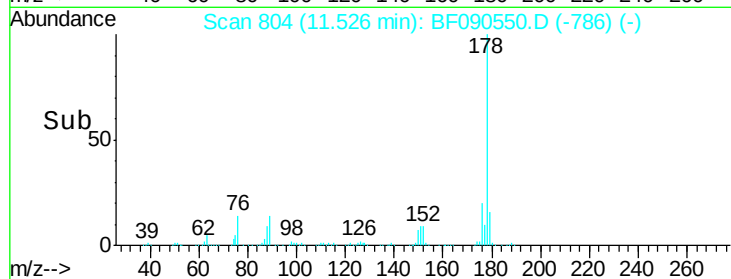
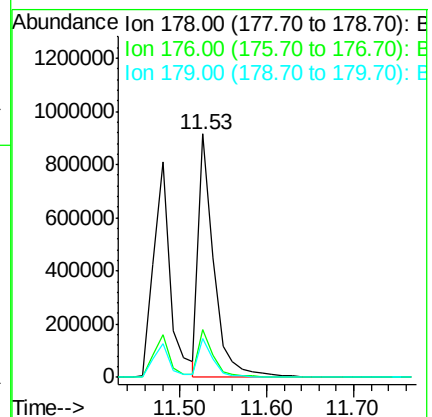
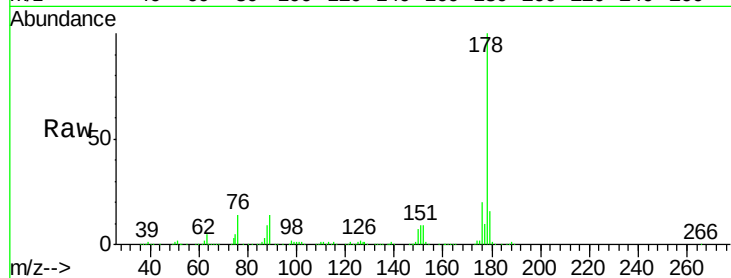
Tgt Ion:178 Resp: 1116099

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 16.0 13.0 19.4



#72

Carbazole

Concen: 26.34 ng

RT: 11.69 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

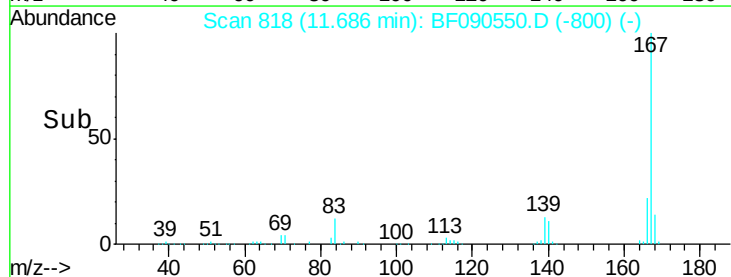
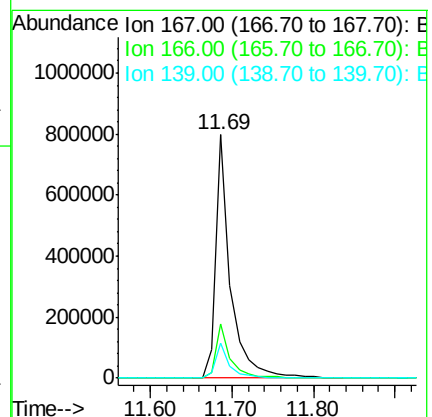
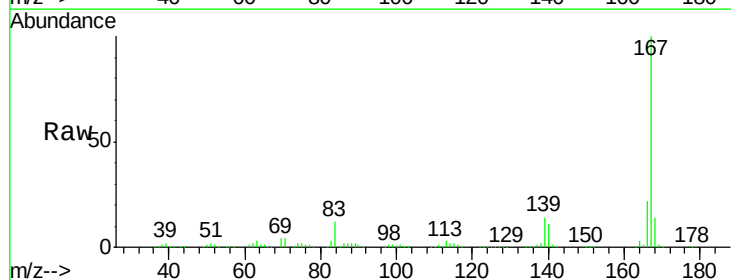
Tgt Ion:167 Resp: 1016637

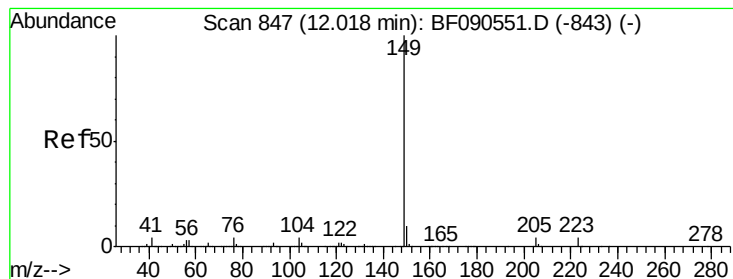
Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

139 14.1 11.3 16.9





#73

Di-n-butylphthalate

Concen: 25.85 ng

RT: 12.02 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

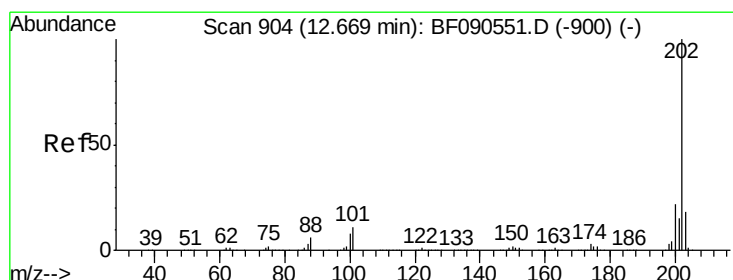
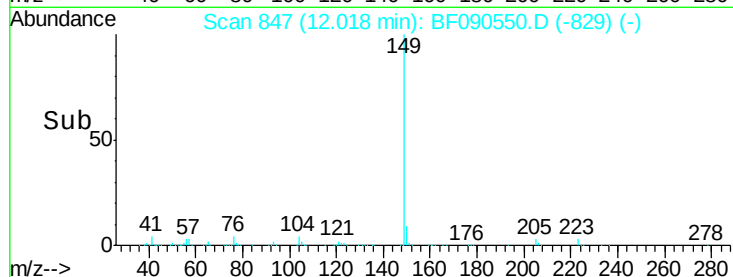
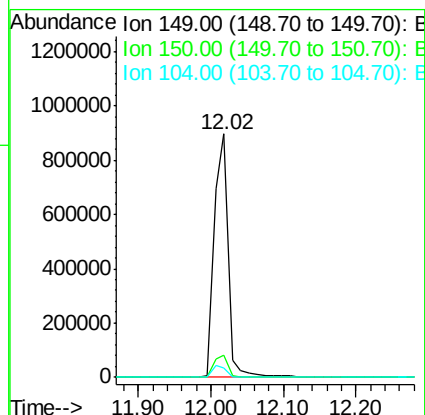
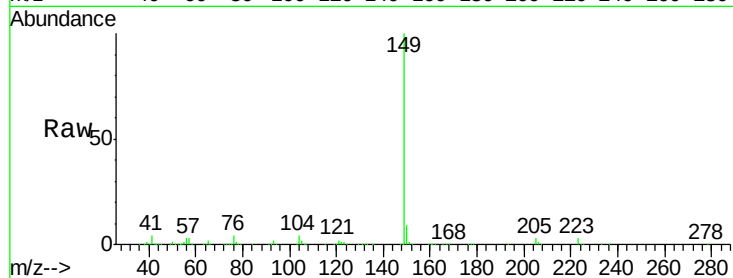
Tgt Ion:149 Resp: 1202749

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

104 4.0 3.3 4.9



#74

Fluoranthene

Concen: 24.69 ng

RT: 12.67 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

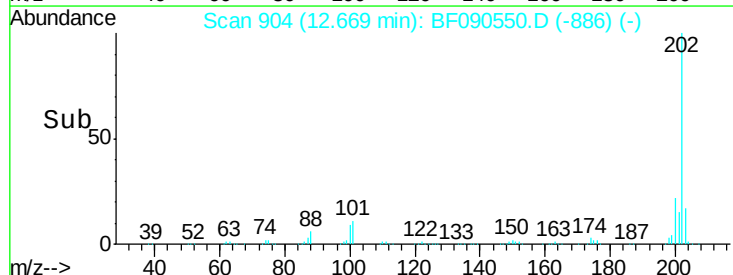
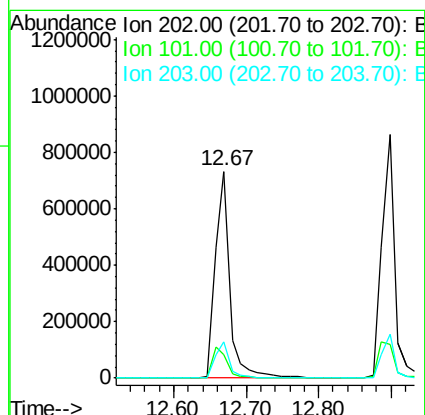
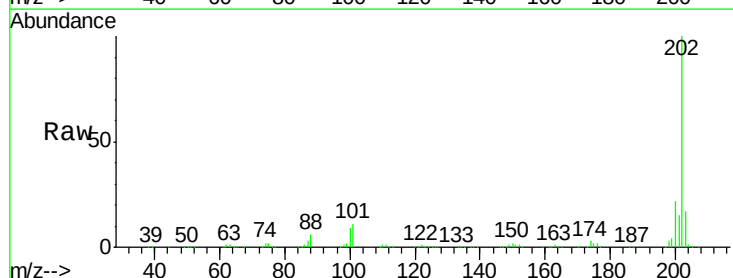
Tgt Ion:202 Resp: 1015488

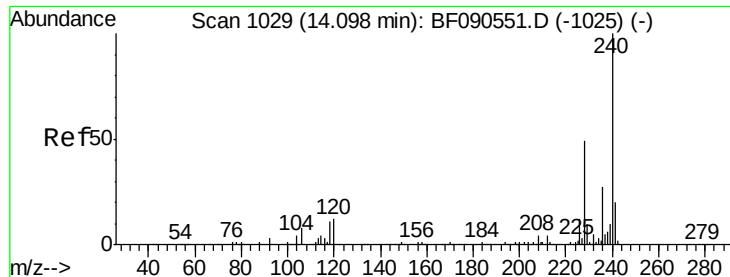
Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.1

203 17.4 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

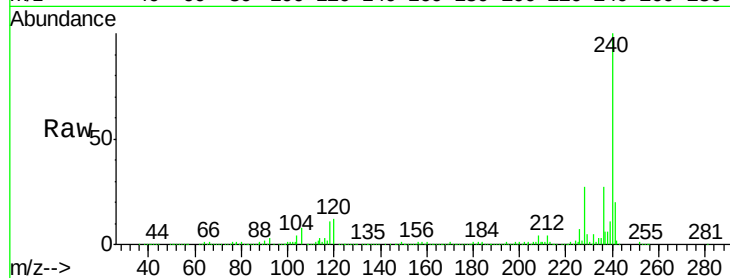
Tgt Ion:240 Resp: 628813

Ion Ratio Lower Upper

240 100

120 12.0 9.8 14.8

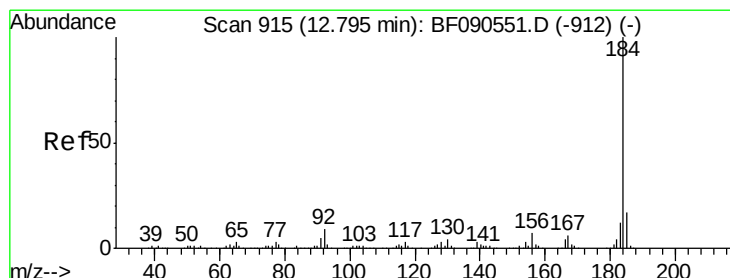
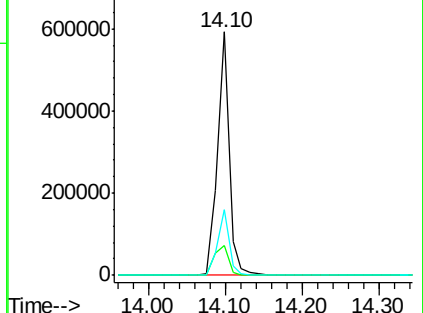
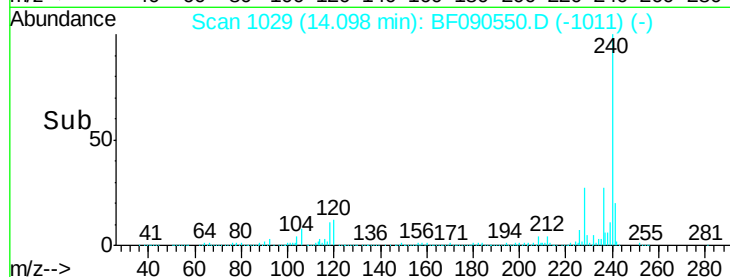
236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.39 ng

RT: 12.80 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

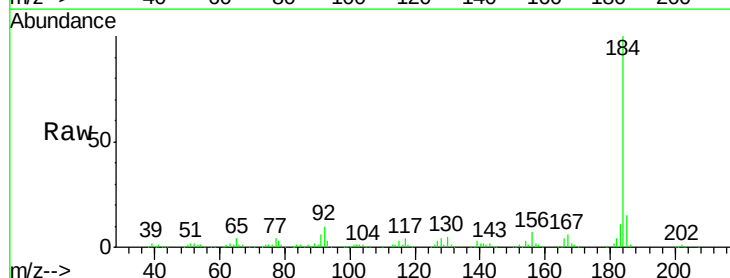
Tgt Ion:184 Resp: 419846

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

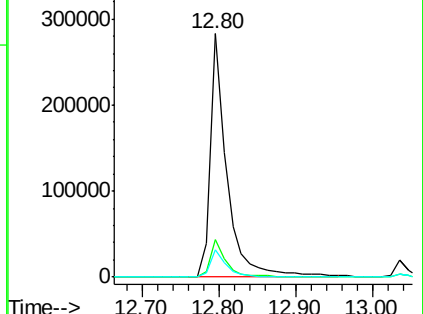
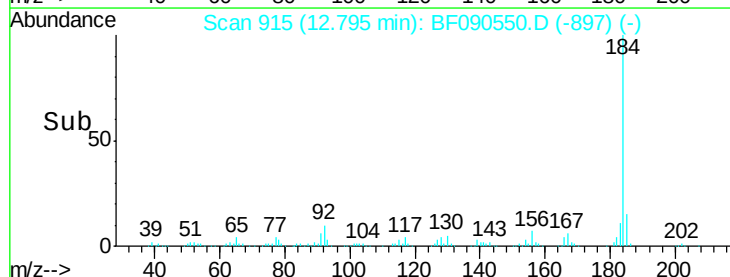
183 11.4 9.4 14.0

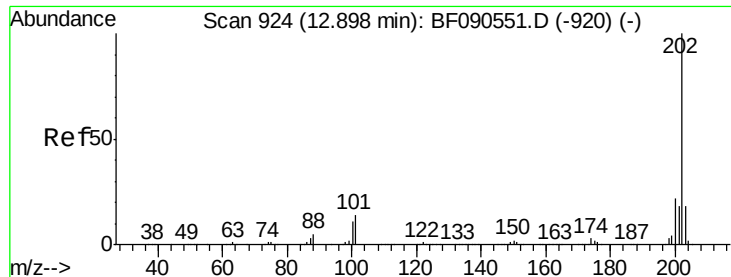


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



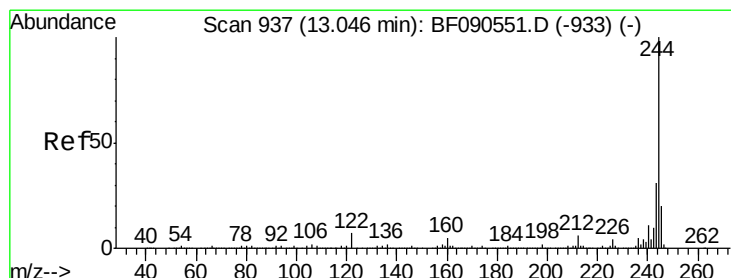
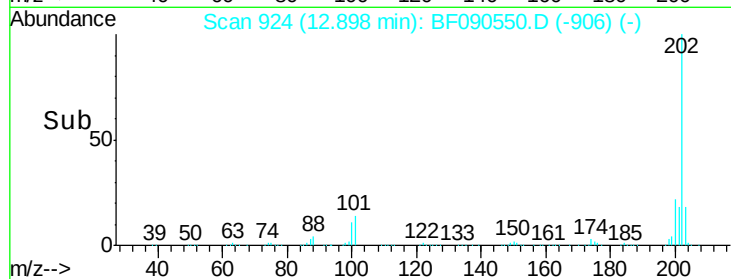
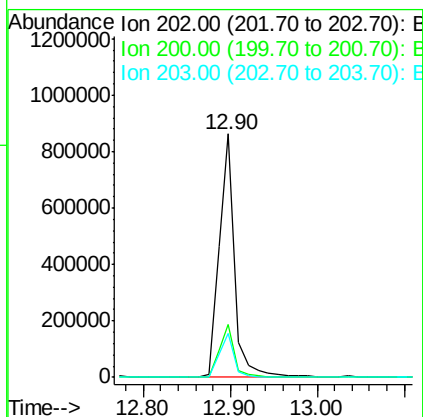
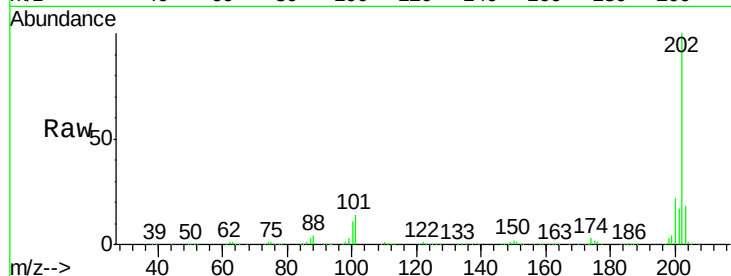


#77
Pyrene
 Concen: 26.97 ng
 RT: 12.90 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion: 202 Resp: 1073817

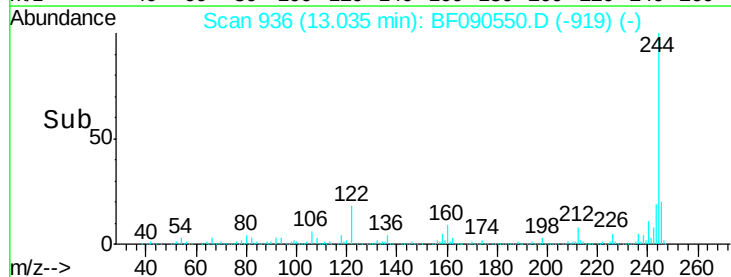
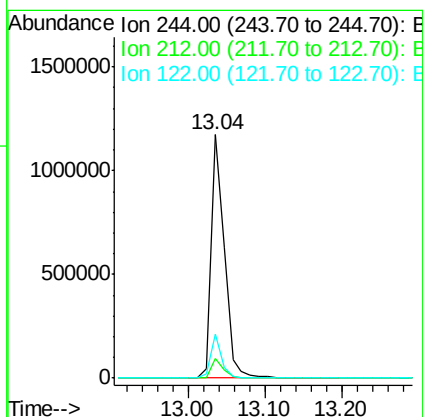
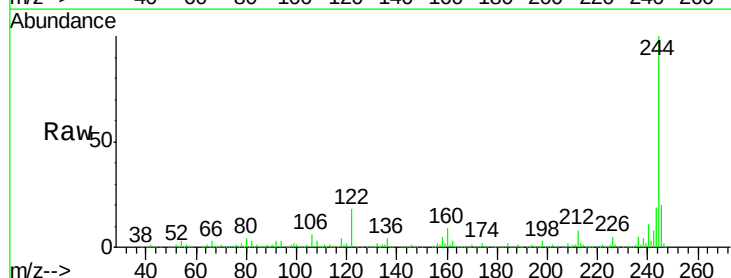
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	17.9	14.6	21.8

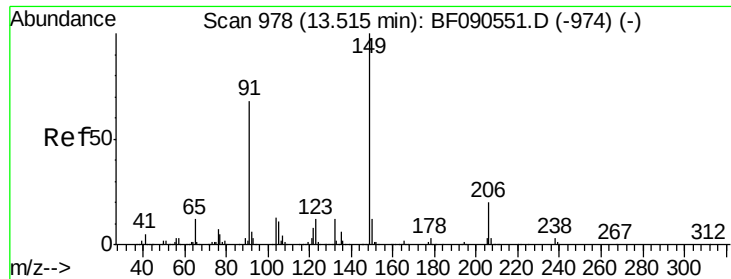


#78
Terphenyl-d14
 Concen: 53.31 ng
 RT: 13.04 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion: 244 Resp: 1375123

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.0	7.4#
122	17.9	5.6	8.4#

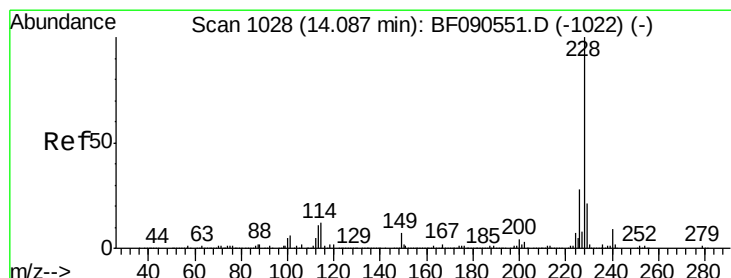
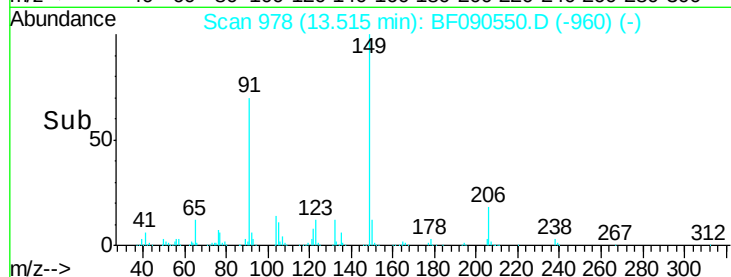
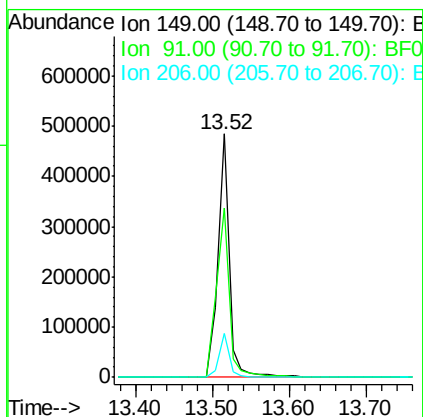
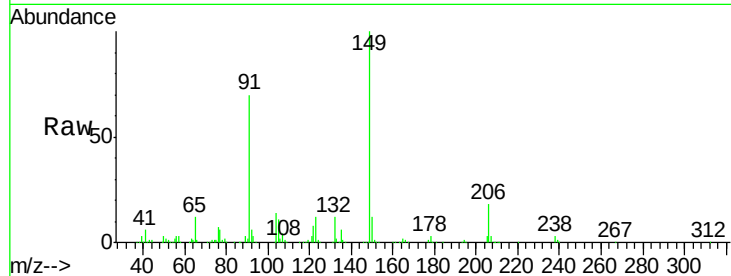




#79
Butylbenzylphthalate
Concen: 27.01 ng
RT: 13.52 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

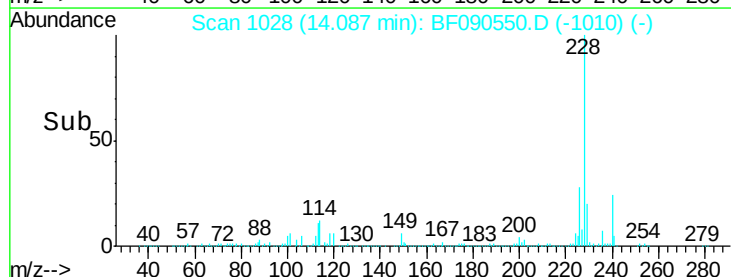
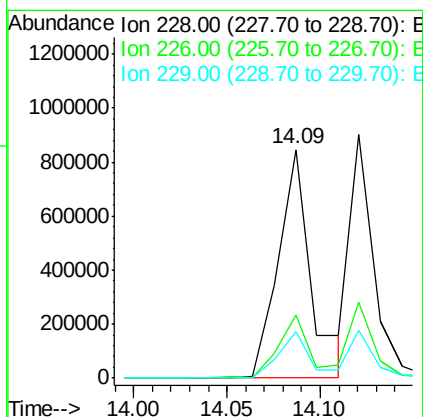
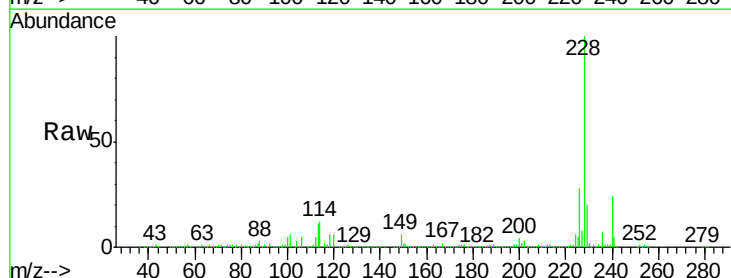
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

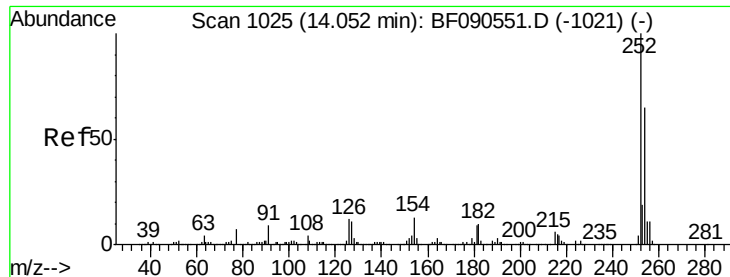
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	54.3	81.5
206	18.2	15.8	23.6



#80
Benzo(a)anthracene
Concen: 27.41 ng
RT: 14.09 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.8	34.2
229	20.1	16.6	25.0

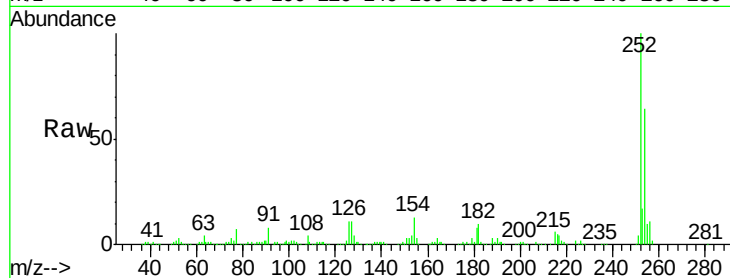




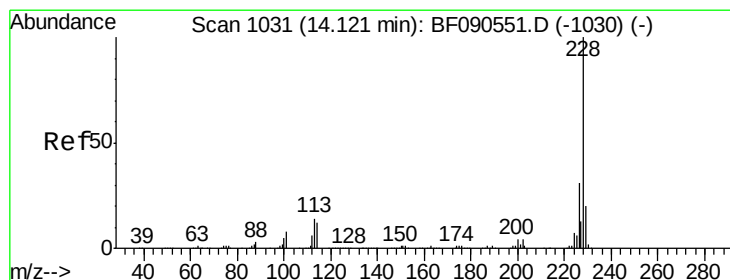
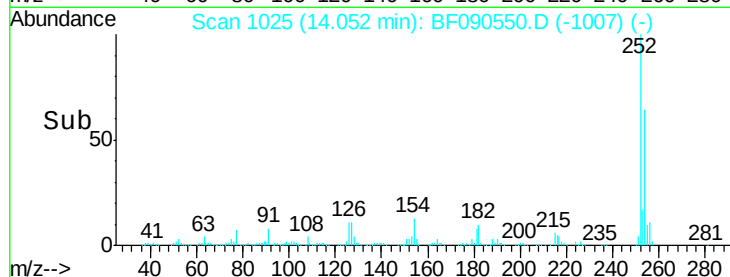
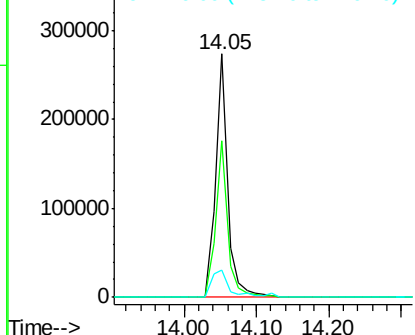
#81
 3,3'-Dichlorobenzidine
 Concen: 24.08 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:252 Resp: 319364
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.1 78.1
 126 11.2 9.3 13.9

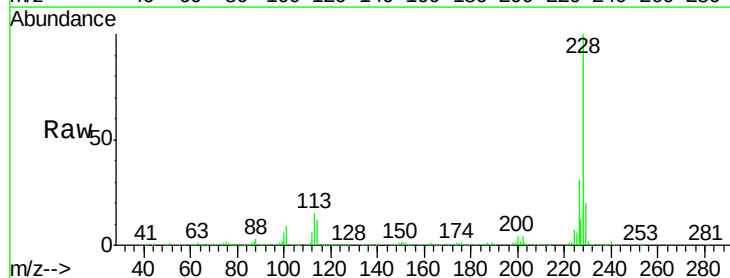


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

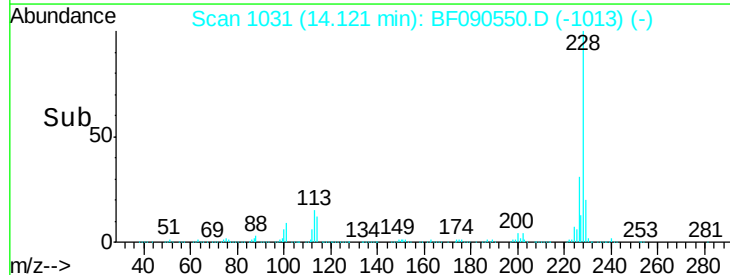
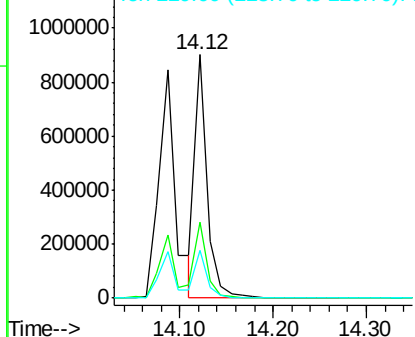


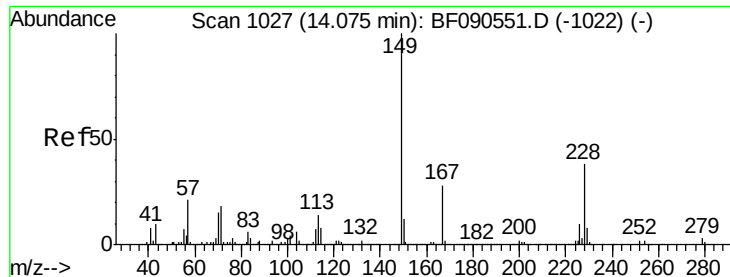
#82
 Chrysene
 Concen: 23.61 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion:228 Resp: 820358
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.8 37.2
 229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

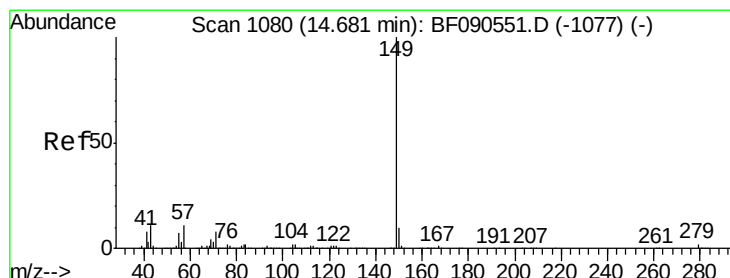
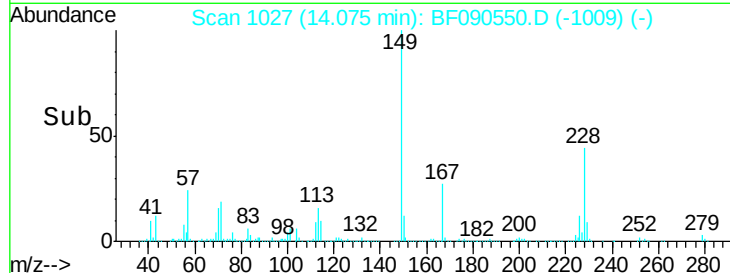
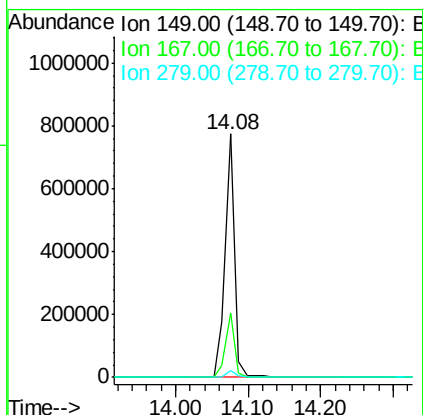
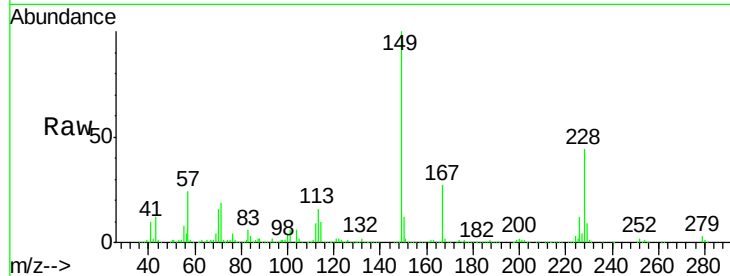




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.28 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

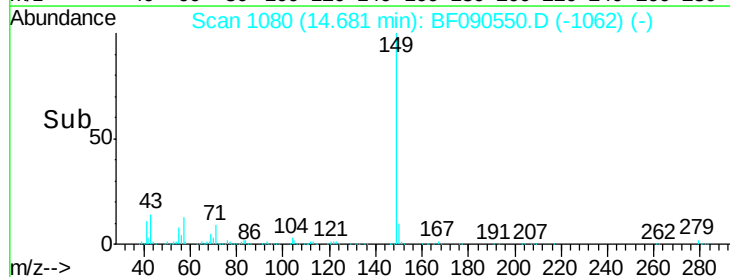
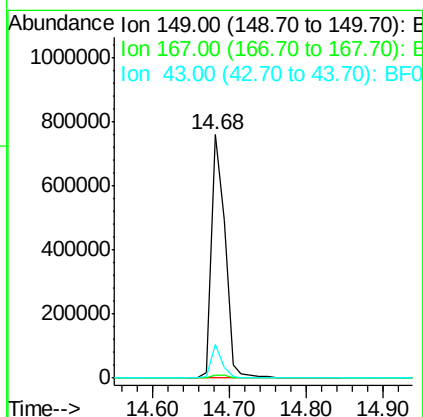
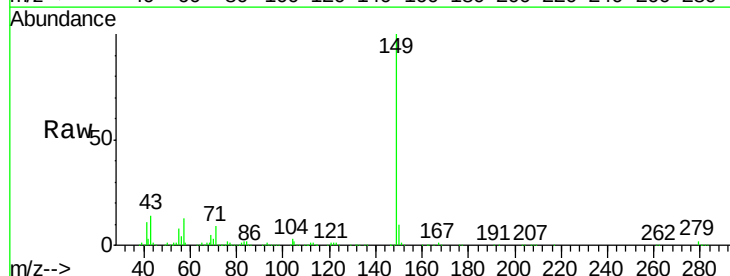
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

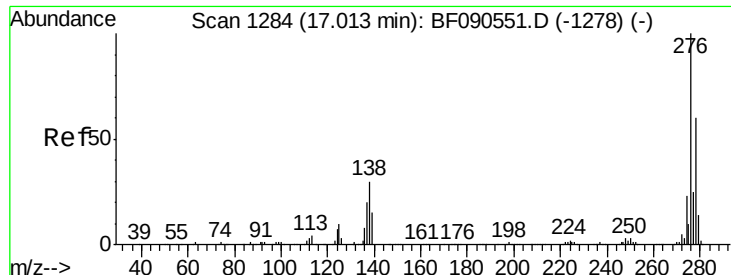
Tgt Ion:149 Resp: 704469
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.1 33.1
 279 3.0 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 23.03 ng
 RT: 14.68 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF090550.D
 Acq: 13 Oct 2016 19:18

Tgt Ion:149 Resp: 930101
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.7 6.7 10.1#





#85

Indeno(1,2,3-cd)pyrene

Concen: 16.39 ng

RT: 17.00 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

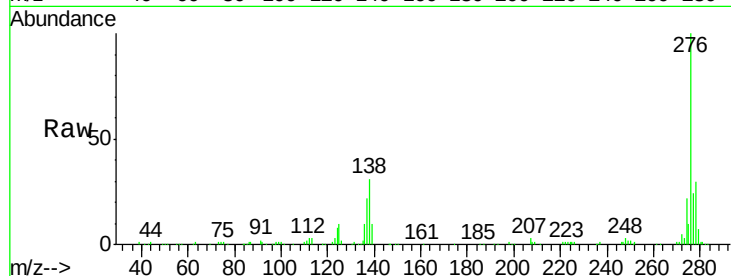
Tgt Ion:276 Resp: 456513

Ion Ratio Lower Upper

276 100

138 34.6 25.8 38.6

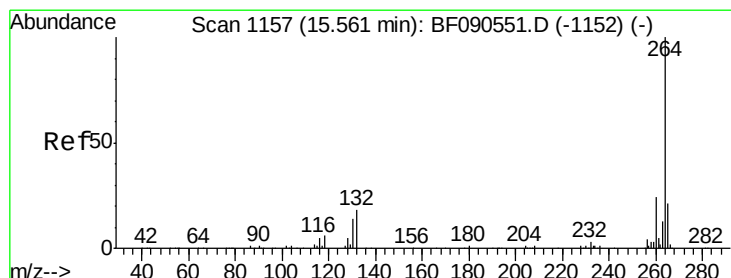
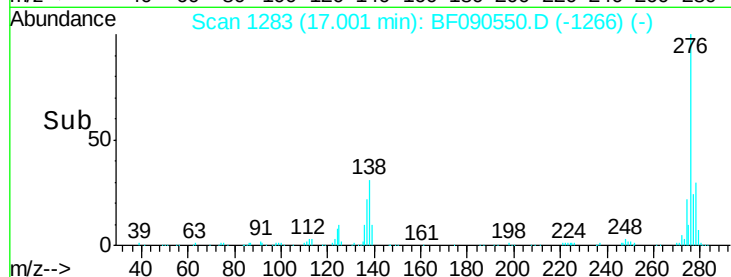
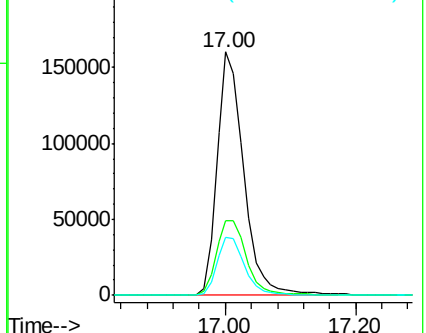
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.55 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

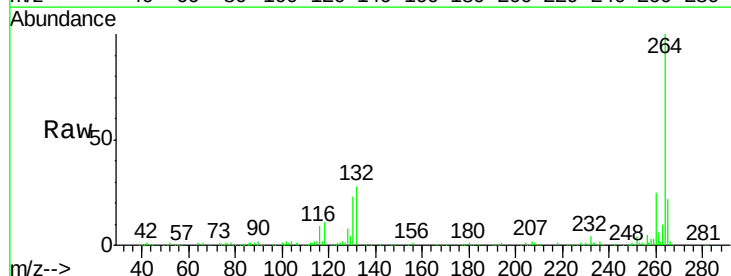
Tgt Ion:264 Resp: 382806

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

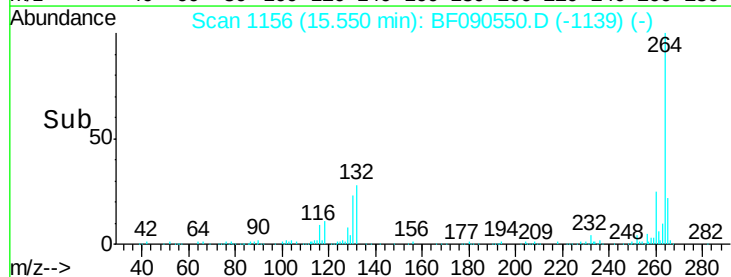
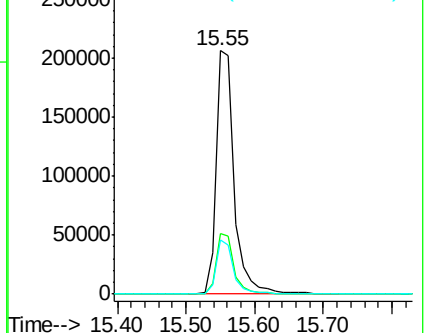
265 22.2 16.7 25.1

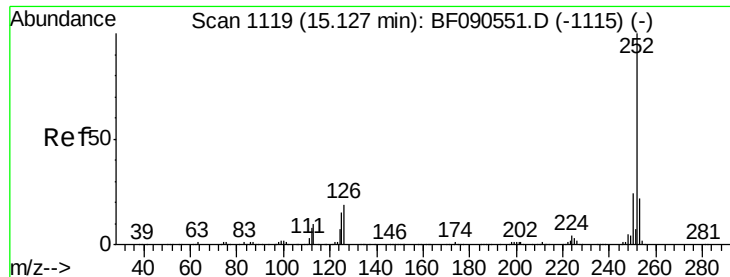


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

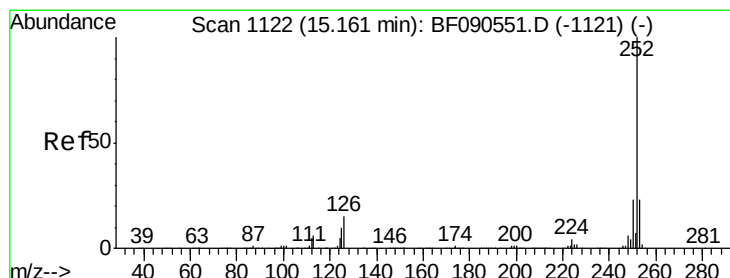
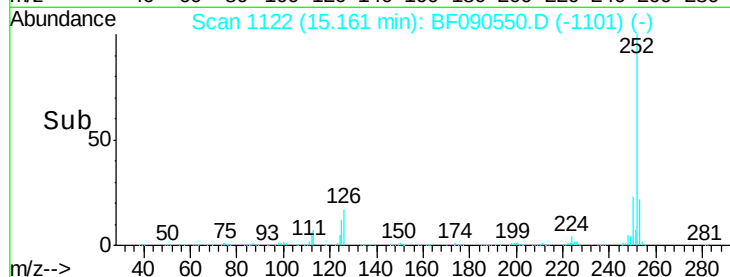
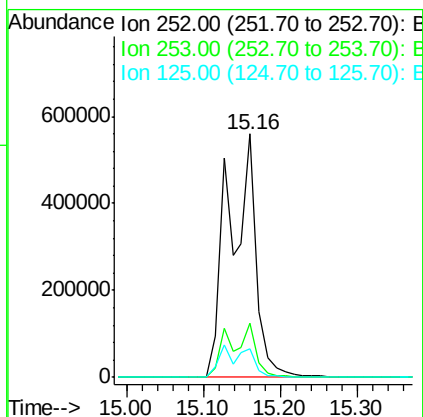
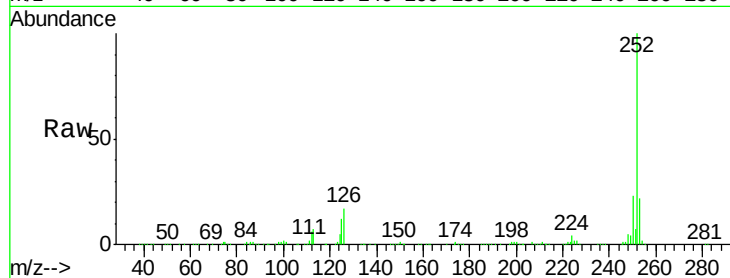




#87
Benzo(b)fluoranthene
Concen: 54.12 ng
RT: 15.16 min Scan# 1122
Delta R.T. 0.03 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

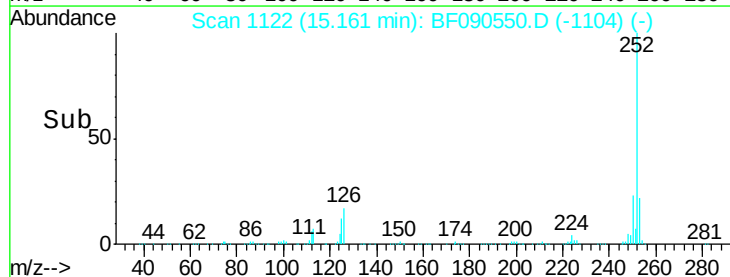
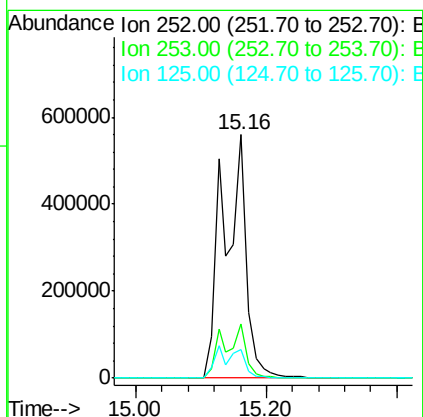
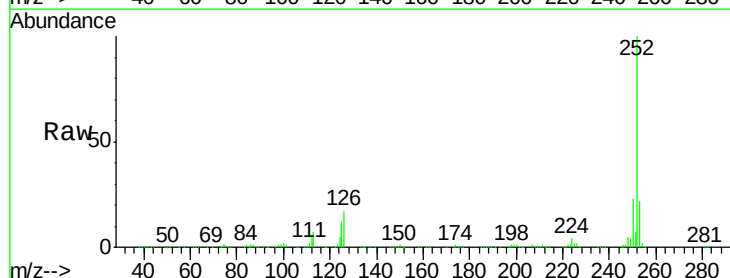
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

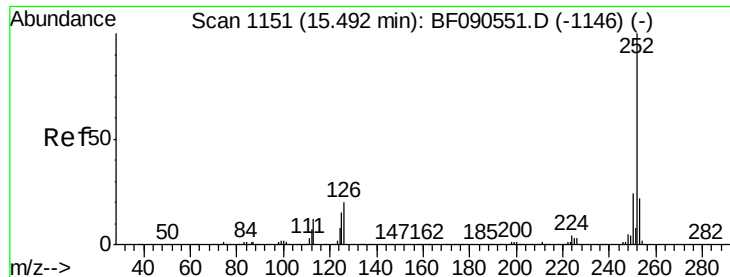
Tgt Ion:252 Resp: 1372812
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.7 12.0 18.0#



#88
Benzo(k)fluoranthene
Concen: 59.77 ng
RT: 15.16 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion:252 Resp: 1375410
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 11.7 10.0 15.0

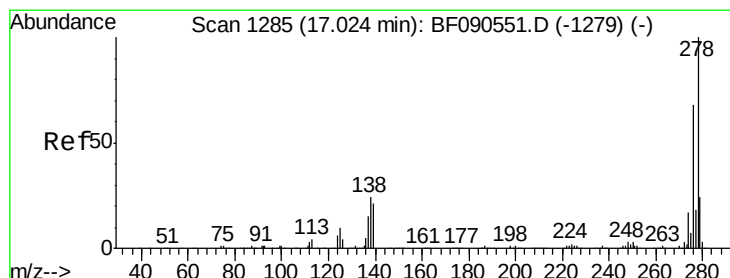
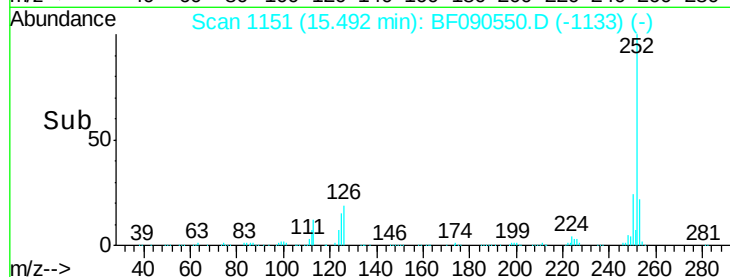
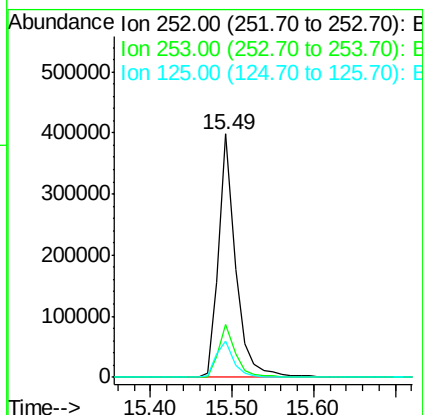
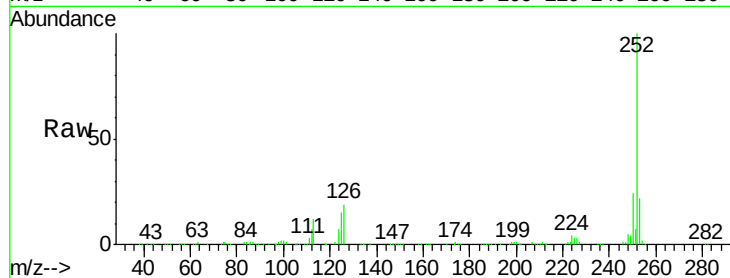




#89
Benzo(a)pyrene
Concen: 26.15 ng
RT: 15.49 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

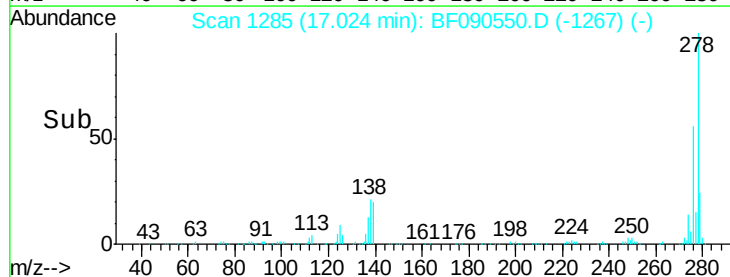
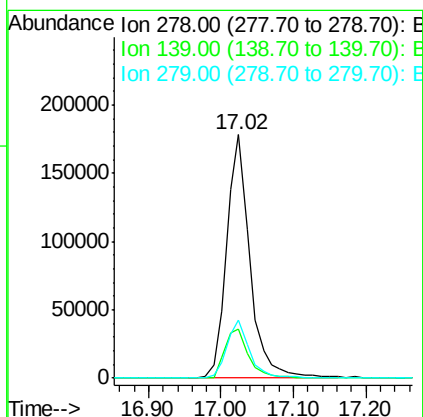
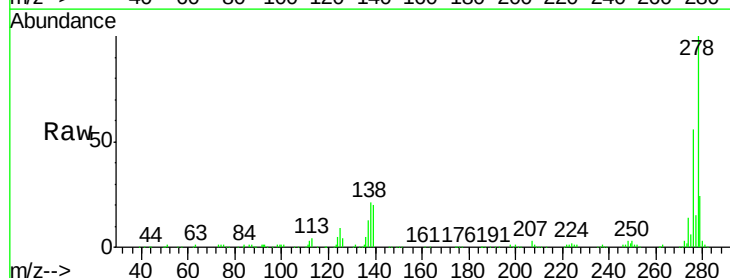
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

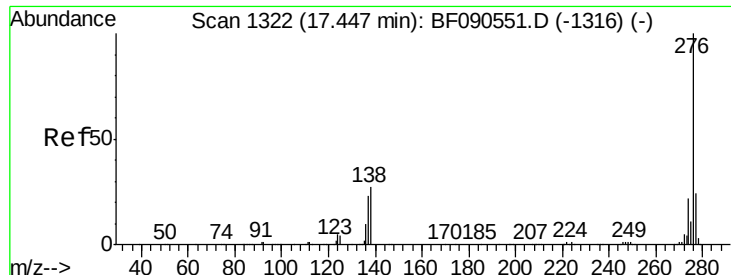
Tgt Ion: 252 Resp: 580343
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 14.8 12.3 18.5



#90
Dibenzo(a,h)anthracene
Concen: 21.40 ng
RT: 17.02 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF090550.D
Acq: 13 Oct 2016 19:18

Tgt Ion: 278 Resp: 398224
Ion Ratio Lower Upper
278 100
139 20.1 16.6 25.0
279 24.0 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 21.59 ng

RT: 17.44 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF090550.D

Acq: 13 Oct 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

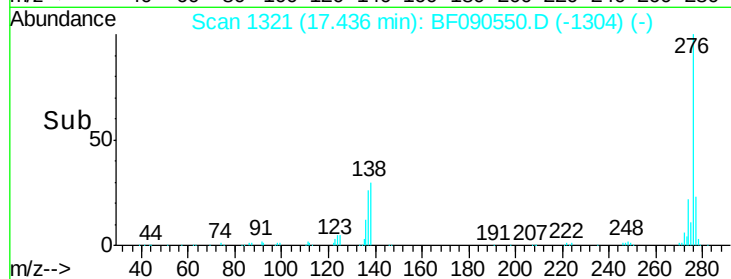
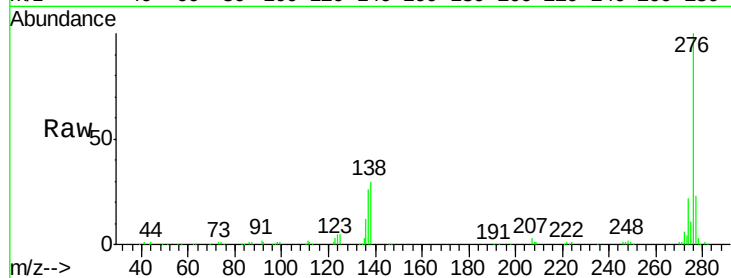
Tgt Ion: 276 Resp: 374443

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 30.0 21.8 32.8



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

