

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
 Data File : BF089006.D
 Acq On : 15 Jul 2016 1:21
 Operator : UM/SJ
 Sample : H3972-17MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Quant Time: Jul 15 03:48:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	48854	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	189606	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	75486	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	136095	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	94452	20.00	ng	-0.02
86) Perylene-d12	15.20	264	68276	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	391750	120.18	ng	0.00
7) Phenol-d6	6.35	99	524771	124.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	300081	82.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	84392	120.39	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	428671	89.70	ng	-0.02
78) Terphenyl-d14	12.78	244	333641	78.68	ng	-0.02

Target Compounds				Qvalue		
3) Pyridine	2.84	79	135763	28.95	ng	93
4) n-Nitrosodimethylamine	2.80	42	72321	40.37	ng	95
6) Aniline	6.43	93	250507	40.81	ng	# 57
8) 2-Chlorophenol	6.48	128	154804	44.19	ng	96
9) Benzaldehyde	6.23	77	73524	25.77	ng	86
10) Phenol	6.36	94	219839	45.73	ng	88
11) bis(2-Chloroethyl)ether	6.43	93	250507	69.88	ng	86
12) 1,3-Dichlorobenzene	6.63	146	149964	38.90	ng	96
13) 1,4-Dichlorobenzene	6.71	146	164336	42.95	ng	96
14) 1,2-Dichlorobenzene	6.86	146	137069	38.27	ng	# 85
15) Benzyl Alcohol	6.84	79	144579	46.64	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	175149	33.74	ng	82
17) 2-Methylphenol	6.97	107	123583	43.24	ng	# 93
18) Hexachloroethane	7.20	117	32461	21.93	ng	# 82
19) n-Nitroso-di-n-propylamine	7.12	70	116560	41.20	ng	90
20) 3+4-Methylphenols	7.12	107	153973	44.89	ng	# 79
22) Acetophenone	7.11	105	221407	48.11	ng	# 94
24) Nitrobenzene	7.28	77	177721	48.72	ng	# 84
25) Isophorone	7.52	82	276801	41.30	ng	95
26) 2-Nitrophenol	7.60	139	53818	35.98	ng	# 81
27) 2,4-Dimethylphenol	7.64	122	111741	35.86	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	188475	43.21	ng	# 95
29) 2,4-Dichlorophenol	7.84	162	99498	39.51	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	116169	42.04	ng	98
31) Naphthalene	8.00	128	433103	46.33	ng	99
32) Benzoic acid	7.64	122	111741	49.40	ng	# 18
33) 4-Chloroaniline	8.07	127	80640	19.39	ng	97
34) Hexachlorobutadiene	8.12	225	62755	42.41	ng	99
35) Caprolactam	8.42	113	33405	39.06	ng	# 69
36) 4-Chloro-3-methylphenol	8.55	107	121586	40.83	ng	97
37) 2-Methylnaphthalene	8.68	142	226591	37.65	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	109378	43.56	ng	# 1
42) 2,4,6-Trichlorophenol	8.97	196	70022	42.30	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	71721	50.36	ng	# 94

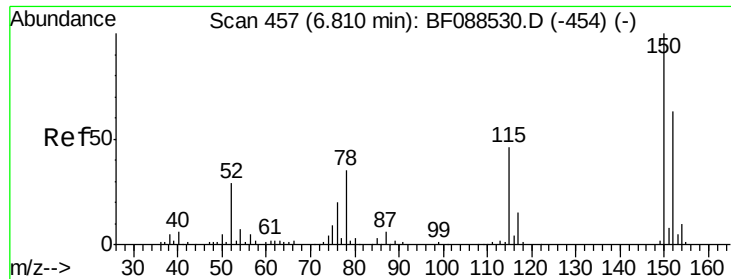
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.15	154	311894	49.90	ng	97
46) 2-Chloronaphthalene	9.18	162	232951	47.47	ng	97
47) 2-Nitroaniline	9.27	65	68688	39.44	ng	94
48) Acenaphthylene	9.59	152	366388	46.93	ng	99
49) Dimethylphthalate	9.46	163	351176	65.30	ng	98
50) 2,6-Dinitrotoluene	9.52	165	49778	41.76	ng	91
51) Acenaphthene	9.76	154	216920	45.32	ng	98
52) 3-Nitroaniline	9.68	138	50747	33.49	ng	90
54) Dibenzofuran	9.93	168	304930	48.68	ng	94
55) 4-Nitrophenol	9.86	139	82542	71.69	ng	93
56) 2,4-Dinitrotoluene	9.92	165	58629	37.62	ng	# 65
57) Fluorene	10.27	166	227636	47.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	48427	43.95	ng	# 50
59) Diethylphthalate	10.16	149	251929	46.68	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	93875	41.85	ng	# 87
61) 4-Nitroaniline	10.28	138	56383	38.67	ng	# 76
62) Azobenzene	10.42	77	269465	43.77	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	1715	2.36	ng	# 44
65) n-Nitrosodiphenylamine	10.39	169	205192	44.55	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	58100	42.36	ng	95
67) Hexachlorobenzene	10.82	284	53267	35.09	ng	# 73
68) Atrazine	10.91	200	50214	34.99	ng	90
69) Pentachlorophenol	11.02	266	60691	67.55	ng	98
70) Phenanthrene	11.22	178	436466	58.67	ng	99
71) Anthracene	11.28	178	412605	55.78	ng	98
72) Carbazole	11.43	167	295941	42.51	ng	99
73) Di-n-butylphthalate	11.77	149	383193	47.32	ng	99
74) Fluoranthene	12.41	202	761894	101.02	ng	97
77) Pyrene	12.64	202	736929	92.02	ng	99
79) Butylbenzylphthalate	13.26	149	162723	45.55	ng	# 74
80) Benzo(a)anthracene	13.82	228	429101	70.55	ng	98
81) 3,3'-Dichlorobenzidine	13.78	252	41490	18.14	ng	# 96
82) Chrysene	13.85	228	306509	50.94	ng	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	261963	64.23	ng	# 98
84) Di-n-octyl phthalate	14.43	149	358721	51.77	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	234621	50.68	ng	# 100
87) Benzo(b)fluoranthene	14.82	252	578541	135.08	ng	# 94
88) Benzo(k)fluoranthene	14.82	252	578541	155.16	ng	99
89) Benzo(a)pyrene	15.14	252	287437	79.26	ng	99
90) Dibenzo(a,h)anthracene	16.50	278	161298	53.27	ng	98
91) Benzo(g,h,i)perylene	16.88	276	201297	64.24	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

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LSS-SS-SS04(0-2in)MSD

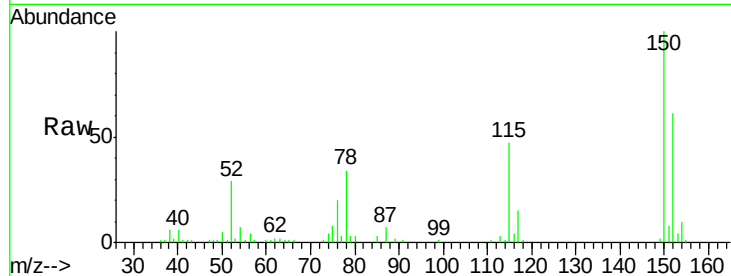
Tgt Ion:152 Resp: 48854

Ion Ratio Lower Upper

152 100

150 162.9 123.8 185.6

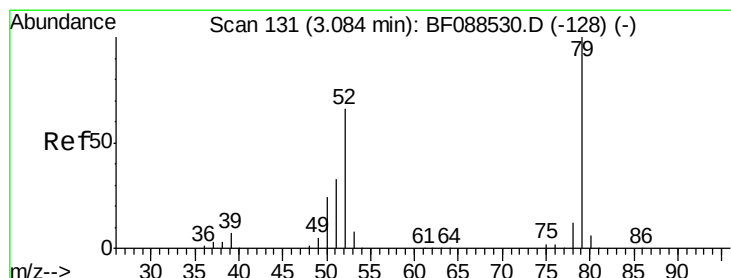
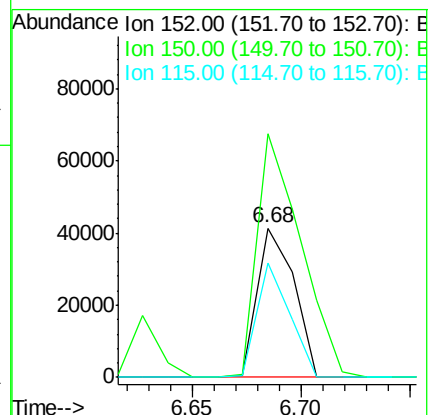
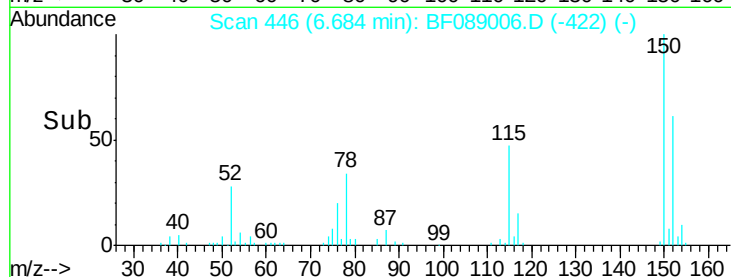
115 76.2 39.6 59.4#



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



#3

Pyridine

Concen: 28.95 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.03 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

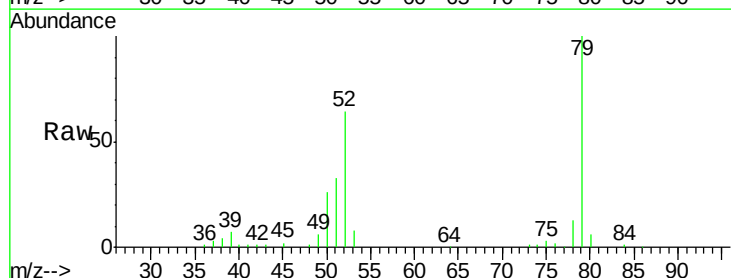
Tgt Ion: 79 Resp: 135763

Ion Ratio Lower Upper

79 100

52 63.5 56.3 84.5

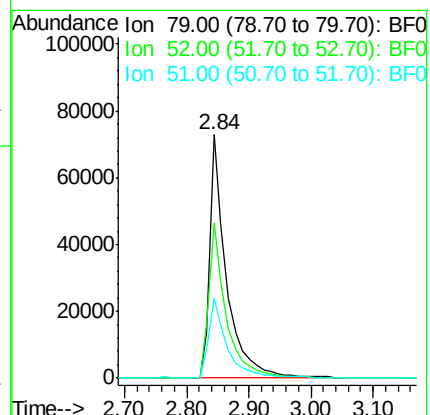
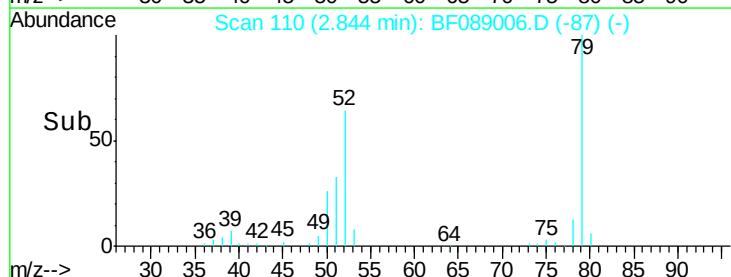
51 32.6 27.4 41.2

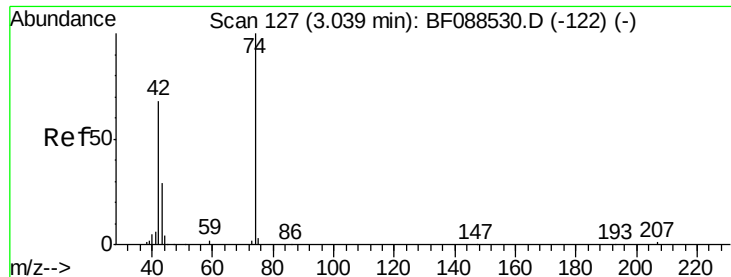


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 40.37 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.03 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

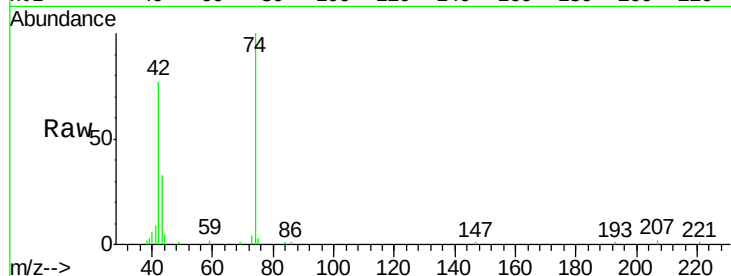
Tgt Ion: 42 Resp: 72321

Ion Ratio Lower Upper

42 100

74 129.4 108.6 163.0

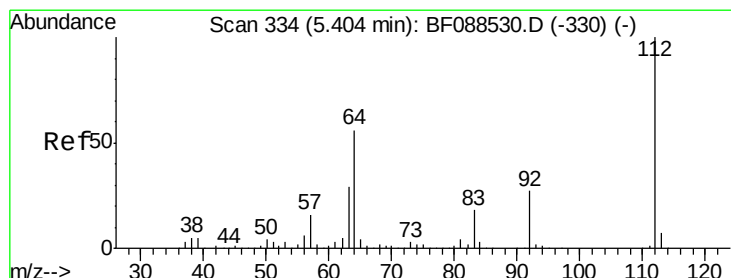
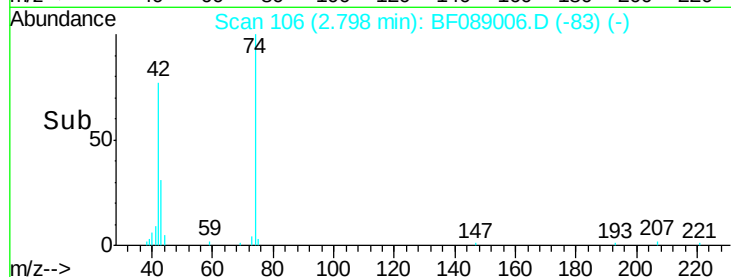
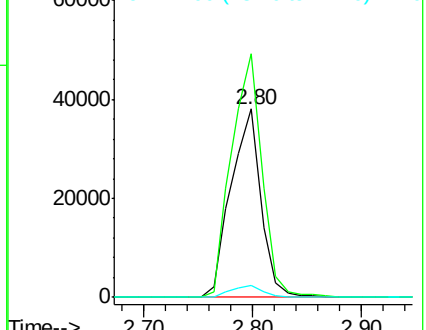
44 6.4 5.5 8.3



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: 120.18 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

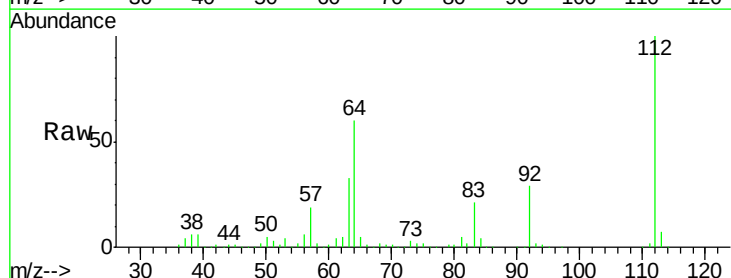
Tgt Ion: 112 Resp: 391750

Ion Ratio Lower Upper

112 100

64 60.4 42.2 63.2

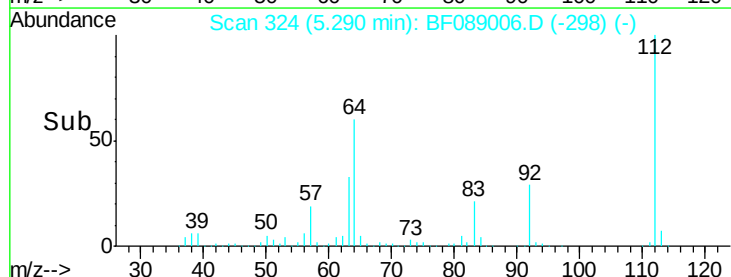
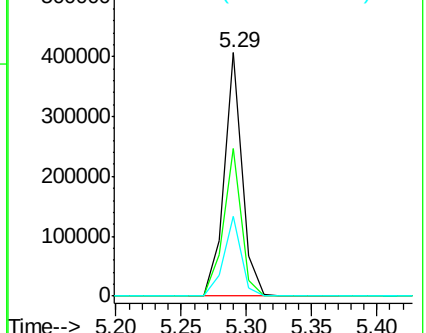
63 32.5 21.8 32.8

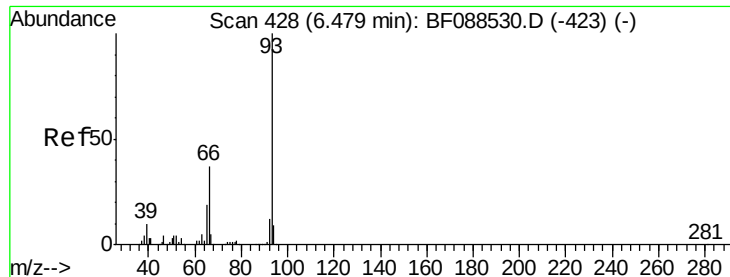


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 40.81 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.06 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

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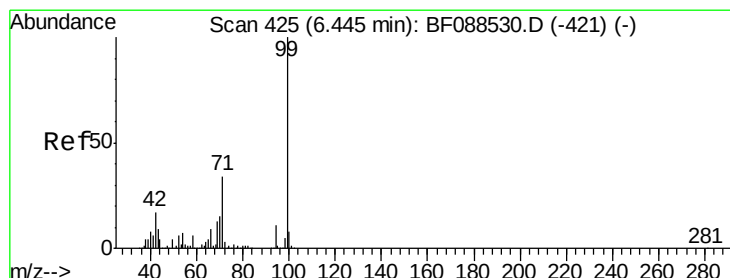
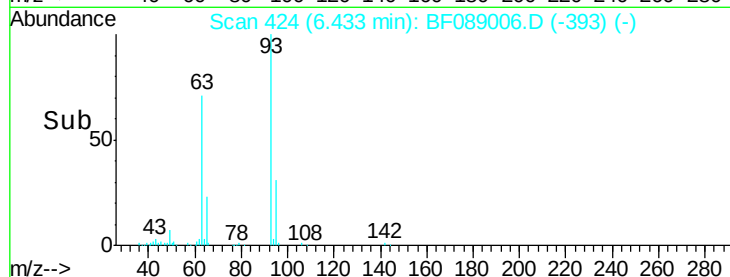
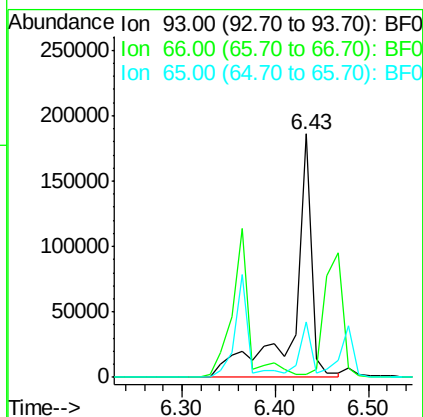
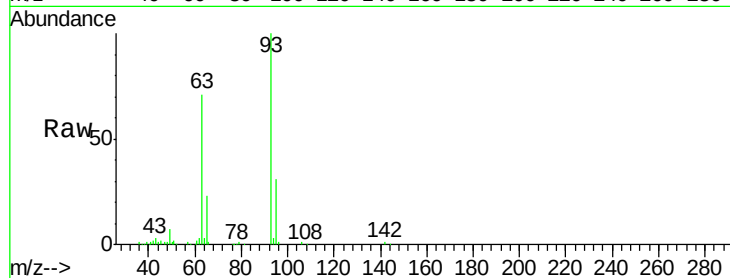
Tgt Ion: 93 Resp: 250507

Ion Ratio Lower Upper

93 100

66 1.4 29.8 44.8#

65 22.9 14.9 22.3#



#7

Phenol-d6

Concen: 124.59 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

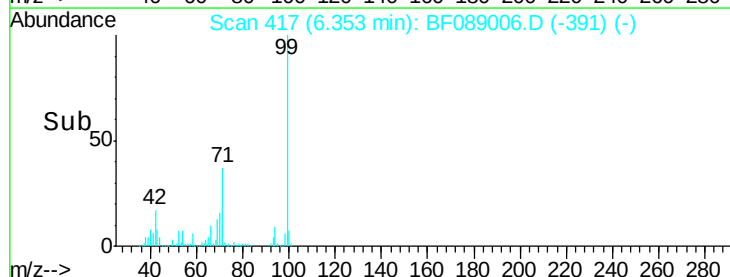
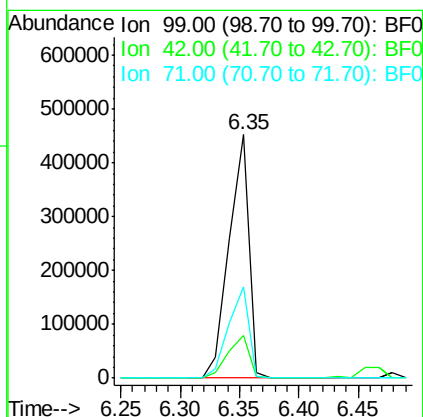
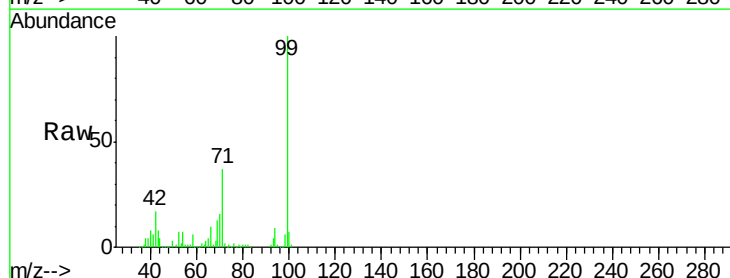
Tgt Ion: 99 Resp: 524771

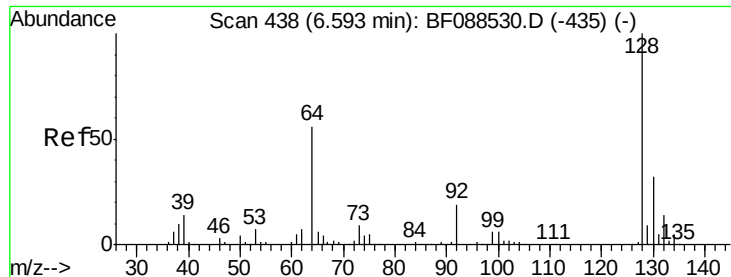
Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

71 37.3 23.4 35.0#





#8

2-Chlorophenol

Concen: 44.19 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

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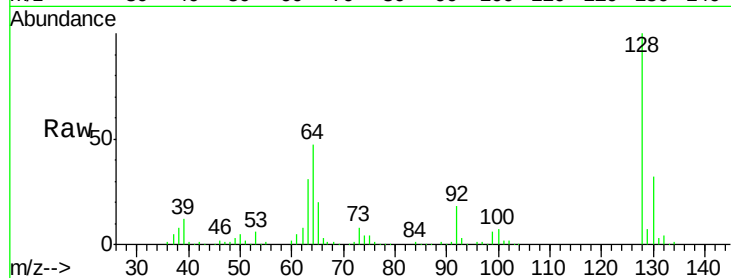
Tgt Ion:128 Resp: 154804

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

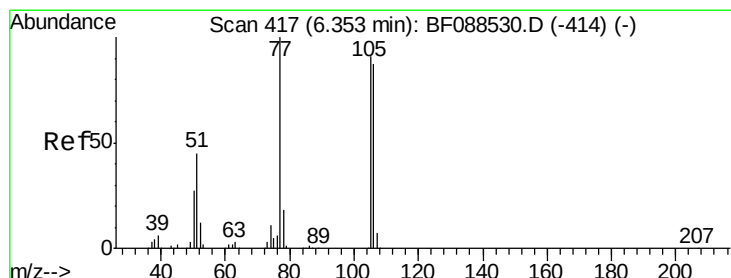
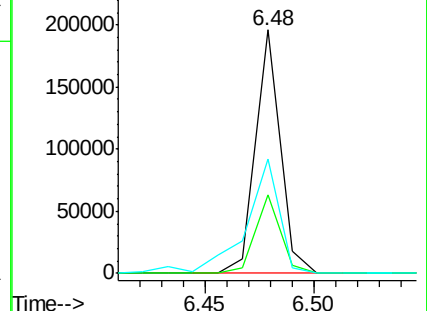
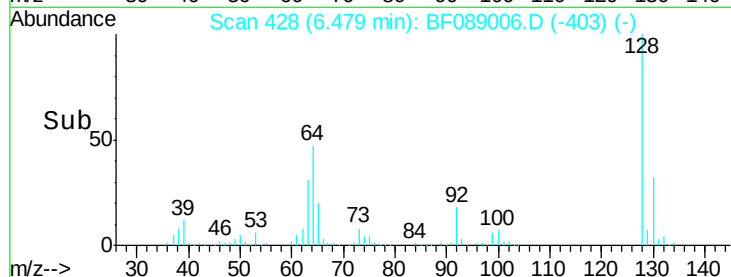
64 47.1 30.8 70.8



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: 25.77 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

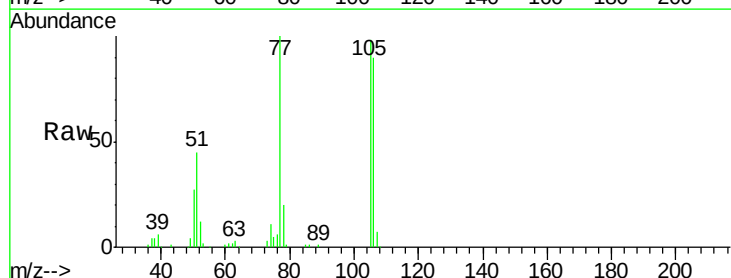
Tgt Ion: 77 Resp: 73524

Ion Ratio Lower Upper

77 100

105 97.7 90.6 130.6

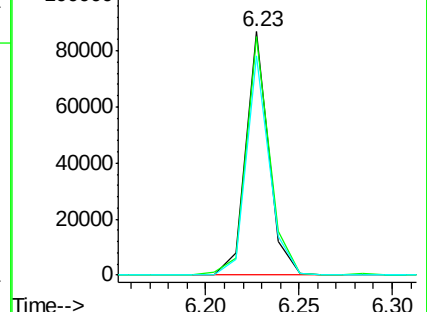
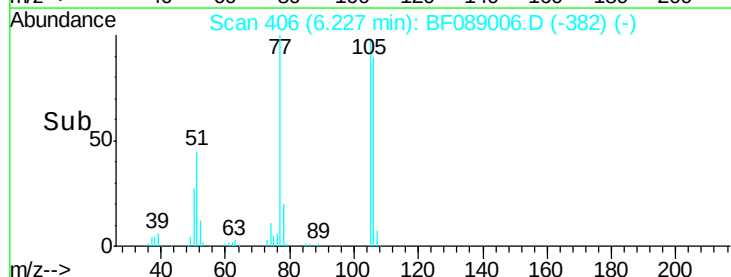
106 89.9 85.3 125.3

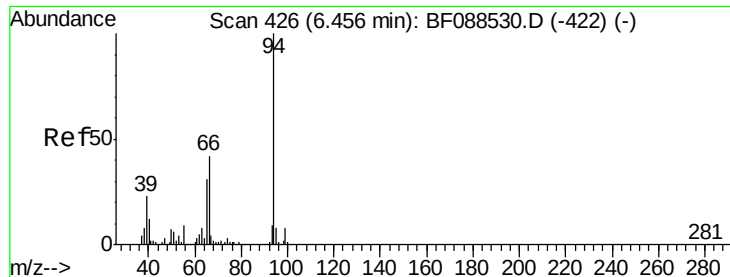


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 45.73 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

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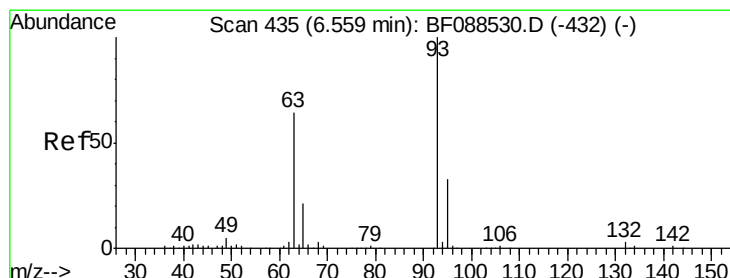
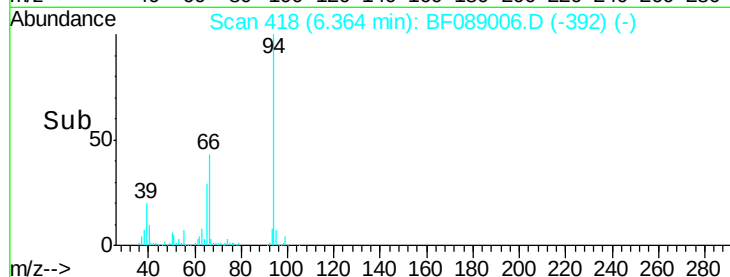
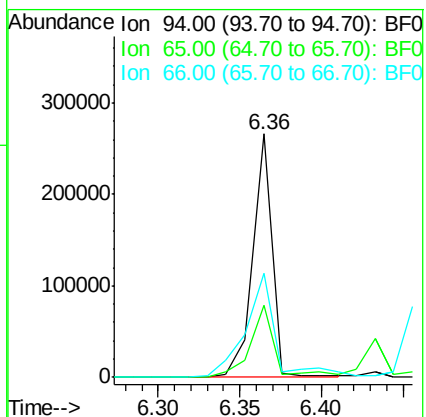
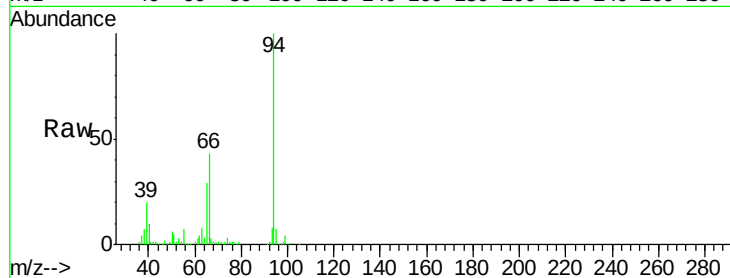
Tgt Ion: 94 Resp: 219839

Ion Ratio Lower Upper

94 100

65 29.4 5.9 45.9

66 42.9 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 69.88 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

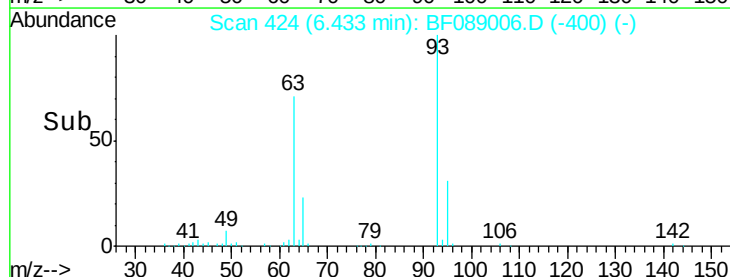
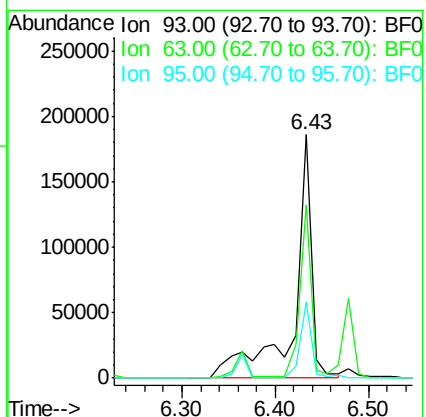
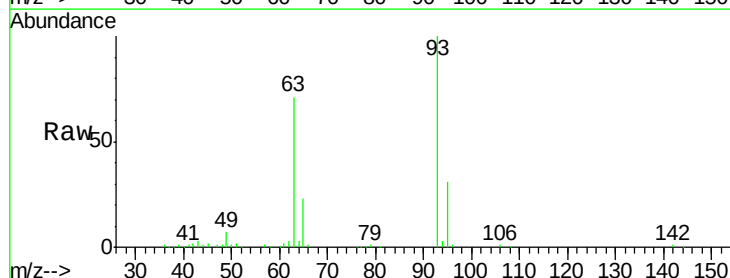
Tgt Ion: 93 Resp: 250507

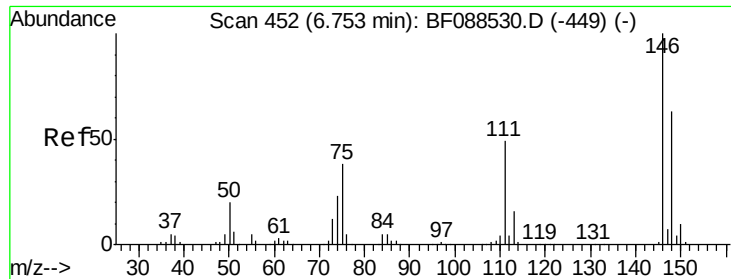
Ion Ratio Lower Upper

93 100

63 71.0 67.6 107.6

95 31.0 12.5 52.5

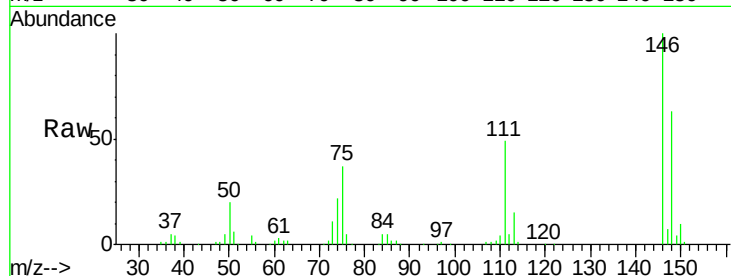




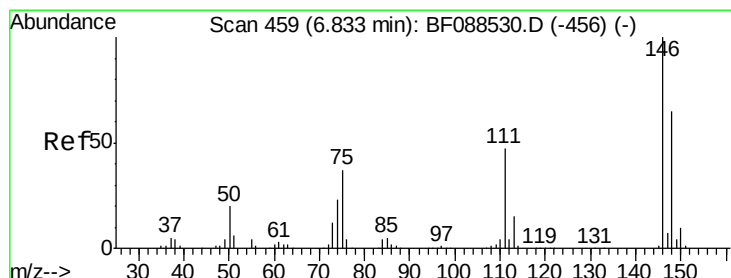
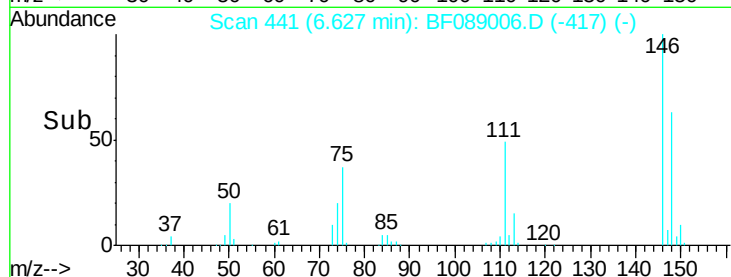
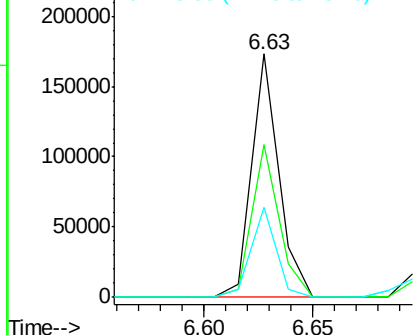
#12
 1,3-Dichlorobenzene
 Concen: 38.90 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	37.2	25.6	38.4

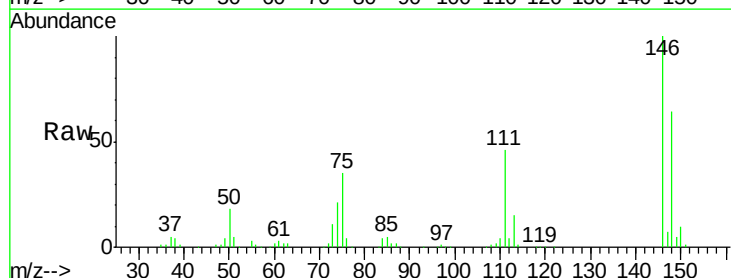


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

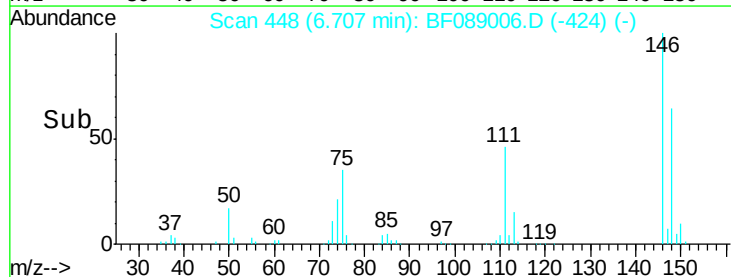
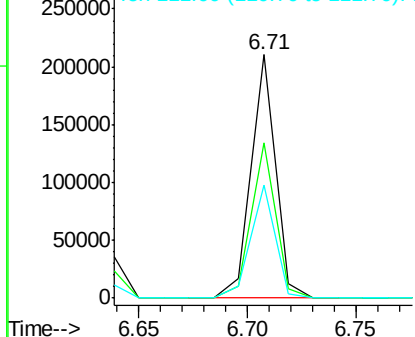


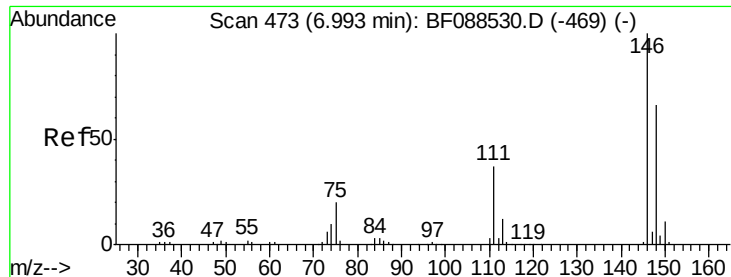
#13
 1,4-Dichlorobenzene
 Concen: 42.95 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.0	78.0
111	46.4	33.8	50.8



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

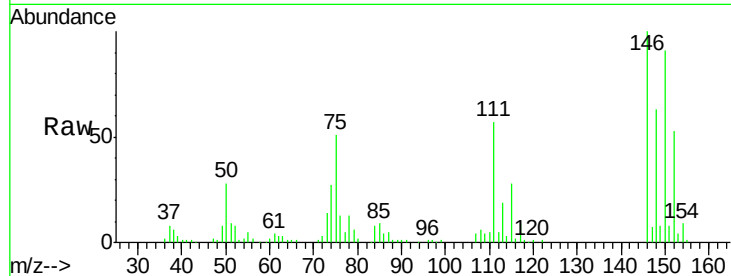




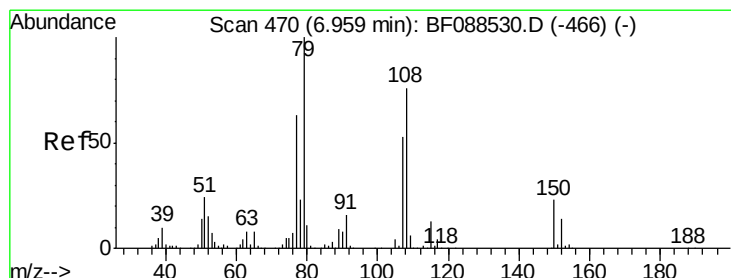
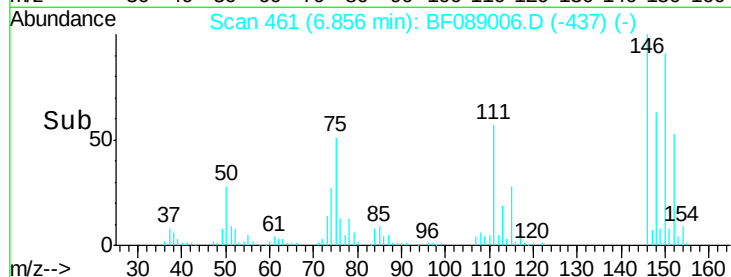
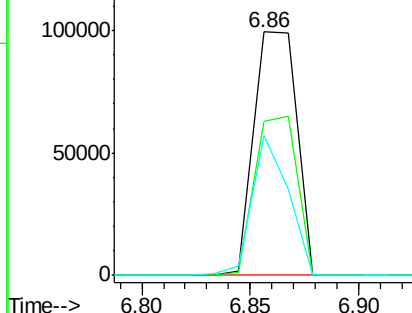
#14
1,2-Dichlorobenzene
Concen: 38.27 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

Tgt Ion:146 Resp: 137069
Ion Ratio Lower Upper
146 100
148 63.0 52.3 78.5
111 57.4 28.7 43.1#

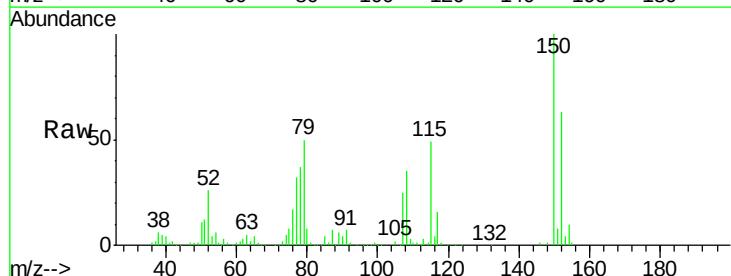


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

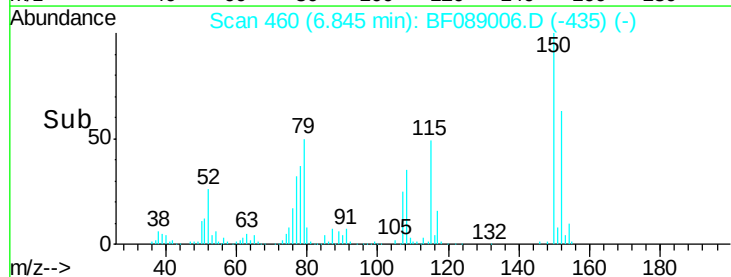
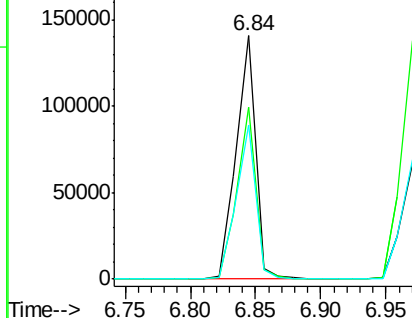


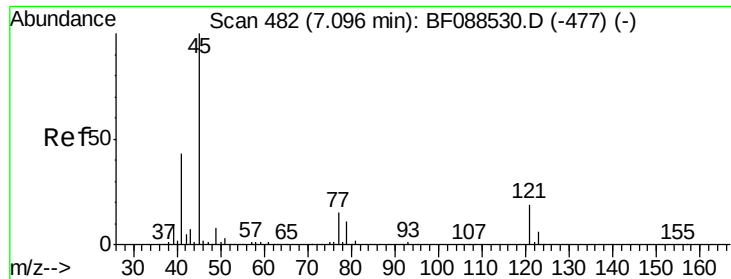
#15
Benzyl Alcohol
Concen: 46.64 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion: 79 Resp: 144579
Ion Ratio Lower Upper
79 100
108 70.4 65.0 97.6
77 63.3 50.3 75.5



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

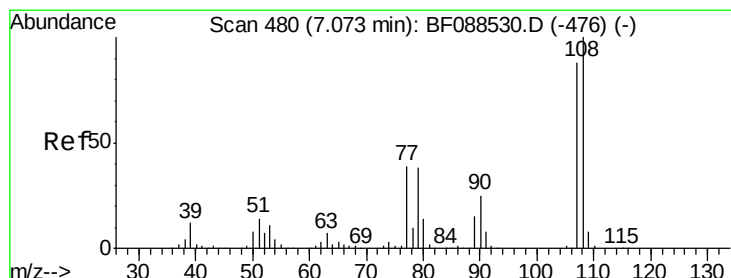
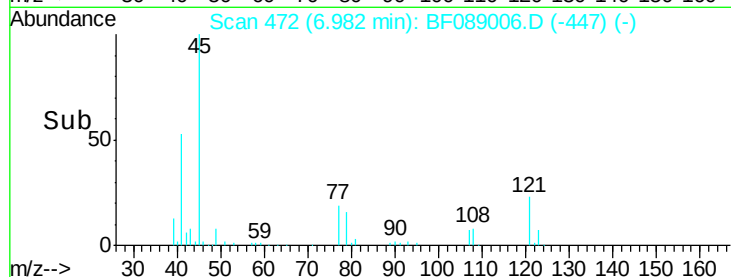
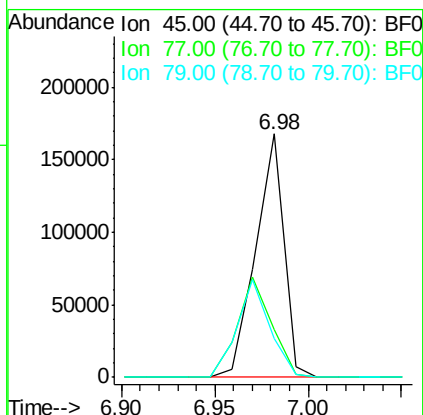
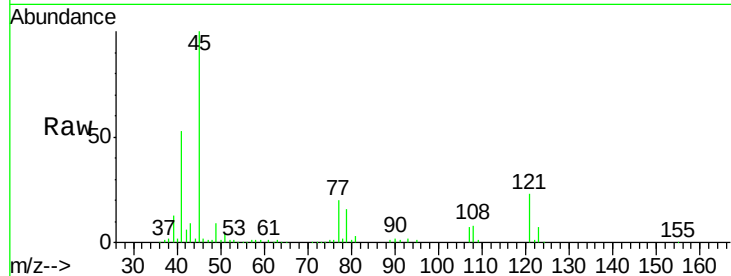




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.74 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

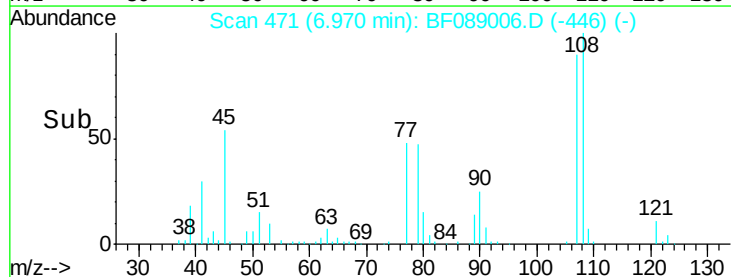
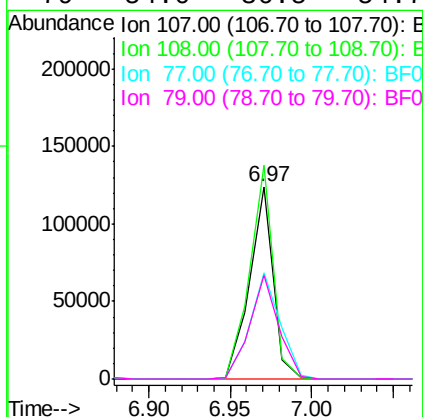
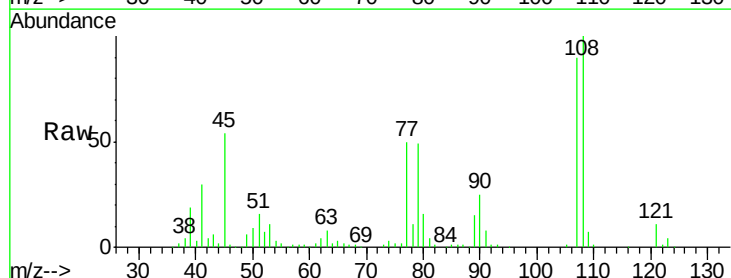
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

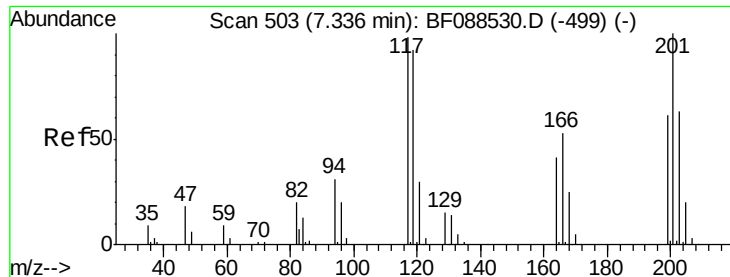
Tgt Ion: 45 Resp: 175149
Ion Ratio Lower Upper
45 100
77 19.9 0.0 32.5
79 16.1 0.0 29.5



#17
2-Methylphenol
Concen: 43.24 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion: 107 Resp: 123583
Ion Ratio Lower Upper
107 100
108 111.0 90.9 136.3
77 55.4 36.6 55.0#
79 54.0 36.5 54.7

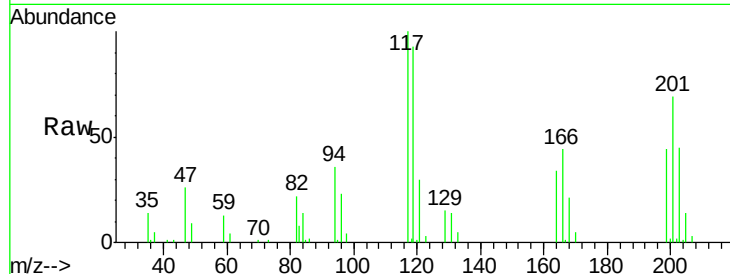




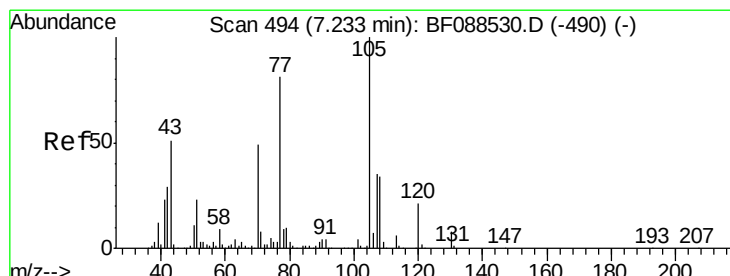
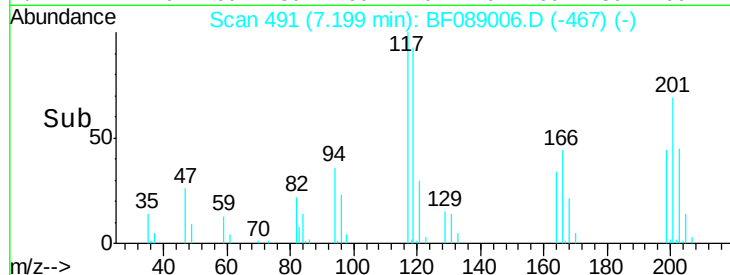
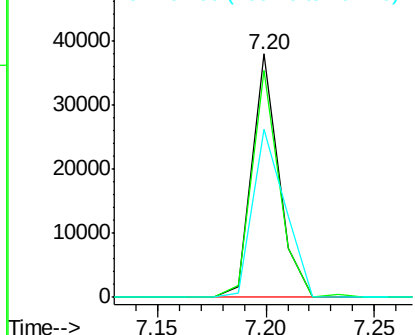
#18
Hexachloroethane
Concen: 21.93 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

Tgt Ion: 117 Resp: 32461
Ion Ratio Lower Upper
117 100
119 93.0 77.4 116.2
201 69.3 80.4 120.6#



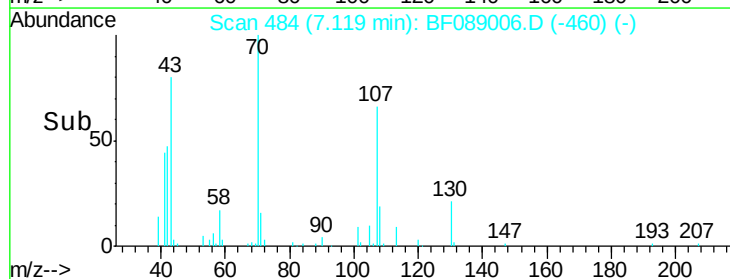
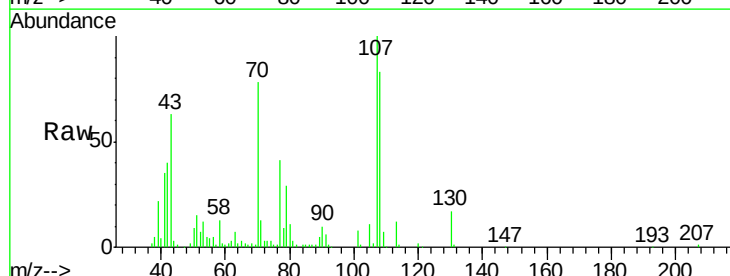
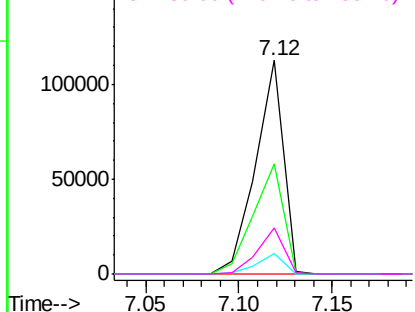
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

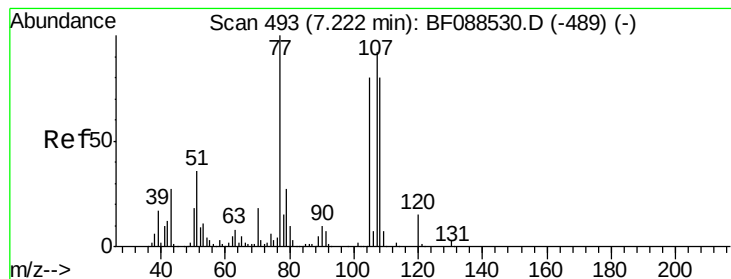


#19
n-Nitroso-di-n-propylamine
Concen: 41.20 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion: 70 Resp: 116560
Ion Ratio Lower Upper
70 100
42 51.7 49.6 74.4
101 9.8 7.1 10.7
130 21.4 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 44.89 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

Tgt Ion:107 Resp: 153973

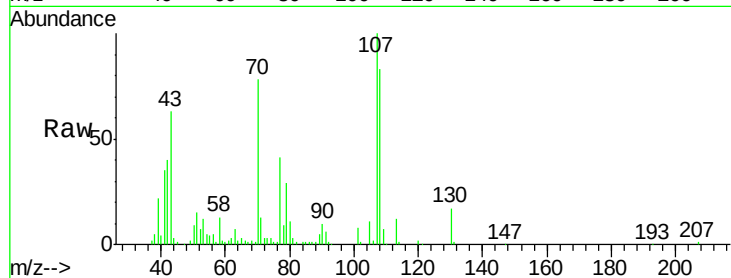
Ion Ratio Lower Upper

107 100

108 82.9 67.8 107.8

77 41.2 59.3 99.3#

79 28.9 7.0 47.0



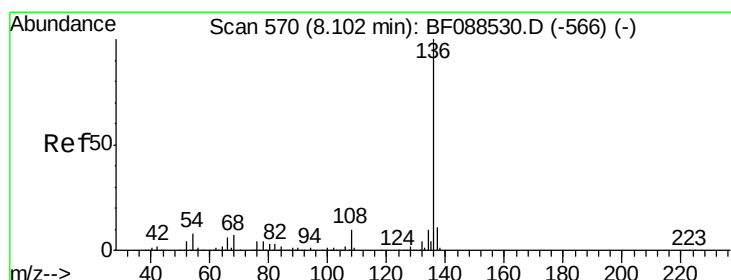
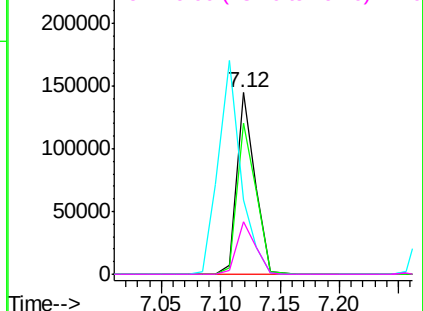
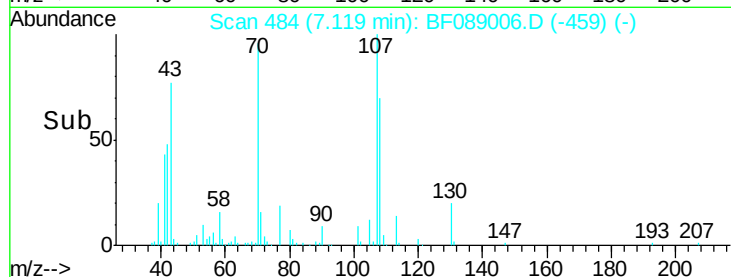
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Tgt Ion:136 Resp: 189606

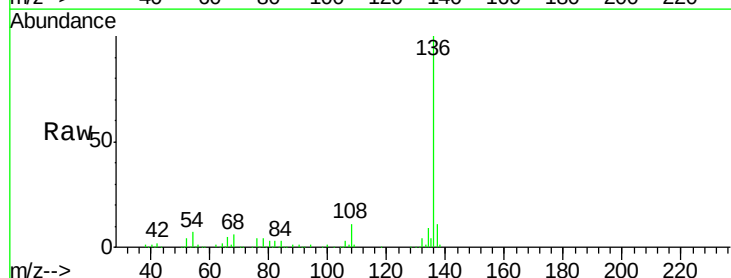
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.1 6.6 10.0

68 5.6 5.1 7.7



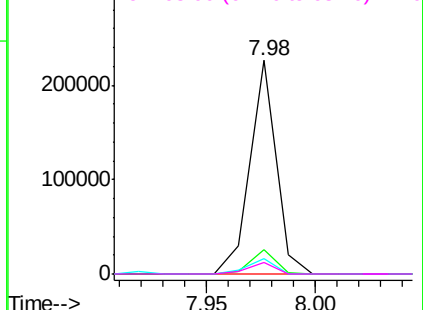
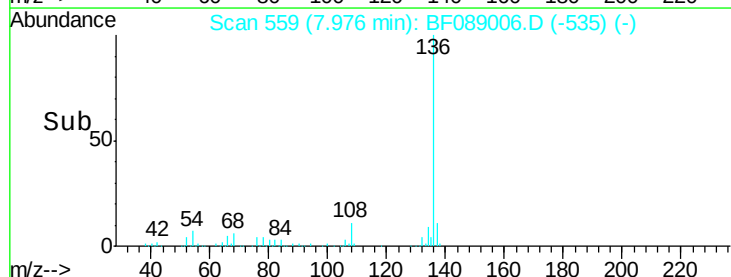
Abundance

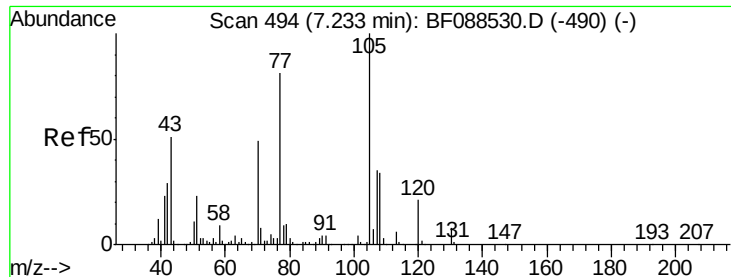
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

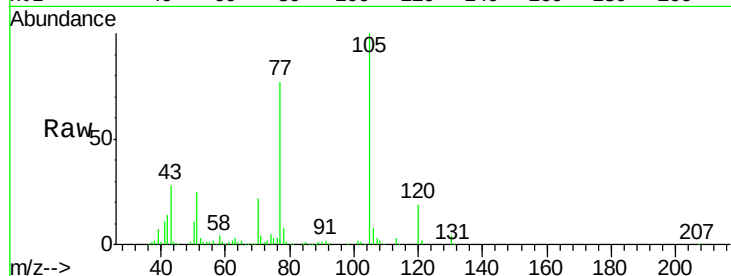




#22
Acetophenone
Concen: 48.11 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

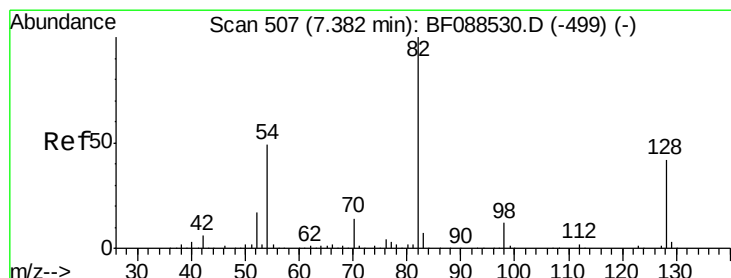
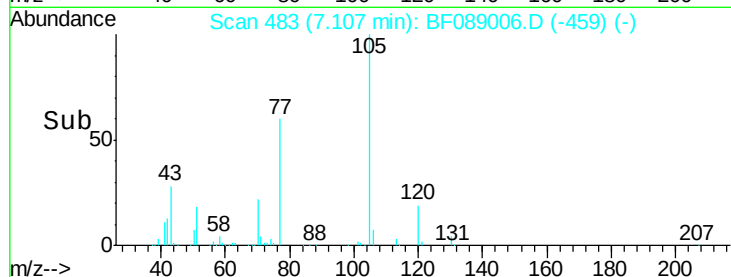
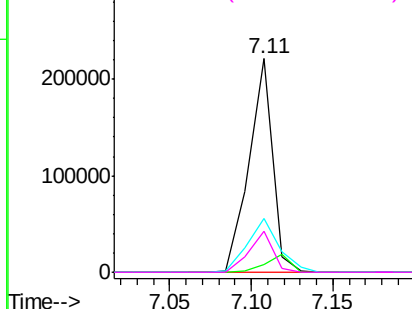
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

Tgt Ion: 105 Resp: 221407
Ion Ratio Lower Upper
105 100
71 3.6 5.3 7.9#
51 25.2 18.2 27.4
120 19.2 18.0 27.0



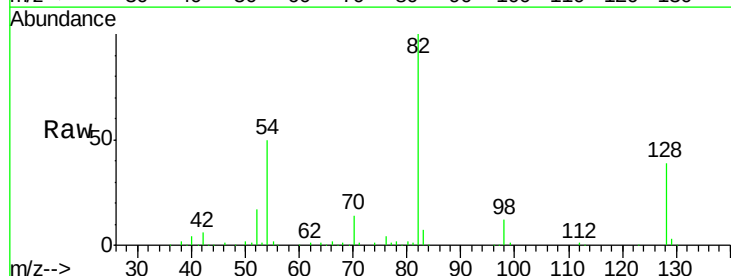
Abundance Ion 105.00 (104.70 to 105.70): E

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

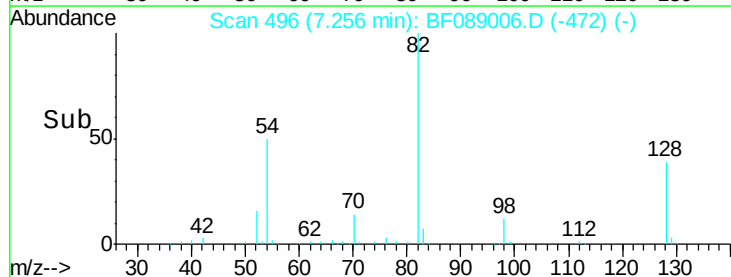
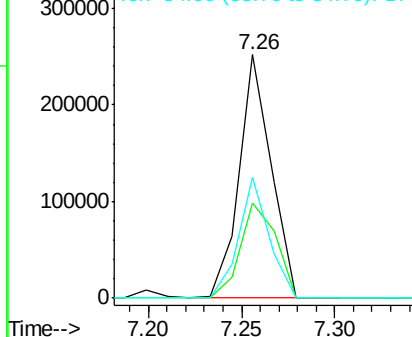


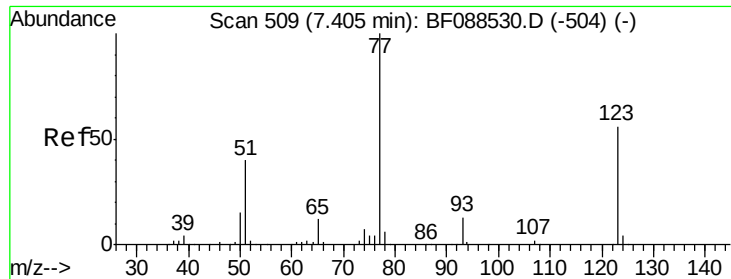
#23
Nitrobenzene-d5
Concen: 82.94 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion: 82 Resp: 300081
Ion Ratio Lower Upper
82 100
128 39.2 35.9 53.9
54 49.7 40.9 61.3



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





#24

Nitrobenzene

Concen: 48.72 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

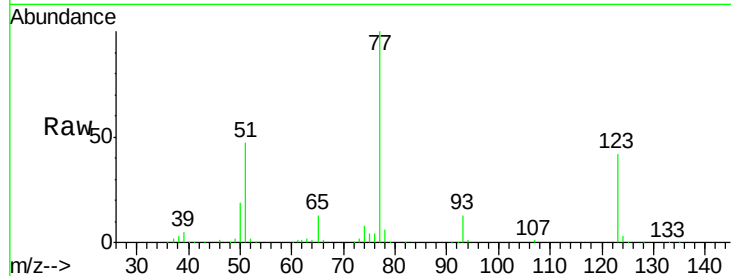
Tgt Ion: 77 Resp: 177721

Ion Ratio Lower Upper

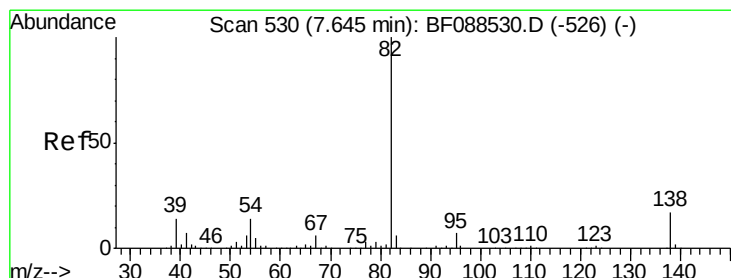
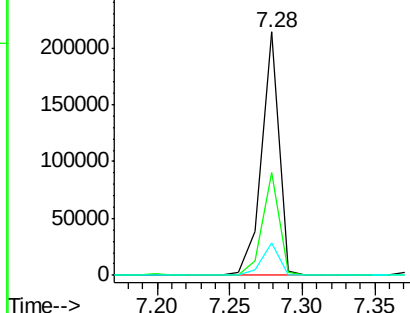
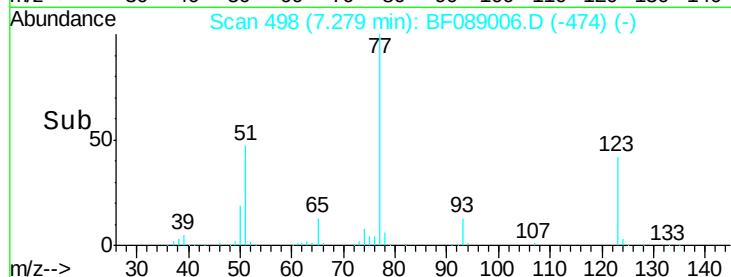
77 100

123 42.4 45.0 67.4#

65 13.2 10.2 15.2



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



#25

Isophorone

Concen: 41.30 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

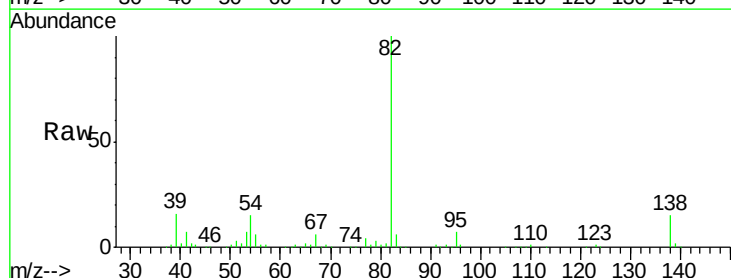
Tgt Ion: 82 Resp: 276801

Ion Ratio Lower Upper

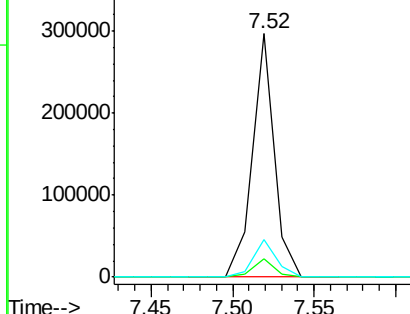
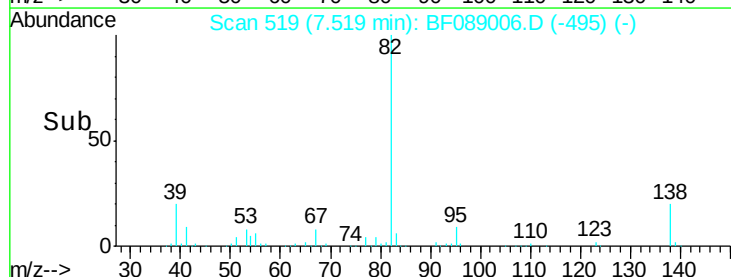
82 100

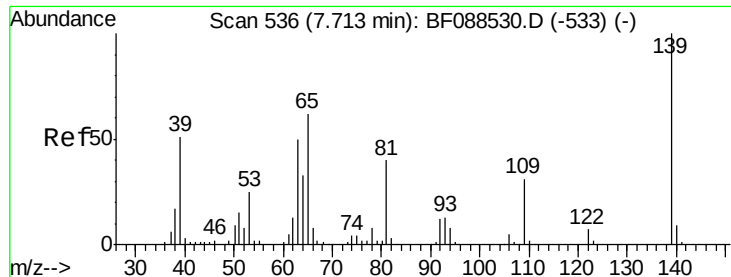
95 7.4 5.4 8.2

138 15.3 14.6 21.8



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

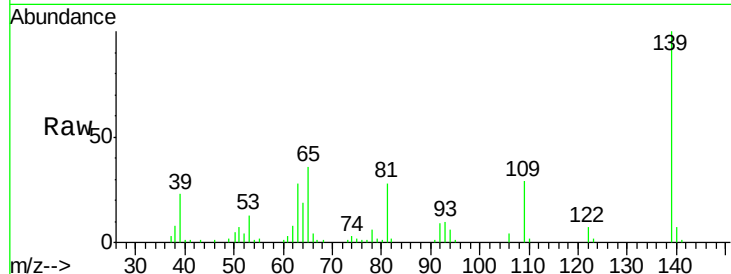




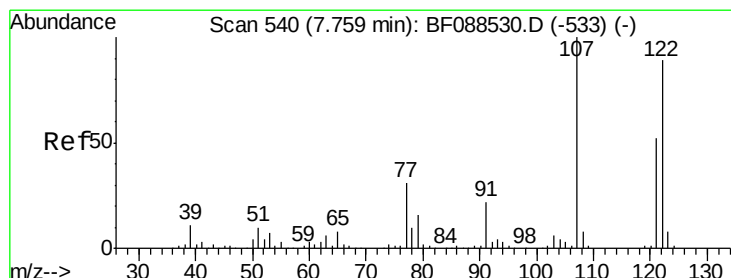
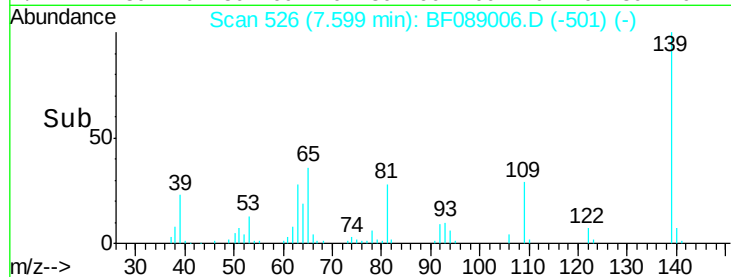
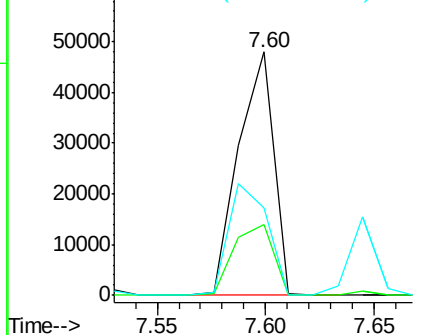
#26
 2-Nitrophenol
 Concen: 35.98 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion:139 Resp: 53818
 Ion Ratio Lower Upper
 139 100
 109 28.9 23.0 34.4
 65 35.9 45.8 68.8#

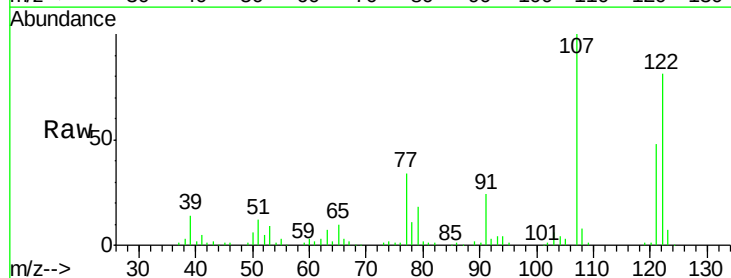


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

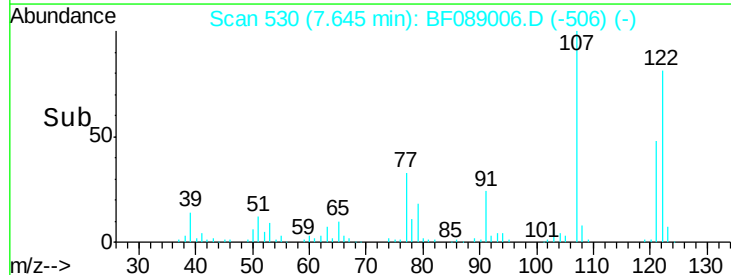
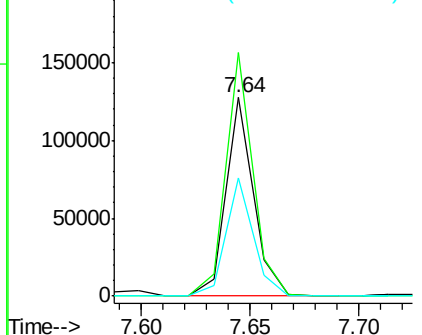


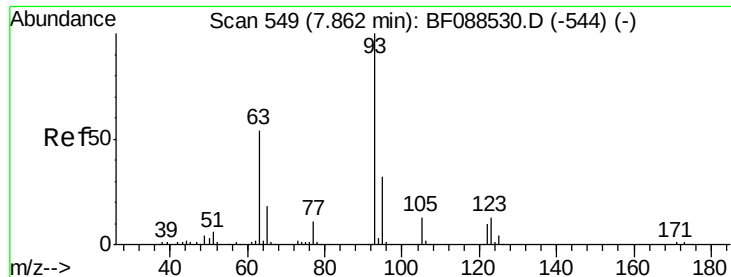
#27
 2,4-Dimethylphenol
 Concen: 35.86 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion:122 Resp: 111741
 Ion Ratio Lower Upper
 122 100
 107 122.8 82.4 123.6
 121 59.5 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

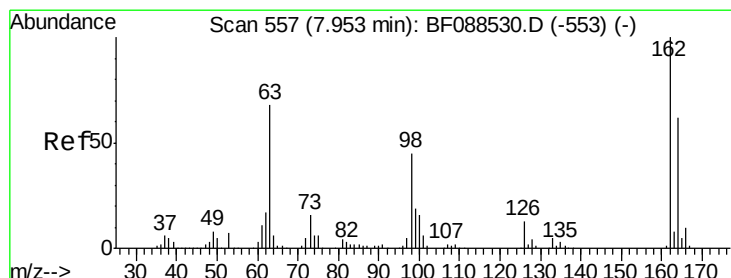
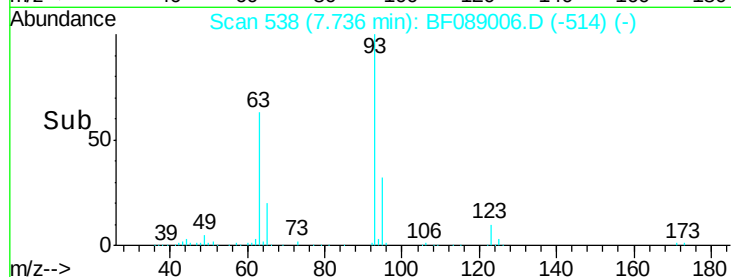
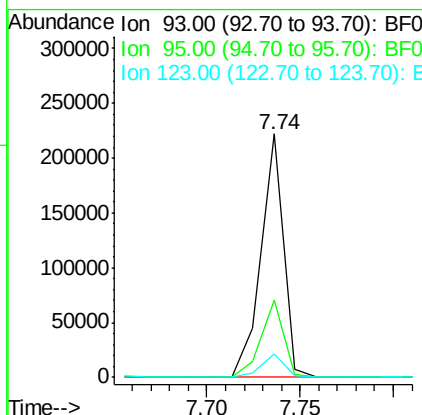
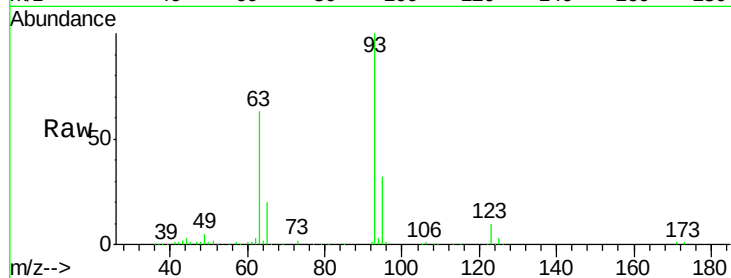




#28
 bis(2-Chloroethoxy)methane
 Concen: 43.21 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

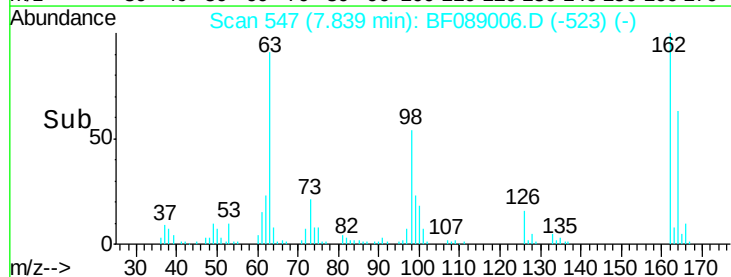
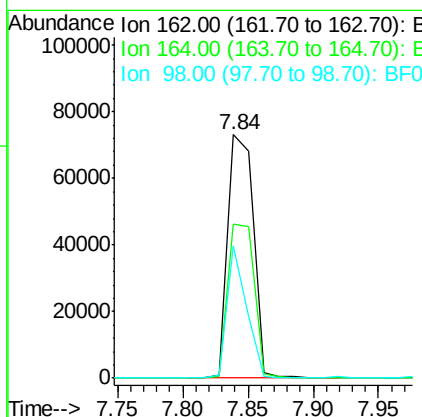
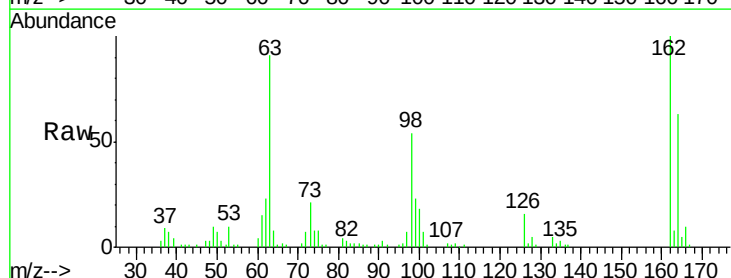
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

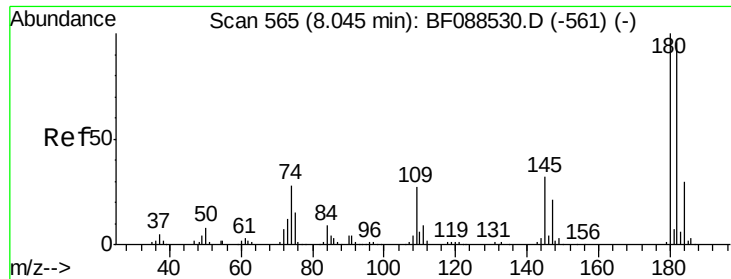
Tgt Ion: 93 Resp: 188475
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.5 39.7
 123 9.9 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 39.51 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion: 162 Resp: 99498
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.8 83.8
 98 54.1 21.3 61.3

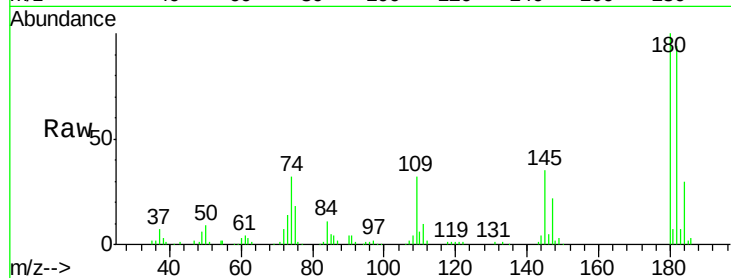




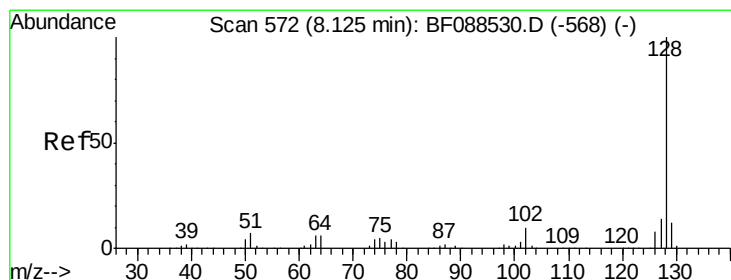
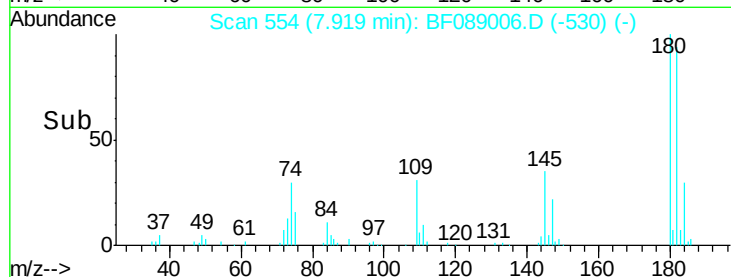
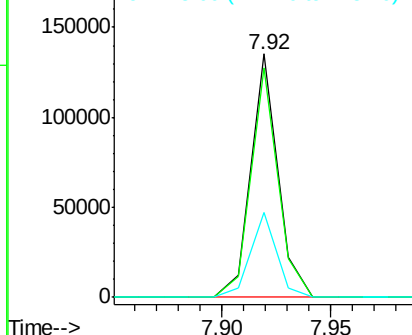
#30
 1,2,4-Trichlorobenzene
 Concen: 42.04 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion:180 Resp: 116169
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.0 114.0
 145 34.9 26.5 39.7

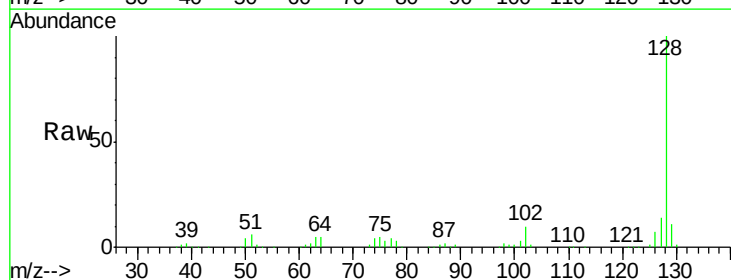


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

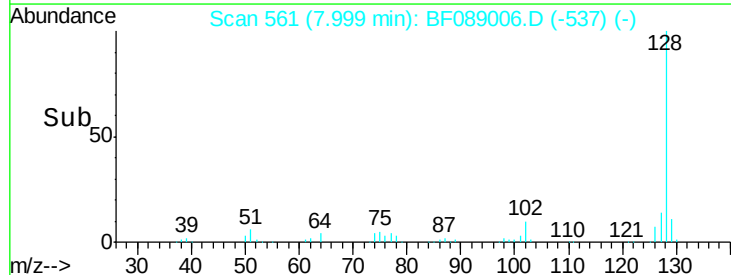
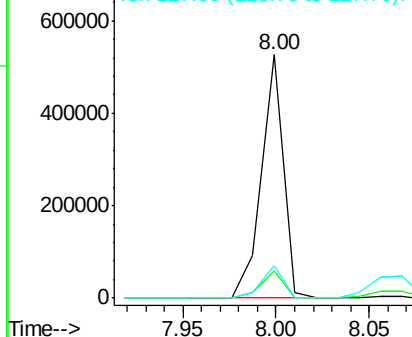


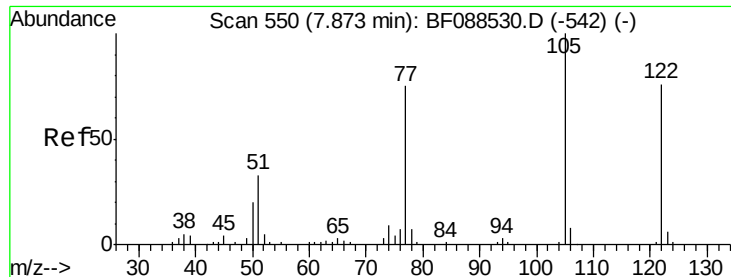
#31
 Naphthalene
 Concen: 46.33 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion:128 Resp: 433103
 Ion Ratio Lower Upper
 128 100
 129 11.1 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: 49.40 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.16 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

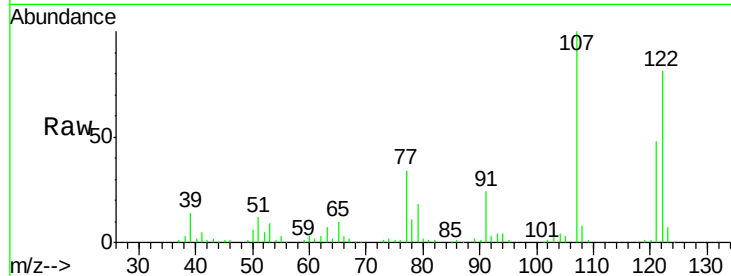
Tgt Ion:122 Resp: 111741

Ion Ratio Lower Upper

122 100

105 4.2 101.6 141.6#

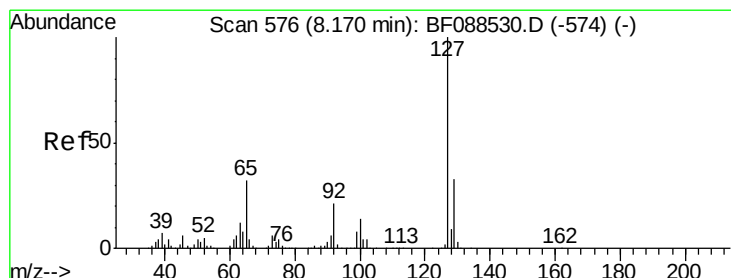
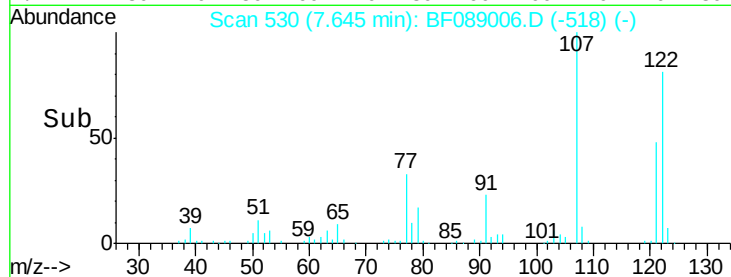
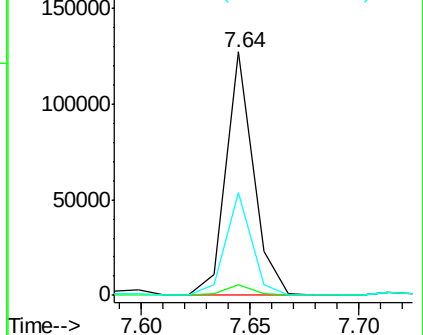
77 42.1 70.6 110.6#



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: 19.39 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Tgt Ion:127 Resp: 80640

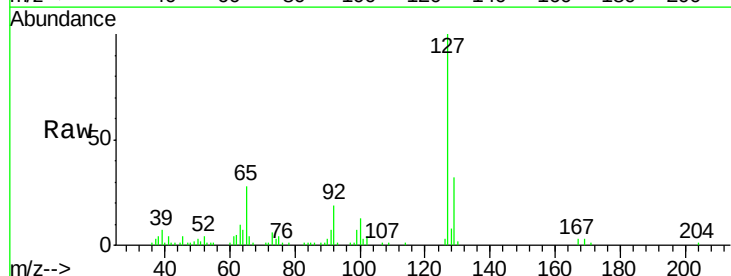
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 28.0 24.7 37.1

92 18.6 15.4 23.0

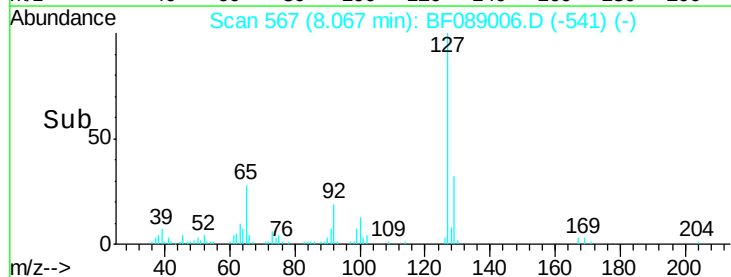
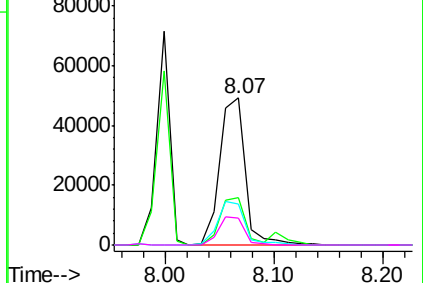


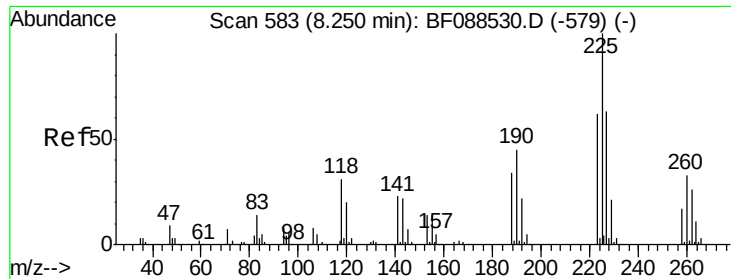
Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.41 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

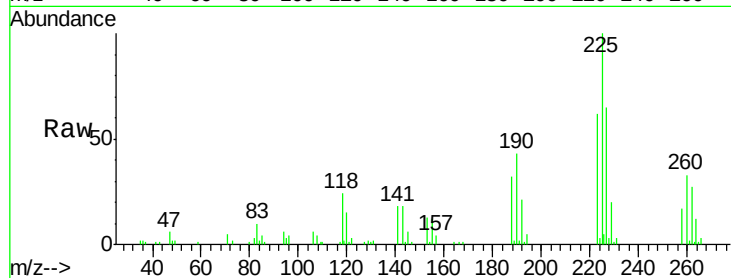
Tgt Ion:225 Resp: 62755

Ion Ratio Lower Upper

225 100

223 61.7 50.9 76.3

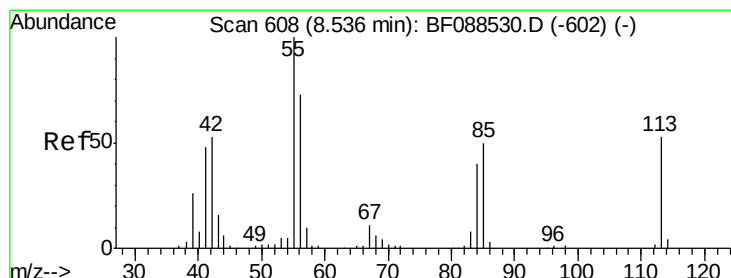
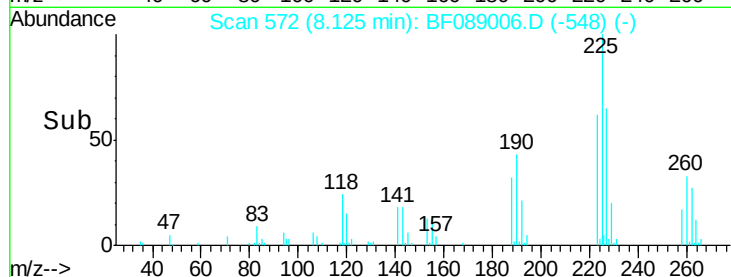
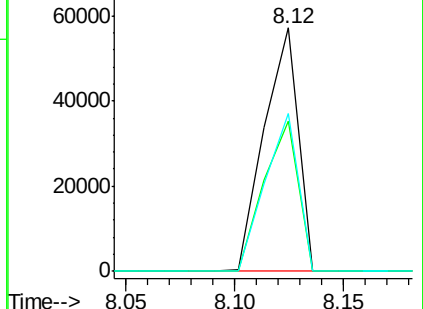
227 64.9 51.9 77.9



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: 39.06 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

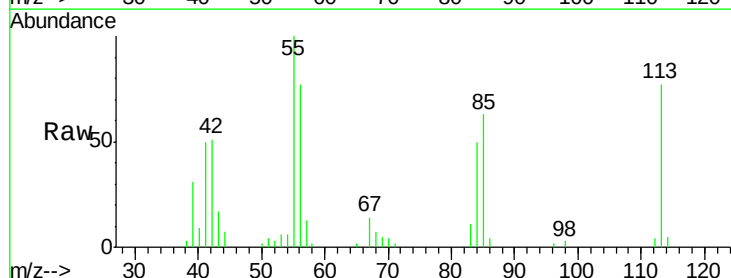
Tgt Ion:113 Resp: 33405

Ion Ratio Lower Upper

113 100

55 130.0 158.6 198.6#

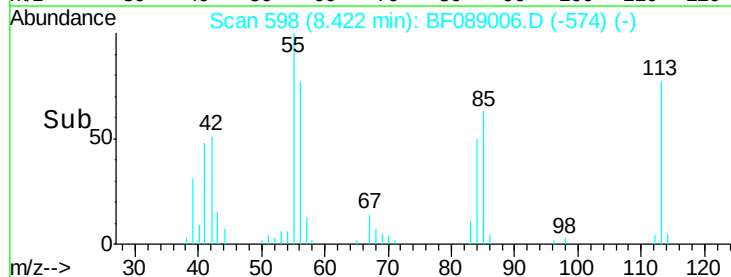
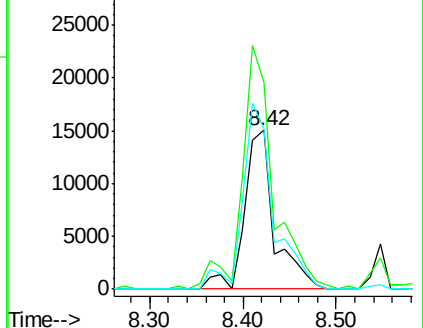
56 100.5 110.6 150.6#

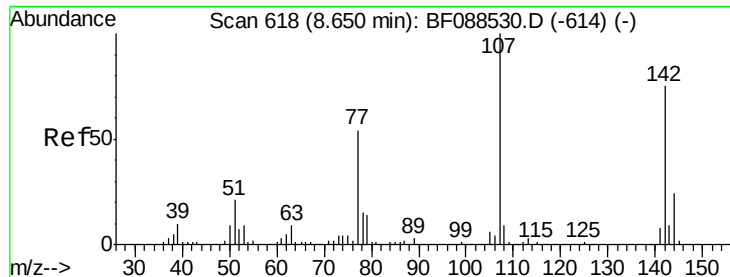


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

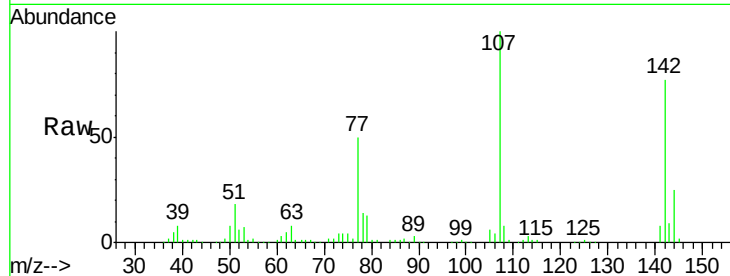




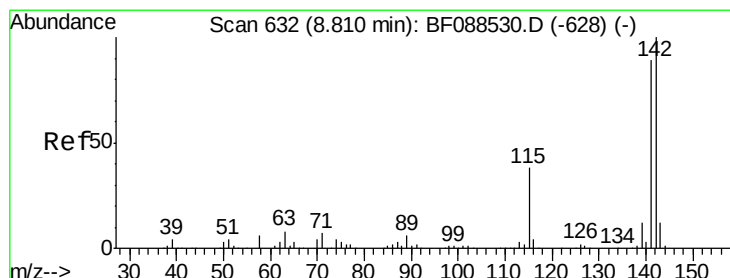
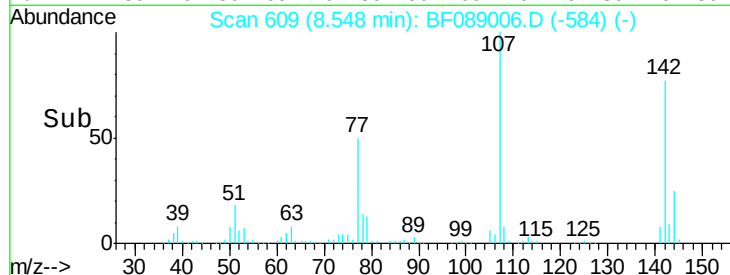
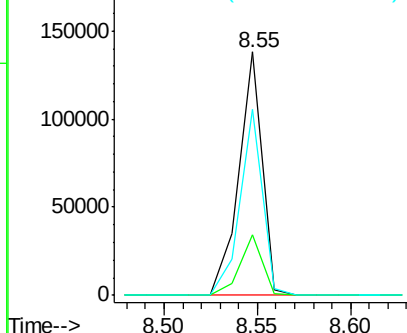
#36
 4-Chloro-3-methylphenol
 Concen: 40.83 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion:107 Resp: 121586
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.8 31.2
 142 76.6 63.4 95.2

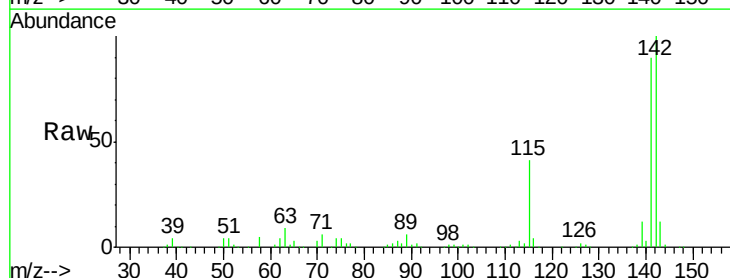


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

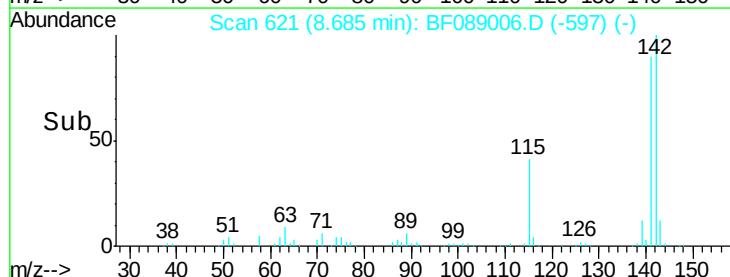
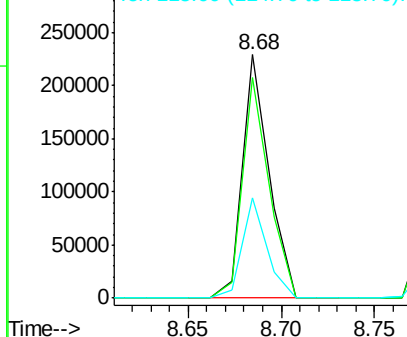


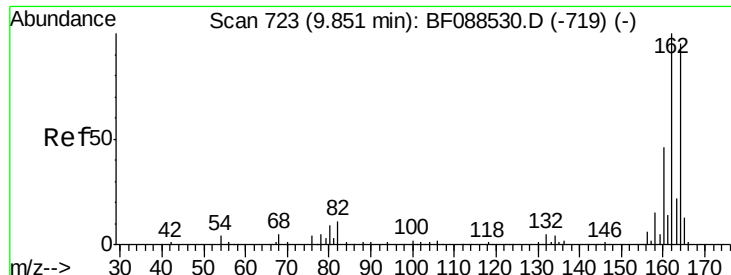
#37
 2-Methylnaphthalene
 Concen: 37.65 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion:142 Resp: 226591
 Ion Ratio Lower Upper
 142 100
 141 90.4 71.0 106.6
 115 41.3 22.6 33.8#



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

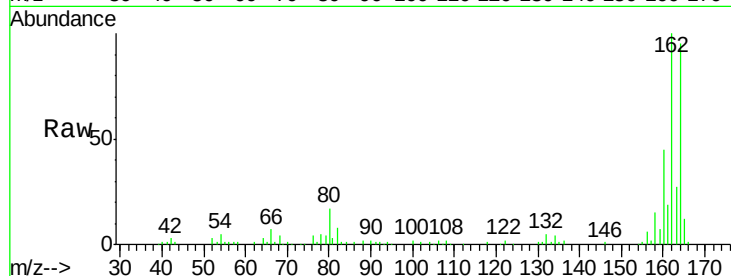




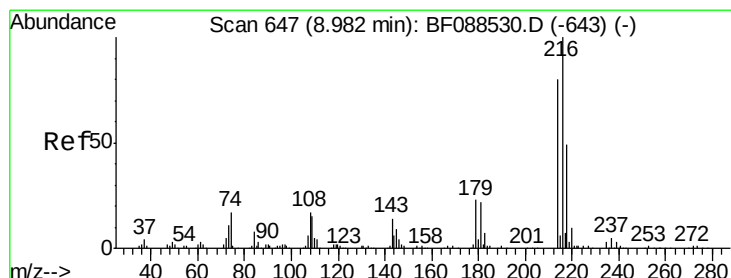
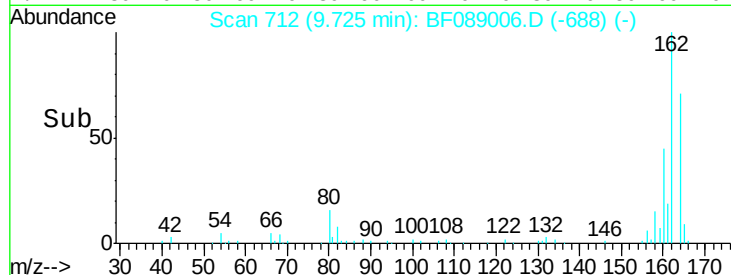
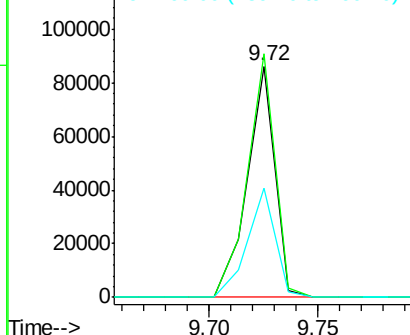
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

Tgt Ion:164 Resp: 75486
Ion Ratio Lower Upper
164 100
162 105.4 85.4 128.2
160 47.3 39.5 59.3

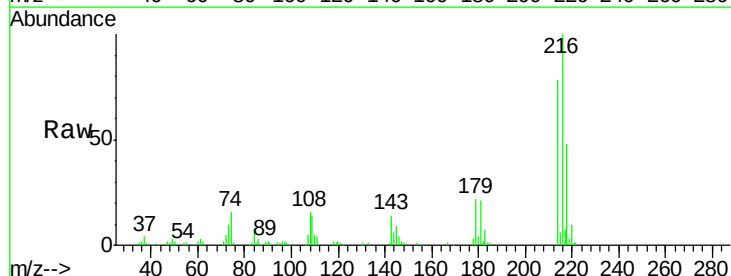


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

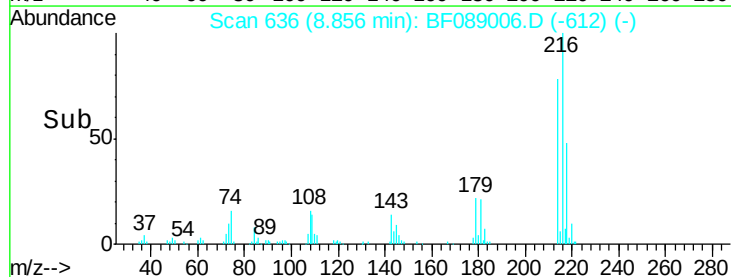
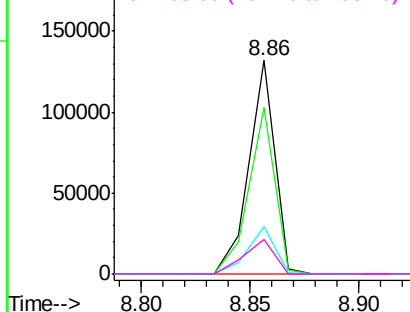


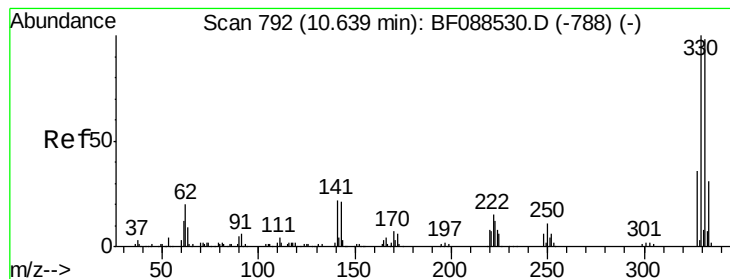
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.56 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion:216 Resp: 109378
Ion Ratio Lower Upper
216 100
214 78.3 2.9 4.3#
179 23.3 0.0 0.0#
108 18.7 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

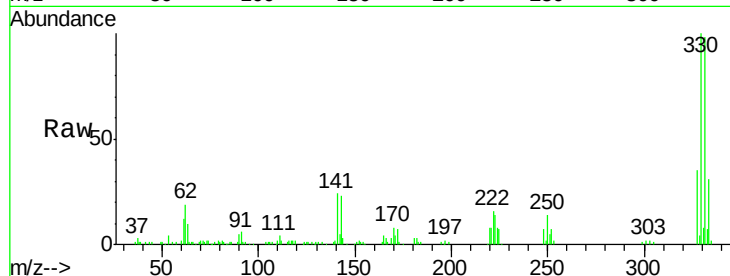




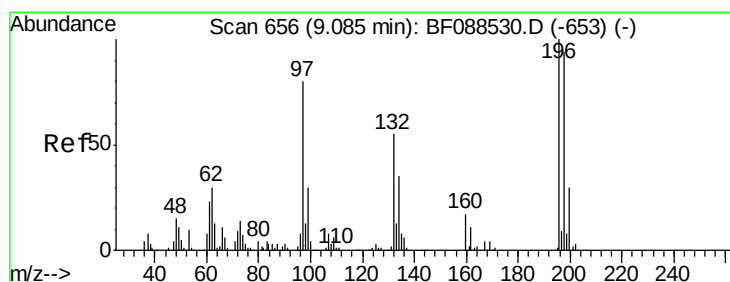
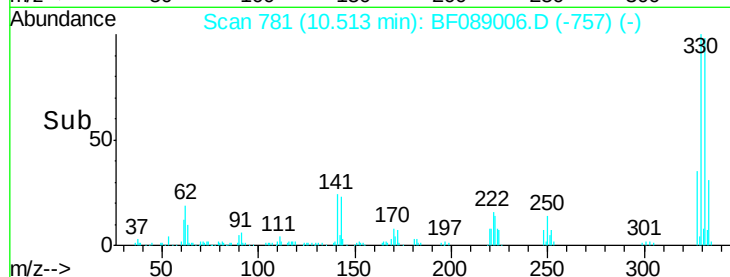
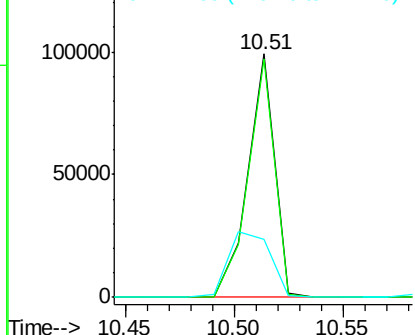
#41
 2,4,6-Tribromophenol
 Concen: 120.39 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion:330 Resp: 84392
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 42.7 0.0 0.0#

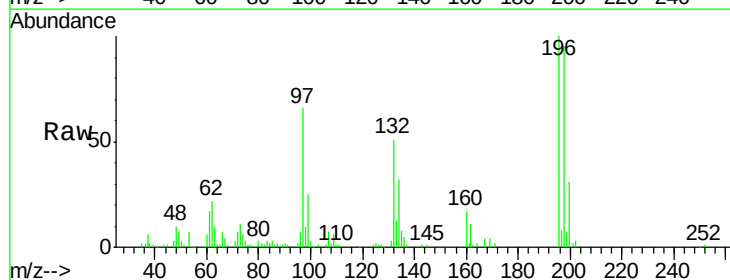


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

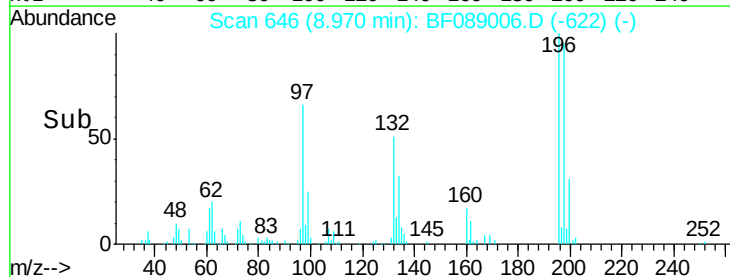
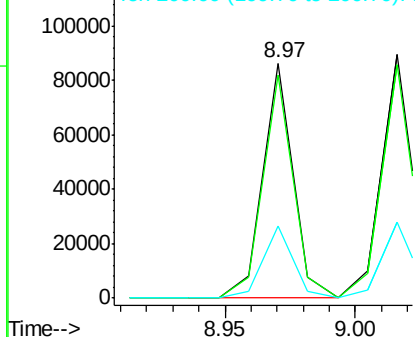


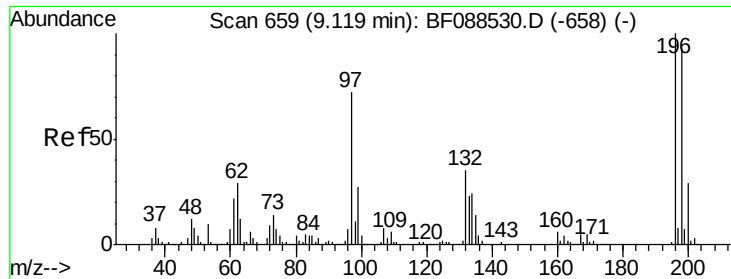
#42
 2,4,6-Trichlorophenol
 Concen: 42.30 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion:196 Resp: 70022
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.0 117.0
 200 30.5 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

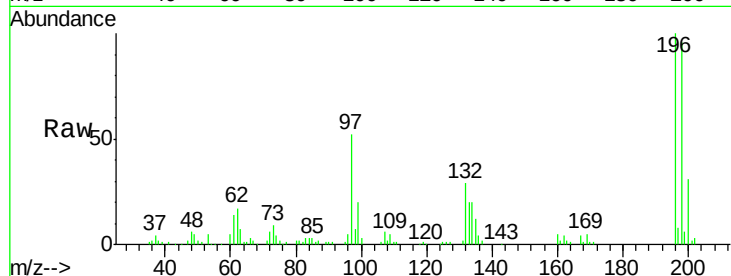




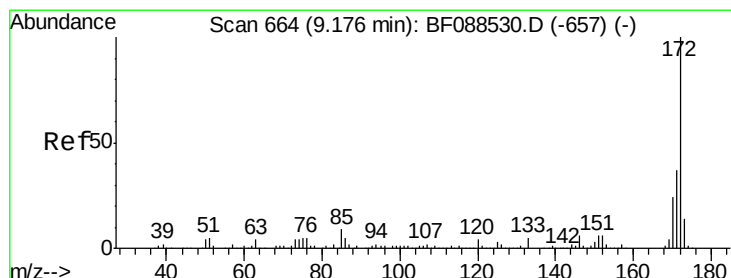
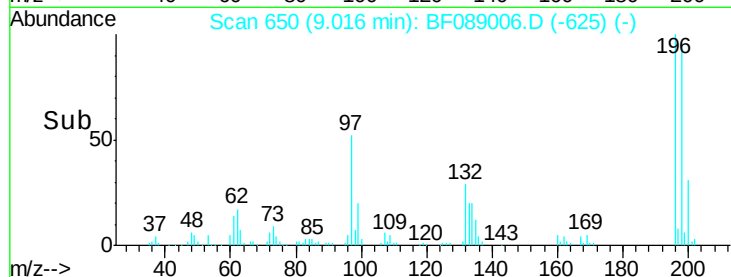
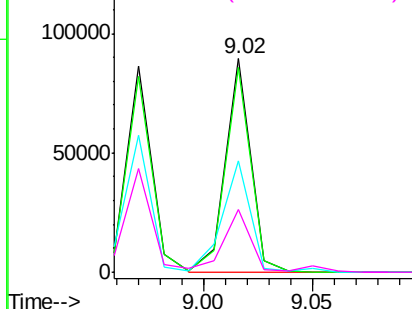
#43
 2,4,5-Trichlorophenol
 Concen: 50.36 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.5	116.3
97	52.3	32.0	48.0
132	29.1	20.9	31.3

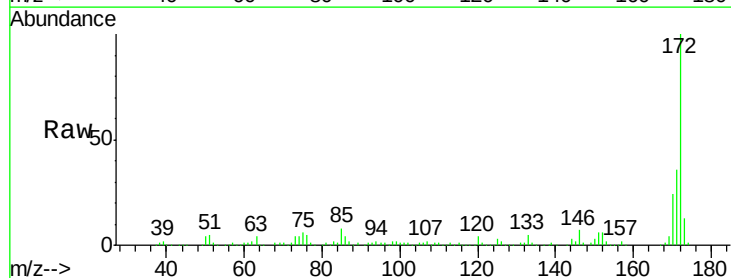


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

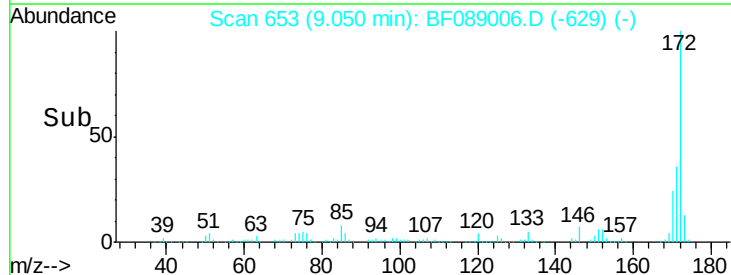
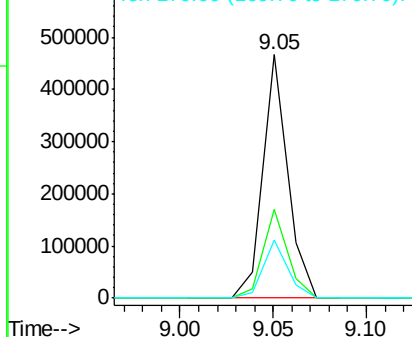


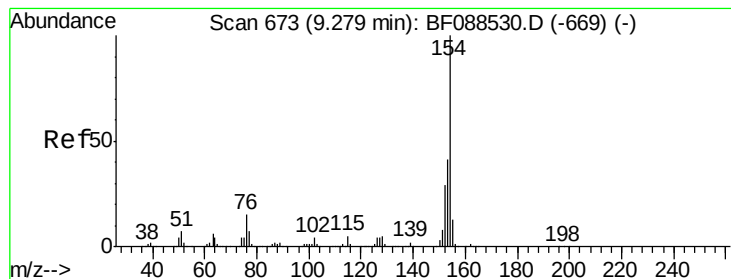
#44
 2-Fluorobiphenyl
 Concen: 89.70 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	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: 49.90 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

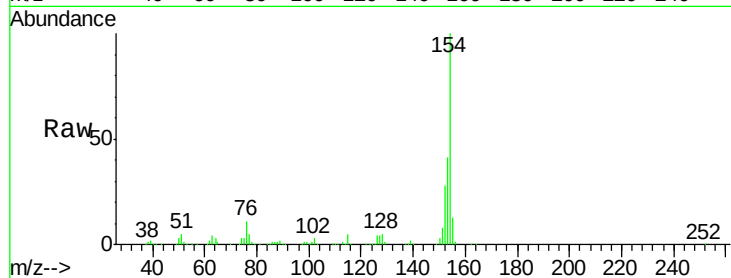
Tgt Ion:154 Resp: 311894

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

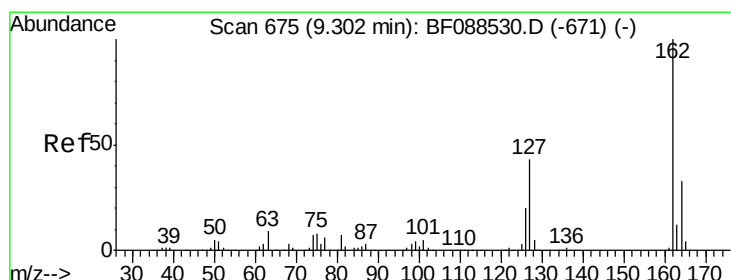
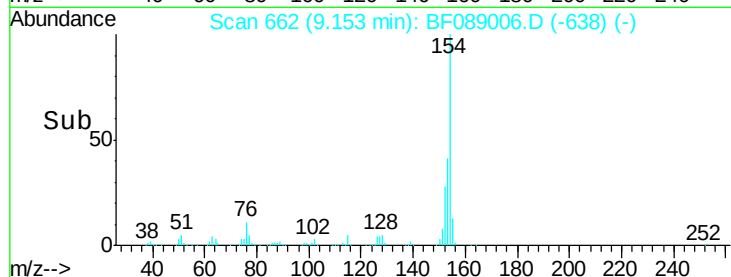
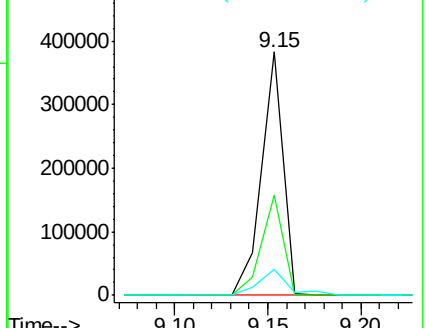
76 10.9 0.0 35.1



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: 47.47 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

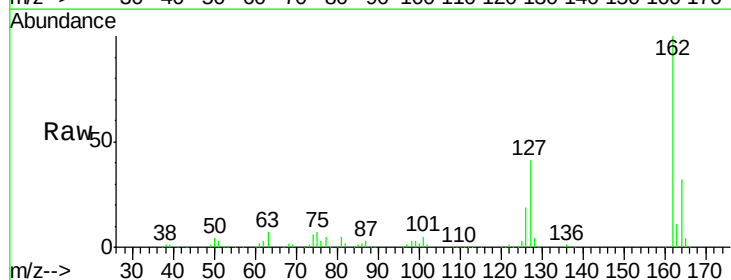
Tgt Ion:162 Resp: 232951

Ion Ratio Lower Upper

162 100

127 41.1 35.2 52.8

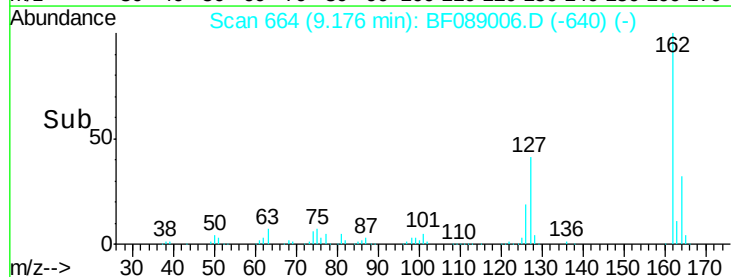
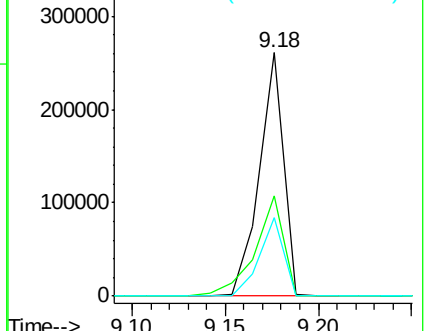
164 32.4 26.6 39.8

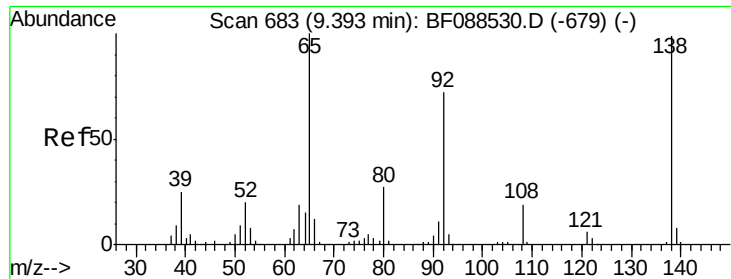


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

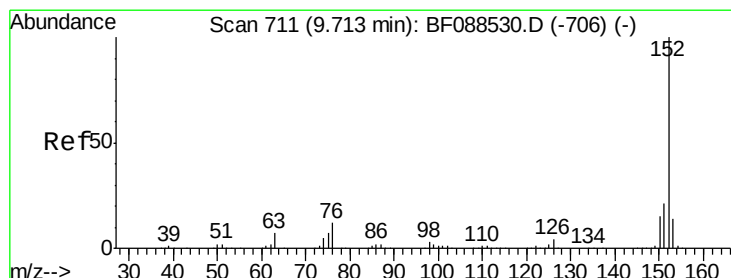
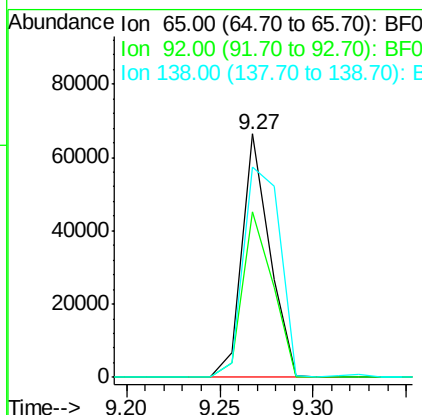
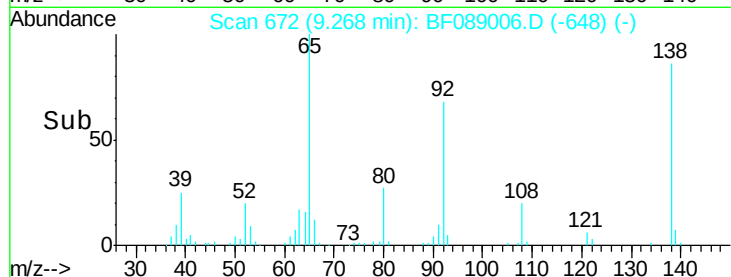
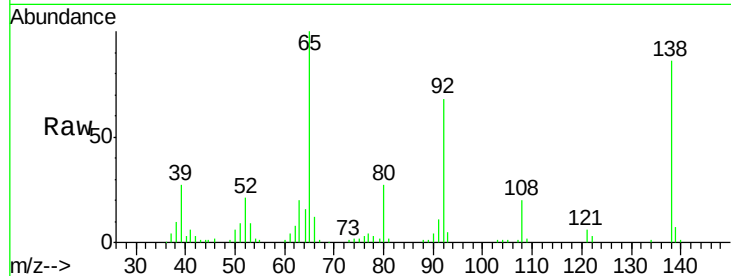




#47
 2-Nitroaniline
 Concen: 39.44 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

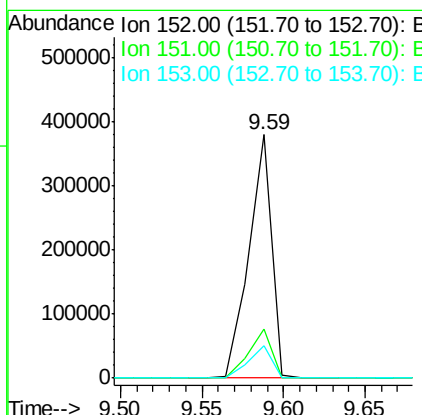
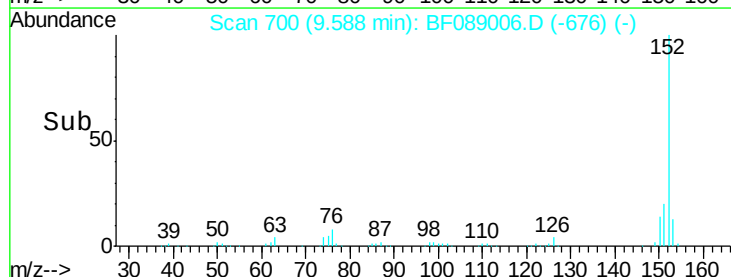
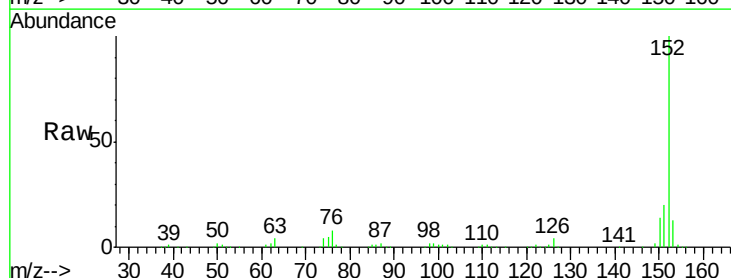
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

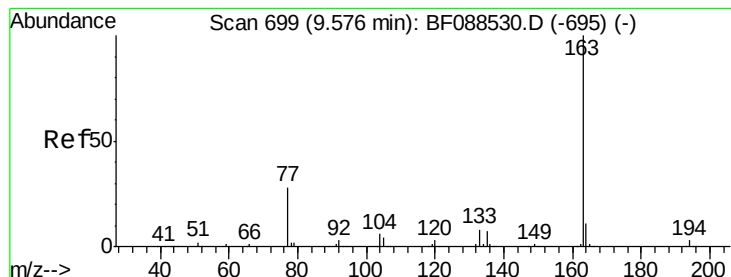
Tgt Ion: 65 Resp: 68688
 Ion Ratio Lower Upper
 65 100
 92 68.2 54.6 82.0
 138 86.5 77.0 115.4



#48
 Acenaphthylene
 Concen: 46.93 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion: 152 Resp: 366388
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 65.30 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

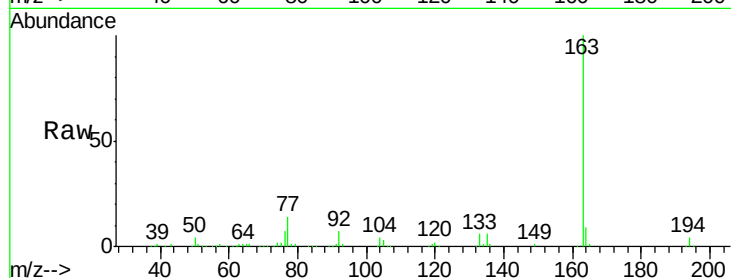
Tgt Ion:163 Resp: 351176

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

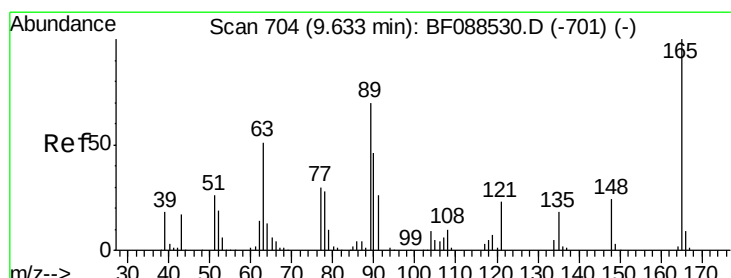
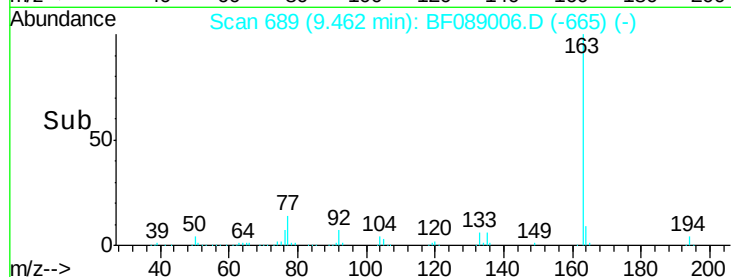
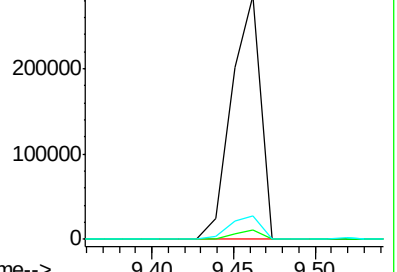
164 9.5 8.3 12.5



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: 41.76 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

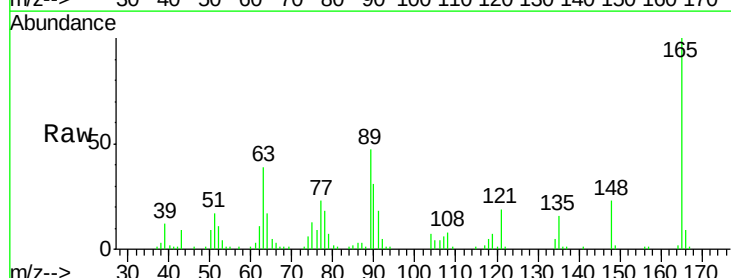
Tgt Ion:165 Resp: 49778

Ion Ratio Lower Upper

165 100

63 39.3 28.1 42.1

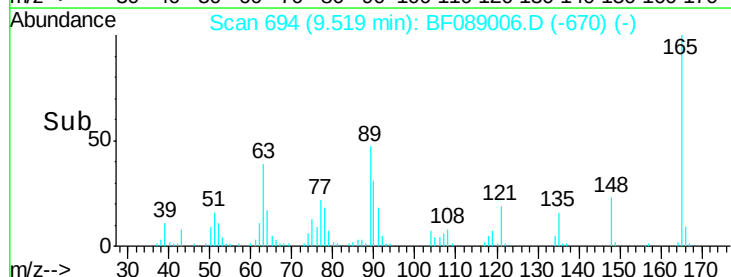
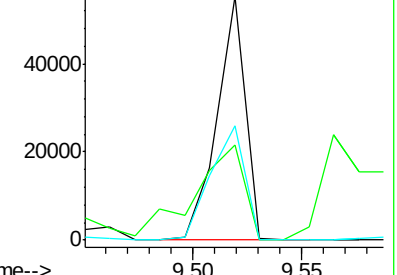
89 46.8 32.2 48.2

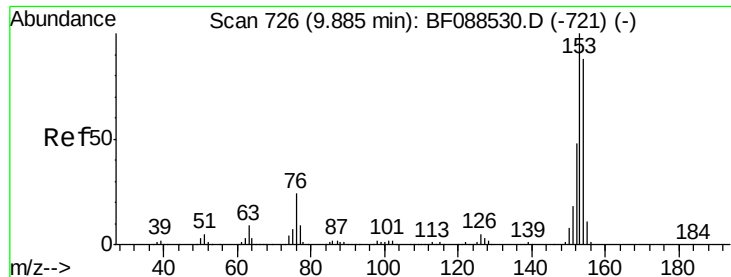


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.32 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

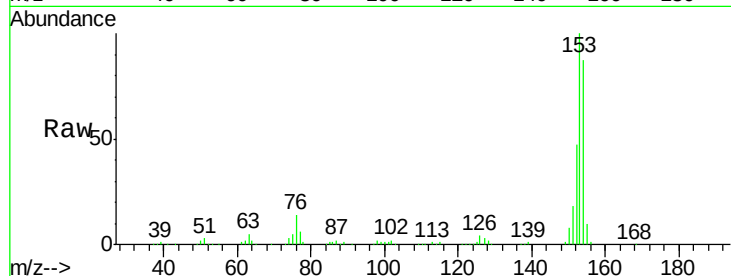
Tgt Ion:154 Resp: 216920

Ion Ratio Lower Upper

154 100

153 114.6 89.5 134.3

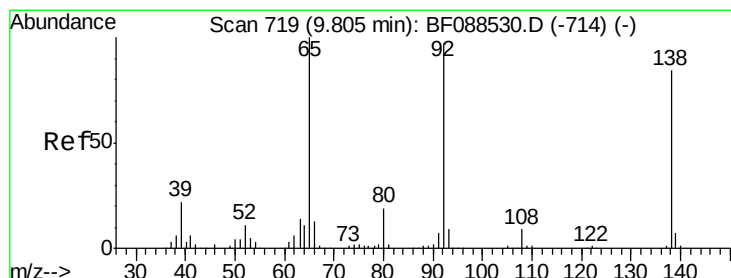
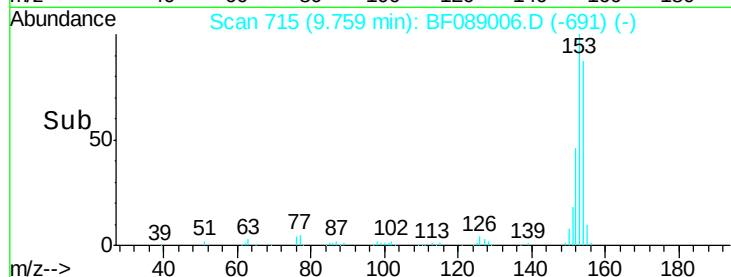
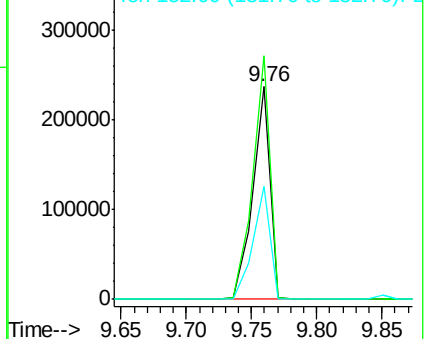
152 53.4 42.7 64.1



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: 33.49 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

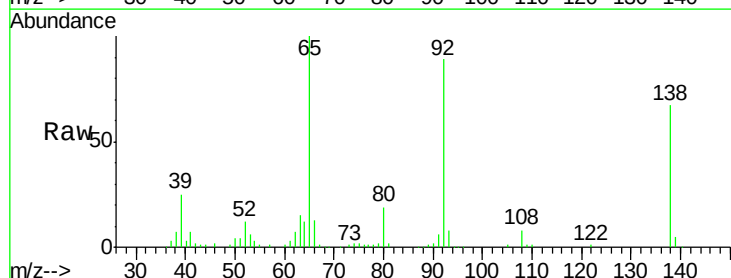
Tgt Ion:138 Resp: 50747

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

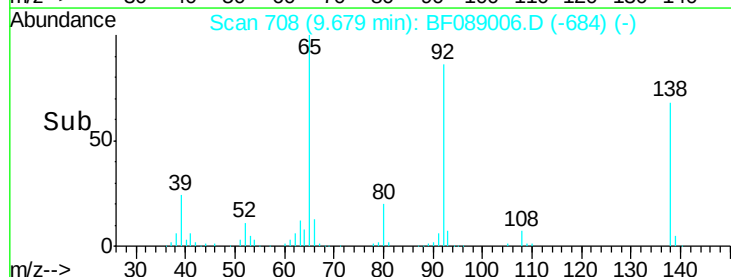
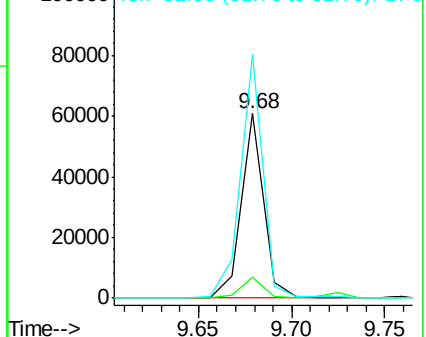
92 131.9 95.7 143.5

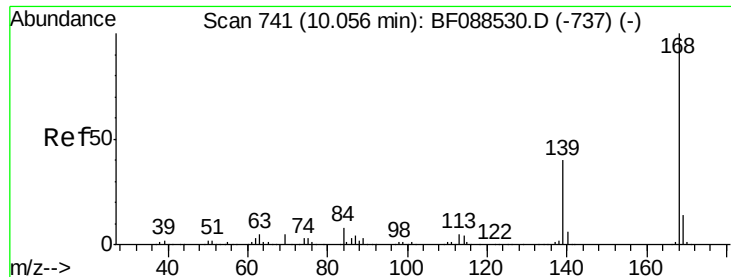


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

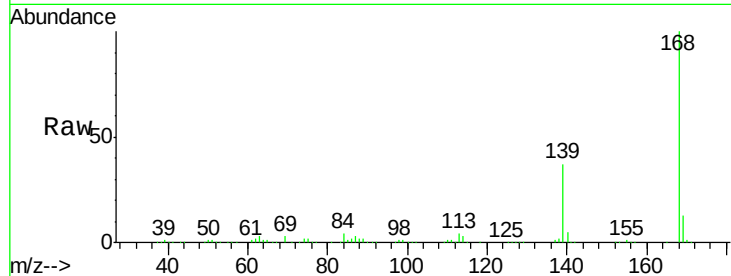




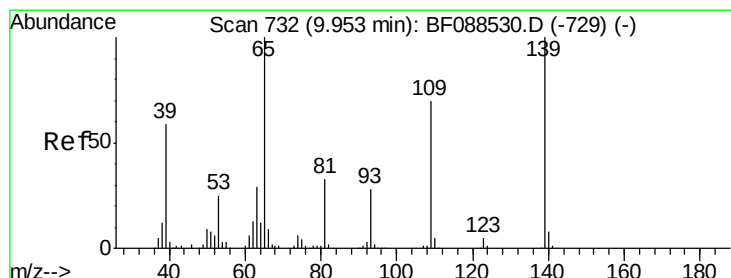
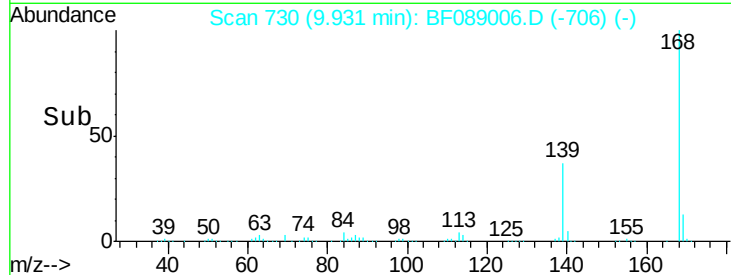
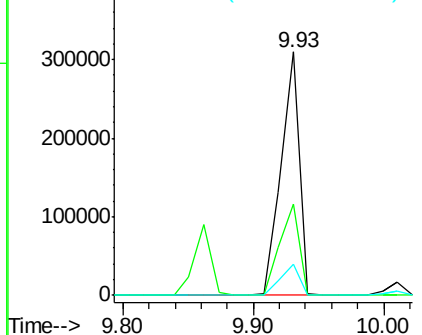
#54
Dibenzofuran
Concen: 48.68 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

Tgt Ion:168 Resp: 304930
Ion Ratio Lower Upper
168 100
139 37.5 26.4 39.6
169 12.8 10.4 15.6

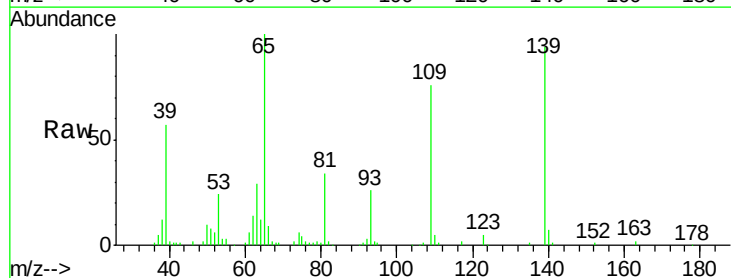


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

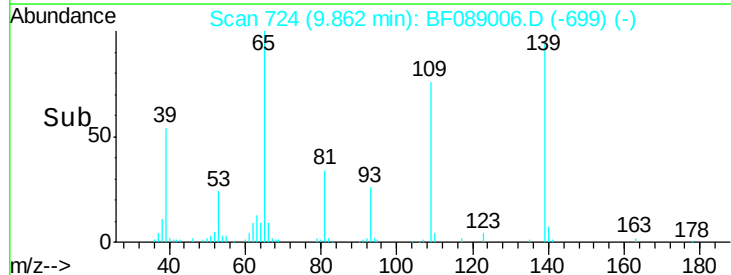
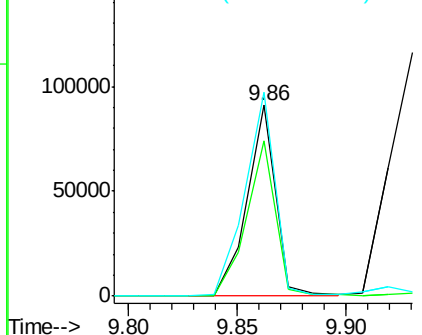


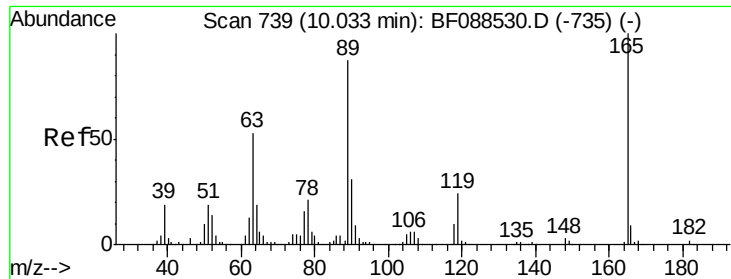
#55
4-Nitrophenol
Concen: 71.69 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion:139 Resp: 82542
Ion Ratio Lower Upper
139 100
109 81.6 48.9 88.9
65 106.8 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: 37.62 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

Tgt Ion:165 Resp: 58629

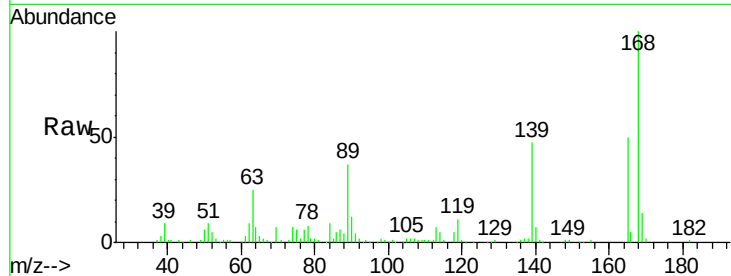
Ion Ratio Lower Upper

165 100

63 49.9 22.0 33.0#

89 73.9 41.1 61.7#

182 2.3 2.0 3.0

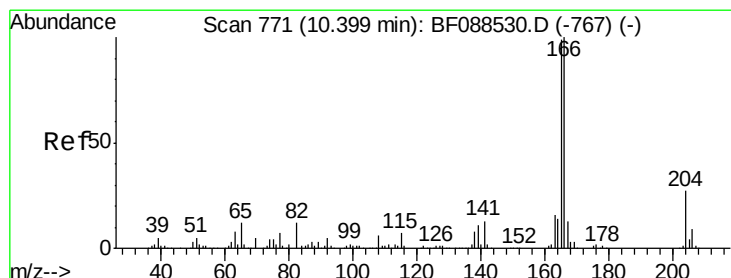
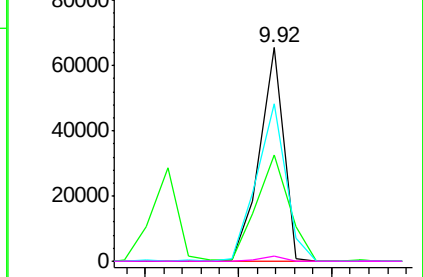
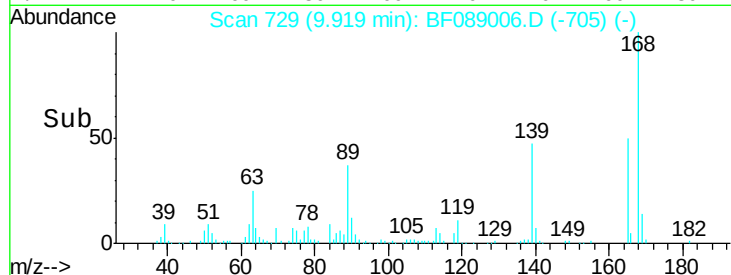


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.15 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

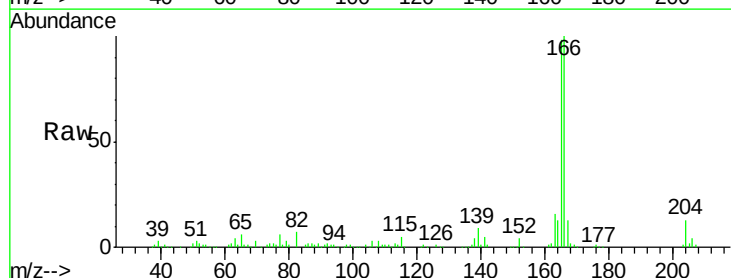
Tgt Ion:166 Resp: 227636

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

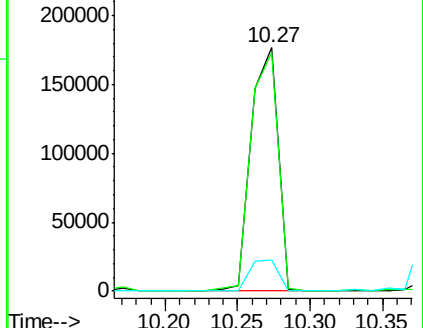
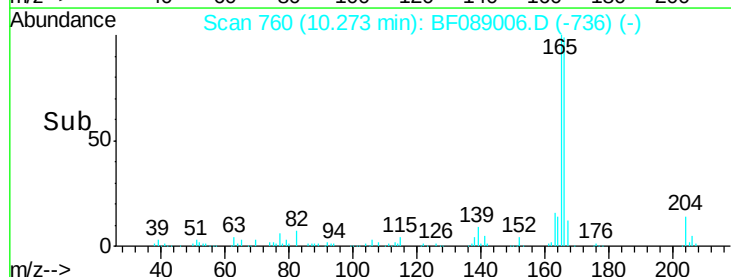
167 12.7 11.2 16.8

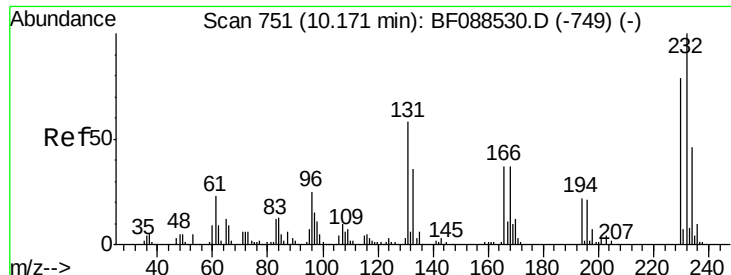


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

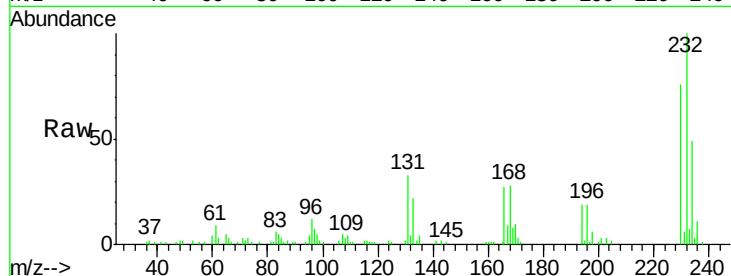




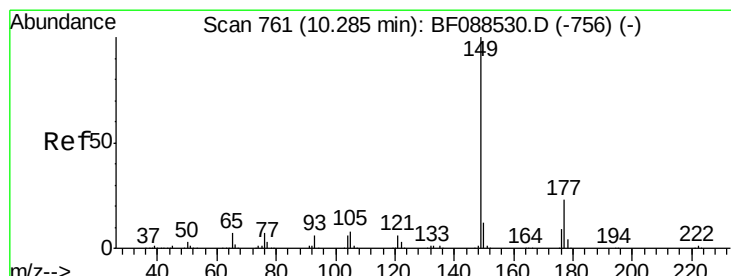
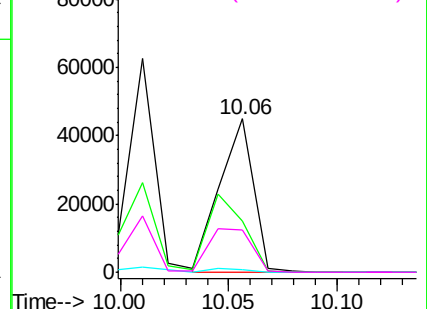
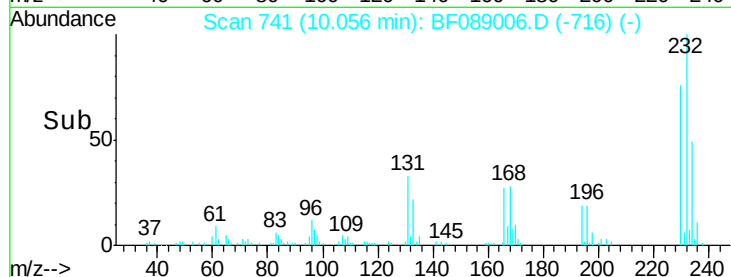
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.95 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion: 232 Resp: 48427
 Ion Ratio Lower Upper
 232 100
 131 54.4 0.9 1.3#
 130 3.0 1.5 2.3#
 166 36.1 0.5 0.7#

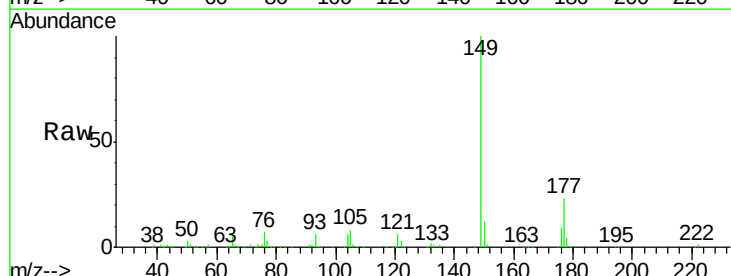


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

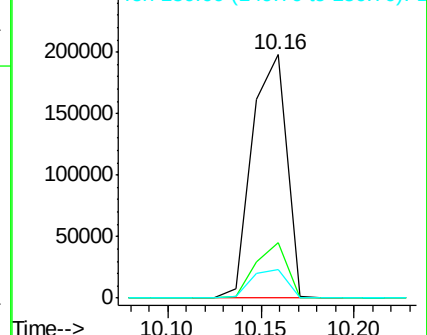
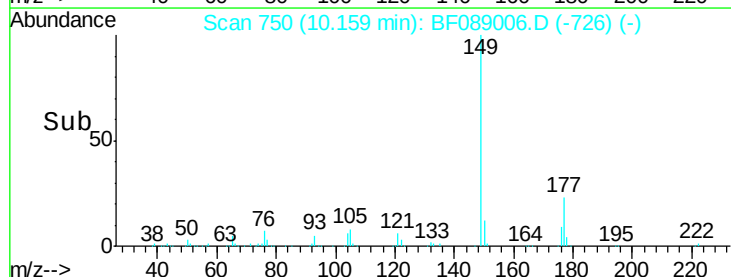


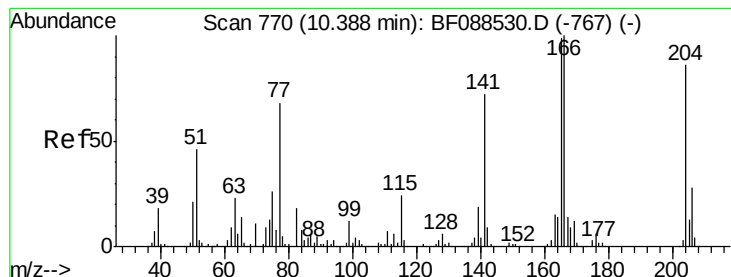
#59
 Diethylphthalate
 Concen: 46.68 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion: 149 Resp: 251929
 Ion Ratio Lower Upper
 149 100
 177 22.9 16.9 25.3
 150 11.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 41.85 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

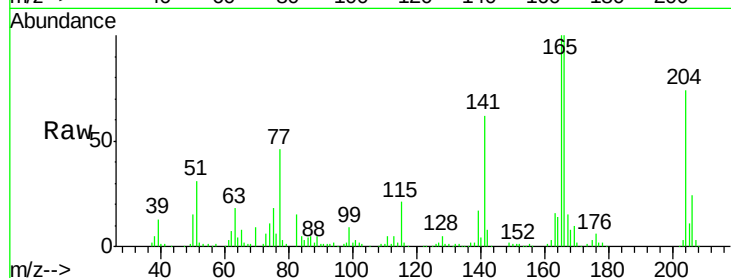
Tgt Ion:204 Resp: 93875

Ion Ratio Lower Upper

204 100

206 31.8 26.3 39.5

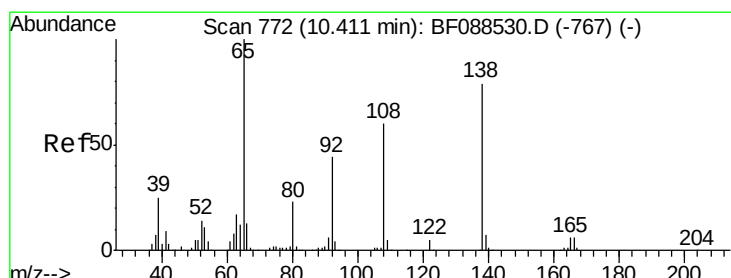
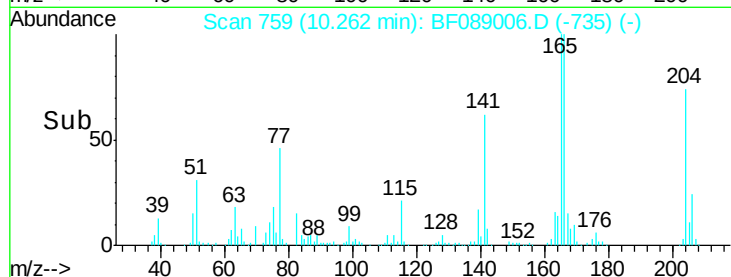
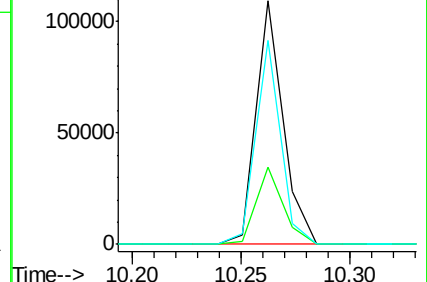
141 84.0 55.0 82.6#



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: 38.67 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

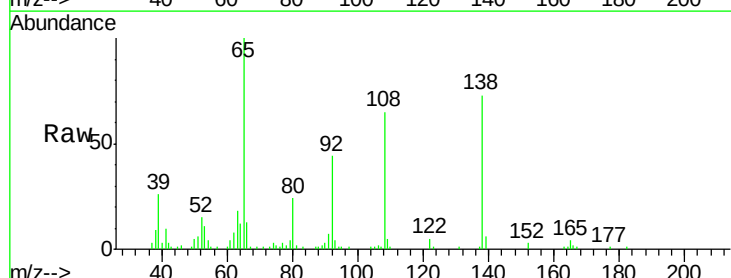
Tgt Ion:138 Resp: 56383

Ion Ratio Lower Upper

138 100

92 60.3 27.3 67.3

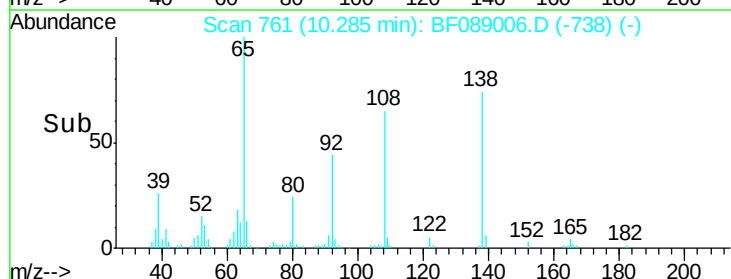
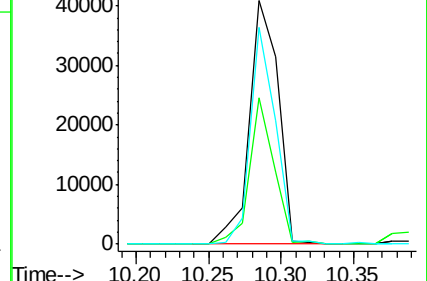
108 88.8 46.7 86.7#

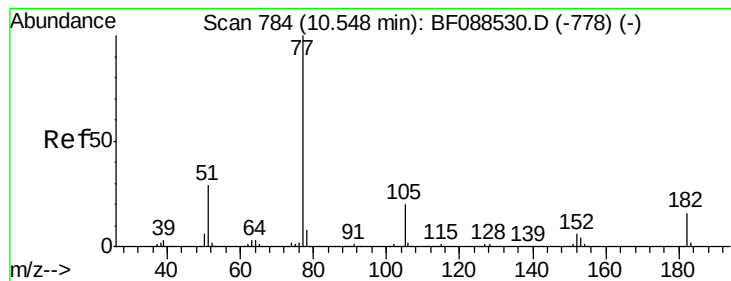


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.77 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

Tgt Ion: 77 Resp: 269465

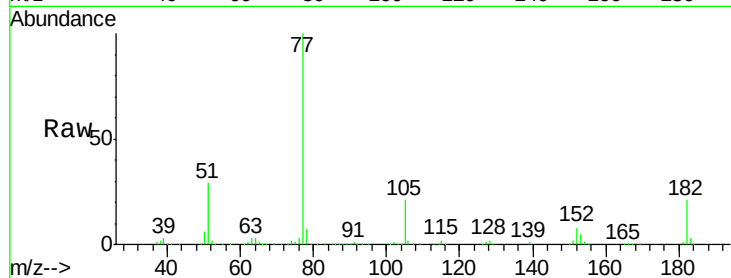
Ion Ratio Lower Upper

77 100

182 20.6 4.4 44.4

105 21.1 3.8 43.8

51 28.9 9.3 49.3

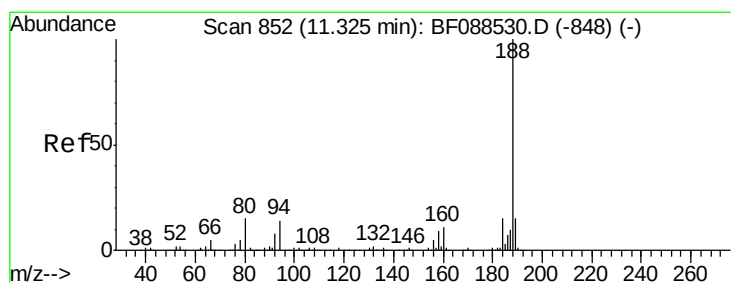
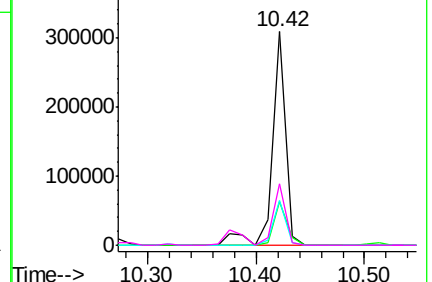
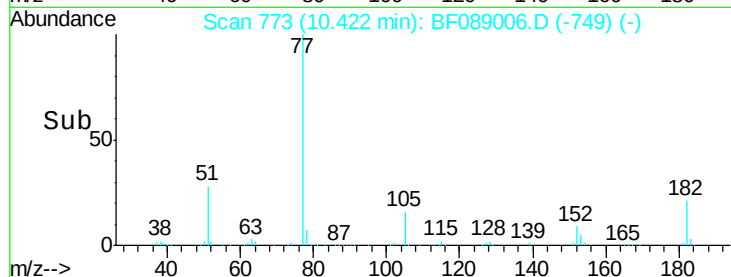


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

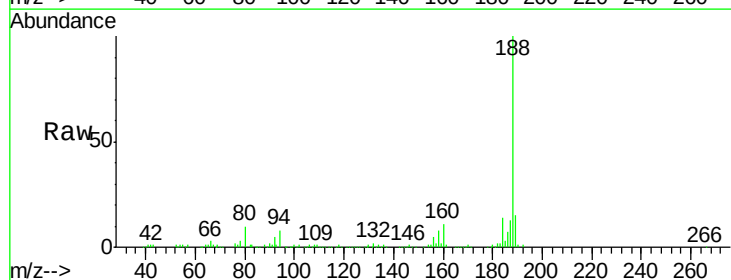
Tgt Ion: 188 Resp: 136095

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.6#

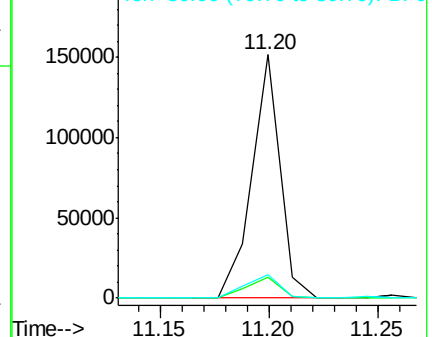
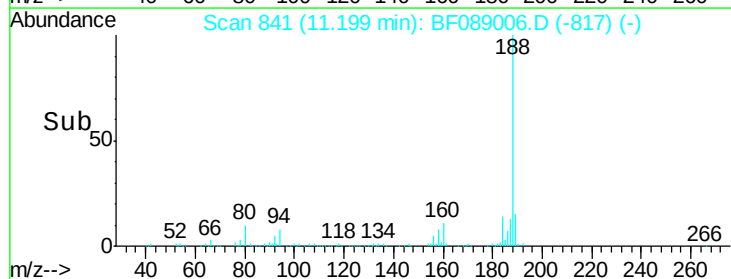
80 9.6 10.0 15.0#

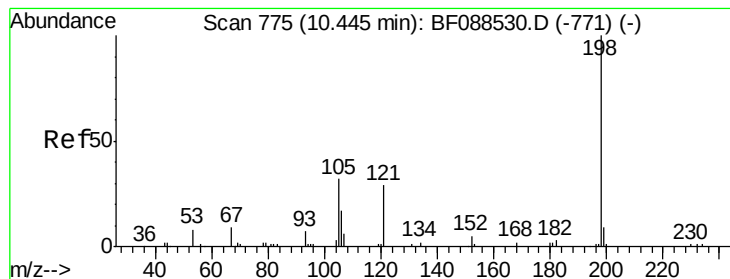


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.36 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

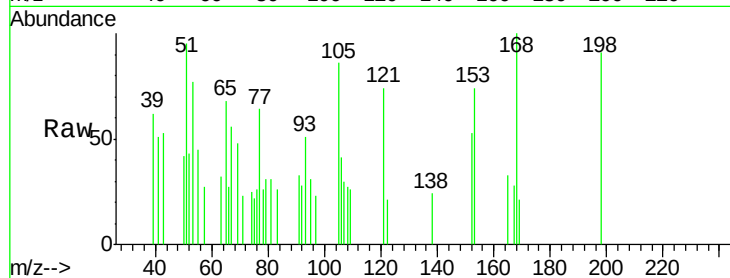
Tgt Ion:198 Resp: 1715

Ion Ratio Lower Upper

198 100

51 104.1 39.6 79.6#

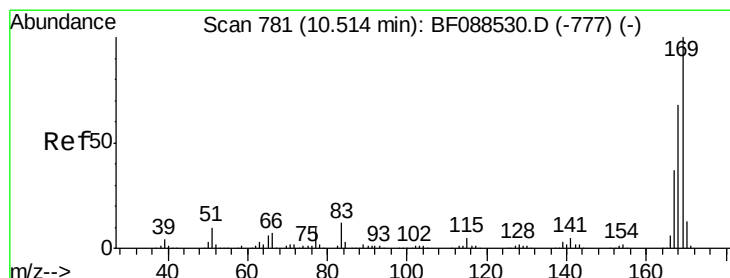
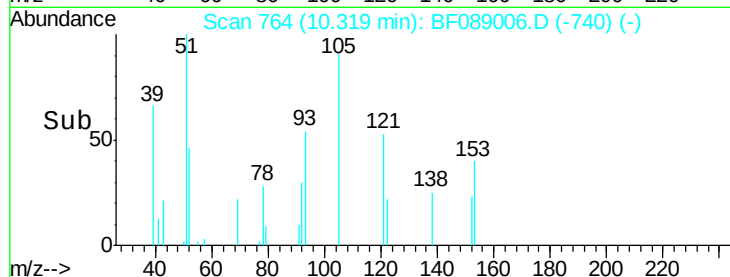
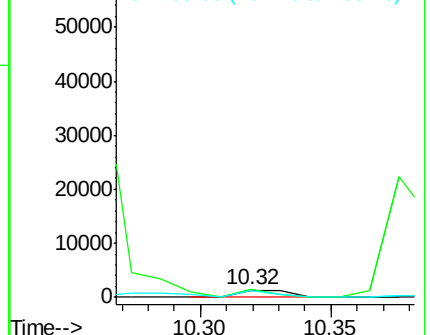
105 94.7 36.6 76.6#



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: 44.55 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

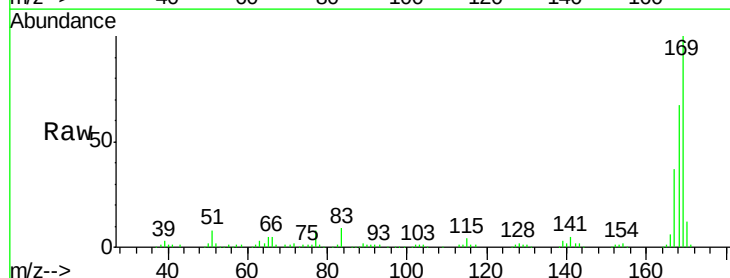
Tgt Ion:169 Resp: 205192

Ion Ratio Lower Upper

169 100

168 67.3 53.4 80.0

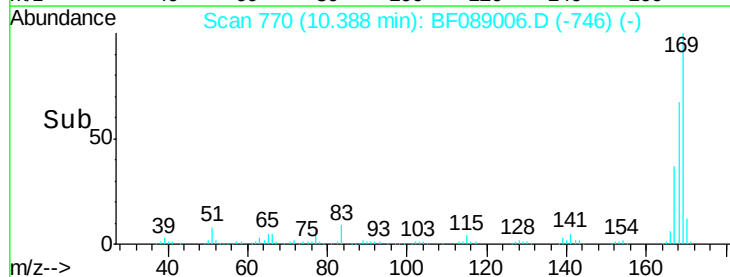
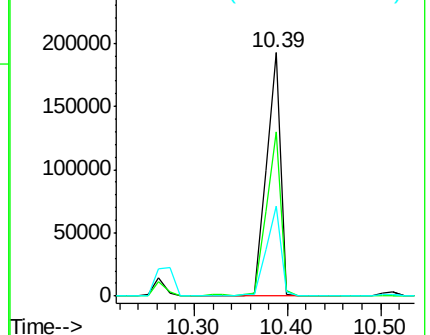
167 37.0 29.4 44.0

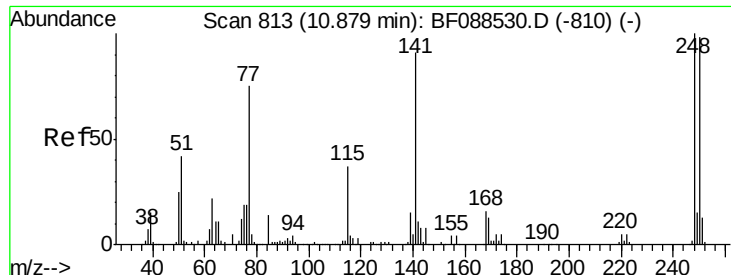


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

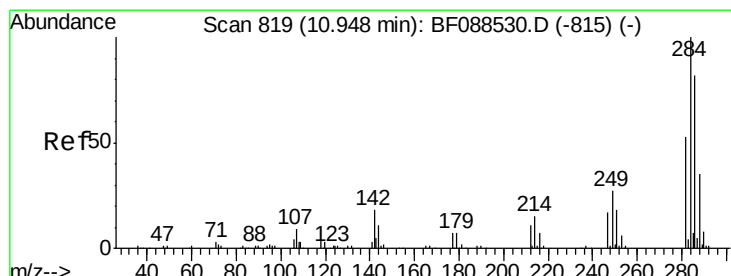
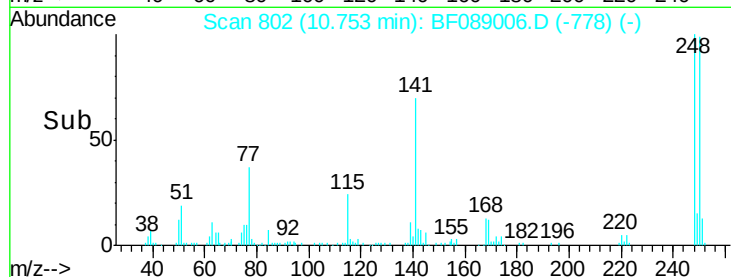
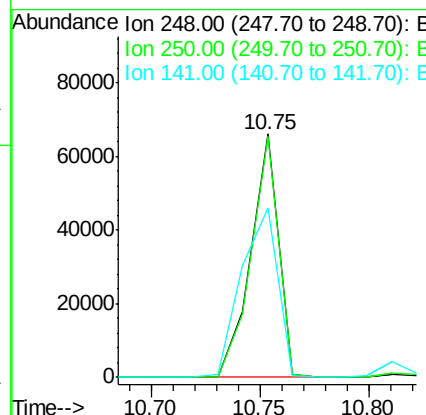
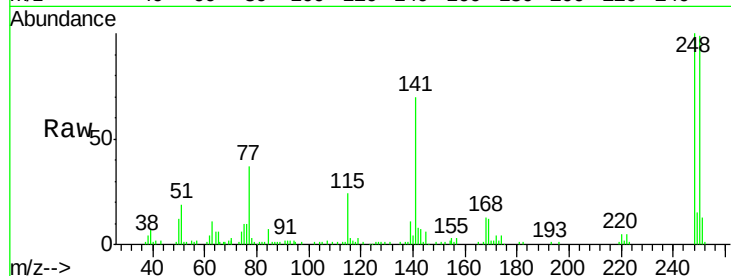




#66
4-Bromophenyl-phenylether
Concen: 42.36 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

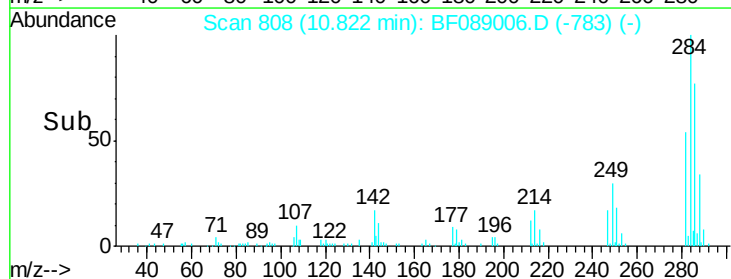
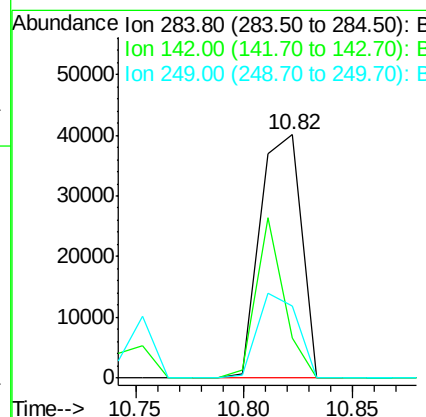
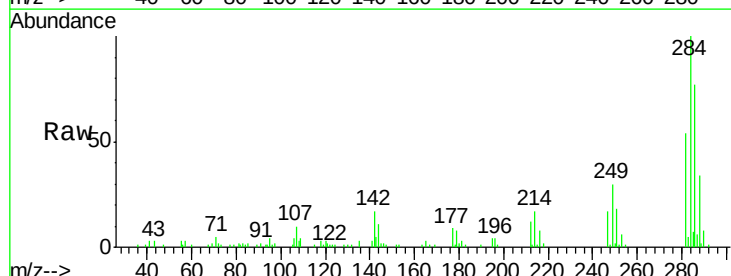
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

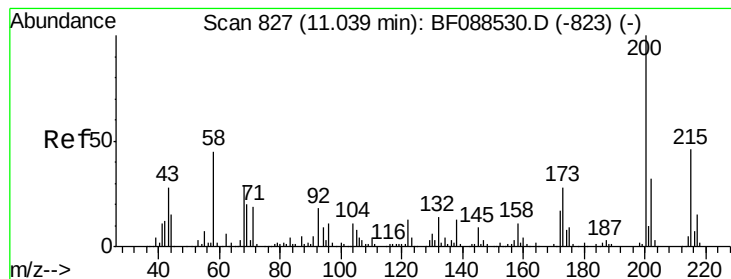
Tgt Ion:248 Resp: 58100
Ion Ratio Lower Upper
248 100
250 99.1 77.1 115.7
141 69.8 50.6 76.0



#67
Hexachlorobenzene
Concen: 35.09 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion:284 Resp: 53267
Ion Ratio Lower Upper
284 100
142 16.7 35.8 53.8#
249 29.8 25.8 38.6





#68

Atrazine

Concen: 34.99 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

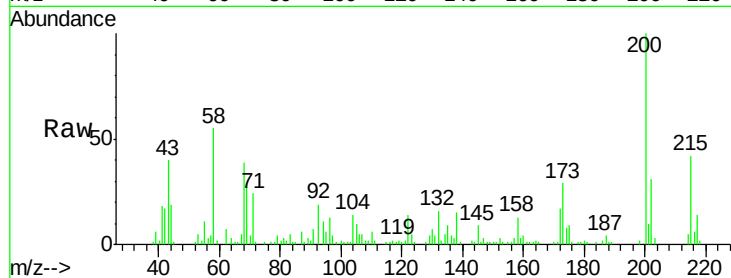
Tgt Ion:200 Resp: 50214

Ion Ratio Lower Upper

200 100

173 29.0 4.0 44.0

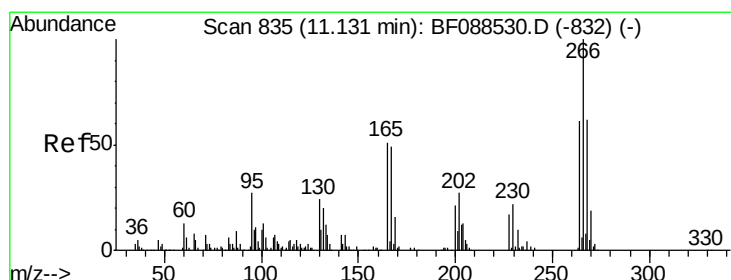
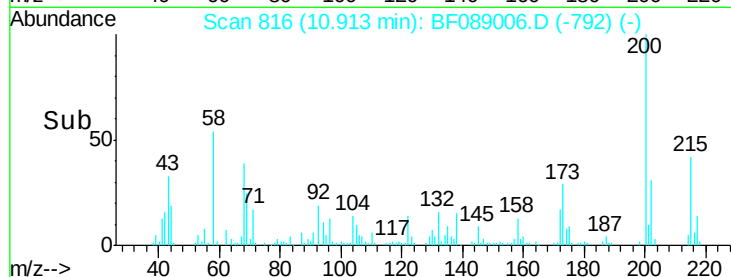
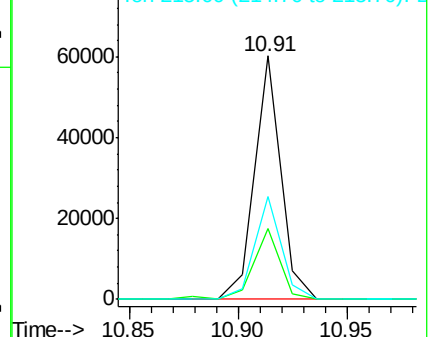
215 42.4 29.3 69.3



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: 67.55 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

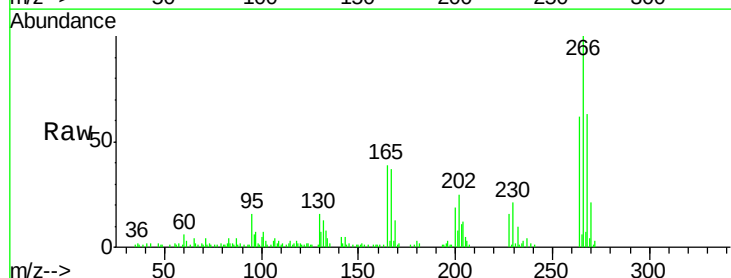
Tgt Ion:266 Resp: 60691

Ion Ratio Lower Upper

266 100

268 63.5 52.8 79.2

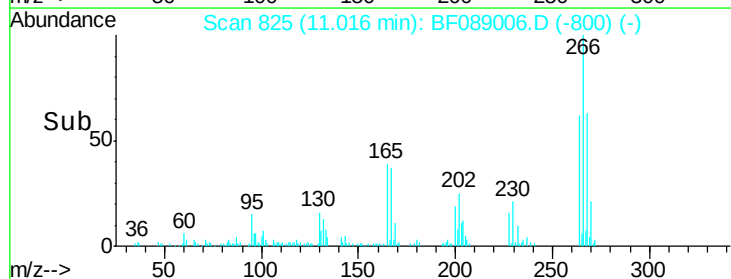
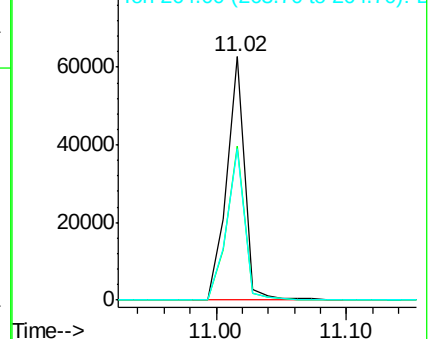
264 62.1 49.6 74.4

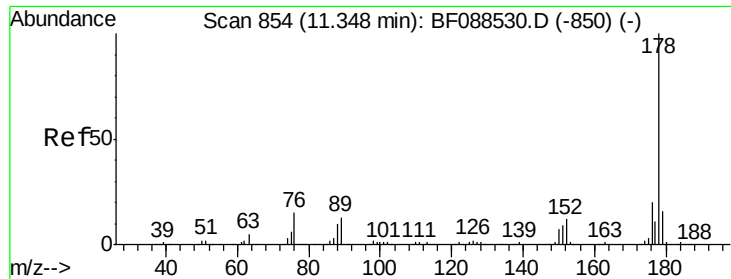


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

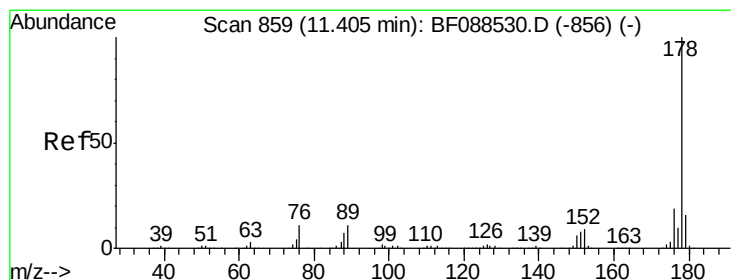
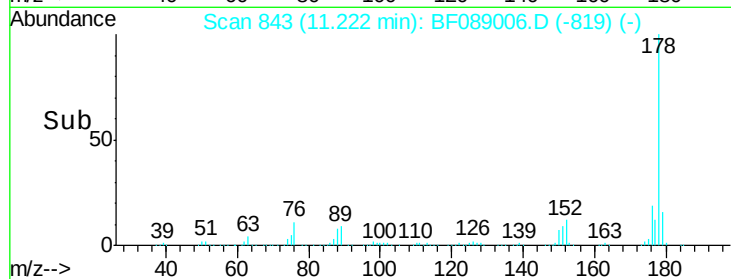
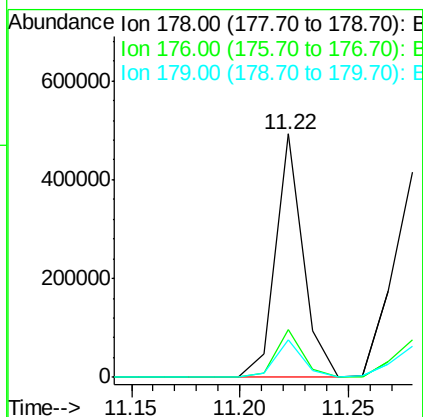
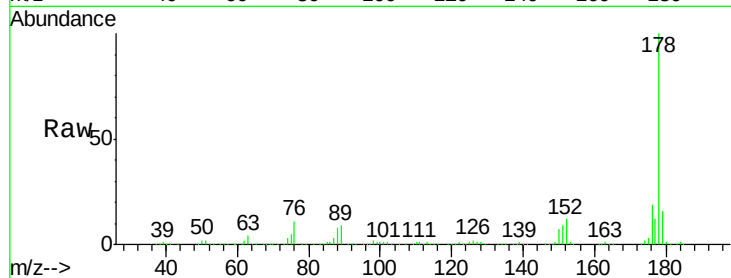




#70
Phenanthrene
Concen: 58.67 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

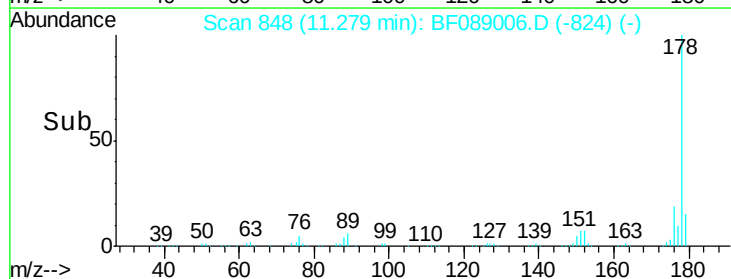
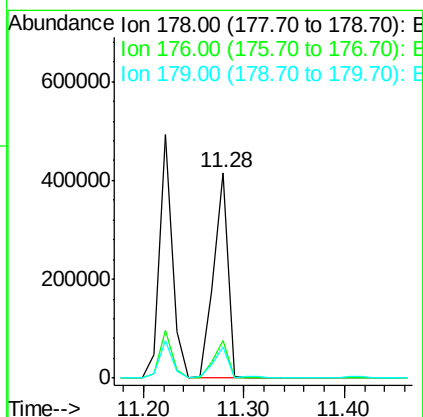
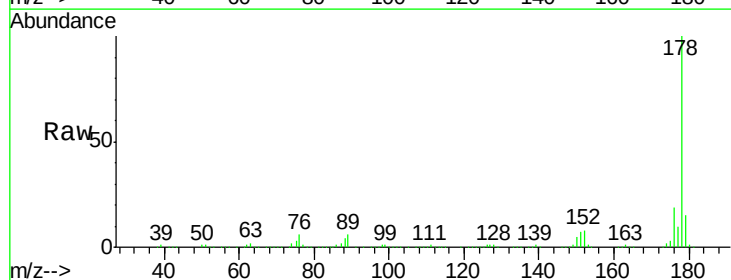
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

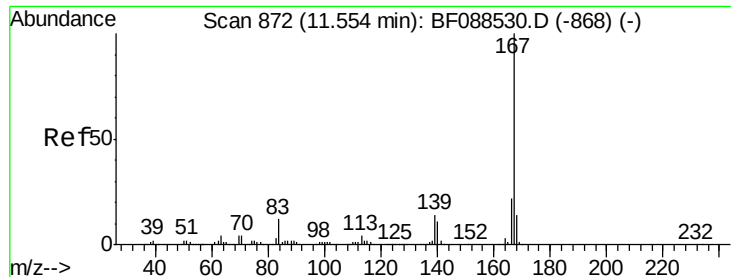
Tgt Ion:178 Resp: 436466
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.7 13.0 19.4



#71
Anthracene
Concen: 55.78 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF089006.D
Acq: 15 Jul 2016 1:21

Tgt Ion:178 Resp: 412605
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 14.9 12.8 19.2





#72

Carbazole

Concen: 42.51 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

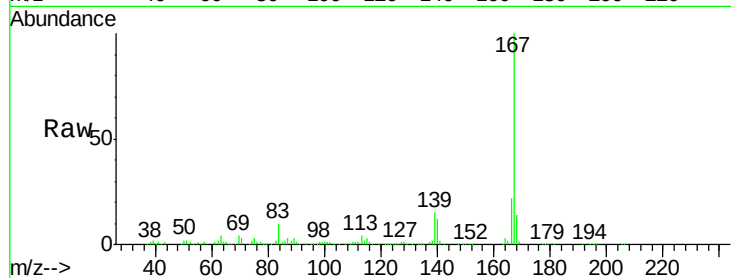
Tgt Ion:167 Resp: 295941

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

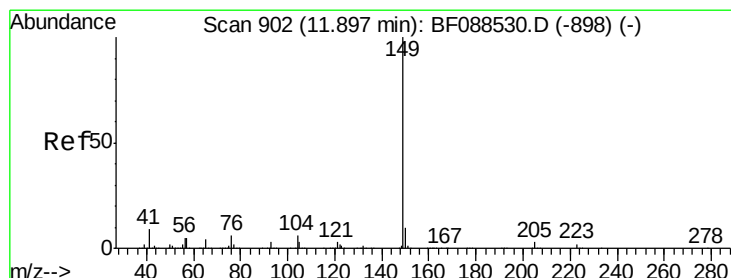
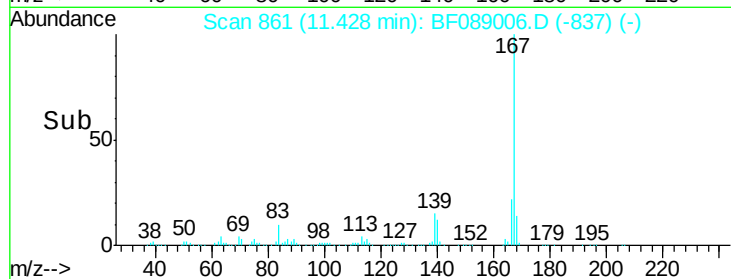
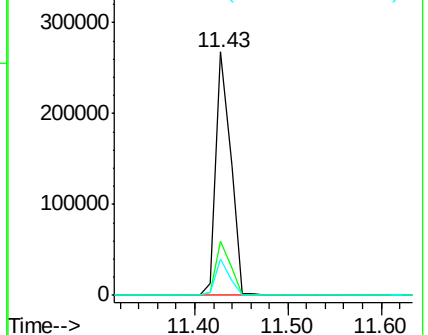
139 15.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.32 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

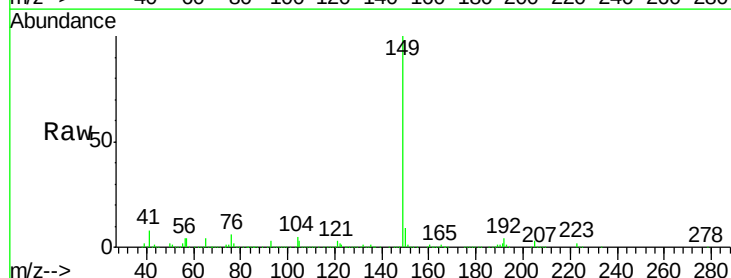
Tgt Ion:149 Resp: 383193

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

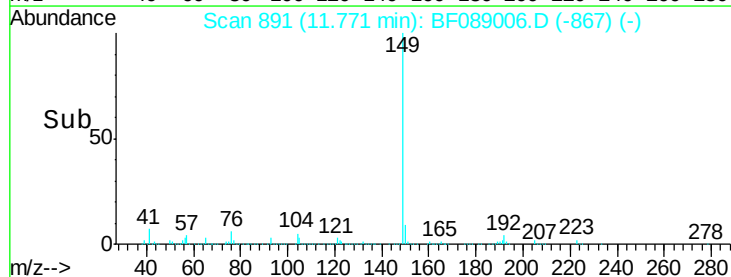
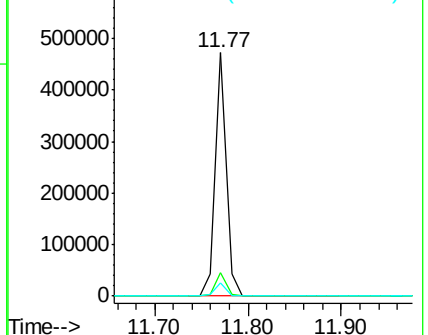
104 5.5 4.0 6.0

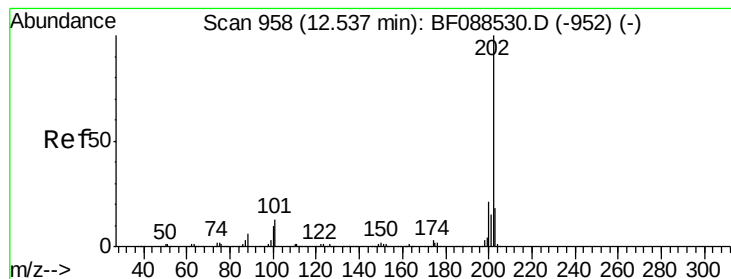


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 101.02 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

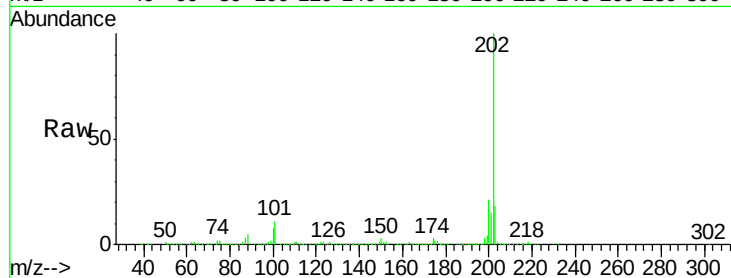
Tgt Ion:202 Resp: 761894

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.1

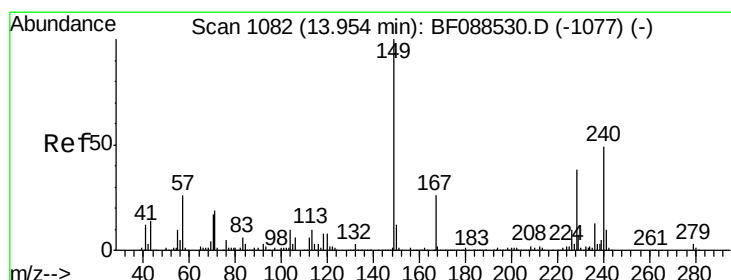
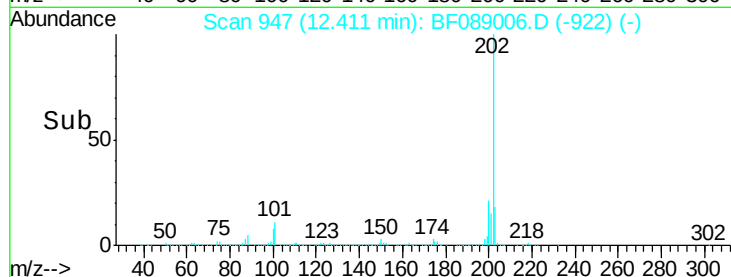
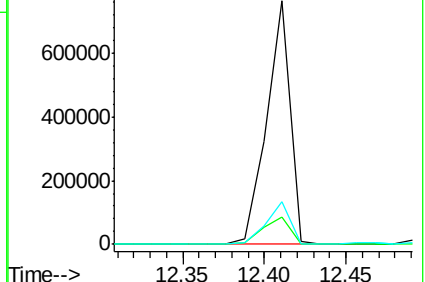
203 17.7 0.0 38.1



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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

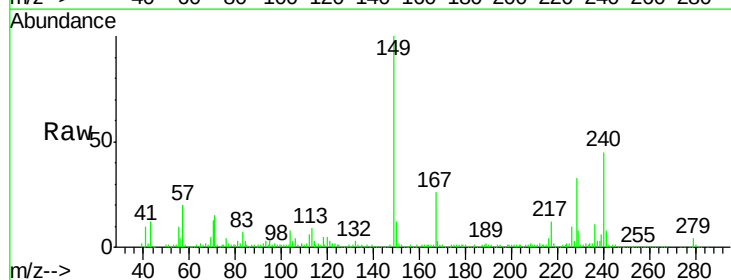
Tgt Ion:240 Resp: 94452

Ion Ratio Lower Upper

240 100

120 11.3 6.8 10.2#

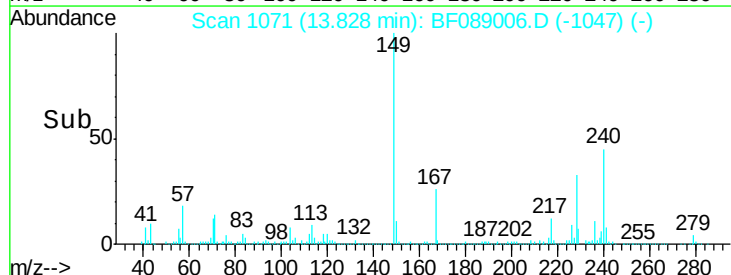
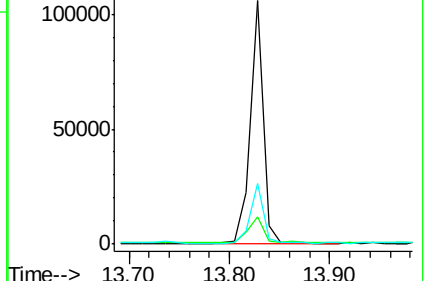
236 24.7 20.2 30.2

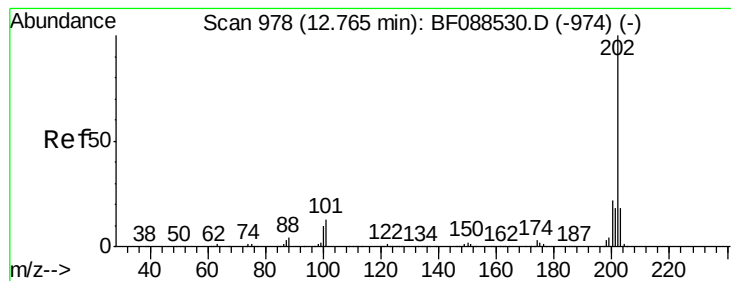


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 92.02 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

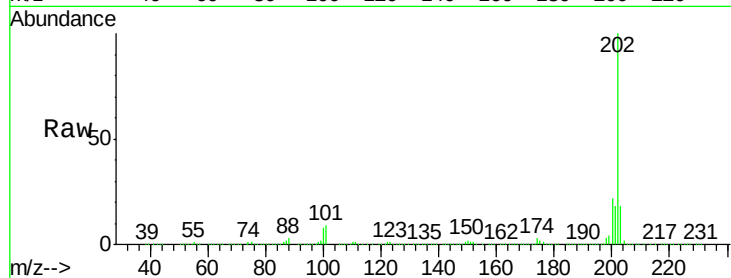
Tgt Ion:202 Resp: 736929

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

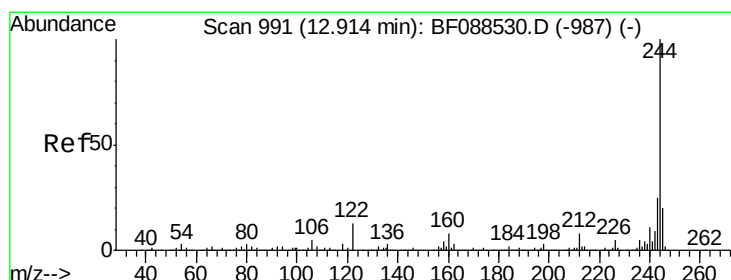
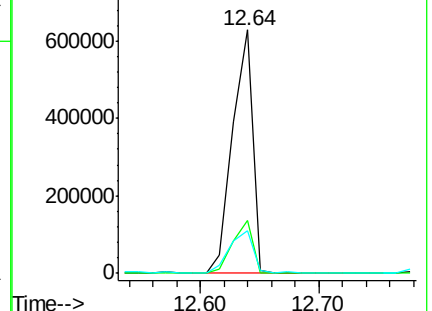
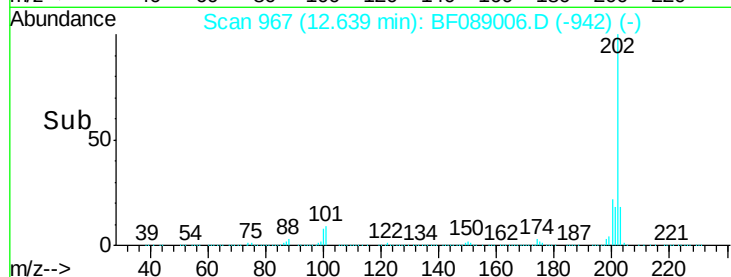
203 17.7 14.5 21.7



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: 78.68 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

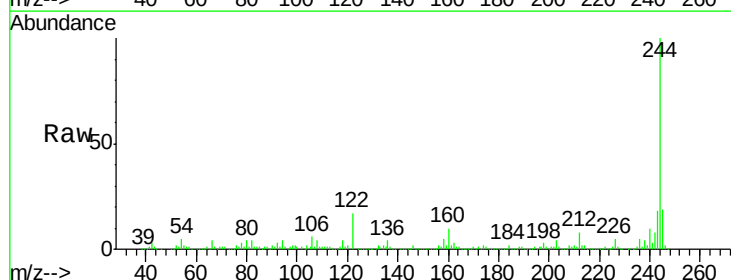
Tgt Ion:244 Resp: 333641

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

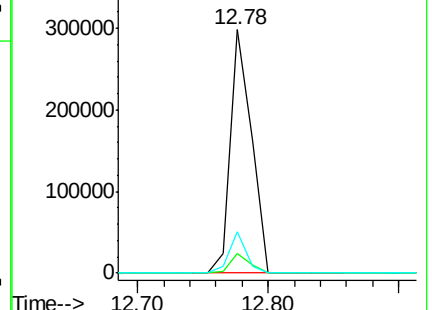
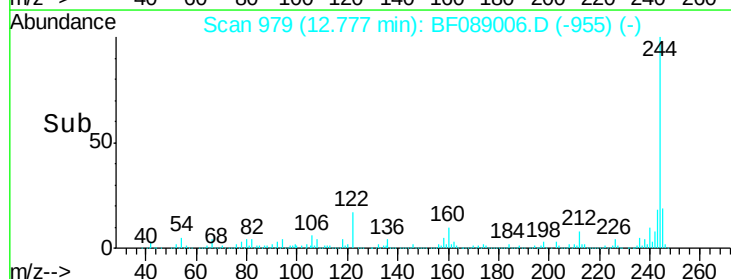
122 17.2 11.2 16.8#

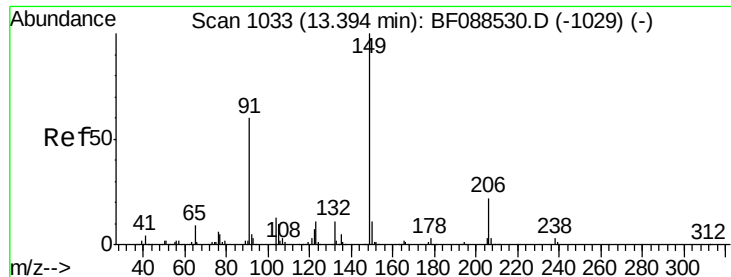


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.55 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

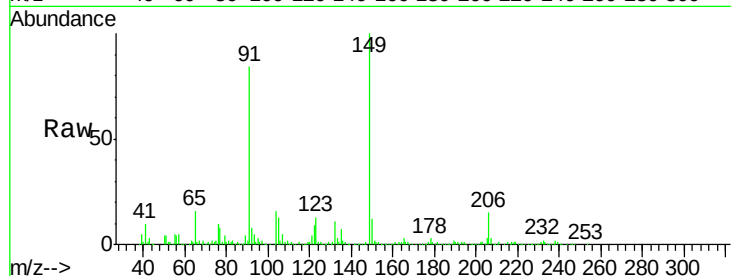
Tgt Ion:149 Resp: 162723

Ion Ratio Lower Upper

149 100

91 83.7 48.0 72.0#

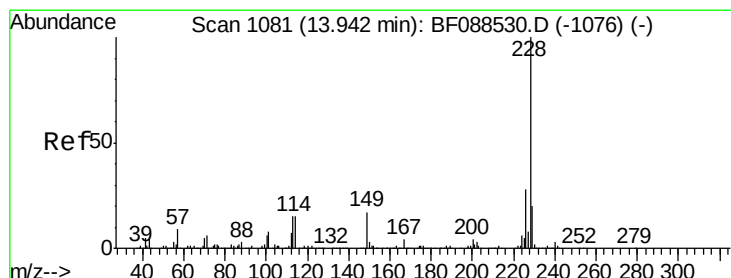
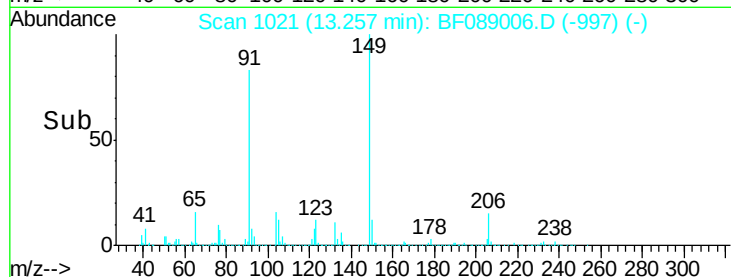
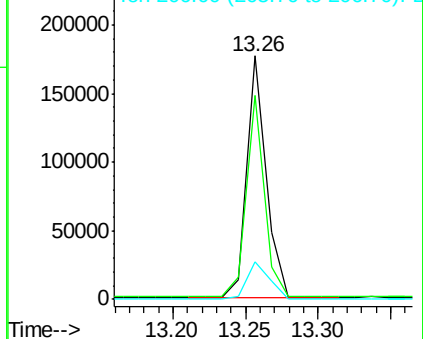
206 15.3 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 70.55 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

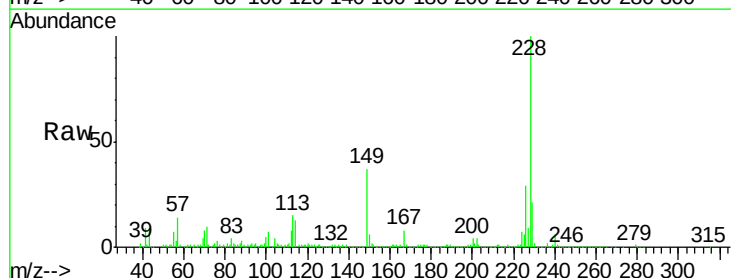
Tgt Ion:228 Resp: 429101

Ion Ratio Lower Upper

228 100

226 28.9 22.3 33.5

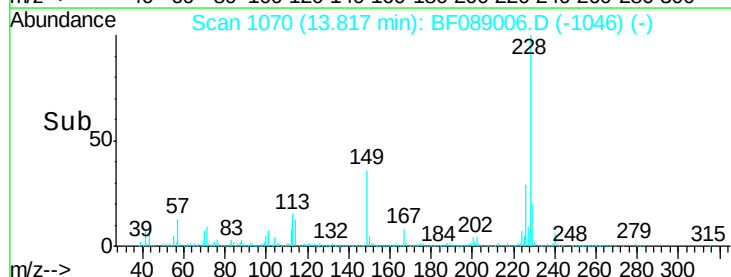
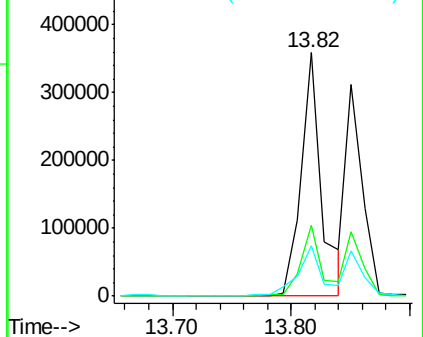
229 20.7 16.0 24.0

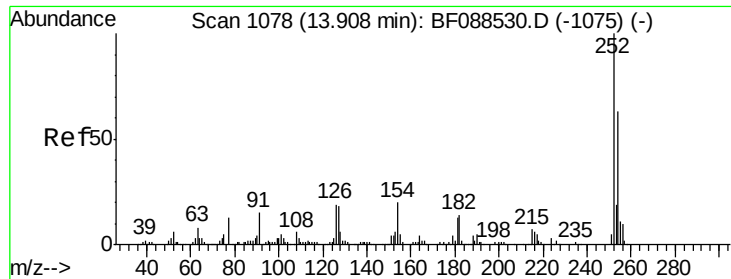


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

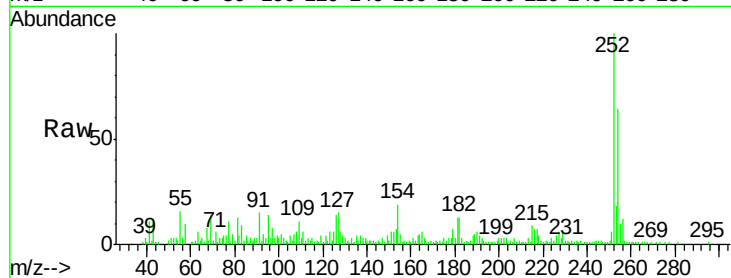




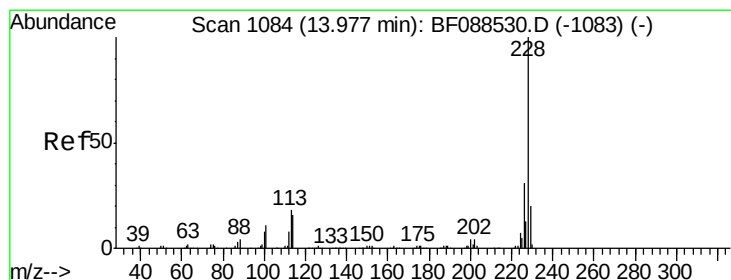
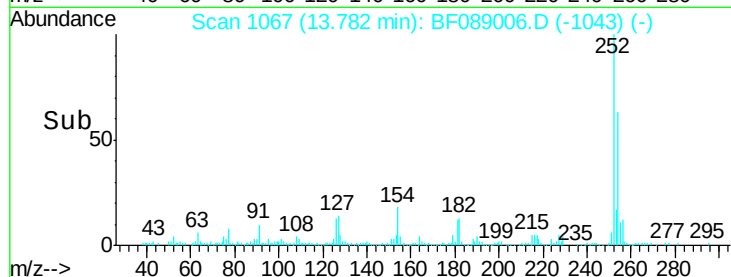
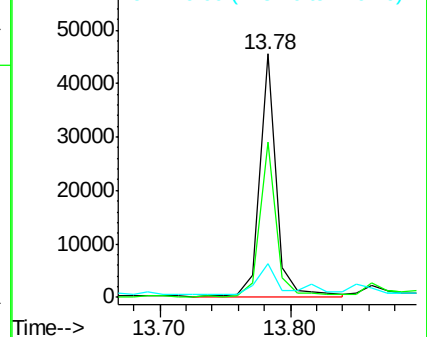
#81
 3,3'-Dichlorobenzidine
 Concen: 18.14 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion:252 Resp: 41490
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.6 78.8
 126 14.0 6.2 9.2#

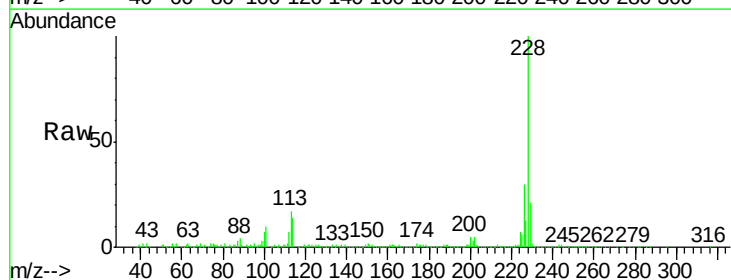


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

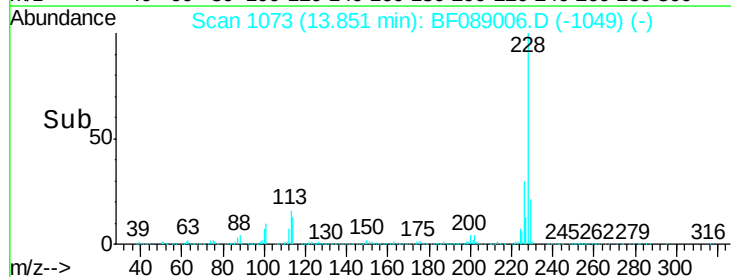
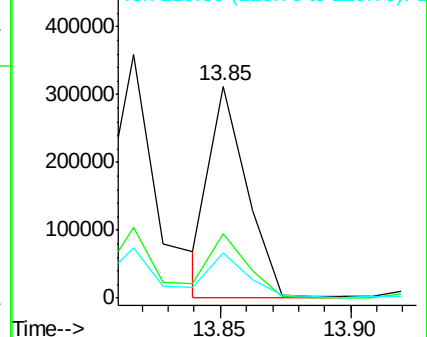


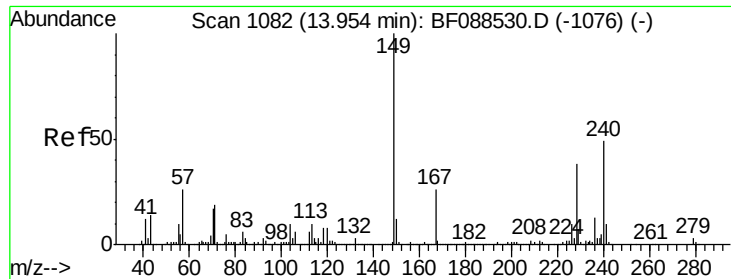
#82
 Chrysene
 Concen: 50.94 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion:228 Resp: 306509
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.2
 229 21.3 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

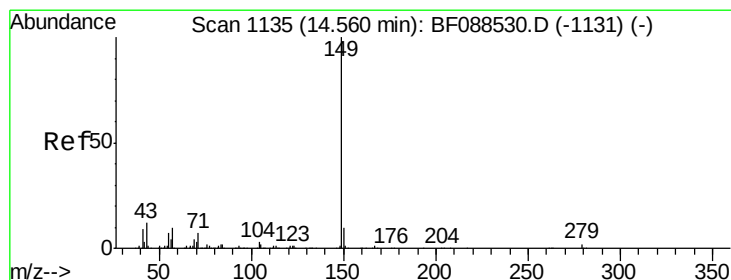
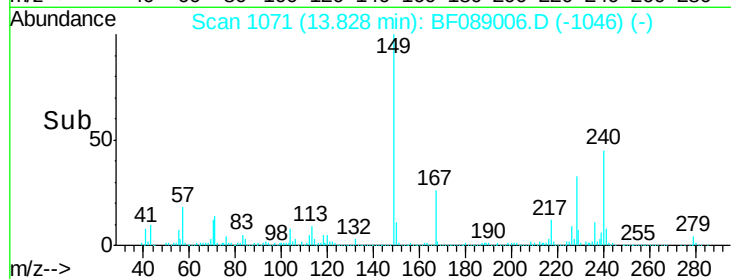
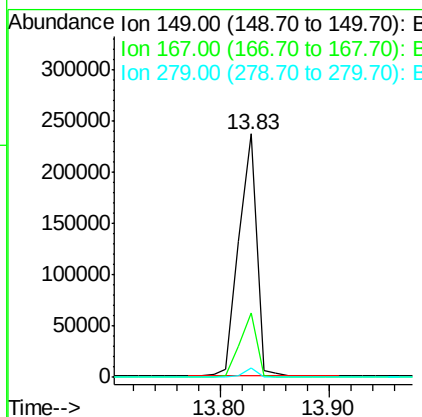
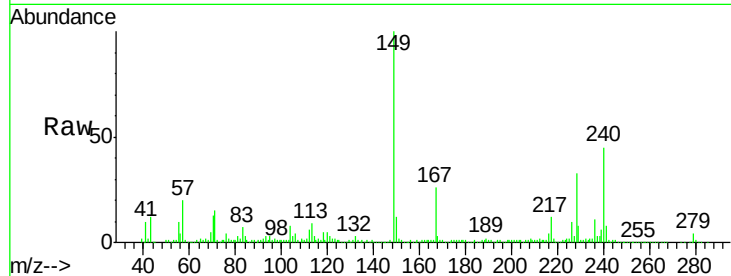




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.23 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

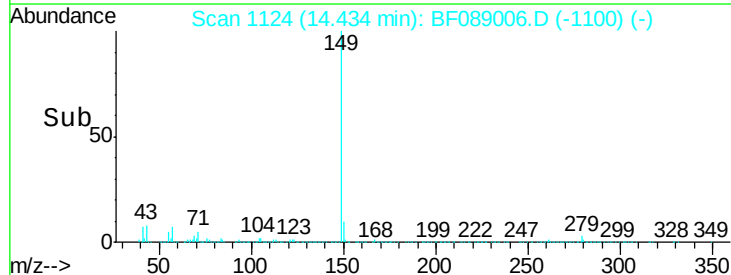
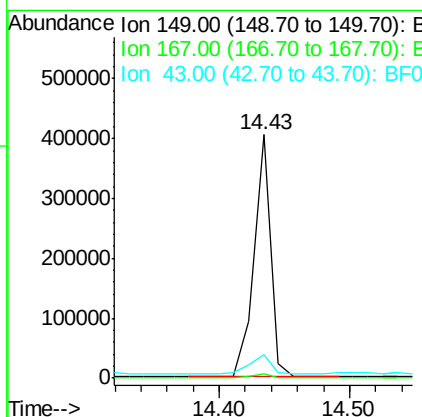
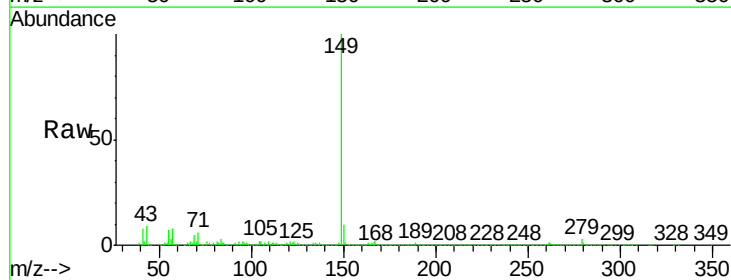
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

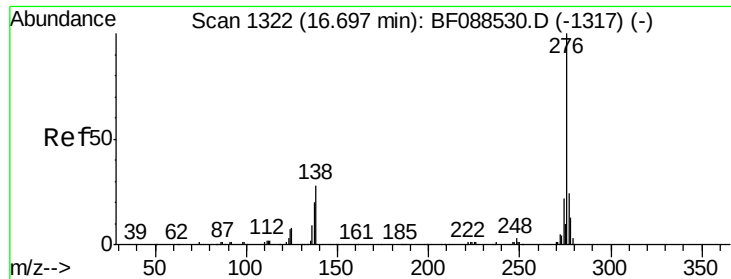
Tgt Ion:149 Resp: 261963
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.5 30.7
 279 3.7 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 51.77 ng
 RT: 14.43 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion:149 Resp: 358721
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 9.5 0.0 0.0#

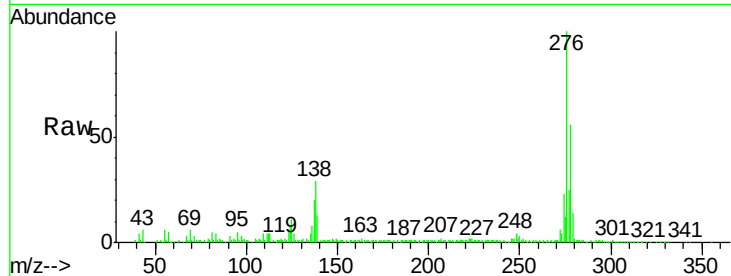




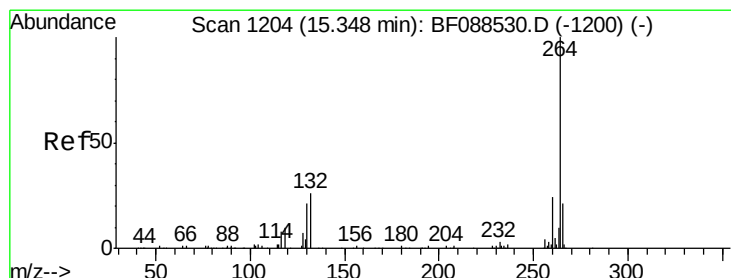
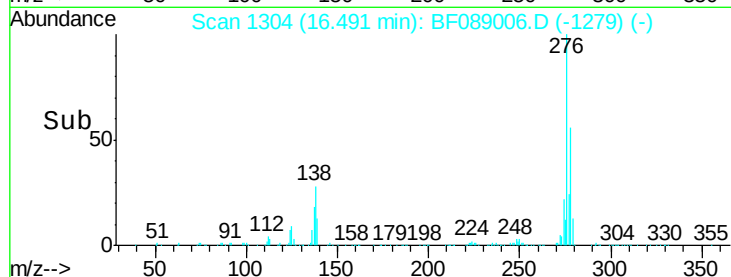
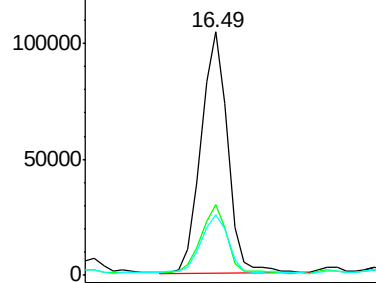
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.68 ng
 RT: 16.49 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	0.0	0.0#
277	25.8	0.0	0.0#

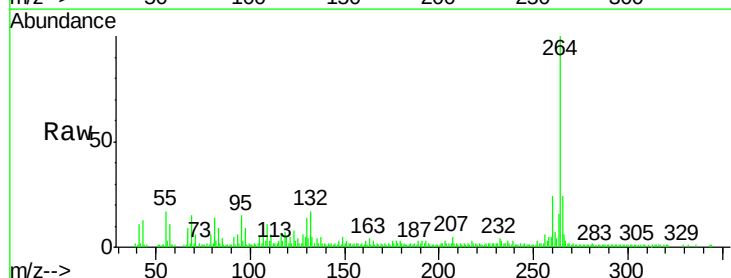


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

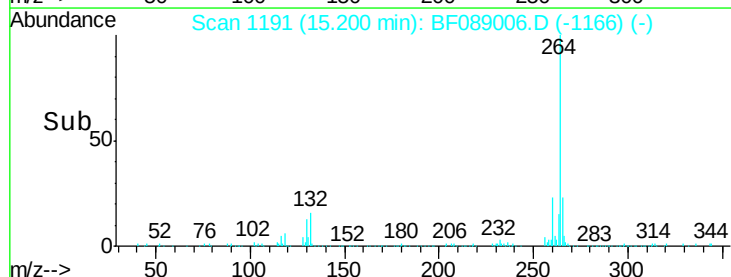
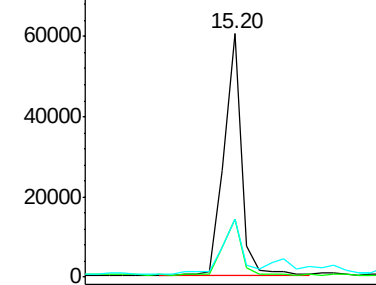


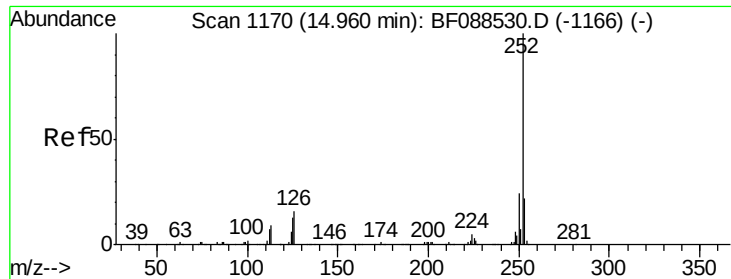
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF089006.D
 Acq: 15 Jul 2016 1:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	24.0	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 135.08 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

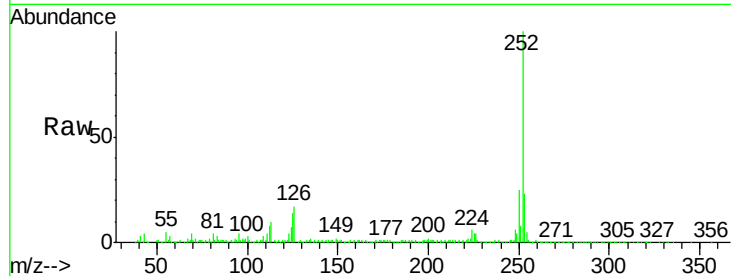
Tgt Ion:252 Resp: 578541

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

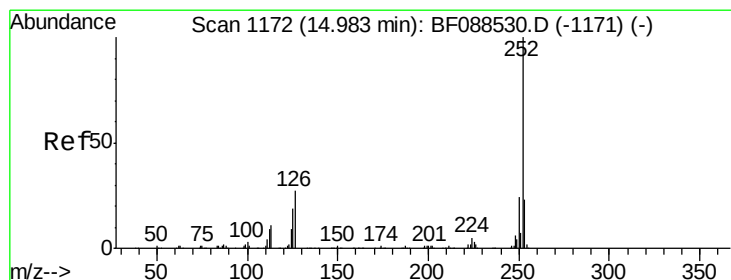
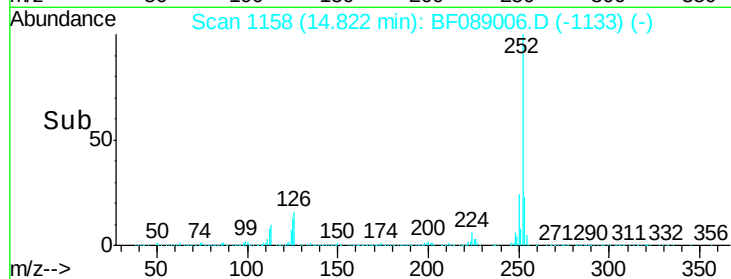
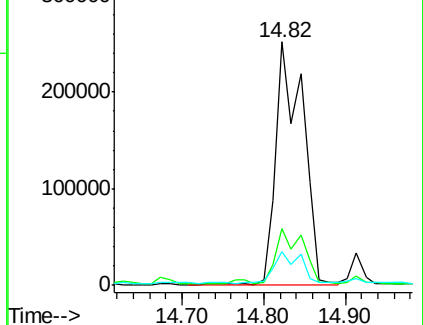
125 13.9 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 155.16 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.05 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

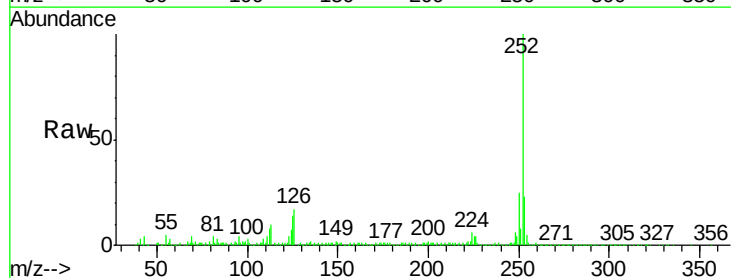
Tgt Ion:252 Resp: 578541

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

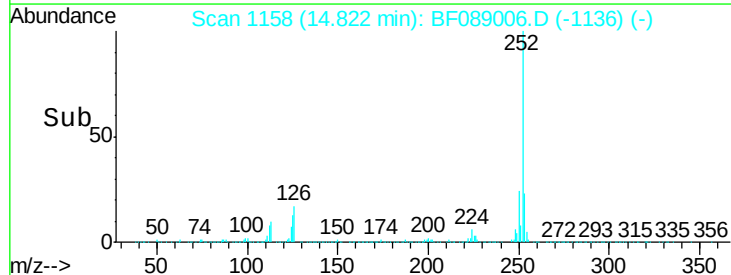
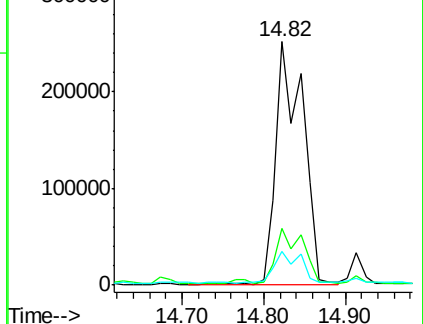
125 13.9 11.2 16.8

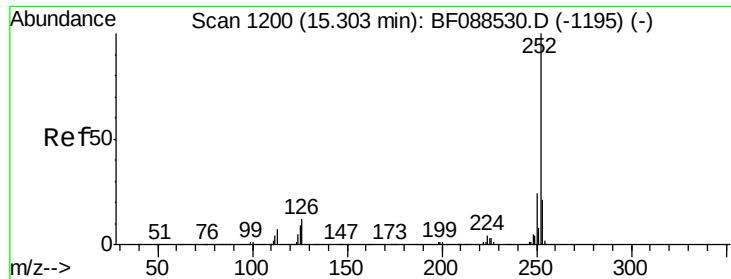


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 79.26 ng

RT: 15.14 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

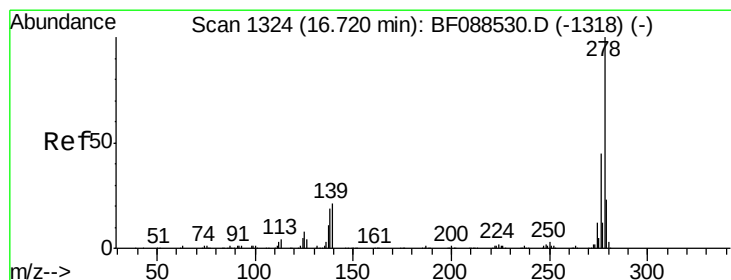
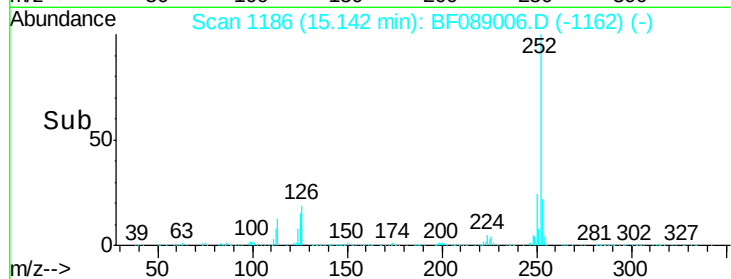
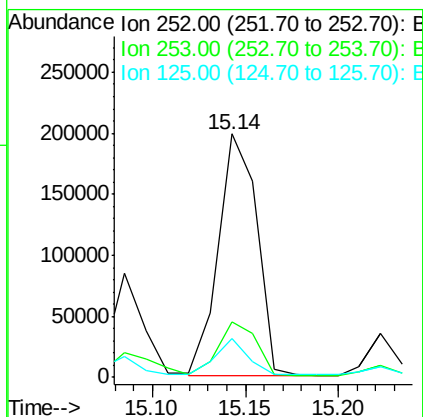
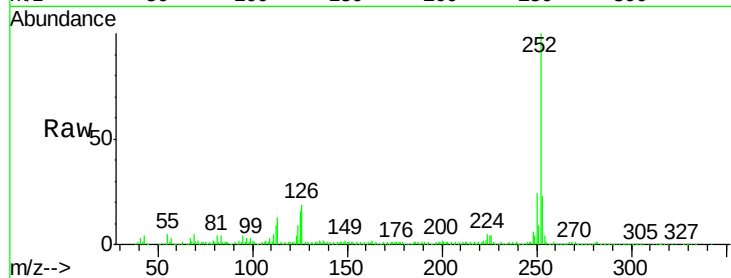
Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD

Tgt Ion:	252	Resp:	287437
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	16.0	12.5	18.7



#90

Dibenzo(a,h)anthracene

Concen: 53.27 ng

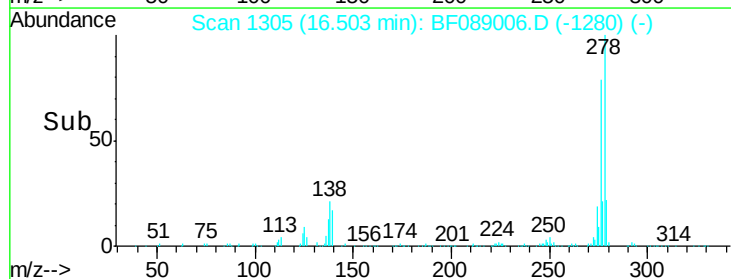
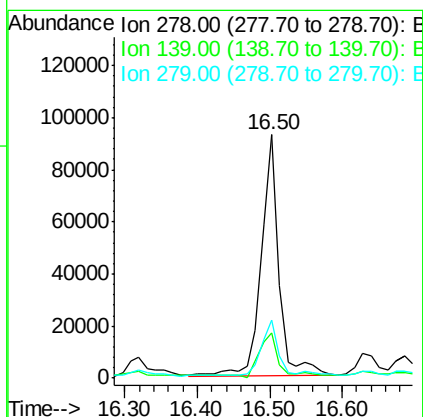
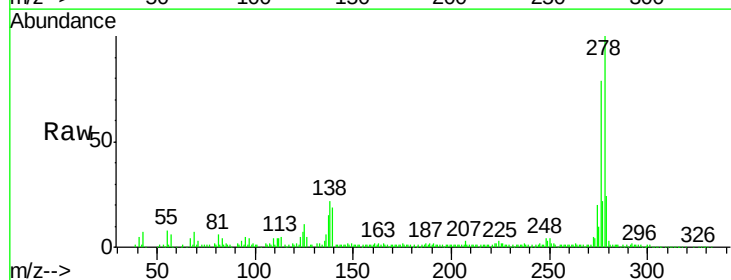
RT: 16.50 min Scan# 1305

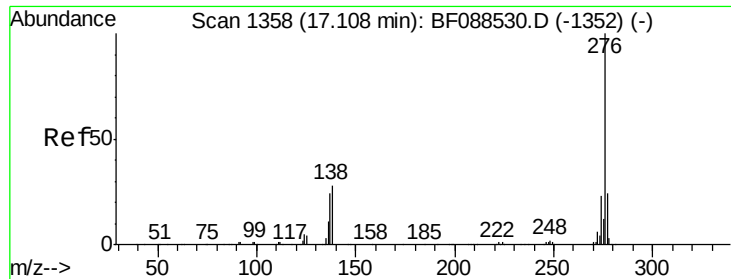
Delta R.T. -0.01 min

Lab File: BF089006.D

Acq: 15 Jul 2016 1:21

Tgt Ion:	278	Resp:	161298
Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.7	23.5
279	23.9	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 64.24 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF089006.D

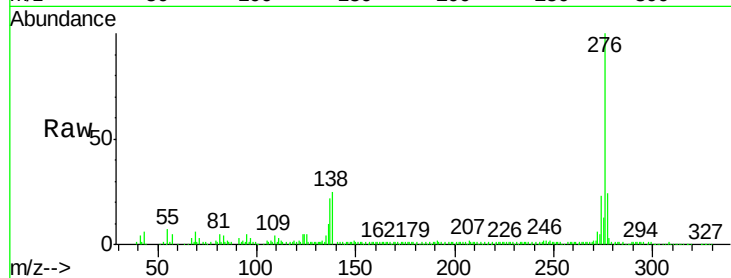
Acq: 15 Jul 2016 1:21

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)MSD



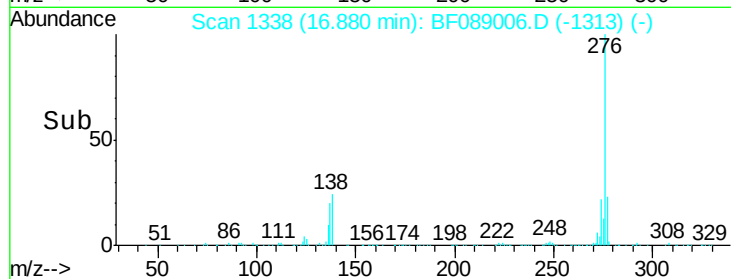
Tgt Ion: 276 Resp: 201297

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 24.6 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

