

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088990.D
 Acq On : 14 Jul 2016 17:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 14 19:13:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	56548	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	234552	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	105406	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	196120	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	143376	20.00	ng	-0.03
86) Perylene-d12	15.18	264	113344	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	295790	78.39	ng	-0.01
7) Phenol-d6	6.34	99	387510	79.48	ng	-0.01
23) Nitrobenzene-d5	7.26	82	324786	72.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	69252	70.75	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	581294	87.11	ng	-0.02
78) Terphenyl-d14	12.78	244	490486	76.20	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	66649	35.63	ng	# 33
3) Pyridine	2.83	79	191329	35.25	ng	92
4) n-Nitrosodimethylamine	2.79	42	76587	36.93	ng	96
6) Aniline	6.34	93	256418	36.09	ng	# 46
8) 2-Chlorophenol	6.47	128	152779	37.67	ng	95
9) Benzaldehyde	6.23	77	107450	32.54	ng	87
10) Phenol	6.35	94	222201	39.93	ng	# 60
11) bis(2-Chloroethyl)ether	6.43	93	165374	39.86	ng	# 83
12) 1,3-Dichlorobenzene	6.63	146	185895	41.66	ng	99
13) 1,4-Dichlorobenzene	6.71	146	188085	42.46	ng	98
14) 1,2-Dichlorobenzene	6.71	146	188085	45.37	ng	97
15) Benzyl Alcohol	6.83	79	132820	37.02	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.97	45	193573	32.21	ng	80
17) 2-Methylphenol	6.96	107	123868	37.44	ng	94
18) Hexachloroethane	7.20	117	69712	40.69	ng	# 87
19) n-Nitroso-di-n-propylamine	7.12	70	127491	38.93	ng	# 85
20) 3+4-Methylphenols	7.12	107	174936	44.06	ng	# 75
22) Acetophenone	7.11	105	250925	44.08	ng	# 92
24) Nitrobenzene	7.28	77	196794	43.61	ng	92
25) Isophorone	7.52	82	304795	36.76	ng	96
26) 2-Nitrophenol	7.59	139	75875	41.00	ng	# 90
27) 2,4-Dimethylphenol	7.64	122	154099	39.98	ng	92
28) bis(2-Chloroethoxy)methane	7.74	93	213105	39.50	ng	# 96
29) 2,4-Dichlorophenol	7.84	162	135711	43.57	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	148230	43.36	ng	99
31) Naphthalene	8.00	128	509648	44.07	ng	99
32) Benzoic acid	7.78	122	103872	37.12	ng	88
33) 4-Chloroaniline	8.04	127	193298	37.57	ng	94
34) Hexachlorobutadiene	8.11	225	73373	40.09	ng	98
35) Caprolactam	8.42	113	38383	36.28	ng	93
36) 4-Chloro-3-methylphenol	8.54	107	142862	38.78	ng	87
37) 2-Methylnaphthalene	8.68	142	304417	40.89	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	170588	48.66	ng	# 1
40) Hexachlorocyclopentadiene	8.84	237	58157	33.80	ng	96

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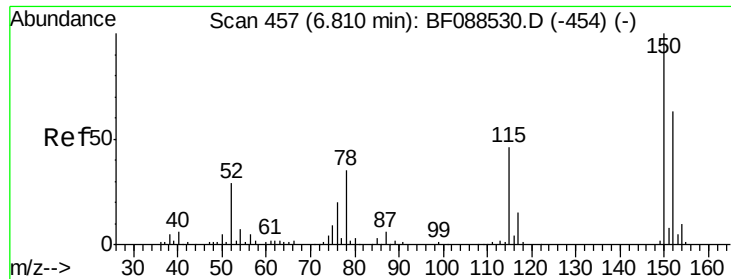
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	92690	40.10	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	88657	44.58	nq #	84
45) 1,1'-Biphenyl	9.15	154	403951	46.28	nq	96
46) 2-Chloronaphthalene	9.18	162	289797	42.29	nq	93
47) 2-Nitroaniline	9.27	65	95387	39.23	nq	98
48) Acenaphthylene	9.59	152	475613	43.62	nq	98
49) Dimethylphthalate	9.46	163	314855	41.93	nq	98
50) 2,6-Dinitrotoluene	9.52	165	71336	42.86	nq	95
51) Acenaphthene	9.76	154	300291	44.93	nq	97
52) 3-Nitroaniline	9.68	138	80043	37.83	nq	93
53) 2,4-Dinitrophenol	9.78	184	30213	41.11	nq #	73
54) Dibenzofuran	9.93	168	364828	41.71	nq	97
55) 4-Nitrophenol	9.85	139	57551	35.79	nq	88
56) 2,4-Dinitrotoluene	9.92	165	98901	45.45	nq #	79
57) Fluorene	10.26	166	275124	40.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	62904	40.88	nq #	44
59) Diethylphthalate	10.15	149	302312	40.11	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	139448	44.52	nq	95
61) 4-Nitroaniline	10.28	138	86093	42.29	nq #	78
62) Azobenzene	10.42	77	362497	42.17	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	43736	41.69	nq	88
65) n-Nitrosodiphenylamine	10.38	169	260700	39.28	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	77107	39.01	nq #	89
67) Hexachlorobenzene	10.81	284	80443	36.77	nq	95
68) Atrazine	10.91	200	88513	42.80	nq	93
69) Pentachlorophenol	11.00	266	44553	34.41	nq	98
70) Phenanthrene	11.22	178	468959	43.74	nq	98
71) Anthracene	11.27	178	408917	38.36	nq	98
72) Carbazole	11.43	167	426915	42.55	nq	100
73) Di-n-butylphthalate	11.77	149	508933	43.61	nq	98
74) Fluoranthene	12.40	202	476684	43.86	nq	97
76) Benzidine	12.52	184	238756	32.95	nq	100
77) Pyrene	12.63	202	499860	41.12	nq	98
79) Butylbenzylphthalate	13.26	149	213318	39.34	nq	99
80) Benzo(a)anthracene	13.81	228	358981	38.88	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	116392	33.53	nq #	94
82) Chrysene	13.84	228	298547	32.69	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	267848	43.27	nq	99
84) Di-n-octyl phthalate	14.42	149	403444	38.36	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	252657	35.95	nq #	100
87) Benzo(b)fluoranthene	14.83	252	576962	81.15	nq	98
88) Benzo(k)fluoranthene	14.83	252	576962	93.21	nq #	96
89) Benzo(a)pyrene	15.13	252	264065	43.86	nq #	92
90) Dibenzo(a,h)anthracene	16.47	278	219130	43.59	nq	99
91) Benzo(g,h,i)perylene	16.83	276	220705	42.43	nq	98

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

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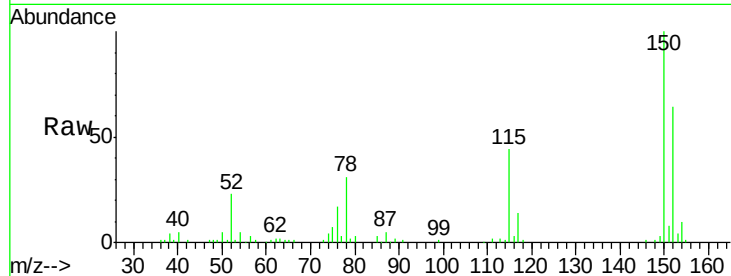


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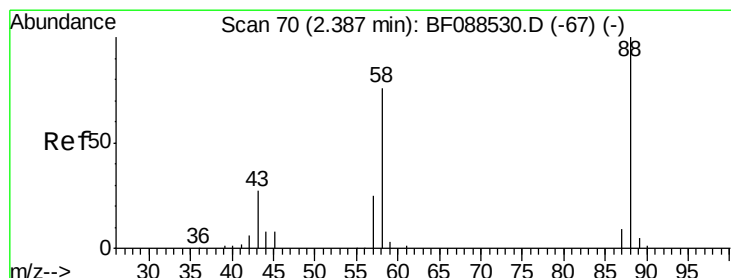
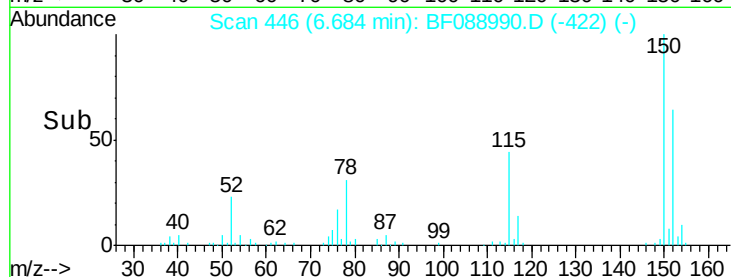
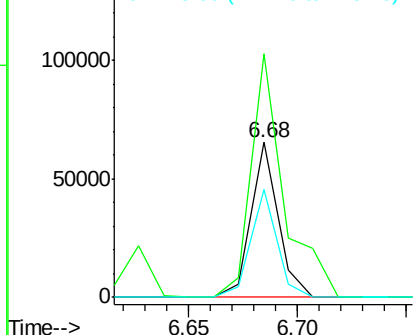
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 56548
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 69.5 39.6 59.4#



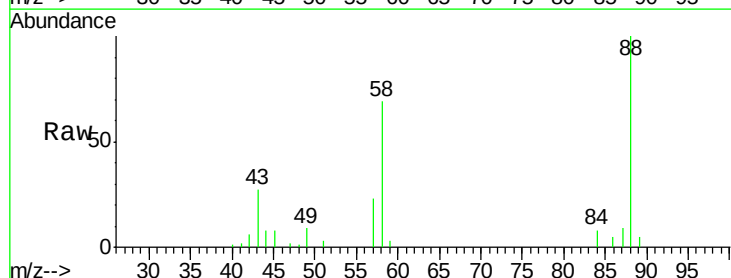
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



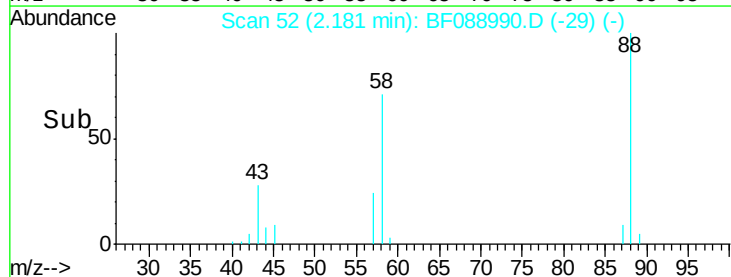
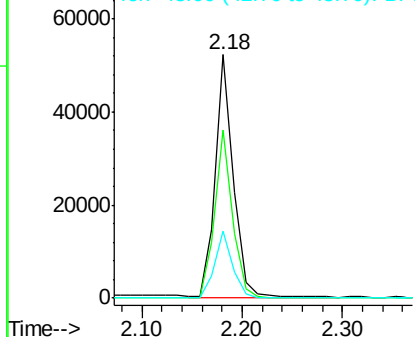
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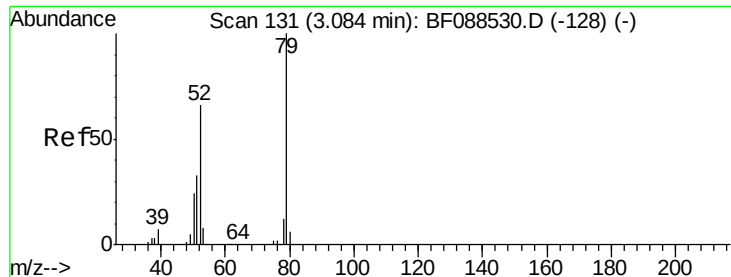
1,4-Dioxane
Concen: 35.63 ng
RT: 2.18 min Scan# 52
Delta R.T. -0.03 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Tgt Ion: 88 Resp: 66649
Ion Ratio Lower Upper
88 100
58 65.9 0.0 0.0#
43 26.2 3.4 5.2#



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

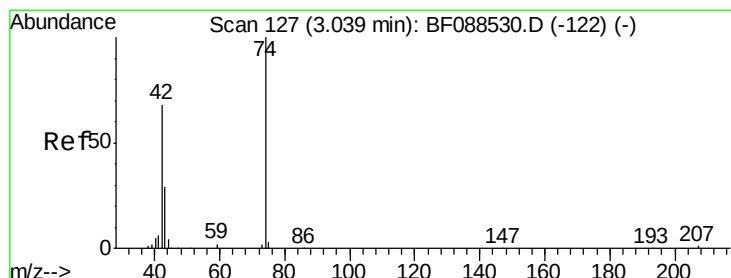
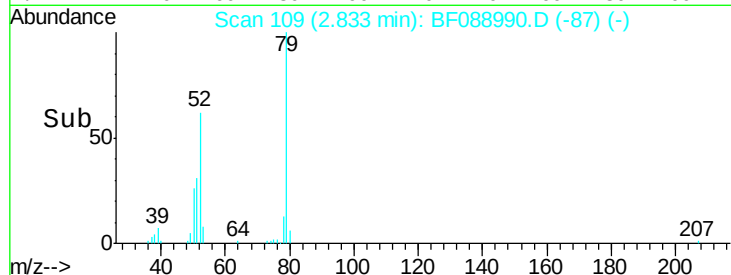
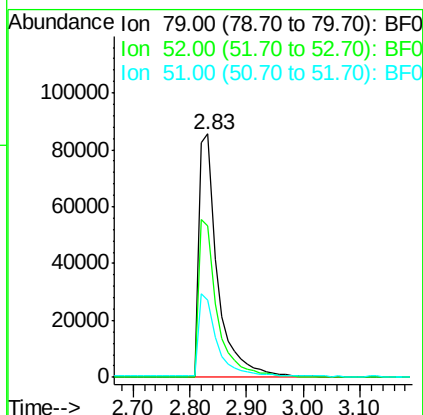
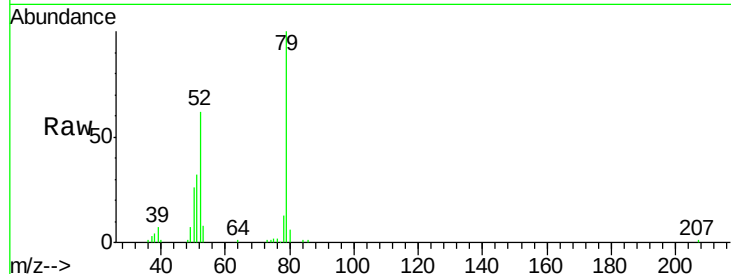




#3
 Pvridine
 Concen: 35.25 ng
 RT: 2.83 min Scan# 109
 Delta R.T. -0.05 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

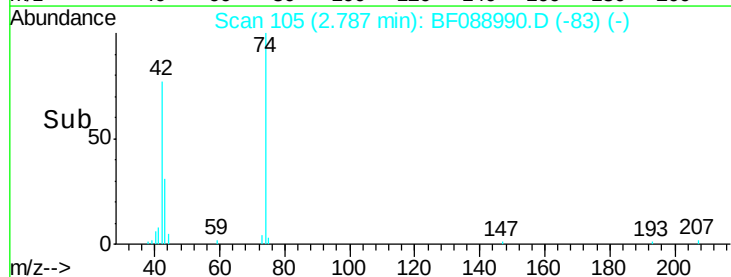
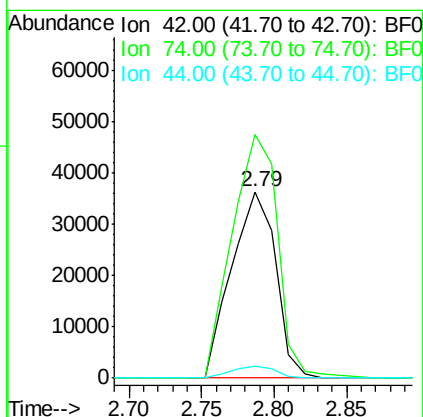
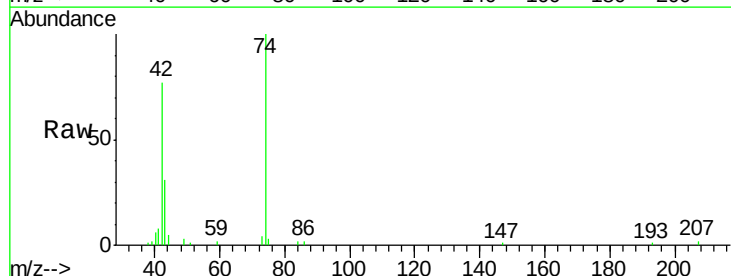
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

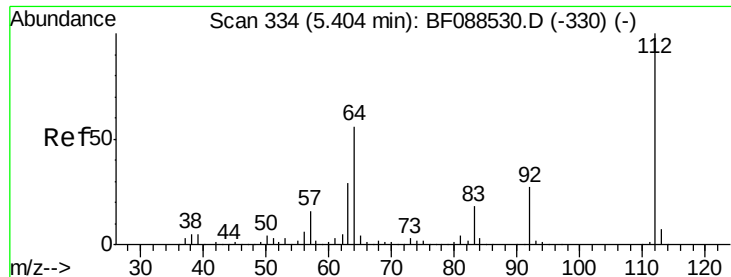
Tot Ion: 79 Resp: 191329
 Ion Ratio Lower Upper
 79 100
 52 62.0 56.3 84.5
 51 31.9 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 36.93 ng
 RT: 2.79 min Scan# 105
 Delta R.T. -0.05 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion: 42 Resp: 76587
 Ion Ratio Lower Upper
 42 100
 74 130.6 108.6 163.0
 44 6.2 5.5 8.3





#5

2-Fluorophenol

Concen: 78.39 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

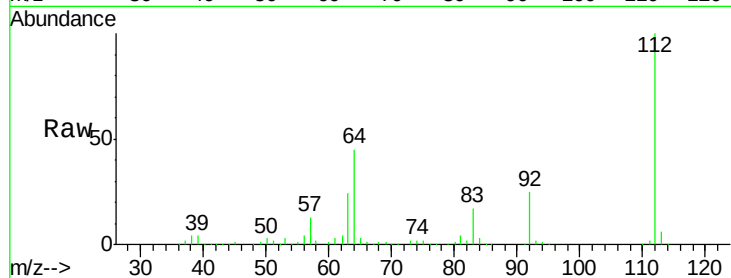
Tot Ion:112 Resp: 295790

Ion Ratio Lower Upper

112 100

64 44.8 42.2 63.2

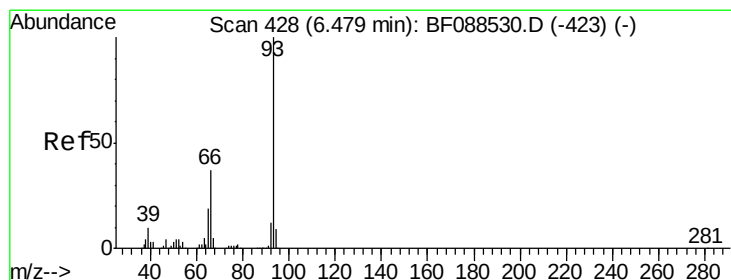
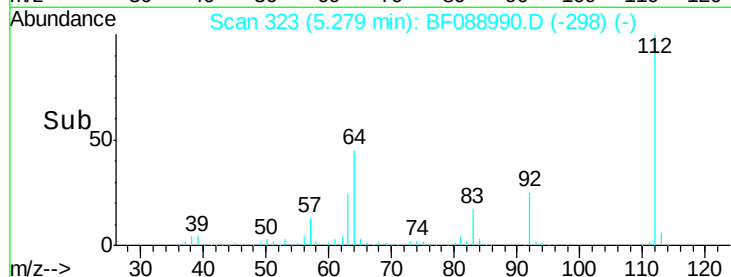
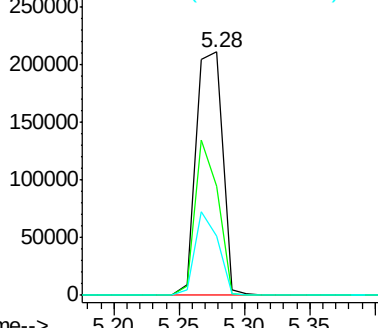
63 24.2 21.8 32.8



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: 36.09 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

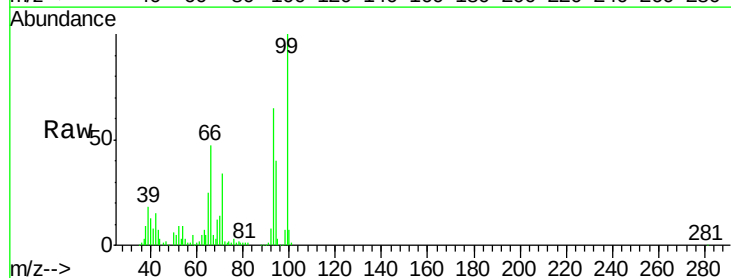
Tgt Ion: 93 Resp: 256418

Ion Ratio Lower Upper

93 100

66 72.6 29.8 44.8#

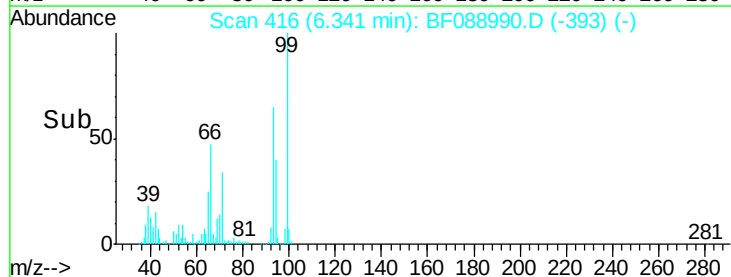
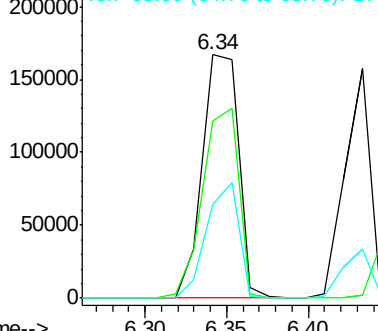
65 38.4 14.9 22.3#

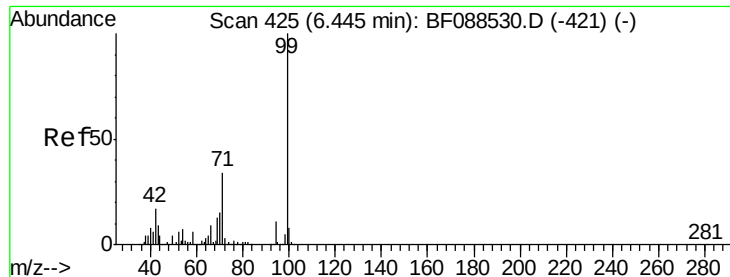


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.48 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

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ClientSampleId :

SSTDCCC040

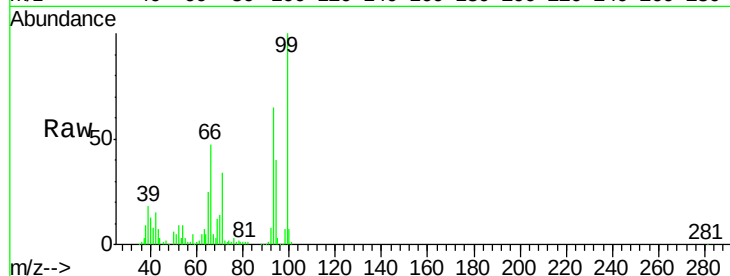
Tot Ion: 99 Resp: 387510

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

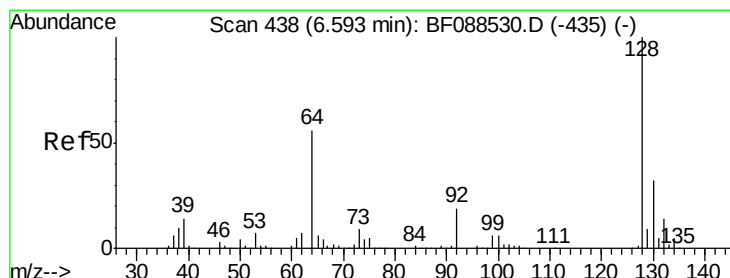
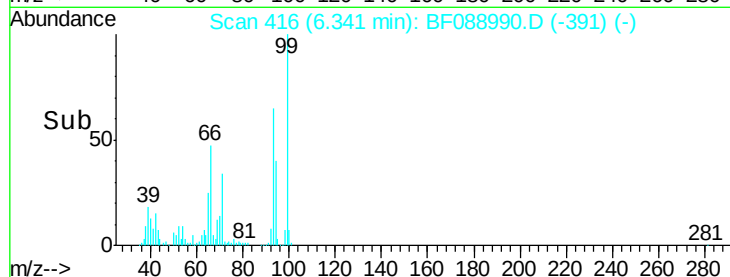
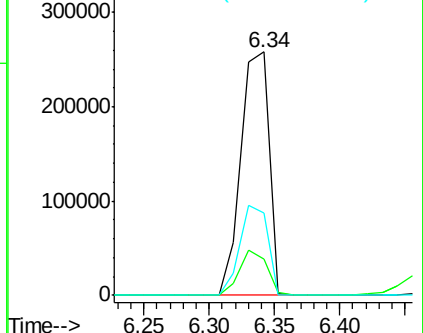
71 34.1 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.67 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

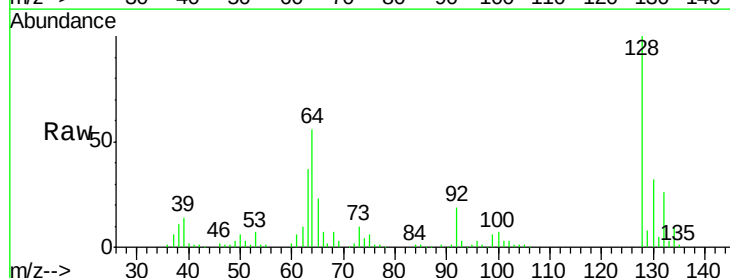
Tgt Ion: 128 Resp: 152779

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

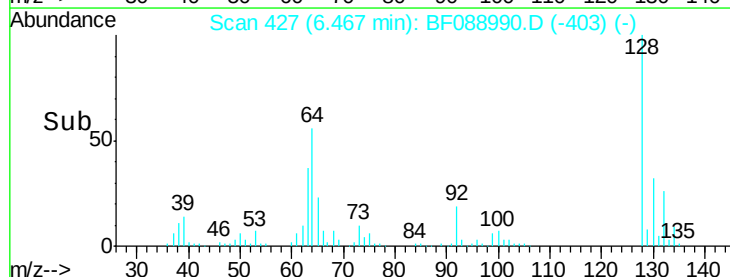
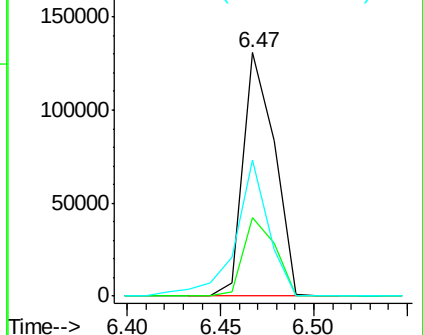
64 55.8 30.8 70.8

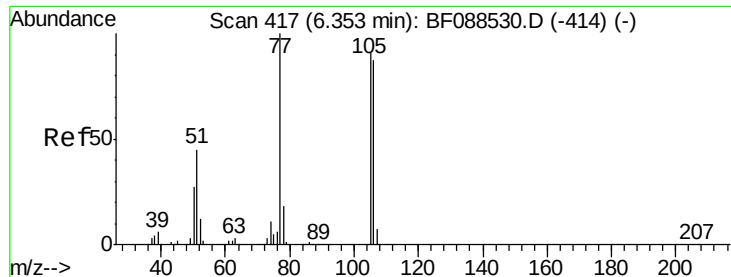


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.54 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

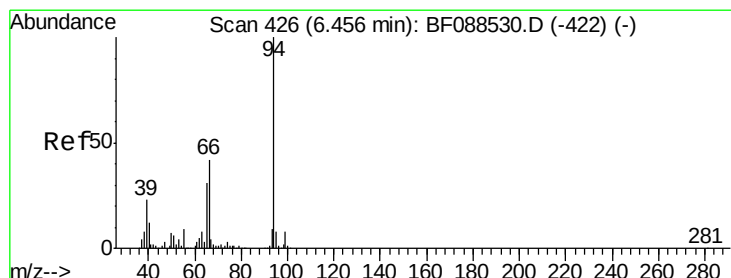
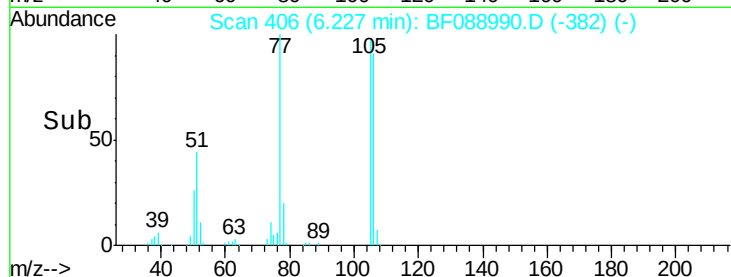
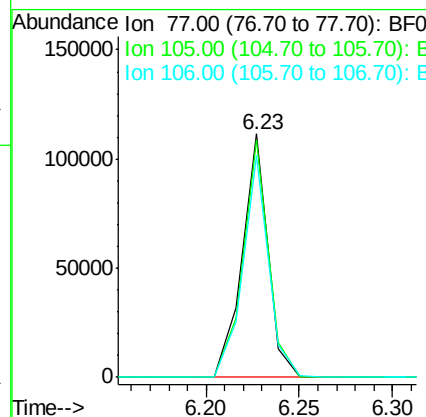
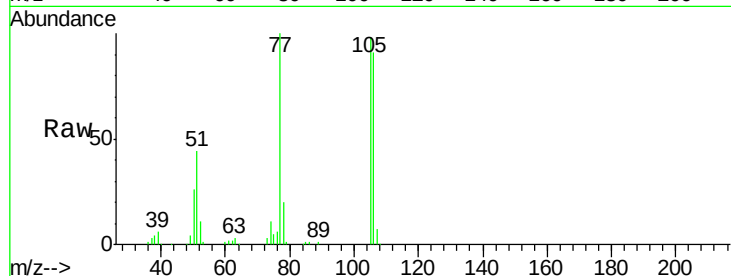
Tot Ion: 77 Resp: 107450

Ion Ratio Lower Upper

77 100

105 97.5 90.6 130.6

106 91.3 85.3 125.3



#10

Phenol

Concen: 39.93 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

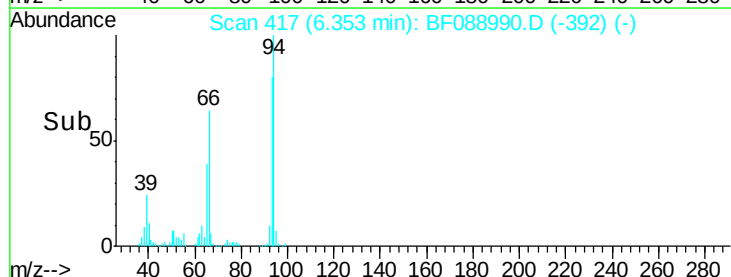
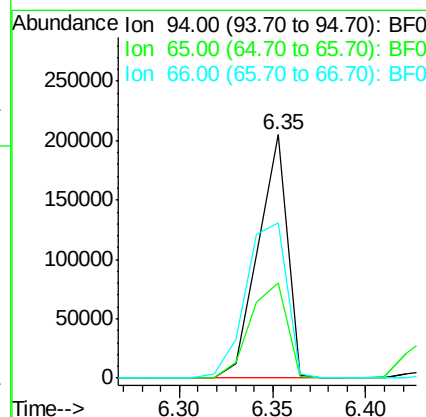
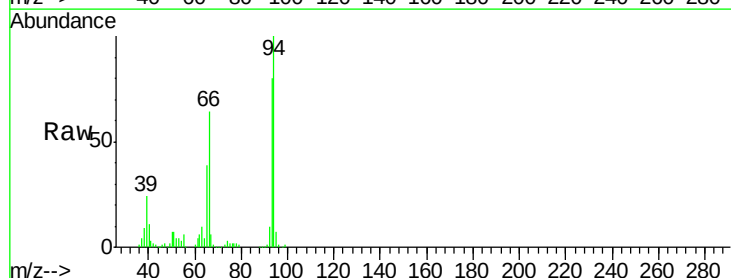
Tgt Ion: 94 Resp: 222201

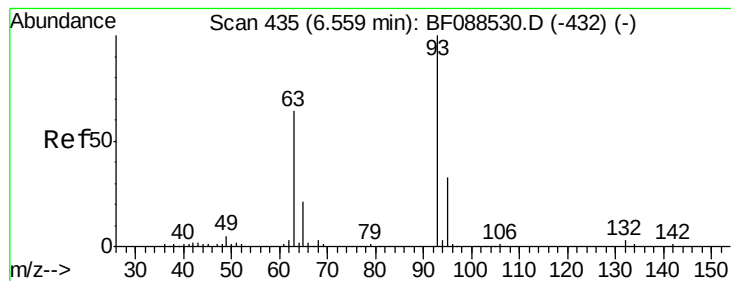
Ion Ratio Lower Upper

94 100

65 38.9 5.9 45.9

66 63.7 14.0 54.0#

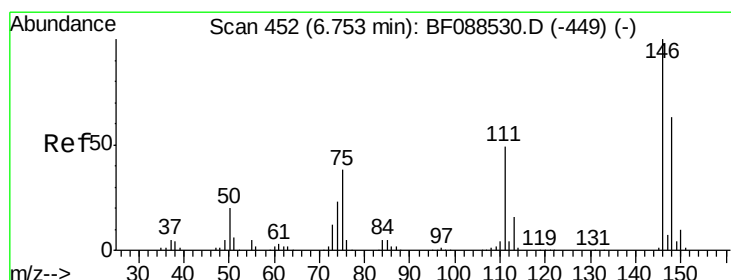
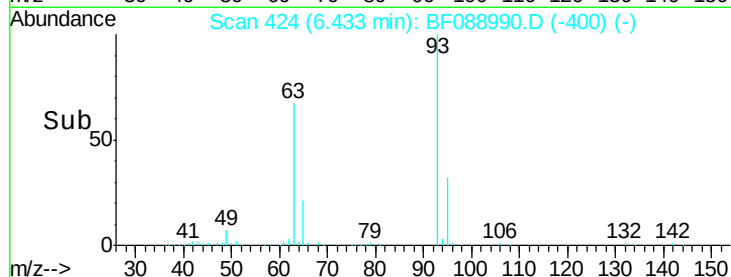
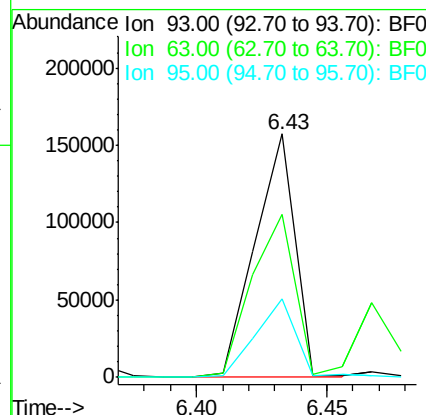
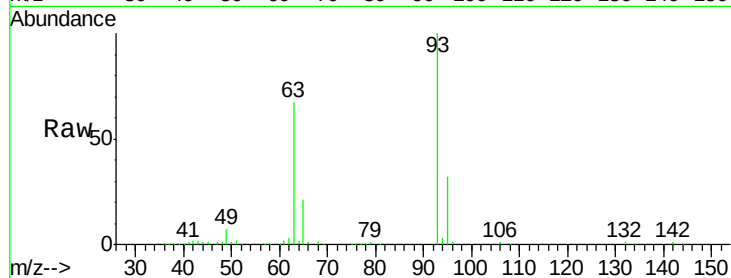




#11
bis(2-Chloroethyl)ether
Concen: 39.86 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

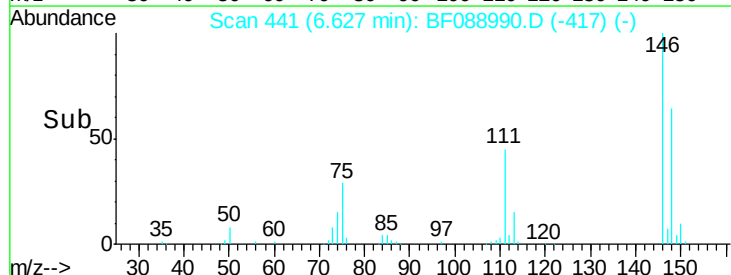
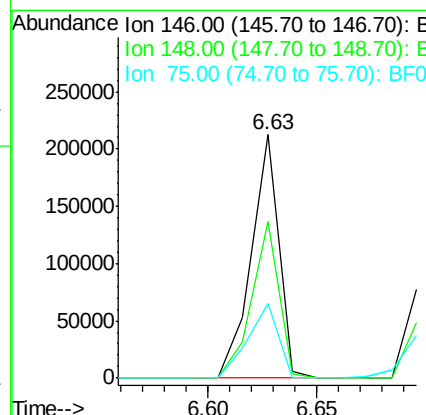
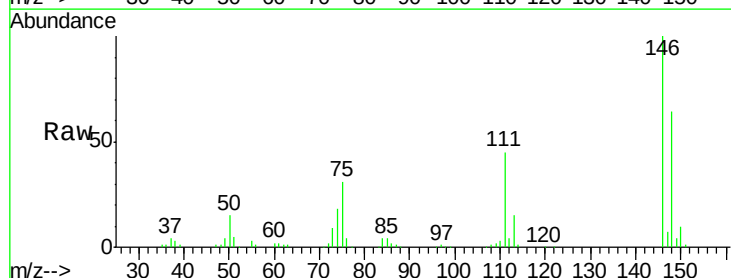
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

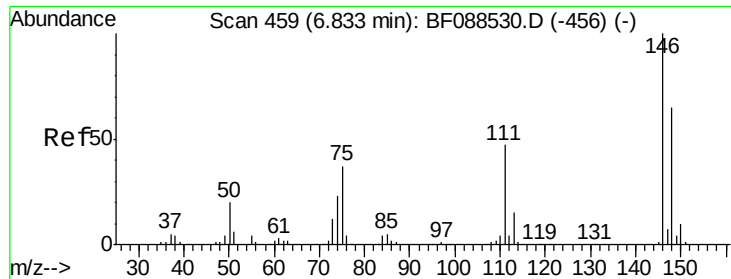
Tot Ion: 93 Resp: 165374
Ion Ratio Lower Upper
93 100
63 66.7 67.6 107.6#
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.66 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Tgt Ion: 146 Resp: 185895
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
75 30.5 25.6 38.4

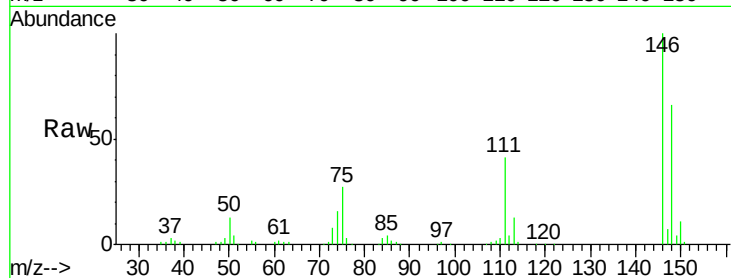




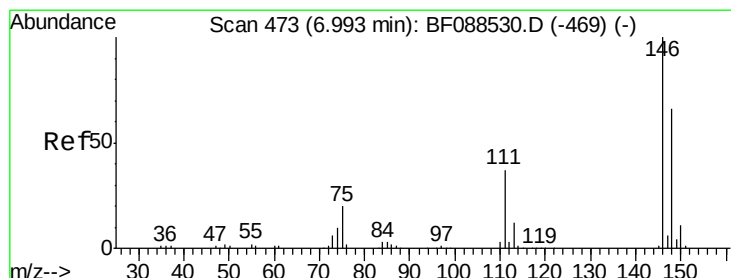
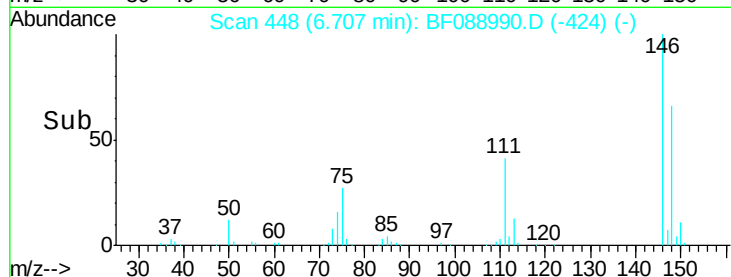
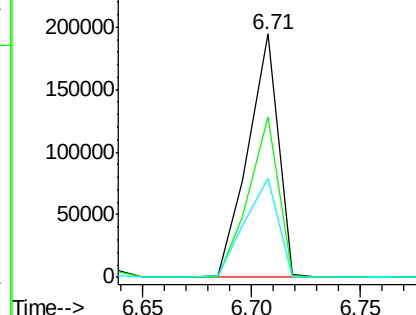
#13
 1,4-Dichlorobenzene
 Concen: 42.46 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 188085
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.0 78.0
 111 40.6 33.8 50.8

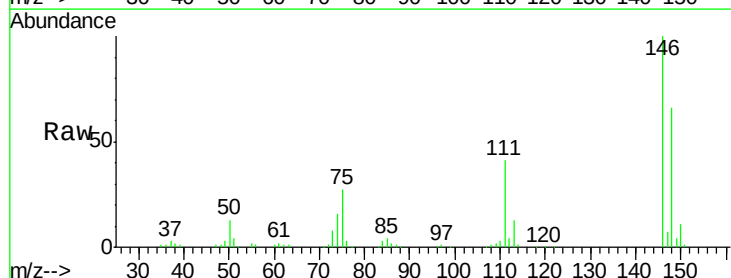


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

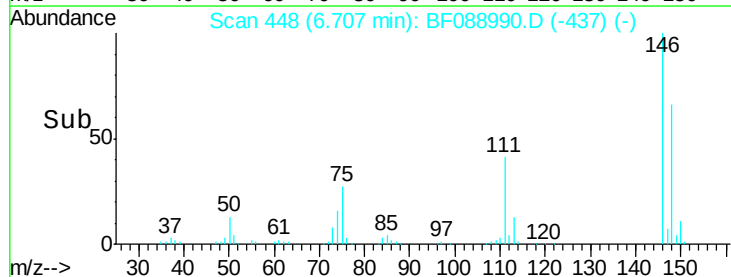
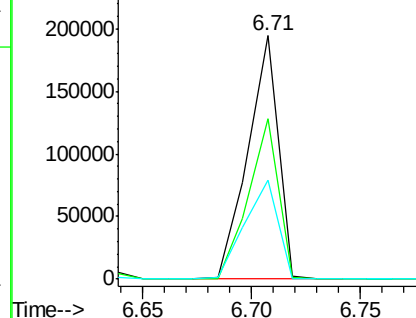


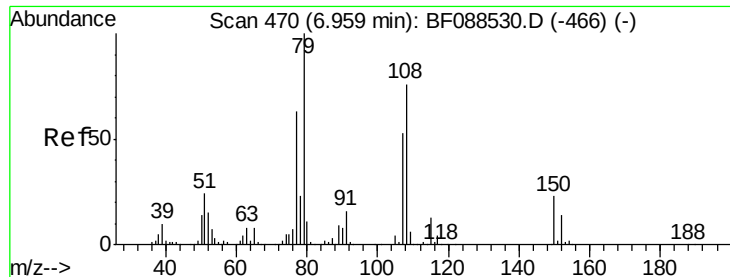
#14
 1,2-Dichlorobenzene
 Concen: 45.37 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.17 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion:146 Resp: 188085
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.3 78.5
 111 40.6 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 37.02 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

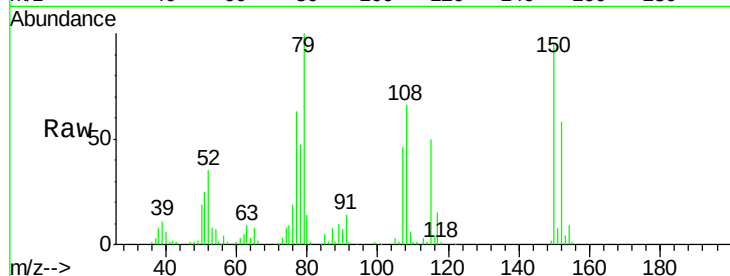
Tot Ion: 79 Resp: 132820

Ion Ratio Lower Upper

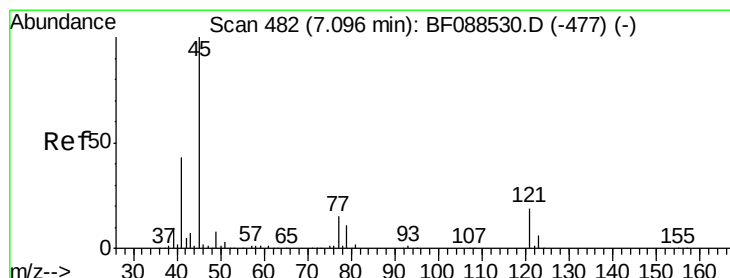
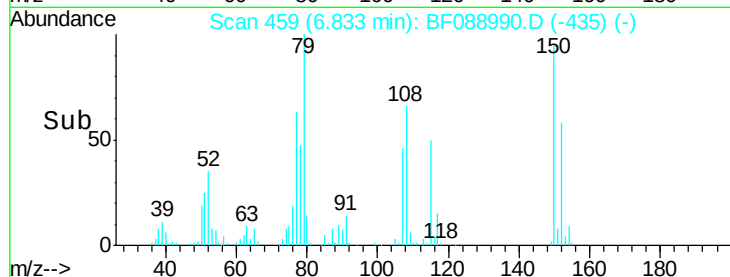
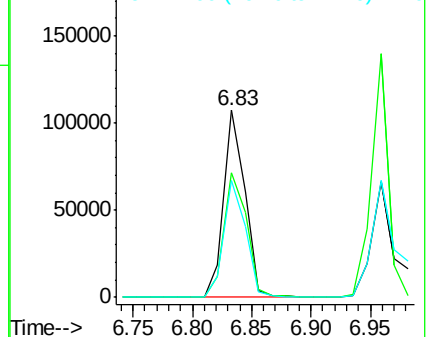
79 100

108 66.4 65.0 97.6

77 62.5 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.21 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

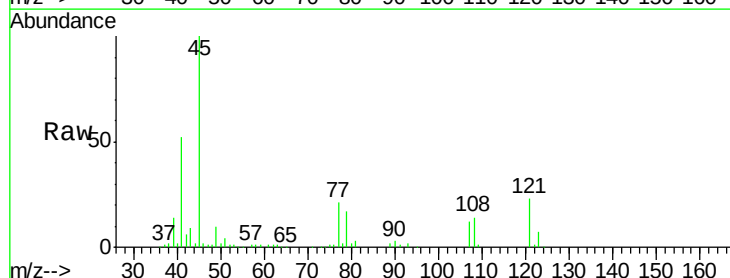
Tgt Ion: 45 Resp: 193573

Ion Ratio Lower Upper

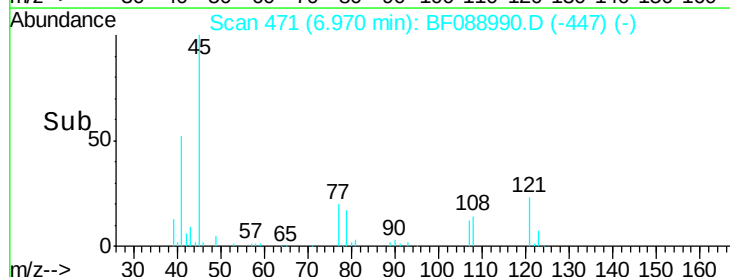
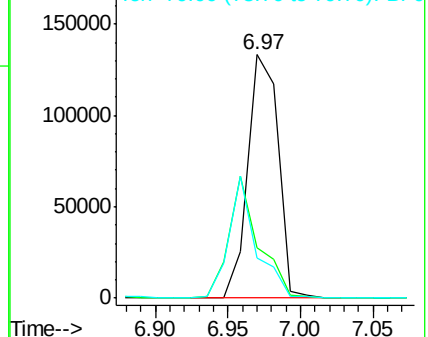
45 100

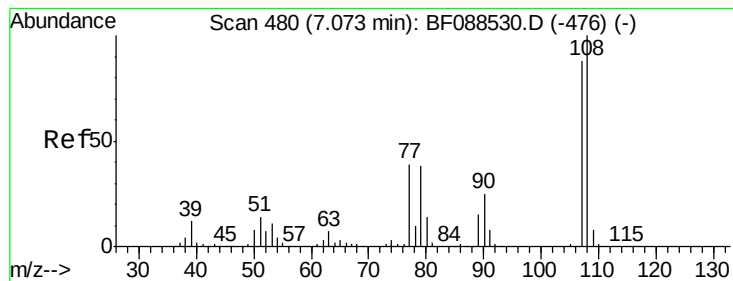
77 20.7 0.0 32.5

79 16.6 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

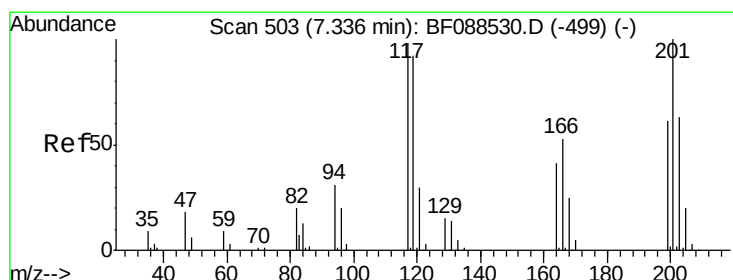
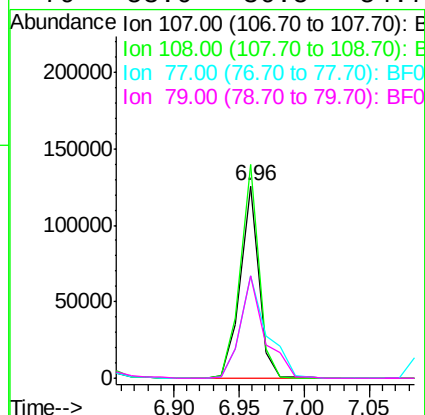
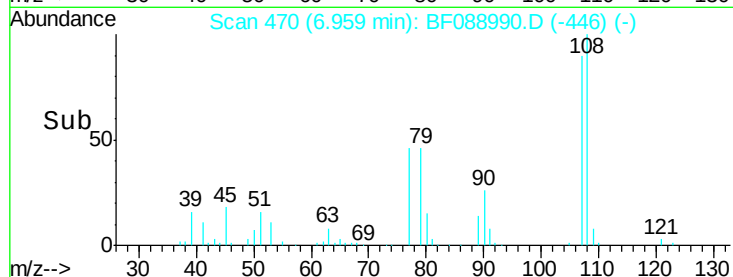
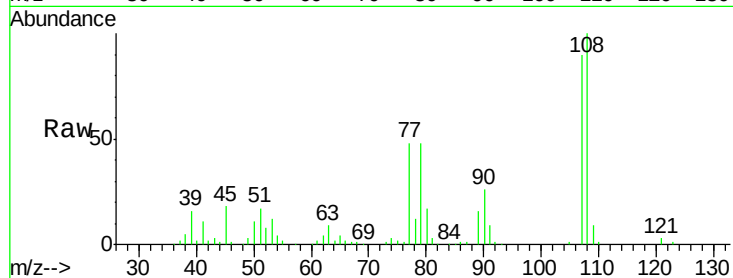




#17
2-Methylphenol
Concen: 37.44 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

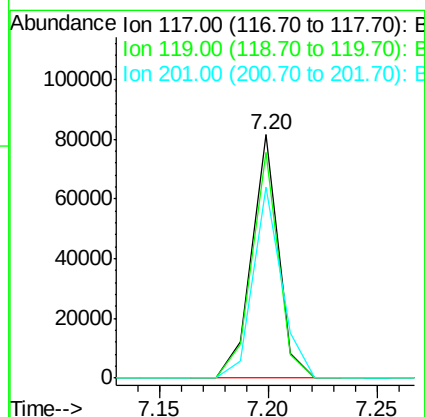
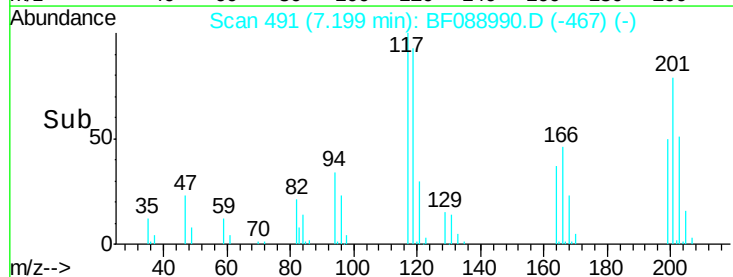
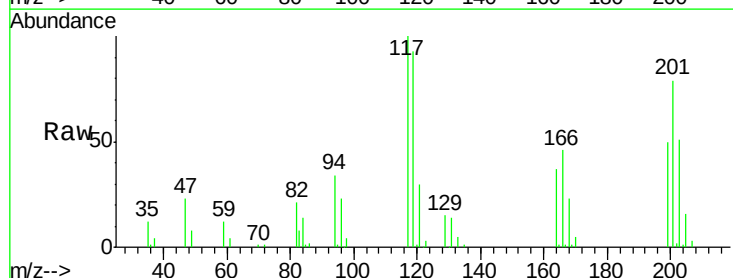
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

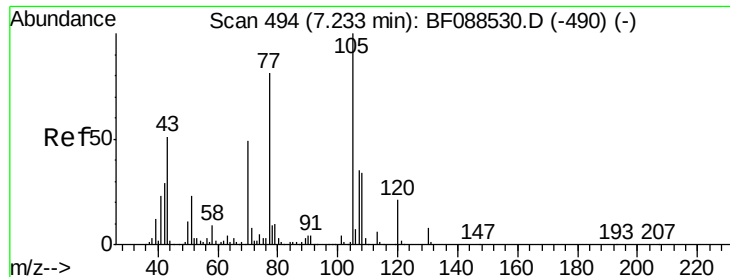
Tot Ion:	107	Resp:	123868
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.9	136.3
77	53.3	36.6	55.0
79	53.0	36.5	54.7



#18
Hexachloroethane
Concen: 40.69 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Tgt Ion:	117	Resp:	69712
Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.4	116.2
201	78.7	80.4	120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 38.93 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 127491

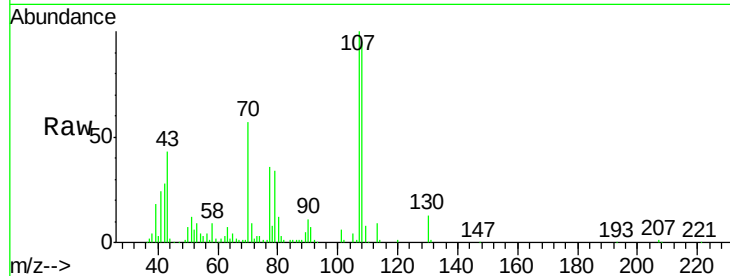
Ion Ratio Lower Upper

70 100

42 48.2 49.6 74.4#

101 10.6 7.1 10.7

130 23.2 15.4 23.2#



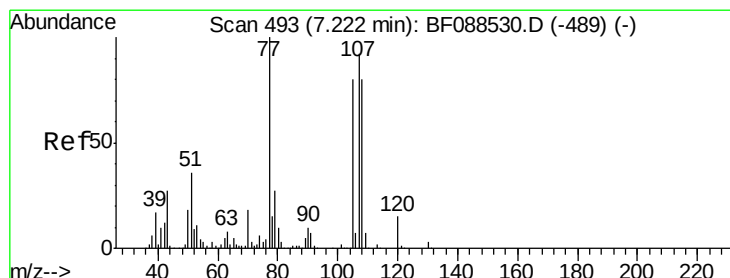
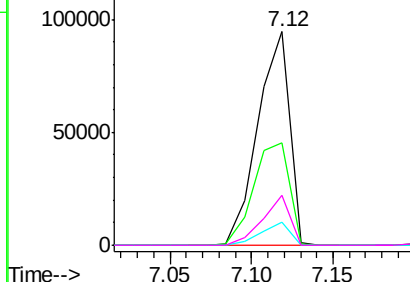
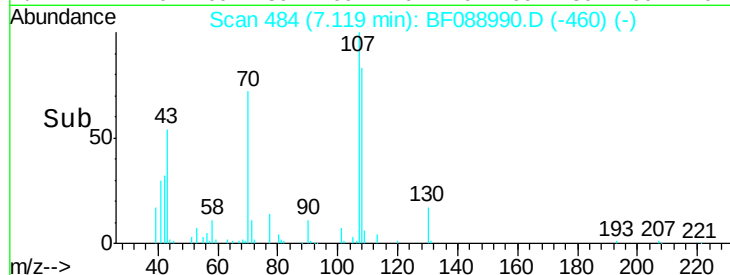
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.06 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Tgt Ion:107 Resp: 174936

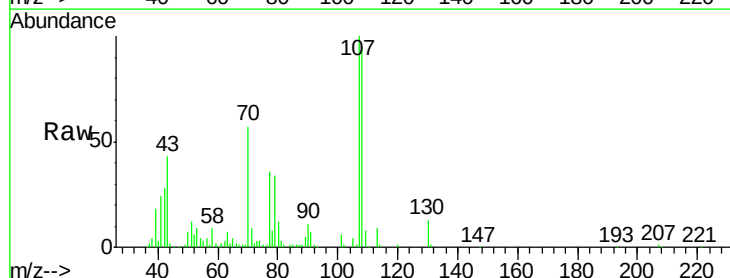
Ion Ratio Lower Upper

107 100

108 94.8 67.8 107.8

77 36.2 59.3 99.3#

79 33.8 7.0 47.0



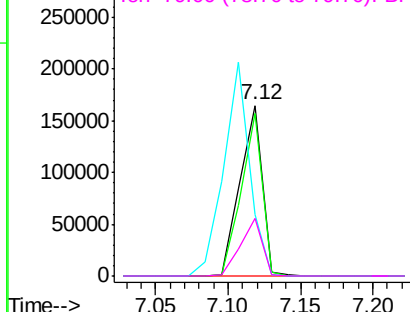
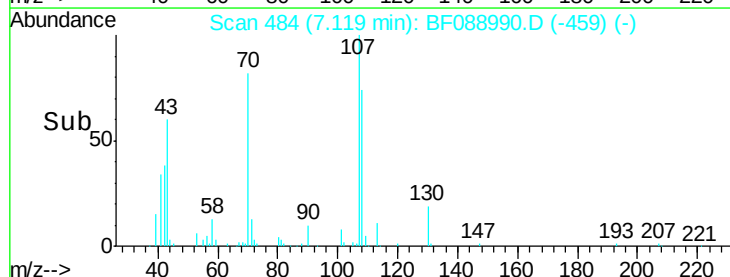
Abundance

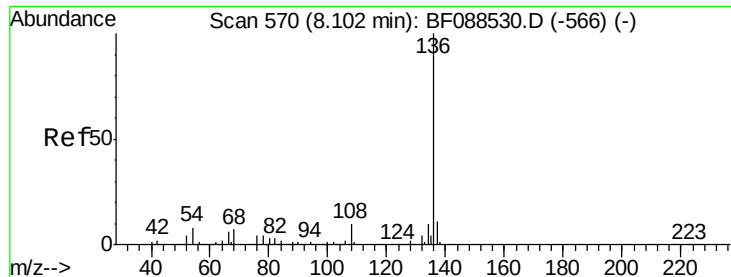
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 234552

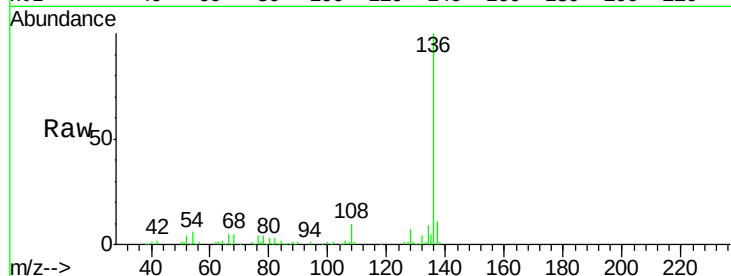
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.1 6.6 10.0#

68 5.0 5.1 7.7#

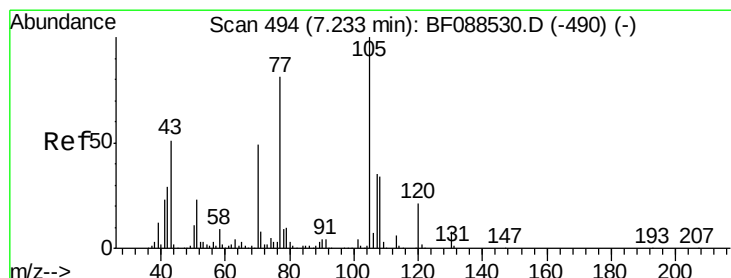
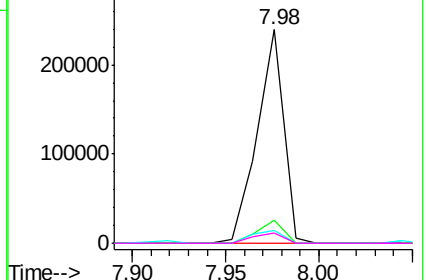
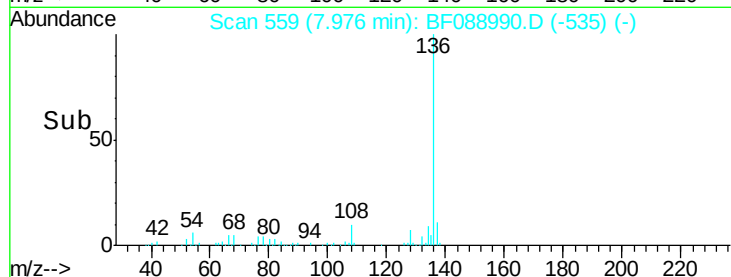


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.08 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Tgt Ion:105 Resp: 250925

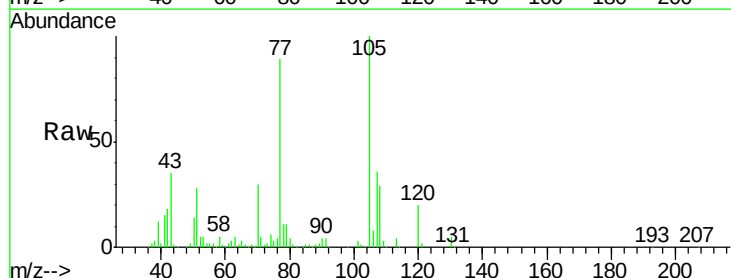
Ion Ratio Lower Upper

105 100

71 4.9 5.3 7.9#

51 28.3 18.2 27.4#

120 20.0 18.0 27.0

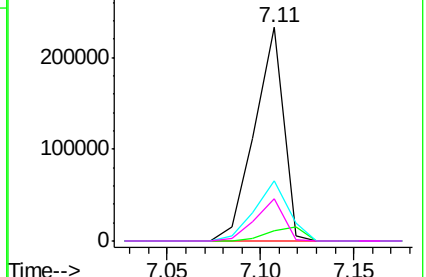
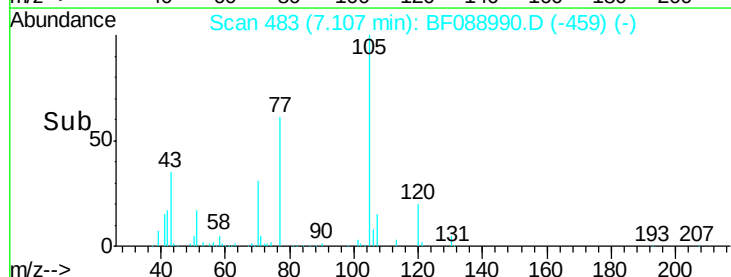


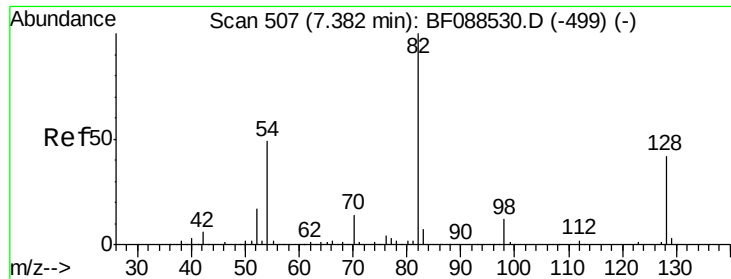
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

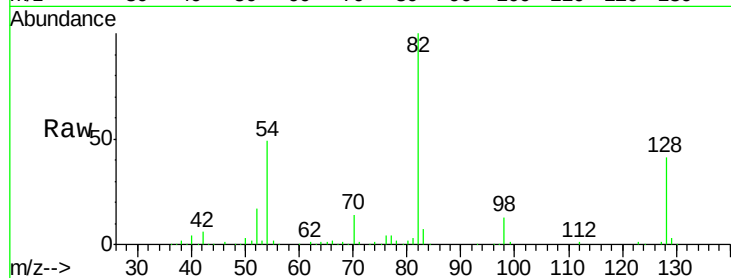




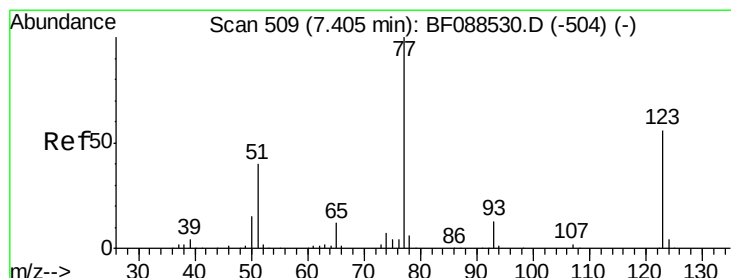
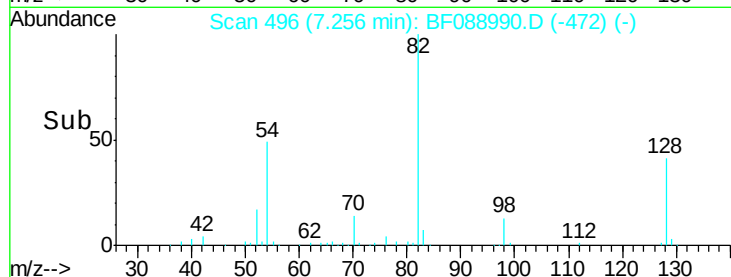
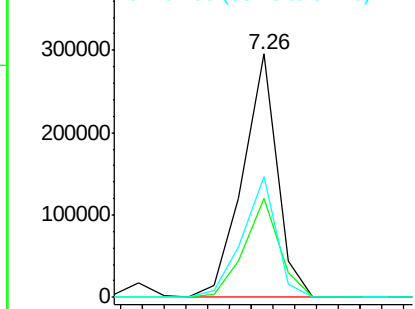
#23
 Nitrobenzene-d5
 Concen: 72.56 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	324786
Ion Ratio	100	Lower	Upper
128	40.8	35.9	53.9
54	49.4	40.9	61.3

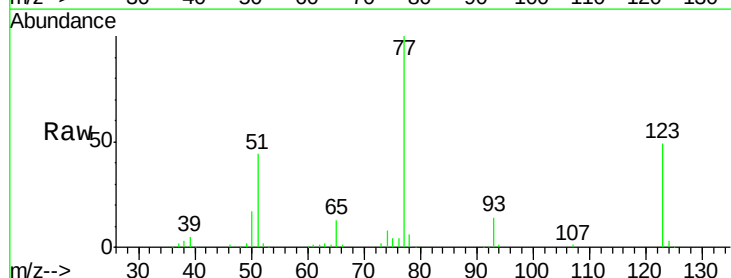


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

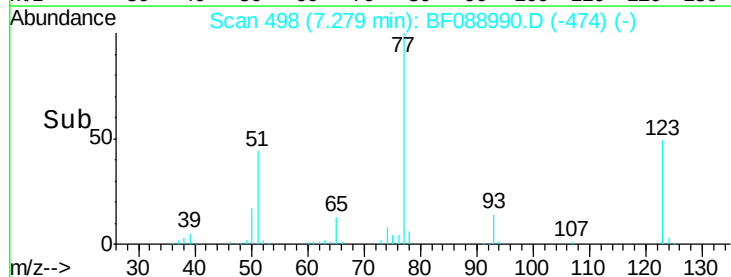
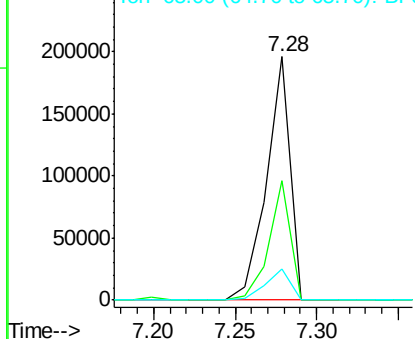


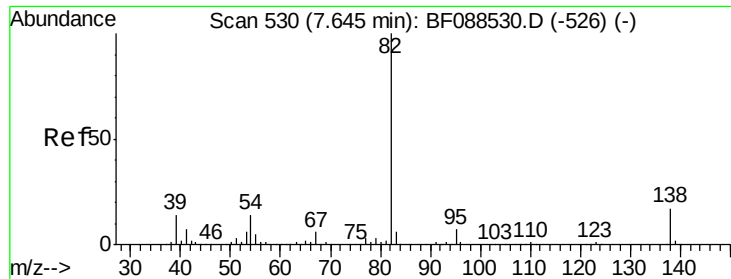
#24
 Nitrobenzene
 Concen: 43.61 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion	77	Resp	196794
Ion Ratio	100	Lower	Upper
123	49.1	45.0	67.4
65	12.8	10.2	15.2



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





#25

Isophorone

Concen: 36.76 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

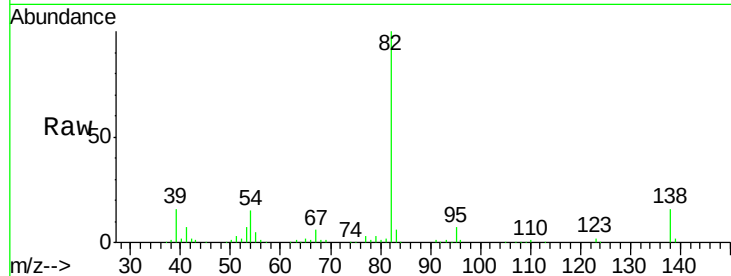
Tot Ion: 82 Resp: 304795

Ion Ratio Lower Upper

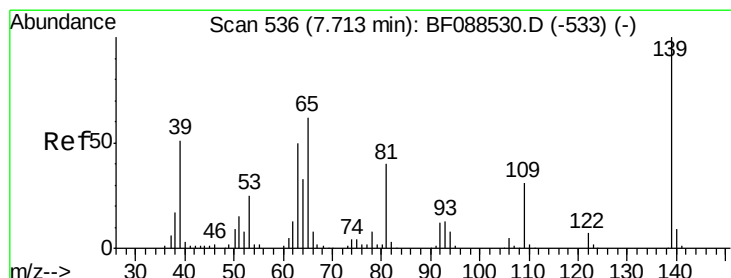
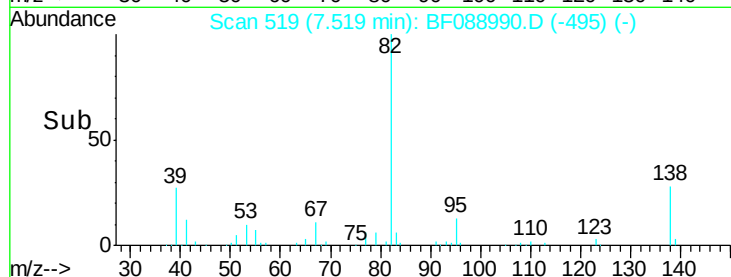
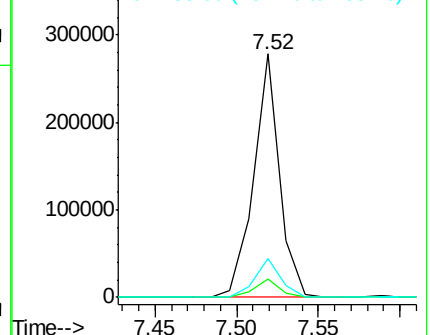
82 100

95 7.4 5.4 8.2

138 16.0 14.6 21.8



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: 41.00 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

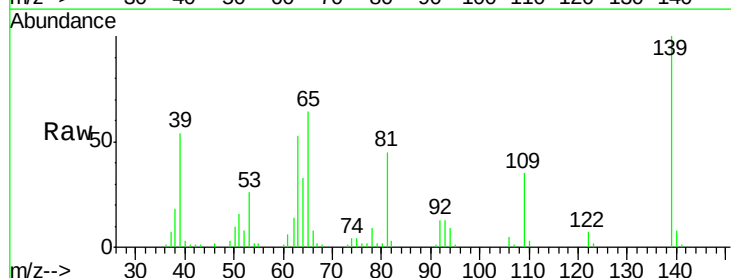
Tgt Ion: 139 Resp: 75875

Ion Ratio Lower Upper

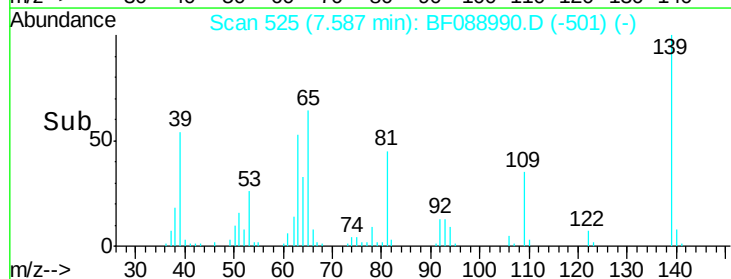
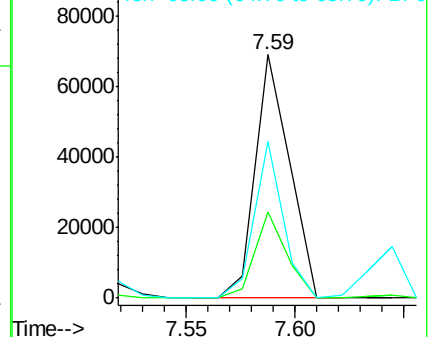
139 100

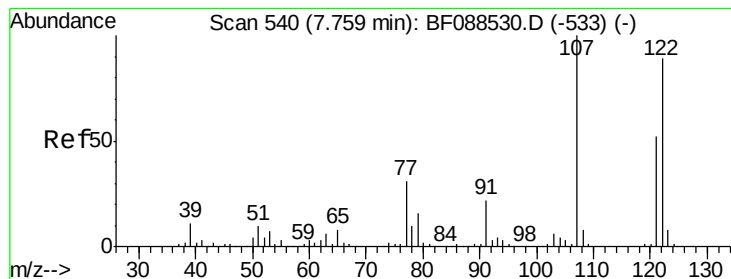
109 35.3 23.0 34.4#

65 64.1 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 39.98 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

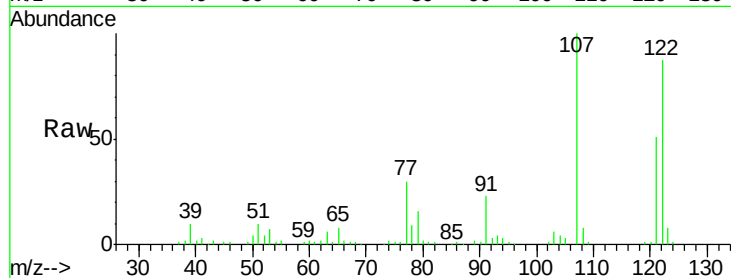
Tot Ion:122 Resp: 154099

Ion Ratio Lower Upper

122 100

107 115.0 82.4 123.6

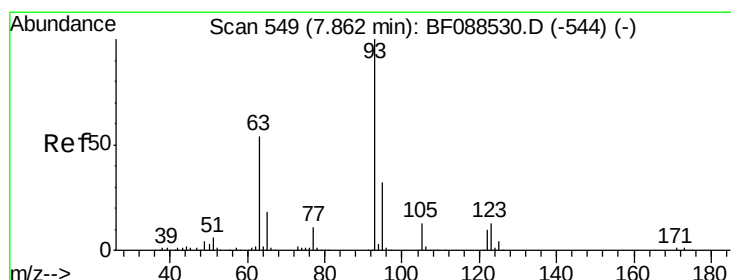
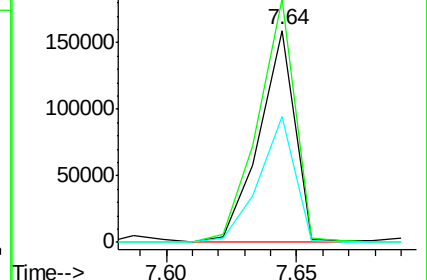
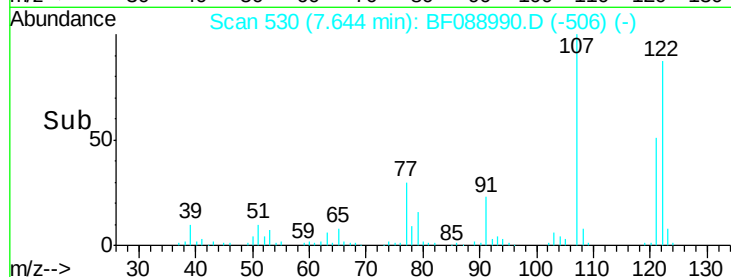
121 59.2 46.3 69.5



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: 39.50 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

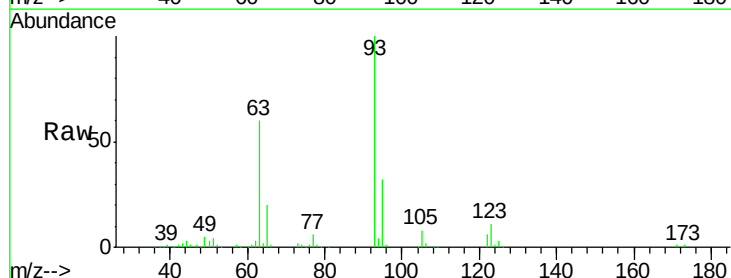
Tgt Ion: 93 Resp: 213105

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

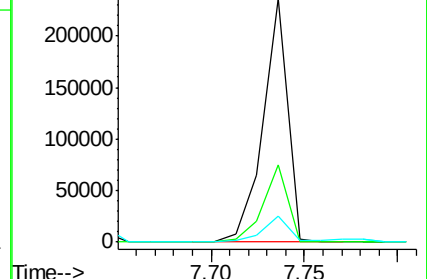
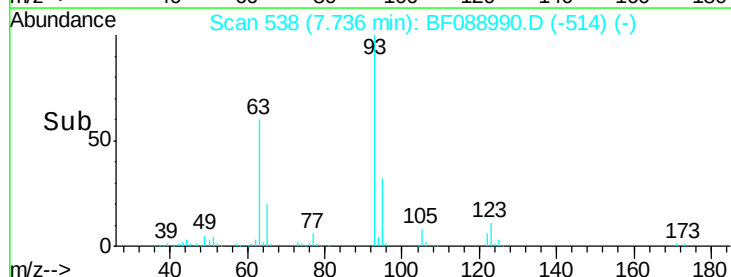
123 10.7 11.6 17.4#

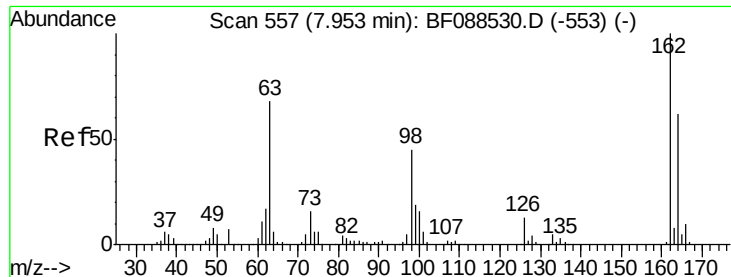


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

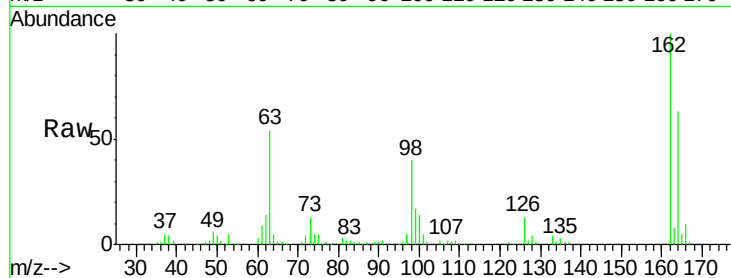




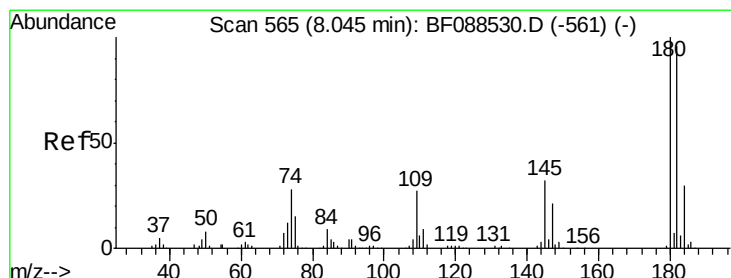
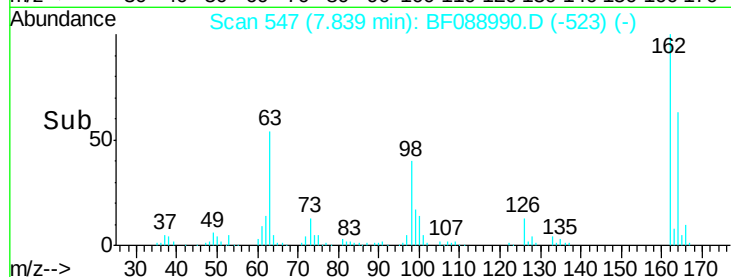
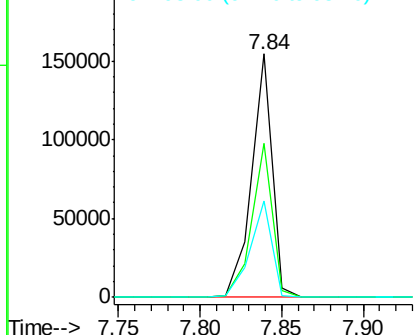
#29
 2,4-Dichlorophenol
 Concen: 43.57 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.8	83.8
98	39.7	21.3	61.3

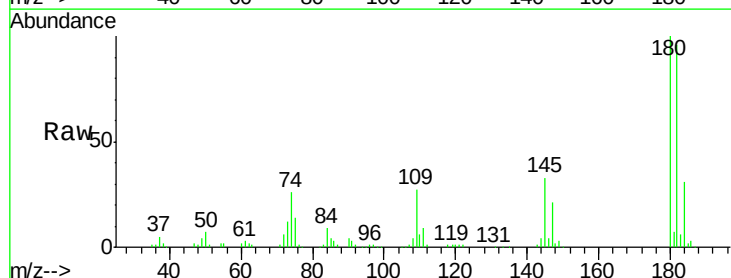


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

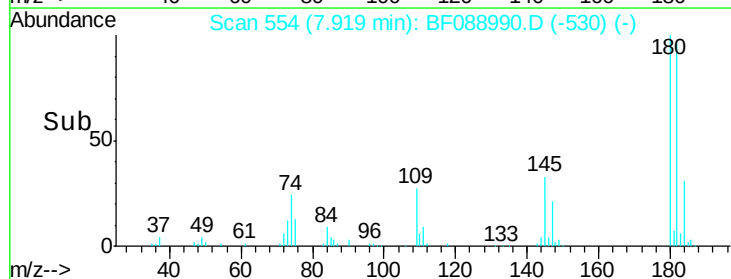
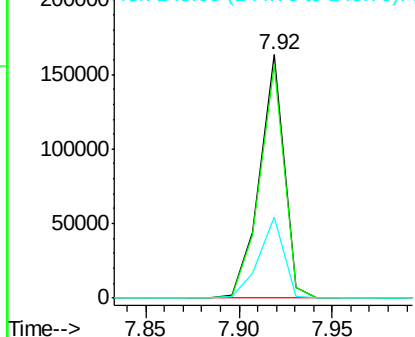


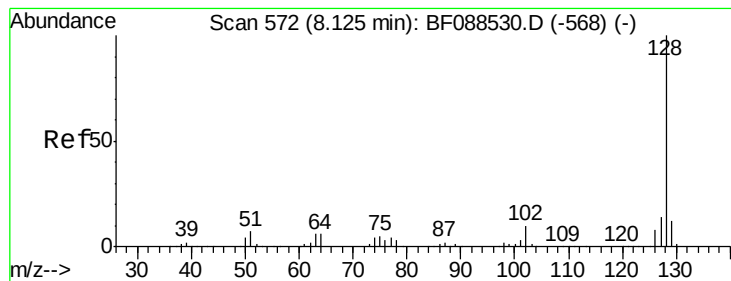
#30
 1,2,4-Trichlorobenzene
 Concen: 43.36 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	33.2	26.5	39.7



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: 44.07 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

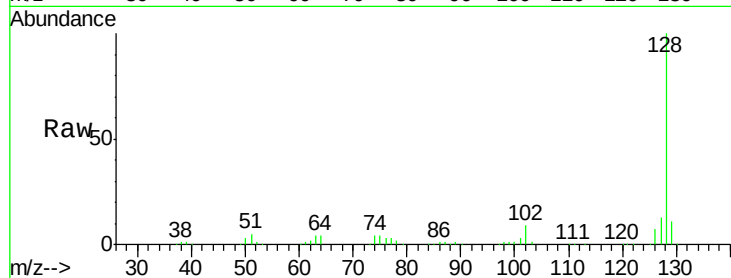
Tot Ion:128 Resp: 509648

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

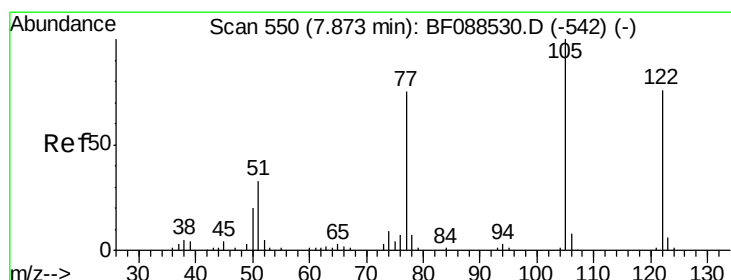
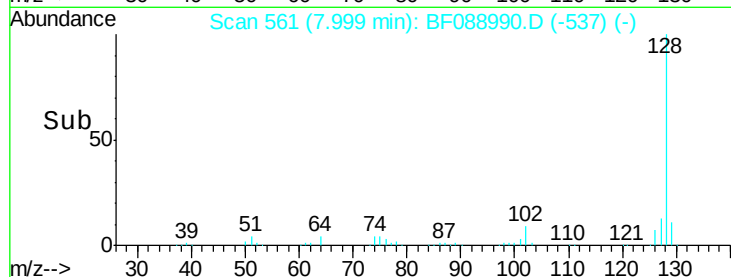
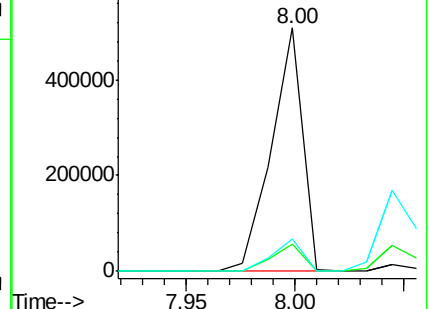
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.12 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

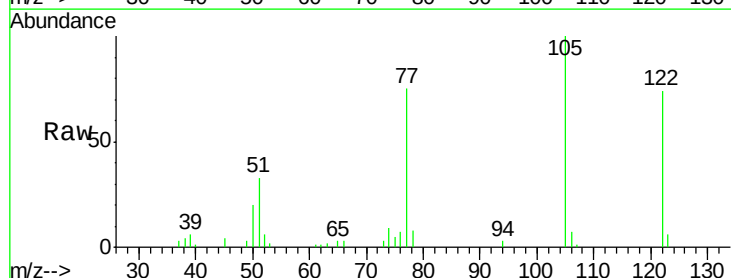
Tgt Ion:122 Resp: 103872

Ion Ratio Lower Upper

122 100

105 134.8 101.6 141.6

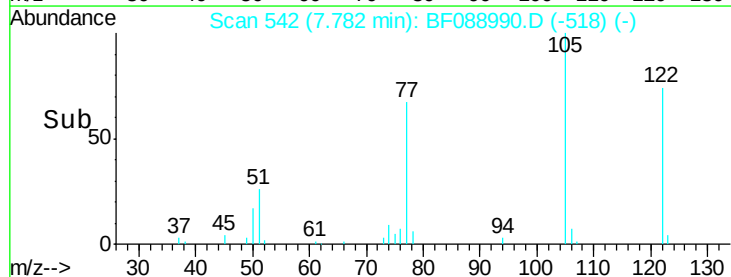
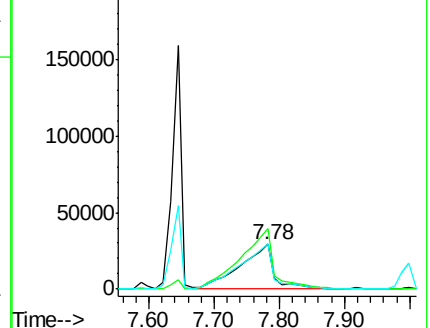
77 101.6 70.6 110.6

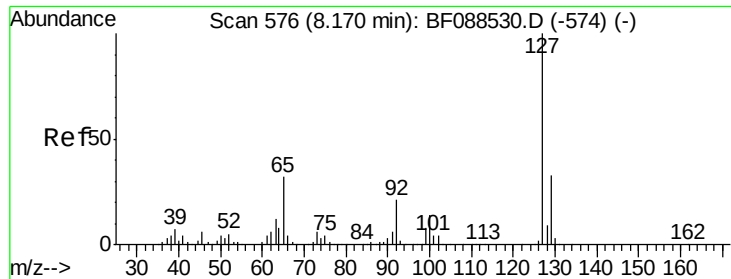


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

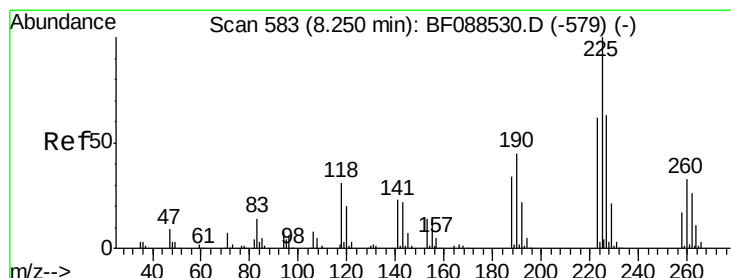
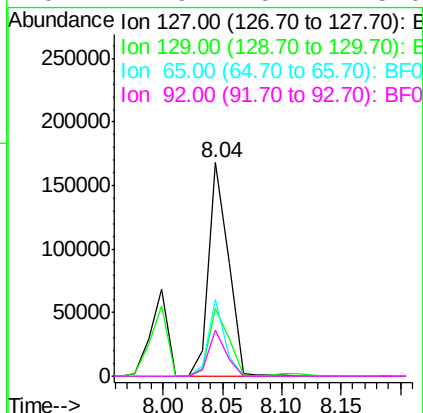
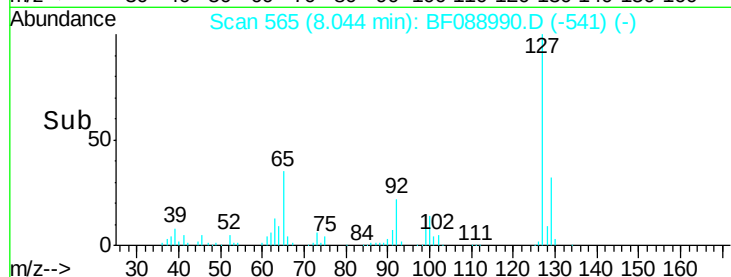
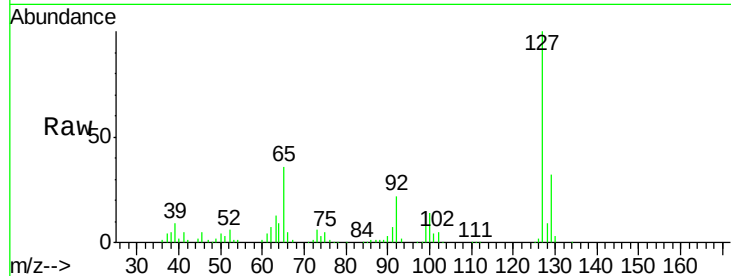




#33
4-Chloroaniline
Concen: 37.57 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

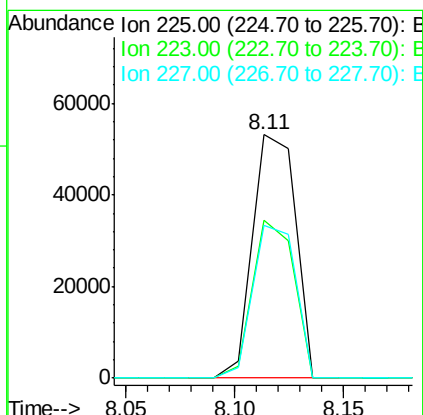
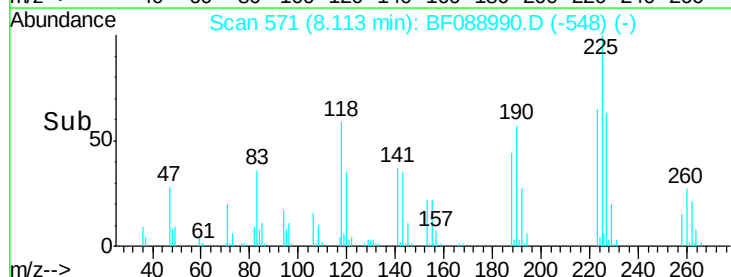
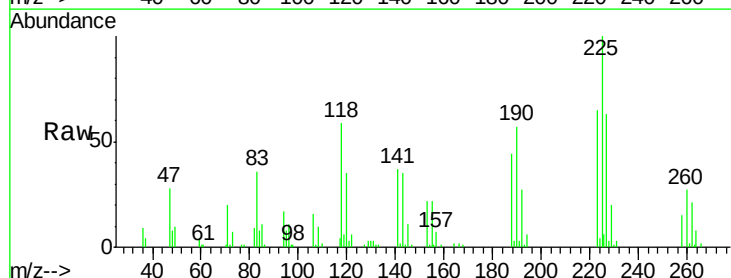
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

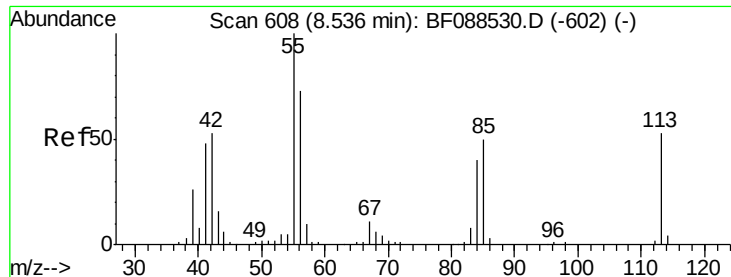
Tot Ion:	127	Resp:	193298
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	35.9	24.7	37.1
92	21.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 40.09 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Tgt Ion:	225	Resp:	73373
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.9	76.3
227	62.7	51.9	77.9





#35

Caprolactam

Concen: 36.28 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

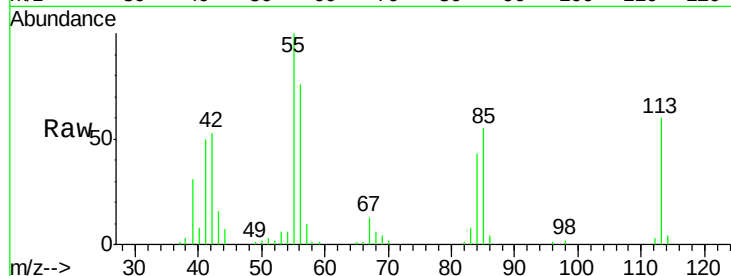
Tot Ion:113 Resp: 38383

Ion Ratio Lower Upper

113 100

55 166.0 158.6 198.6

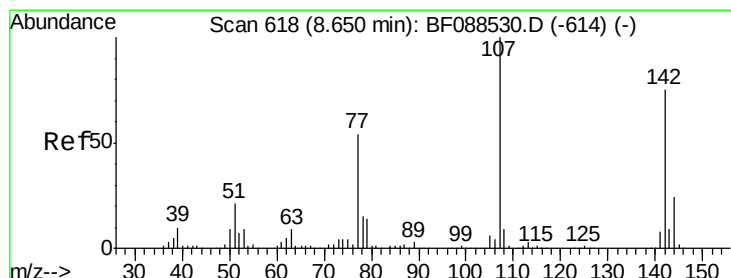
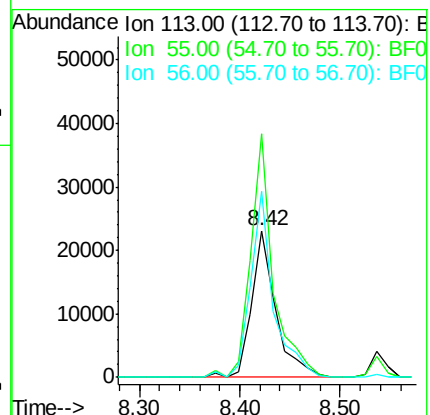
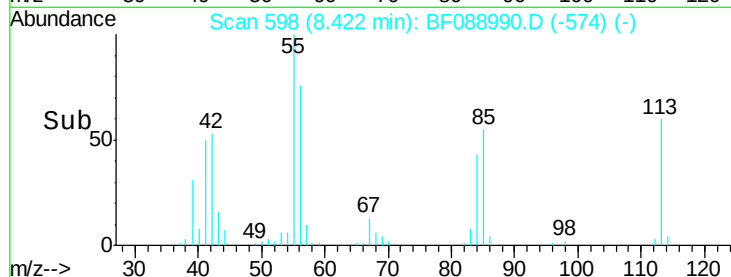
56 126.5 110.6 150.6



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: 38.78 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

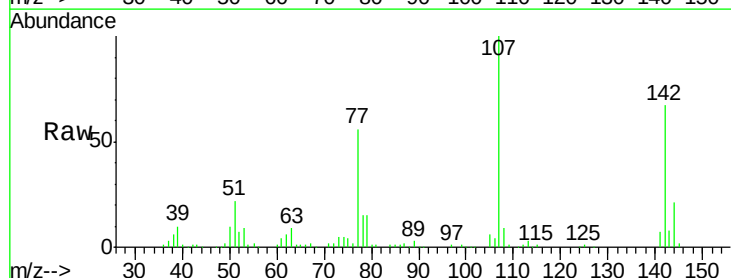
Tgt Ion:107 Resp: 142862

Ion Ratio Lower Upper

107 100

144 21.5 20.8 31.2

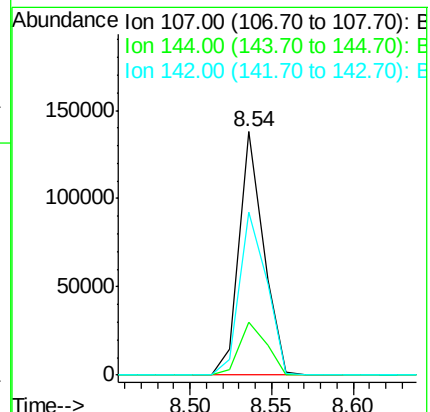
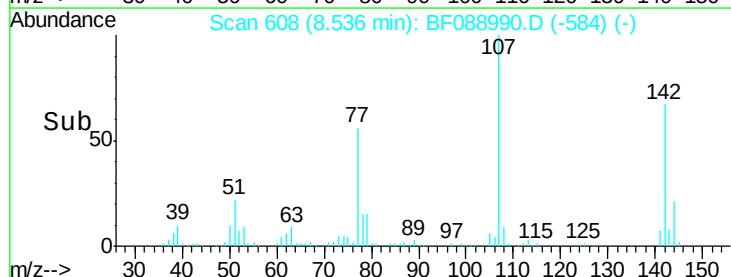
142 66.7 63.4 95.2

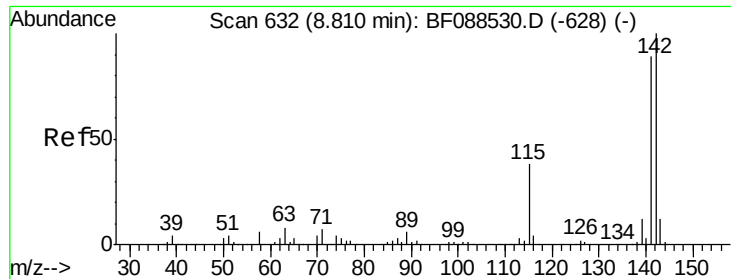


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

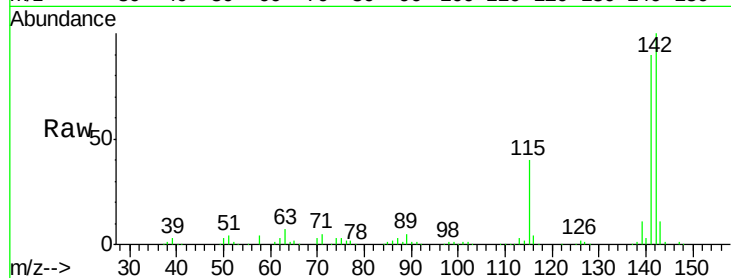




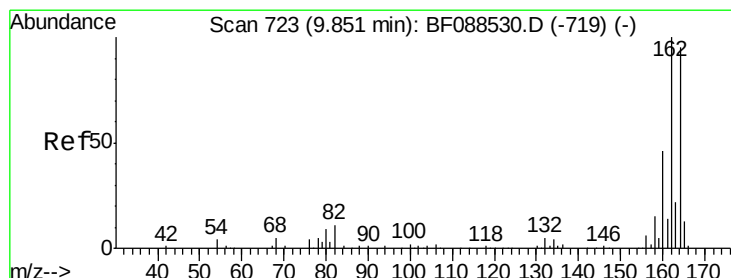
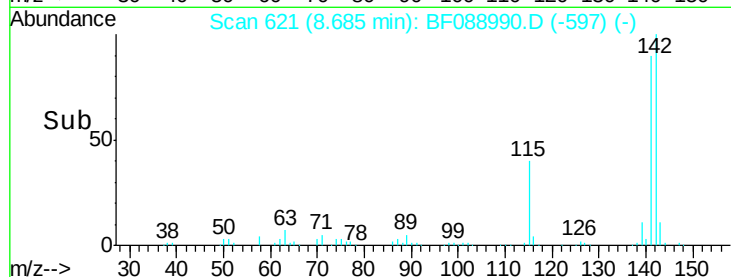
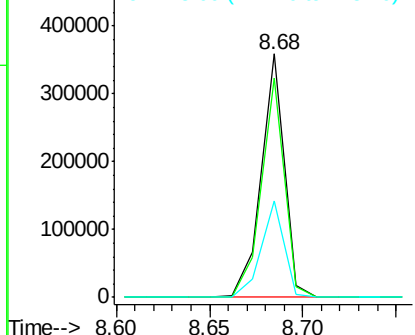
#37
 2-Methylnaphthalene
 Concen: 40.89 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 304417
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 39.6 22.6 33.8#

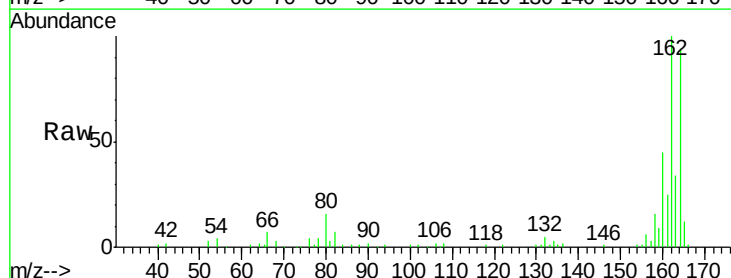


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

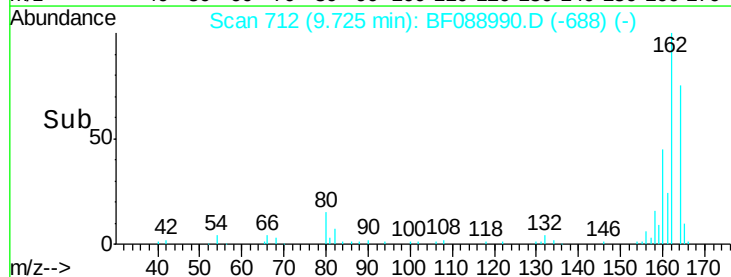
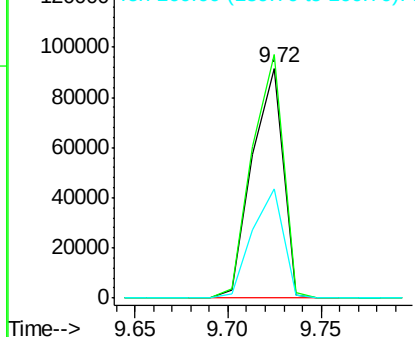


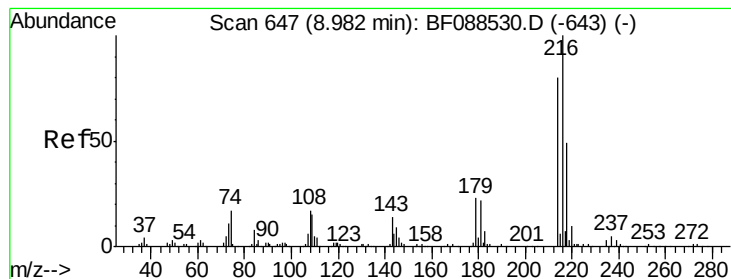
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion:164 Resp: 105406
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.4 128.2
 160 47.5 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.66 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 170588

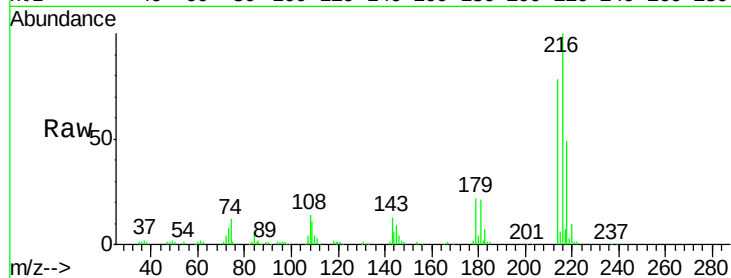
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 23.1 0.0 0.0#

108 19.2 0.5 0.7#

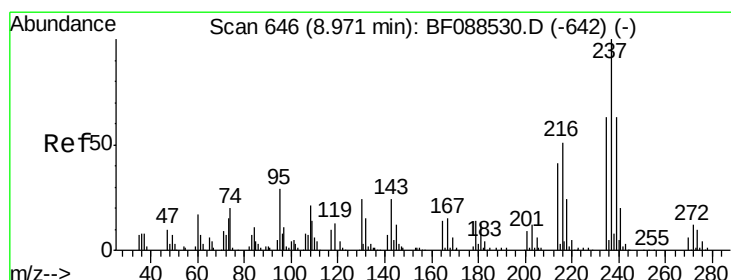
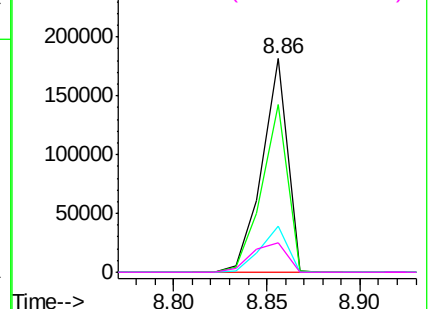
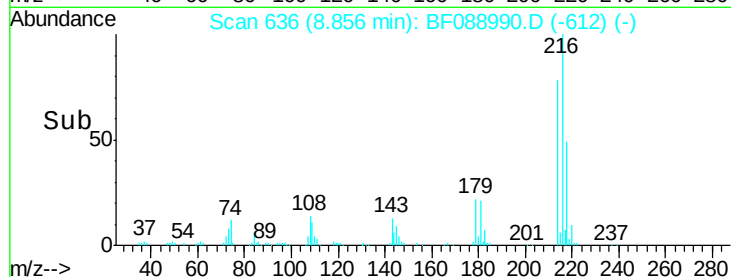


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.80 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

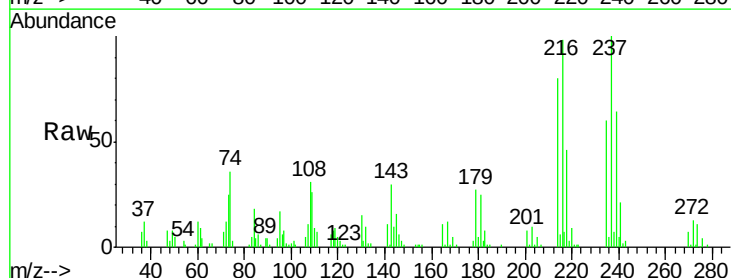
Tgt Ion:237 Resp: 58157

Ion Ratio Lower Upper

237 100

235 59.6 43.4 83.4

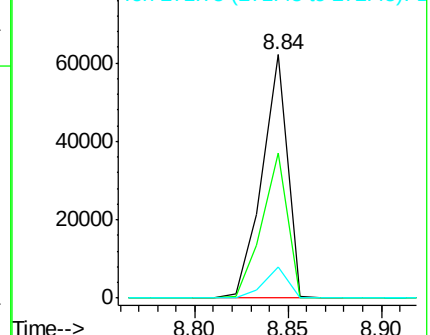
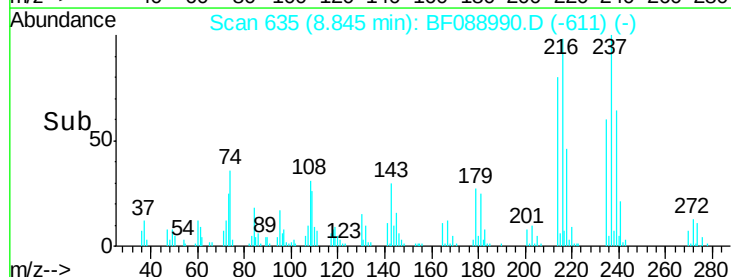
272 12.9 0.0 32.3

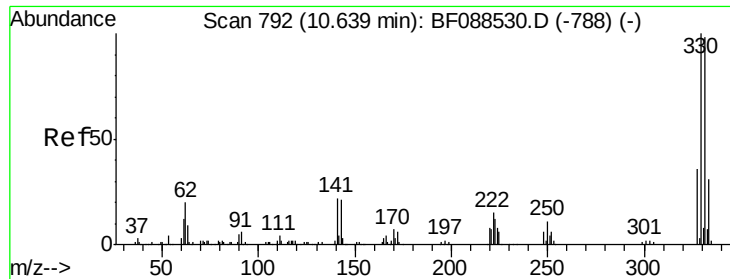


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

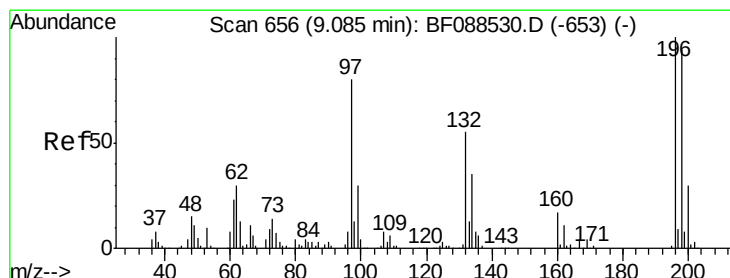
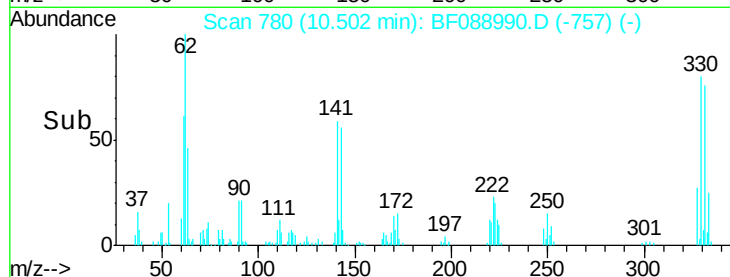
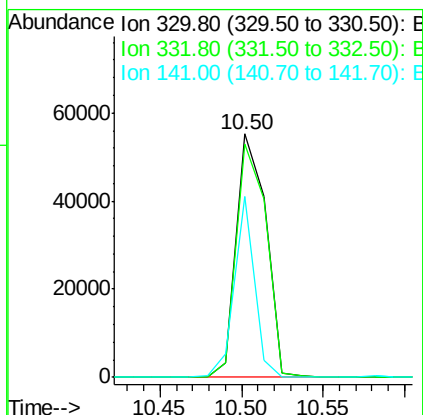
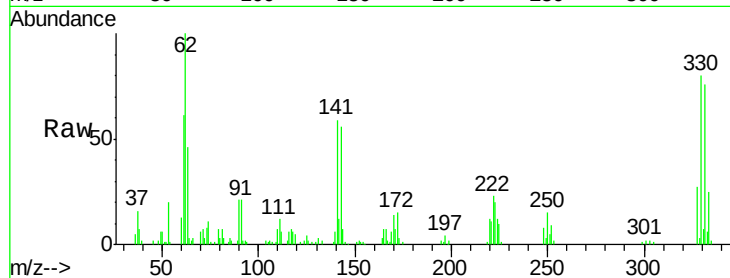




#41
 2,4,6-Tribromophenol
 Concen: 70.75 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

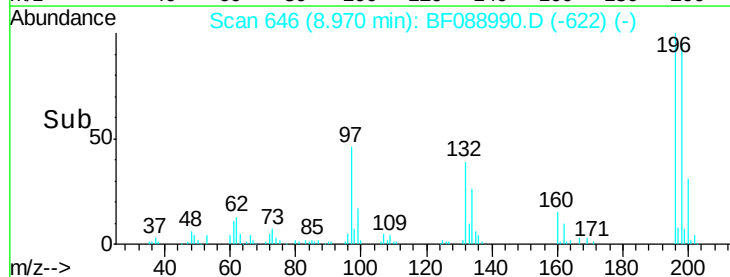
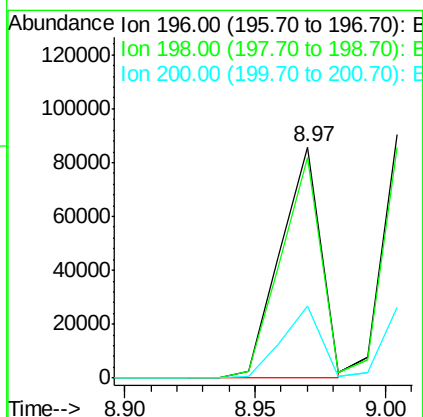
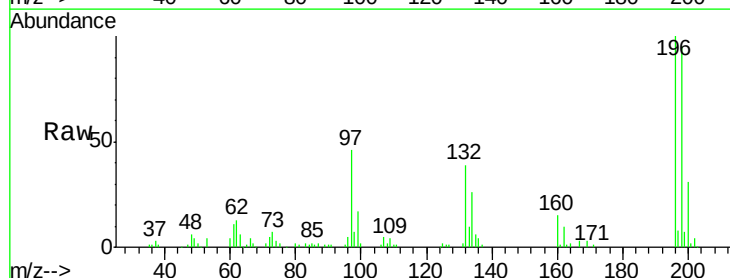
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

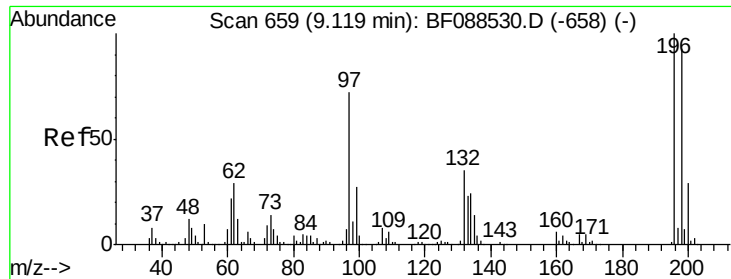
Tot Ion:330 Resp: 69252
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 50.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.10 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion:196 Resp: 92690
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.0 117.0
 200 31.1 25.4 38.2

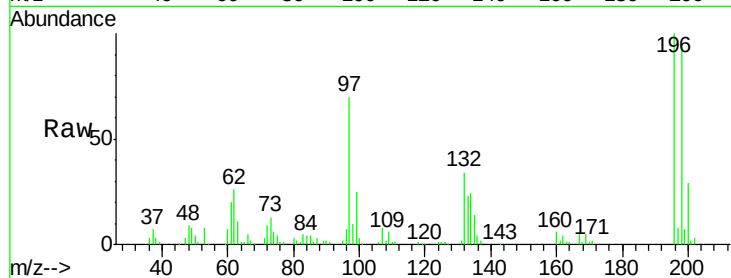




#43
 2,4,5-Trichlorophenol
 Concen: 44.58 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.5	116.3
97	69.5	32.0	48.0
132	34.5	20.9	31.3



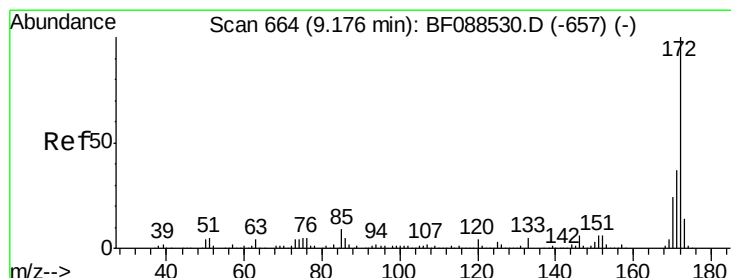
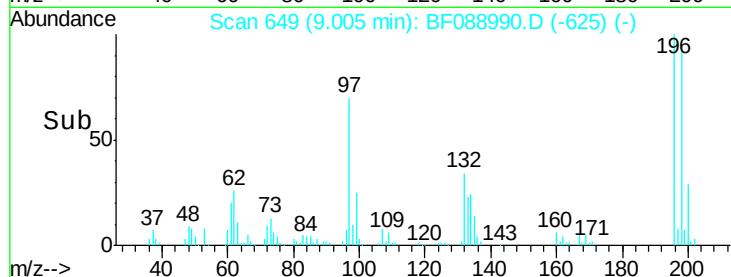
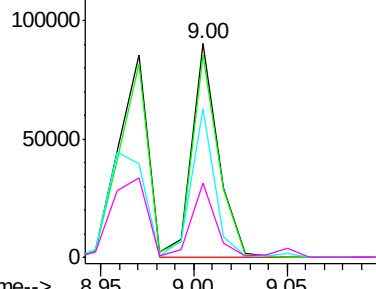
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

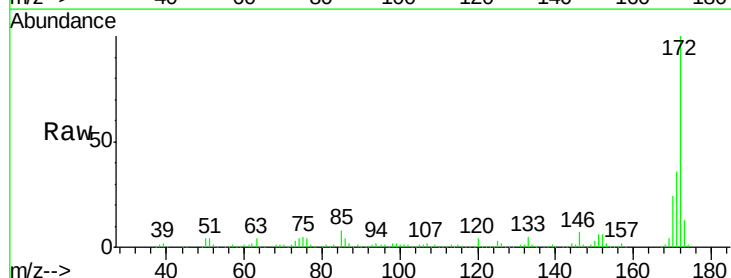
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.11 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.0	19.2	28.8

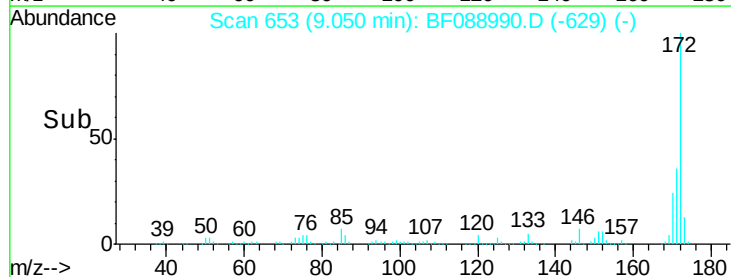
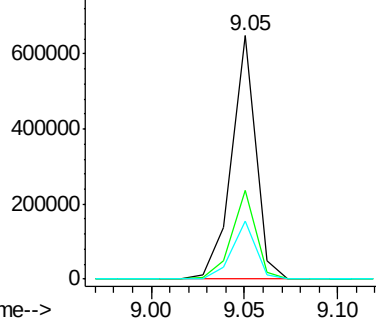


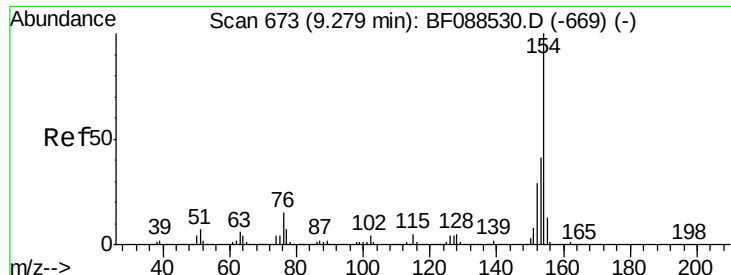
Abundance

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: 46.28 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

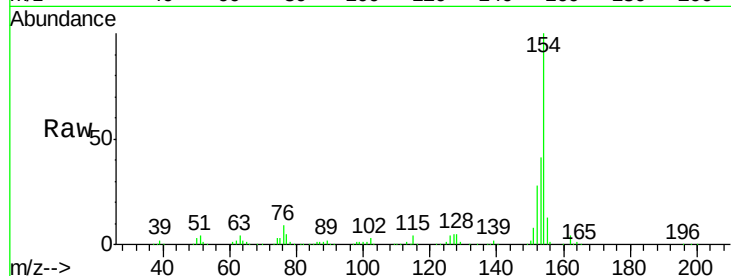
Tot Ion:154 Resp: 403951

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

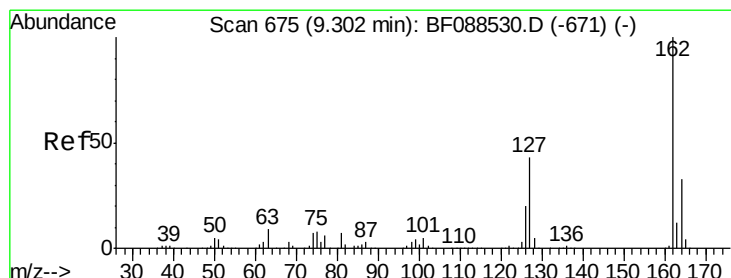
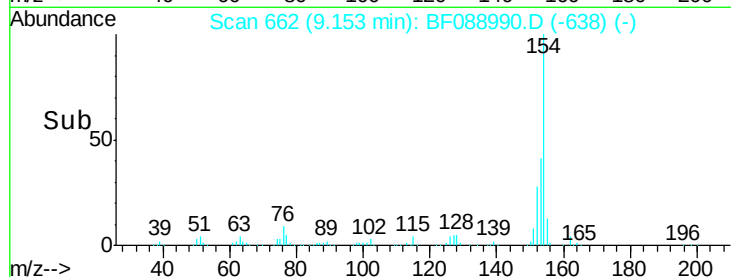
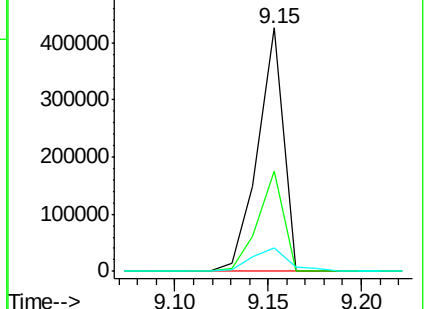
76 9.4 0.0 35.1



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: 42.29 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

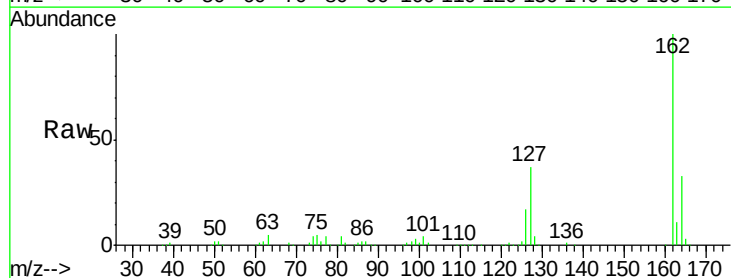
Tgt Ion:162 Resp: 289797

Ion Ratio Lower Upper

162 100

127 36.6 35.2 52.8

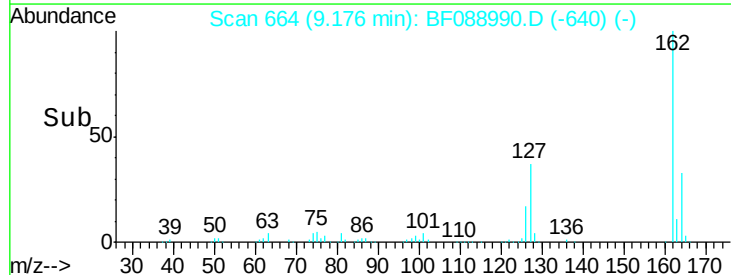
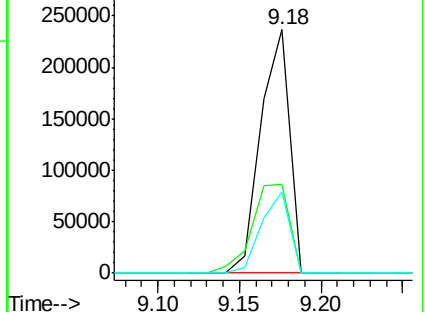
164 33.2 26.6 39.8

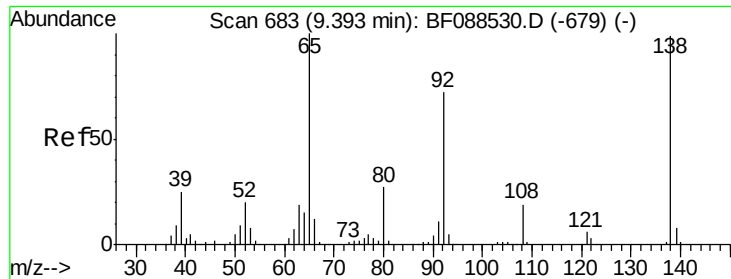


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

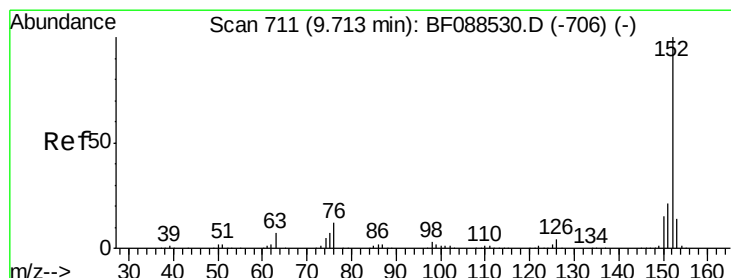
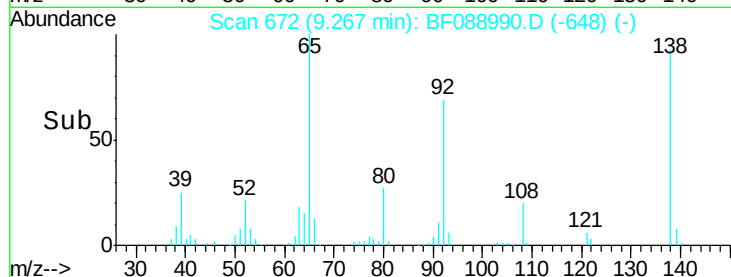
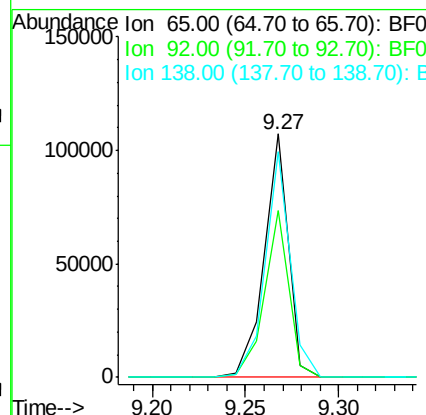
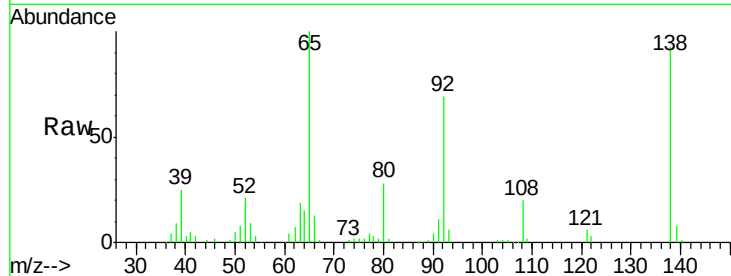




#47
2-Nitroaniline
Concen: 39.23 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

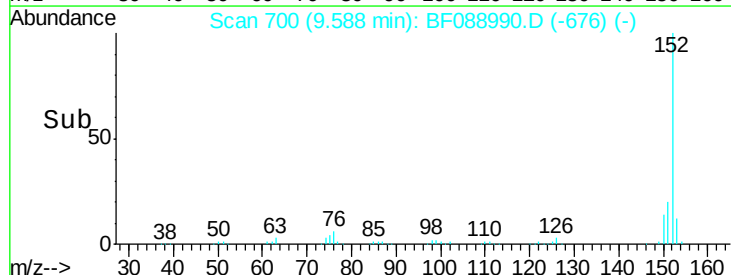
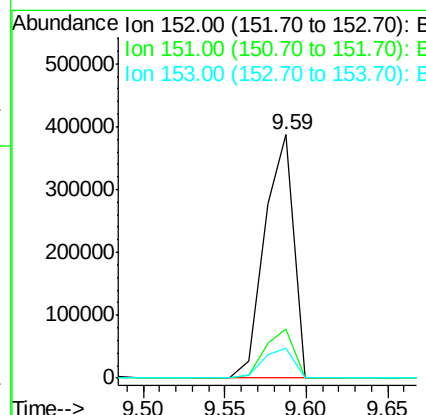
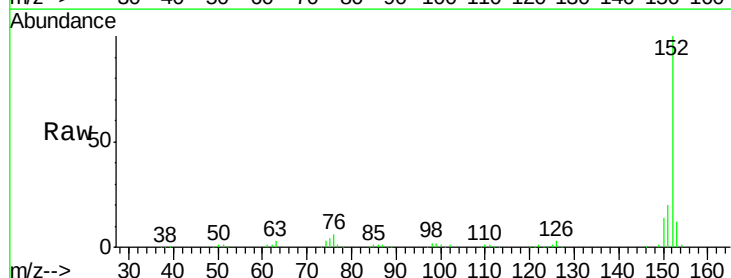
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

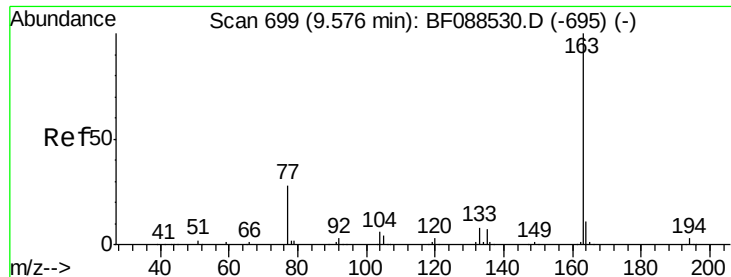
Tot Ion: 65 Resp: 95387
Ion Ratio Lower Upper
65 100
92 68.8 54.6 82.0
138 92.7 77.0 115.4



#48
Acenaphthylene
Concen: 43.62 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Tgt Ion: 152 Resp: 475613
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.4 11.0 16.6

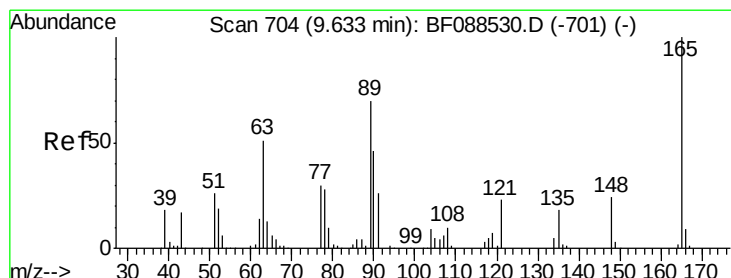
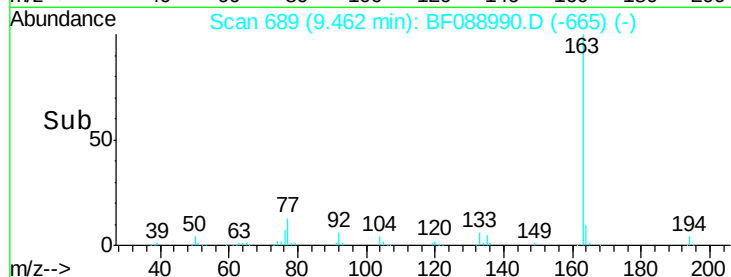
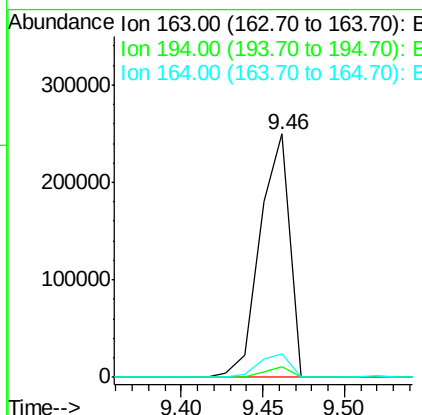
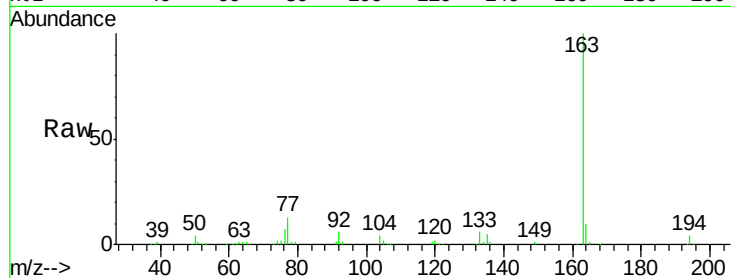




#49
Dimethylphthalate
Concen: 41.93 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

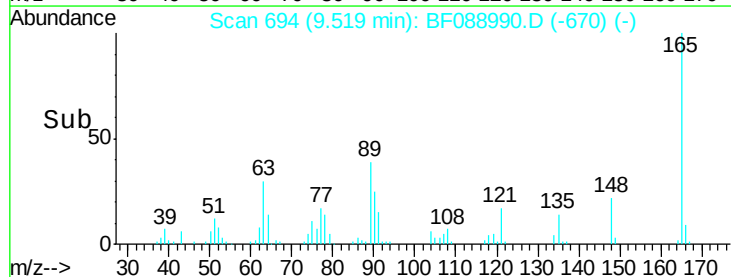
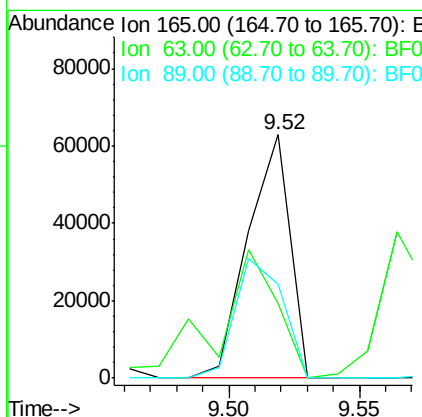
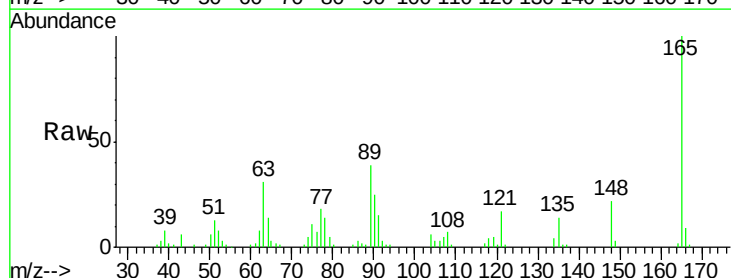
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

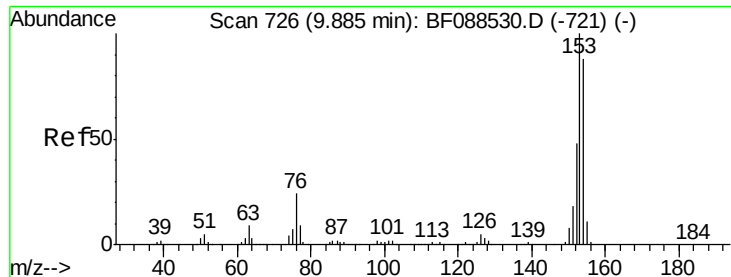
Tot Ion:163 Resp: 314855
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 42.86 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Tgt Ion:165 Resp: 71336
Ion Ratio Lower Upper
165 100
63 30.6 28.1 42.1
89 38.7 32.2 48.2





#51

Acenaphthene

Concen: 44.93 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

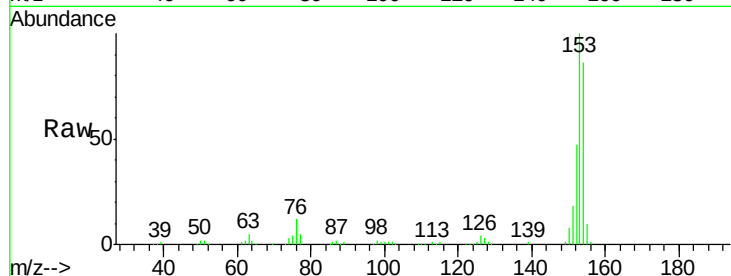
Tot Ion:154 Resp: 300291

Ion Ratio Lower Upper

154 100

153 116.3 89.5 134.3

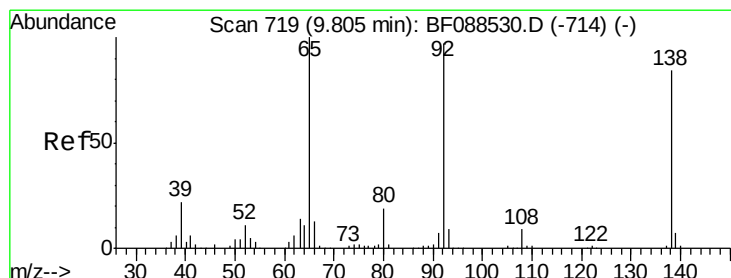
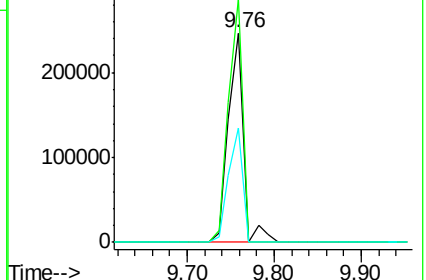
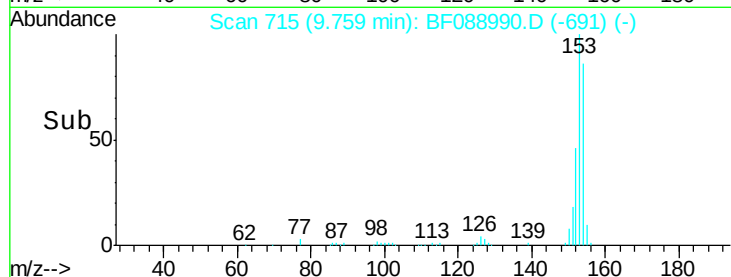
152 54.7 42.7 64.1



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: 37.83 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

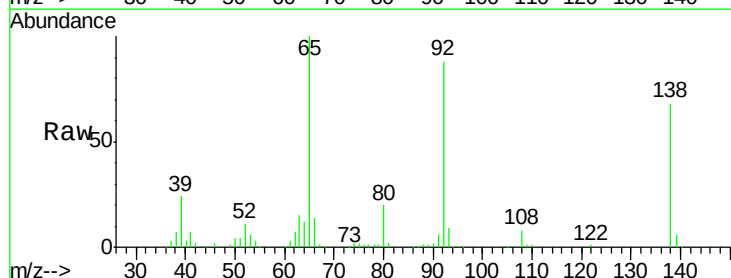
Tgt Ion:138 Resp: 80043

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

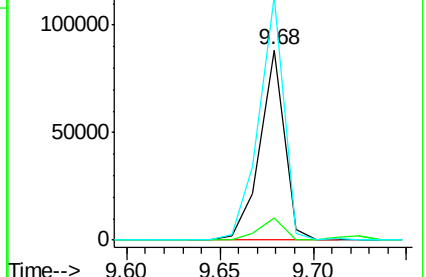
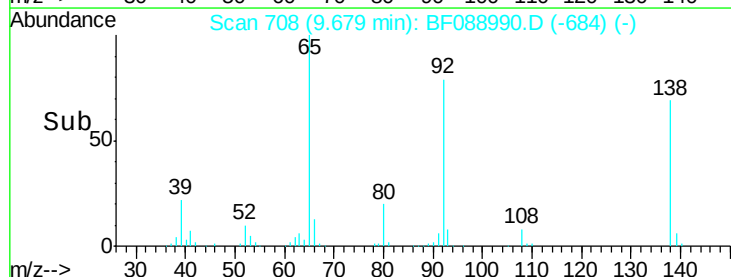
92 128.1 95.7 143.5

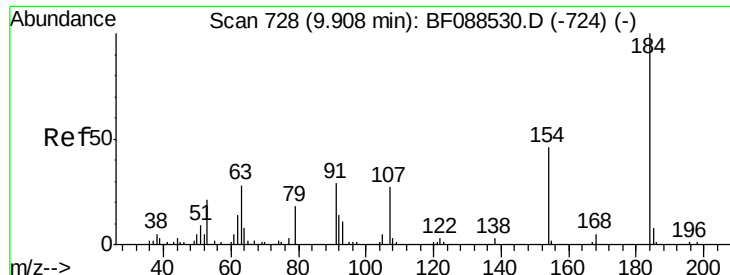


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

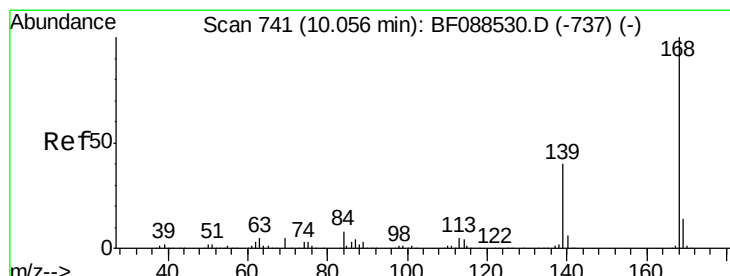
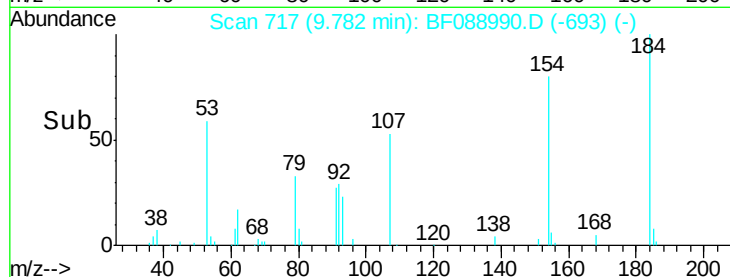
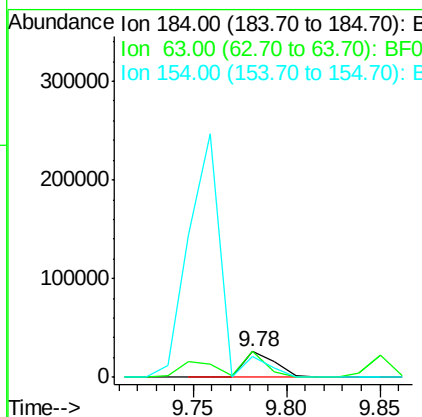
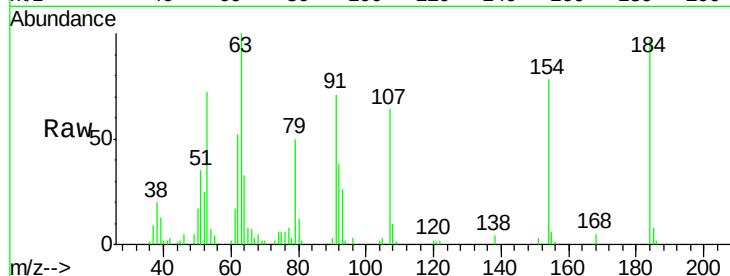




#53
 2,4-Dinitrophenol
 Concen: 41.11 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

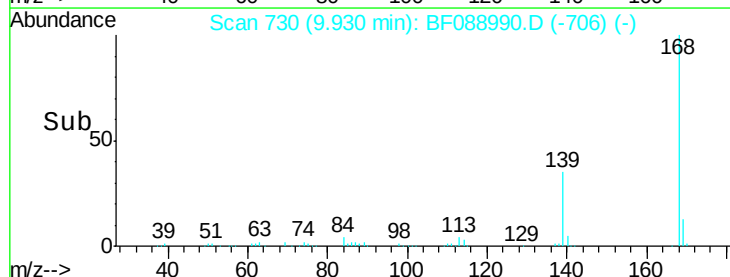
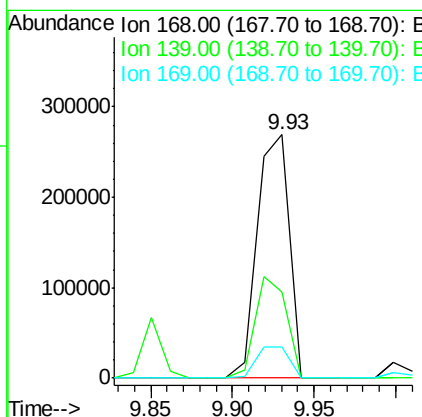
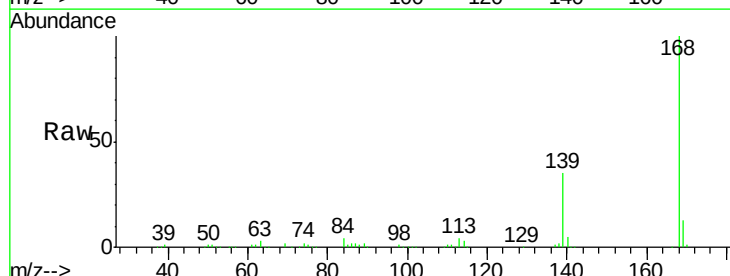
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

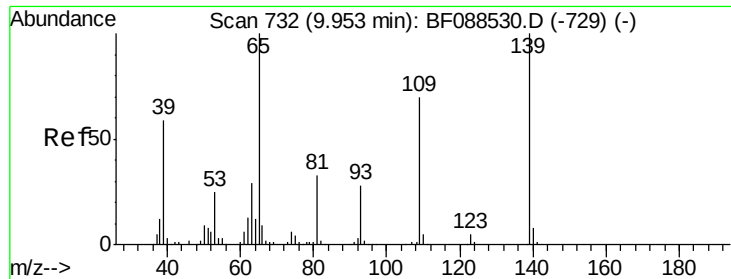
Tot Ion:184 Resp: 30213
 Ion Ratio Lower Upper
 184 100
 63 102.6 57.6 86.4#
 154 80.0 53.5 80.3



#54
 Dibenzofuran
 Concen: 41.71 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion:168 Resp: 364828
 Ion Ratio Lower Upper
 168 100
 139 35.3 26.4 39.6
 169 12.6 10.4 15.6





#55

4-Nitrophenol

Concen: 35.79 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

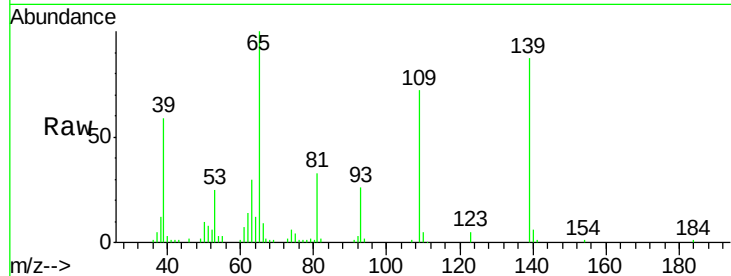
Tot Ion:139 Resp: 57551

Ion Ratio Lower Upper

139 100

109 82.0 48.9 88.9

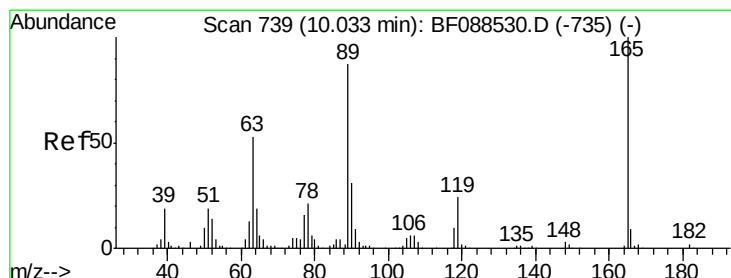
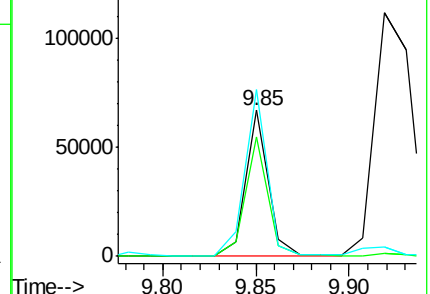
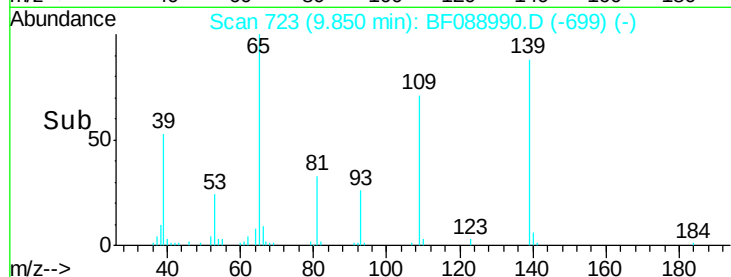
65 114.3 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.45 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Tgt Ion:165 Resp: 98901

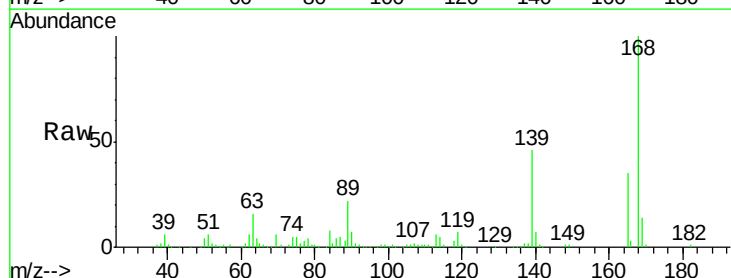
Ion Ratio Lower Upper

165 100

63 45.3 22.0 33.0#

89 61.5 41.1 61.7

182 2.6 2.0 3.0

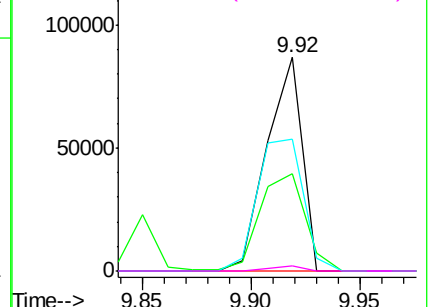
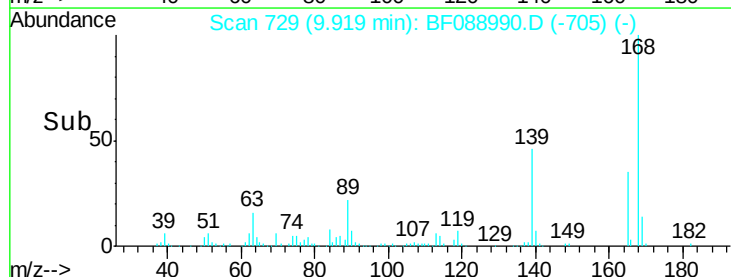


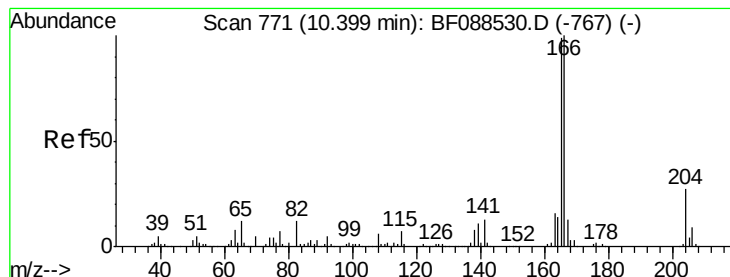
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.81 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

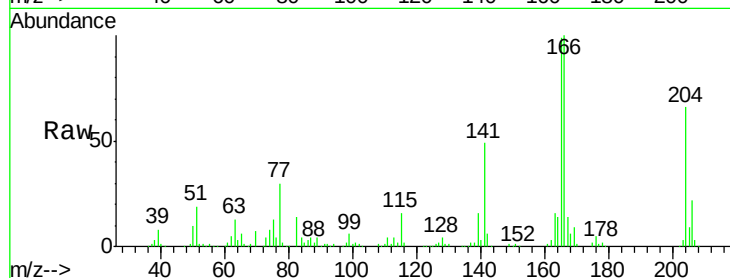
Tot Ion:166 Resp: 275124

Ion Ratio Lower Upper

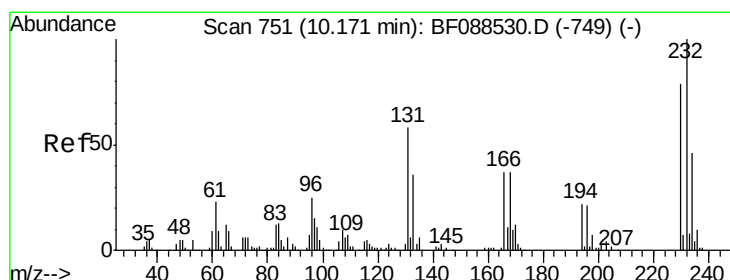
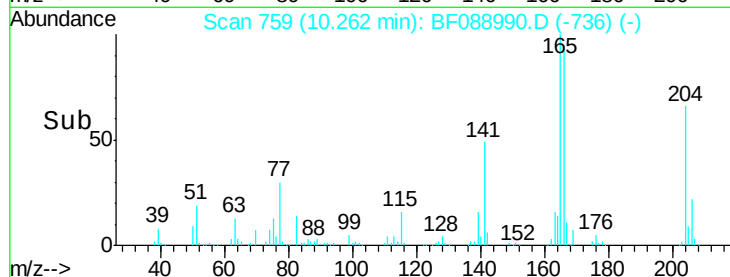
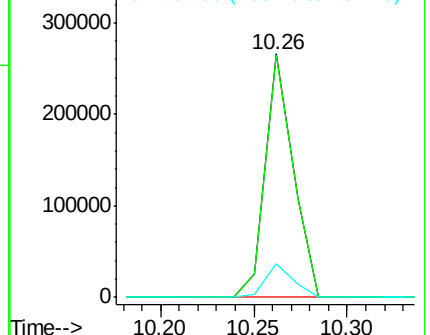
166 100

165 99.4 77.8 116.8

167 13.6 11.2 16.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.88 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Tgt Ion:232 Resp: 62904

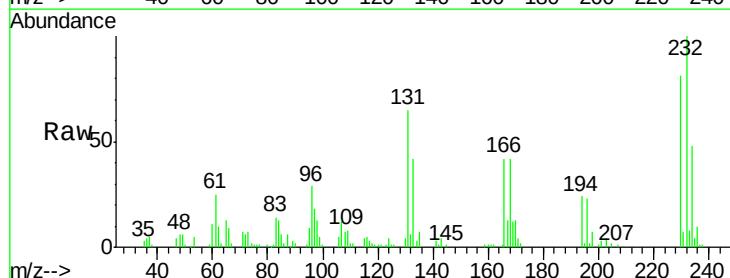
Ion Ratio Lower Upper

232 100

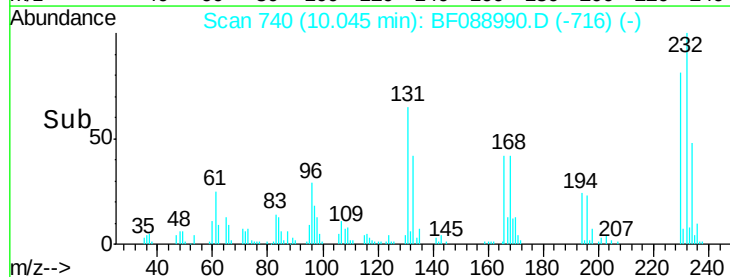
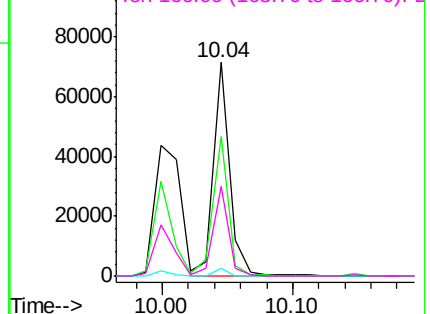
131 61.9 0.9 1.3#

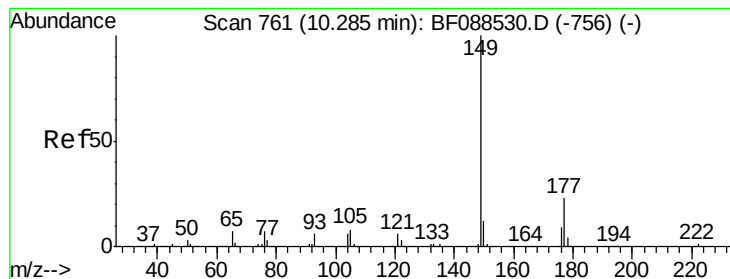
130 2.8 1.5 2.3#

166 39.1 0.5 0.7#



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: 40.11 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

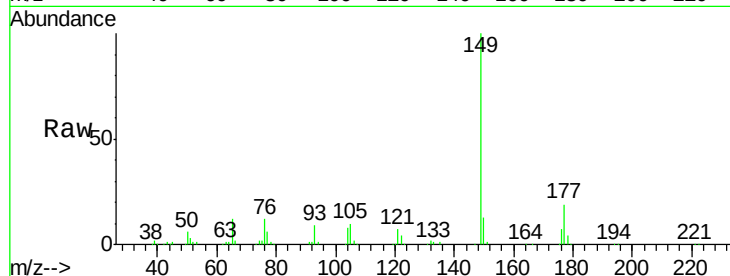
Tot Ion:149 Resp: 302312

Ion Ratio Lower Upper

149 100

177 19.1 16.9 25.3

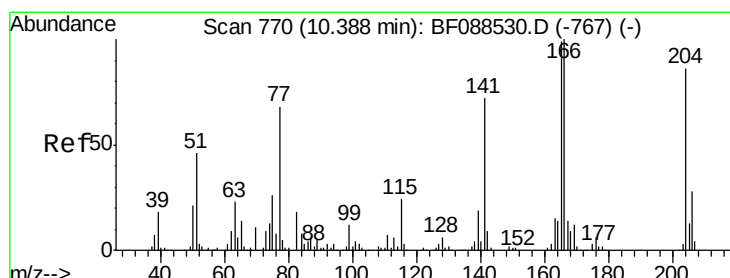
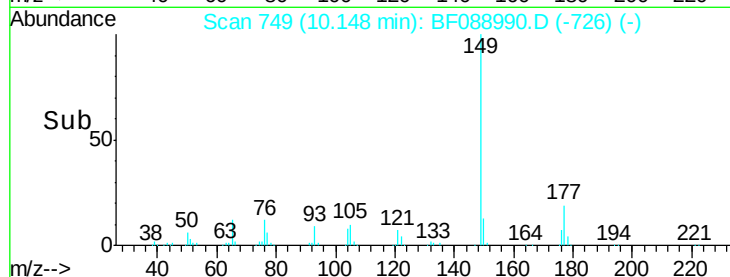
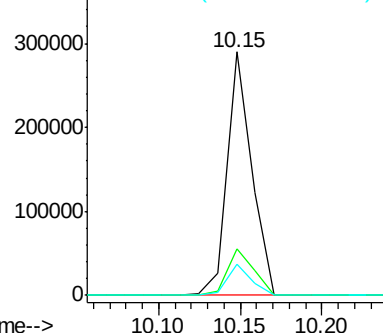
150 12.6 10.1 15.1



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: 44.52 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

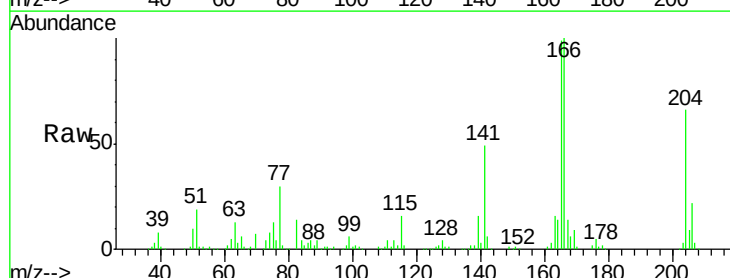
Tgt Ion:204 Resp: 139448

Ion Ratio Lower Upper

204 100

206 33.2 26.3 39.5

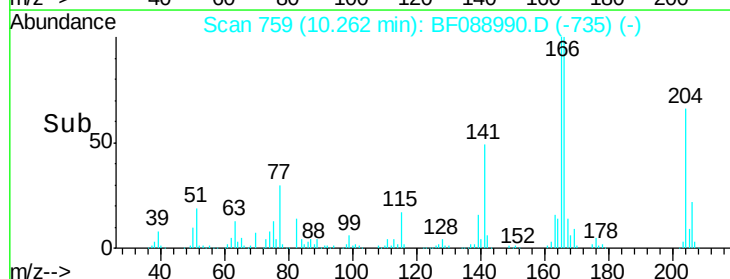
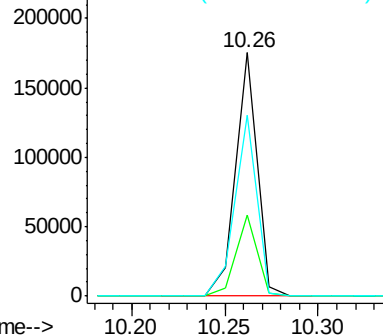
141 74.2 55.0 82.6

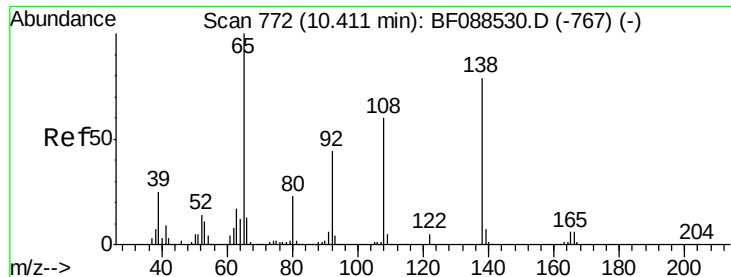


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.29 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

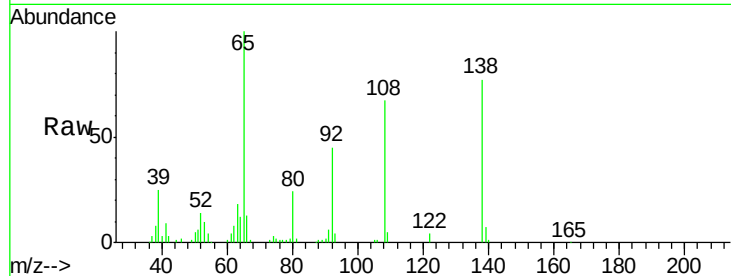
Tot Ion:138 Resp: 86093

Ion Ratio Lower Upper

138 100

92 58.3 27.3 67.3

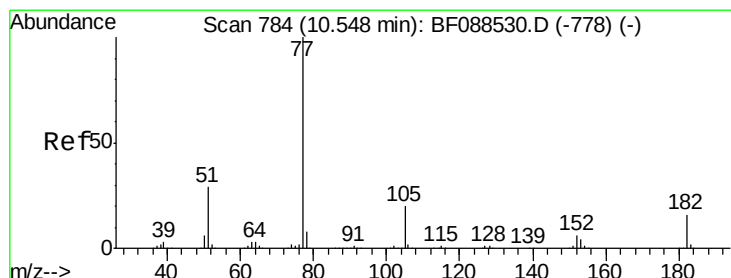
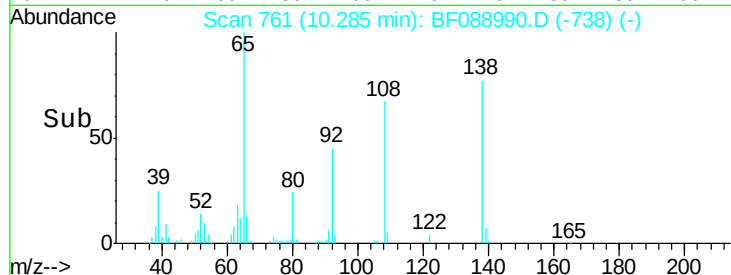
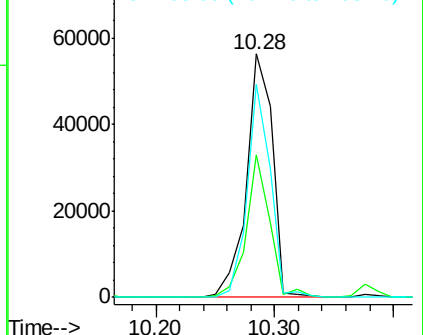
108 87.3 46.7 86.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.17 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Tgt Ion: 77 Resp: 362497

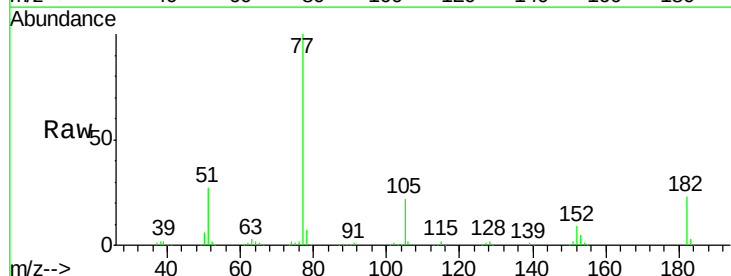
Ion Ratio Lower Upper

77 100

182 22.9 4.4 44.4

105 21.9 3.8 43.8

51 26.6 9.3 49.3

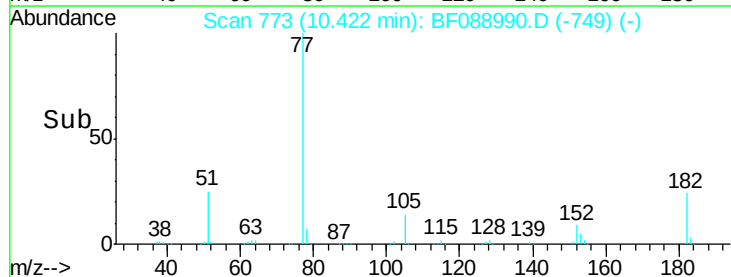
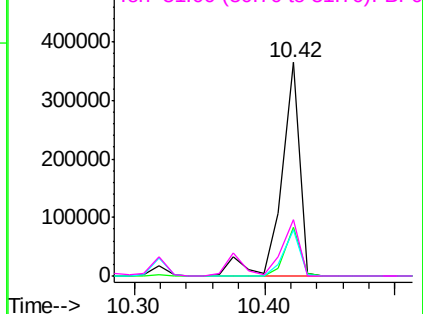


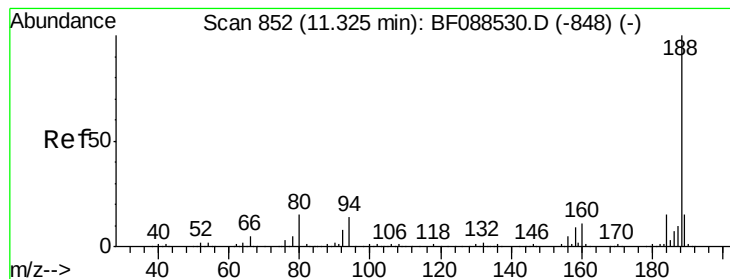
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

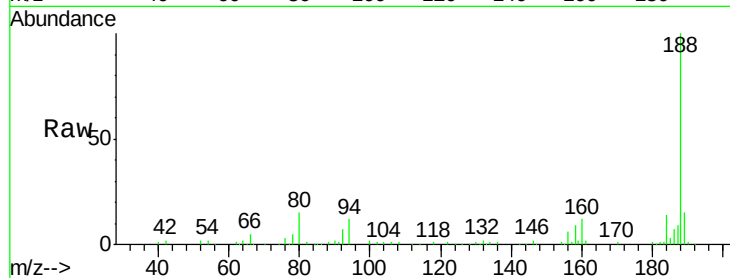
Tot Ion:188 Resp: 196120

Ion Ratio Lower Upper

188 100

94 12.5 9.0 13.6

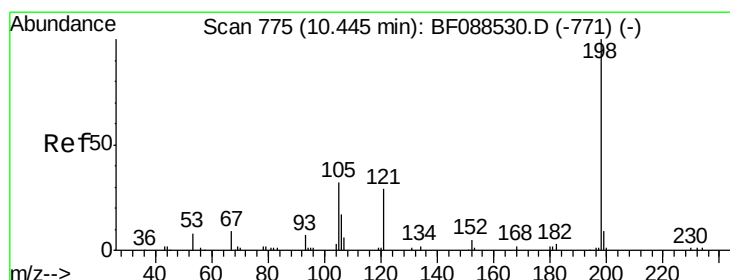
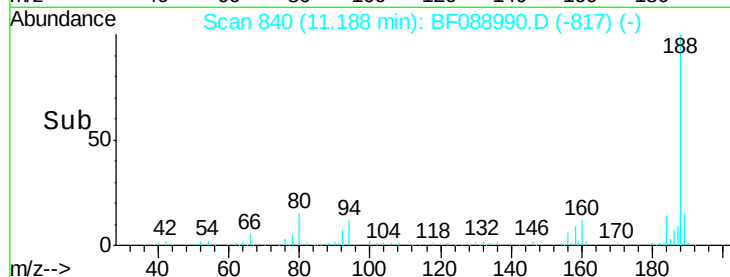
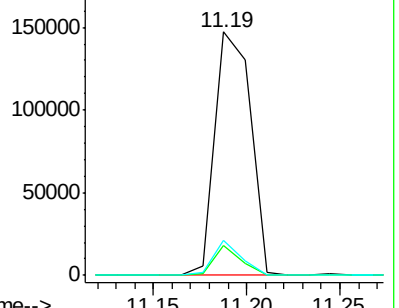
80 14.6 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.69 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

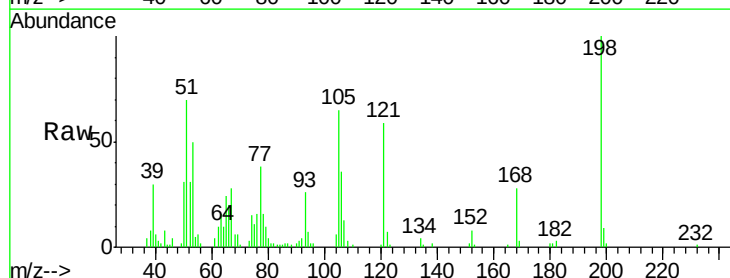
Tgt Ion:198 Resp: 43736

Ion Ratio Lower Upper

198 100

51 69.6 39.6 79.6

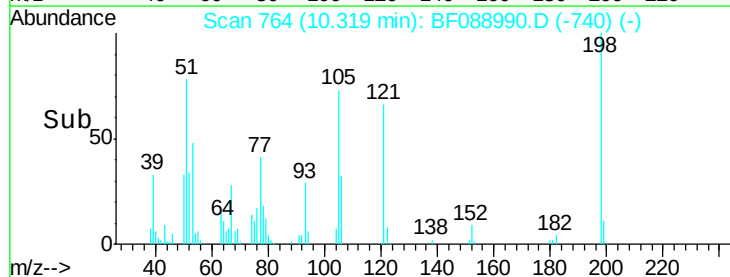
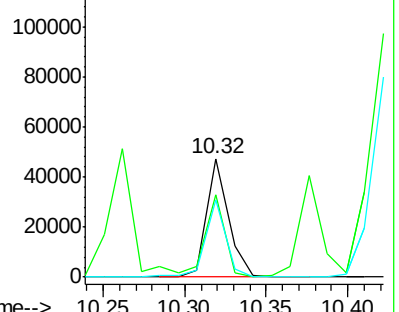
105 64.7 36.6 76.6

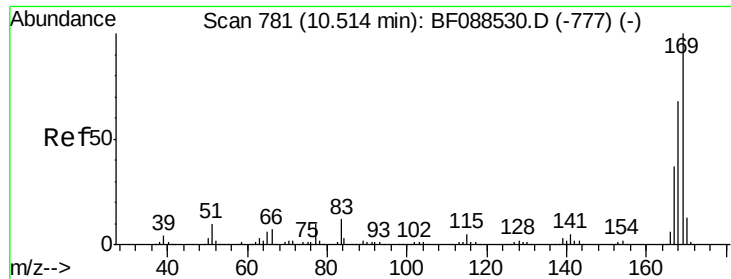


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

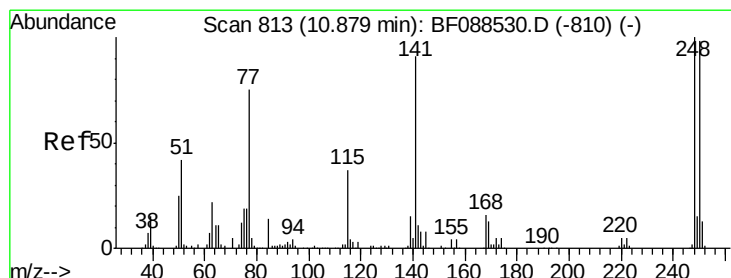
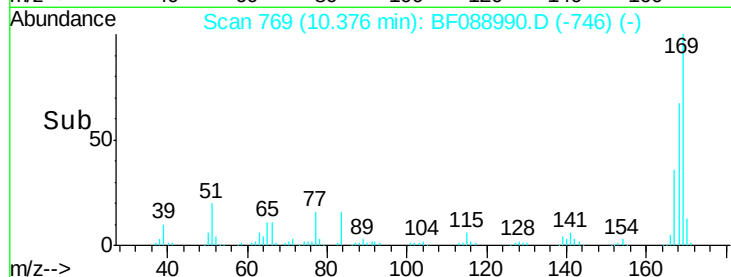
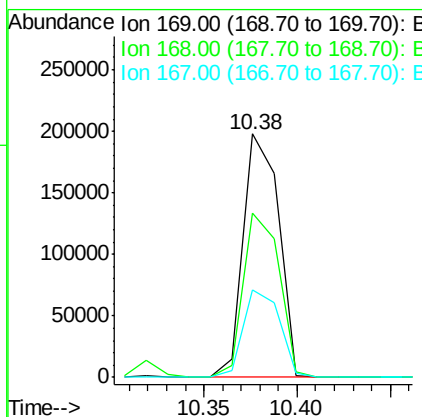
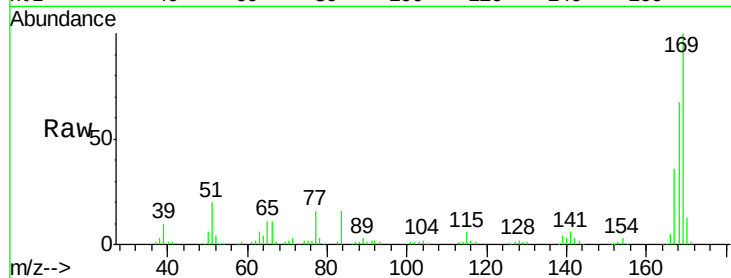




#65
 n-Nitrosodiphenylamine
 Concen: 39.28 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.03 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

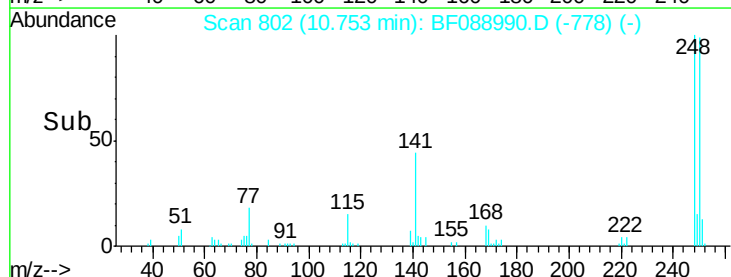
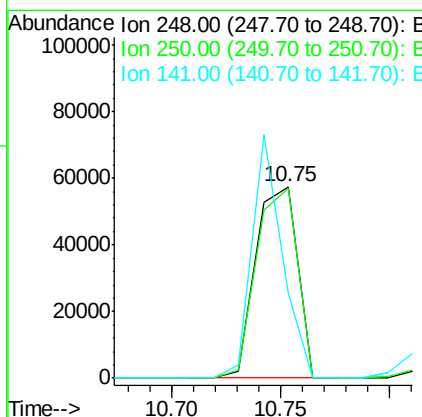
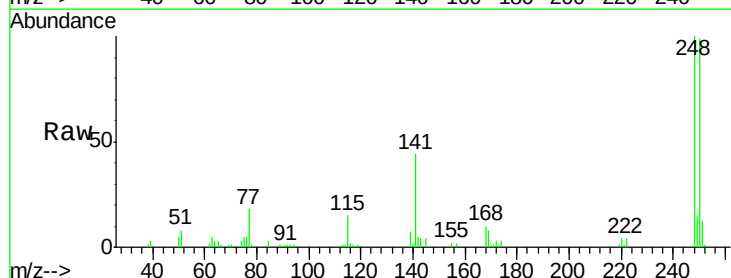
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

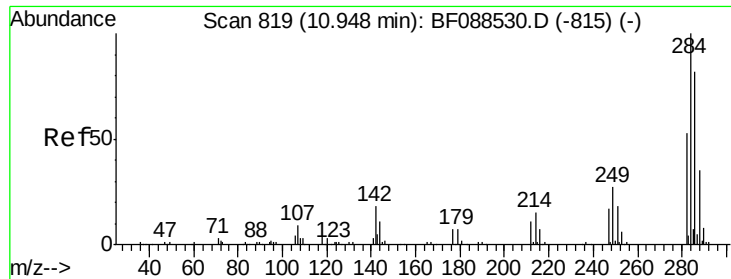
Tot Ion:169 Resp: 260700
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.0
 167 36.2 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.01 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion:248 Resp: 77107
 Ion Ratio Lower Upper
 248 100
 250 99.3 77.1 115.7
 141 44.5 50.6 76.0#

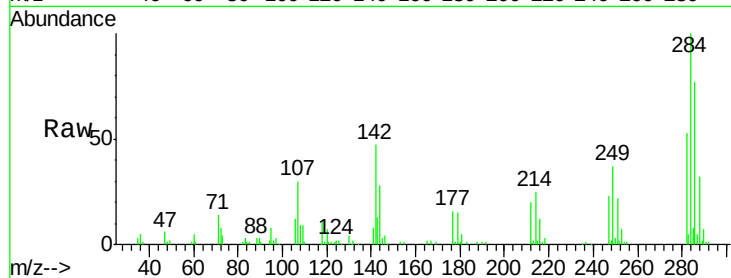




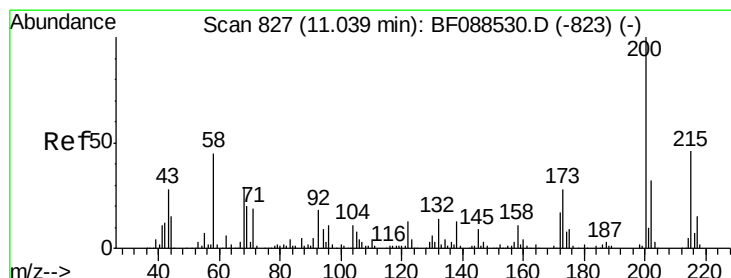
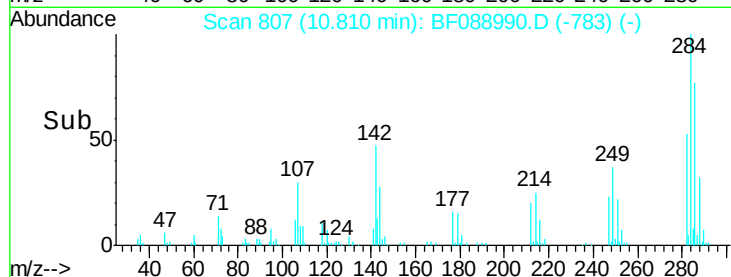
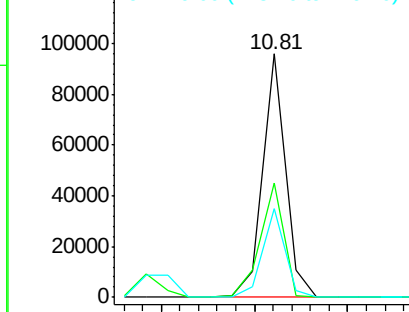
#67
Hexachlorobenzene
Concen: 36.77 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 80443
Ion Ratio Lower Upper
284 100
142 47.1 35.8 53.8
249 36.6 25.8 38.6

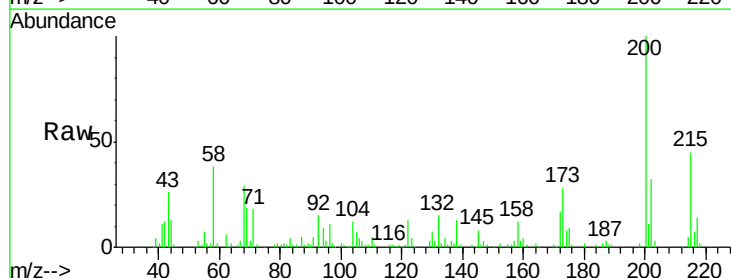


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

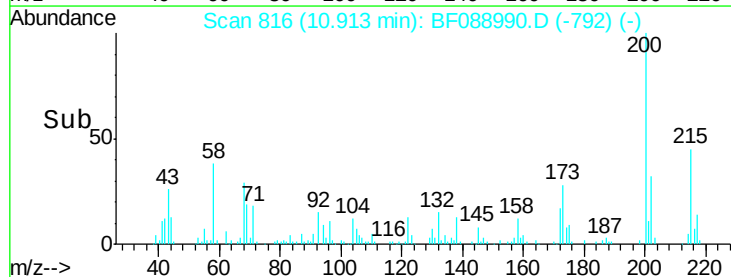
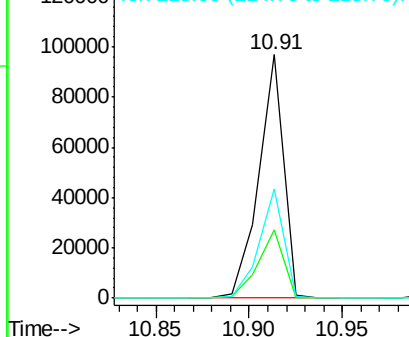


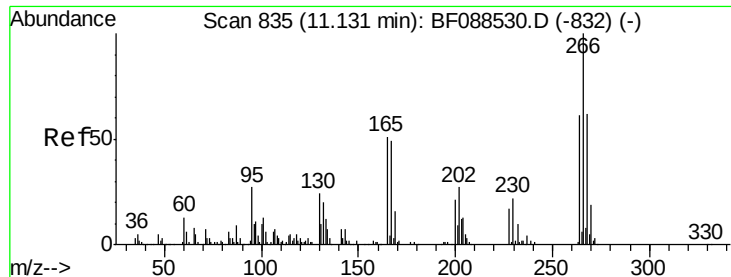
#68
Atrazine
Concen: 42.80 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088990.D
Acq: 14 Jul 2016 17:16

Tgt Ion:200 Resp: 88513
Ion Ratio Lower Upper
200 100
173 27.9 4.0 44.0
215 44.6 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

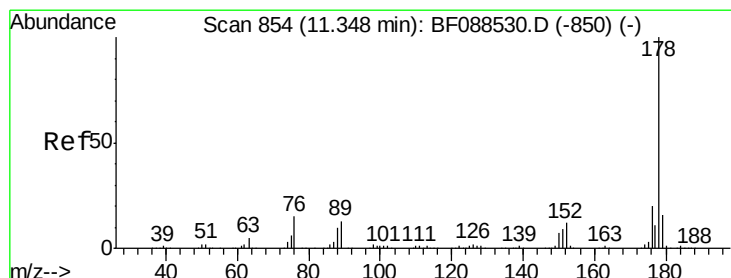
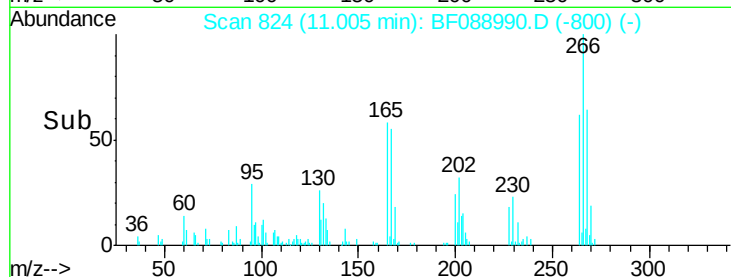
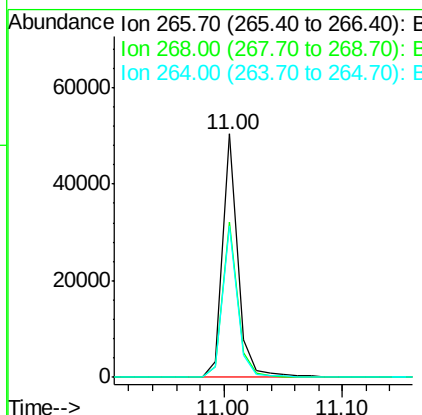
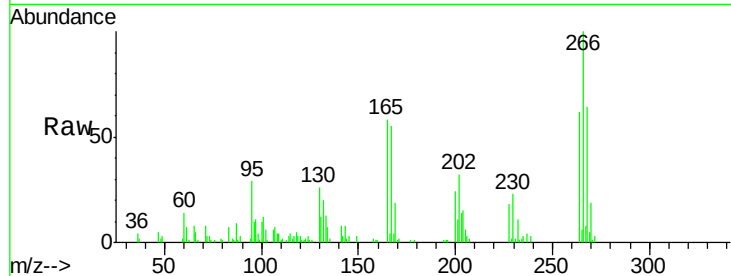




#69
 Pentachlorophenol
 Concen: 34.41 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

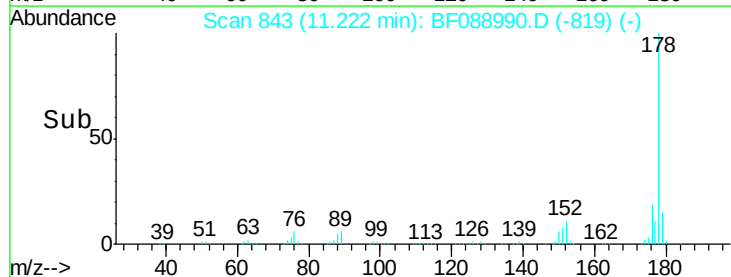
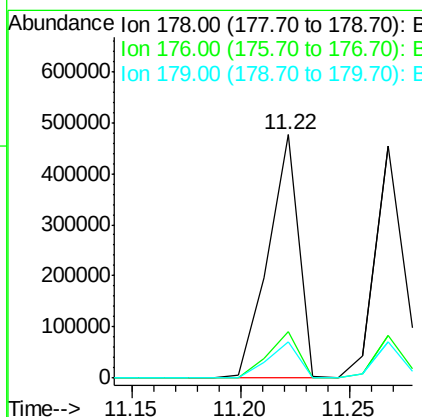
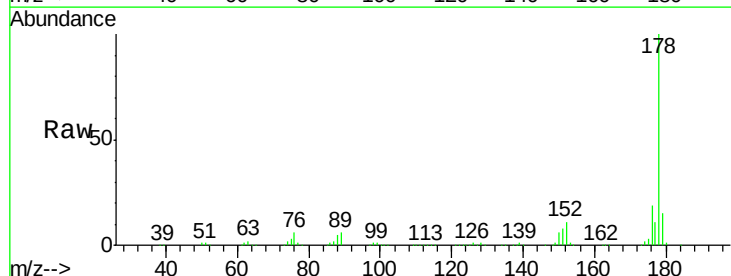
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

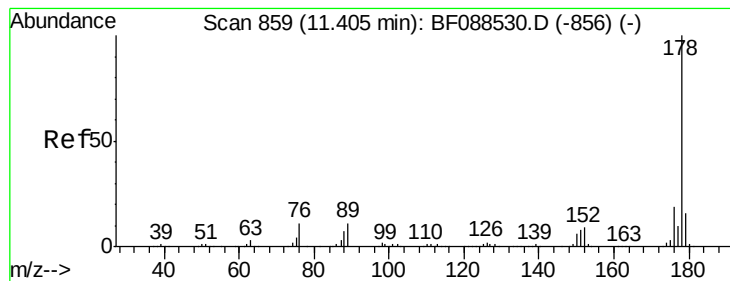
Tot Ion:266 Resp: 44553
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.8 79.2
 264 62.3 49.6 74.4



#70
 Phenanthrene
 Concen: 43.74 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion:178 Resp: 468959
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.1 13.0 19.4





#71

Anthracene

Concen: 38.36 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

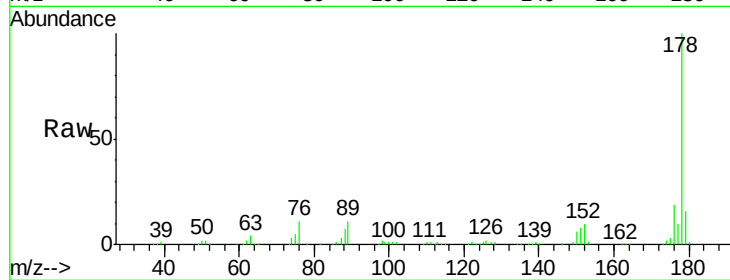
Tot Ion:178 Resp: 408917

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

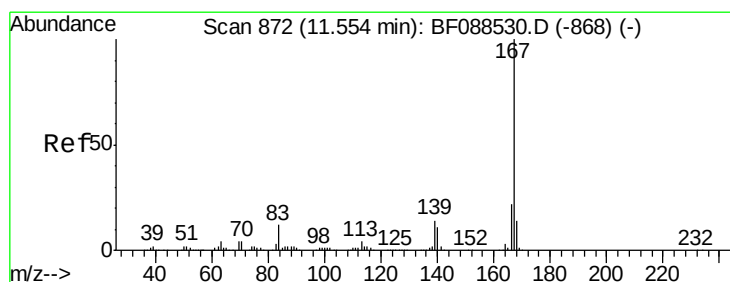
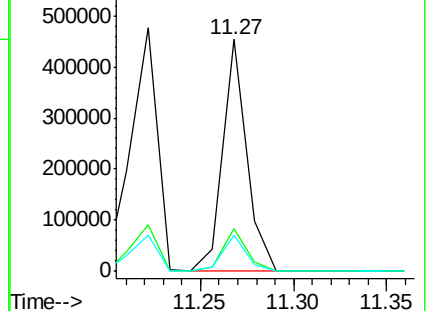
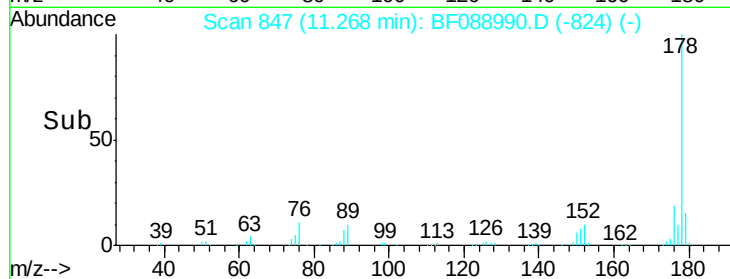
179 15.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.55 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

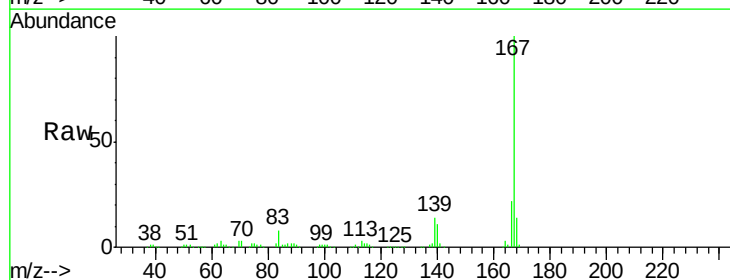
Tgt Ion:167 Resp: 426915

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

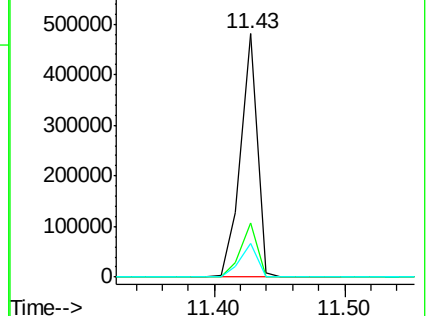
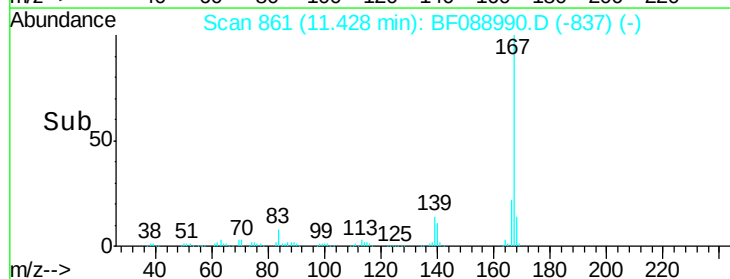
139 14.0 11.2 16.8

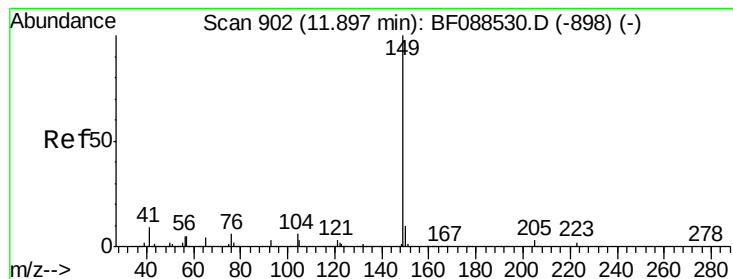


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.61 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

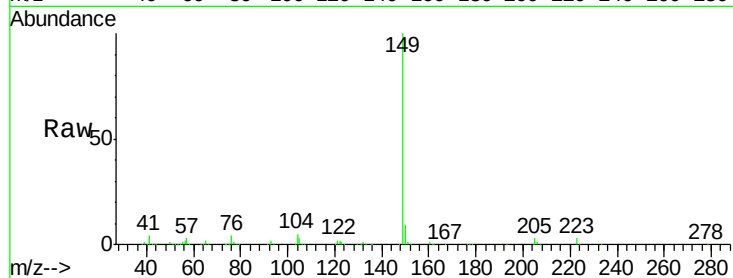
Tot Ion:149 Resp: 508933

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

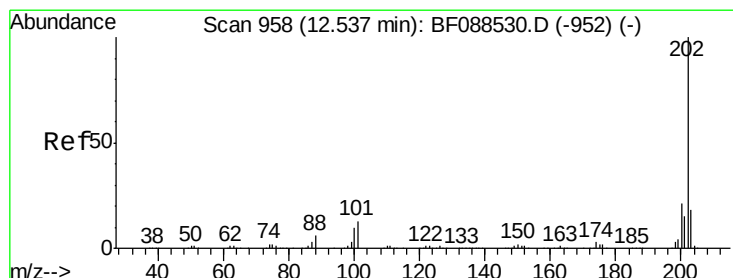
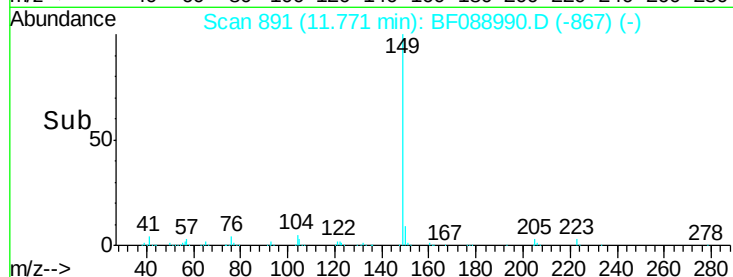
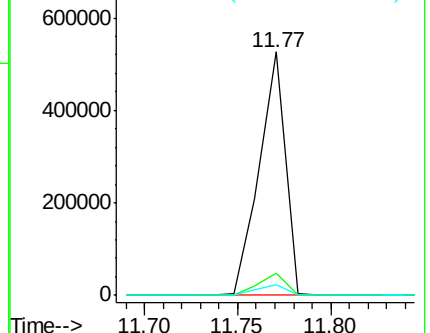
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.86 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

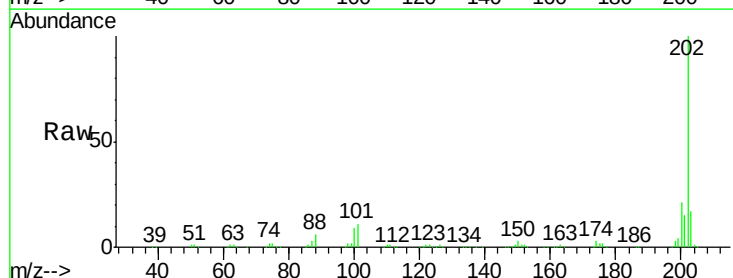
Tgt Ion:202 Resp: 476684

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.1

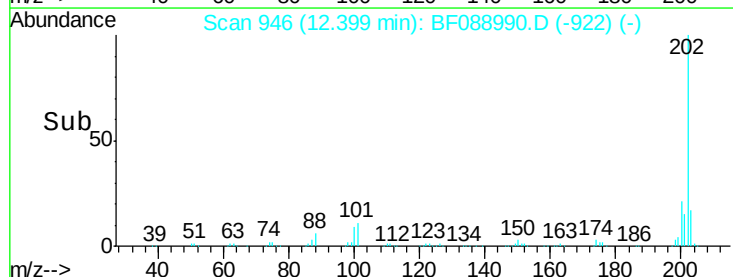
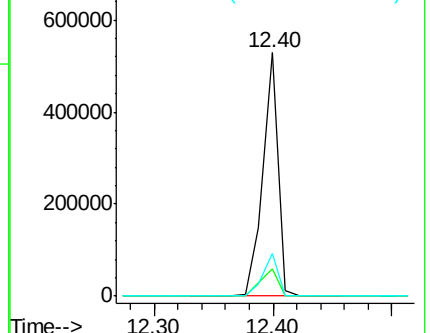
203 17.5 0.0 38.1

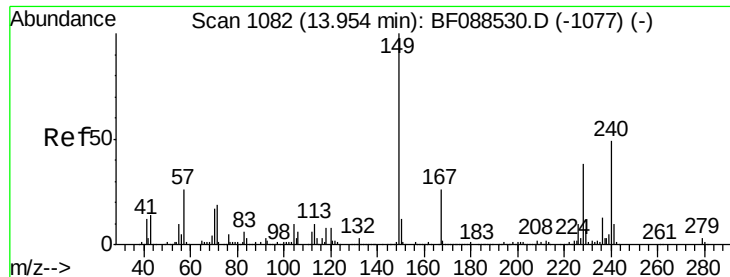


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

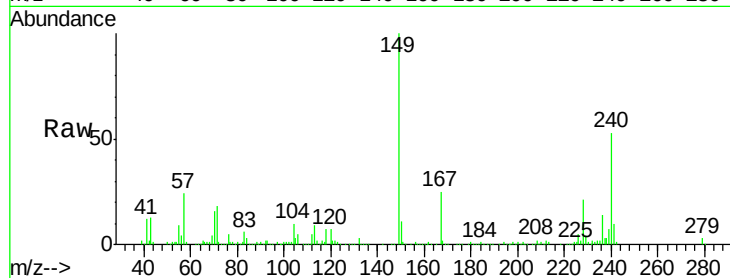
Tot Ion:240 Resp: 143376

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

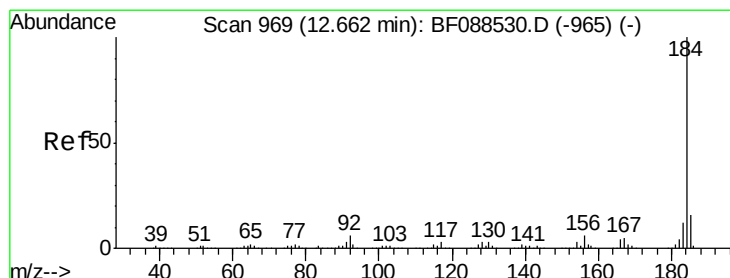
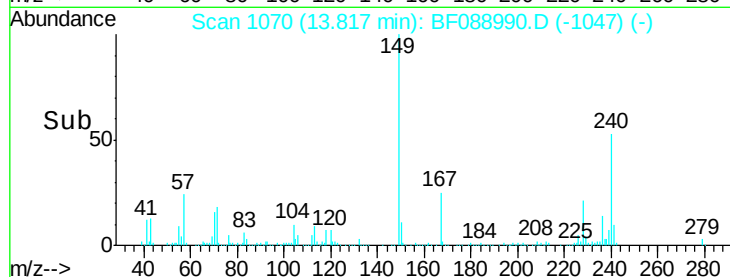
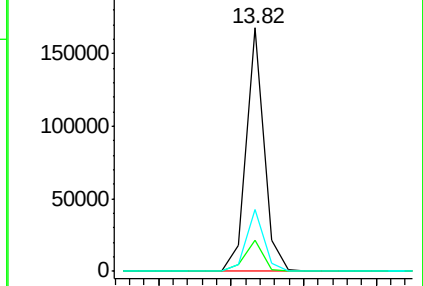
236 25.4 20.2 30.2



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: 32.95 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

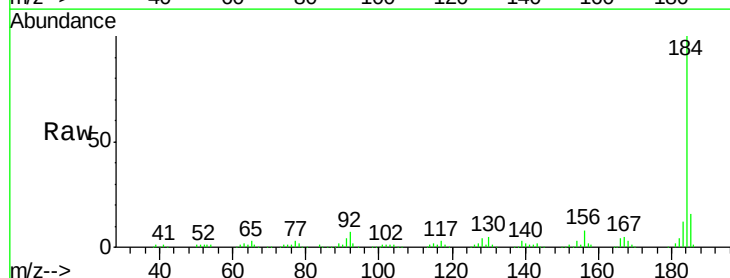
Tgt Ion:184 Resp: 238756

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

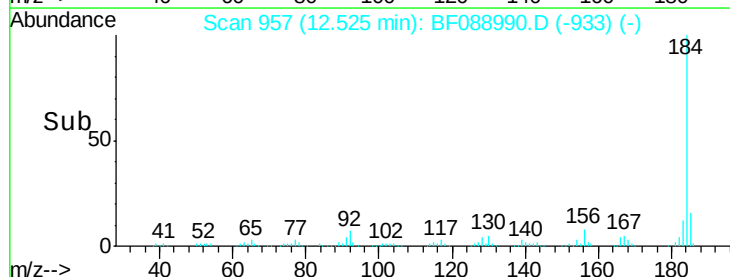
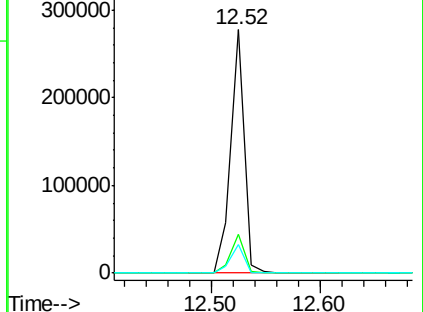
183 11.9 9.3 13.9

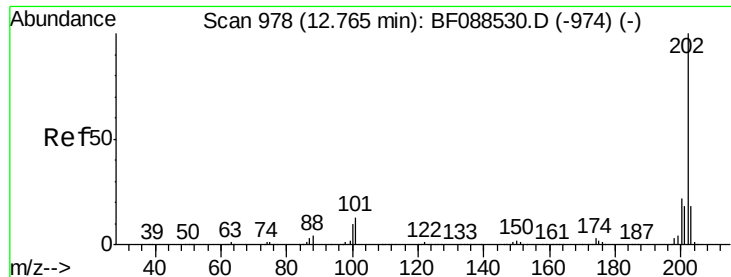


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.12 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

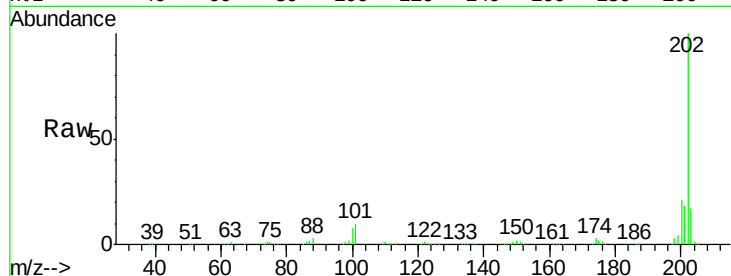
Tot Ion:202 Resp: 499860

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

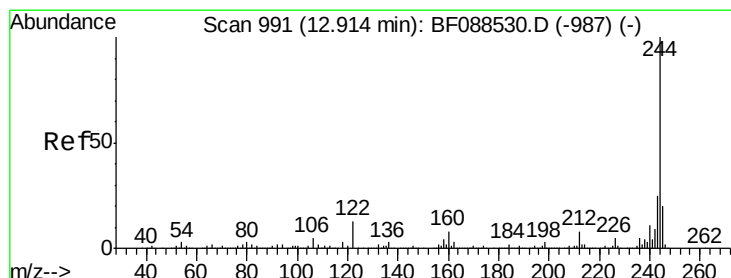
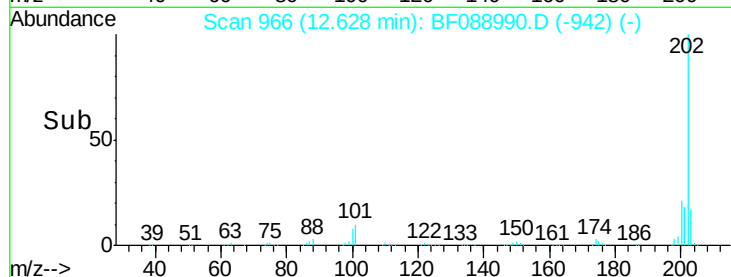
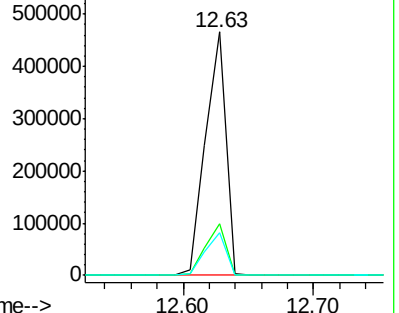
203 17.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.20 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

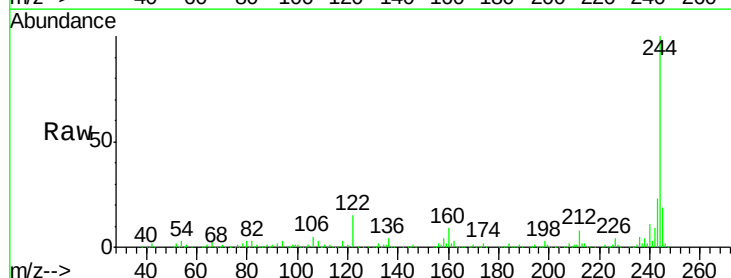
Tgt Ion:244 Resp: 490486

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

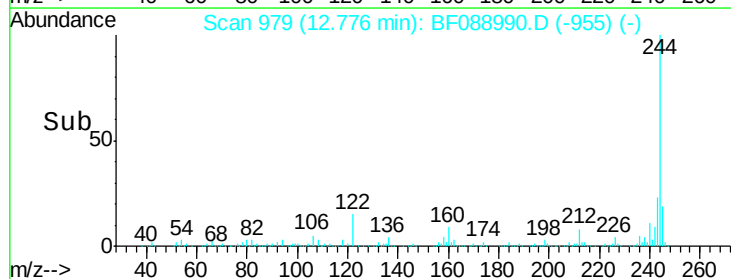
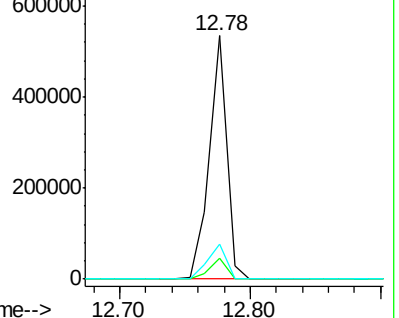
122 14.6 11.2 16.8

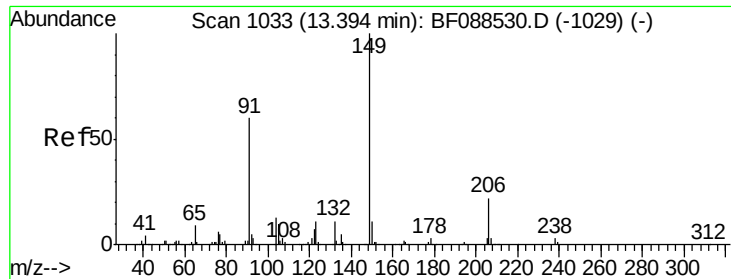


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.34 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

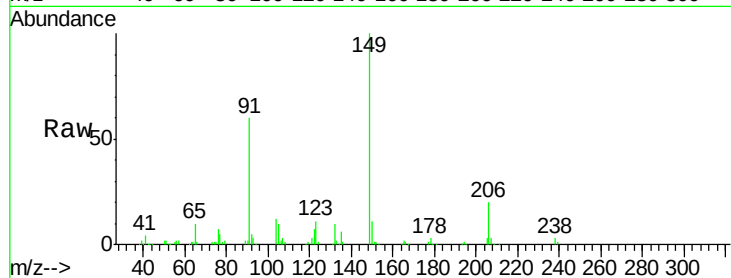
Tot Ion:149 Resp: 213318

Ion Ratio Lower Upper

149 100

91 59.5 48.0 72.0

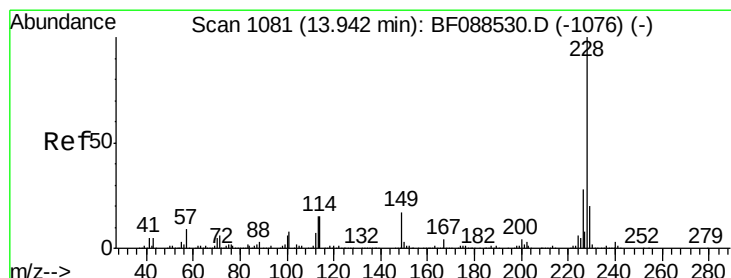
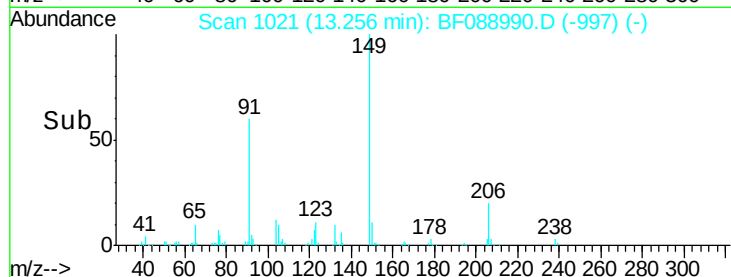
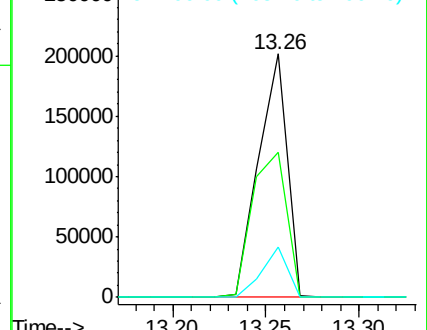
206 20.4 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.88 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

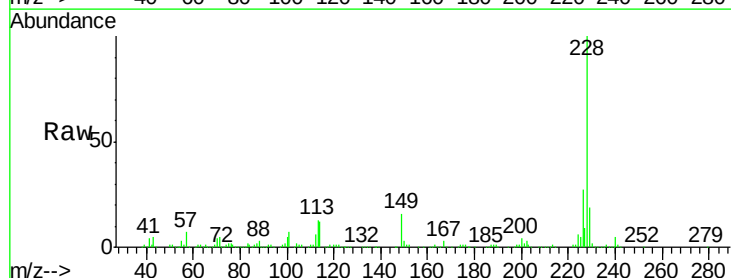
Tgt Ion:228 Resp: 358981

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

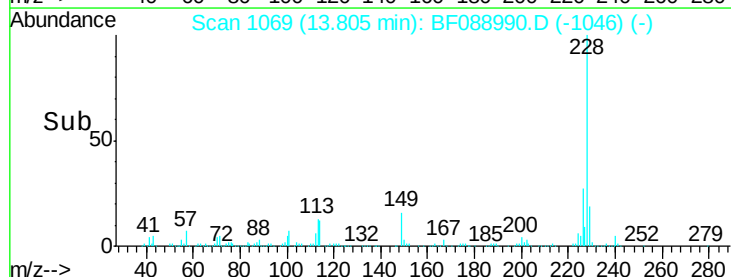
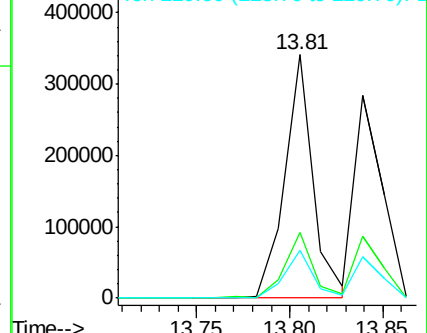
229 19.4 16.0 24.0

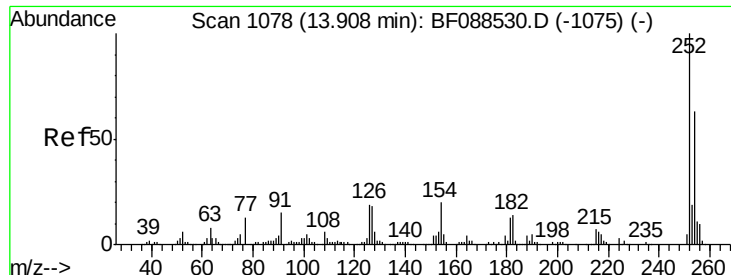


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

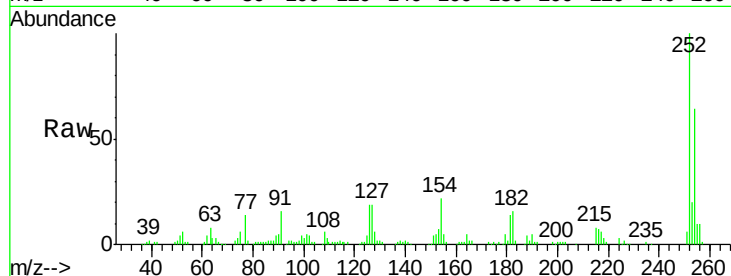




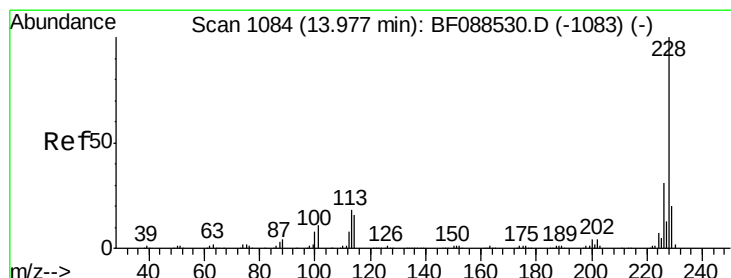
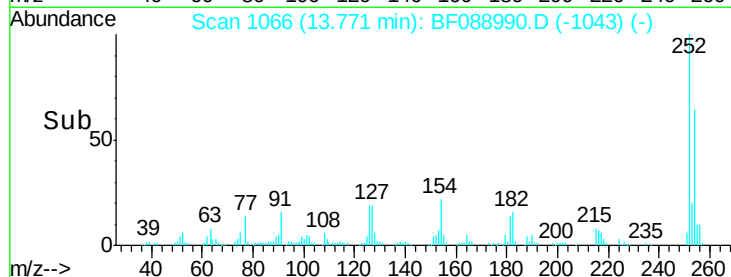
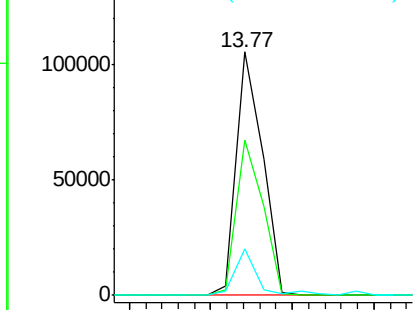
#81
 3,3'-Dichlorobenzidine
 Concen: 33.53 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.03 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 116392
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.6 78.8
 126 19.0 6.2 9.2#

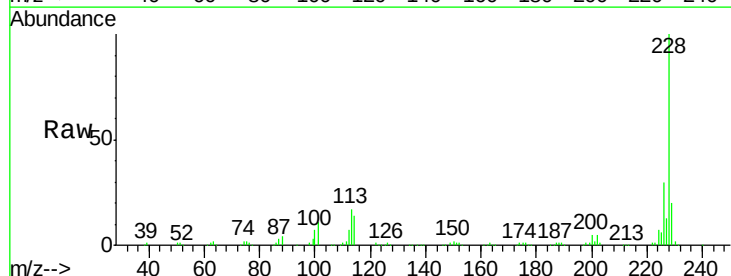


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

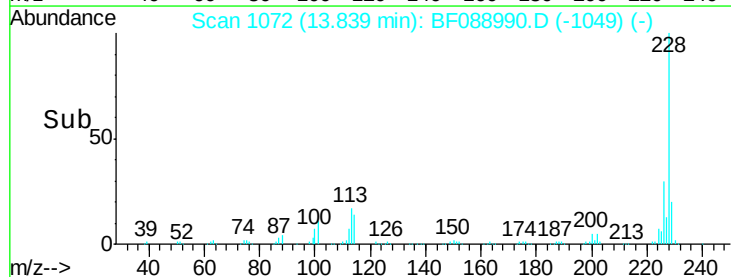
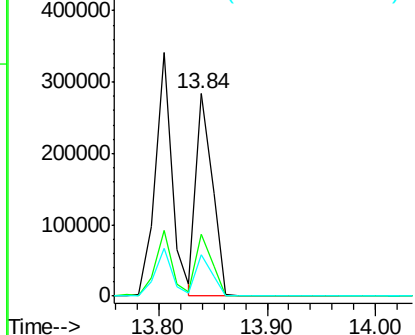


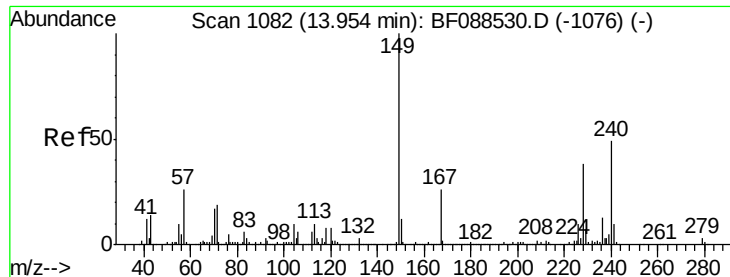
#82
 Chrysene
 Concen: 32.69 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion:228 Resp: 298547
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 20.2 16.3 24.5



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: 43.27 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

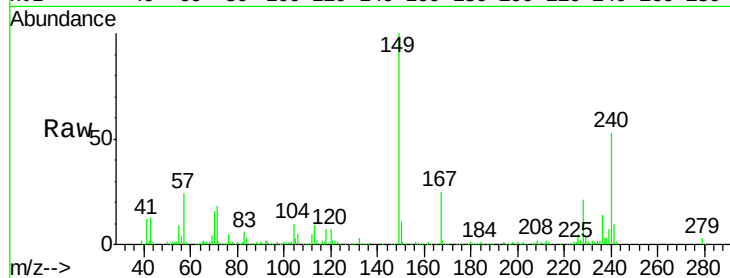
Tot Ion:149 Resp: 267848

Ion Ratio Lower Upper

149 100

167 25.2 20.5 30.7

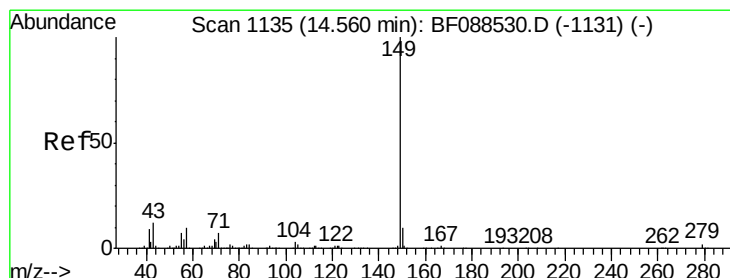
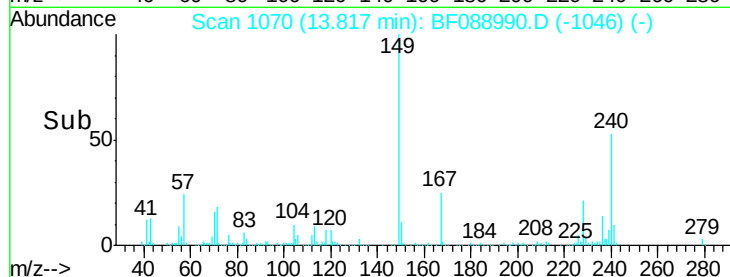
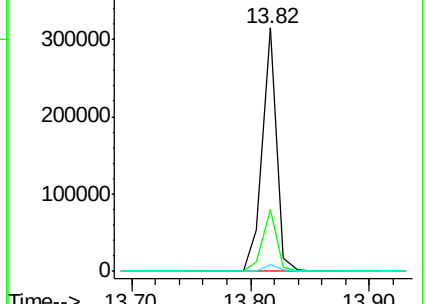
279 2.7 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.36 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

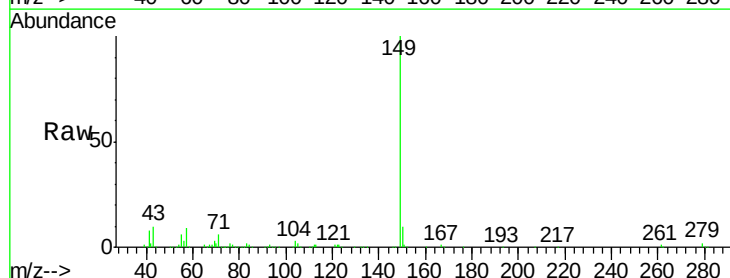
Tgt Ion:149 Resp: 403444

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

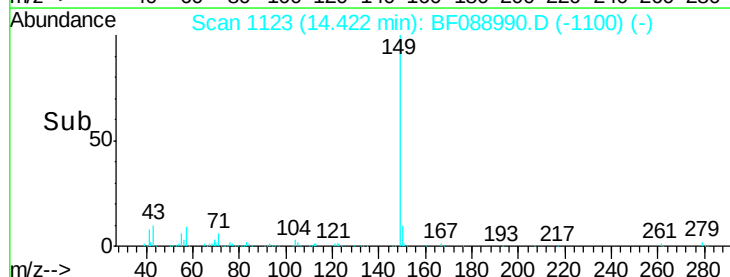
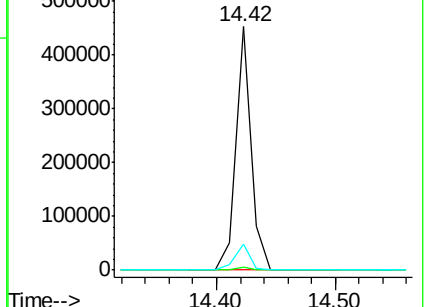
43 10.2 0.0 0.0#

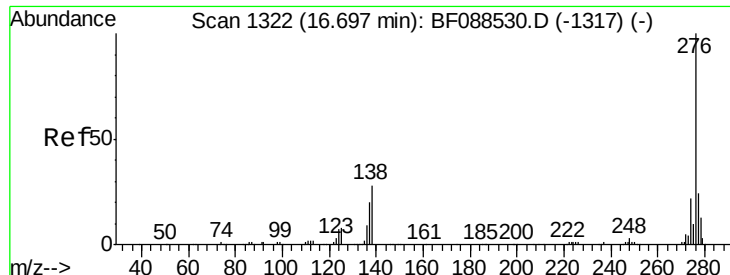


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

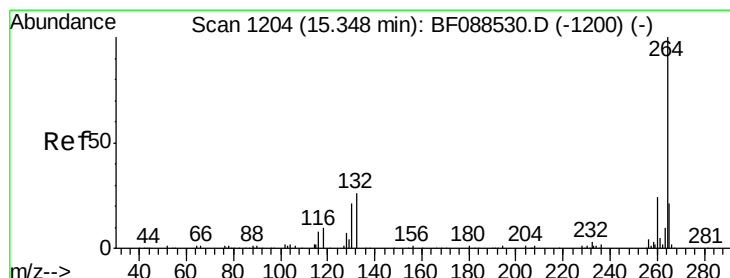
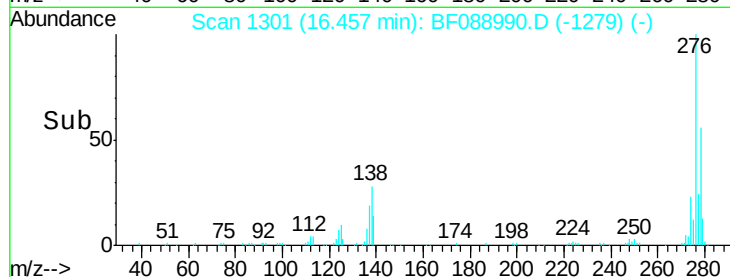
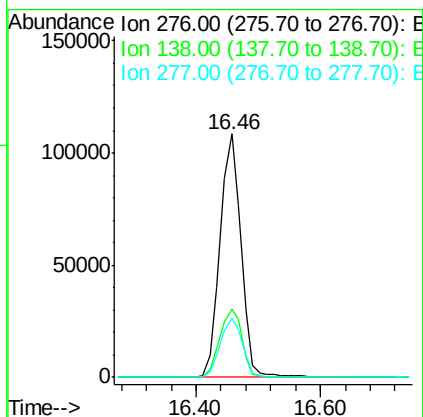
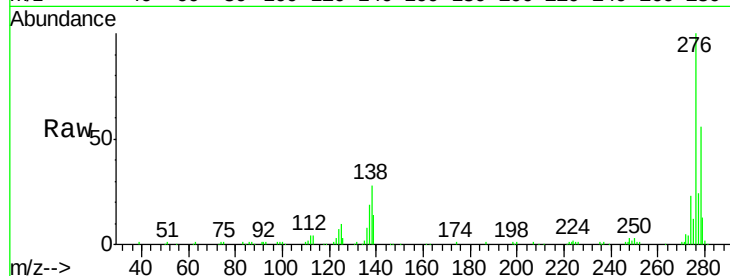




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.95 ng
 RT: 16.46 min Scan# 1301
 Delta R.T. -0.05 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

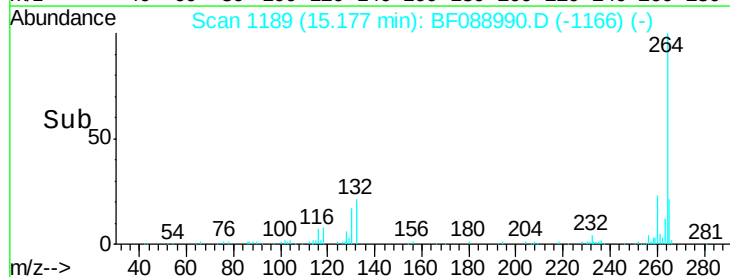
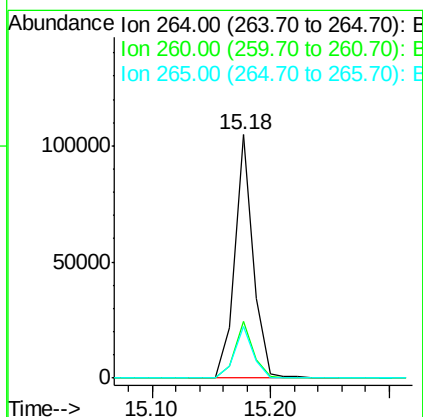
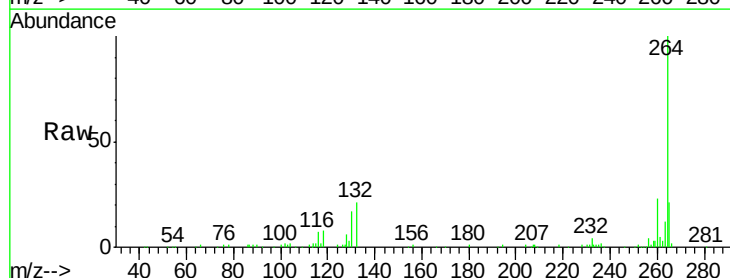
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

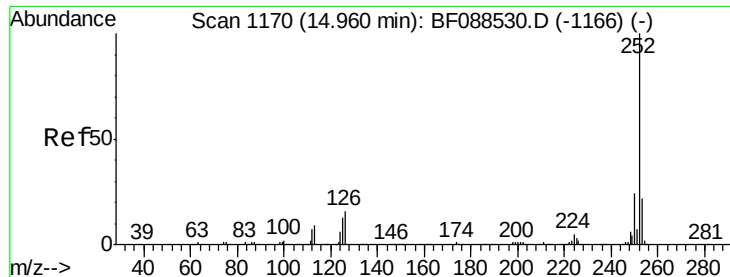
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.5	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 81.15 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

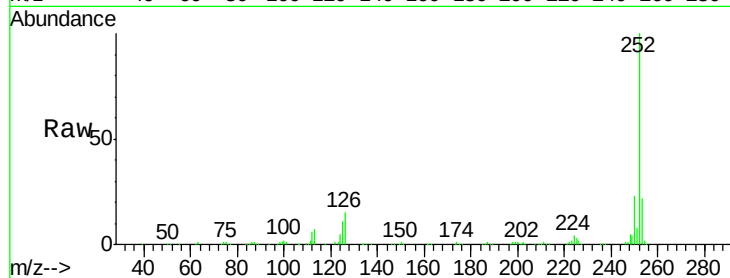
Tot Ion:252 Resp: 576962

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

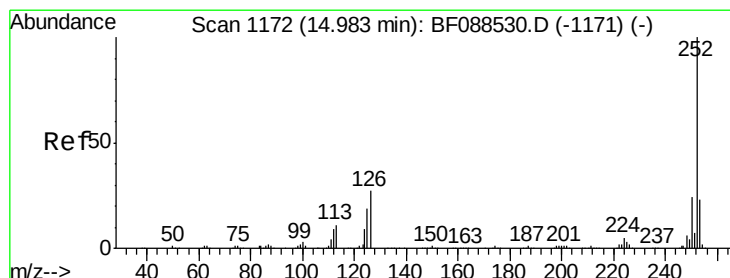
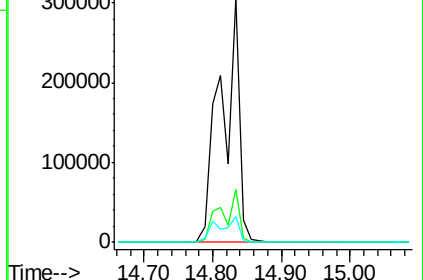
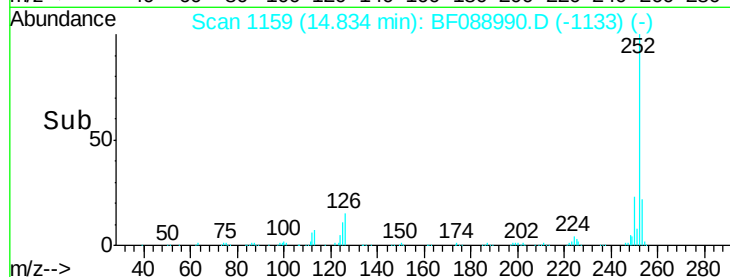
125 10.6 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 93.21 ng

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

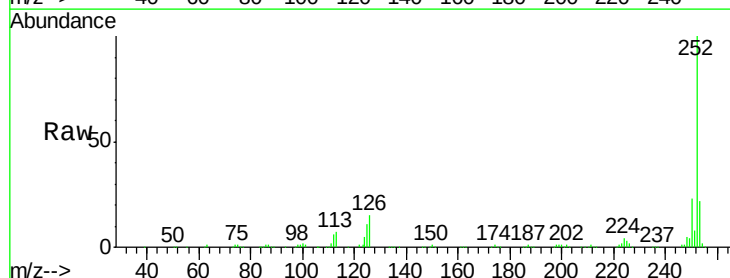
Tgt Ion:252 Resp: 576962

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

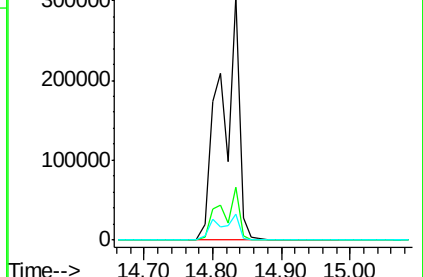
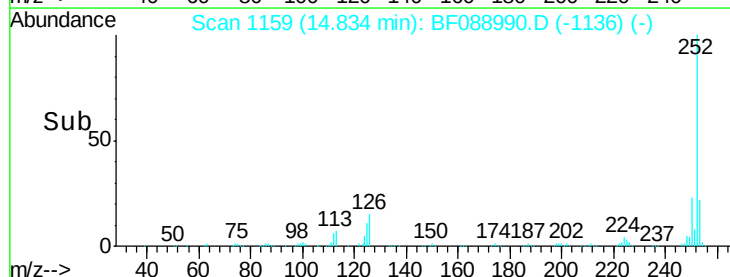
125 10.6 11.2 16.8#

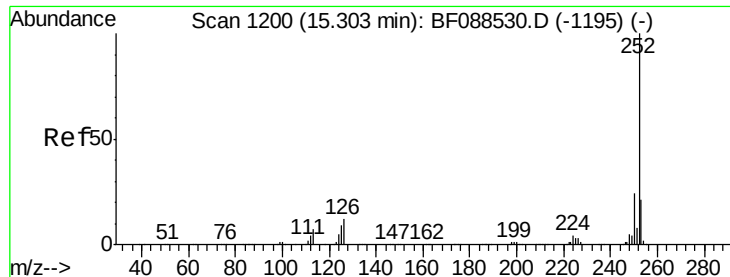


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.86 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.03 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

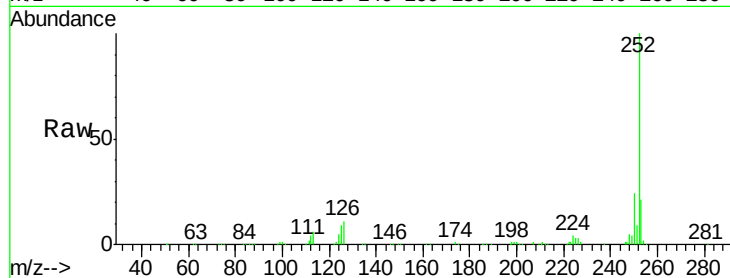
Tot Ion:252 Resp: 264065

Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

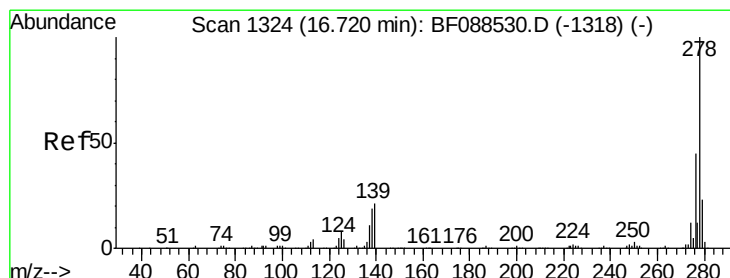
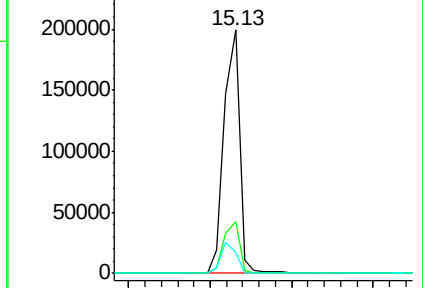
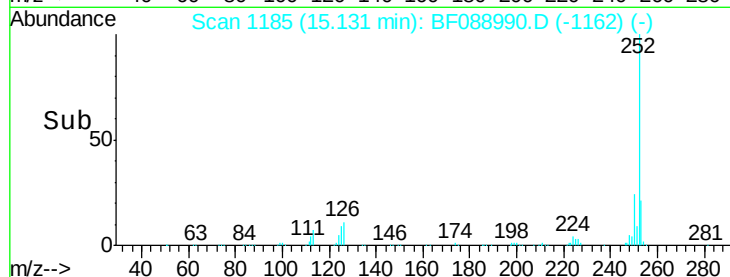
125 8.5 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.59 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.05 min

Lab File: BF088990.D

Acq: 14 Jul 2016 17:16

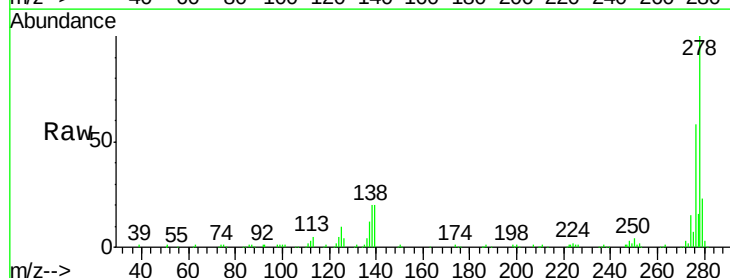
Tgt Ion:278 Resp: 219130

Ion Ratio Lower Upper

278 100

139 19.5 15.7 23.5

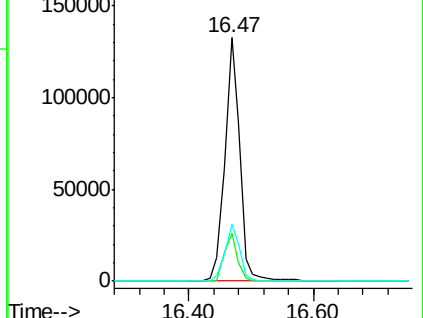
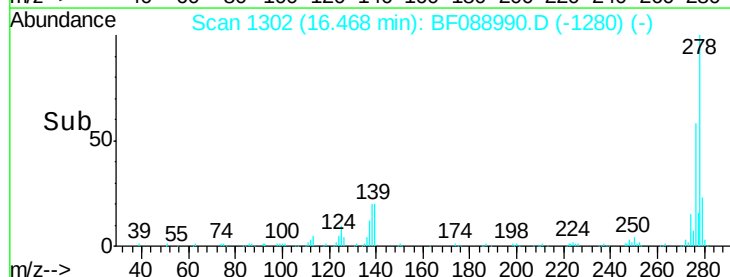
279 23.3 19.4 29.2

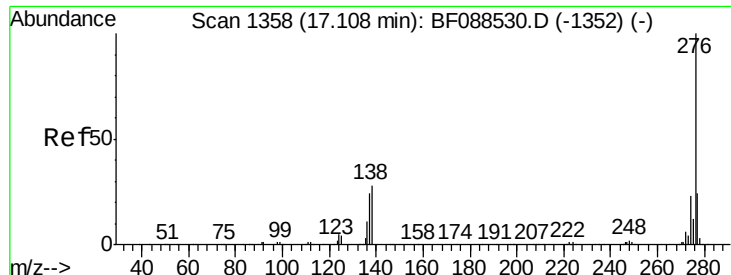


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

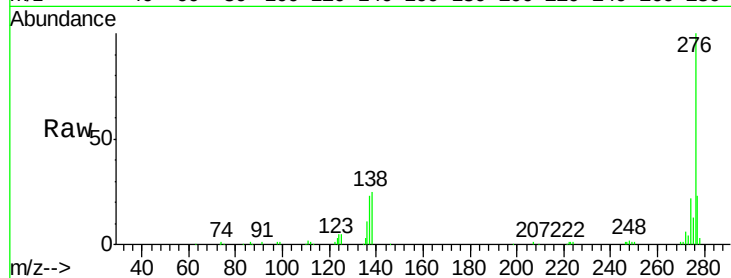




#91
 Benzo(a,h,i)perylene
 Concen: 42.43 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.06 min
 Lab File: BF088990.D
 Acq: 14 Jul 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	25.4	21.4	32.2



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

