

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088738.D
 Acq On : 6 Jul 2016 15:10
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 06 16:21:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	75673	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	346515	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	160034	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	307946	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	217075	20.00	ng	-0.02
86) Perylene-d12	15.28	264	162860	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	404921	80.19	ng	-0.03
7) Phenol-d6	6.40	99	548099	84.01	ng	-0.01
23) Nitrobenzene-d5	7.32	82	467494	70.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	126598	85.19	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	810968	80.04	ng	-0.02
78) Terphenyl-d14	12.86	244	830382	85.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	91709	36.64	ng	# 37
3) Pyridine	2.95	79	273165	37.60	ng	92
4) n-Nitrosodimethylamine	2.90	42	97973	35.30	ng	90
6) Aniline	6.42	93	374703	39.41	ng	99
8) 2-Chlorophenol	6.54	128	216613	39.92	ng	95
9) Benzaldehyde	6.30	77	158265	35.81	ng	85
10) Phenol	6.41	94	320327	43.02	ng	# 64
11) bis(2-Chloroethyl)ether	6.50	93	229657	41.36	ng	# 81
12) 1,3-Dichlorobenzene	6.70	146	238763	39.98	ng	97
13) 1,4-Dichlorobenzene	6.78	146	257644	43.47	ng	97
14) 1,2-Dichlorobenzene	6.92	146	217073	39.13	ng	# 86
15) Benzyl Alcohol	6.90	79	196092	40.84	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	294194	36.59	ng	91
17) 2-Methylphenol	7.02	107	179780	40.61	ng	96
18) Hexachloroethane	7.27	117	94202	41.09	ng	# 79
19) n-Nitroso-di-n-propylamine	7.18	70	172856	39.44	ng	93
20) 3+4-Methylphenols	7.18	107	226678	42.66	ng	# 82
22) Acetophenone	7.18	105	341895	40.65	ng	# 90
24) Nitrobenzene	7.35	77	276919	41.54	ng	95
25) Isophorone	7.59	82	468180	38.22	ng	98
26) 2-Nitrophenol	7.66	139	109689	40.12	ng	92
27) 2,4-Dimethylphenol	7.70	122	198724	34.90	ng	88
28) bis(2-Chloroethoxy)methane	7.80	93	314865	39.50	ng	# 97
29) 2,4-Dichlorophenol	7.91	162	183469	39.87	ng	91
30) 1,2,4-Trichlorobenzene	7.99	180	204586	40.51	ng	99
31) Naphthalene	8.07	128	740868	43.37	ng	99
32) Benzoic acid	7.70	122	198724	48.07	ng	# 17
33) 4-Chloroaniline	8.11	127	282528	37.17	ng	96
34) Hexachlorobutadiene	8.19	225	114585	42.37	ng	99
35) Caprolactam	8.48	113	57284	36.65	ng	# 90
36) 4-Chloro-3-methylphenol	8.60	107	239513	44.01	ng	99
37) 2-Methylnaphthalene	8.75	142	414000	37.64	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	242631	45.58	ng	# 1
40) Hexachlorocyclopentadiene	8.91	237	97658	37.38	ng	100

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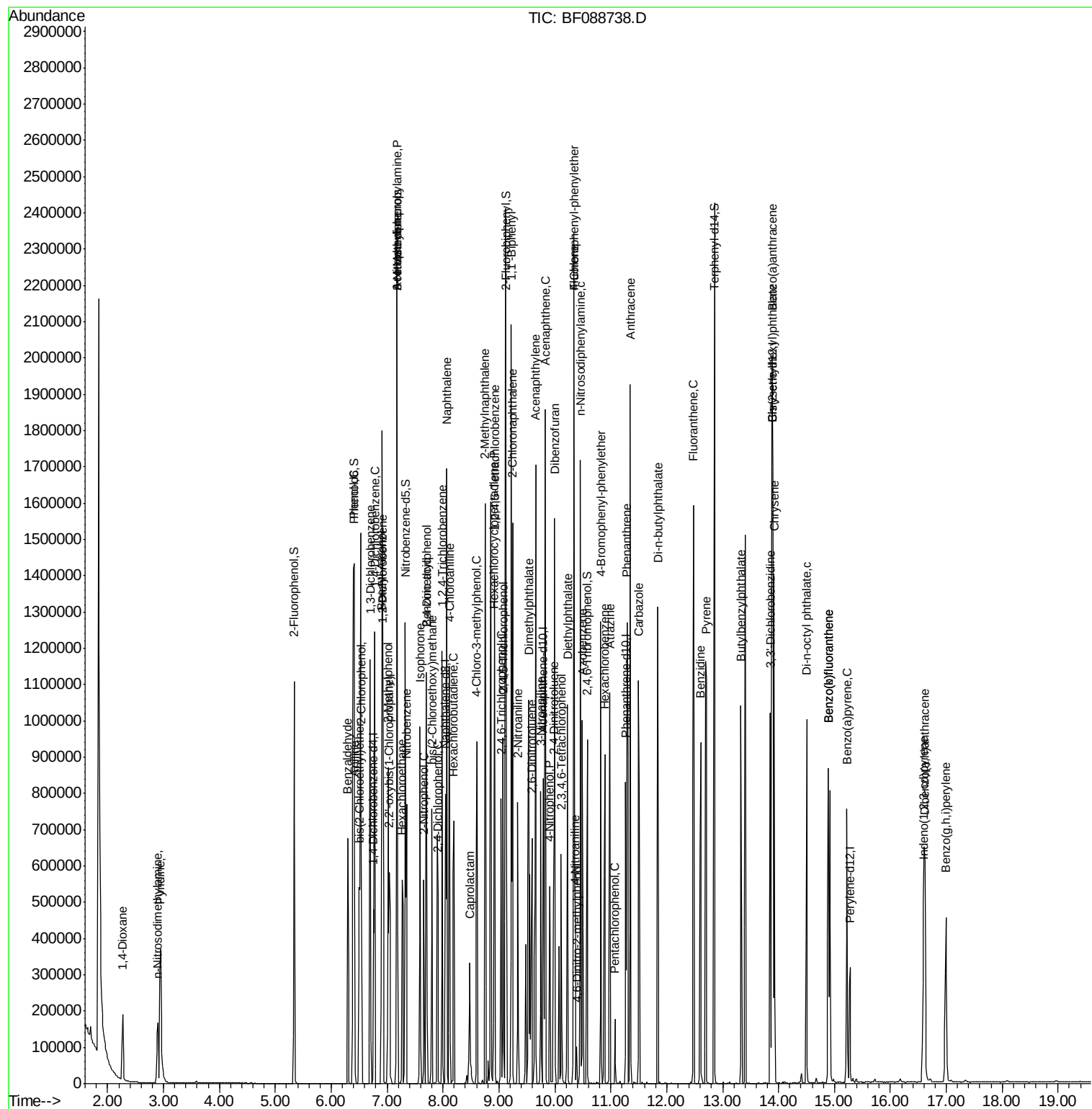
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	132562	37.77	nq	99
43) 2,4,5-Trichlorophenol	9.07	196	131309	43.49	nq	# 89
45) 1,1'-Biphenyl	9.22	154	572628	43.21	nq	98
46) 2-Chloronaphthalene	9.24	162	440847	42.38	nq	100
47) 2-Nitroaniline	9.34	65	132564	35.91	nq	98
48) Acenaphthylene	9.66	152	679279	41.04	nq	100
49) Dimethylphthalate	9.53	163	522513	45.83	nq	99
50) 2,6-Dinitrotoluene	9.59	165	118428	46.87	nq	92
51) Acenaphthene	9.83	154	377608	37.22	nq	98
52) 3-Nitroaniline	9.75	138	115808	36.05	nq	89
54) Dibenzofuran	10.00	168	551146	41.50	nq	# 88
55) 4-Nitrophenol	9.91	139	73258	30.01	nq	93
56) 2,4-Dinitrotoluene	9.99	165	151619	45.89	nq	96
57) Fluorene	10.34	166	469200	45.85	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	70546	30.20	nq	# 49
59) Diethylphthalate	10.23	149	506374	44.25	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	198812	41.81	nq	# 86
61) 4-Nitroaniline	10.36	138	140320	45.39	nq	96
62) Azobenzene	10.49	77	490258	37.56	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	11063	6.72	nq	89
65) n-Nitrosodiphenylamine	10.46	169	429227	41.18	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	123458	39.78	nq	# 79
67) Hexachlorobenzene	10.89	284	151356	44.06	nq	# 80
68) Atrazine	10.98	200	115721	35.63	nq	91
69) Pentachlorophenol	11.07	266	19239	9.46	nq	97
70) Phenanthrene	11.29	178	643312	38.22	nq	99
71) Anthracene	11.35	178	681577	40.72	nq	99
72) Carbazole	11.50	167	604996	38.40	nq	99
73) Di-n-butylphthalate	11.84	149	709776	38.73	nq	99
74) Fluoranthene	12.48	202	736509	43.16	nq	96
76) Benzidine	12.61	184	460397	41.96	nq	99
77) Pyrene	12.71	202	716783	38.94	nq	98
79) Butylbenzylphthalate	13.33	149	279217	34.01	nq	# 68
80) Benzo(a)anthracene	13.89	228	535086	38.28	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	171466	32.63	nq	# 97
82) Chrysene	13.92	228	424510	30.70	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	354255	37.80	nq	# 97
84) Di-n-octyl phthalate	14.50	149	527586	33.13	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.59	276	397047	37.32	nq	# 100
87) Benzo(b)fluoranthene	14.89	252	756814	74.08	nq	# 98
88) Benzo(k)fluoranthene	14.89	252	756814	85.09	nq	96
89) Benzo(a)pyrene	15.22	252	347258	40.15	nq	# 96
90) Dibenzo(a,h)anthracene	16.62	278	339787	47.04	nq	97
91) Benzo(g,h,i)perylene	16.99	276	354304	47.40	nq	99

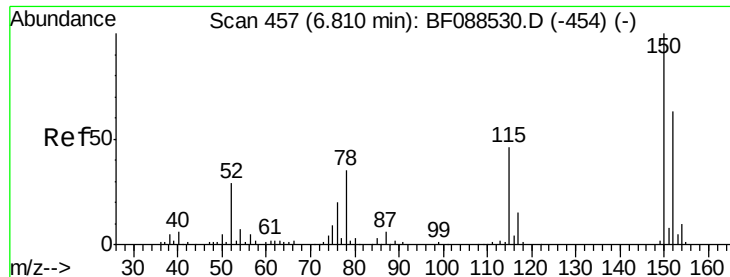
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

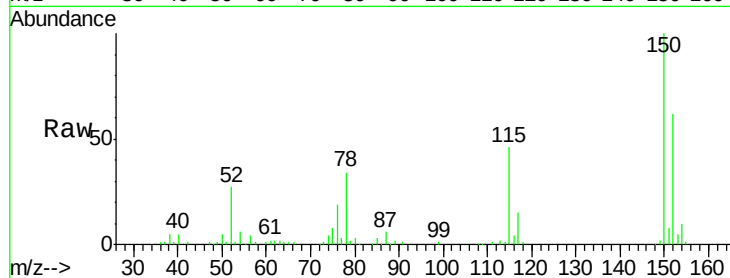
Tot Ion:152 Resp: 75673

Ion Ratio Lower Upper

152 100

150 160.6 123.8 185.6

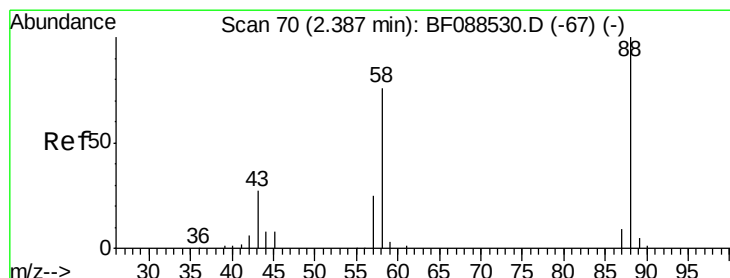
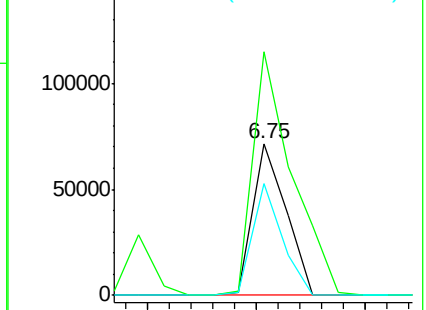
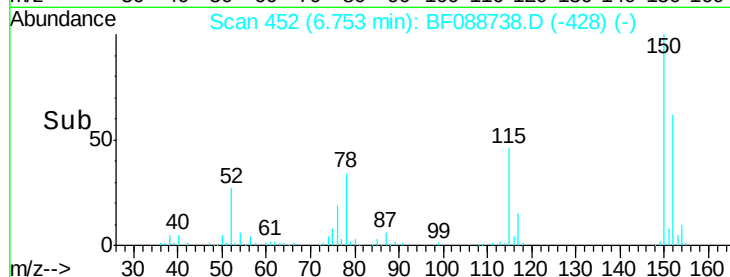
115 73.6 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 36.64 ng

RT: 2.27 min Scan# 60

Delta R.T. -0.06 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

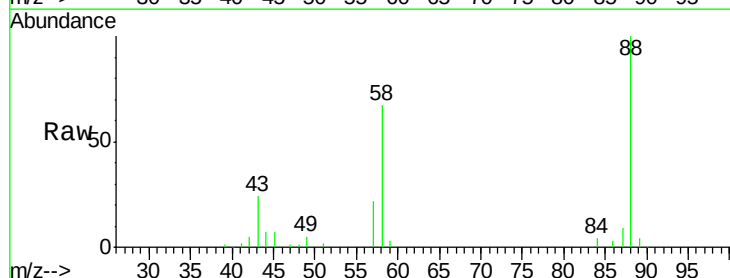
Tgt Ion: 88 Resp: 91709

Ion Ratio Lower Upper

88 100

58 67.4 0.0 0.0#

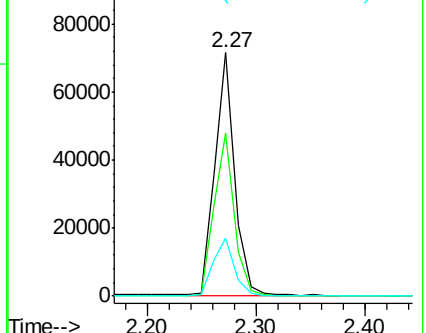
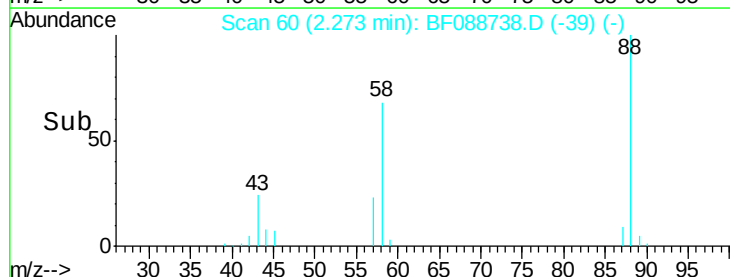
43 25.1 3.4 5.2#

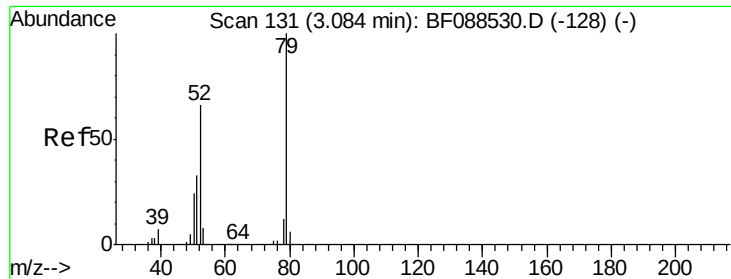


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.60 ng

RT: 2.95 min Scan# 119

Delta R.T. -0.06 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

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SSTDCCC040EC

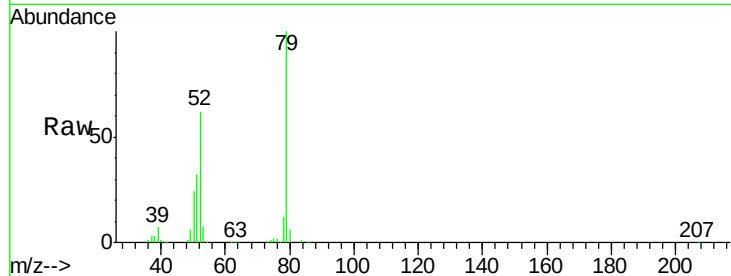
Tot Ion: 79 Resp: 273165

Ion Ratio Lower Upper

79 100

52 62.2 56.3 84.5

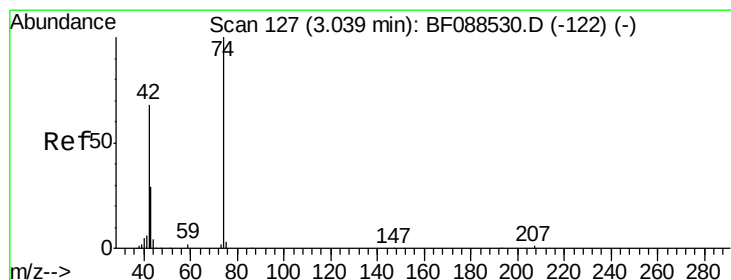
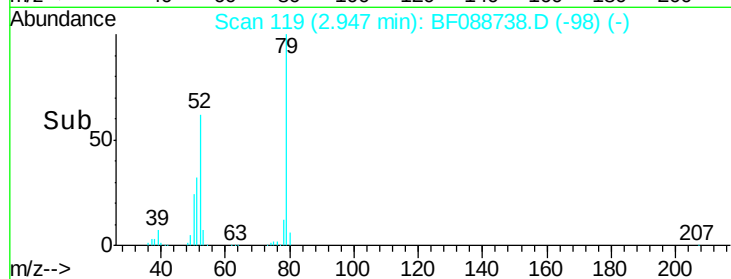
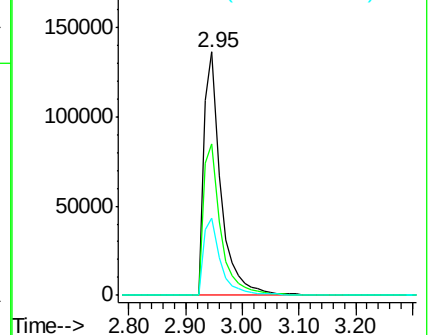
51 31.8 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.30 ng

RT: 2.90 min Scan# 115

Delta R.T. -0.07 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

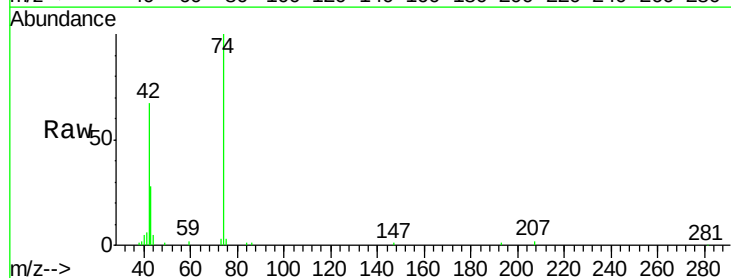
Tgt Ion: 42 Resp: 97973

Ion Ratio Lower Upper

42 100

74 148.2 108.6 163.0

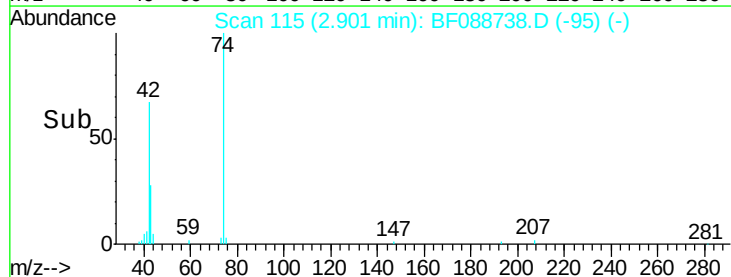
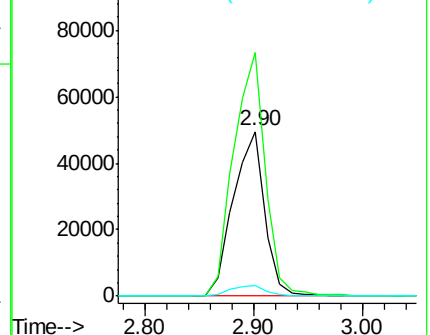
44 6.8 5.5 8.3

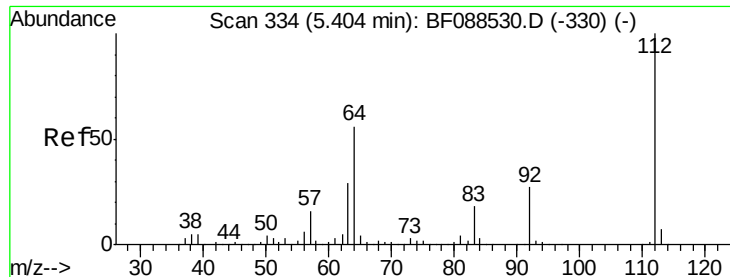


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.19 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088738.D

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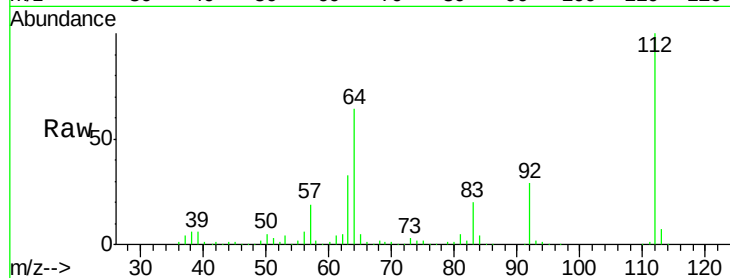
Tot Ion:112 Resp: 404921

Ion Ratio Lower Upper

112 100

64 63.7 42.2 63.2#

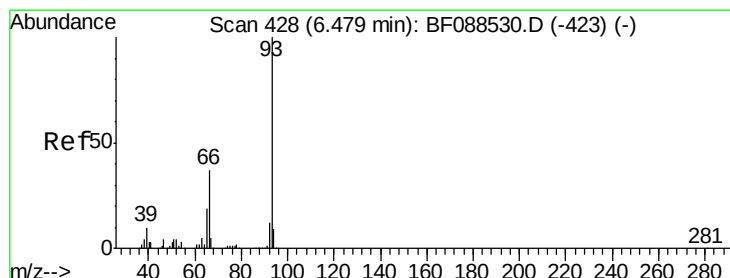
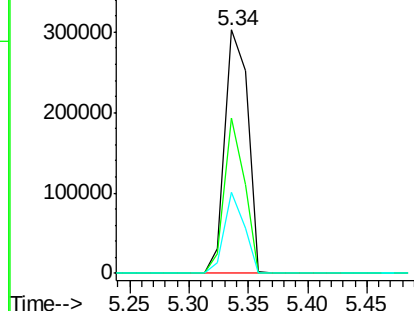
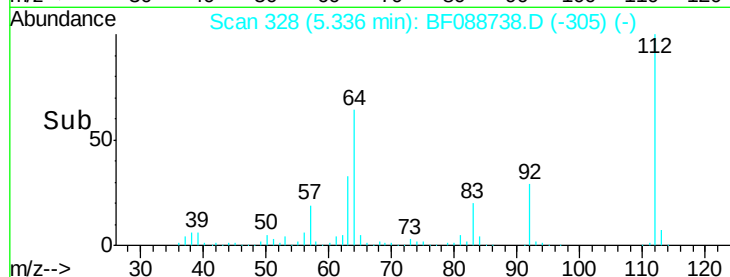
63 33.3 21.8 32.8#



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: 39.41 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

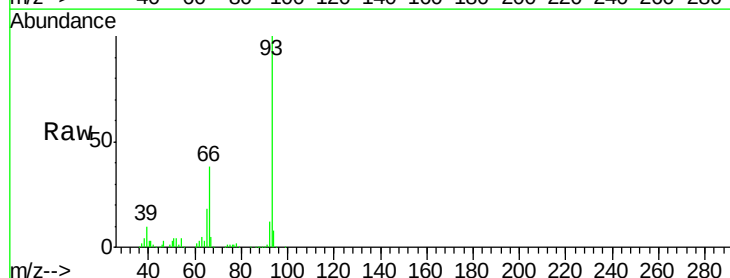
Tgt Ion: 93 Resp: 374703

Ion Ratio Lower Upper

93 100

66 37.7 29.8 44.8

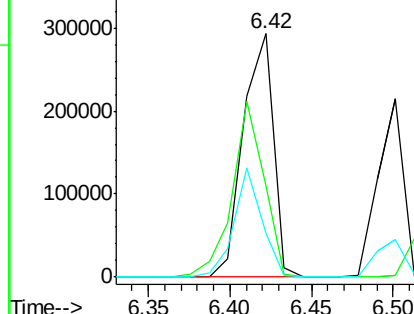
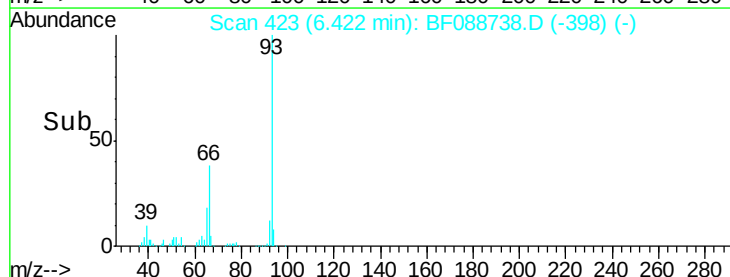
65 18.2 14.9 22.3

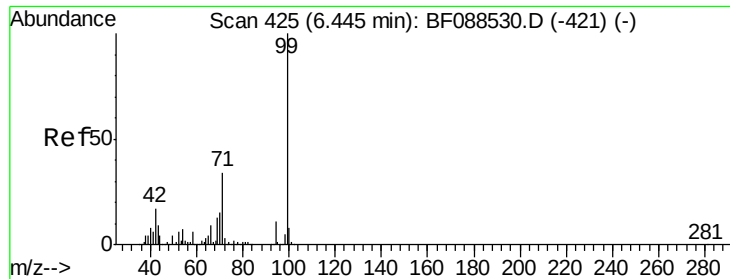


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.01 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

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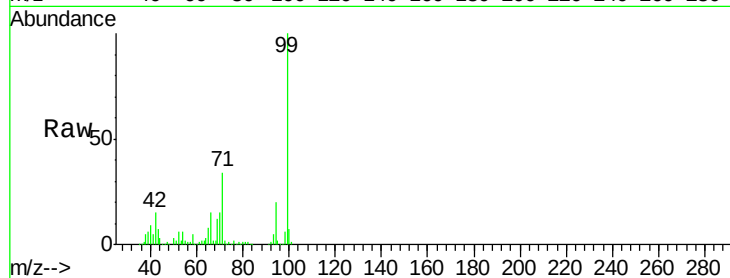
Tot Ion: 99 Resp: 548099

Ion Ratio Lower Upper

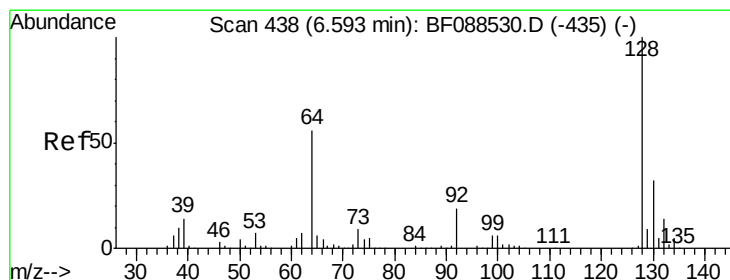
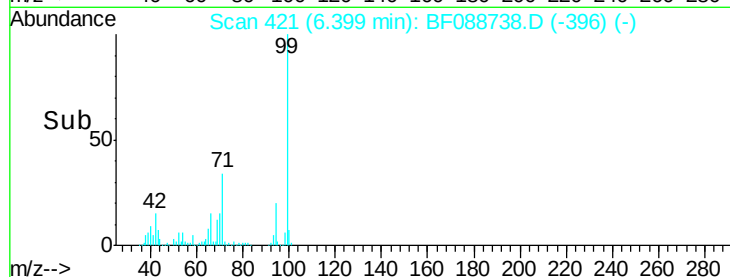
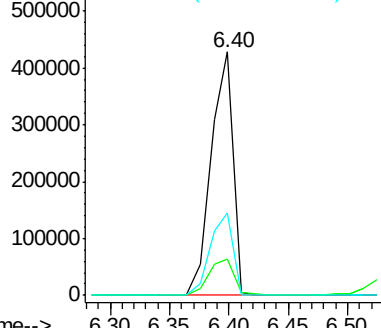
99 100

42 15.2 12.2 18.2

71 34.0 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: 39.92 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

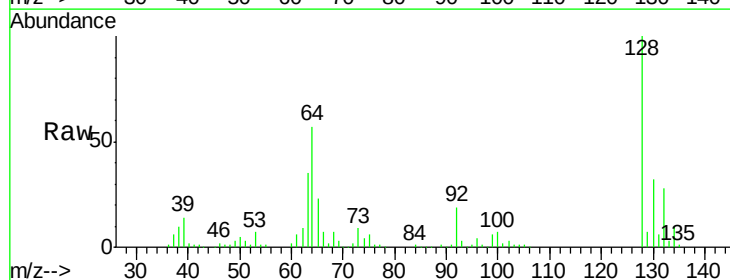
Tgt Ion: 128 Resp: 216613

Ion Ratio Lower Upper

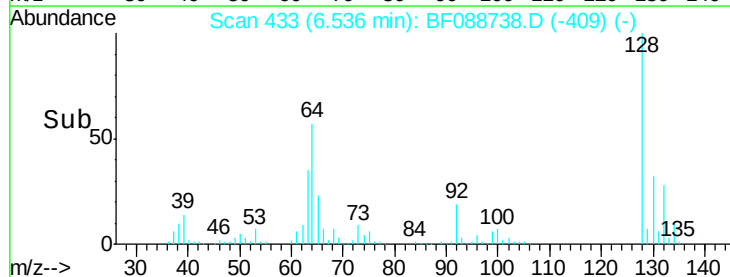
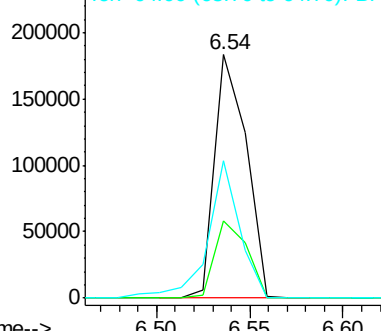
128 100

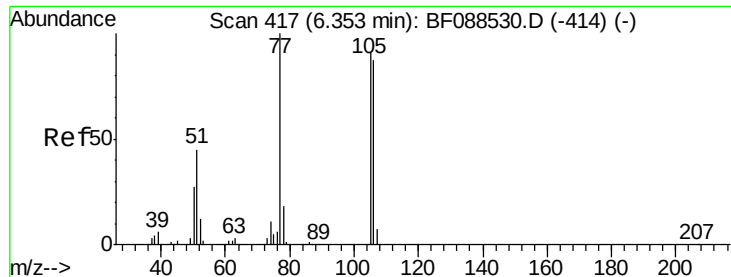
130 31.8 12.0 52.0

64 56.6 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: 35.81 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

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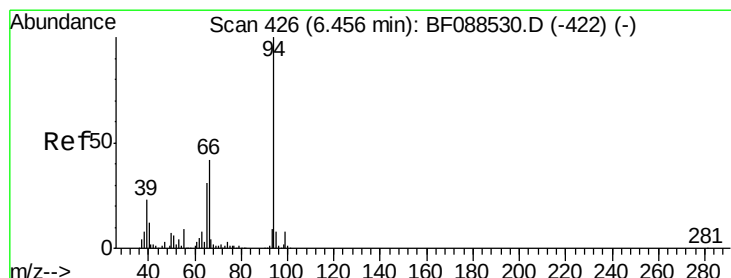
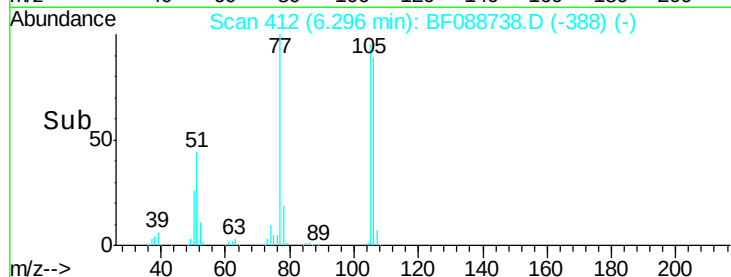
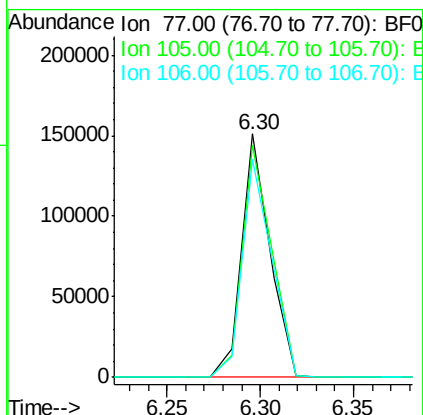
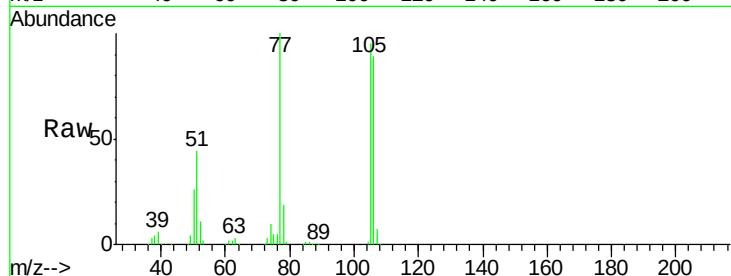
Tot Ion: 77 Resp: 158265

Ion Ratio Lower Upper

77 100

105 95.3 90.6 130.6

106 89.4 85.3 125.3



#10

Phenol

Concen: 43.02 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

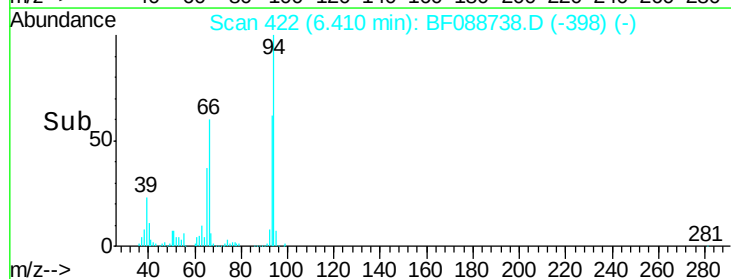
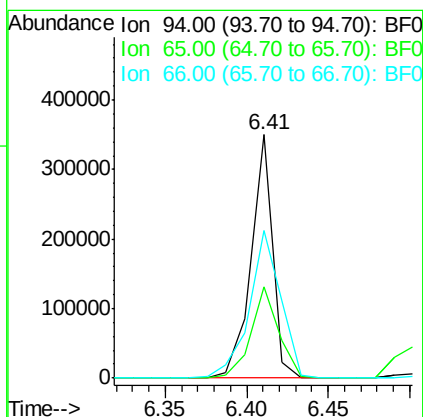
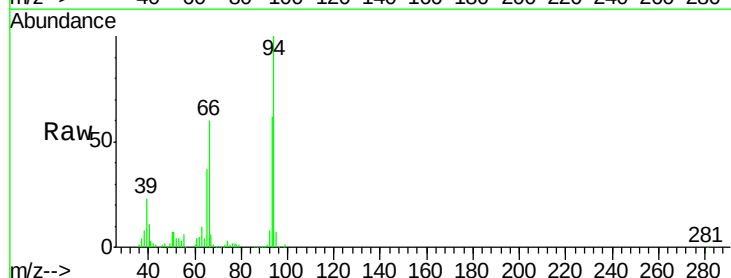
Tgt Ion: 94 Resp: 320327

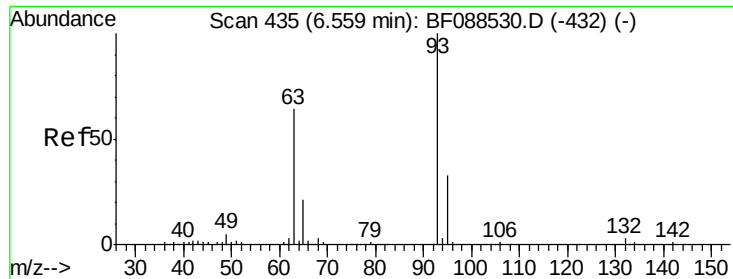
Ion Ratio Lower Upper

94 100

65 37.4 5.9 45.9

66 60.4 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 41.36 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

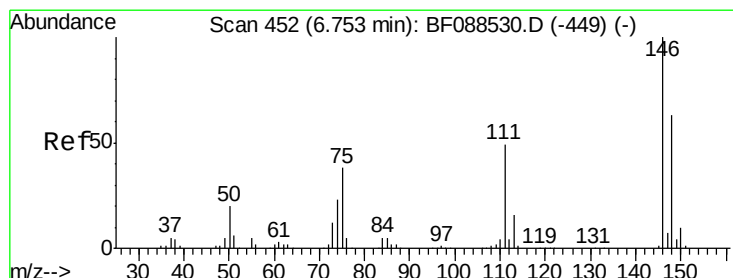
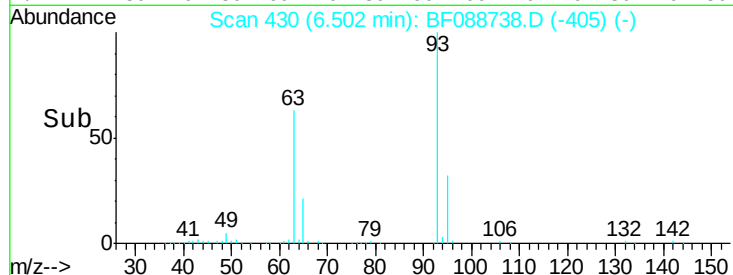
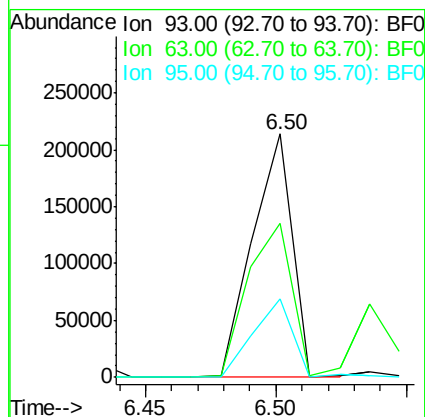
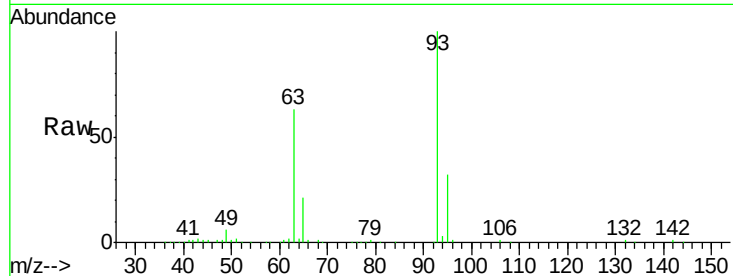
Tot Ion: 93 Resp: 229657

Ion Ratio Lower Upper

93 100

63 63.3 67.6 107.6#

95 32.1 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 39.98 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

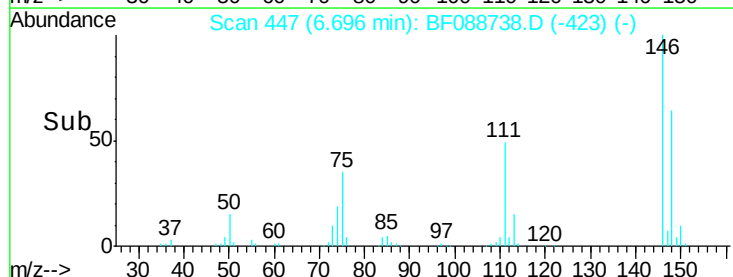
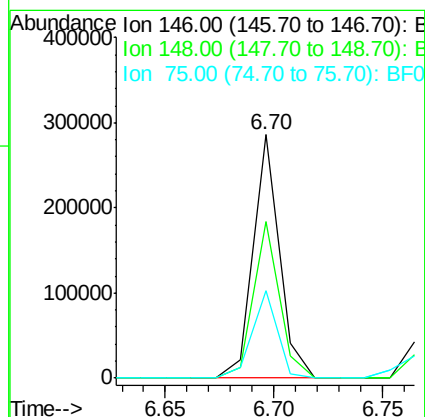
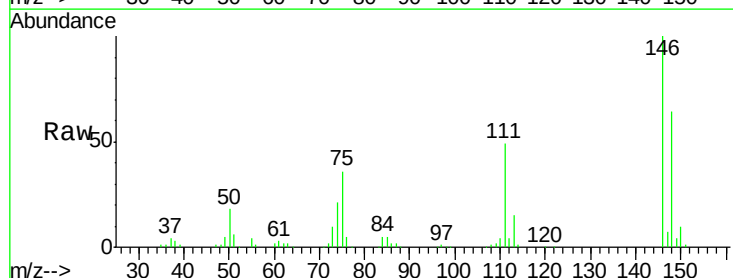
Tgt Ion: 146 Resp: 238763

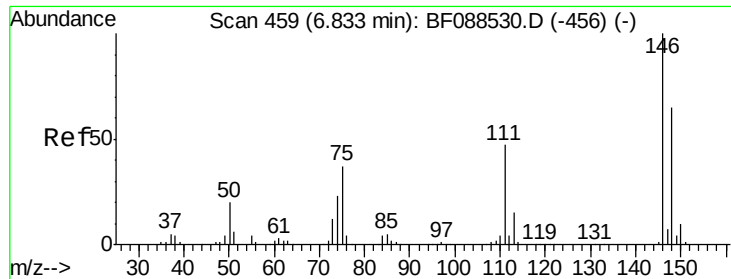
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

75 35.7 25.6 38.4

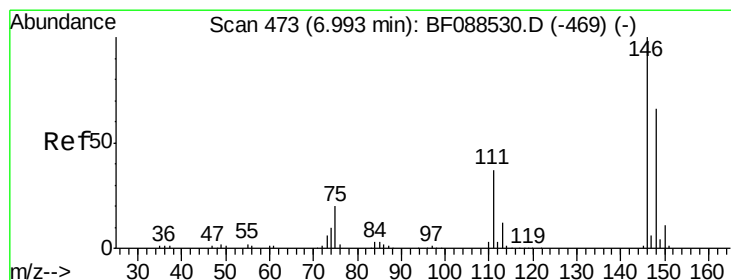
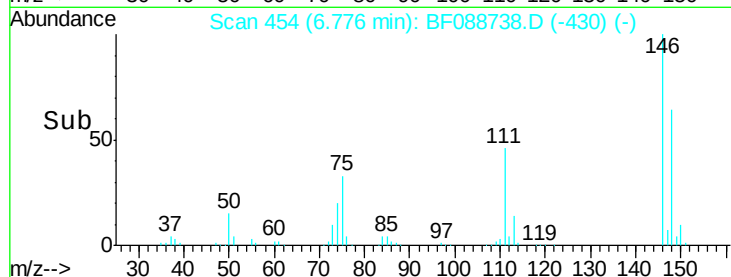
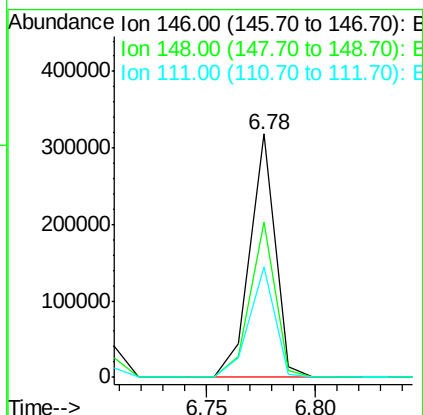
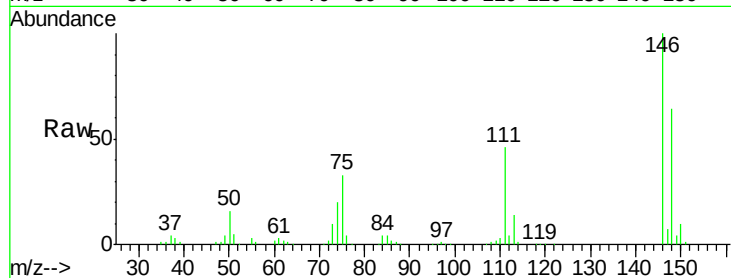




#13
 1,4-Dichlorobenzene
 Concen: 43.47 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

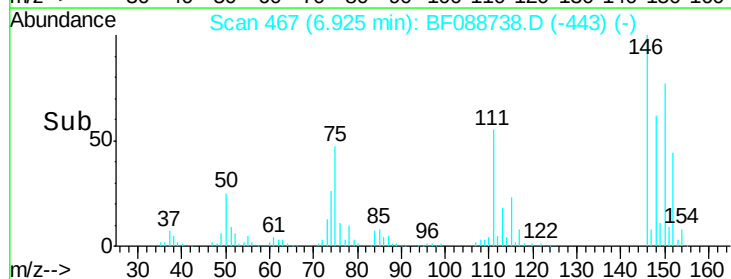
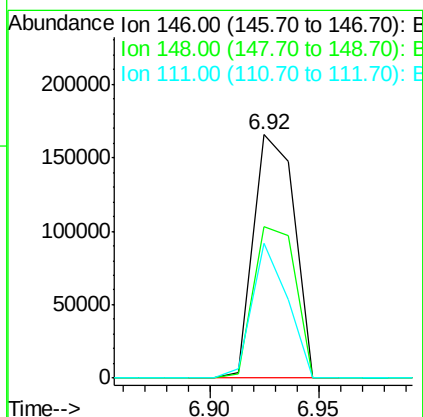
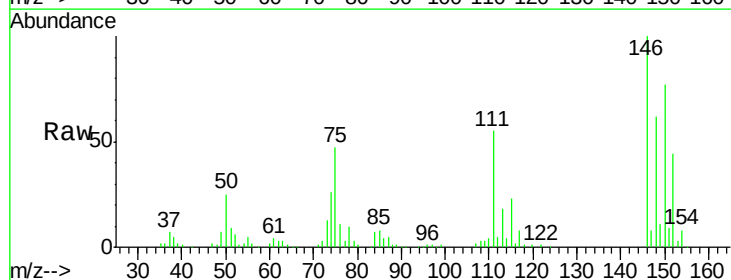
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

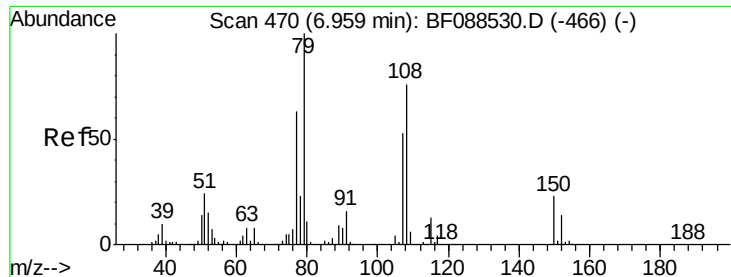
Tot Ion:146 Resp: 257644
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 45.6 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 39.13 ng
 RT: 6.92 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Tgt Ion:146 Resp: 217073
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.3 78.5
 111 55.1 28.7 43.1#





#15

Benzyl Alcohol

Concen: 40.84 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

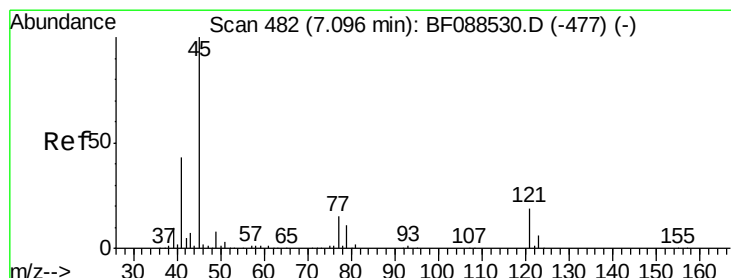
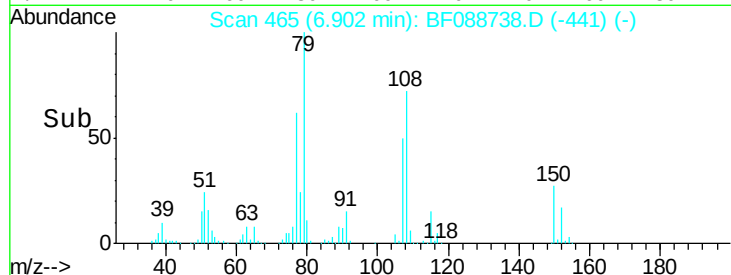
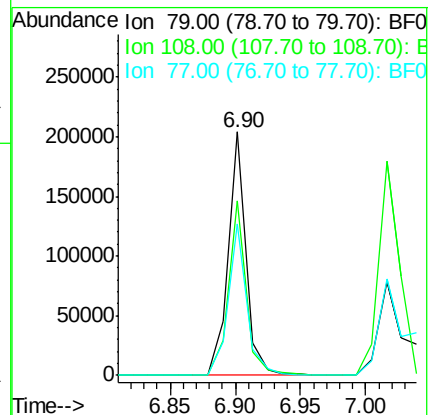
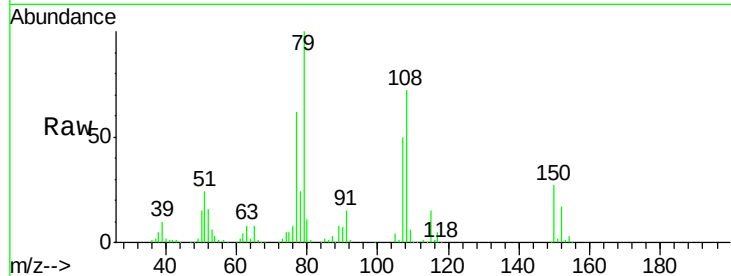
Tot Ion: 79 Resp: 196092

Ion Ratio Lower Upper

79 100

108 71.8 65.0 97.6

77 62.0 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.59 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

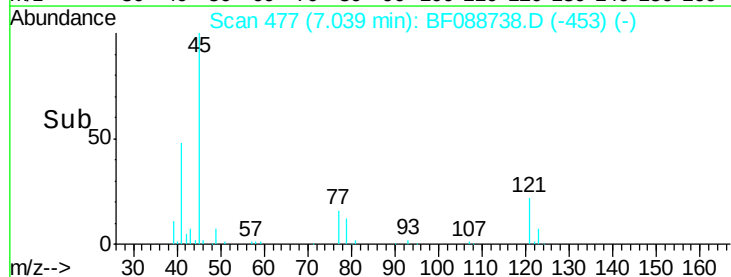
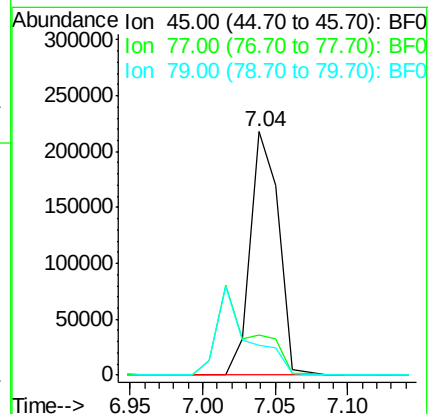
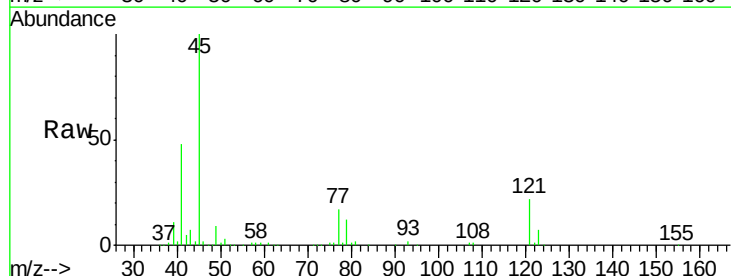
Tgt Ion: 45 Resp: 294194

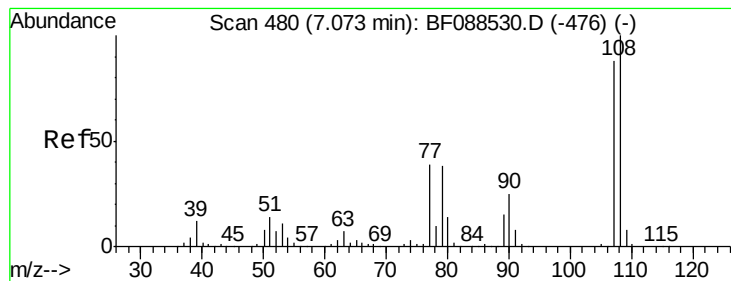
Ion Ratio Lower Upper

45 100

77 16.6 0.0 32.5

79 12.0 0.0 29.5

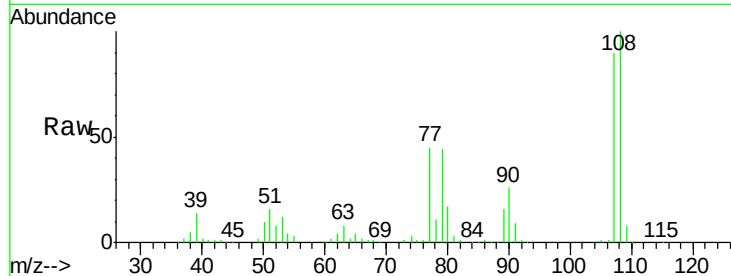




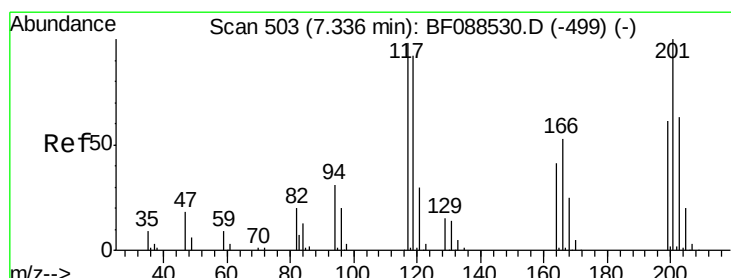
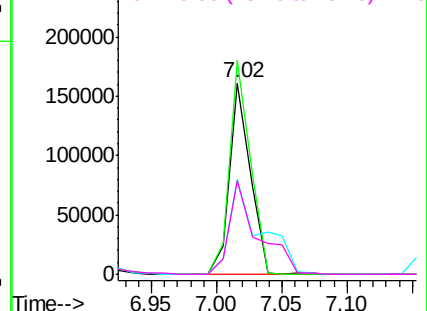
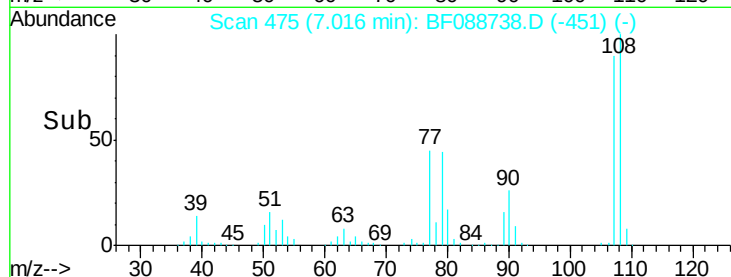
#17
2-Methylphenol
Concen: 40.61 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 179780
Ion Ratio Lower Upper
107 100
108 111.7 90.9 136.3
77 49.9 36.6 55.0
79 49.0 36.5 54.7

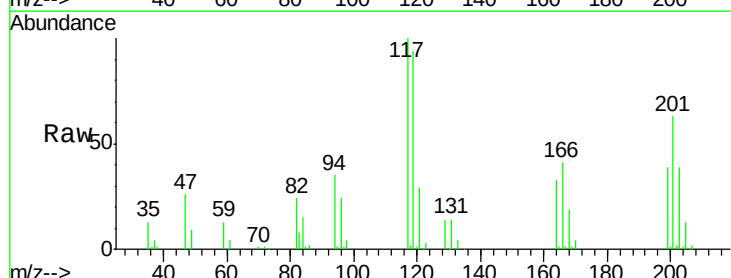


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

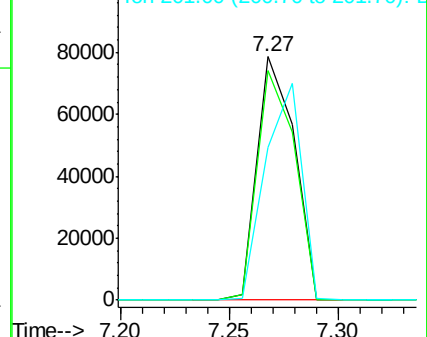
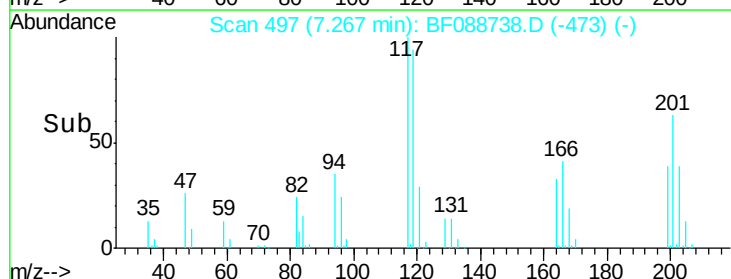


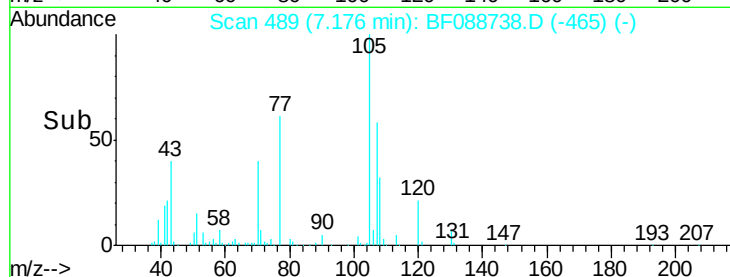
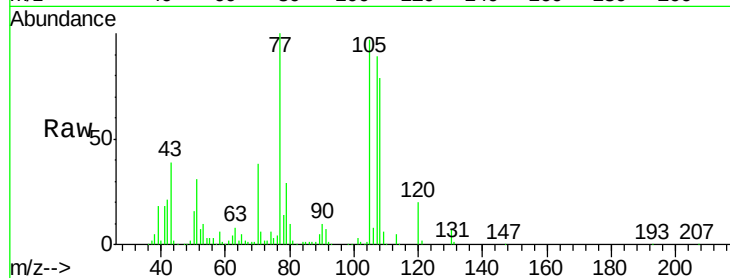
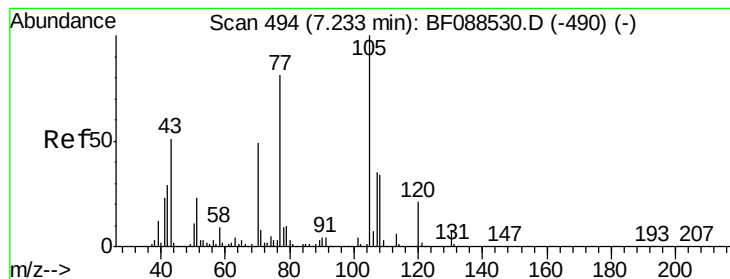
#18
Hexachloroethane
Concen: 41.09 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:117 Resp: 94202
Ion Ratio Lower Upper
117 100
119 94.1 77.4 116.2
201 62.5 80.4 120.6#



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





#19

n-Nitroso-di-n-propylamine

Concen: 39.44 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 172856

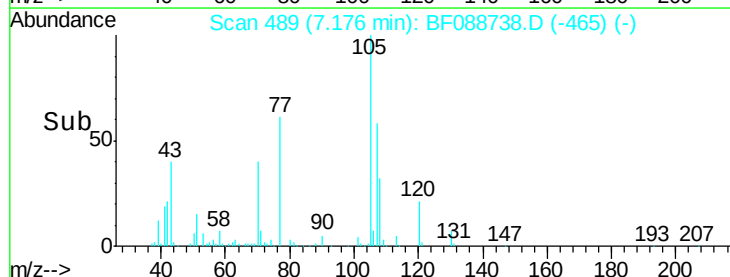
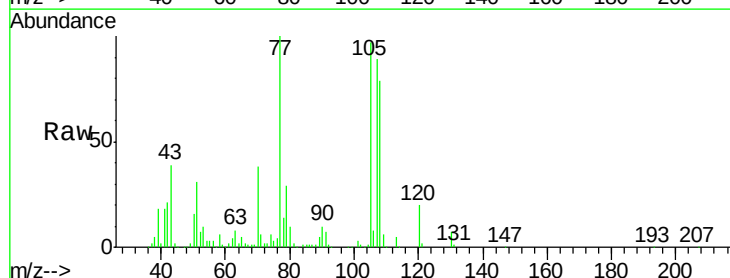
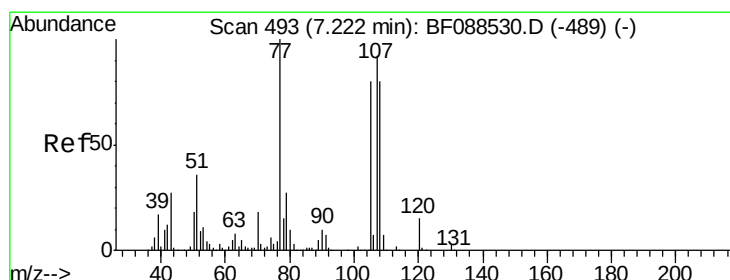
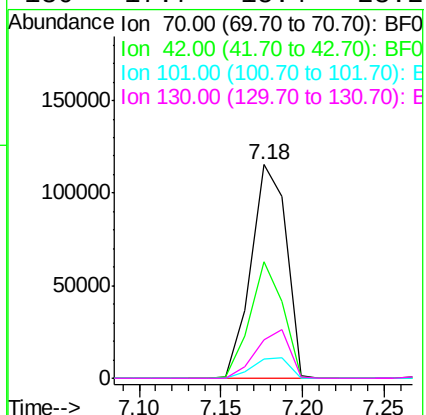
Ion Ratio Lower Upper

70 100

42 54.5 49.6 74.4

101 9.1 7.1 10.7

130 17.7 15.4 23.2



#20

3+4-Methylphenols

Concen: 42.66 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Tgt Ion:107 Resp: 226678

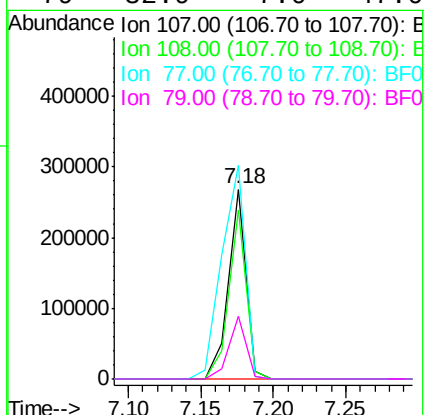
Ion Ratio Lower Upper

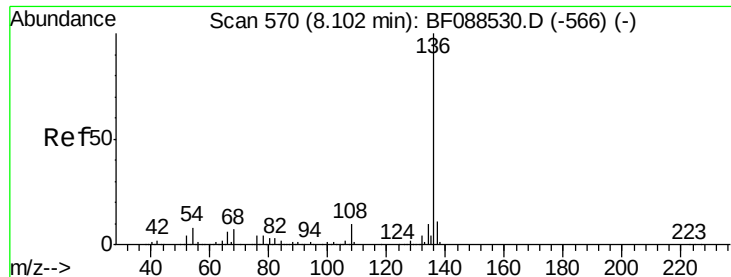
107 100

108 89.2 67.8 107.8

77 112.7 59.3 99.3#

79 32.9 7.0 47.0

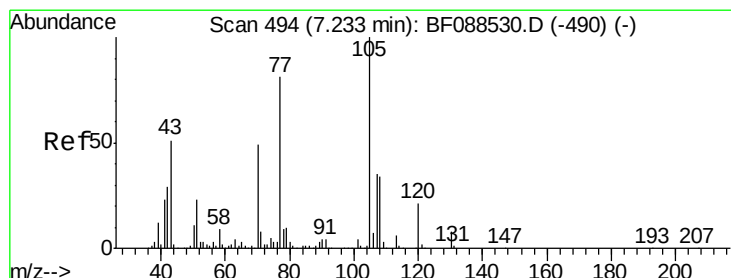
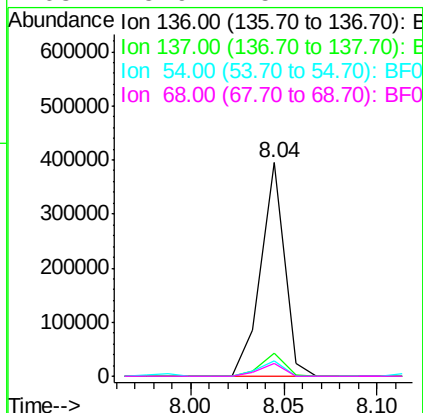
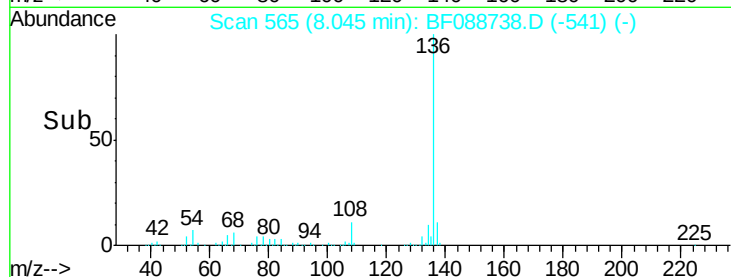
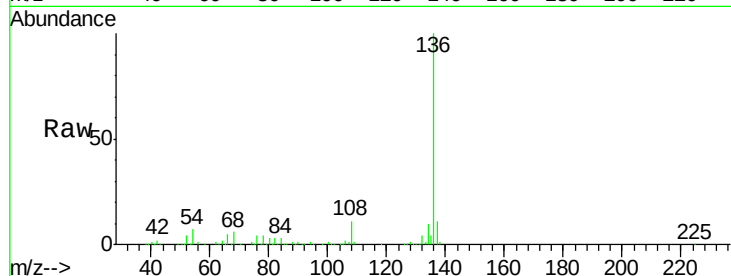




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

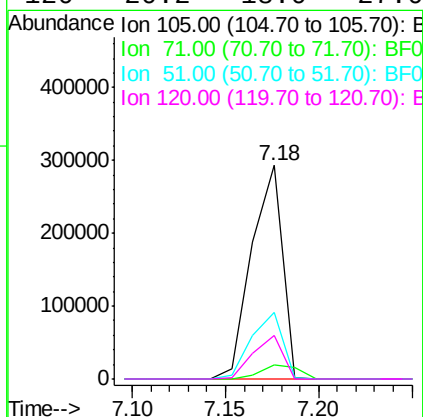
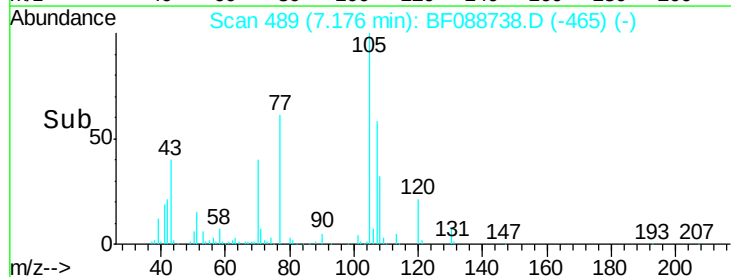
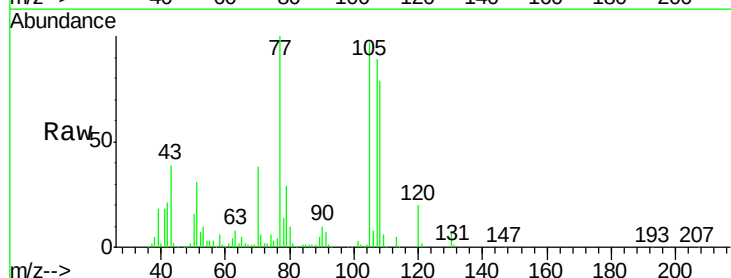
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

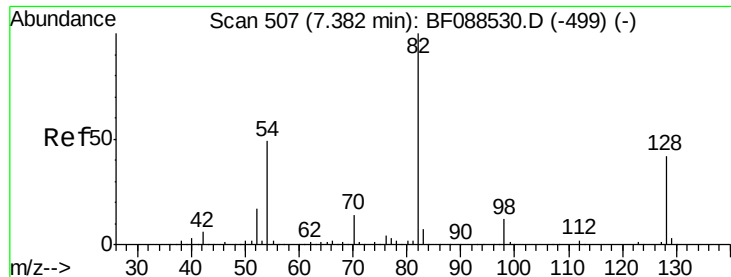
Tot Ion:136	Resp:	346515
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	7.0	6.6 10.0
68	5.9	5.1 7.7



#22
Acetophenone
Concen: 40.65 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:105	Resp:	341895
Ion Ratio	Lower	Upper
105	100	
71	6.6	5.3 7.9
51	31.5	18.2 27.4#
120	20.2	18.0 27.0





#23

Nitrobenzene-d5

Concen: 70.70 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

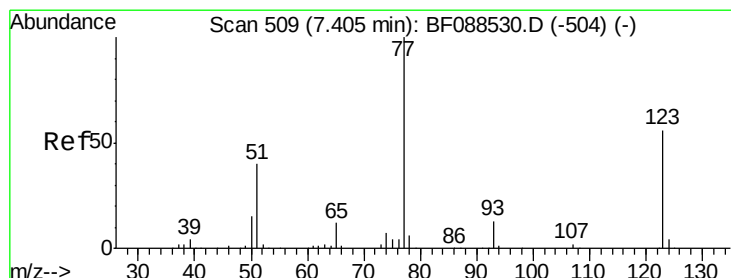
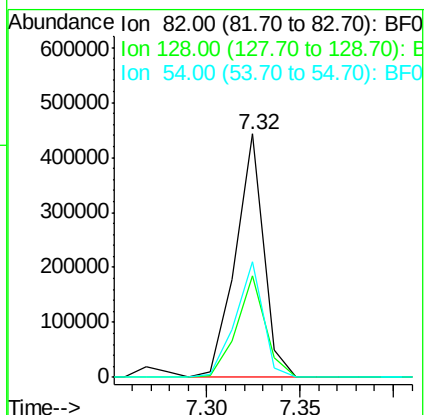
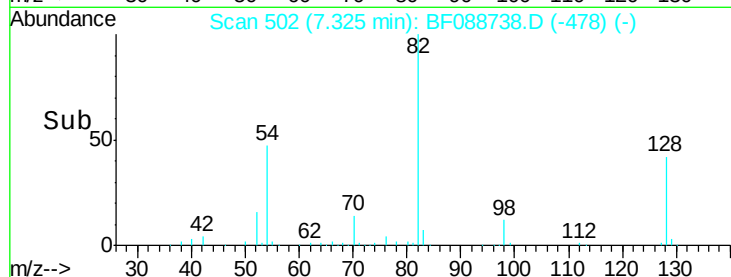
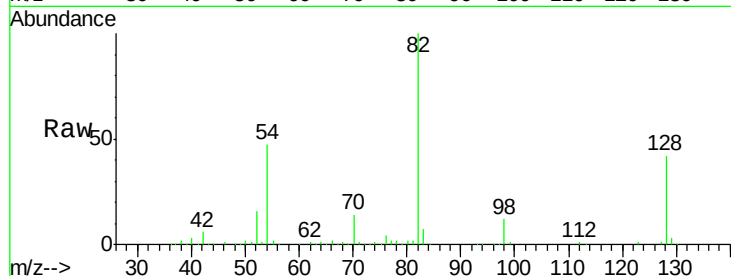
Tot Ion: 82 Resp: 467494

Ion Ratio Lower Upper

82 100

128 41.6 35.9 53.9

54 47.3 40.9 61.3



#24

Nitrobenzene

Concen: 41.54 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

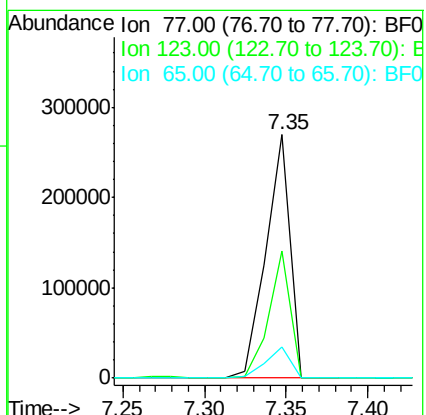
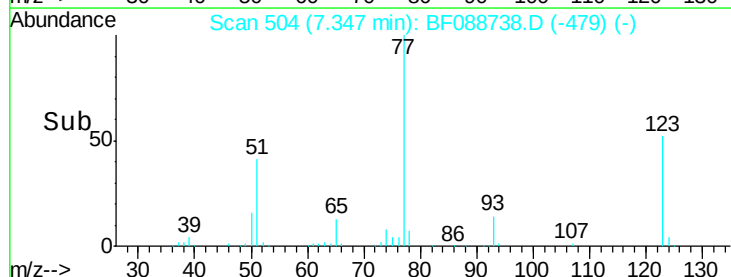
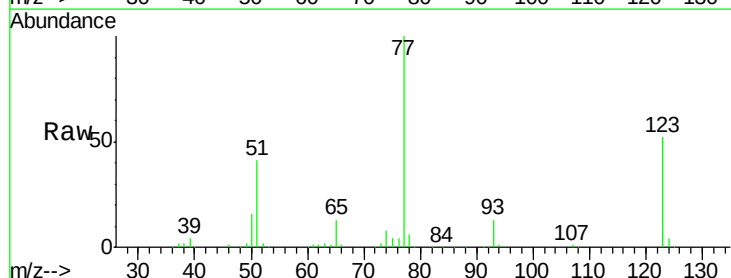
Tgt Ion: 77 Resp: 276919

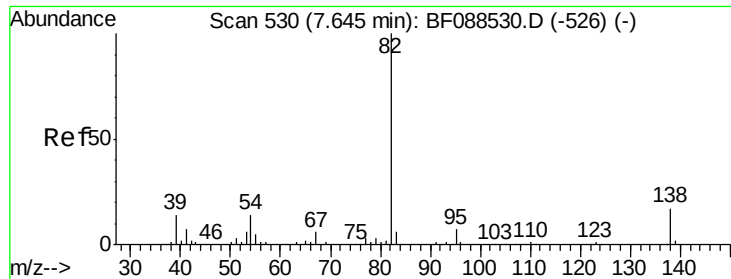
Ion Ratio Lower Upper

77 100

123 52.0 45.0 67.4

65 12.6 10.2 15.2





#25

Isophorone

Concen: 38.22 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

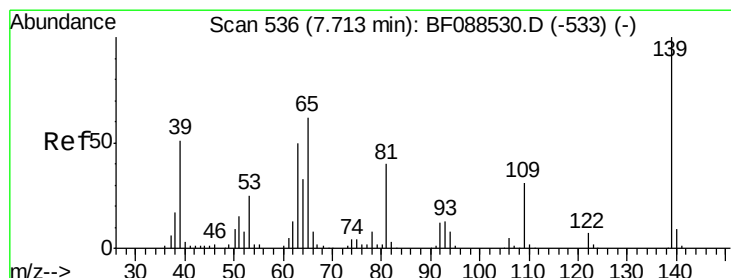
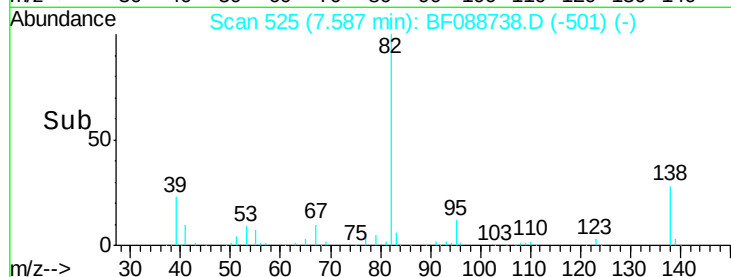
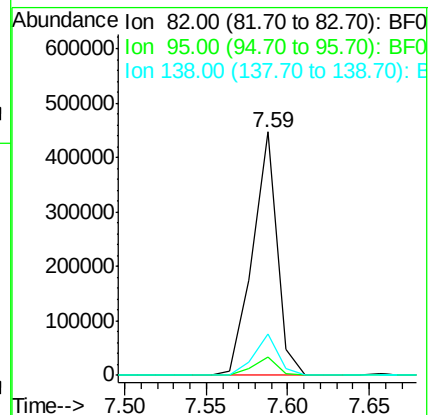
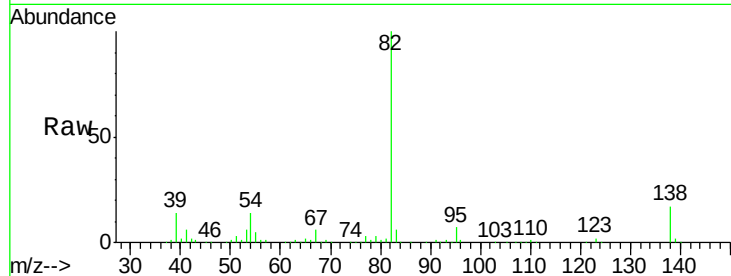
Tot Ion: 82 Resp: 468180

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 17.0 14.6 21.8



#26

2-Nitrophenol

Concen: 40.12 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

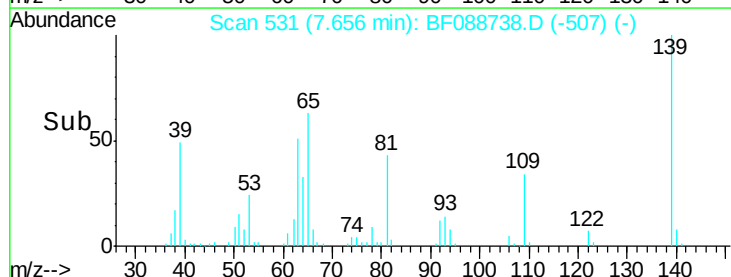
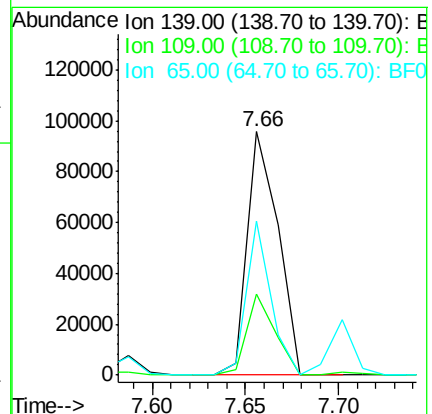
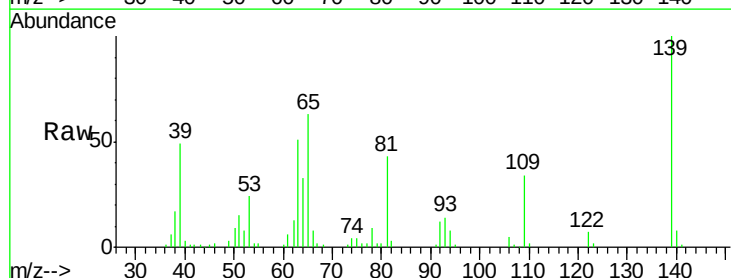
Tgt Ion: 139 Resp: 109689

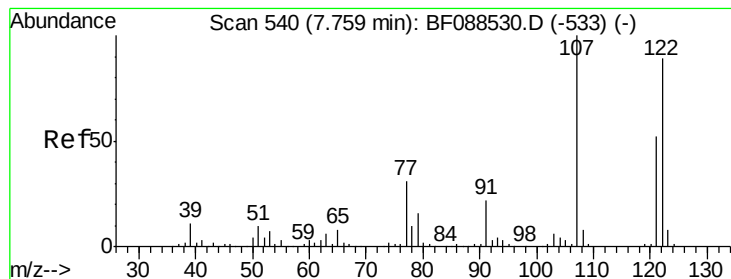
Ion Ratio Lower Upper

139 100

109 33.5 23.0 34.4

65 63.0 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 34.90 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

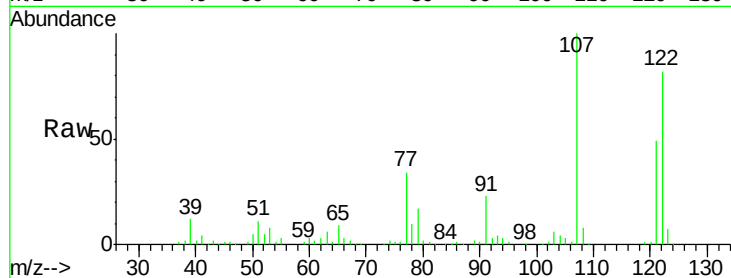
Tot Ion:122 Resp: 198724

Ion Ratio Lower Upper

122 100

107 121.4 82.4 123.6

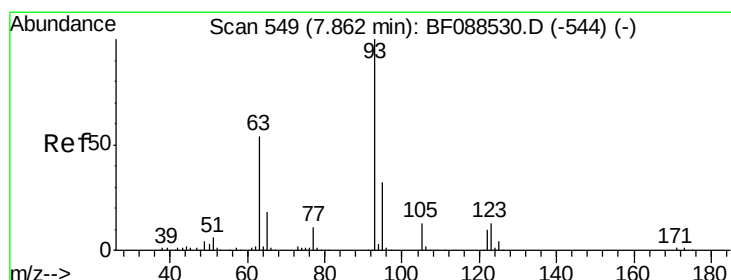
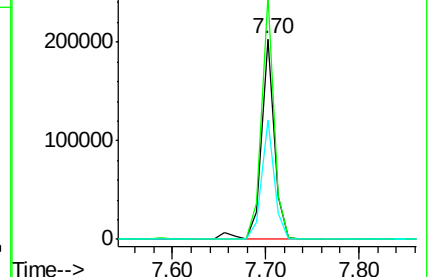
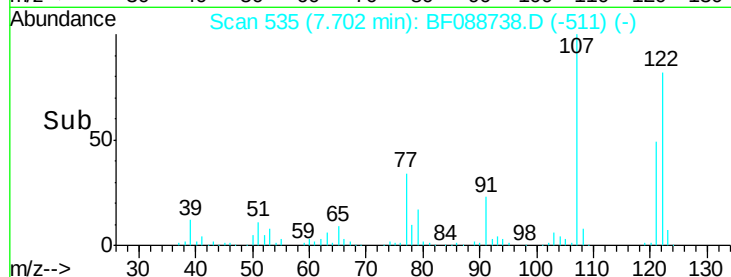
121 59.7 46.3 69.5



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: 7.80 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

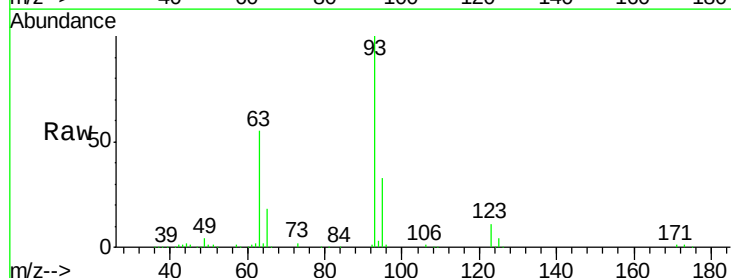
Tgt Ion: 93 Resp: 314865

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

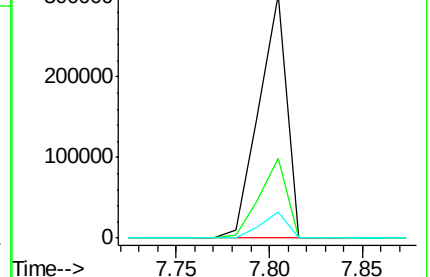
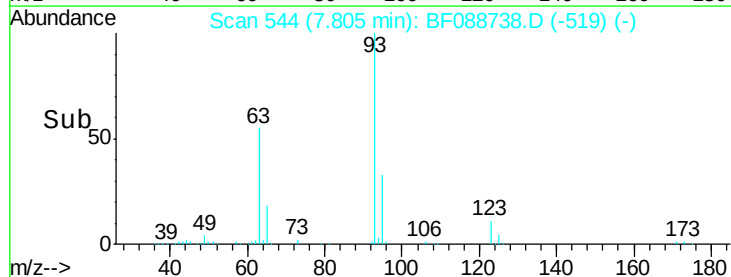
123 10.8 11.6 17.4#

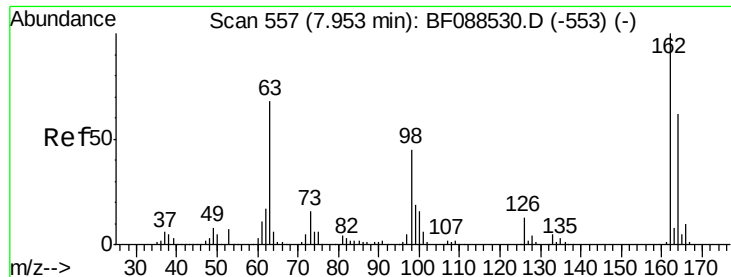


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

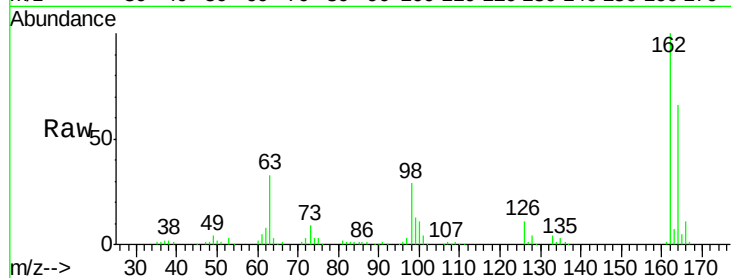




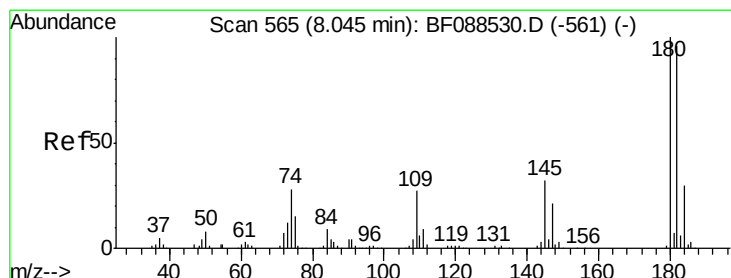
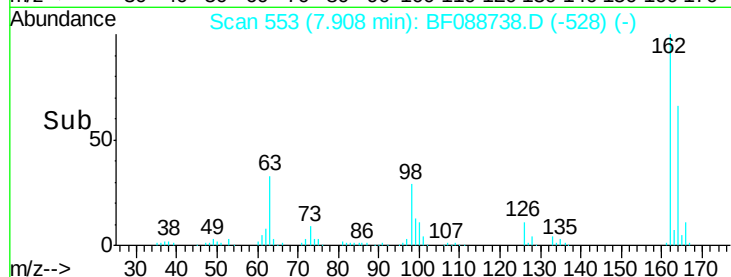
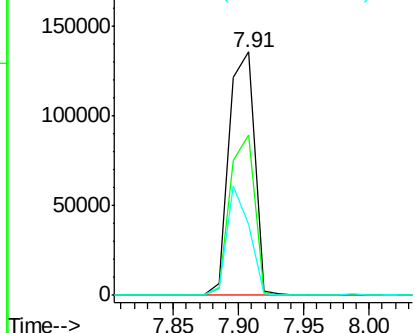
#29
 2,4-Dichlorophenol
 Concen: 39.87 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 183469
 Ion Ratio Lower Upper
 162 100
 164 66.1 43.8 83.8
 98 29.3 21.3 61.3

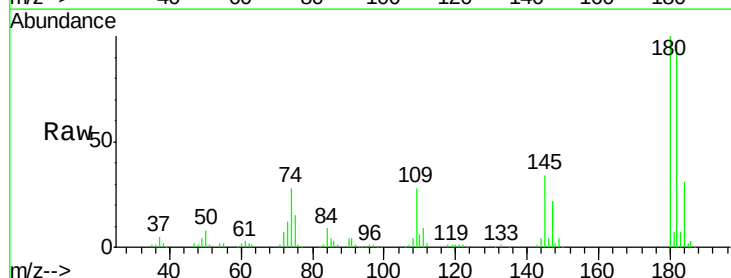


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

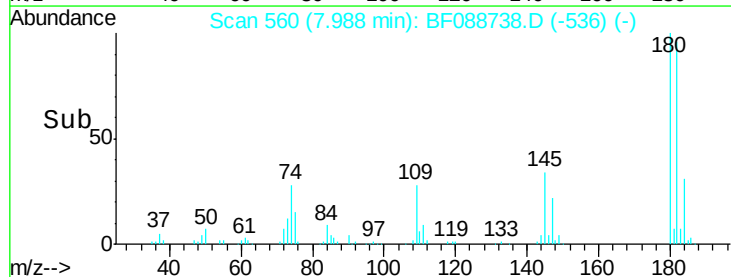
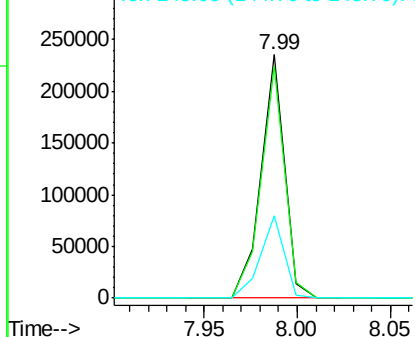


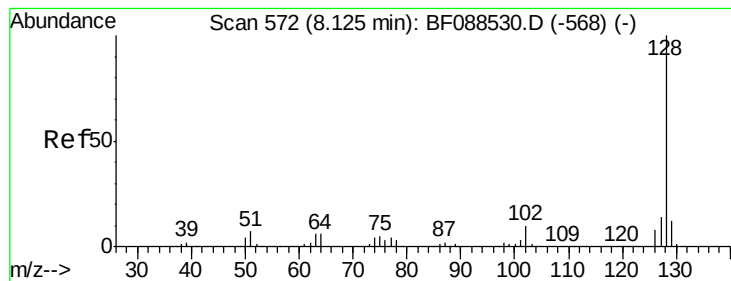
#30
 1,2,4-Trichlorobenzene
 Concen: 40.51 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Tgt Ion:180 Resp: 204586
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.0 114.0
 145 33.7 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: 43.37 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

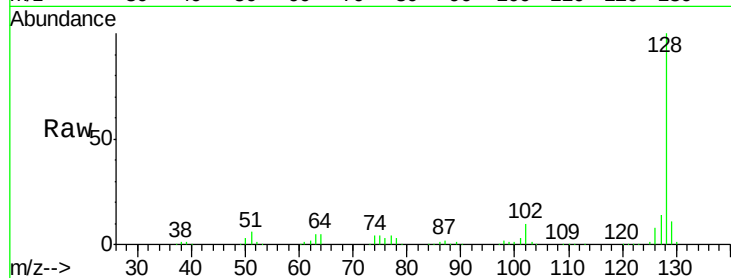
Tot Ion:128 Resp: 740868

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.2

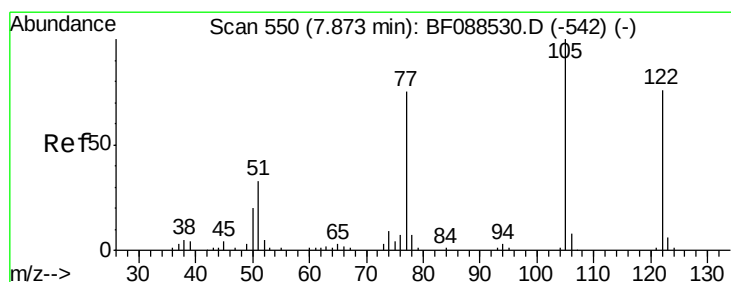
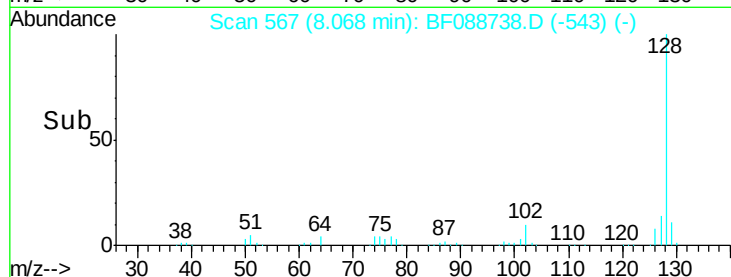
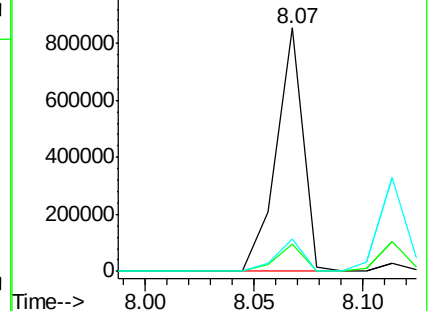
127 13.6 10.9 16.3



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: 48.07 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.16 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

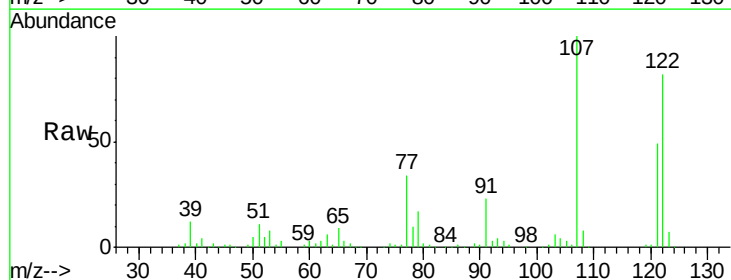
Tgt Ion:122 Resp: 198724

Ion Ratio Lower Upper

122 100

105 4.1 101.6 141.6#

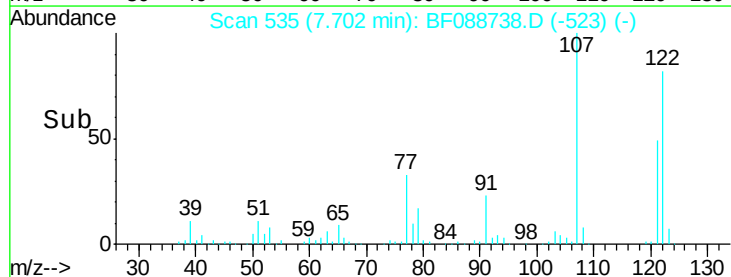
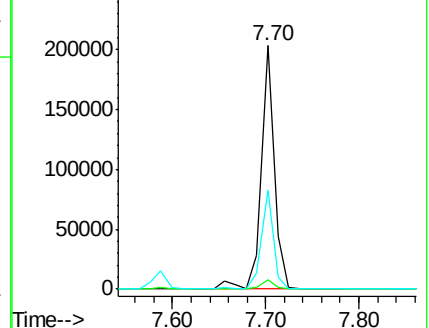
77 40.8 70.6 110.6#

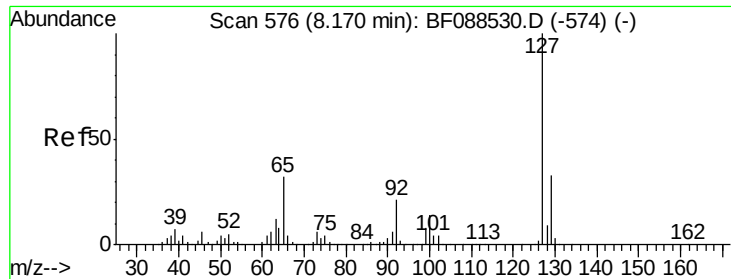


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

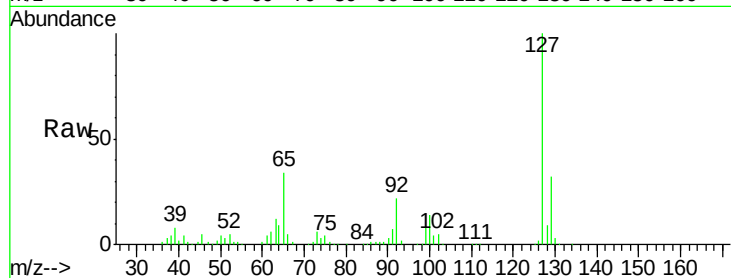




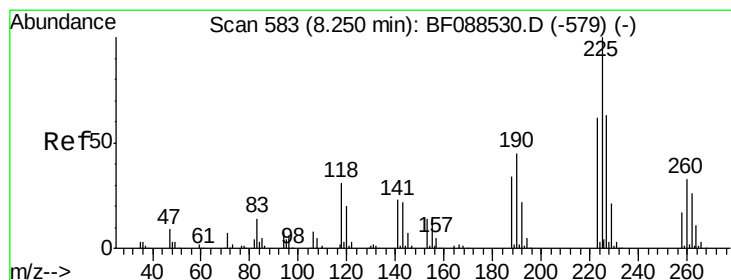
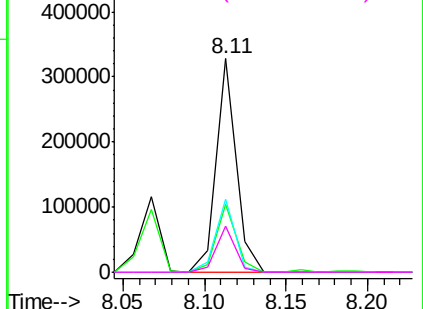
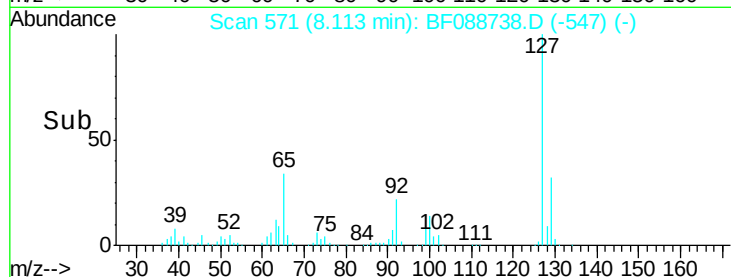
#33
4-Chloroaniline
Concen: 37.17 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	282528
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	34.2	24.7	37.1
92	21.8	15.4	23.0

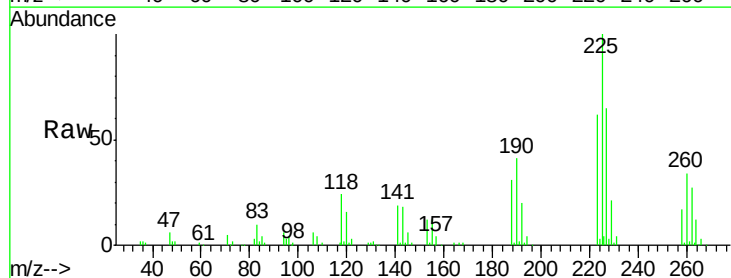


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

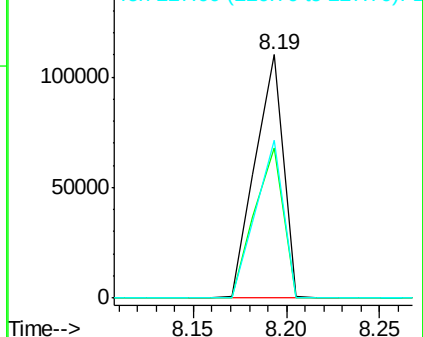
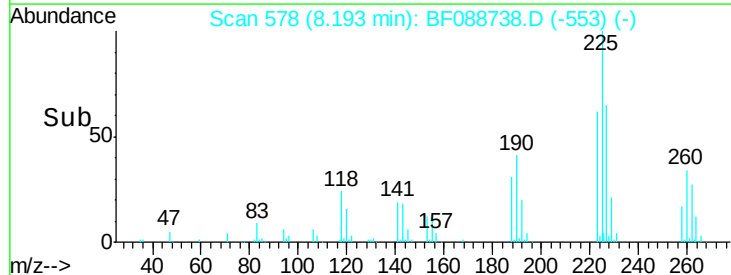


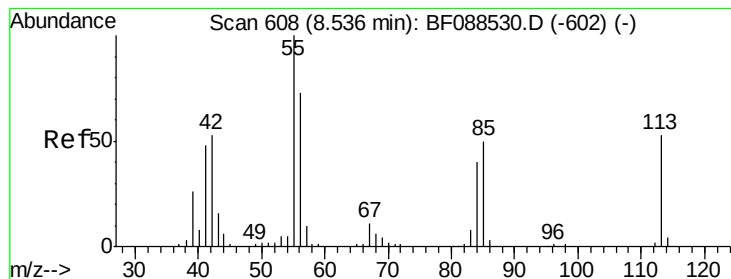
#34
Hexachlorobutadiene
Concen: 42.37 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:	225	Resp:	114585
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.9	76.3
227	64.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.65 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

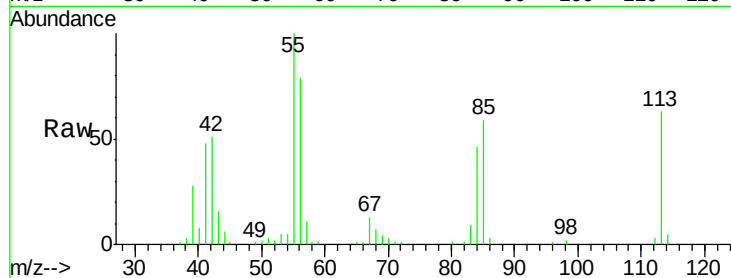
Tot Ion:113 Resp: 57284

Ion Ratio Lower Upper

113 100

55 158.3 158.6 198.6#

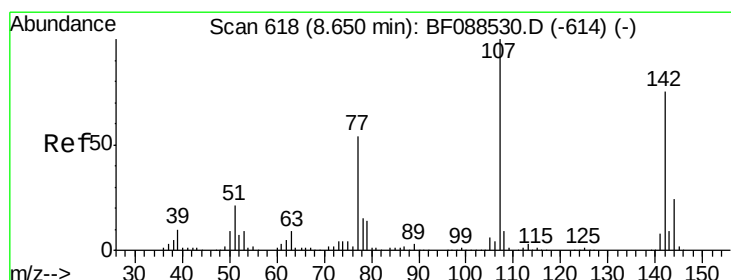
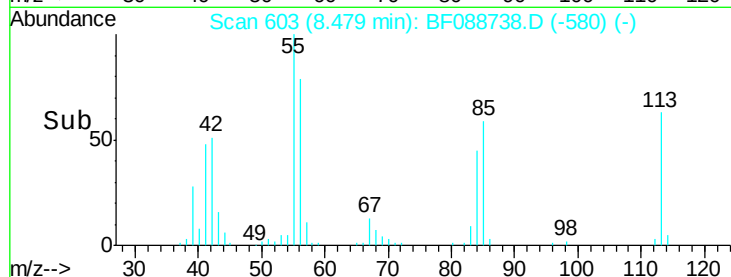
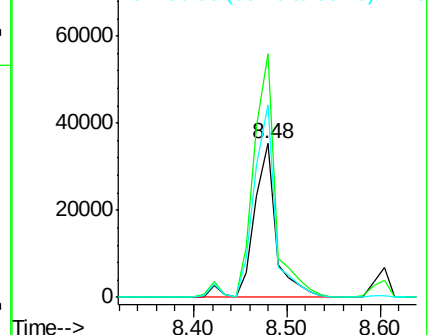
56 125.1 110.6 150.6



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: 44.01 ng

RT: 8.60 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

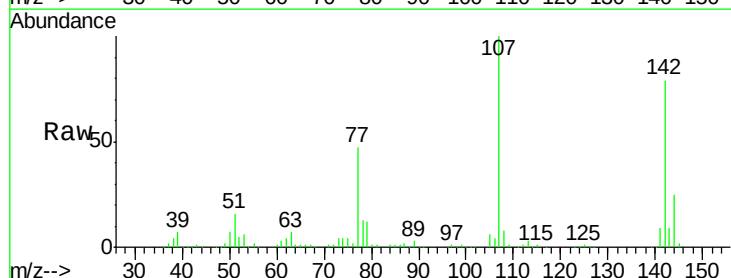
Tgt Ion:107 Resp: 239513

Ion Ratio Lower Upper

107 100

144 25.4 20.8 31.2

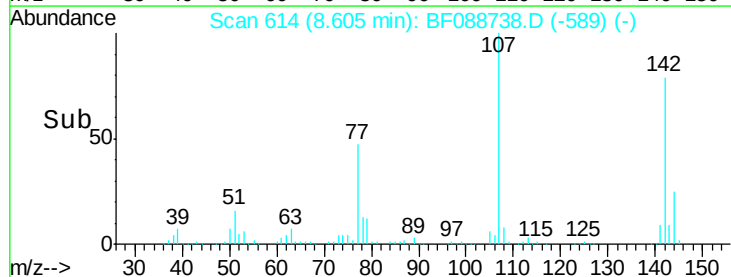
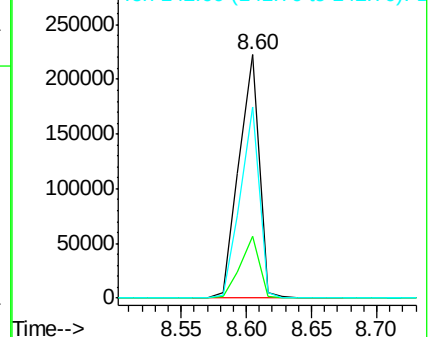
142 78.6 63.4 95.2

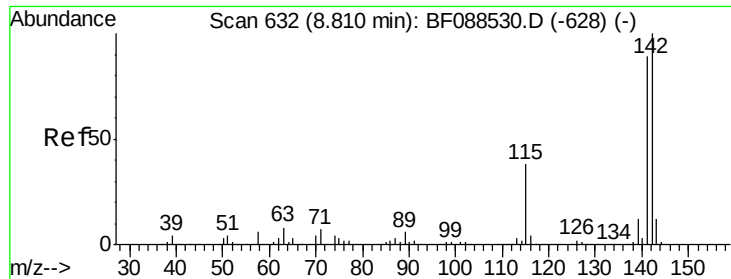


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

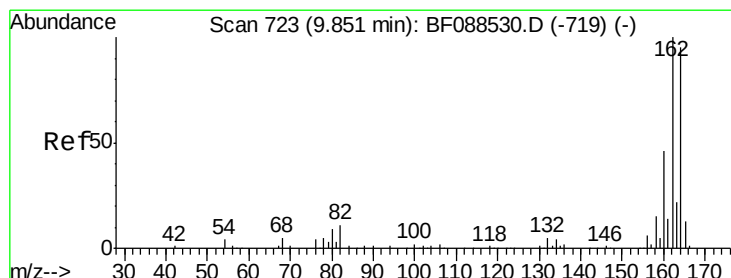
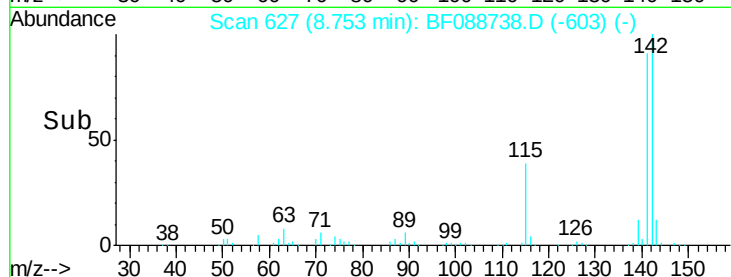
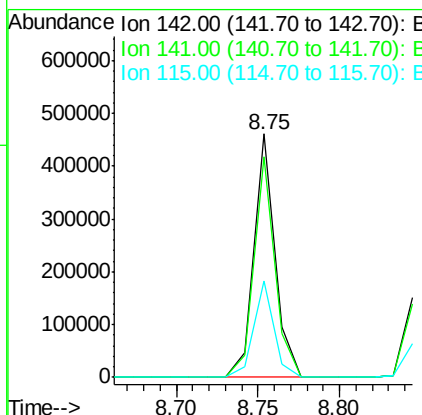
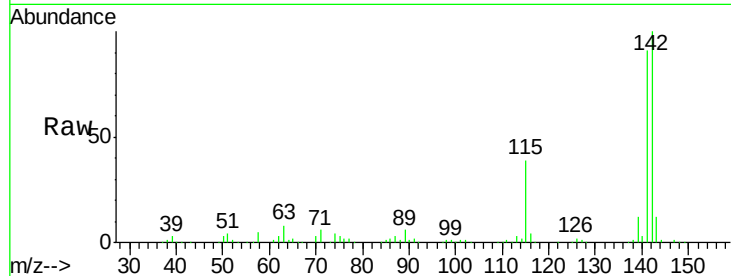




#37
 2-Methylnaphthalene
 Concen: 37.64 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

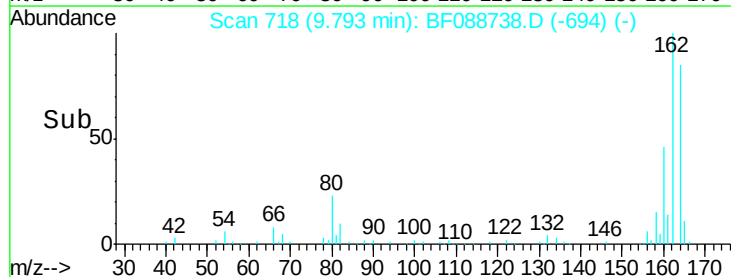
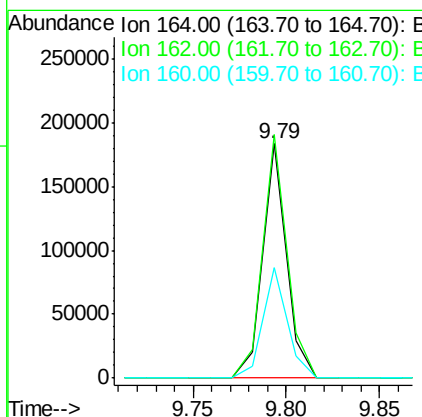
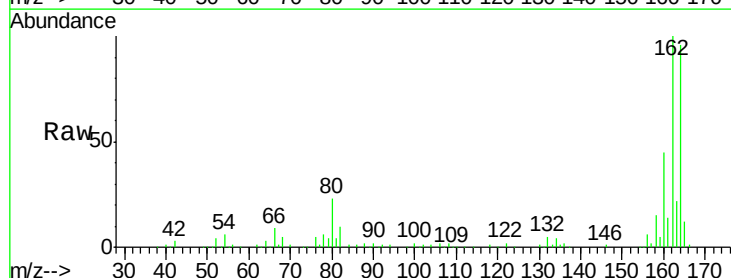
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

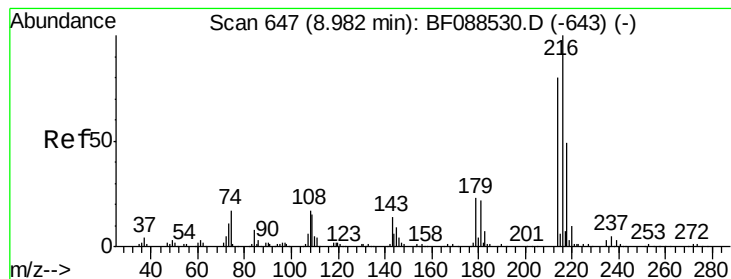
Tot Ion:142 Resp: 414000
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 39.4 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Tgt Ion:164 Resp: 160034
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.4 128.2
 160 47.0 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.58 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 242631

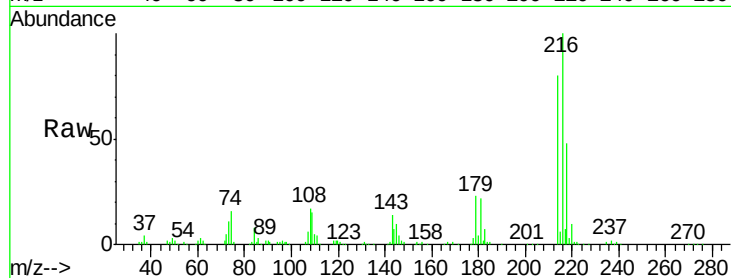
Ion Ratio Lower Upper

216 100

214 79.9 2.9 4.3#

179 23.6 0.0 0.0#

108 21.4 0.5 0.7#

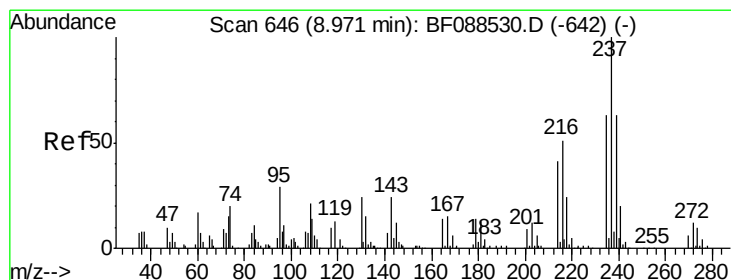
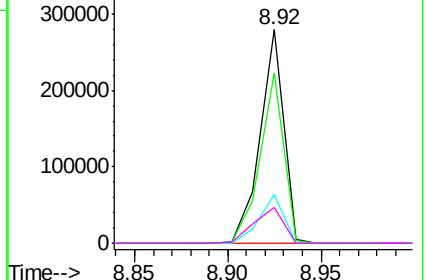
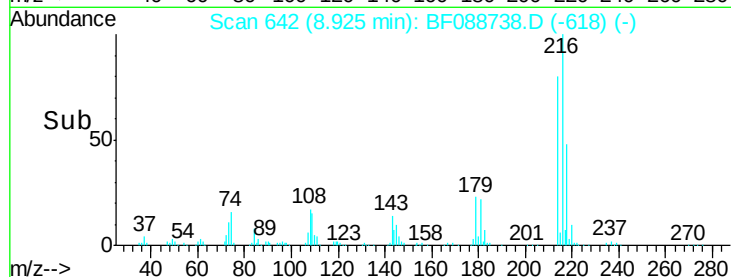


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.38 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

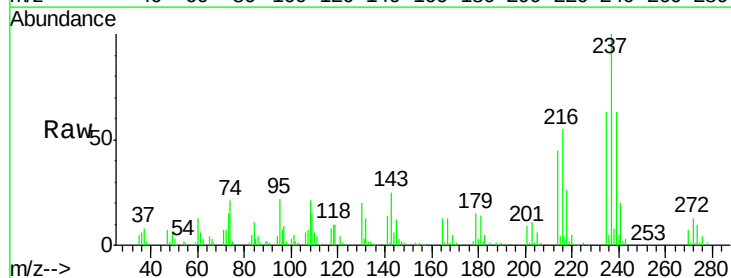
Tgt Ion:237 Resp: 97658

Ion Ratio Lower Upper

237 100

235 63.4 43.4 83.4

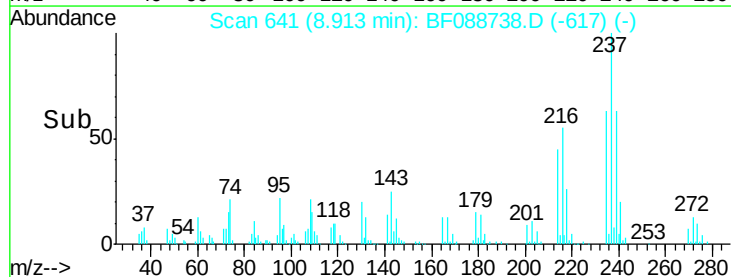
272 12.6 0.0 32.3



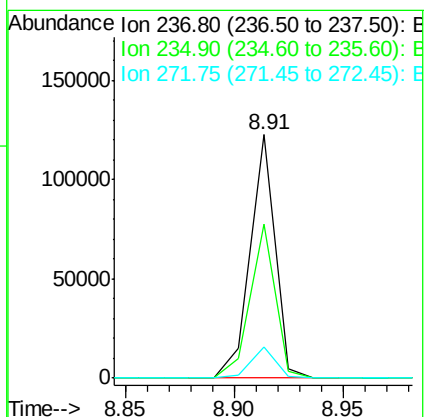
Abundance Ion 236.80 (236.50 to 237.50): E

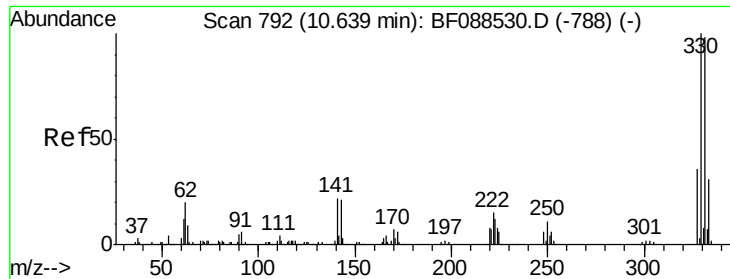
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

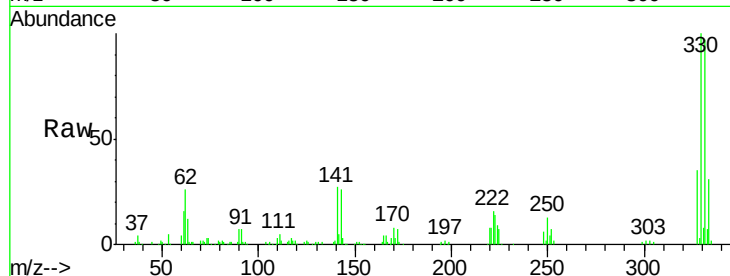




#41
 2,4,6-Tribromophenol
 Concen: 85.19 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	37.9	0.0	0.0#

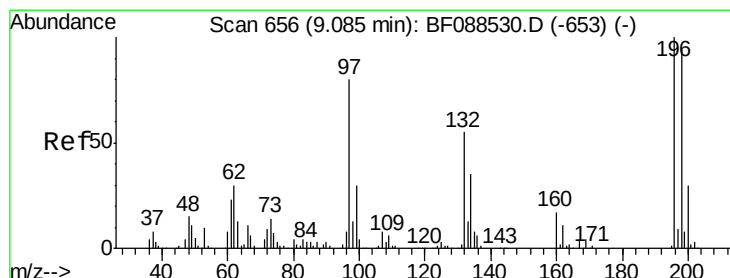
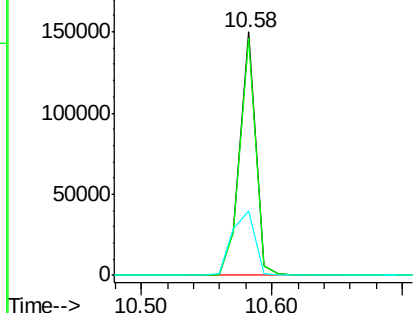
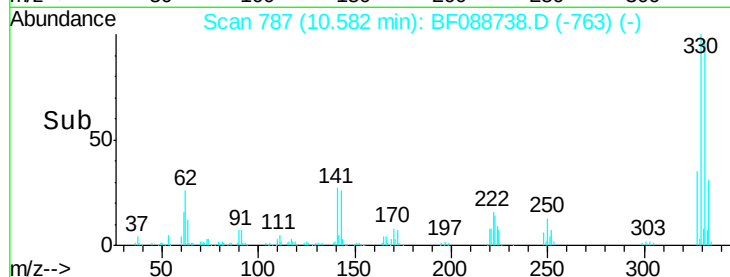


Abundance

Ion 329.80 (329.50 to 330.50): E

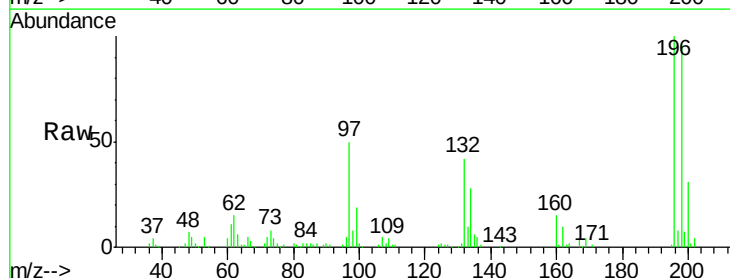
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.77 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.0	117.0
200	31.0	25.4	38.2

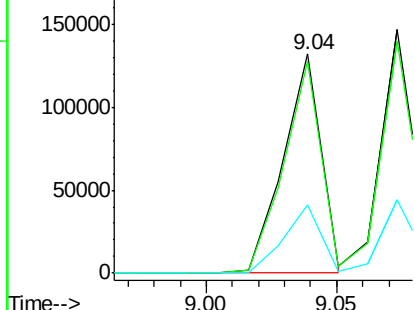
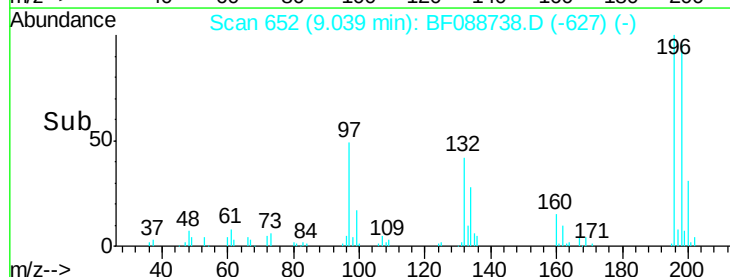


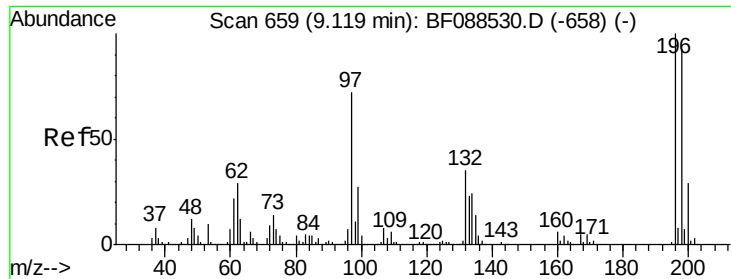
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

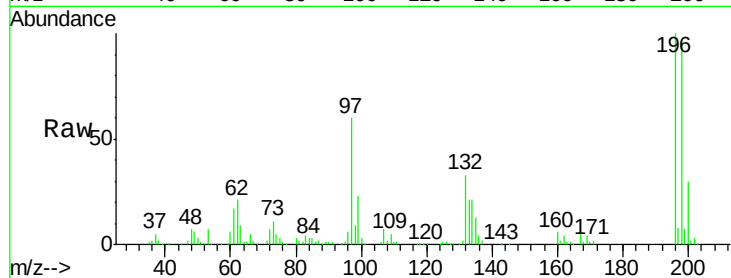




#43
 2,4,5-Trichlorophenol
 Concen: 43.49 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.5	116.3
97	60.4	32.0	48.0
132	32.6	20.9	31.3



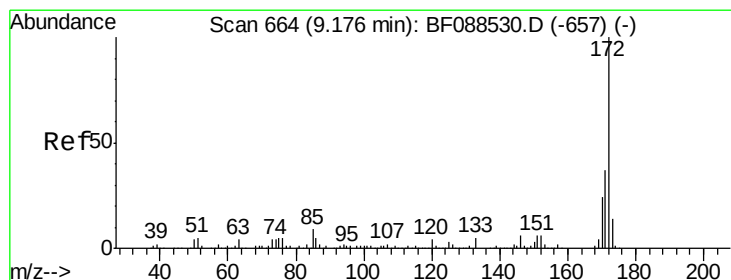
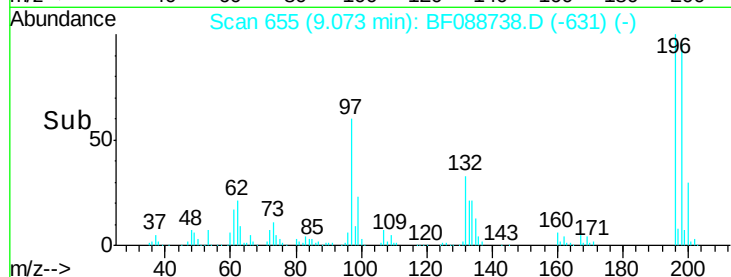
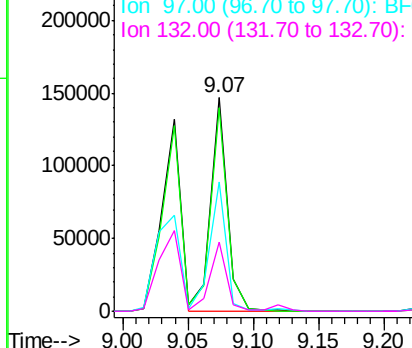
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

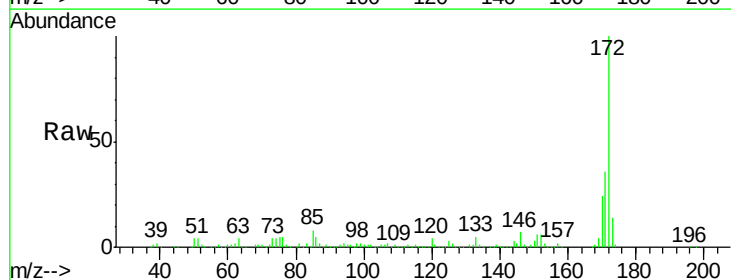
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.04 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	19.2	28.8

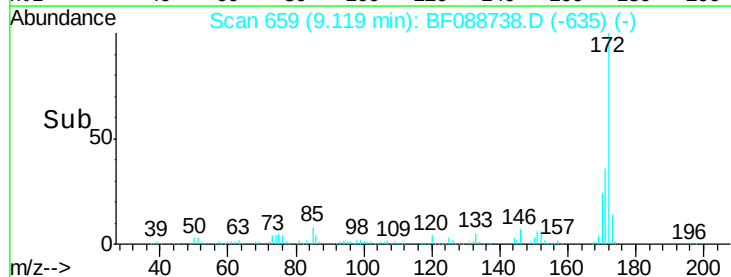
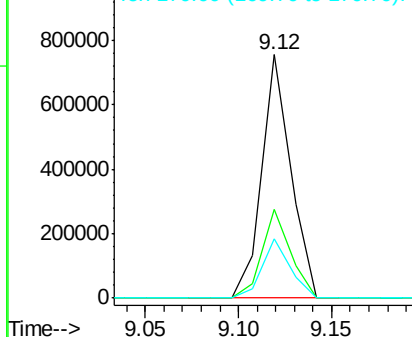


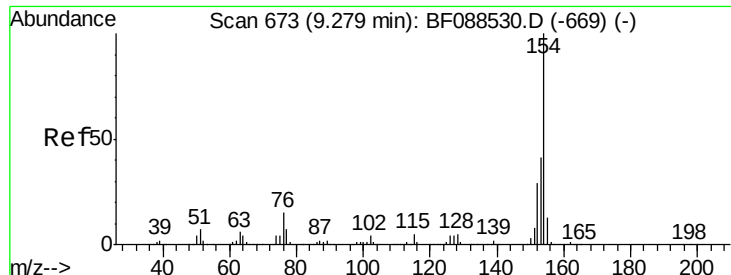
Abundance

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: 43.21 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

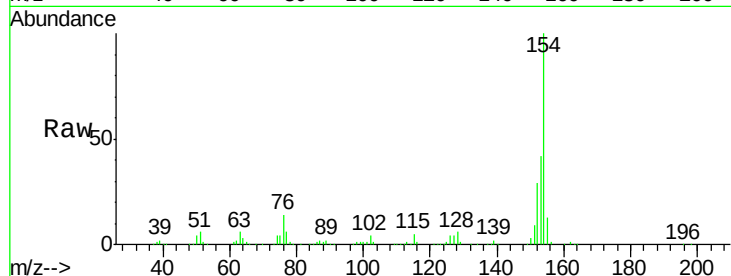
Tot Ion:154 Resp: 572628

Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

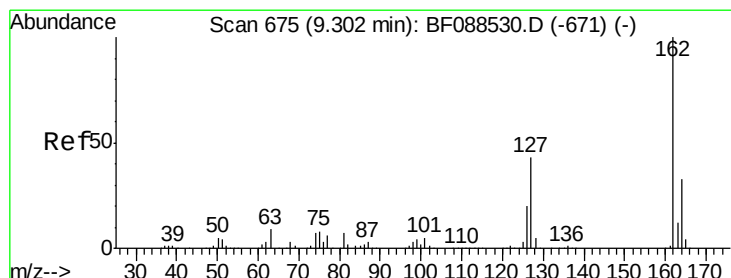
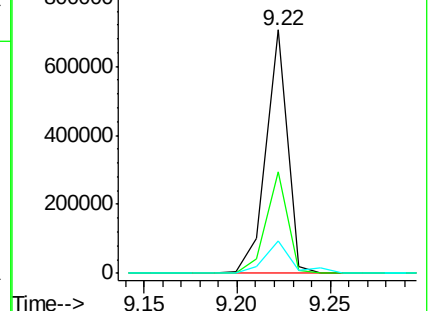
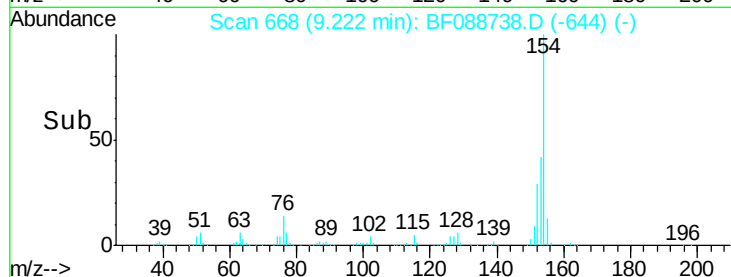
76 13.6 0.0 35.1



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: 42.38 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

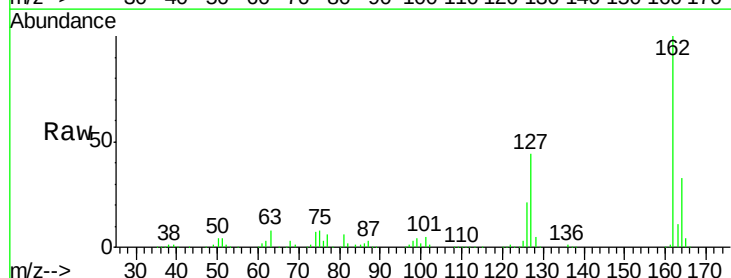
Tgt Ion:162 Resp: 440847

Ion Ratio Lower Upper

162 100

127 44.2 35.2 52.8

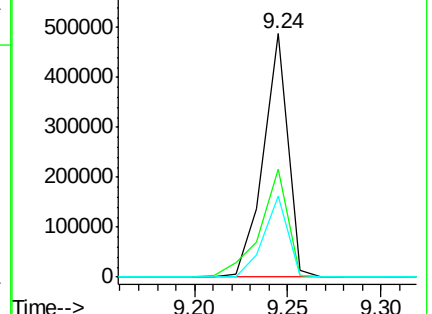
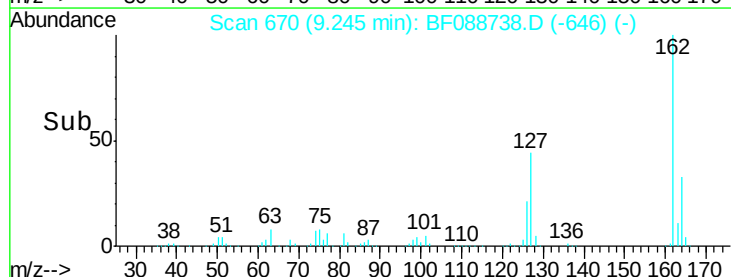
164 33.5 26.6 39.8

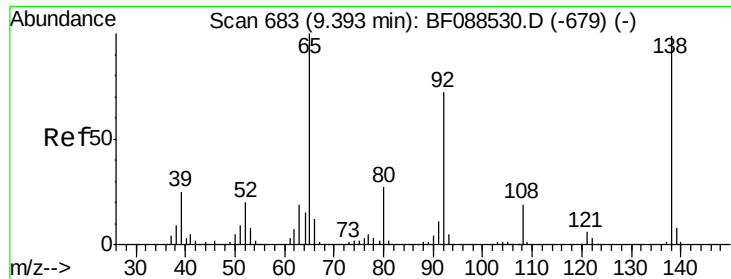


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

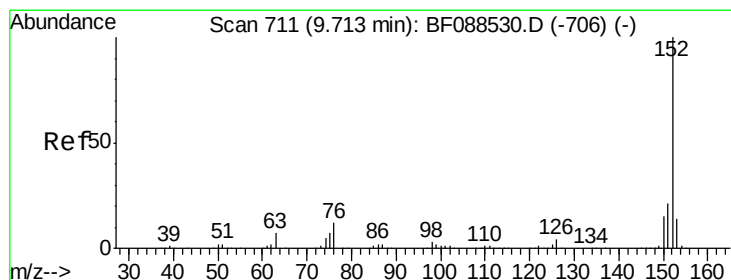
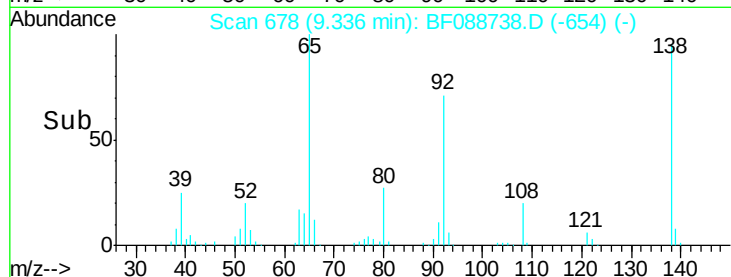
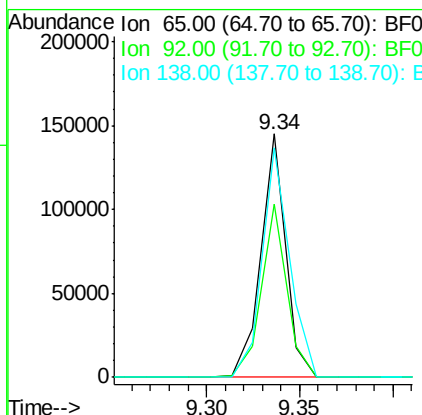
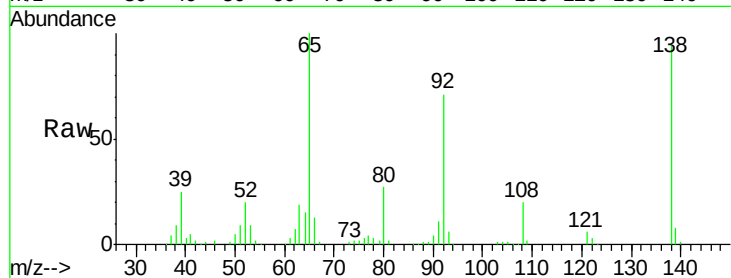




#47
2-Nitroaniline
Concen: 35.91 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

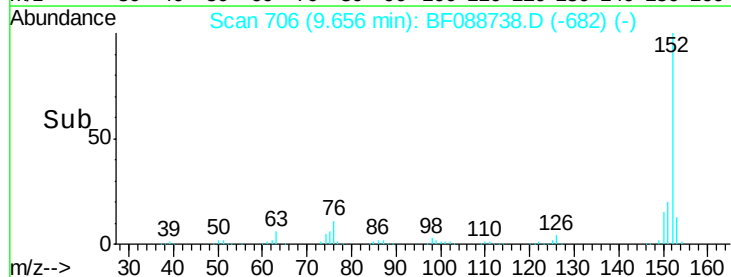
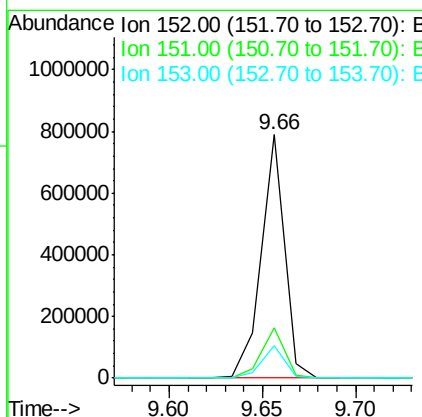
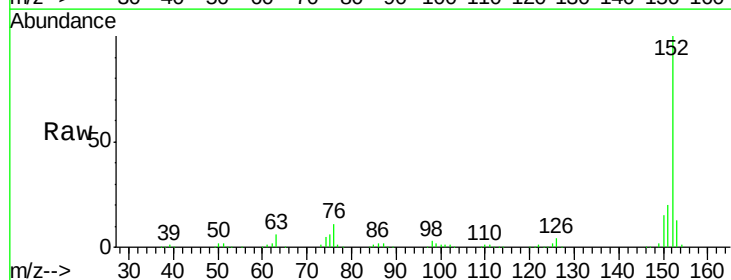
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

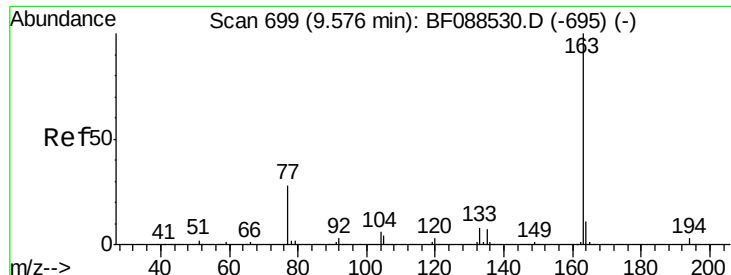
Tot Ion: 65 Resp: 132564
Ion Ratio Lower Upper
65 100
92 70.9 54.6 82.0
138 94.4 77.0 115.4



#48
Acenaphthylene
Concen: 41.04 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion: 152 Resp: 679279
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 11.0 16.6

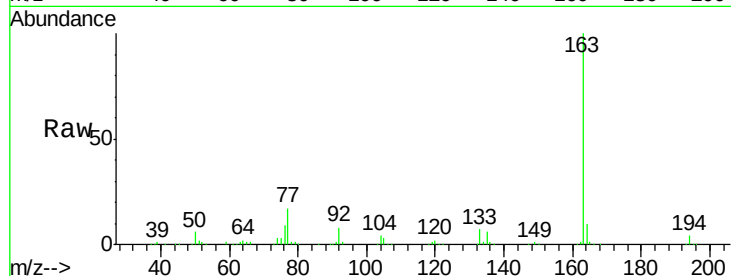




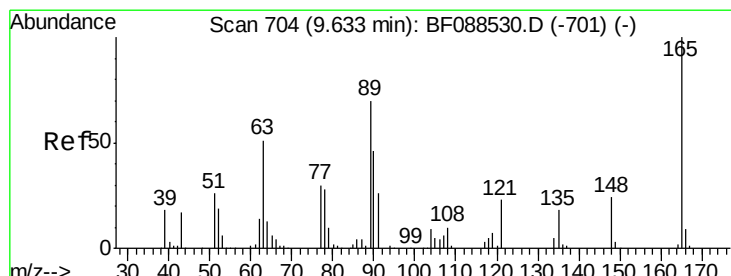
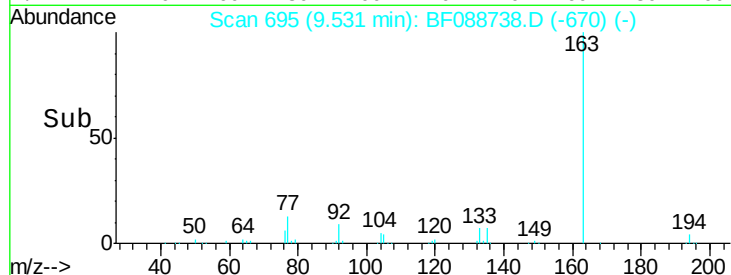
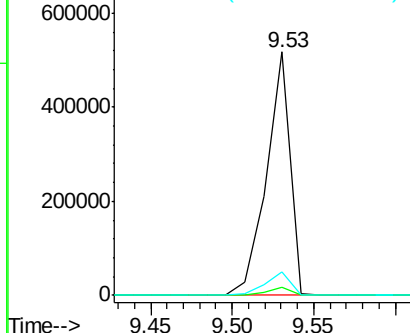
#49
Dimethylphthalate
Concen: 45.83 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 522513
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.8 8.3 12.5

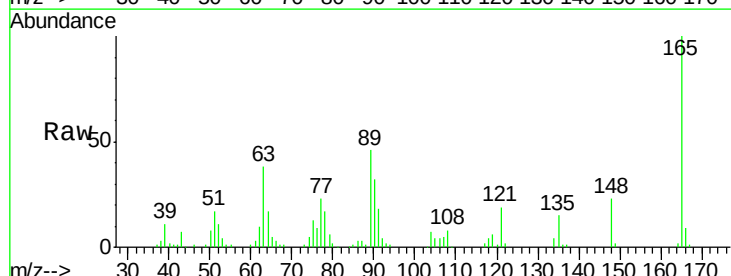


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

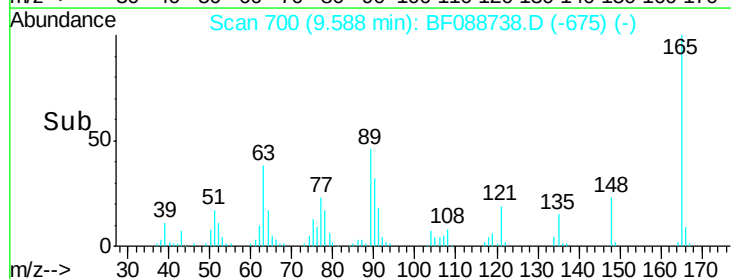
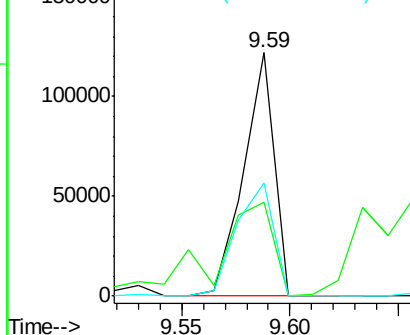


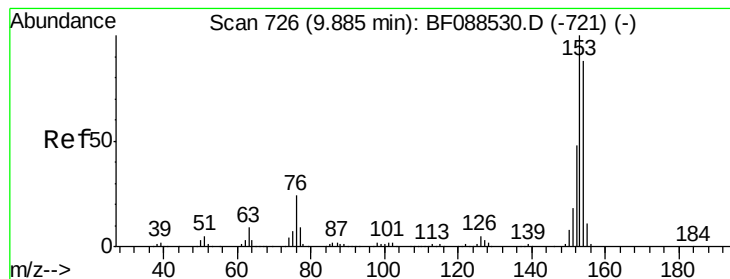
#50
2,6-Dinitrotoluene
Concen: 46.87 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:165 Resp: 118428
Ion Ratio Lower Upper
165 100
63 38.5 28.1 42.1
89 46.2 32.2 48.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.22 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

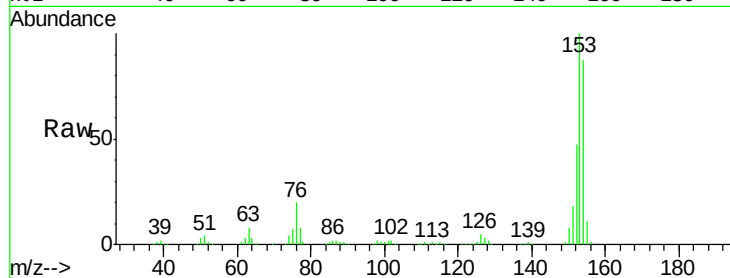
Tot Ion:154 Resp: 377608

Ion Ratio Lower Upper

154 100

153 114.4 89.5 134.3

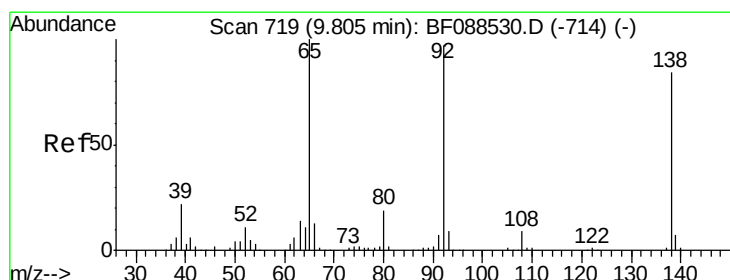
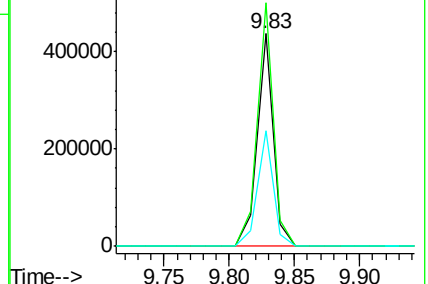
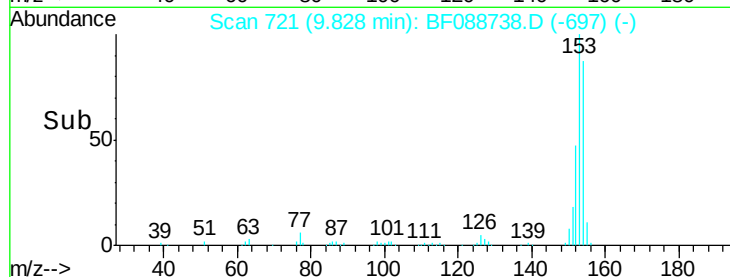
152 54.3 42.7 64.1



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: 36.05 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

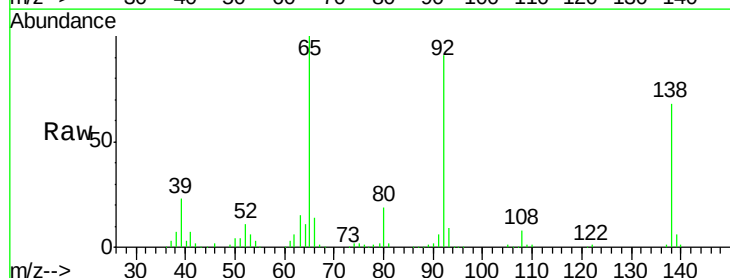
Tgt Ion:138 Resp: 115808

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

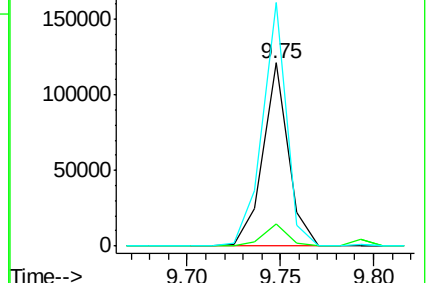
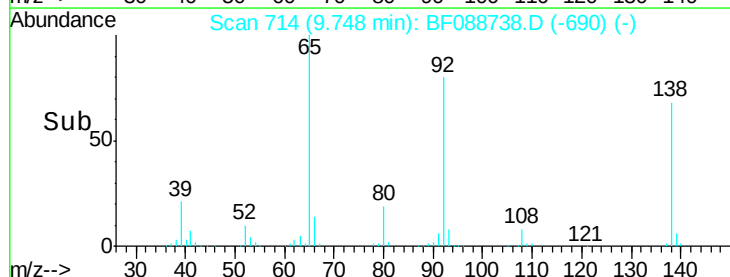
92 132.9 95.7 143.5

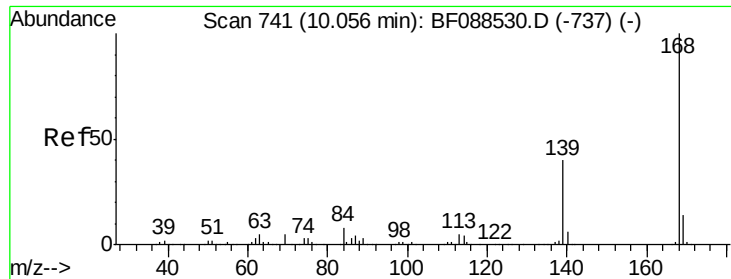


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

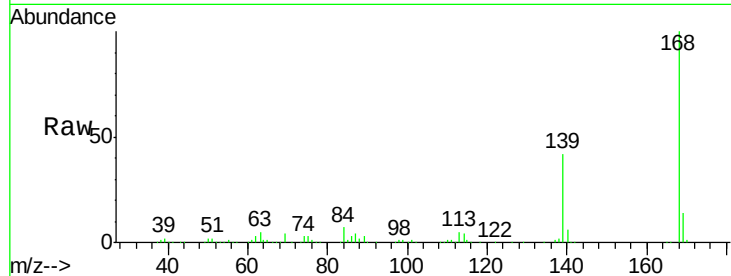




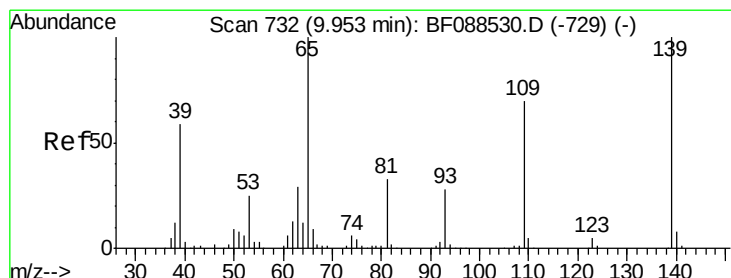
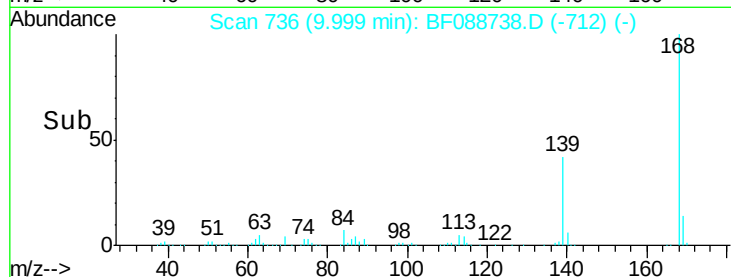
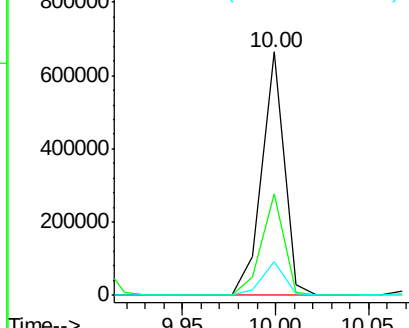
#54
Dibenzofuran
Concen: 41.50 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 551146
Ion Ratio Lower Upper
168 100
139 41.9 26.4 39.6#
169 13.7 10.4 15.6

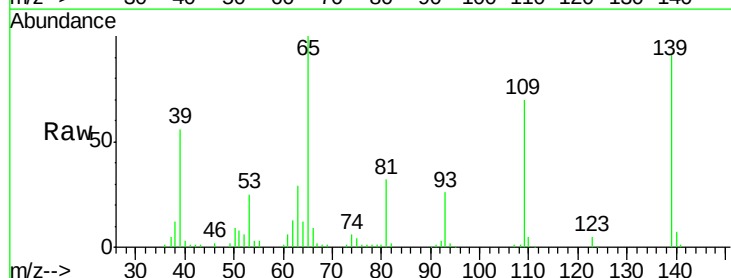


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

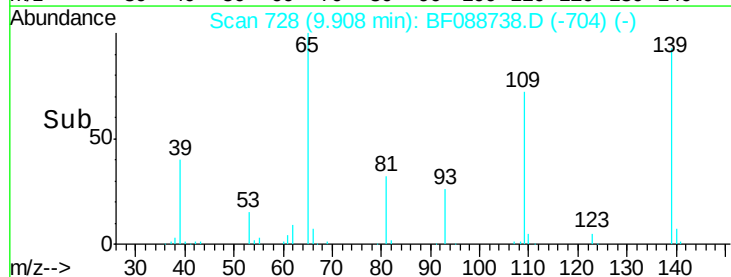
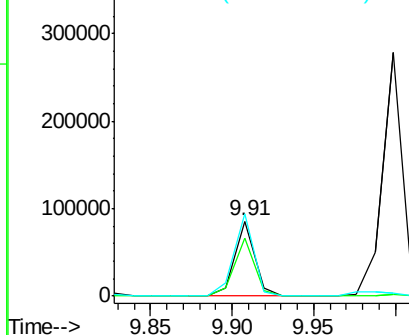


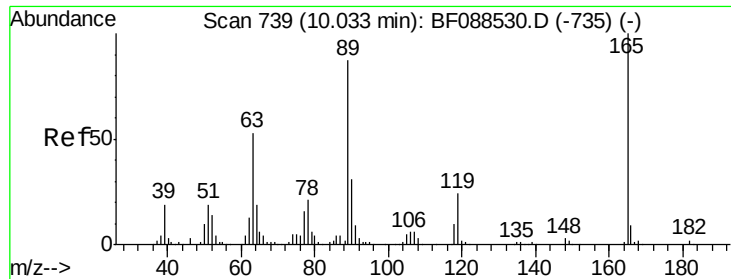
#55
4-Nitrophenol
Concen: 30.01 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:139 Resp: 73258
Ion Ratio Lower Upper
139 100
109 77.2 48.9 88.9
65 110.0 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

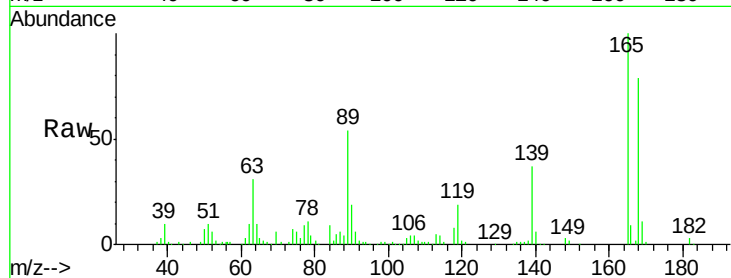




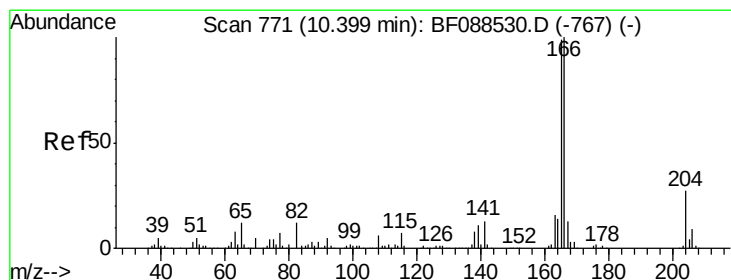
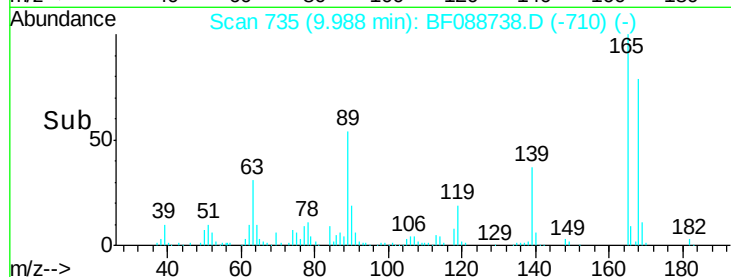
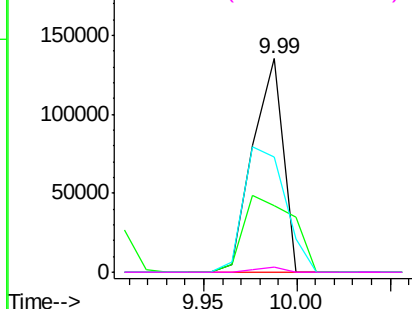
#56
2,4-Dinitrotoluene
Concen: 45.89 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 151619
Ion Ratio Lower Upper
165 100
63 31.1 22.0 33.0
89 53.7 41.1 61.7
182 2.7 2.0 3.0

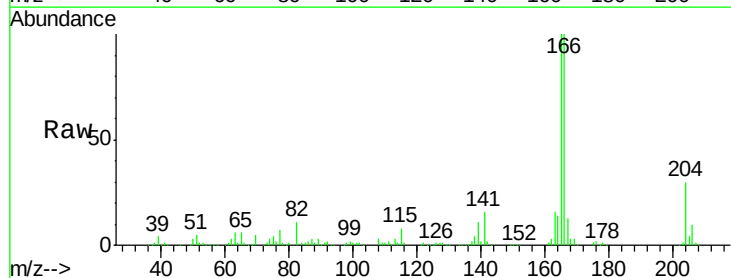


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

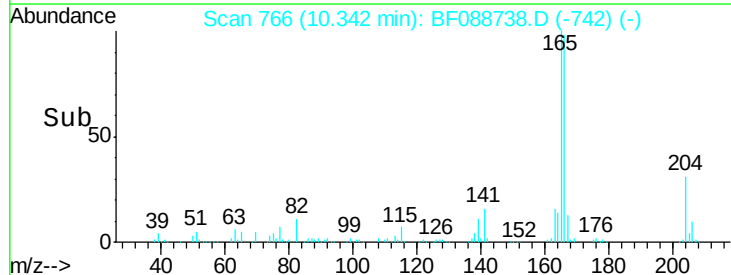
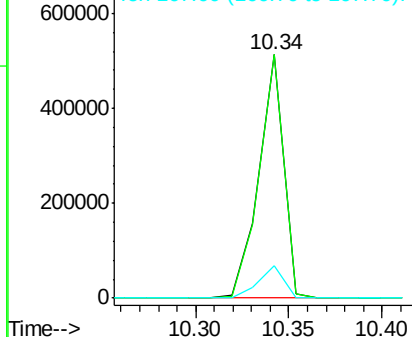


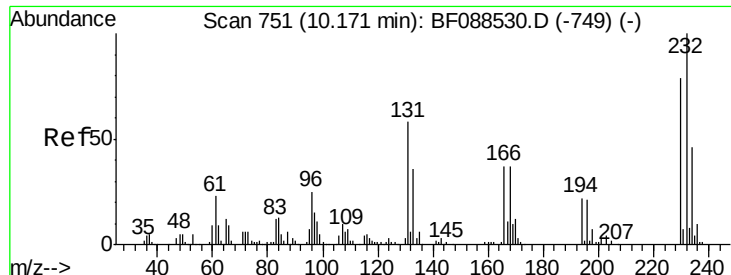
#57
Fluorene
Concen: 45.85 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:166 Resp: 469200
Ion Ratio Lower Upper
166 100
165 99.8 77.8 116.8
167 13.4 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

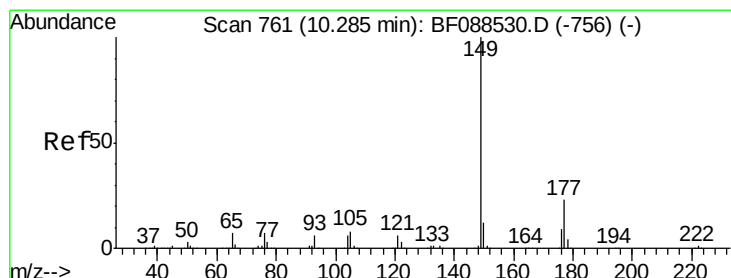
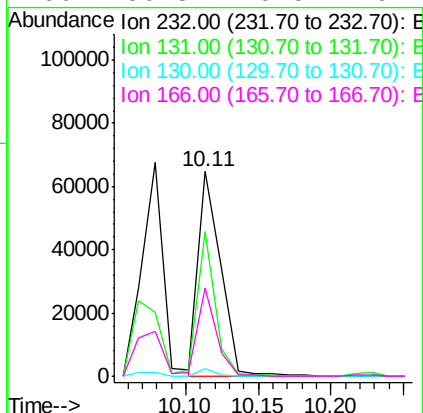
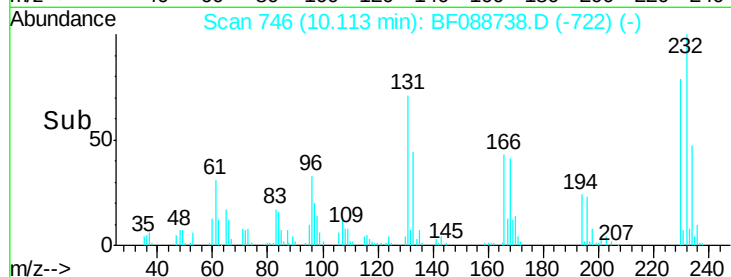
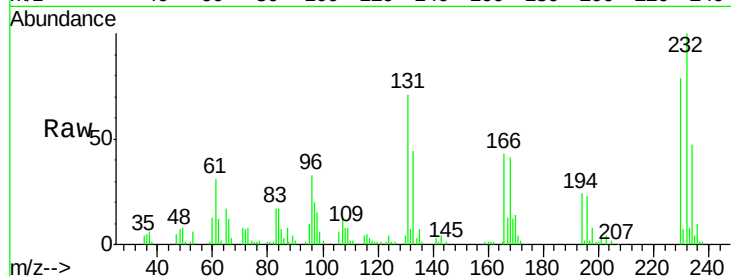




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.20 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

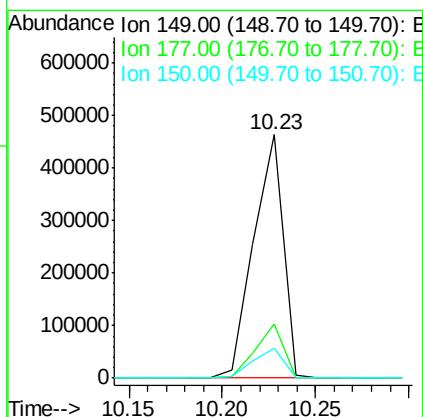
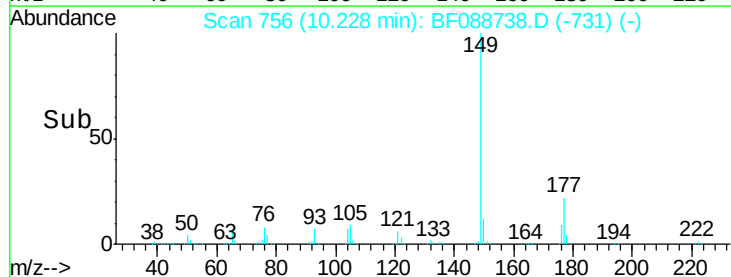
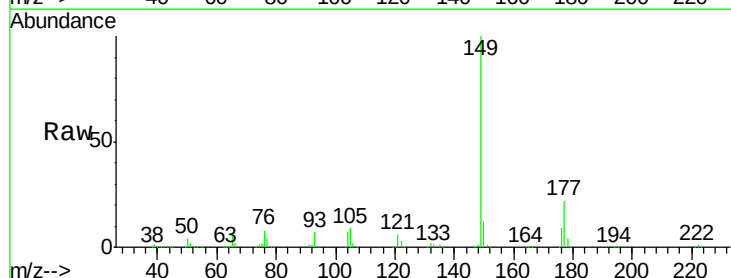
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

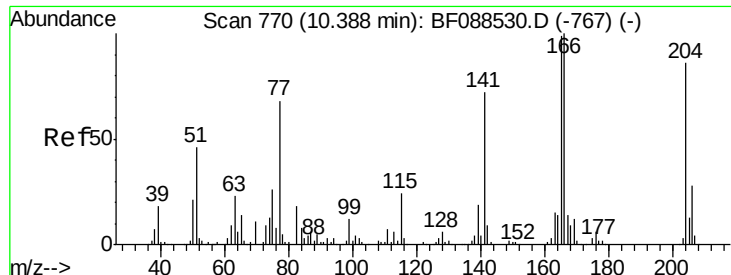
Tot Ion:232 Resp: 70546
 Ion Ratio Lower Upper
 232 100
 131 56.2 0.9 1.3#
 130 2.6 1.5 2.3#
 166 36.3 0.5 0.7#



#59
 Diethylphthalate
 Concen: 44.25 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Tgt Ion:149 Resp: 506374
 Ion Ratio Lower Upper
 149 100
 177 22.1 16.9 25.3
 150 12.4 10.1 15.1





#60

4-Chlorophenyl-phenylether

Concen: 41.81 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

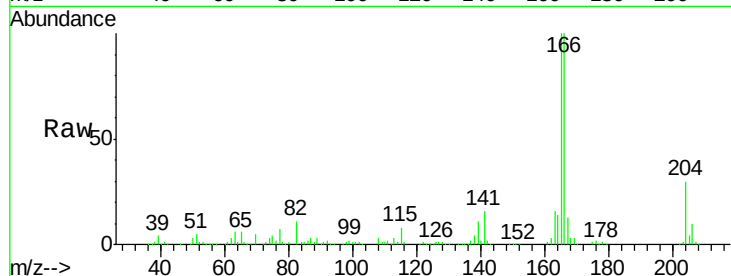
Tot Ion:204 Resp: 198812

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

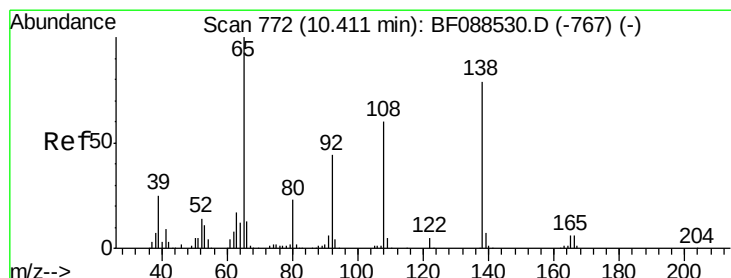
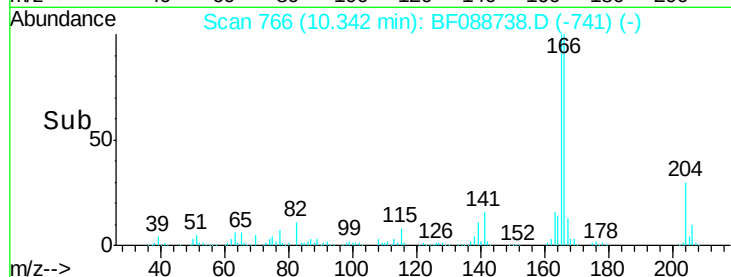
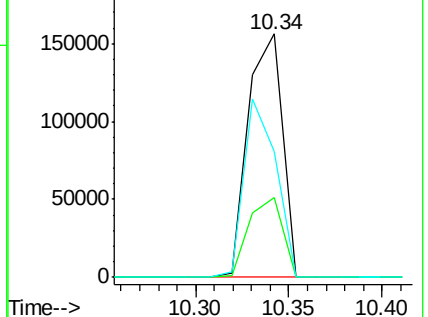
141 52.0 55.0 82.6#



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: 45.39 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

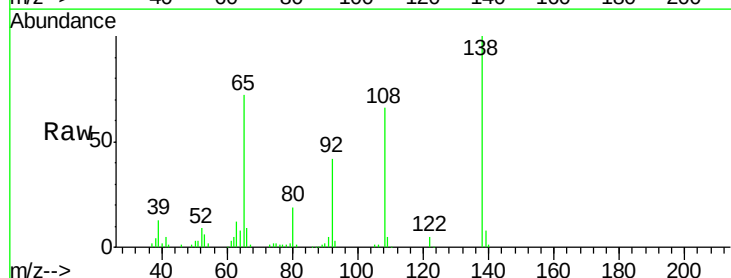
Tgt Ion:138 Resp: 140320

Ion Ratio Lower Upper

138 100

92 42.0 27.3 67.3

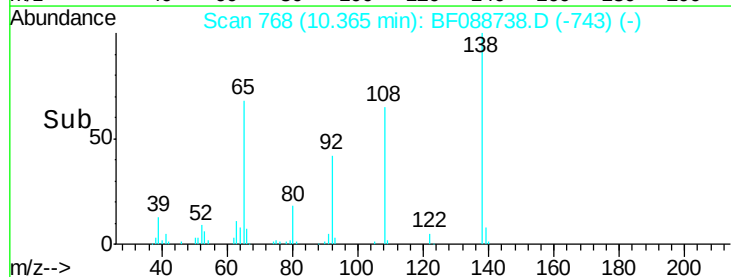
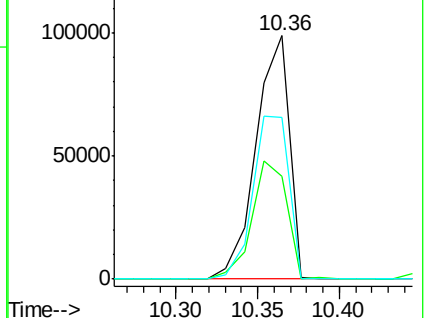
108 66.2 46.7 86.7

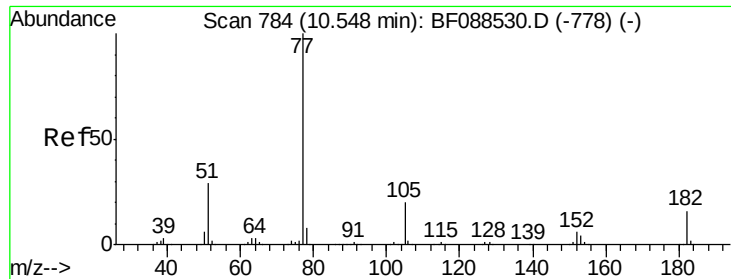


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.56 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 490258

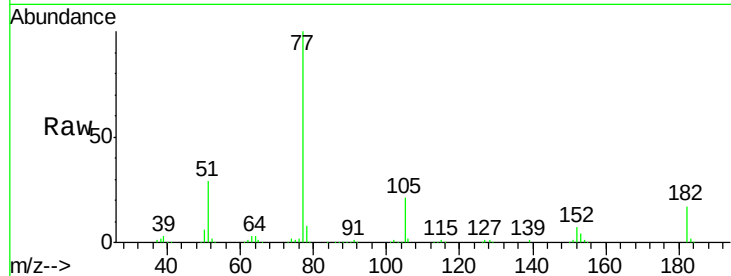
Ion Ratio Lower Upper

77 100

182 16.6 4.4 44.4

105 20.8 3.8 43.8

51 28.6 9.3 49.3

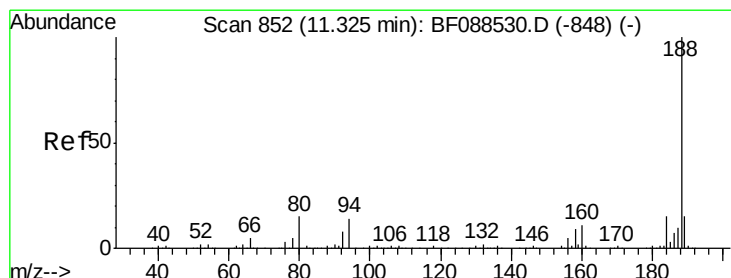
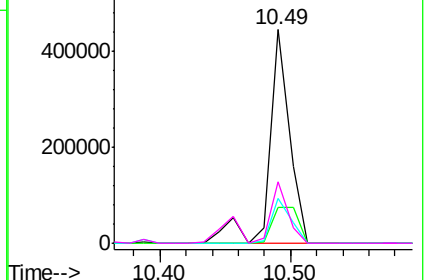
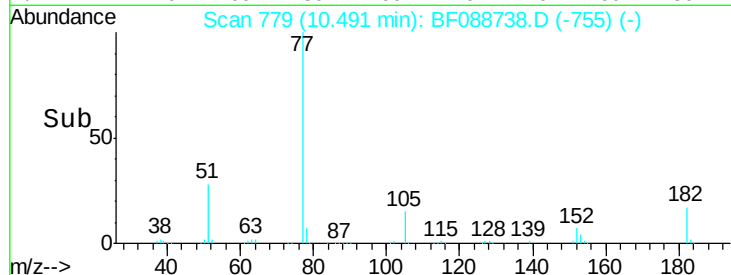


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.27 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

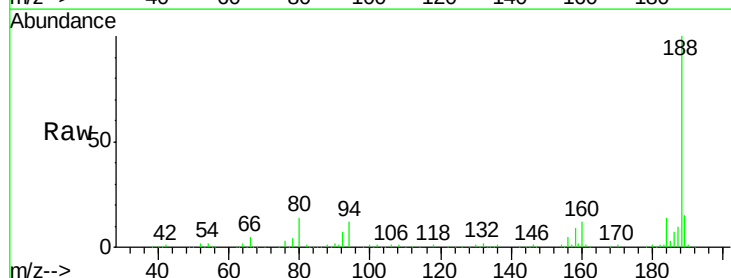
Tgt Ion: 188 Resp: 307946

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.6

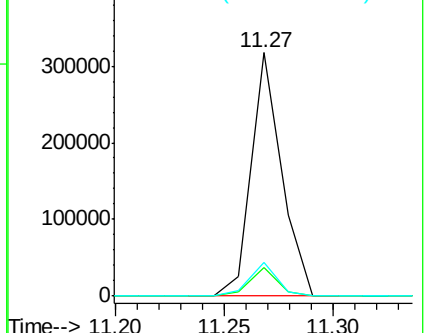
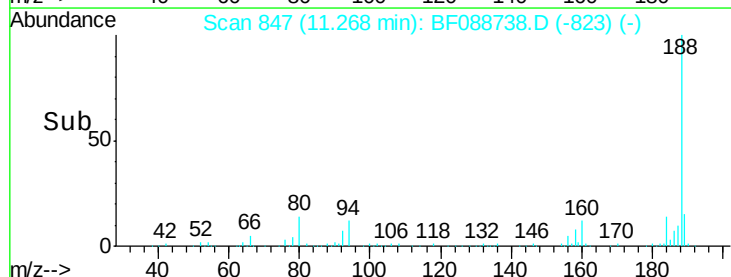
80 13.6 10.0 15.0

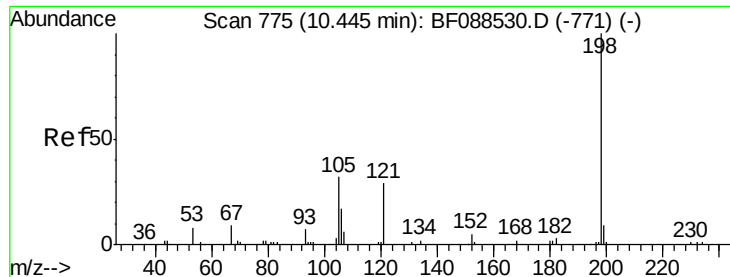


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.72 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

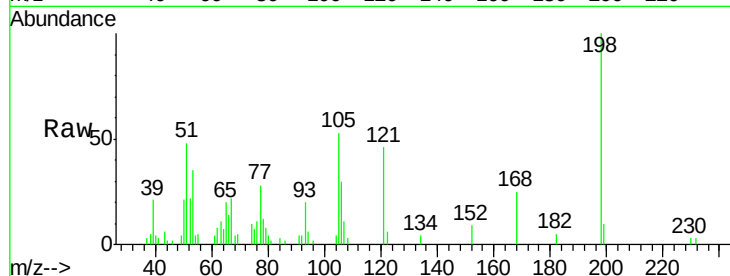
Tot Ion:198 Resp: 11063

Ion Ratio Lower Upper

198 100

51 47.7 39.6 79.6

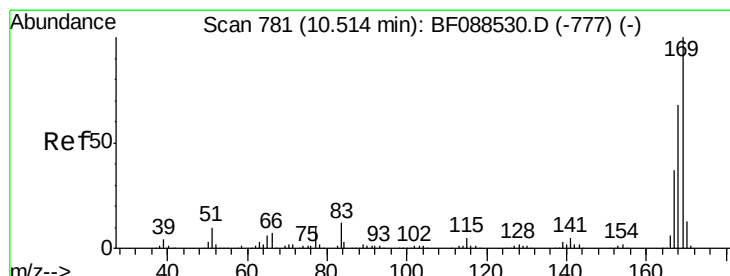
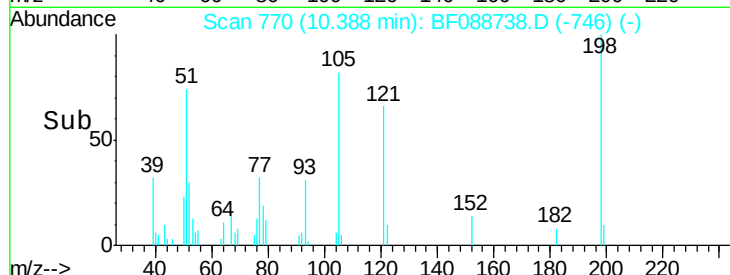
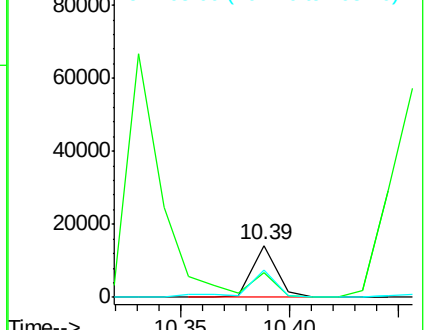
105 52.7 36.6 76.6



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: 41.18 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

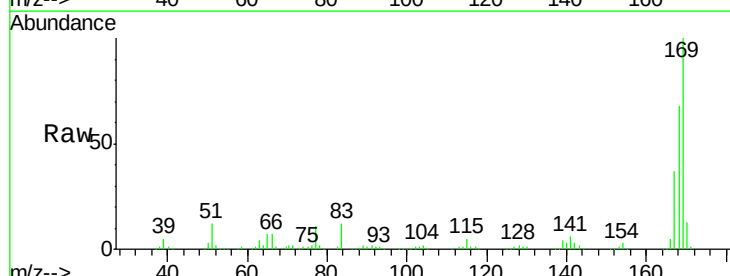
Tgt Ion:169 Resp: 429227

Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.0

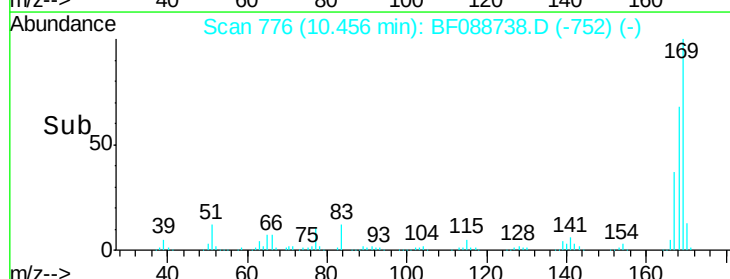
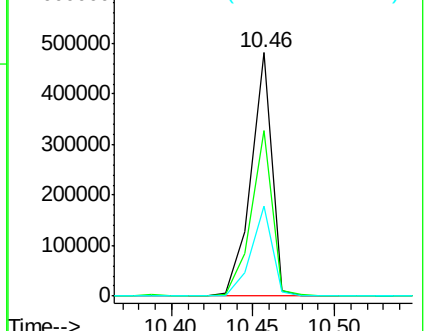
167 36.8 29.4 44.0

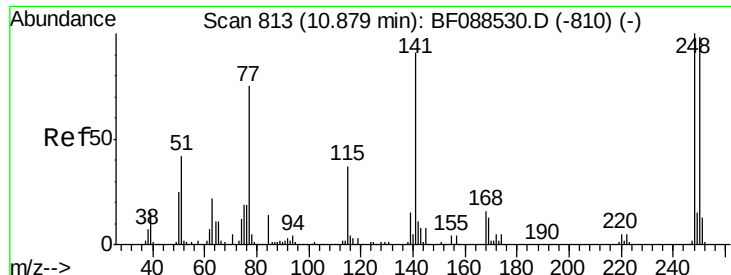


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

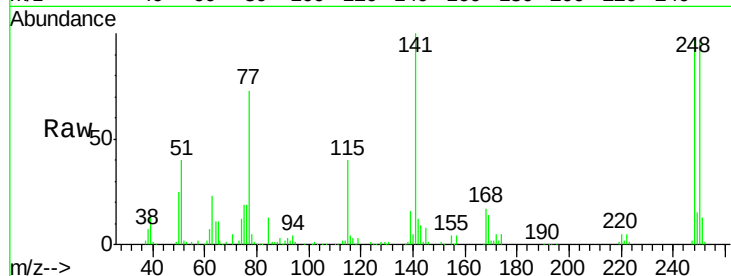




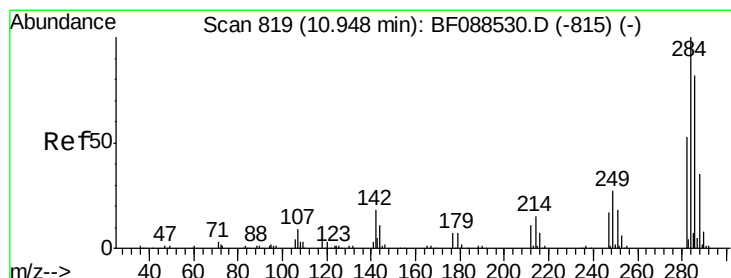
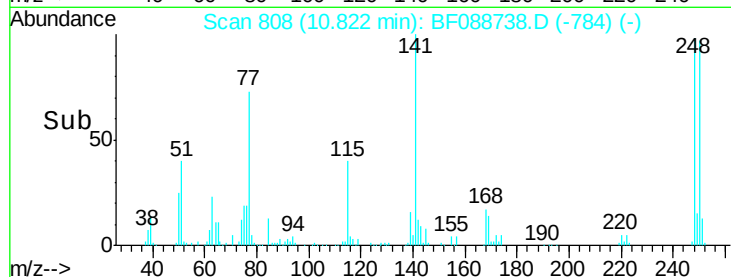
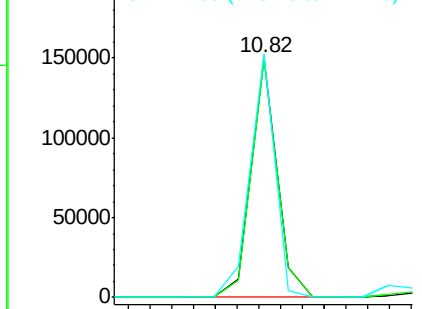
#66
4-Bromophenyl-phenylether
Concen: 39.78 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 123458
Ion Ratio Lower Upper
248 100
250 98.9 77.1 115.7
141 101.7 50.6 76.0#

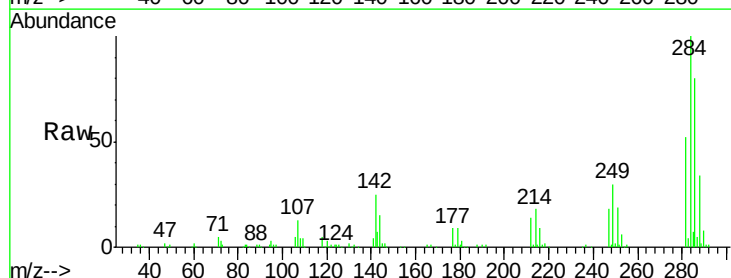


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

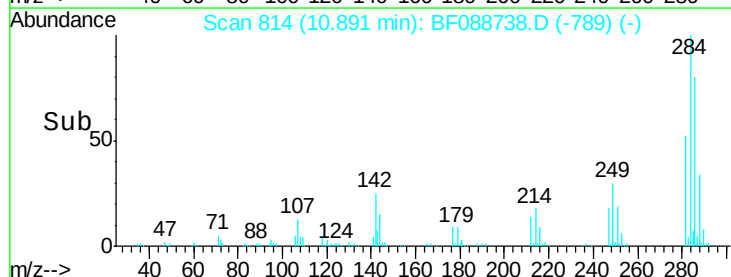
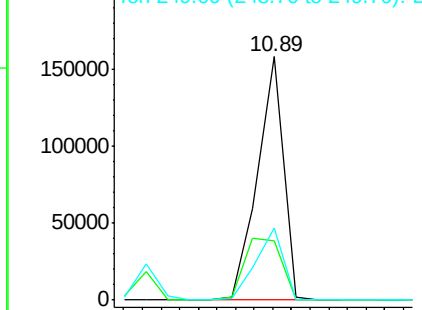


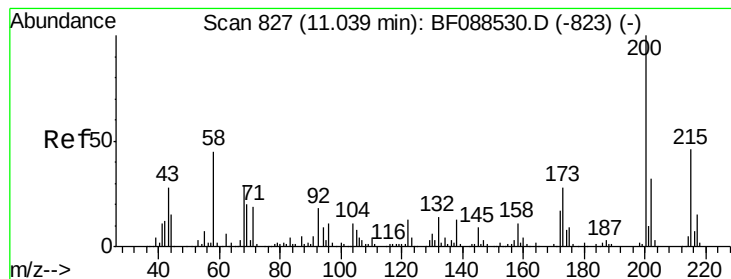
#67
Hexachlorobenzene
Concen: 44.06 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:284 Resp: 151356
Ion Ratio Lower Upper
284 100
142 24.6 35.8 53.8#
249 29.6 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: 35.63 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

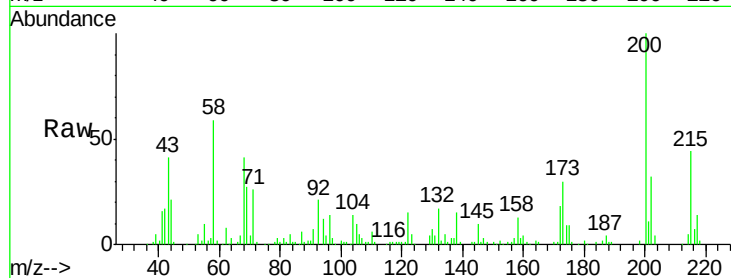
Tot Ion:200 Resp: 115721

Ion Ratio Lower Upper

200 100

173 30.1 4.0 44.0

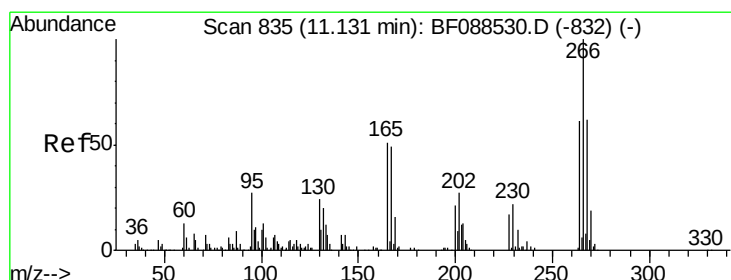
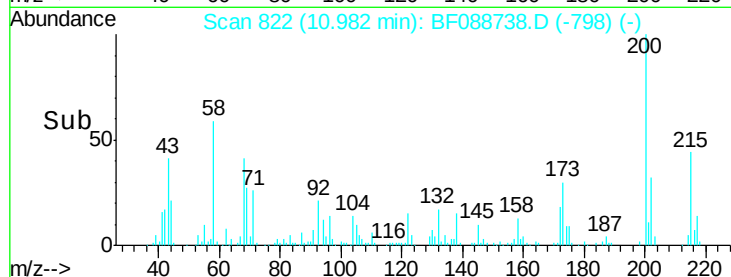
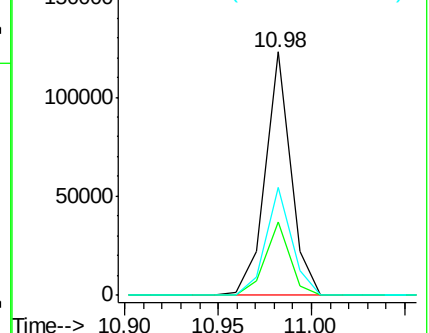
215 44.3 29.3 69.3



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: 9.46 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

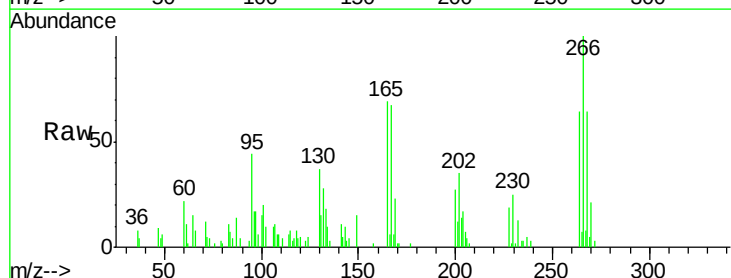
Tgt Ion:266 Resp: 19239

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

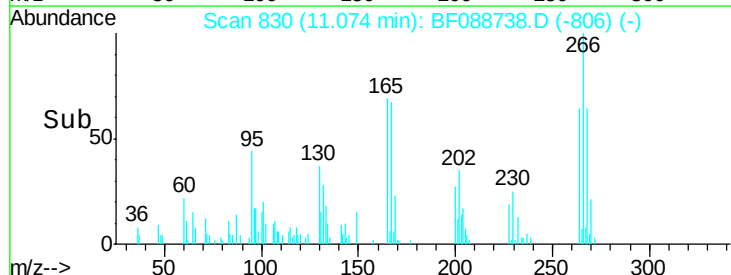
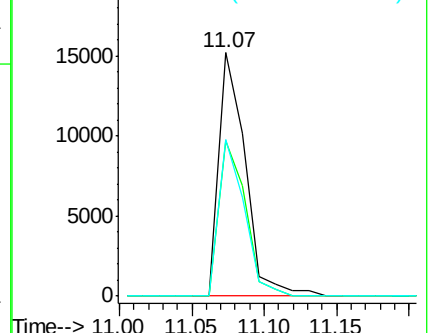
264 64.1 49.6 74.4

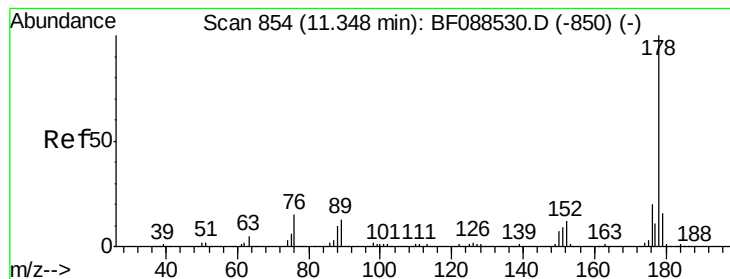


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 38.22 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

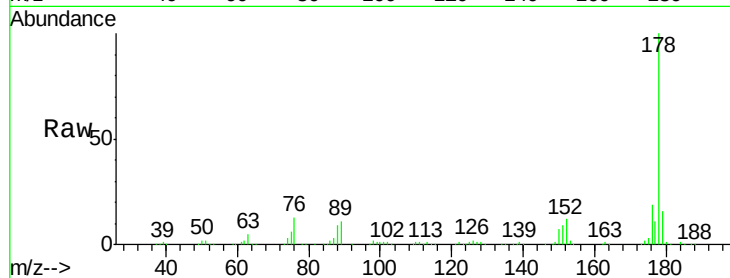
Tot Ion:178 Resp: 643312

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

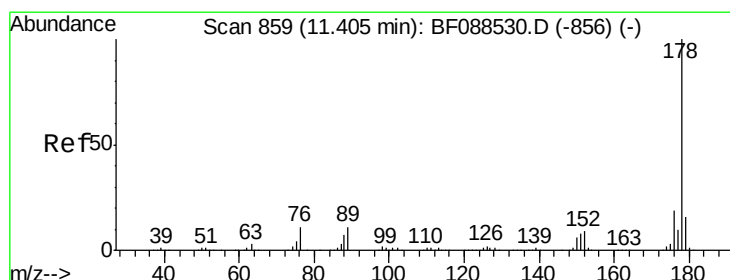
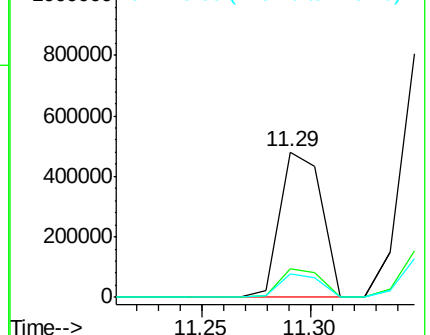
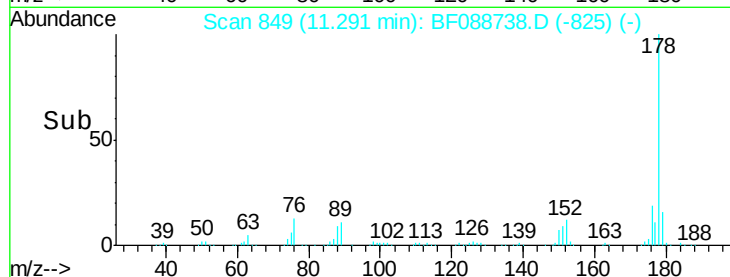
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.72 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

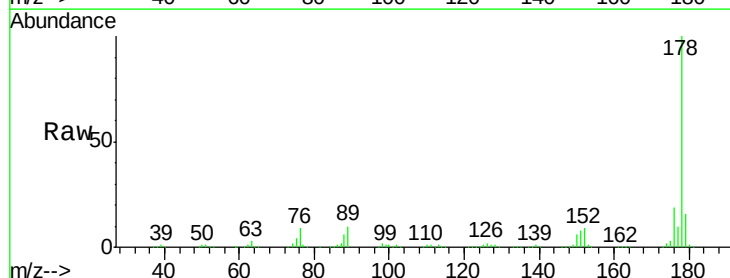
Tgt Ion:178 Resp: 681577

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

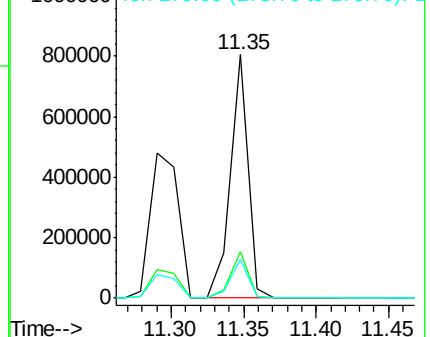
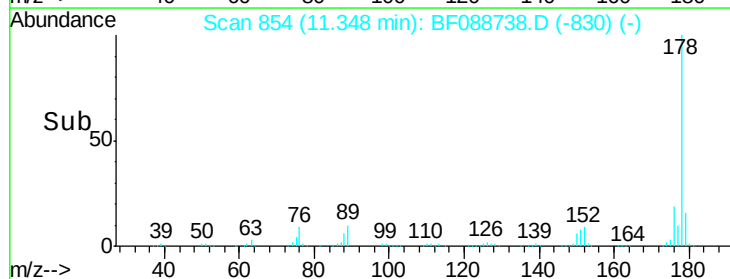
179 15.7 12.8 19.2

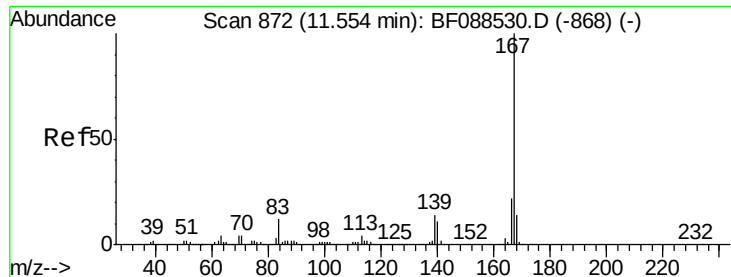


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.40 ng

RT: 11.50 min Scan# 867

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

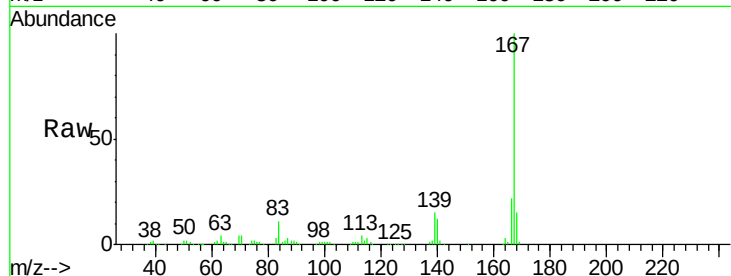
Tot Ion:167 Resp: 604996

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

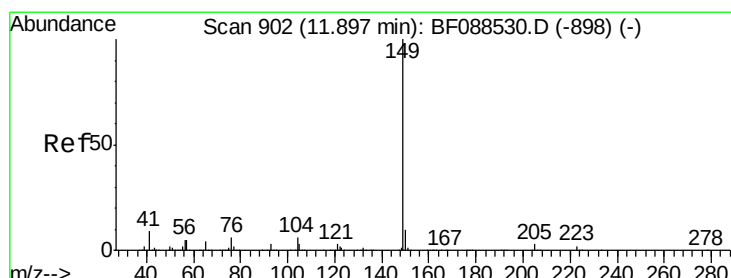
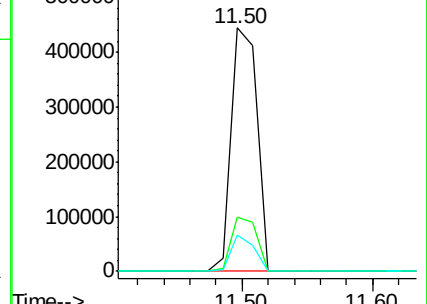
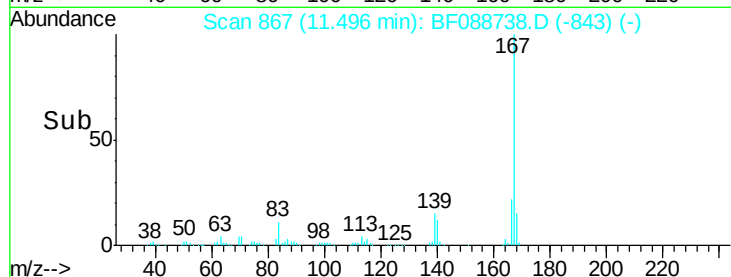
139 14.8 11.2 16.8



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: 38.73 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

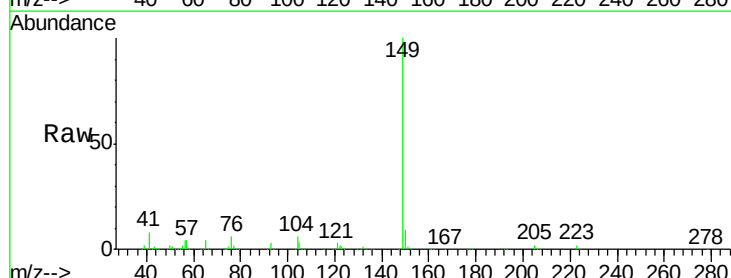
Tgt Ion:149 Resp: 709776

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

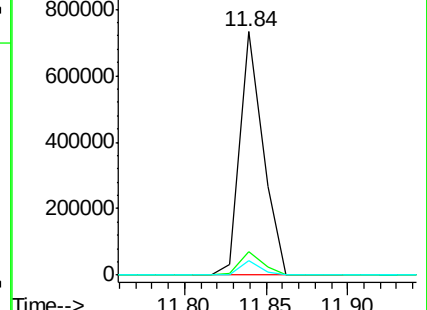
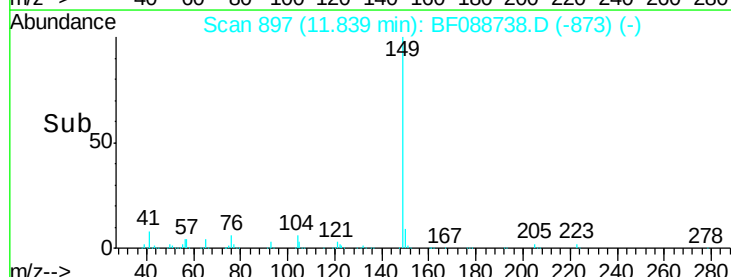
104 5.9 4.0 6.0

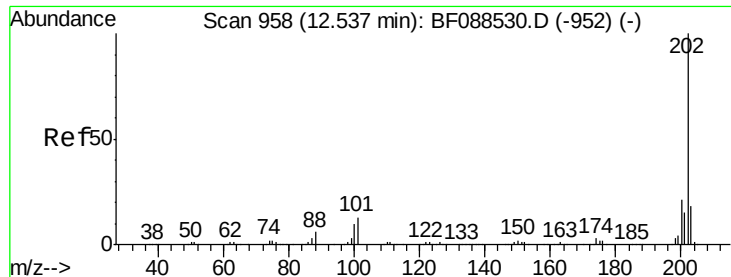


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.16 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

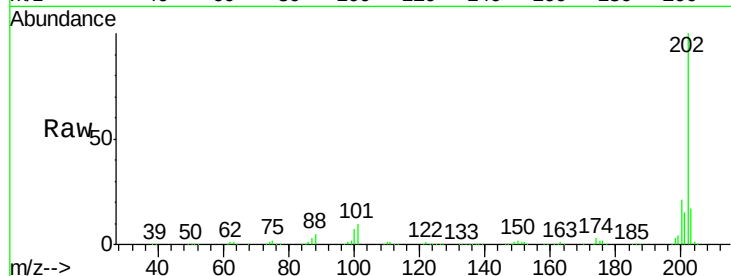
Tot Ion:202 Resp: 736509

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.1

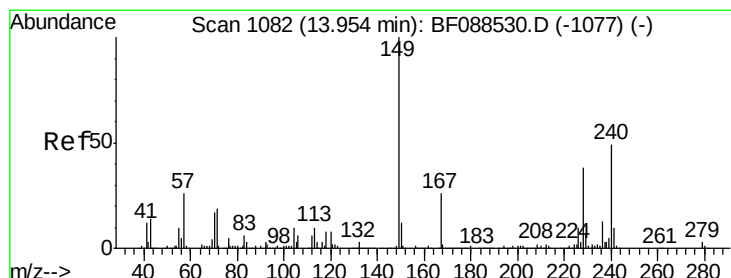
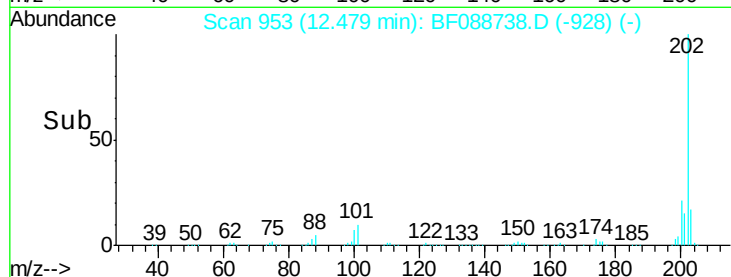
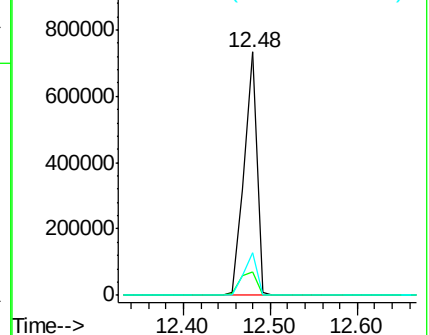
203 17.4 0.0 38.1



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: 13.90 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

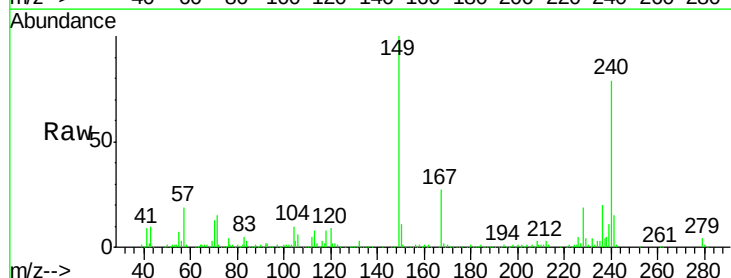
Tgt Ion:240 Resp: 217075

Ion Ratio Lower Upper

240 100

120 11.1 6.8 10.2#

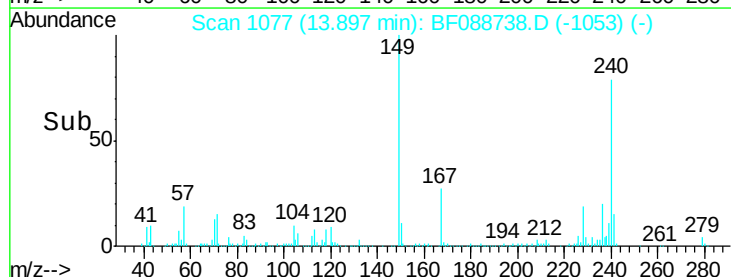
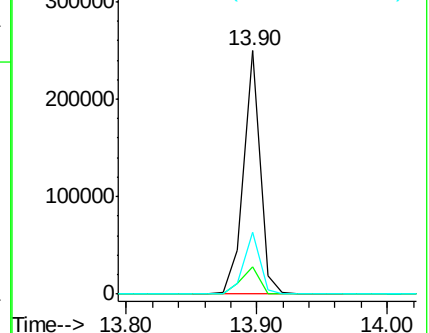
236 25.2 20.2 30.2

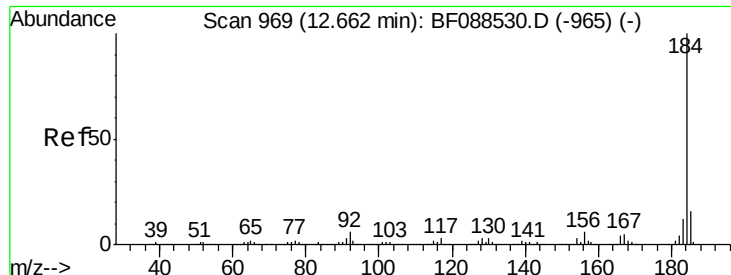


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

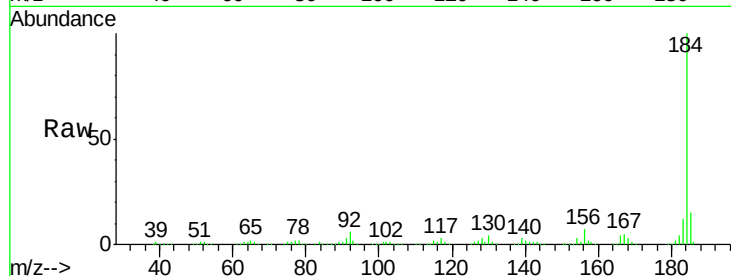




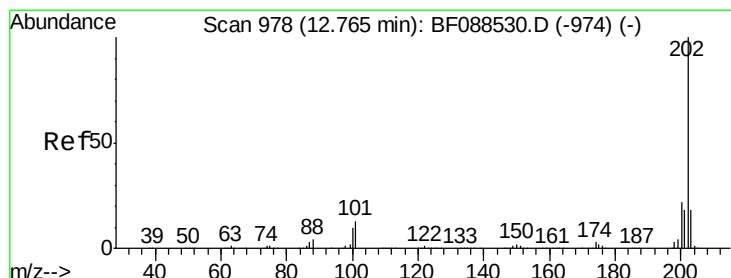
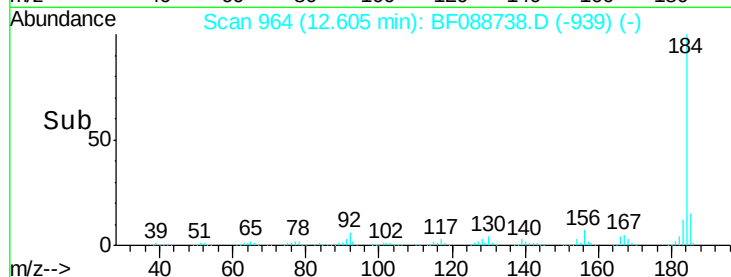
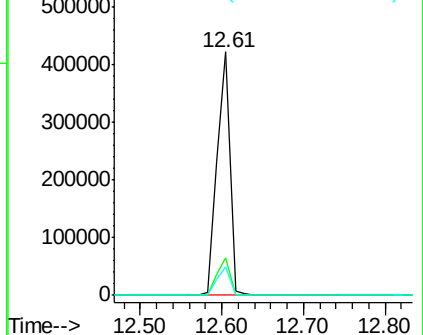
#76
Benzidine
Concen: 41.96 ng
RT: 12.61 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 460397
Ion Ratio Lower Upper
184 100
185 15.3 12.5 18.7
183 12.0 9.3 13.9

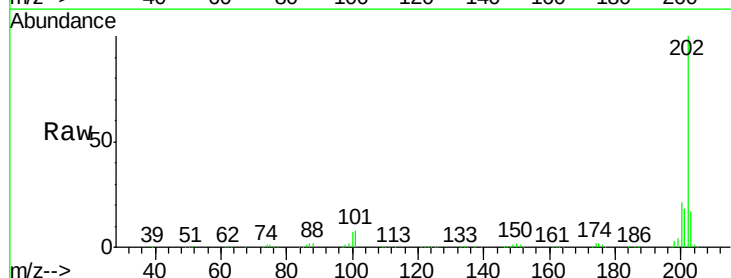


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

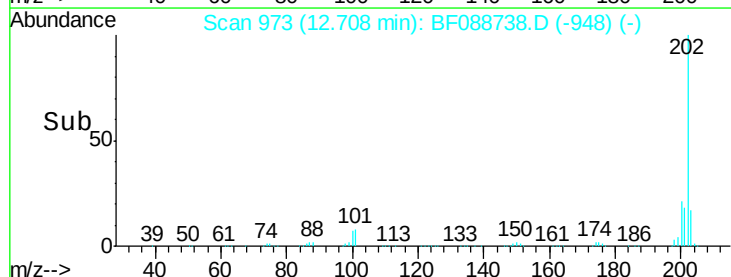
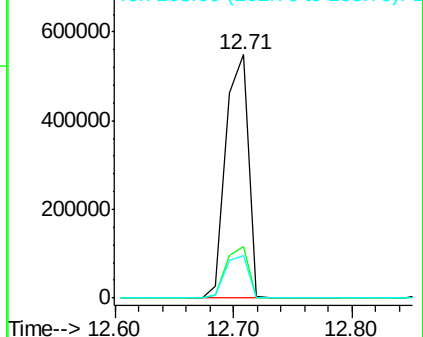


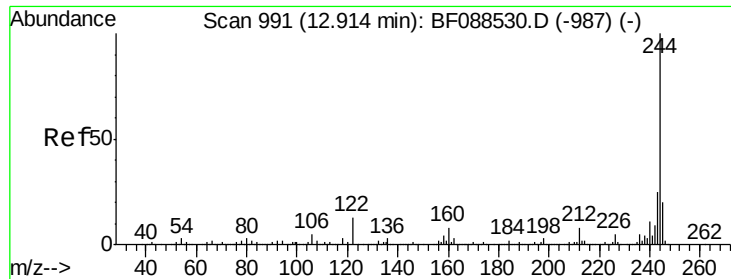
#77
Pyrene
Concen: 38.94 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:202 Resp: 716783
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.3 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

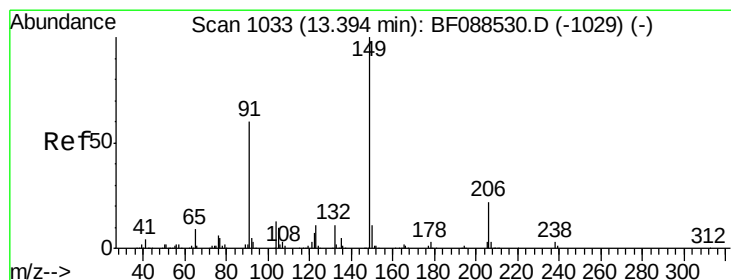
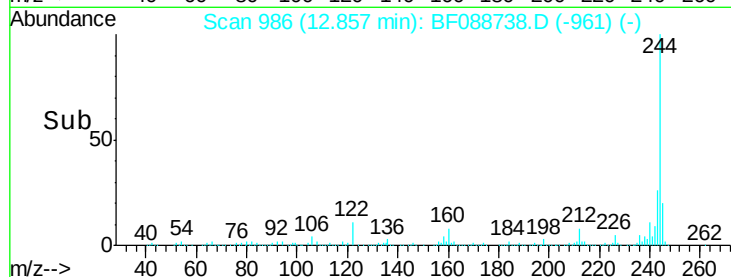
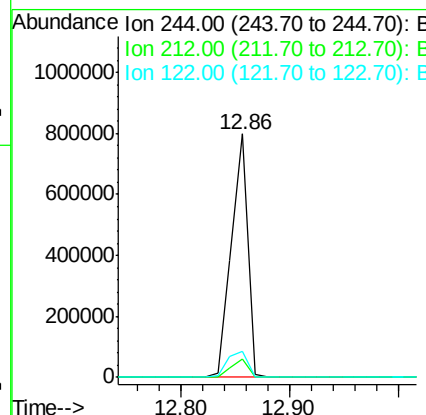
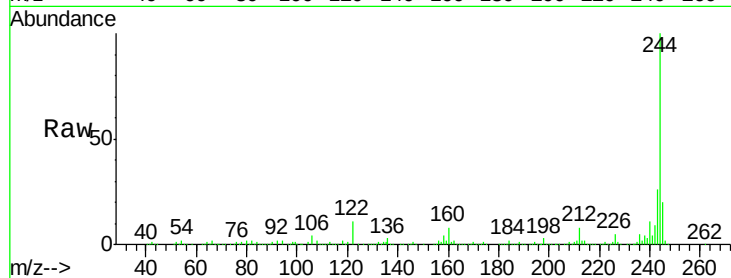




#78
 Terphenyl-d14
 Concen: 85.20 ng
 RT: 12.86 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

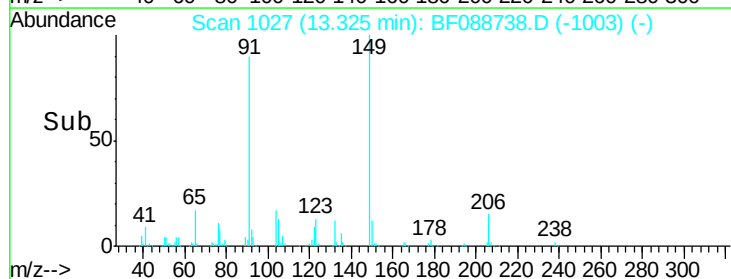
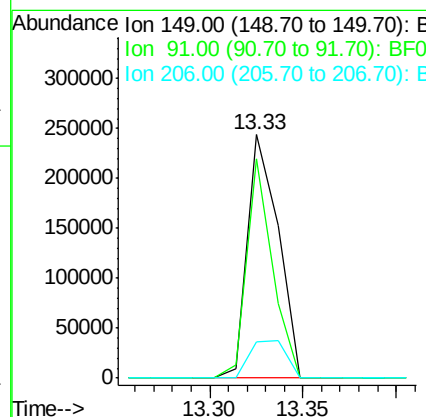
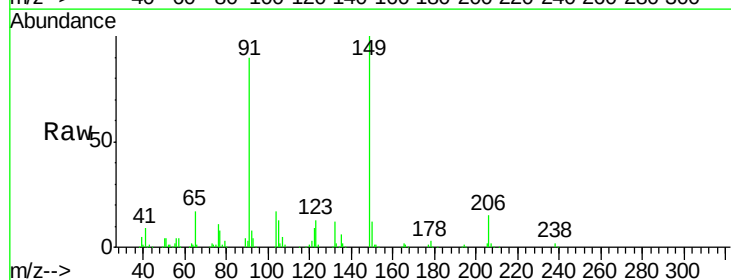
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

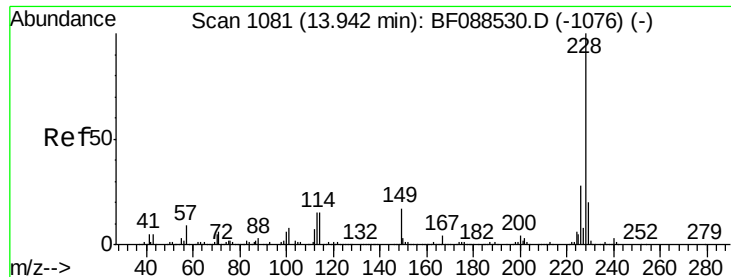
Tot Ion:244 Resp: 830382
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 10.7 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 34.01 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF088738.D
 Acq: 6 Jul 2016 15:10

Tgt Ion:149 Resp: 279217
 Ion Ratio Lower Upper
 149 100
 91 89.8 48.0 72.0#
 206 14.9 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 38.28 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

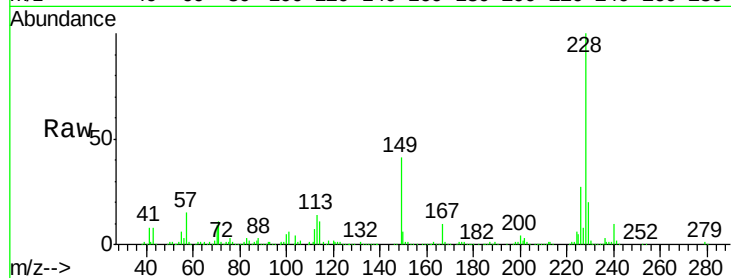
Tot Ion:228 Resp: 535086

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

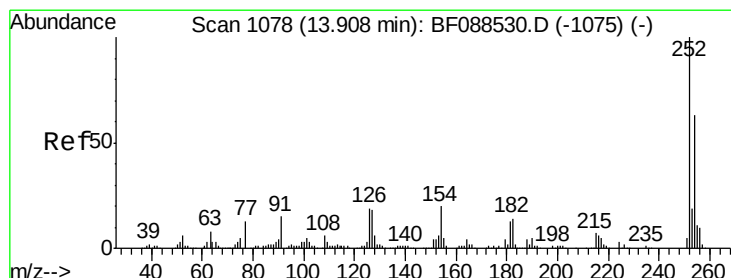
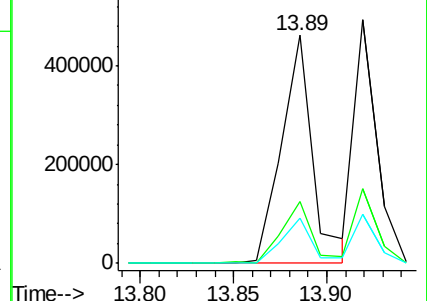
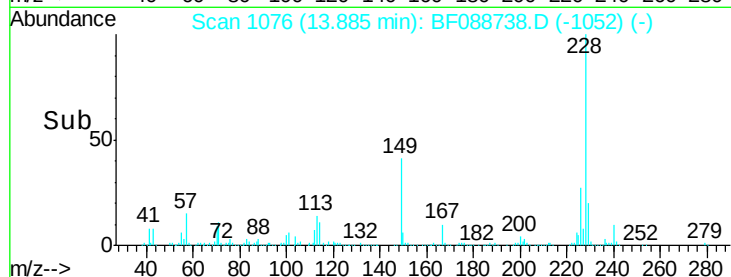
229 19.7 16.0 24.0



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: 32.63 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

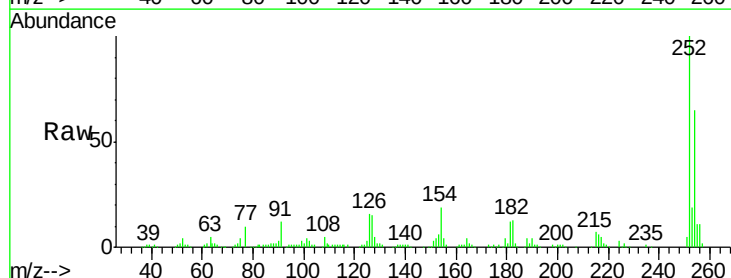
Tgt Ion:252 Resp: 171466

Ion Ratio Lower Upper

252 100

254 65.2 52.6 78.8

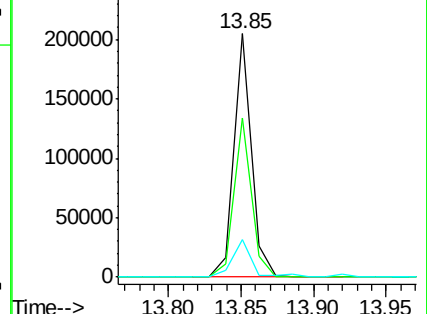
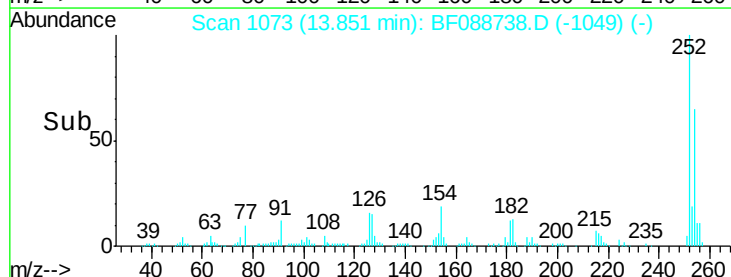
126 15.7 6.2 9.2#

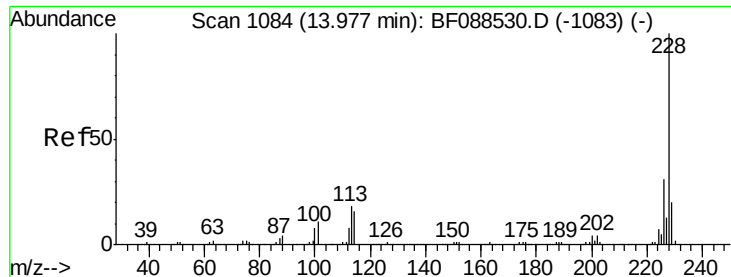


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 30.70 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

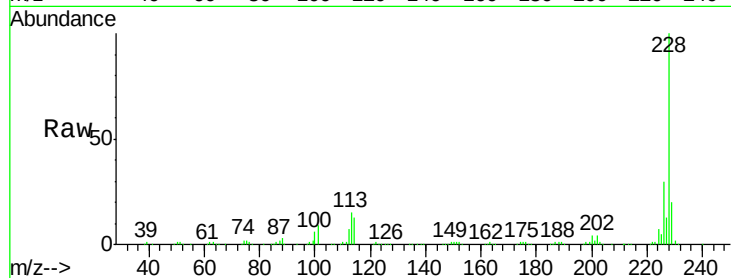
Tot Ion:228 Resp: 424510

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.2

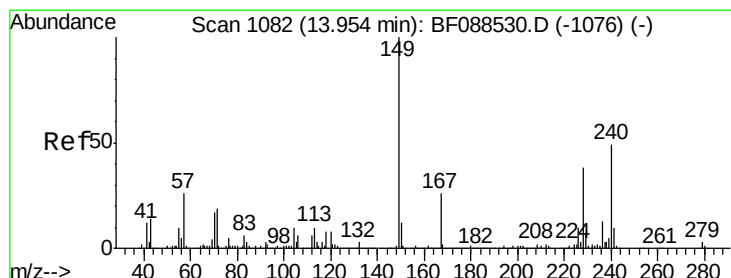
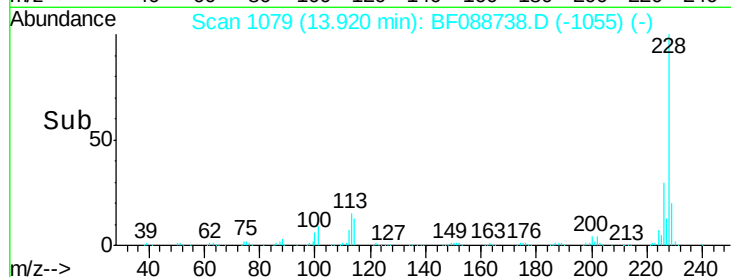
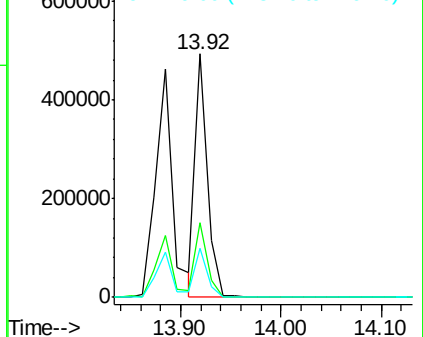
229 20.1 16.3 24.5



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: 37.80 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

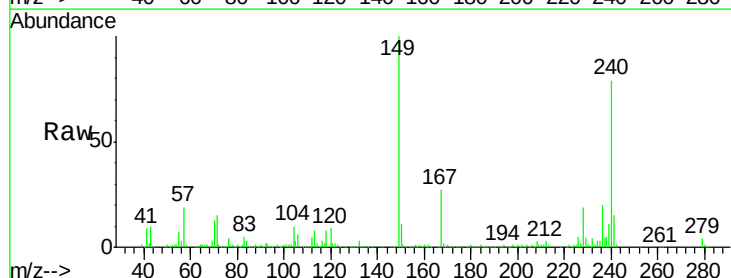
Tgt Ion:149 Resp: 354255

Ion Ratio Lower Upper

149 100

167 27.1 20.5 30.7

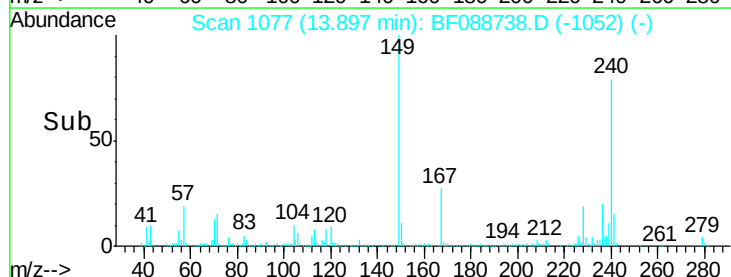
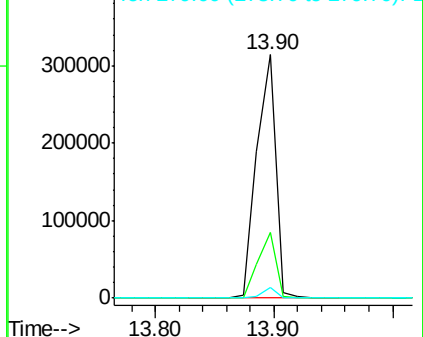
279 4.2 2.0 3.0#

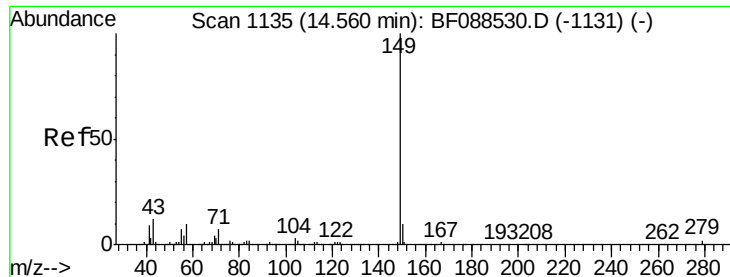


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 33.13 ng

RT: 14.50 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

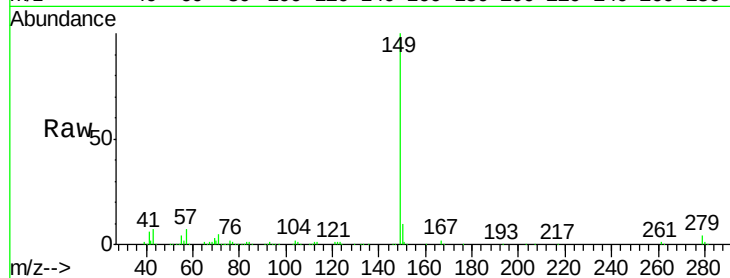
Tot Ion:149 Resp: 527586

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

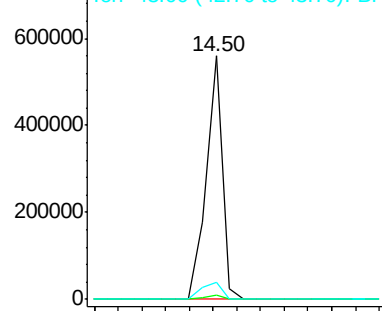
43 8.9 0.0 0.0#



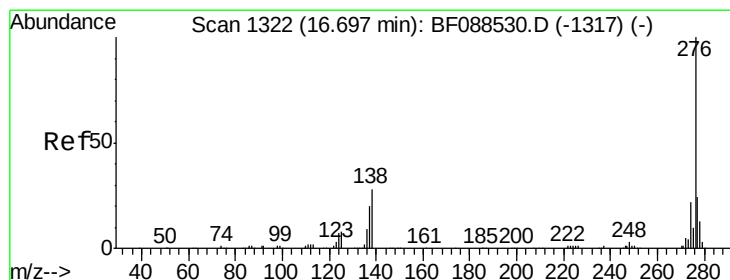
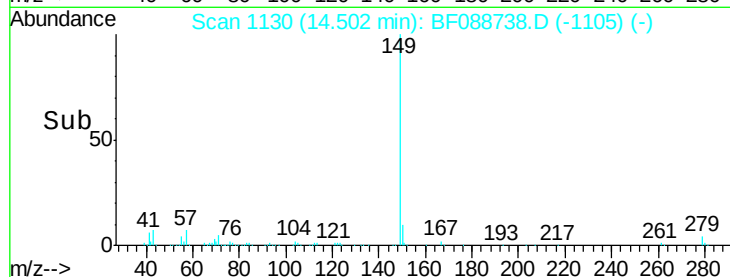
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time--> 14.40 14.50 14.60



#85

Indeno(1,2,3-cd)pyrene

Concen: 37.32 ng

RT: 16.59 min Scan# 1313

Delta R.T. -0.05 min

Lab File: BF088738.D

Acq: 6 Jul 2016 15:10

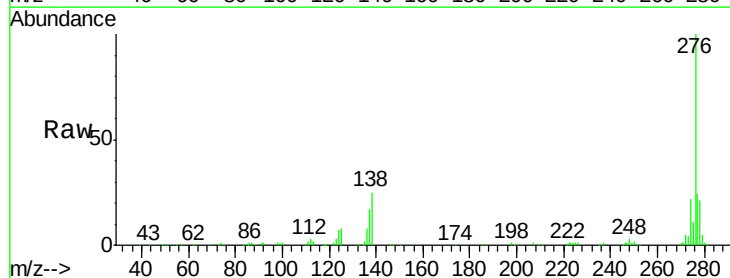
Tgt Ion:276 Resp: 397047

Ion Ratio Lower Upper

276 100

138 28.4 0.0 0.0#

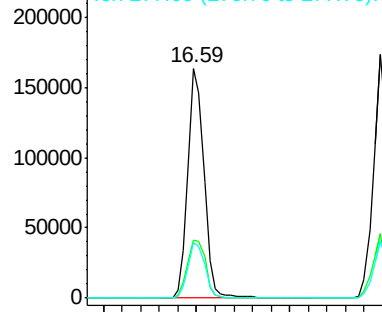
277 25.2 0.0 0.0#



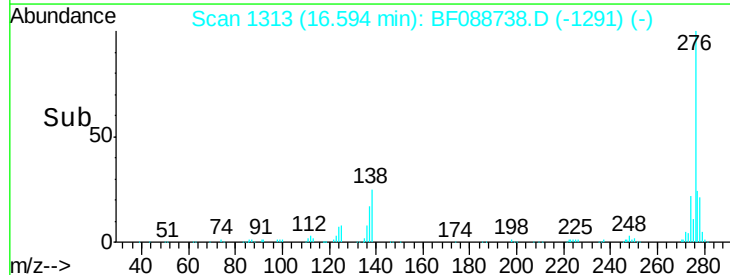
Abundance Ion 276.00 (275.70 to 276.70): E

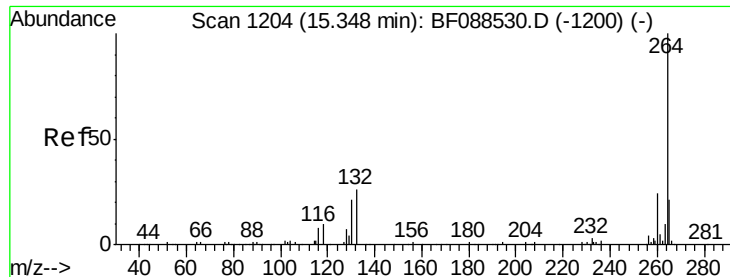
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 16.40 16.60 16.80

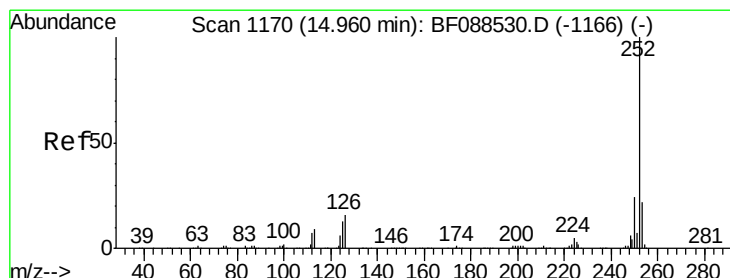
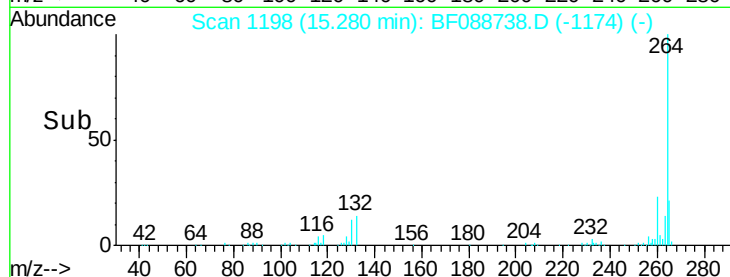
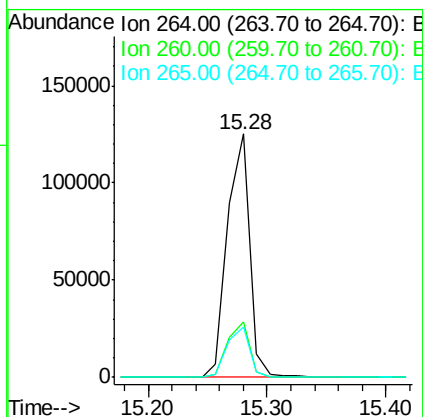
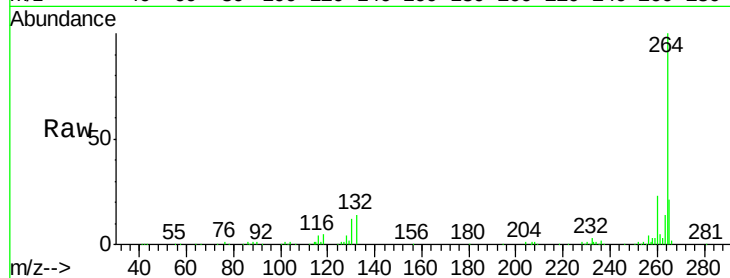




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

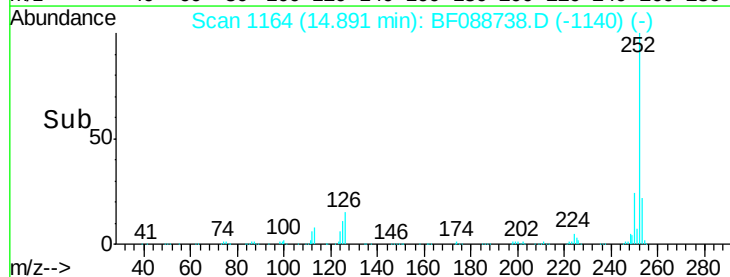
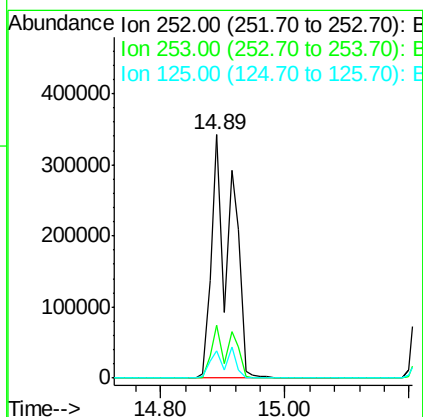
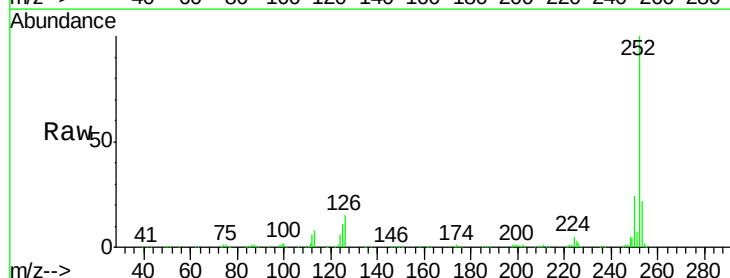
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

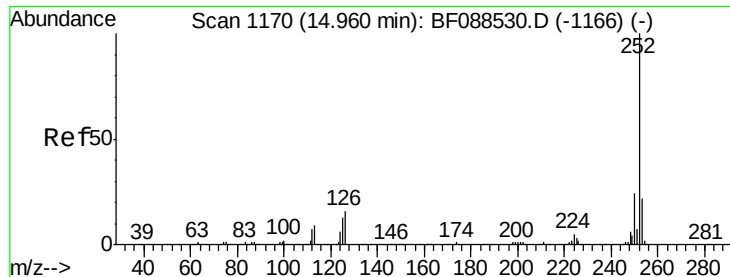
Tot Ion:264 Resp: 162860
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 20.8 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 74.08 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:252 Resp: 756814
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 11.4 7.1 10.7#

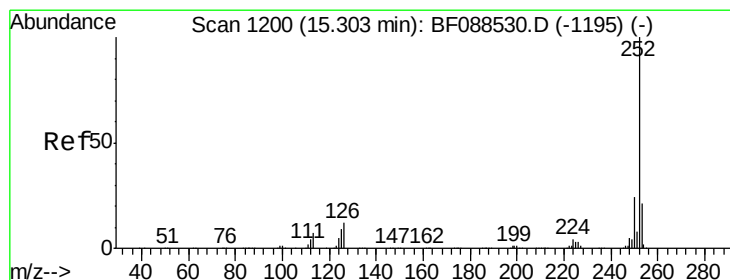
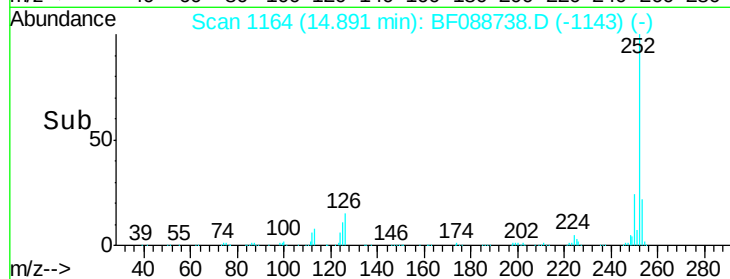
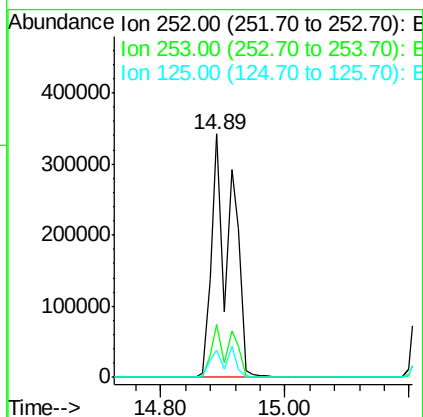
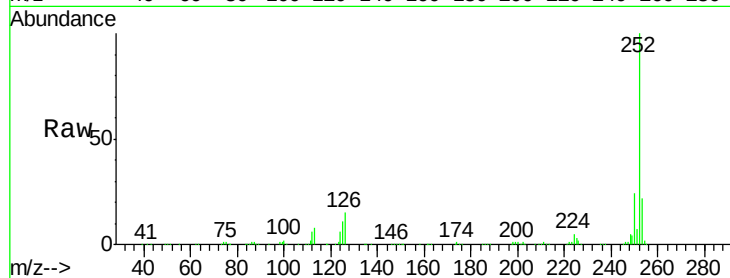




#88
Benzo(k)fluoranthene
Concen: 85.09 ng
RT: 14.89 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

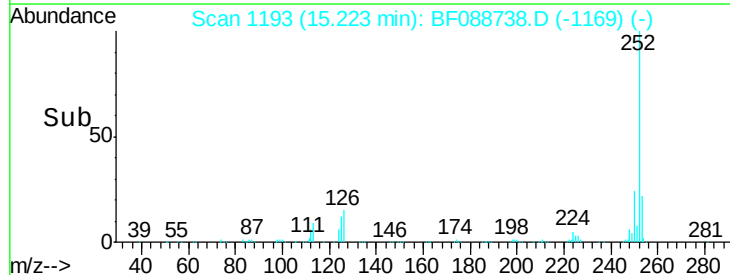
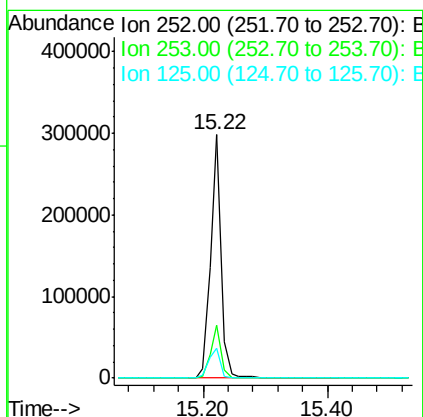
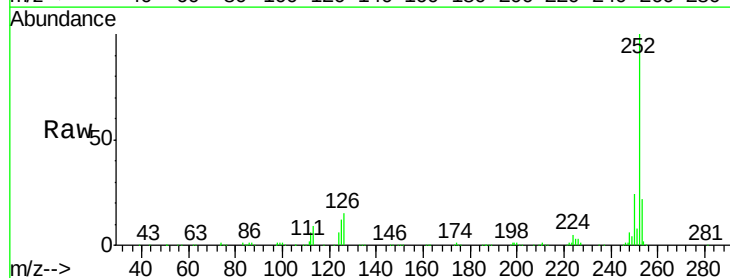
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

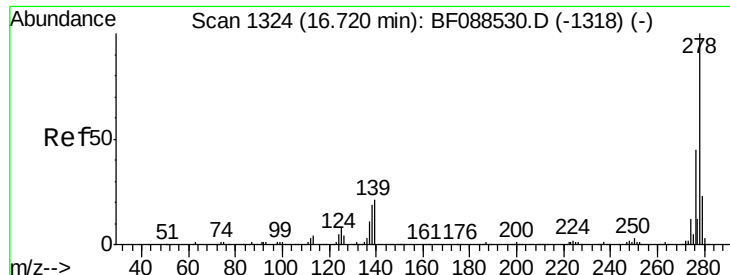
Tot Ion:252 Resp: 756814
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 11.4 11.2 16.8



#89
Benzo(a)pyrene
Concen: 40.15 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:252 Resp: 347258
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.0 12.5 18.7#



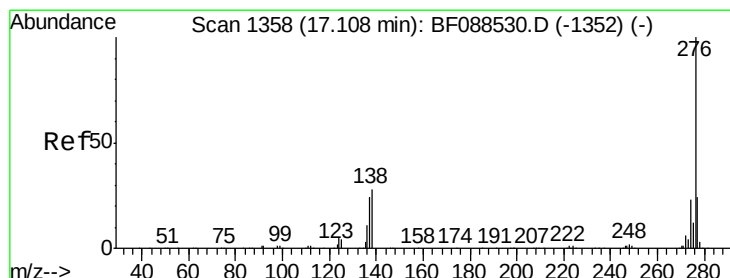
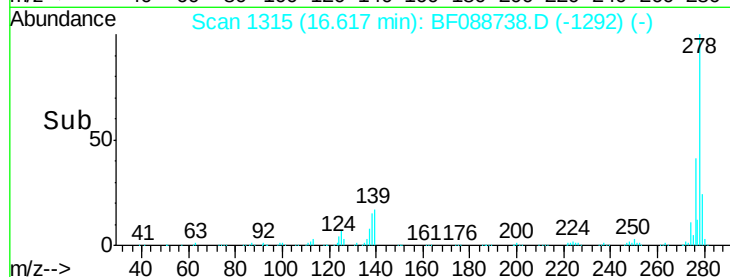
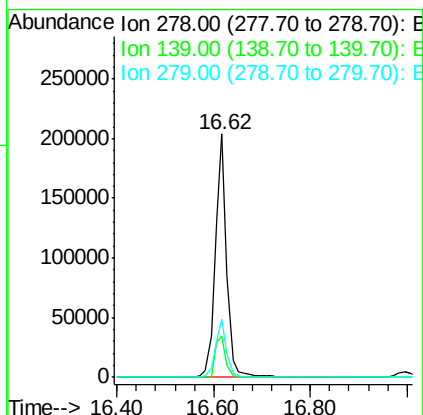
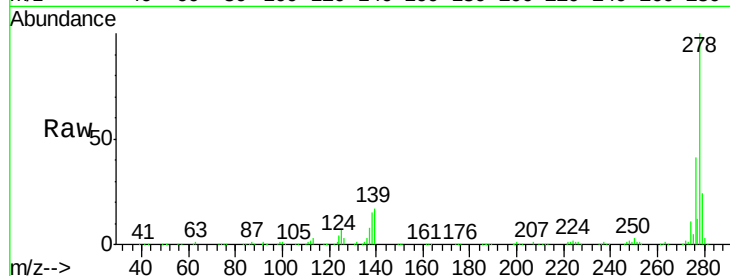


#90
Dibenzo(a,h)anthracene
Concen: 47.04 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 339787

Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.7	23.5
279	24.0	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 47.40 ng
RT: 16.99 min Scan# 1348
Delta R.T. -0.05 min
Lab File: BF088738.D
Acq: 6 Jul 2016 15:10

Tgt Ion:276 Resp: 354304

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	26.2	21.4	32.2

