

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
 Data File : BF089005.D
 Acq On : 15 Jul 2016 00:51
 Operator : UM/SJ
 Sample : H3972-16MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 15 01:29:22 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	48973	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	196694	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	76226	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	130343	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	98456	20.00	ng	-0.02
86) Perylene-d12	15.19	264	72015	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	346276	105.97	ng	0.00
7) Phenol-d6	6.34	99	412935	97.80	ng	-0.01
23) Nitrobenzene-d5	7.26	82	247255	65.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	60564	85.56	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	385061	79.79	ng	-0.02
78) Terphenyl-d14	12.78	244	278873	63.09	ng	-0.02

Target Compounds					Qvalue	
3) Pyridine	2.84	79	120269	25.58	ng	95
4) n-Nitrosodimethylamine	2.80	42	59376	33.06	ng	98
6) Aniline	6.38	93	73963	12.02	ng	95
8) 2-Chlorophenol	6.48	128	131620	37.48	ng	90
9) Benzaldehyde	6.23	77	63496	22.20	ng	89
10) Phenol	6.35	94	127767	26.51	ng	# 61
11) bis(2-Chloroethyl)ether	6.43	93	140944	39.22	ng	# 82
12) 1,3-Dichlorobenzene	6.63	146	135351	35.02	ng	99
13) 1,4-Dichlorobenzene	6.71	146	141906	36.99	ng	99
14) 1,2-Dichlorobenzene	6.86	146	116670	32.49	ng	# 88
15) Benzyl Alcohol	6.84	79	113915	36.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	148529	28.54	ng	87
17) 2-Methylphenol	6.97	107	95170	33.22	ng	# 92
18) Hexachloroethane	7.20	117	29166	19.66	ng	# 85
19) n-Nitroso-di-n-propylamine	7.11	70	89872	31.69	ng	97
20) 3+4-Methylphenols	7.12	107	126224	36.71	ng	# 79
22) Acetophenone	7.11	105	186055	38.97	ng	97
24) Nitrobenzene	7.28	77	144866	38.28	ng	94
25) Isophorone	7.52	82	242312	34.85	ng	97
26) 2-Nitrophenol	7.59	139	46611	30.04	ng	# 84
27) 2,4-Dimethylphenol	7.64	122	107889	33.38	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	161408	35.67	ng	# 95
29) 2,4-Dichlorophenol	7.84	162	87118	33.35	ng	95
30) 1,2,4-Trichlorobenzene	7.92	180	100107	34.92	ng	98
31) Naphthalene	8.00	128	371647	38.33	ng	99
32) Benzoic acid	7.64	122	107889	45.97	ng	# 17
33) 4-Chloroaniline	8.06	127	62121	14.40	ng	98
34) Hexachlorobutadiene	8.12	225	52082	33.93	ng	98
35) Caprolactam	8.41	113	26889	30.31	ng	# 80
36) 4-Chloro-3-methylphenol	8.55	107	92520	29.95	ng	91
37) 2-Methylnaphthalene	8.68	142	200565	32.12	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	90253	35.60	ng	# 1
42) 2,4,6-Trichlorophenol	8.97	196	59913	35.84	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	57538	40.01	ng	99

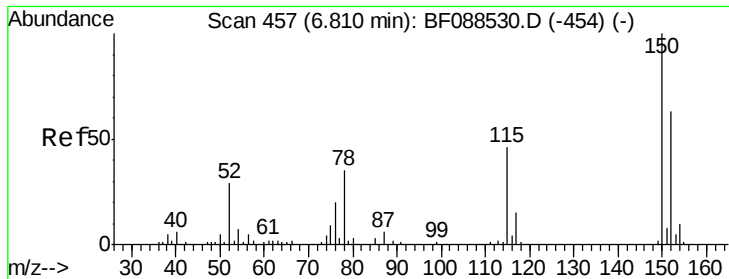
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.15	154	244872	38.79	ng	96
46) 2-Chloronaphthalene	9.18	162	179152	36.15	ng	94
47) 2-Nitroaniline	9.27	65	60770	34.56	ng	97
48) Acenaphthylene	9.59	152	295667	37.50	ng	98
49) Dimethylphthalate	9.45	163	254015	46.77	ng	100
50) 2,6-Dinitrotoluene	9.52	165	37590	31.23	ng	92
51) Acenaphthene	9.76	154	164859	34.11	ng	97
52) 3-Nitroaniline	9.68	138	45536	29.76	ng	100
54) Dibenzofuran	9.93	168	236092	37.32	ng	97
55) 4-Nitrophenol	9.86	139	68654	59.05	ng	# 73
56) 2,4-Dinitrotoluene	9.92	165	48939	31.10	ng	# 72
57) Fluorene	10.26	166	175722	36.05	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	37816	33.99	ng	# 45
59) Diethylphthalate	10.15	149	197919	36.32	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	85912	37.93	ng	96
61) 4-Nitroaniline	10.28	138	43184	29.33	ng	# 77
62) Azobenzene	10.42	77	229584	36.93	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	1795	2.57	ng	96
65) n-Nitrosodiphenylamine	10.38	169	150829	34.19	ng	100
66) 4-Bromophenyl-phenylether	10.75	248	44404	33.81	ng	93
67) Hexachlorobenzene	10.81	284	41503	28.54	ng	# 83
68) Atrazine	10.91	200	48714	35.44	ng	92
69) Pentachlorophenol	11.02	266	47389	55.07	ng	97
70) Phenanthrene	11.22	178	409396	57.46	ng	99
71) Anthracene	11.27	178	283862	40.07	ng	98
72) Carbazole	11.43	167	251720	37.75	ng	100
73) Di-n-butylphthalate	11.77	149	326007	42.03	ng	99
74) Fluoranthene	12.41	202	648101	89.72	ng	93
77) Pyrene	12.63	202	535439	64.14	ng	99
79) Butylbenzylphthalate	13.26	149	146694	39.39	ng	# 77
80) Benzo(a)anthracene	13.82	228	353061	55.69	ng	98
81) 3,3'-Dichlorobenzidine	13.78	252	38855	16.30	ng	# 97
82) Chrysene	13.85	228	258274	41.18	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	199650	46.96	ng	# 98
84) Di-n-octyl phthalate	14.43	149	303888	42.08	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.48	276	197419	40.91	ng	# 100
87) Benzo(b)fluoranthene	14.82	252	521653	115.47	ng	# 96
88) Benzo(k)fluoranthene	14.82	252	521653	132.64	ng	97
89) Benzo(a)pyrene	15.14	252	243564	63.68	ng	96
90) Dibenzo(a,h)anthracene	16.49	278	136558	42.76	ng	99
91) Benzo(g,h,i)perylene	16.87	276	169001	51.13	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

Lab File: BF089005.D

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

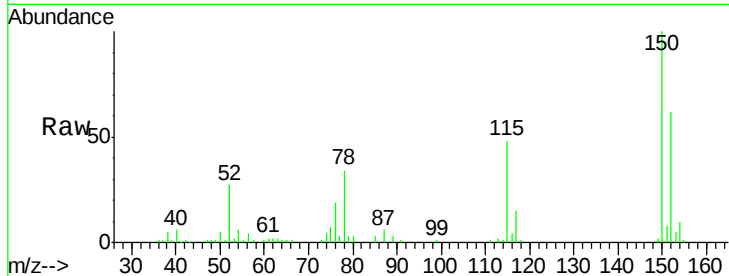
Tgt Ion:152 Resp: 48973

Ion Ratio Lower Upper

152 100

150 160.1 123.8 185.6

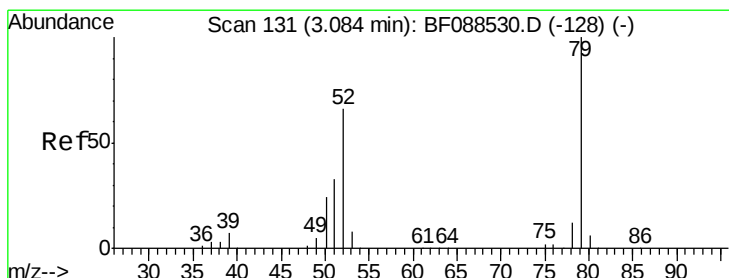
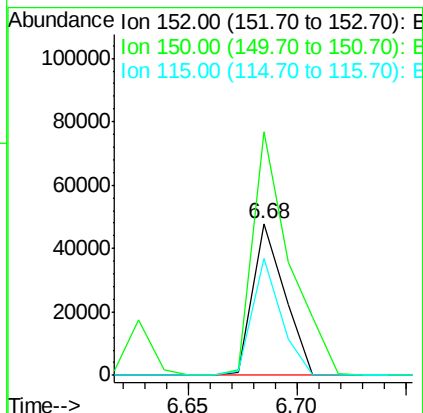
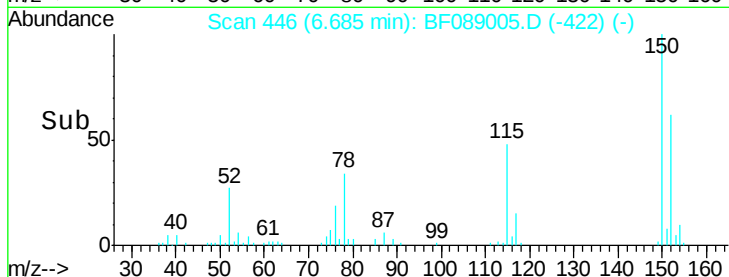
115 76.8 39.6 59.4#



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: 25.58 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.03 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

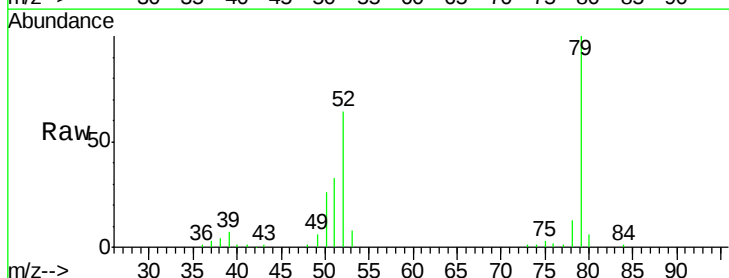
Tgt Ion: 79 Resp: 120269

Ion Ratio Lower Upper

79 100

52 64.5 56.3 84.5

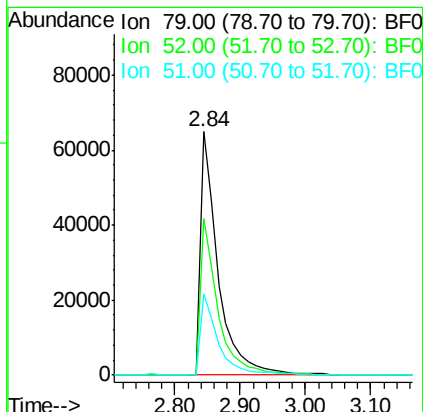
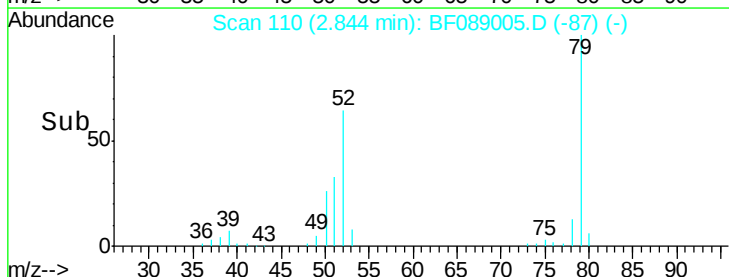
51 33.3 27.4 41.2

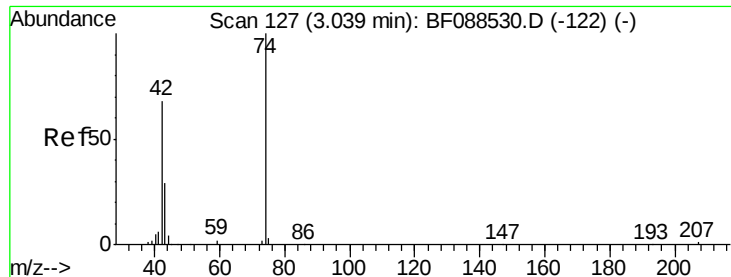


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 33.06 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.03 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

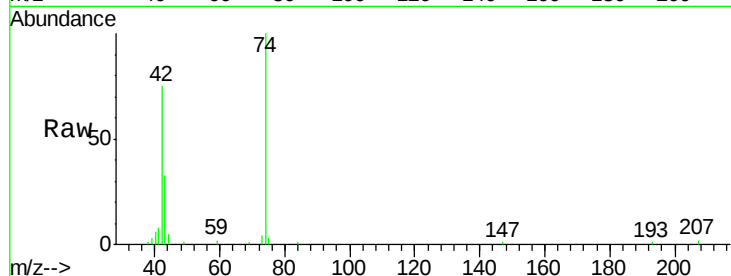
Tgt Ion: 42 Resp: 59376

Ion Ratio Lower Upper

42 100

74 132.8 108.6 163.0

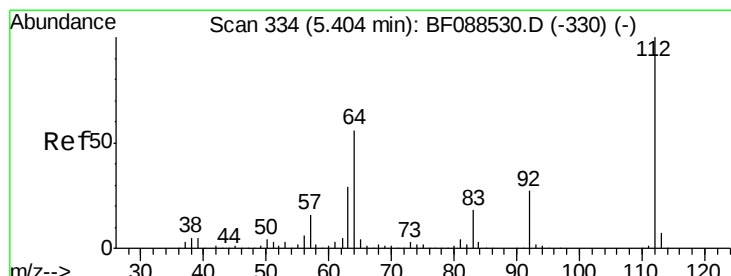
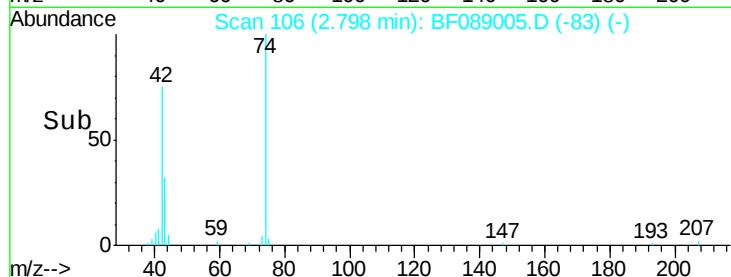
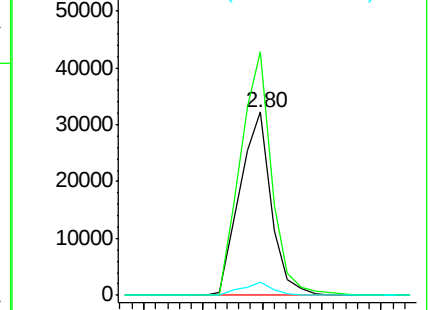
44 7.0 5.5 8.3



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: 105.97 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

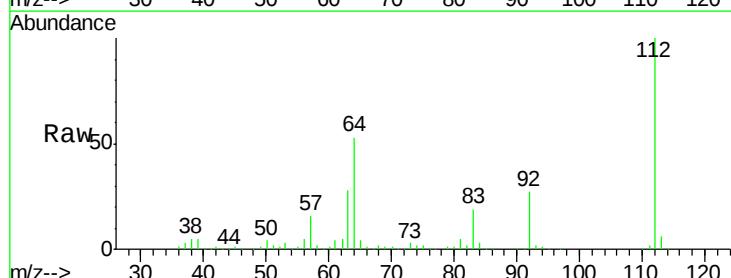
Tgt Ion: 112 Resp: 346276

Ion Ratio Lower Upper

112 100

64 53.4 42.2 63.2

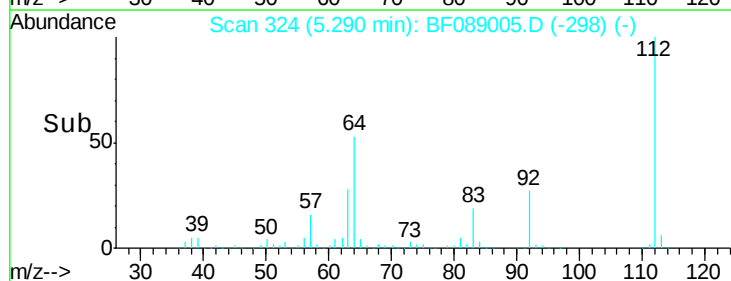
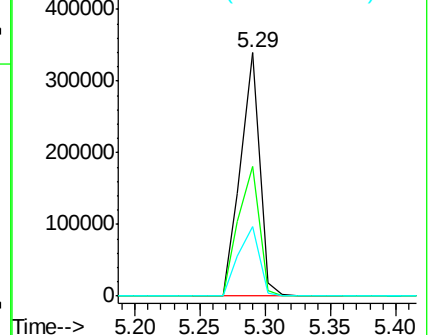
63 28.5 21.8 32.8

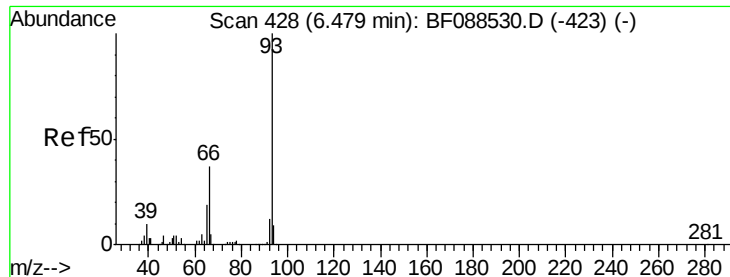


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 12.02 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

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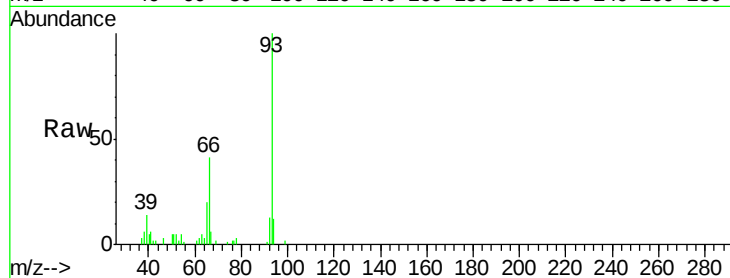
Tgt Ion: 93 Resp: 73963

Ion Ratio Lower Upper

93 100

66 40.9 29.8 44.8

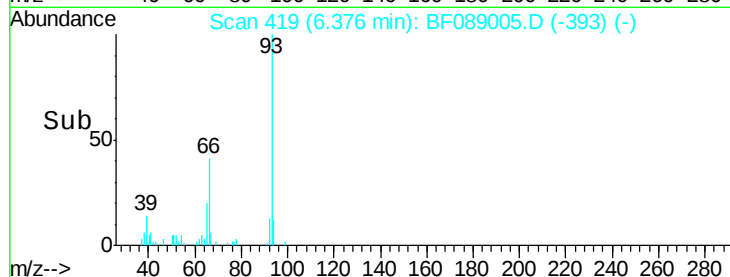
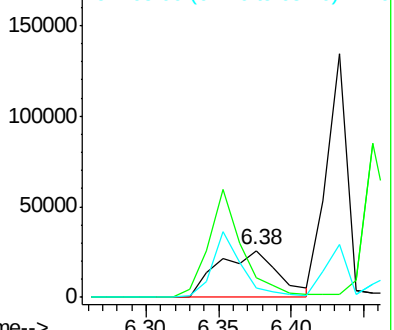
65 20.2 14.9 22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 97.80 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

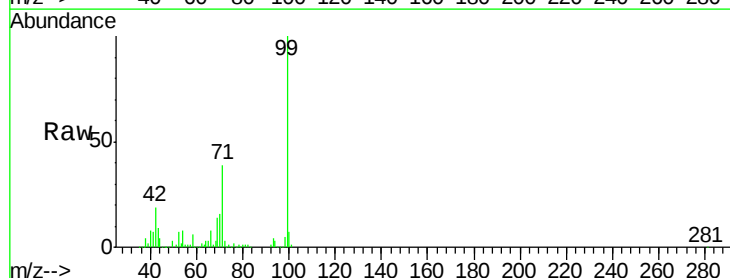
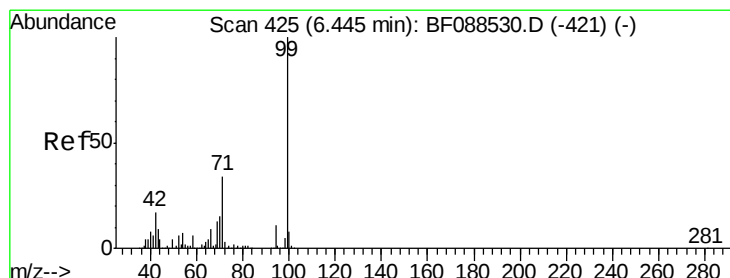
Tgt Ion: 99 Resp: 412935

Ion Ratio Lower Upper

99 100

42 19.0 12.2 18.2#

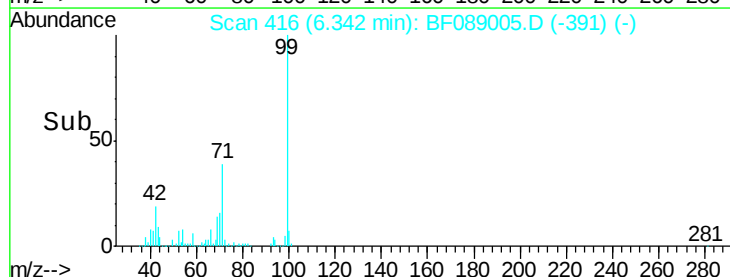
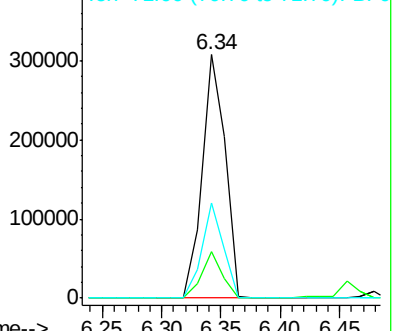
71 39.0 23.4 35.0#

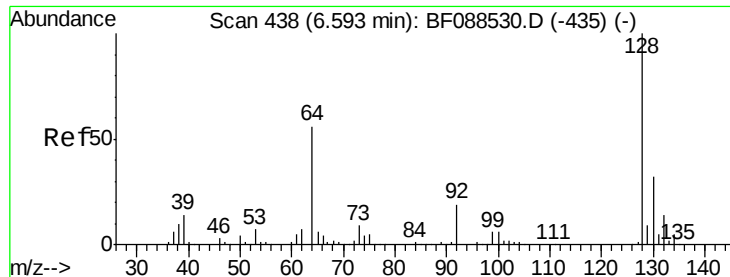


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 37.48 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

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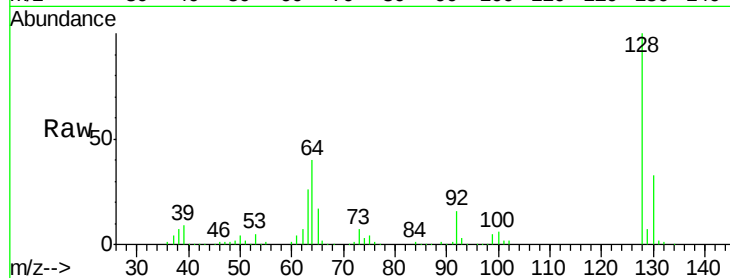
Tgt Ion:128 Resp: 131620

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

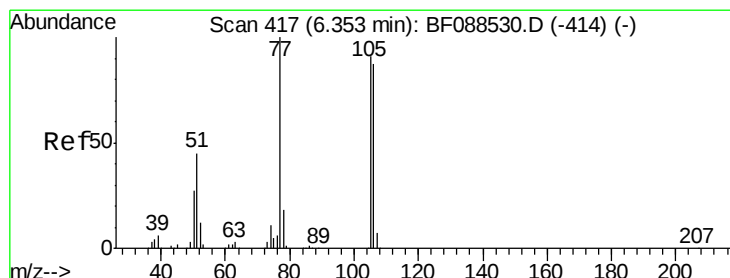
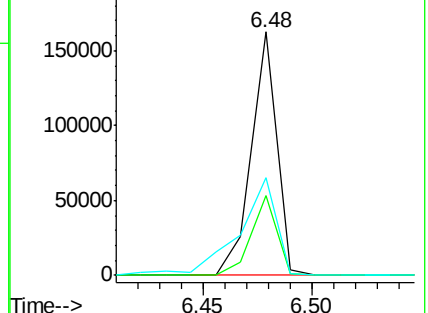
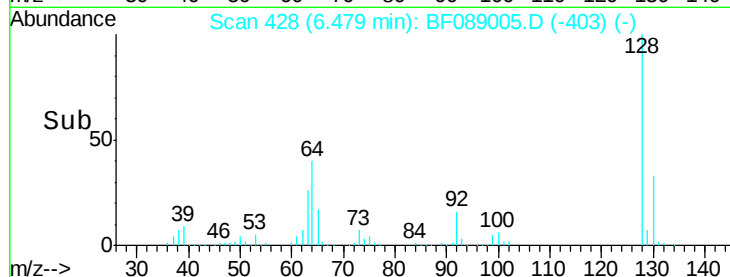
64 40.1 30.8 70.8



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: 22.20 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

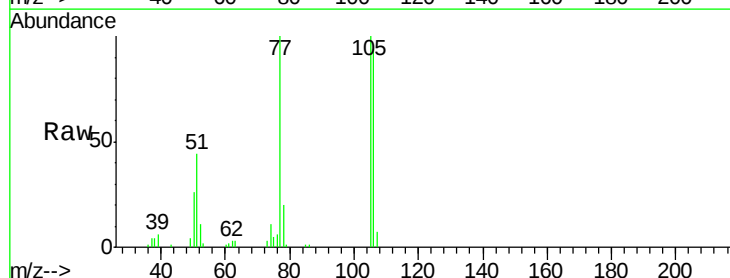
Tgt Ion: 77 Resp: 63496

Ion Ratio Lower Upper

77 100

105 99.7 90.6 130.6

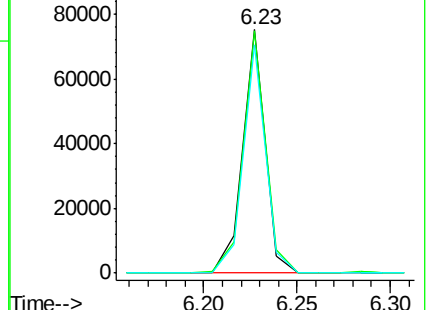
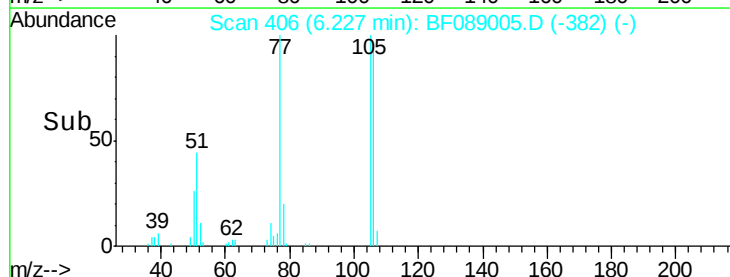
106 93.5 85.3 125.3

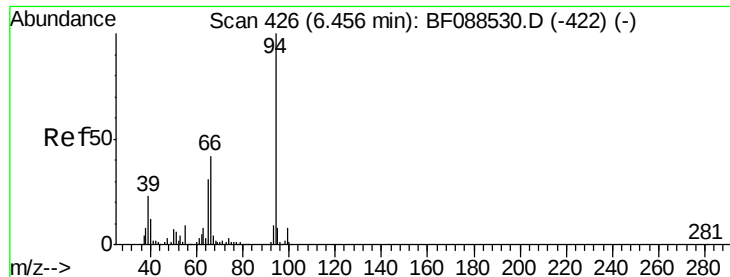


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 26.51 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

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ClientSampleId :

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

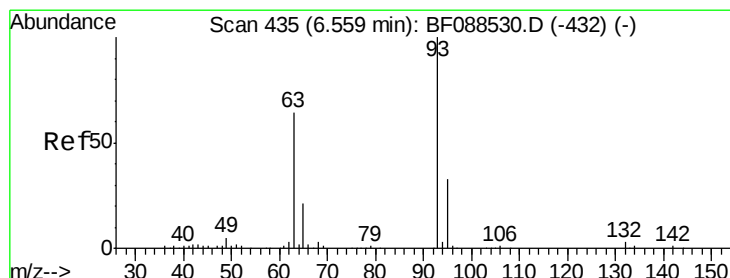
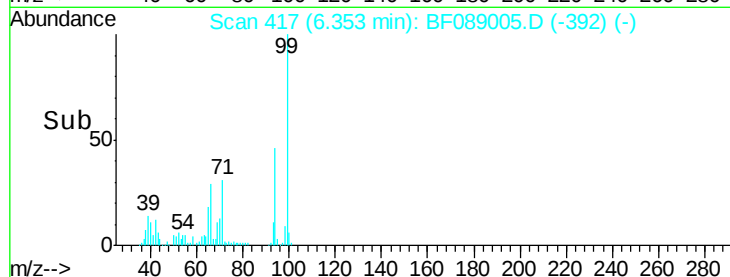
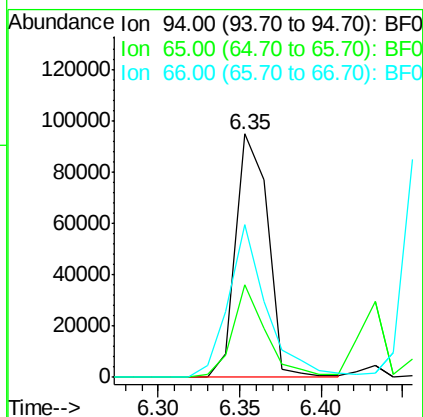
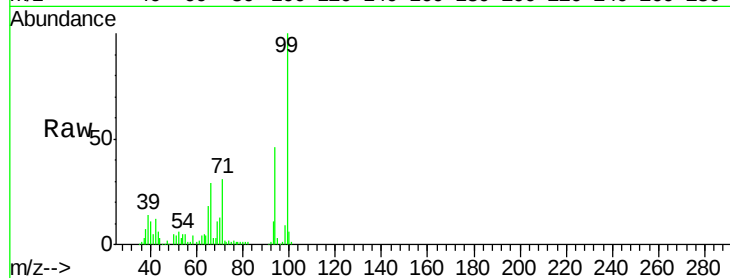
Tgt Ion: 94 Resp: 127767

Ion Ratio Lower Upper

94 100

65 38.3 5.9 45.9

66 62.5 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 39.22 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

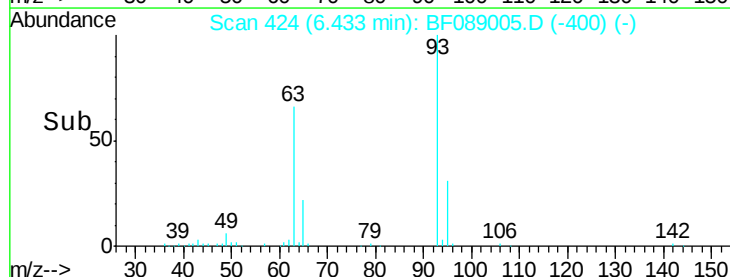
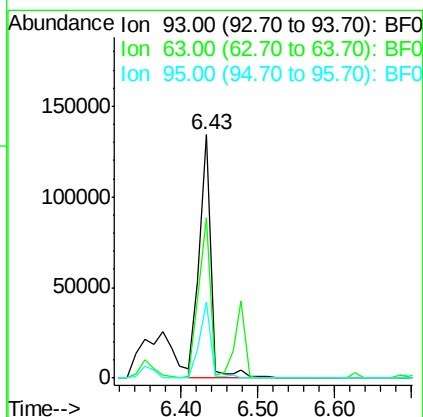
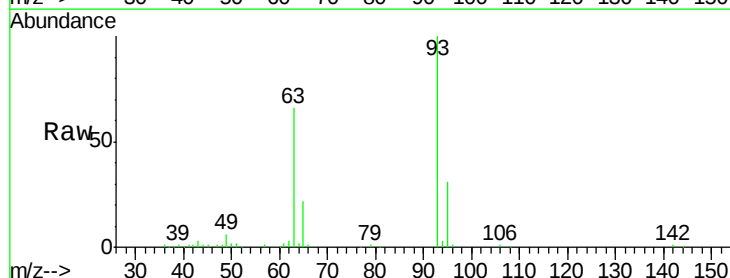
Tgt Ion: 93 Resp: 140944

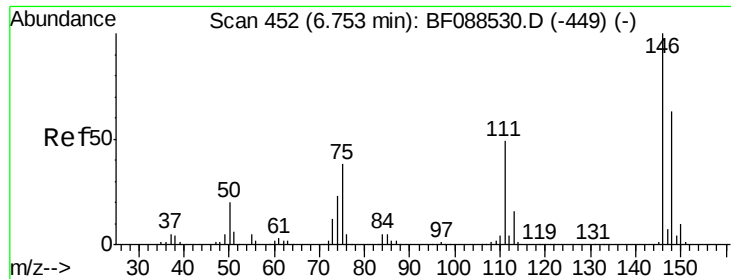
Ion Ratio Lower Upper

93 100

63 65.7 67.6 107.6#

95 31.2 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 35.02 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

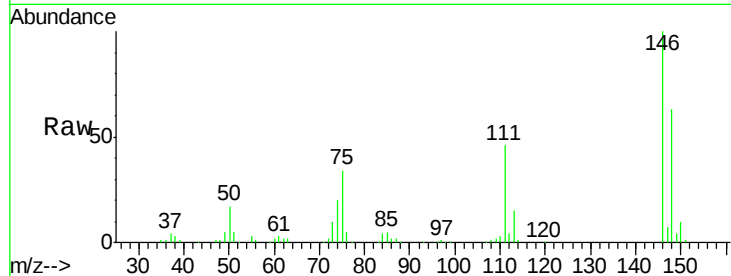
Tgt Ion:146 Resp: 135351

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

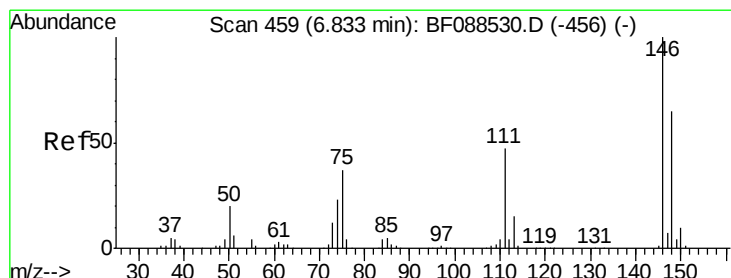
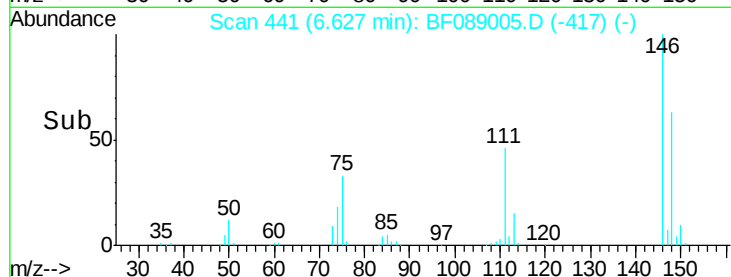
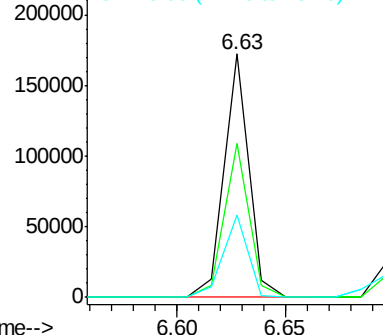
75 34.1 25.6 38.4



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: 36.99 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

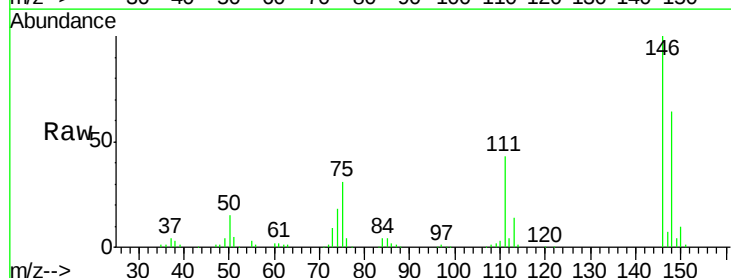
Tgt Ion:146 Resp: 141906

Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

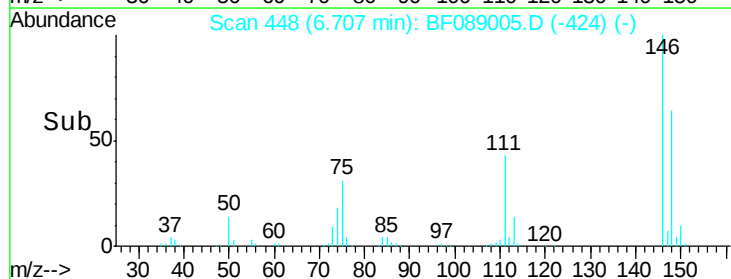
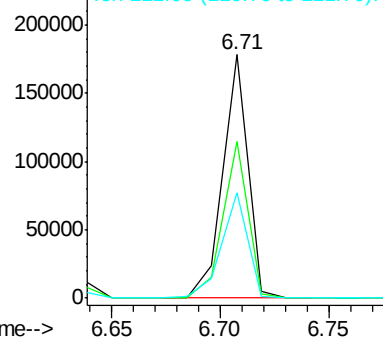
111 43.1 33.8 50.8

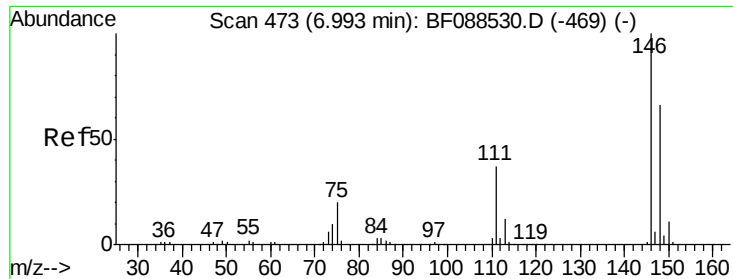


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 32.49 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

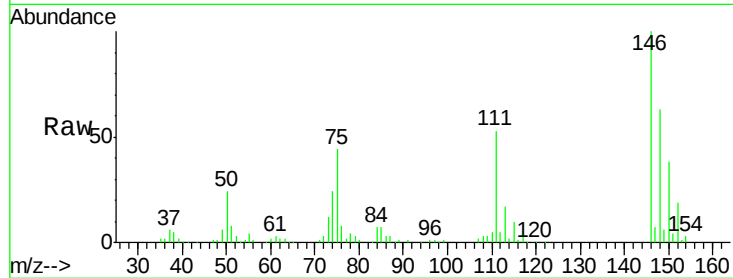
Tgt Ion:146 Resp: 116670

Ion Ratio Lower Upper

146 100

148 63.1 52.3 78.5

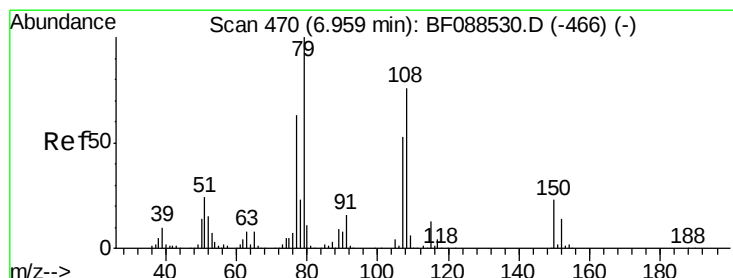
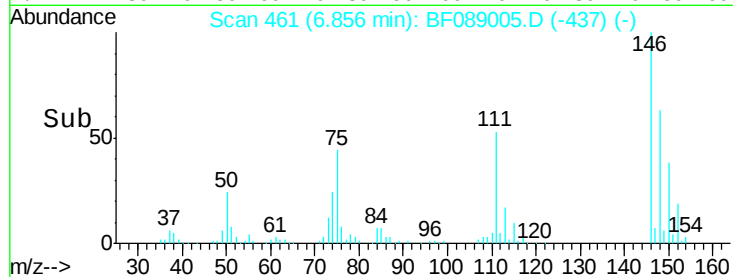
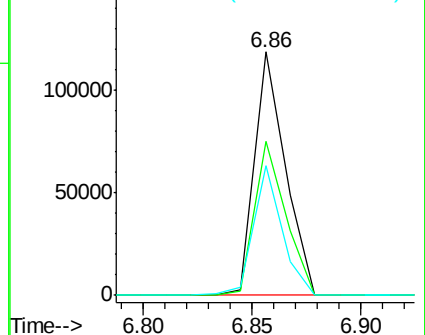
111 53.1 28.7 43.1#



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: 36.66 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

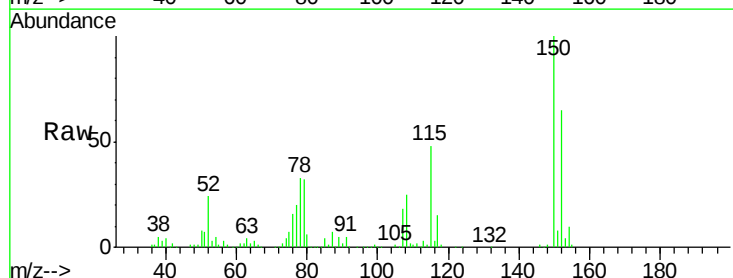
Tgt Ion: 79 Resp: 113915

Ion Ratio Lower Upper

79 100

108 78.0 65.0 97.6

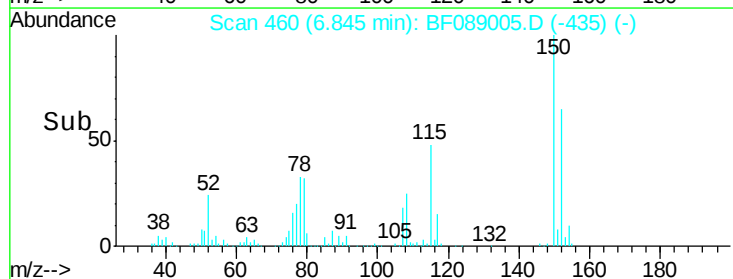
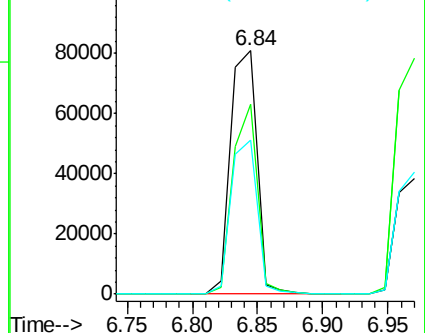
77 63.5 50.3 75.5

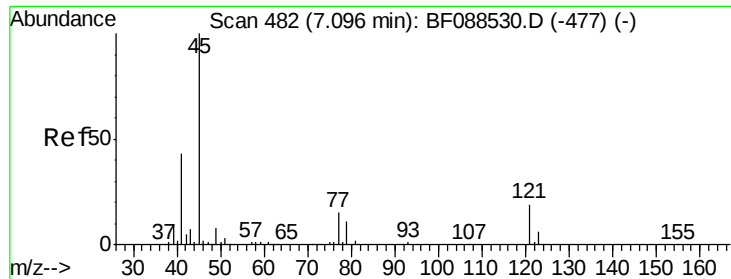


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

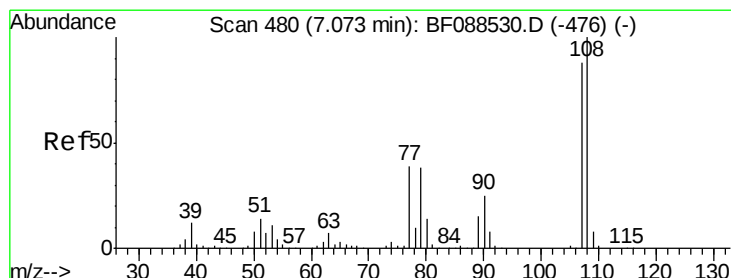
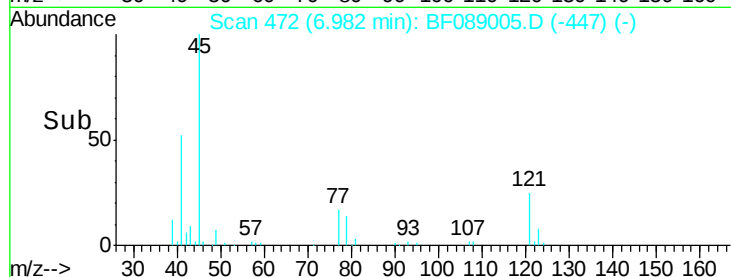
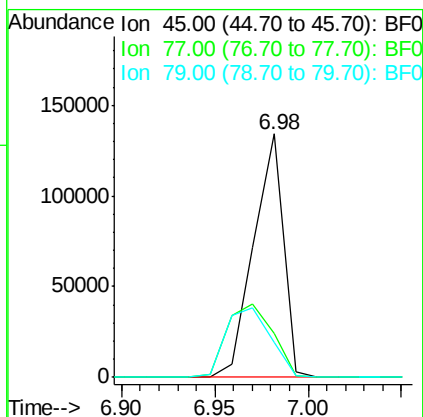
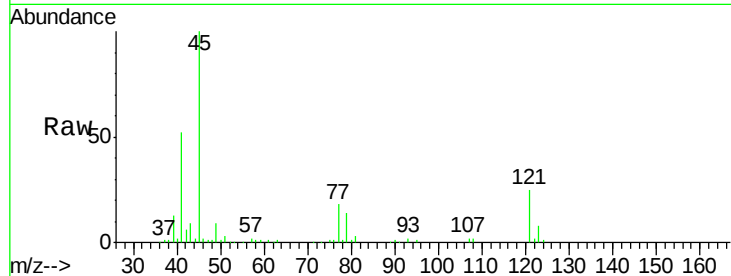




#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.54 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

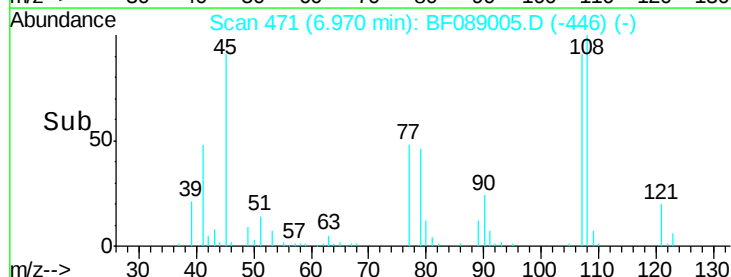
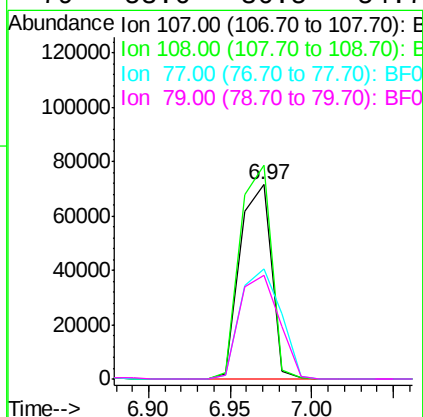
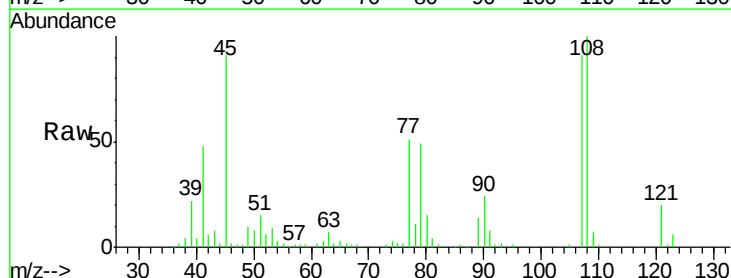
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

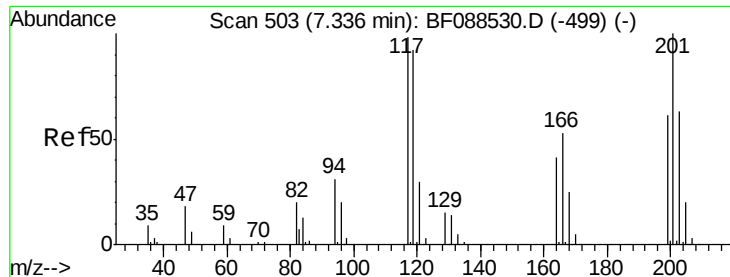
Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	32.5
79	14.3	0.0	29.5



#17
2-Methylphenol
Concen: 33.22 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.9	136.3
77	56.6	36.6	55.0#
79	53.6	36.5	54.7

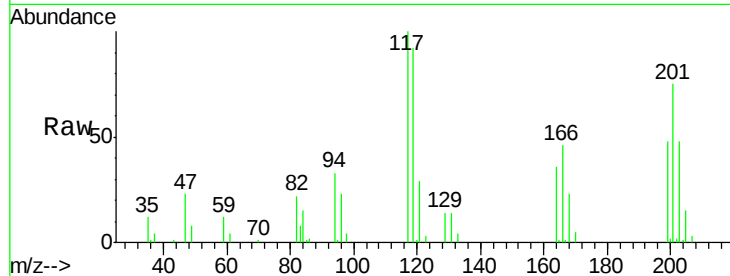




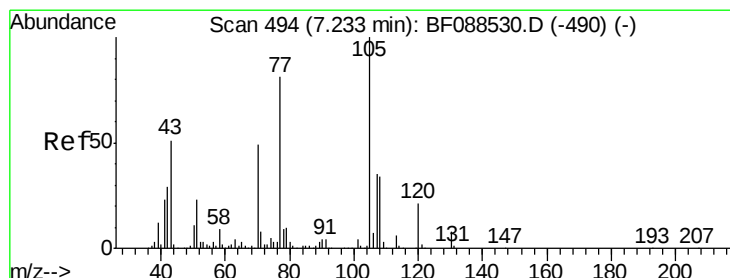
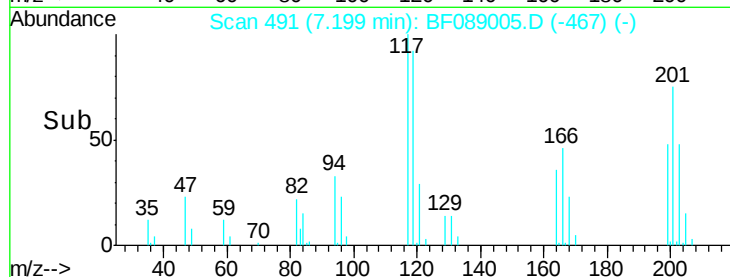
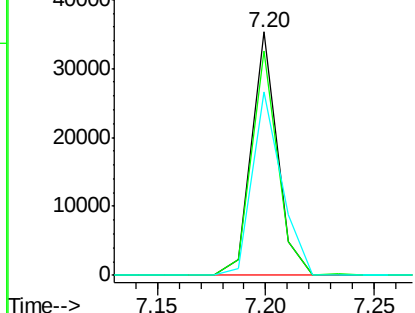
#18
Hexachloroethane
Concen: 19.66 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

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

Tgt Ion: 117 Resp: 29166
Ion Ratio Lower Upper
117 100
119 92.3 77.4 116.2
201 75.5 80.4 120.6#



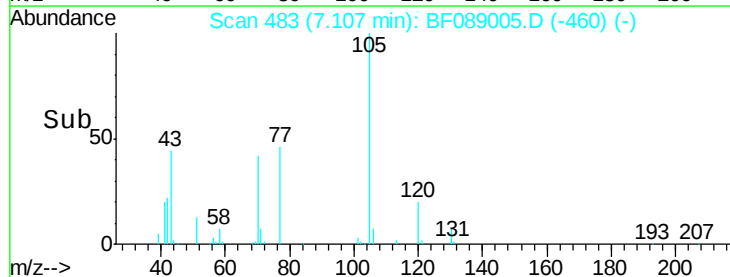
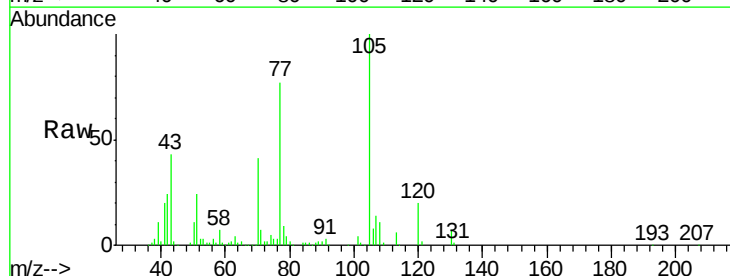
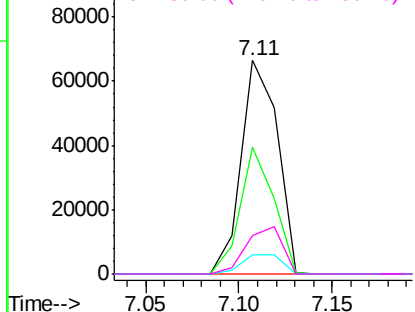
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

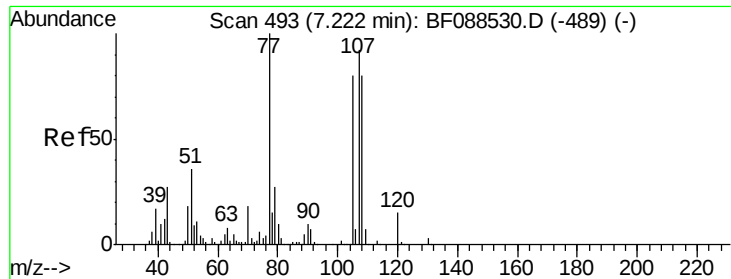


#19
n-Nitroso-di-n-propylamine
Concen: 31.69 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion: 70 Resp: 89872
Ion Ratio Lower Upper
70 100
42 59.4 49.6 74.4
101 8.8 7.1 10.7
130 17.8 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: 36.71 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:107 Resp: 126224

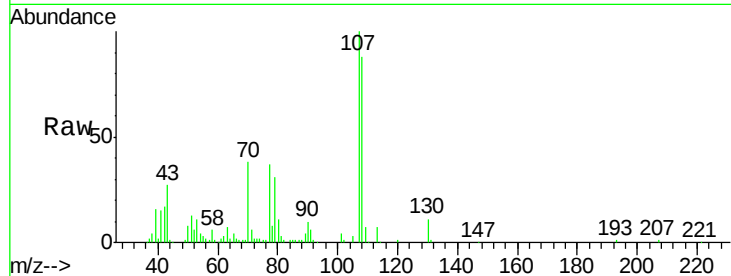
Ion Ratio Lower Upper

107 100

108 87.9 67.8 107.8

77 36.9 59.3 99.3#

79 31.4 7.0 47.0

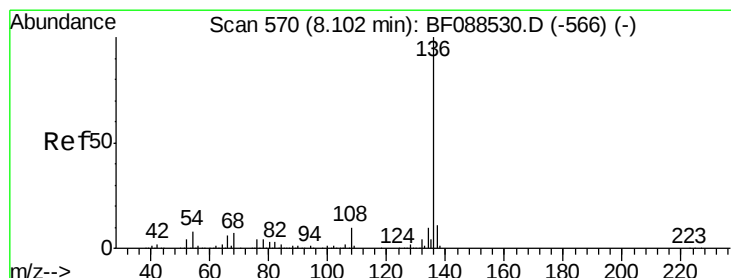
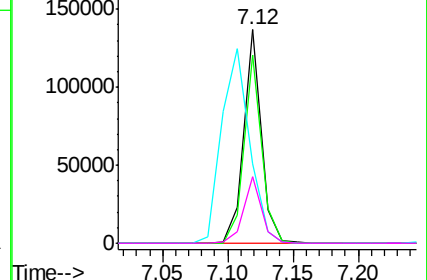
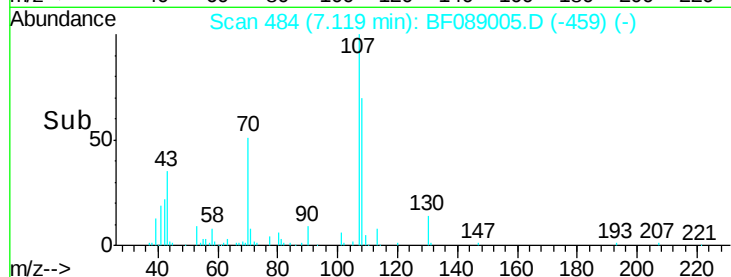


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:136 Resp: 196694

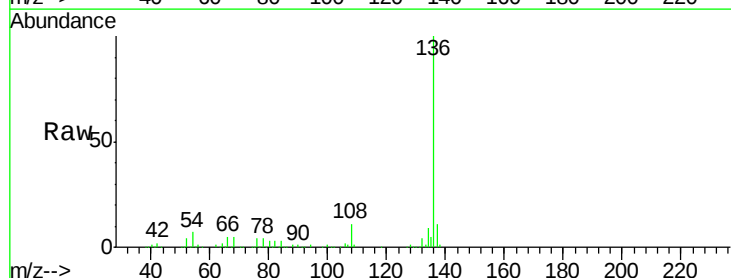
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.6 6.6 10.0#

68 5.2 5.1 7.7

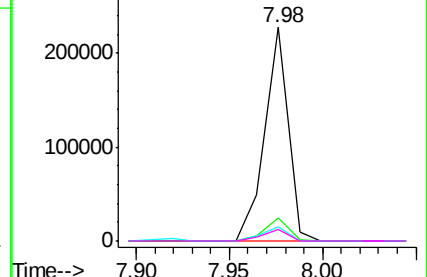
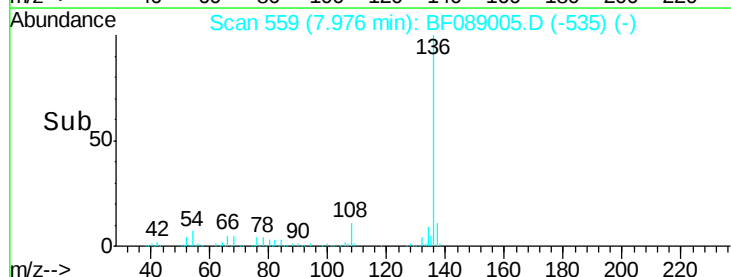


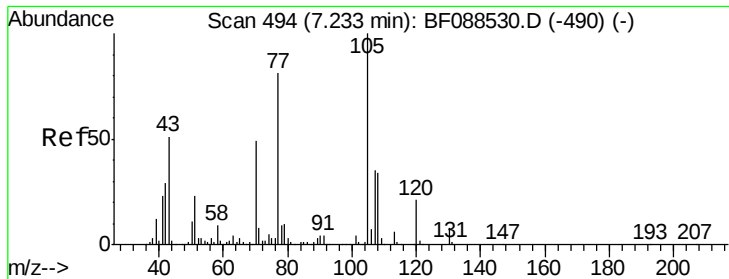
Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.97 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF089005.D

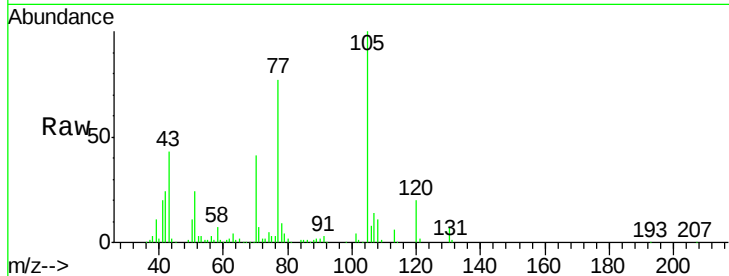
Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion: 105 Resp: 186055

Ion Ratio Lower Upper

105 100

71 7.0 5.3 7.9

51 23.7 18.2 27.4

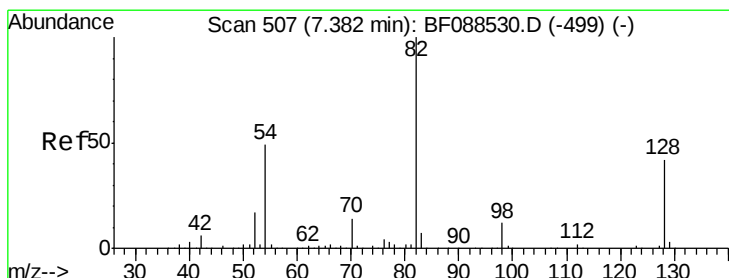
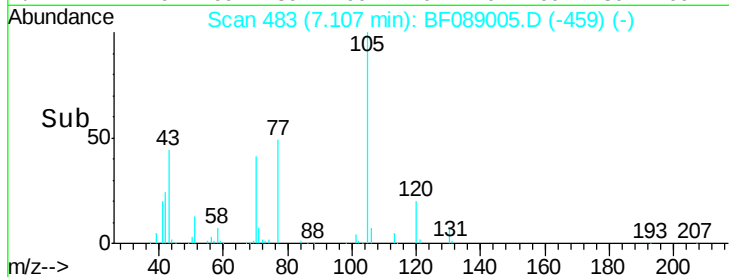
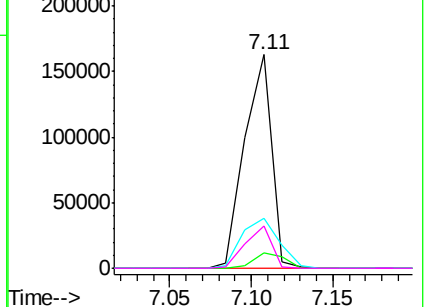
120 20.1 18.0 27.0

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: 65.88 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion: 82 Resp: 247255

Ion Ratio Lower Upper

82 100

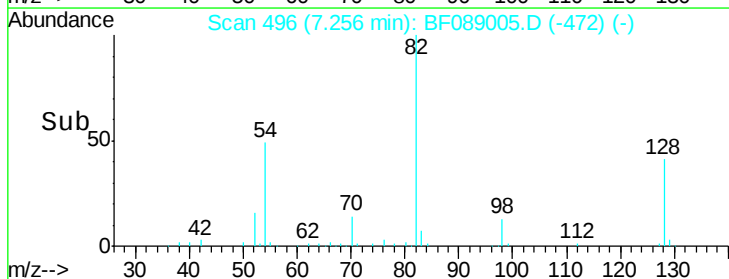
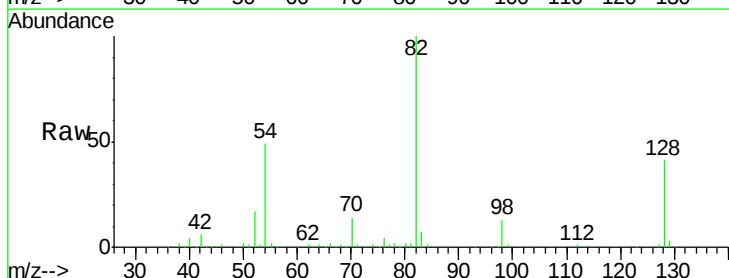
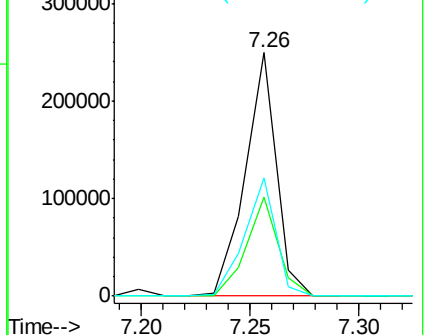
128 40.8 35.9 53.9

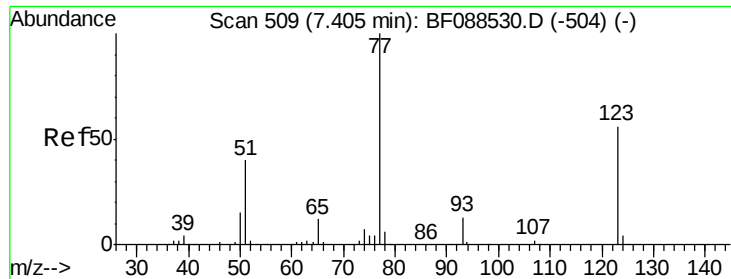
54 48.5 40.9 61.3

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: 38.28 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

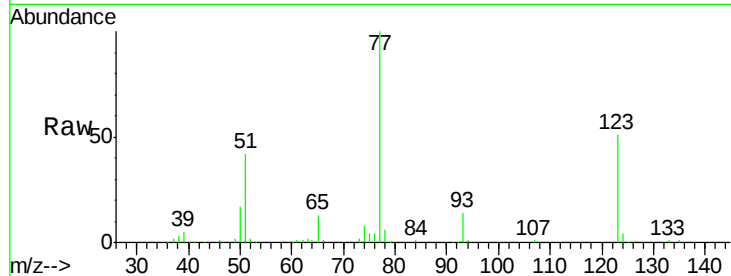
Tgt Ion: 77 Resp: 144866

Ion Ratio Lower Upper

77 100

123 50.8 45.0 67.4

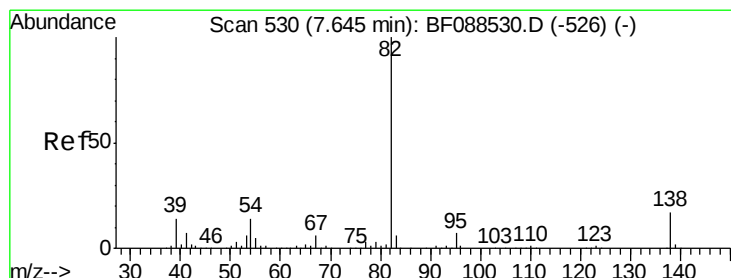
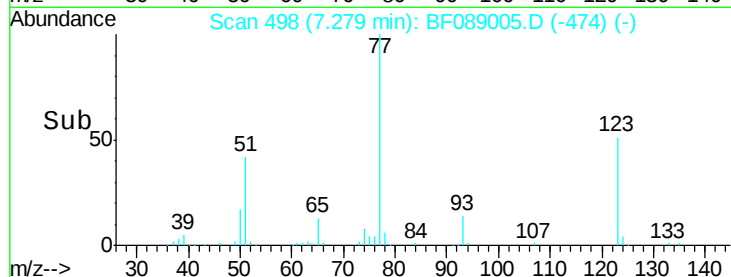
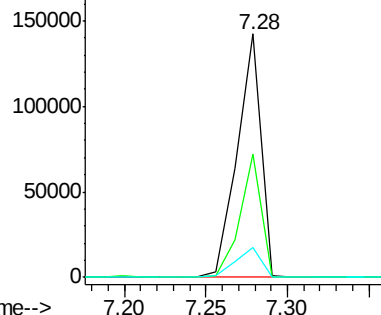
65 12.5 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 34.85 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

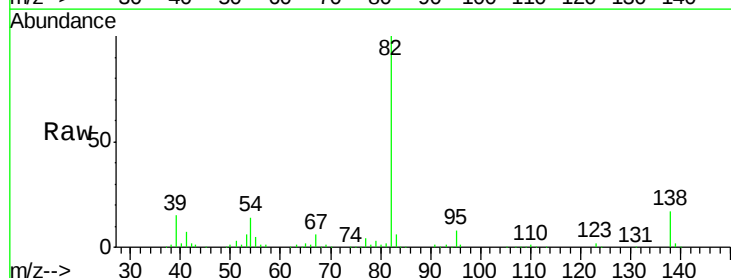
Tgt Ion: 82 Resp: 242312

Ion Ratio Lower Upper

82 100

95 7.7 5.4 8.2

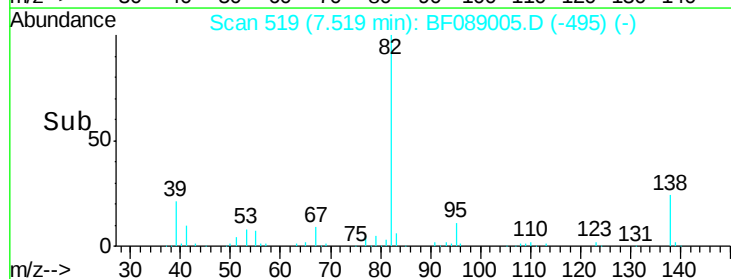
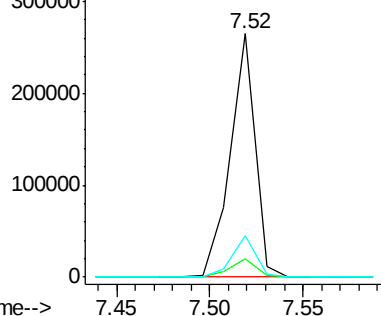
138 16.9 14.6 21.8

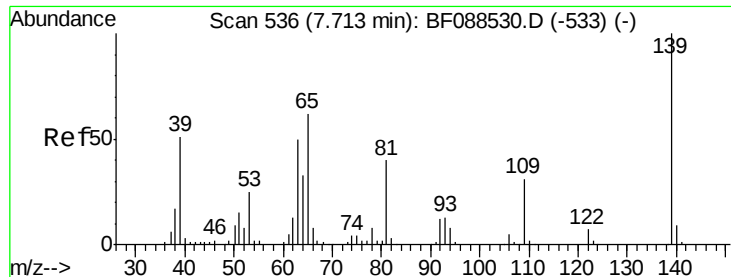


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

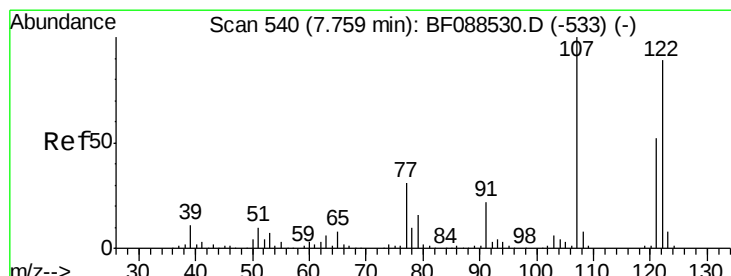
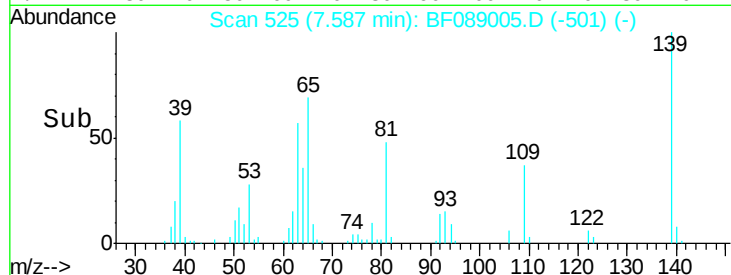
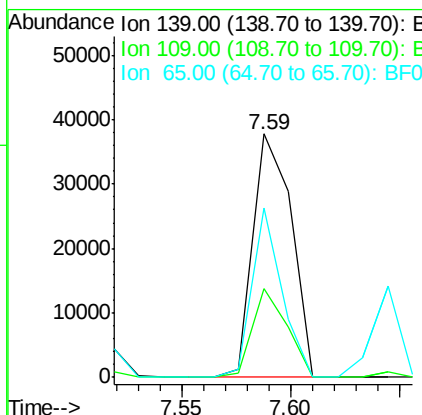
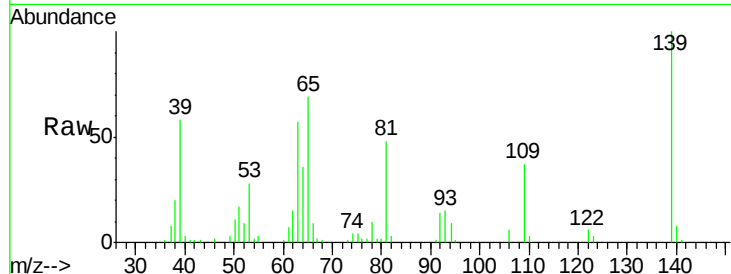




#26
2-Nitrophenol
Concen: 30.04 ng
RT: 7.59 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

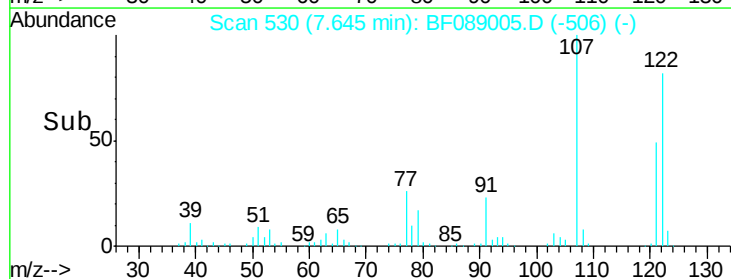
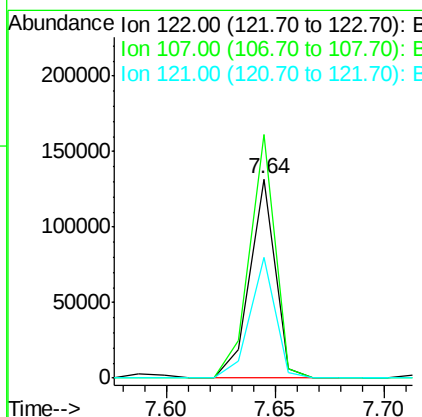
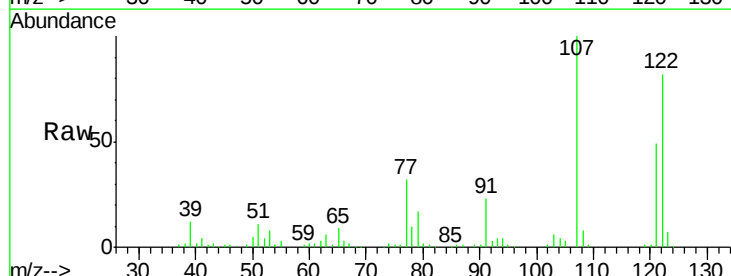
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

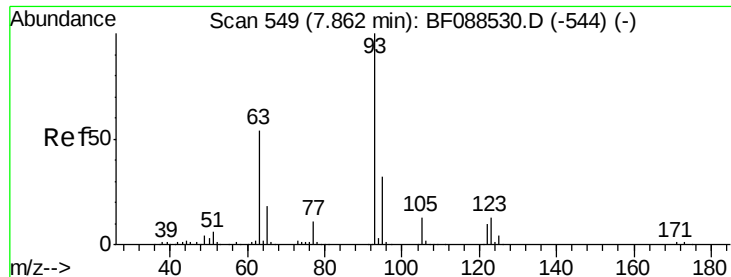
Tgt Ion:139 Resp: 46611
Ion Ratio Lower Upper
139 100
109 36.7 23.0 34.4#
65 69.4 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 33.38 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:122 Resp: 107889
Ion Ratio Lower Upper
122 100
107 122.3 82.4 123.6
121 60.4 46.3 69.5

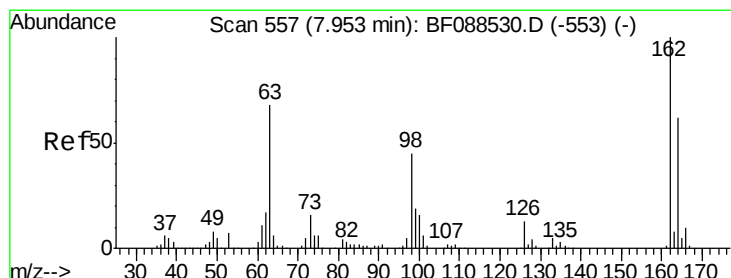
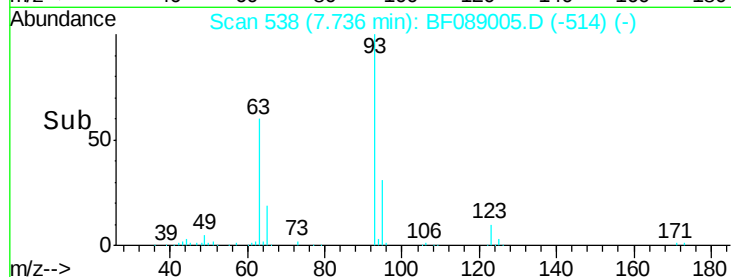
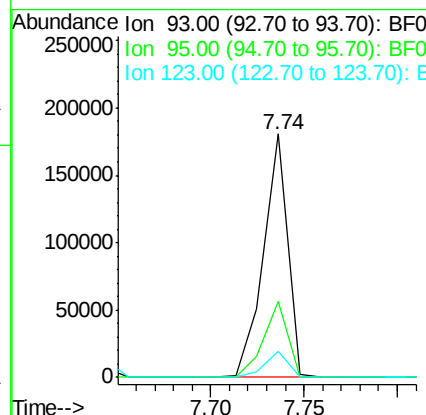
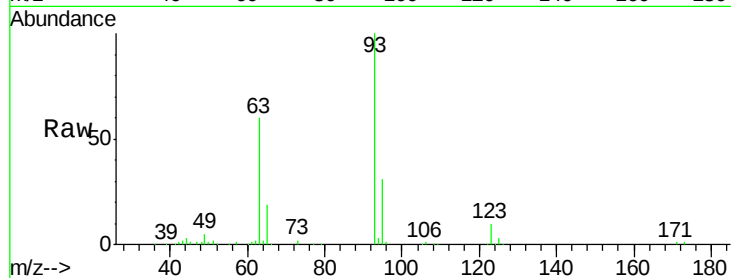




#28
bis(2-Chloroethoxy)methane
Concen: 35.67 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

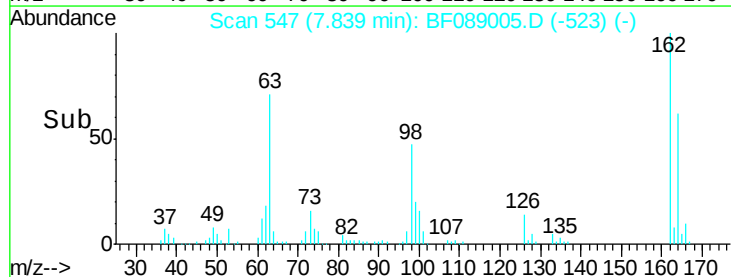
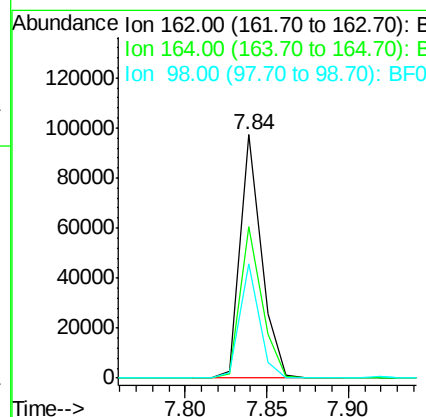
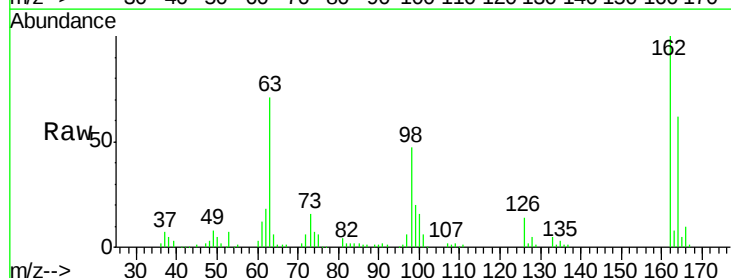
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

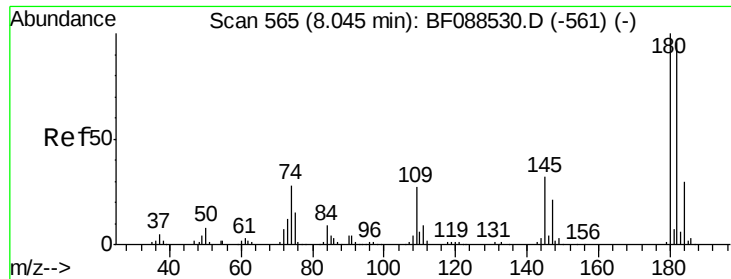
Tgt Ion: 93 Resp: 161408
Ion Ratio Lower Upper
93 100
95 31.2 26.5 39.7
123 10.5 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 33.35 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion: 162 Resp: 87118
Ion Ratio Lower Upper
162 100
164 62.4 43.8 83.8
98 46.8 21.3 61.3

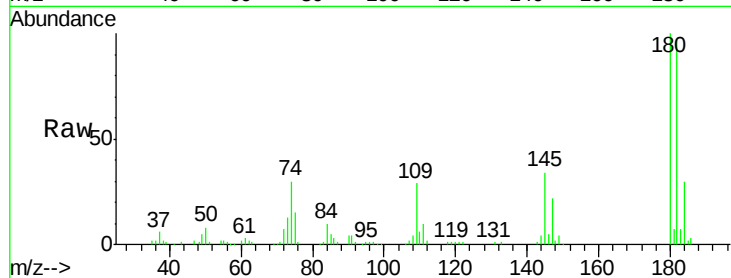




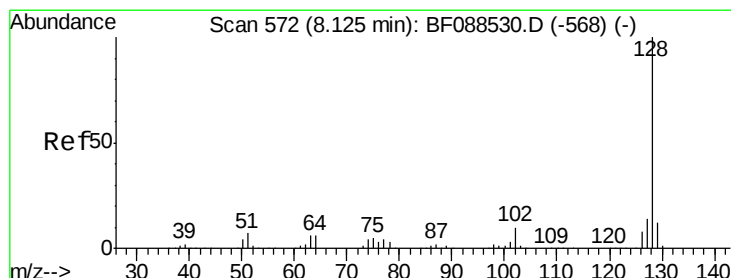
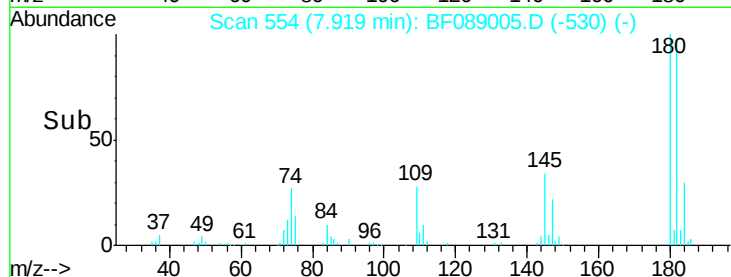
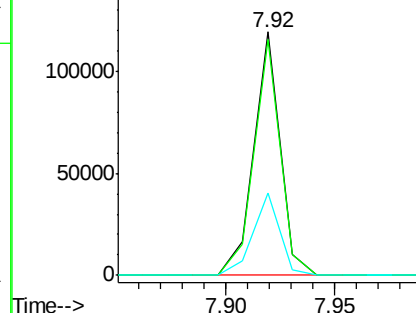
#30
 1,2,4-Trichlorobenzene
 Concen: 34.92 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

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

Tgt Ion:180 Resp: 100107
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.0 114.0
 145 33.7 26.5 39.7

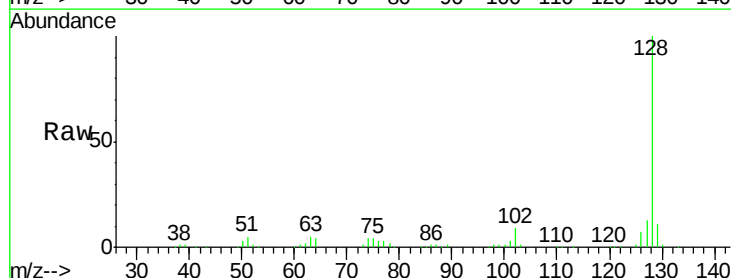


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

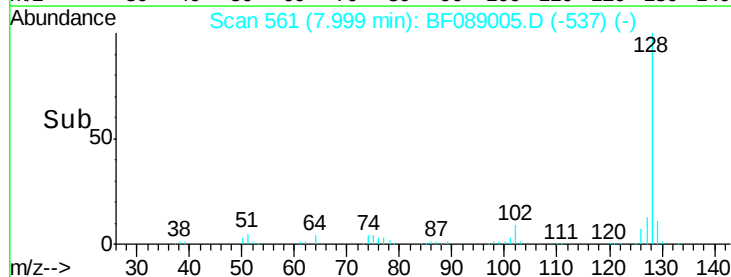
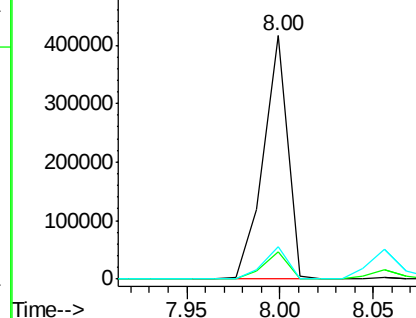


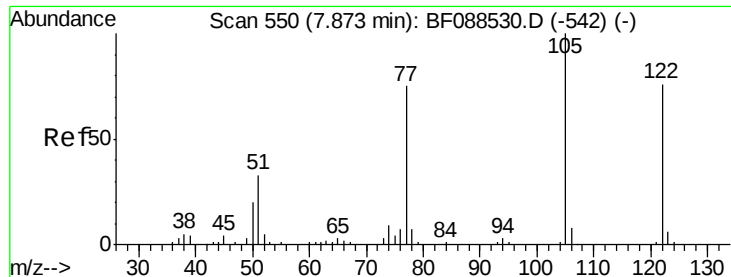
#31
 Naphthalene
 Concen: 38.33 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:128 Resp: 371647
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.4 14.2
 127 13.4 10.9 16.3



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





#32

Benzoic acid

Concen: 45.97 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.16 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

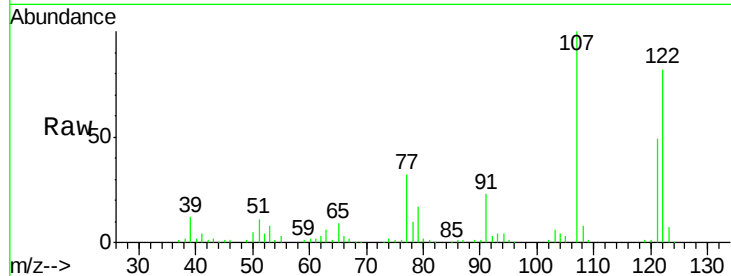
Tgt Ion:122 Resp: 107889

Ion Ratio Lower Upper

122 100

105 4.0 101.6 141.6#

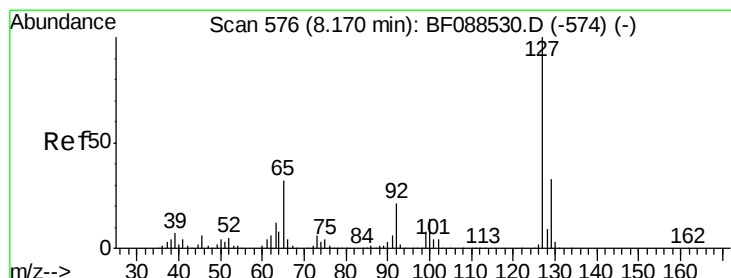
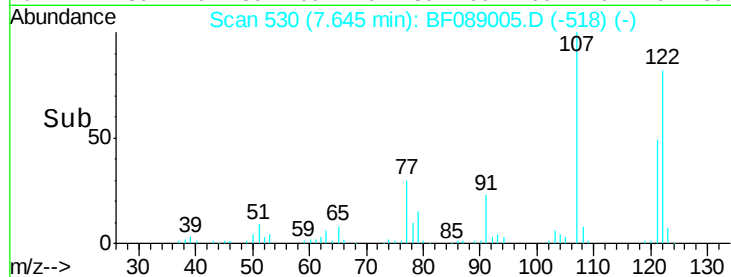
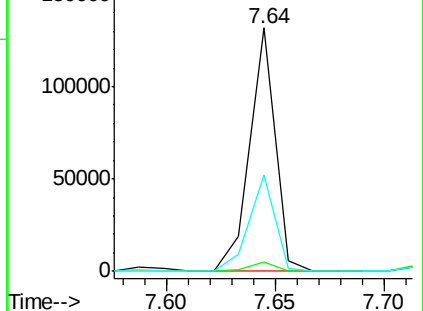
77 39.4 70.6 110.6#



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: 14.40 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Tgt Ion:127 Resp: 62121

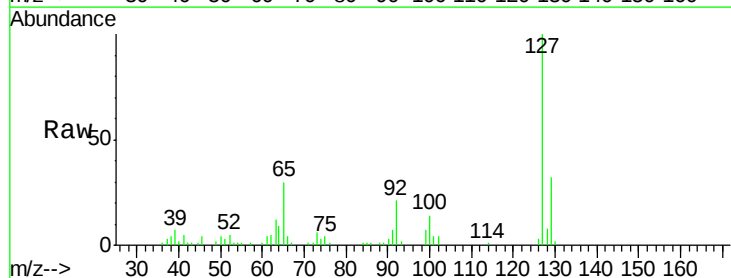
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 30.1 24.7 37.1

92 21.0 15.4 23.0

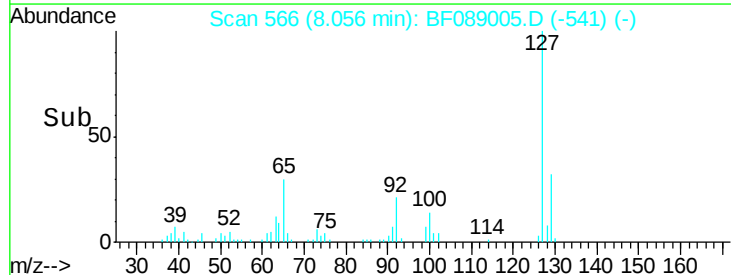
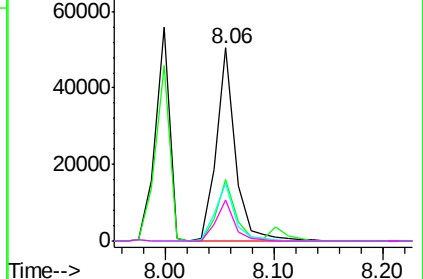


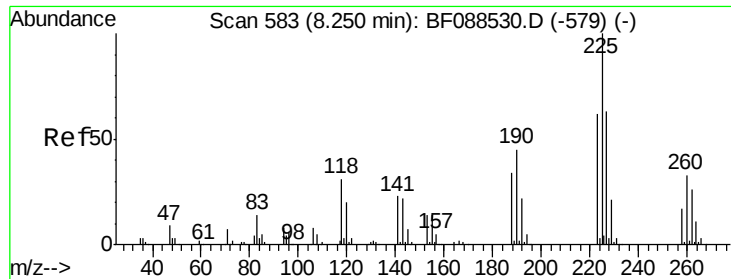
Abundance Ion 127.00 (126.70 to 127.70): E

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

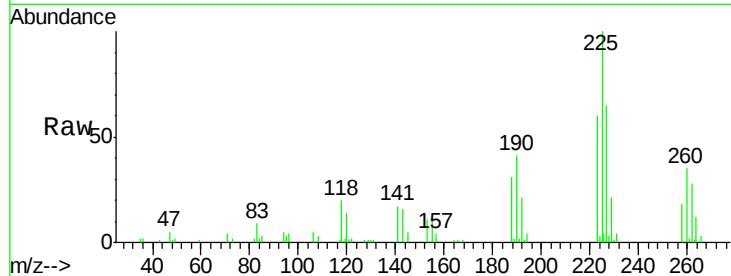




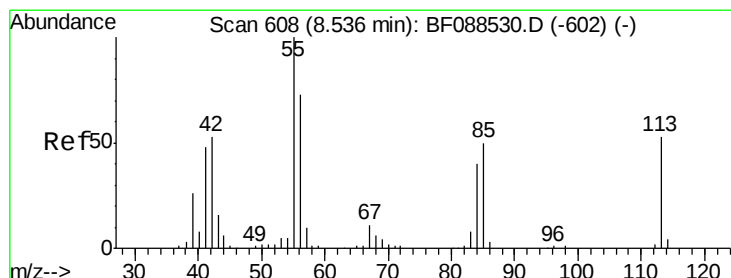
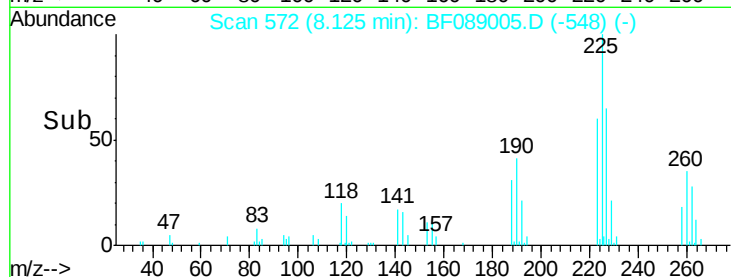
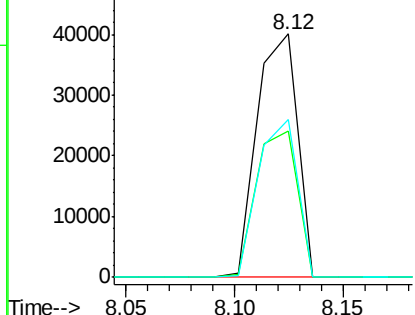
#34
Hexachlorobutadiene
Concen: 33.93 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

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

Tgt Ion: 225 Resp: 52082
Ion Ratio Lower Upper
225 100
223 60.1 50.9 76.3
227 64.8 51.9 77.9

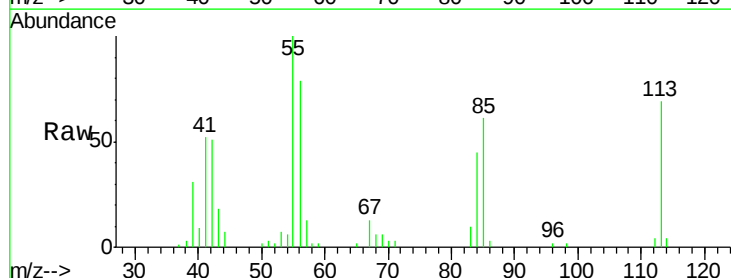


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

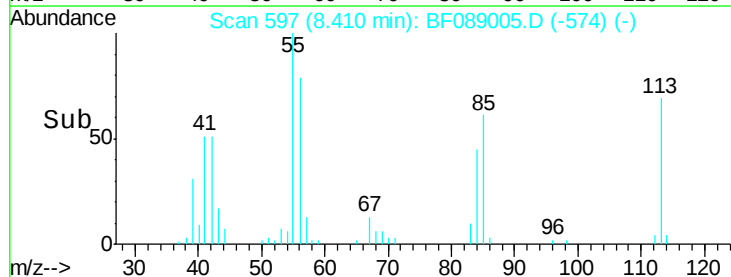
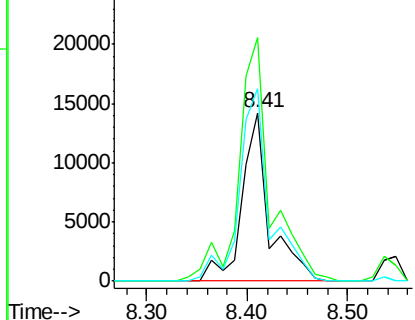


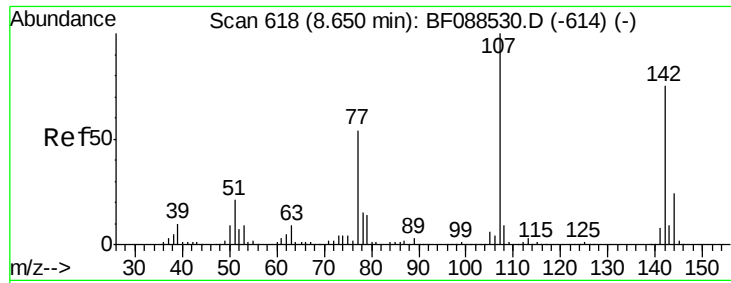
#35
Caprolactam
Concen: 30.31 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion: 113 Resp: 26889
Ion Ratio Lower Upper
113 100
55 144.8 158.6 198.6#
56 114.8 110.6 150.6



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

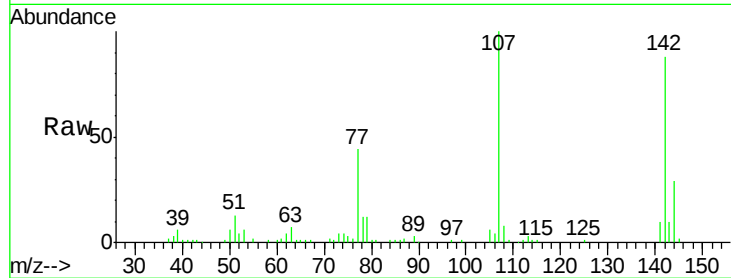




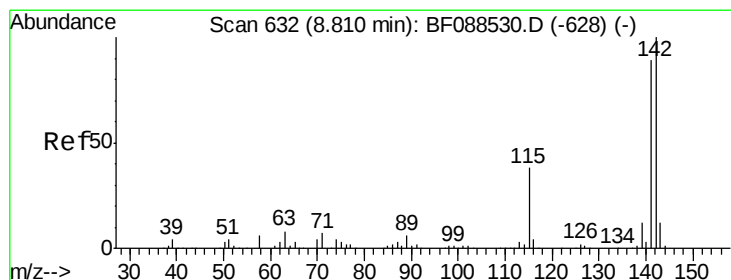
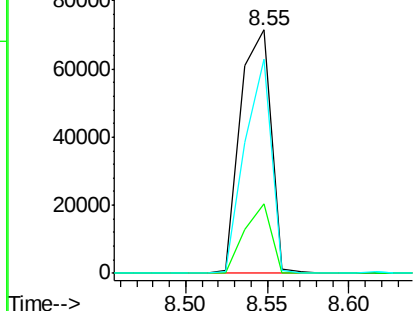
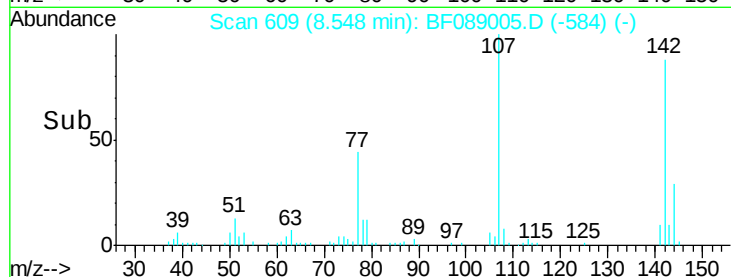
#36
 4-Chloro-3-methylphenol
 Concen: 29.95 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

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

Tgt Ion:107 Resp: 92520
 Ion Ratio Lower Upper
 107 100
 144 28.8 20.8 31.2
 142 88.1 63.4 95.2

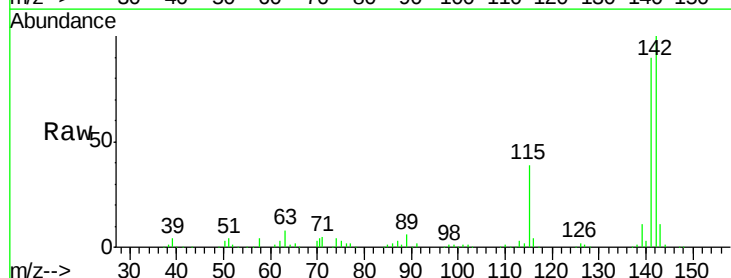


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

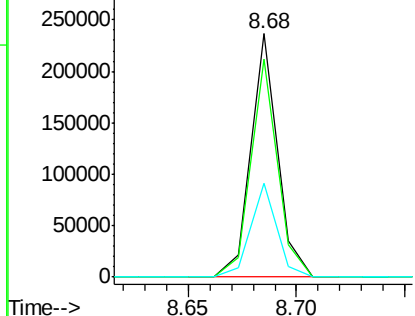
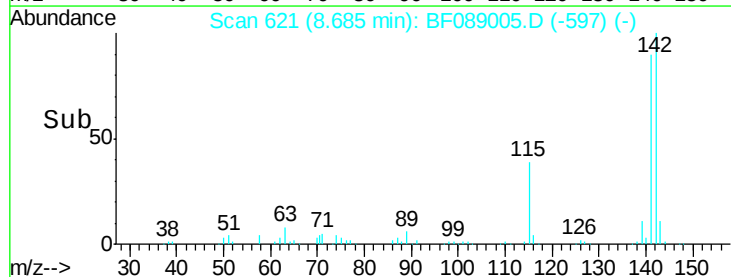


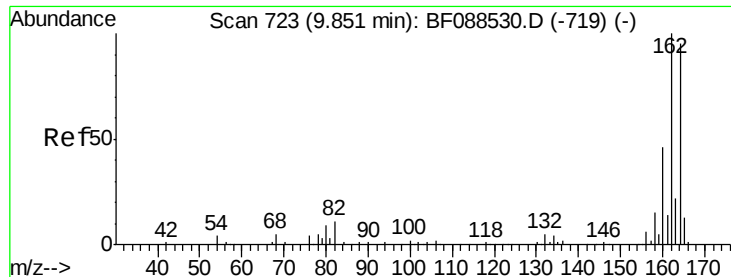
#37
 2-Methylnaphthalene
 Concen: 32.12 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:142 Resp: 200565
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 38.8 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

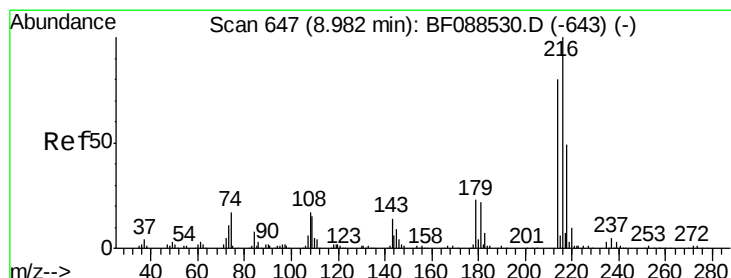
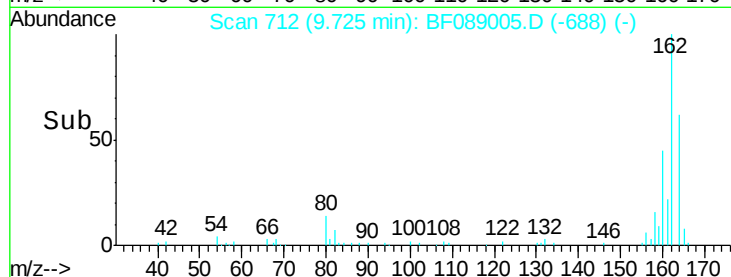
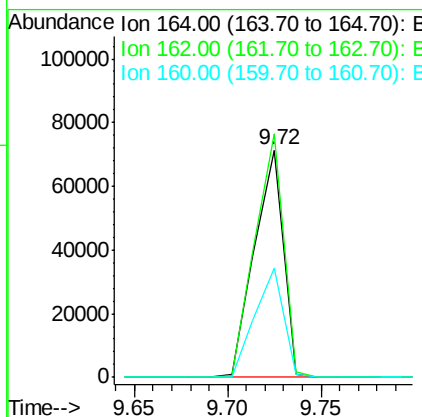
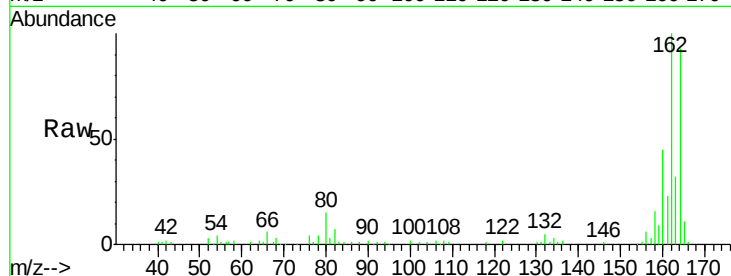




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

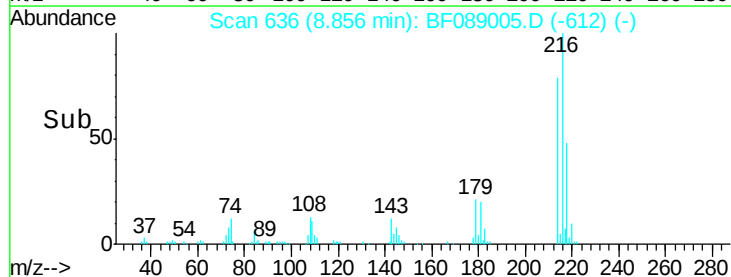
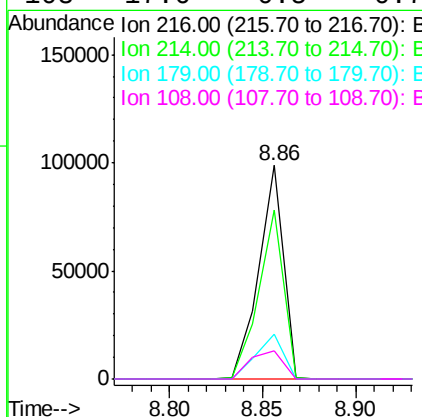
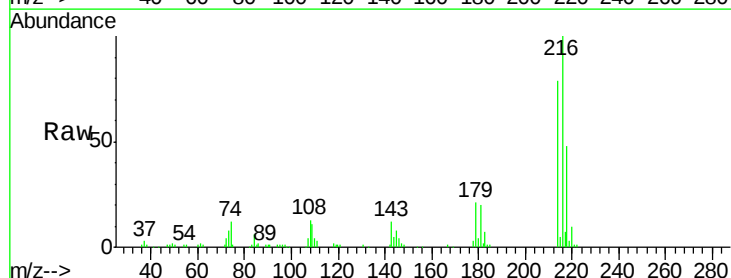
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

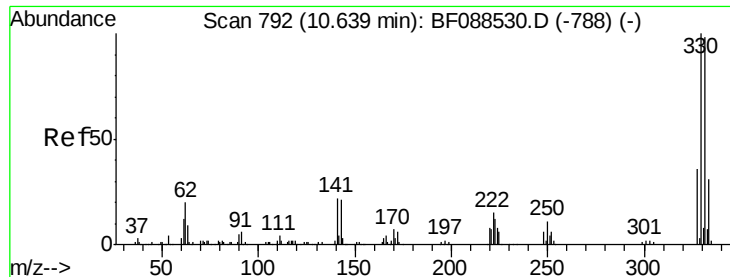
Tgt Ion:164 Resp: 76226
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.4 128.2
 160 48.3 39.5 59.3



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.60 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:216 Resp: 90253
 Ion Ratio Lower Upper
 216 100
 214 79.8 2.9 4.3#
 179 22.8 0.0 0.0#
 108 17.6 0.5 0.7#

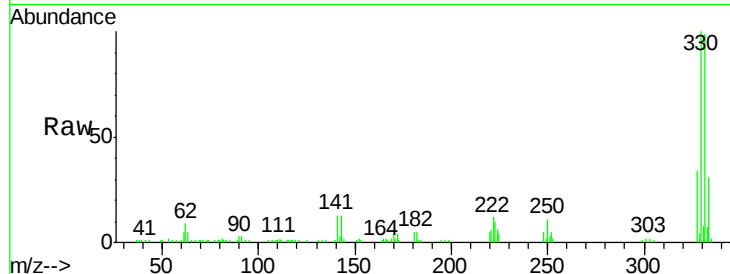




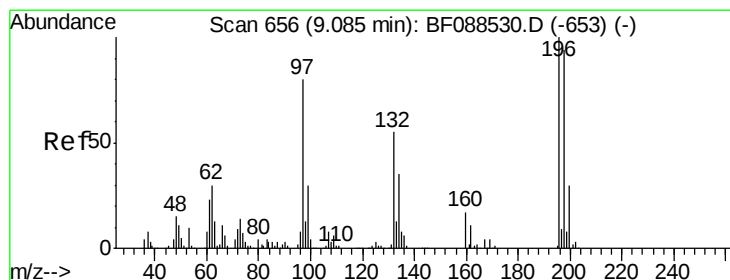
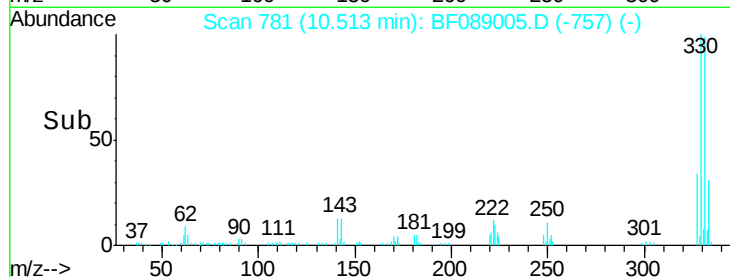
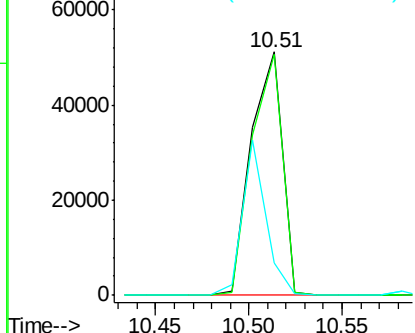
#41
 2,4,6-Tribromophenol
 Concen: 85.56 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

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

Tgt Ion:330 Resp: 60564
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 47.7 0.0 0.0#

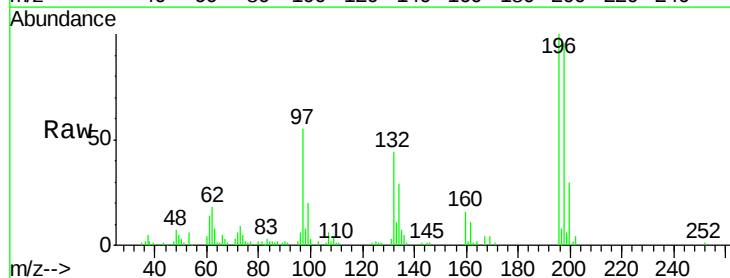


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

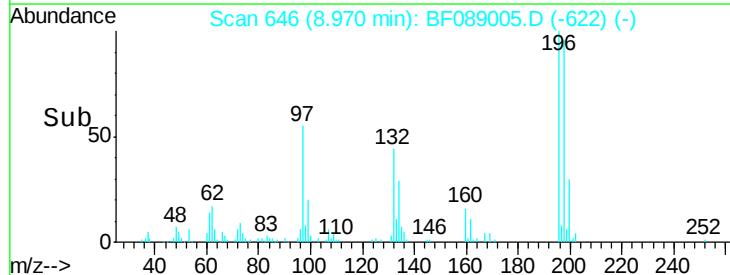
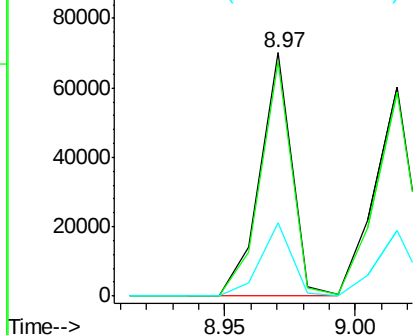


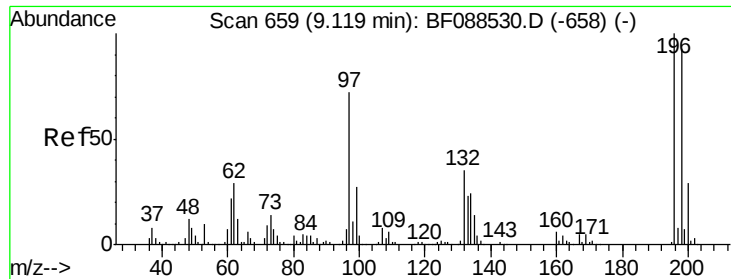
#42
 2,4,6-Trichlorophenol
 Concen: 35.84 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:196 Resp: 59913
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.0 117.0
 200 30.1 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

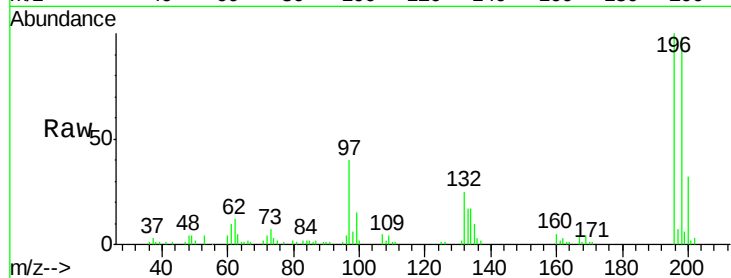




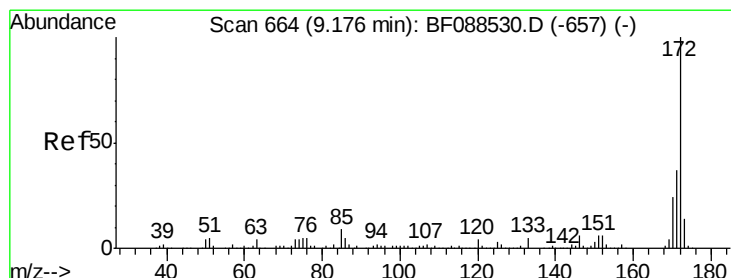
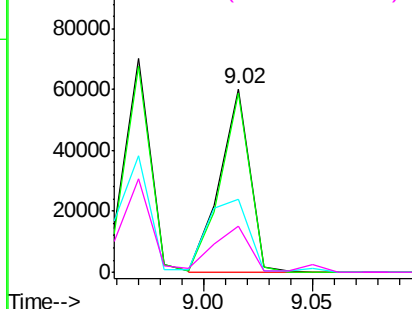
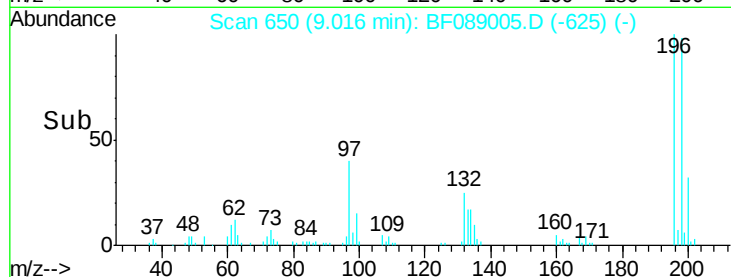
#43
 2,4,5-Trichlorophenol
 Concen: 40.01 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

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

Tgt Ion:196 Resp: 57538
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.5 116.3
 97 39.8 32.0 48.0
 132 24.8 20.9 31.3

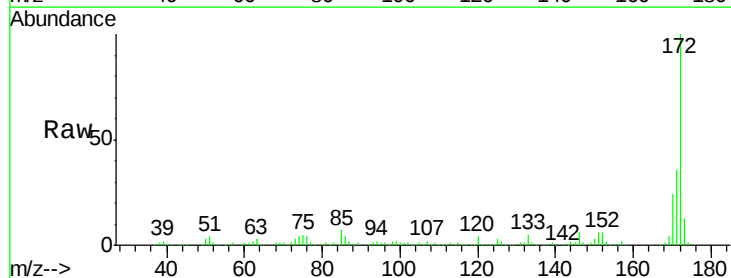


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

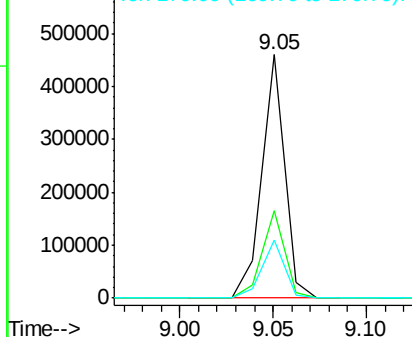
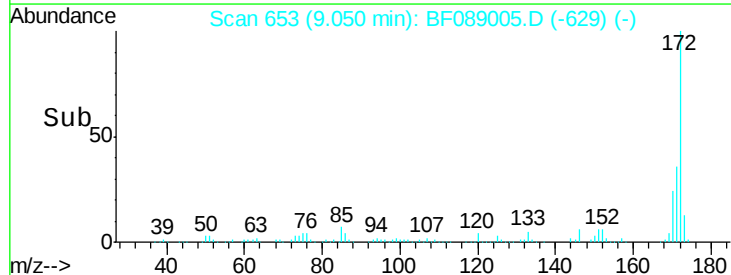


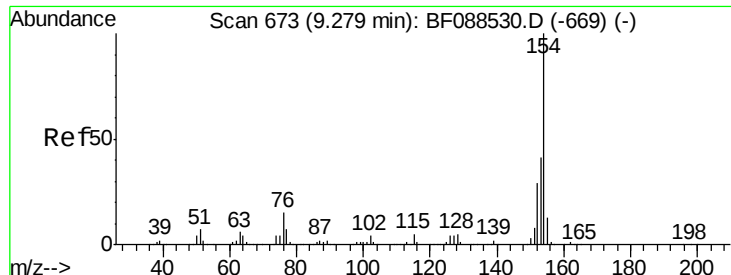
#44
 2-Fluorobiphenyl
 Concen: 79.79 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:172 Resp: 385061
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

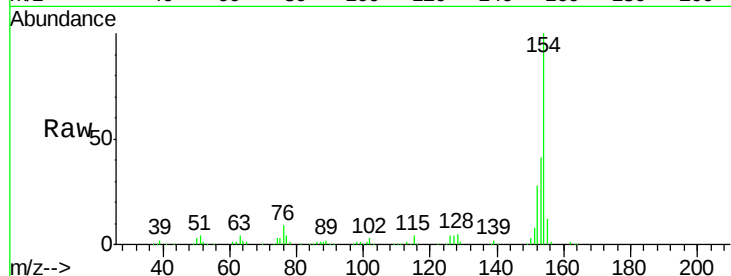




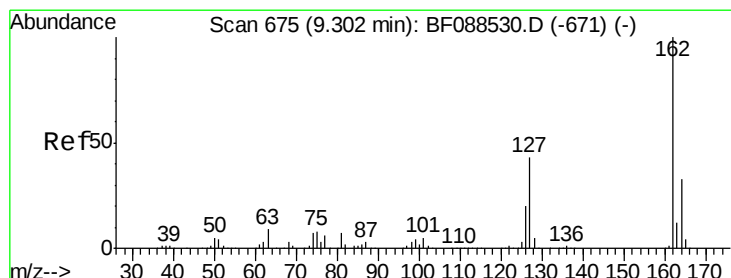
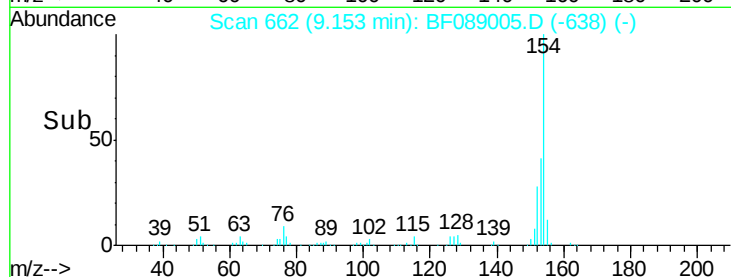
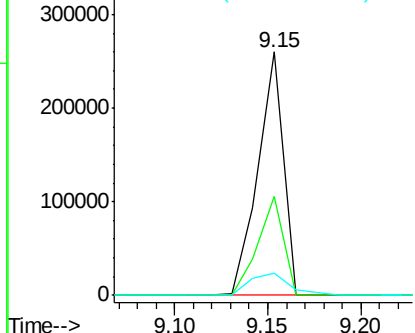
#45
 1,1'-Biphenyl
 Concen: 38.79 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

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

Tgt Ion:154 Resp: 244872
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 9.0 0.0 35.1

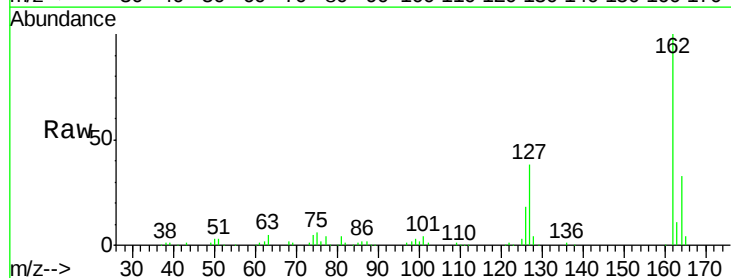


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

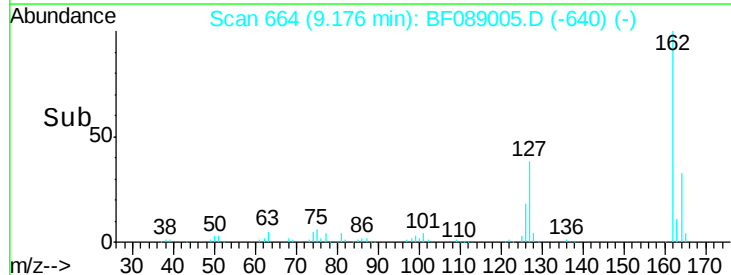
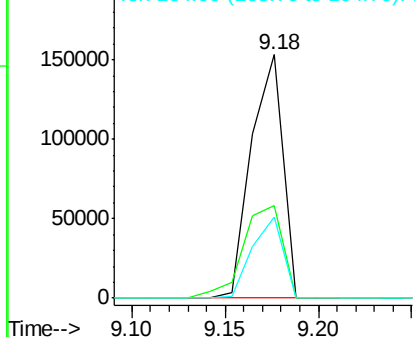


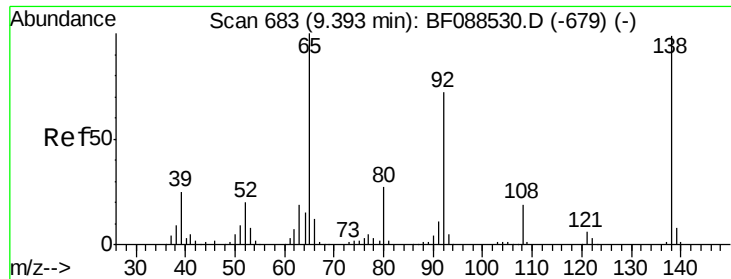
#46
 2-Chloronaphthalene
 Concen: 36.15 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:162 Resp: 179152
 Ion Ratio Lower Upper
 162 100
 127 38.0 35.2 52.8
 164 33.4 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

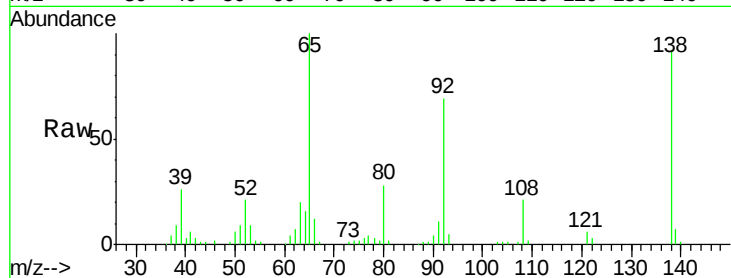




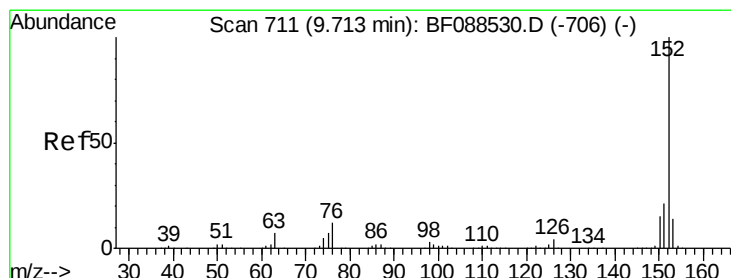
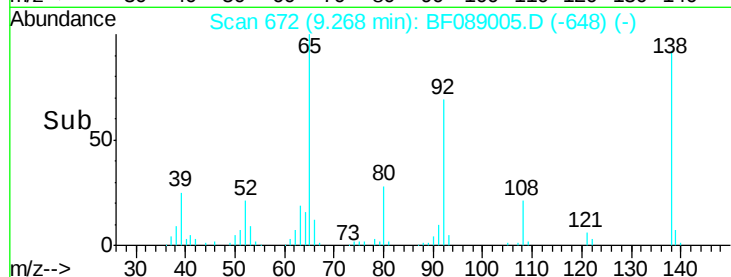
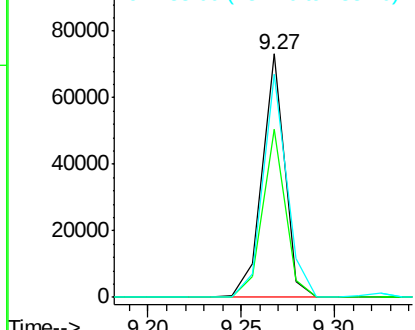
#47
2-Nitroaniline
Concen: 34.56 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

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

Tgt Ion: 65 Resp: 60770
Ion Ratio Lower Upper
65 100
92 69.2 54.6 82.0
138 91.8 77.0 115.4

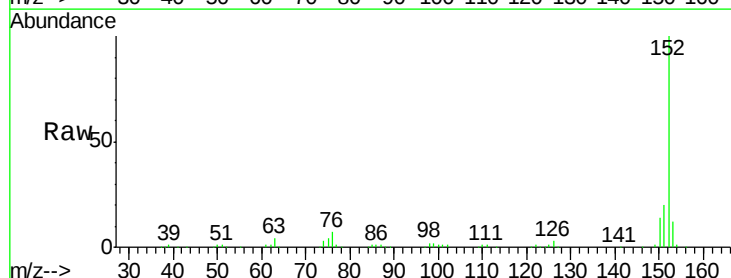


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

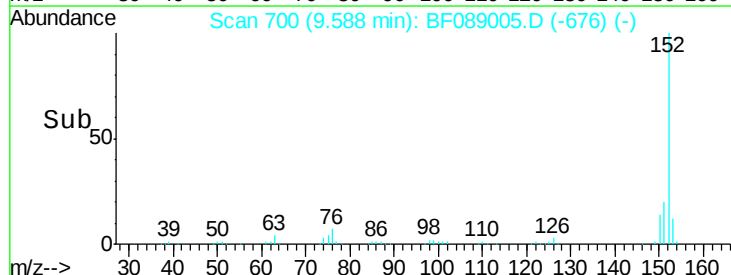
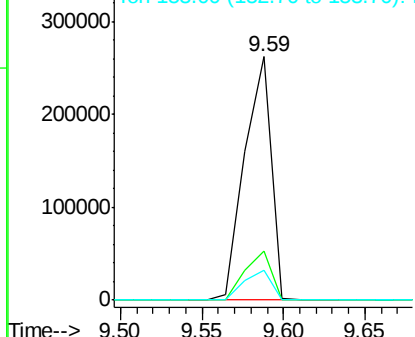


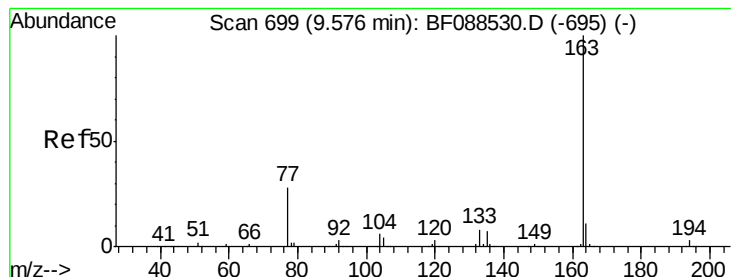
#48
Acenaphthylene
Concen: 37.50 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion: 152 Resp: 295667
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 46.77 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

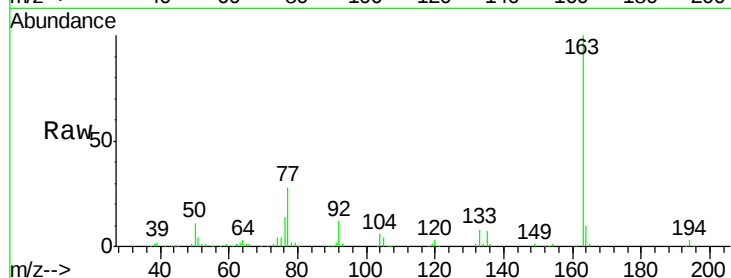
Tgt Ion:163 Resp: 254015

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

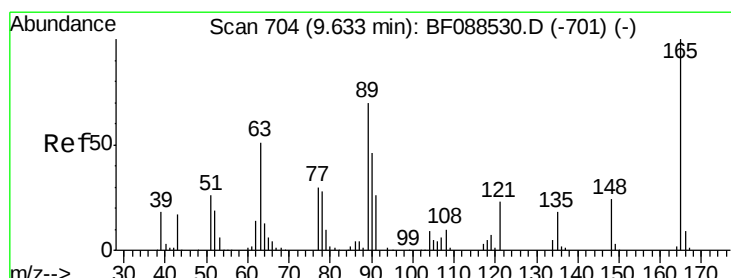
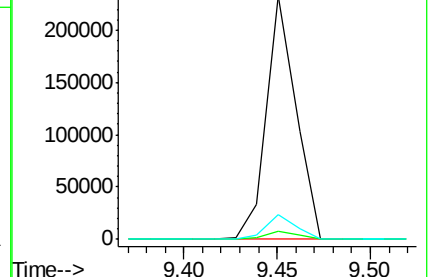
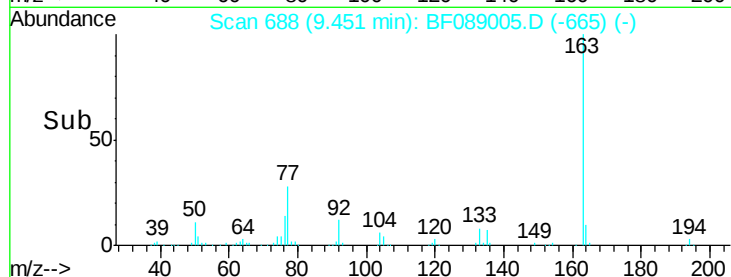
164 10.3 8.3 12.5



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: 31.23 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

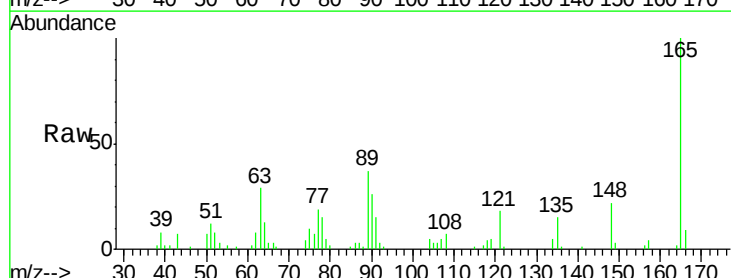
Tgt Ion:165 Resp: 37590

Ion Ratio Lower Upper

165 100

63 28.6 28.1 42.1

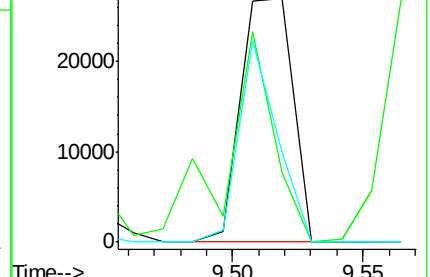
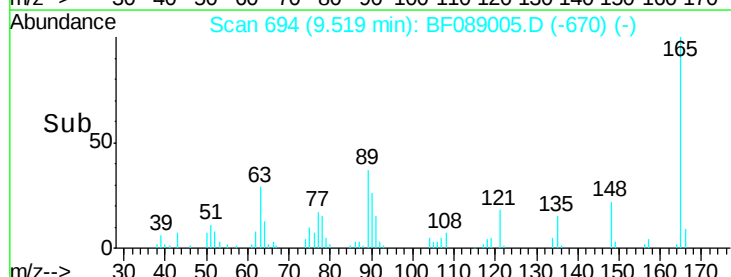
89 36.9 32.2 48.2

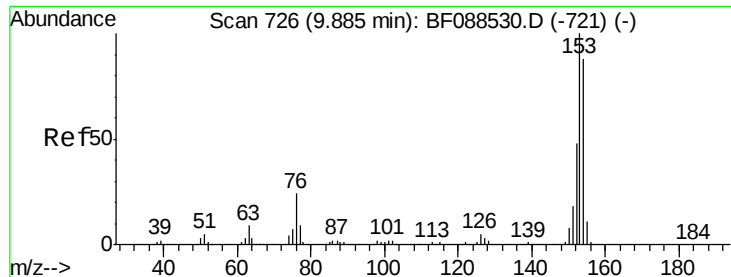


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.11 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

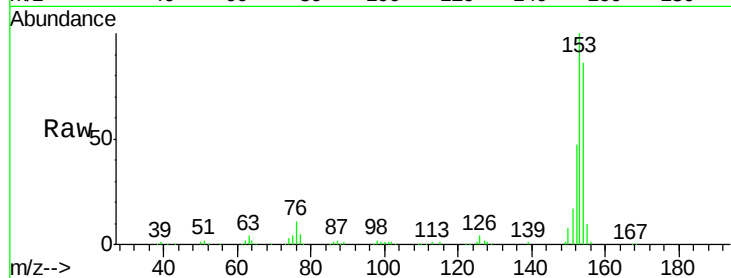
Tgt Ion:154 Resp: 164859

Ion Ratio Lower Upper

154 100

153 115.8 89.5 134.3

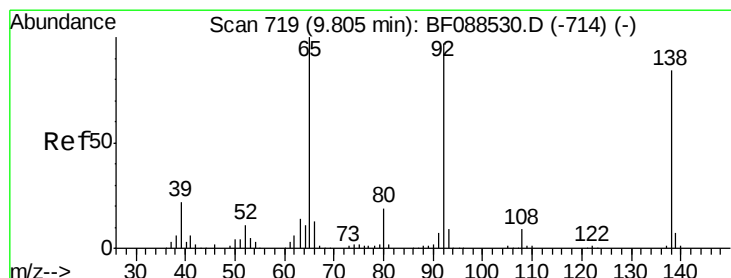
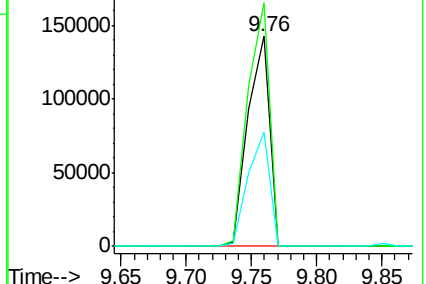
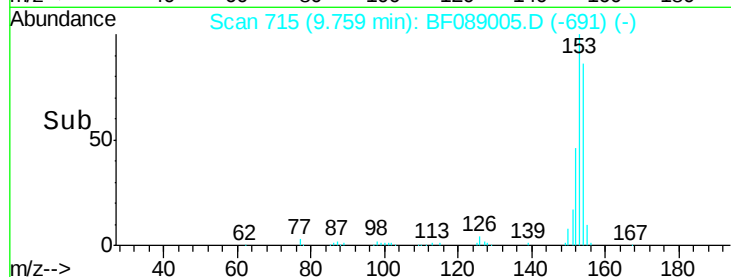
152 54.1 42.7 64.1



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: 29.76 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

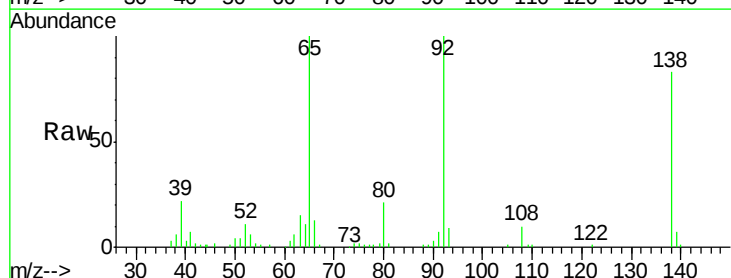
Tgt Ion:138 Resp: 45536

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

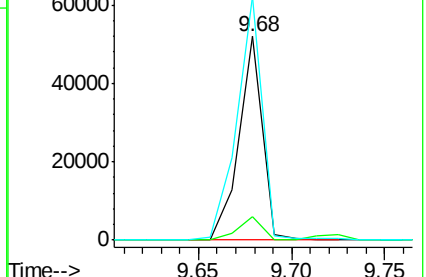
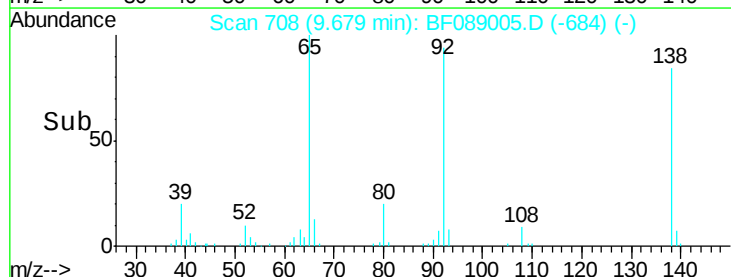
92 119.7 95.7 143.5

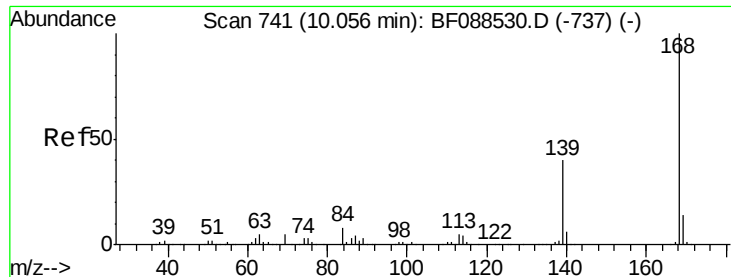


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

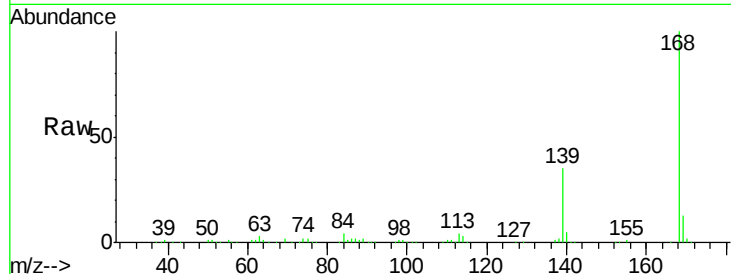




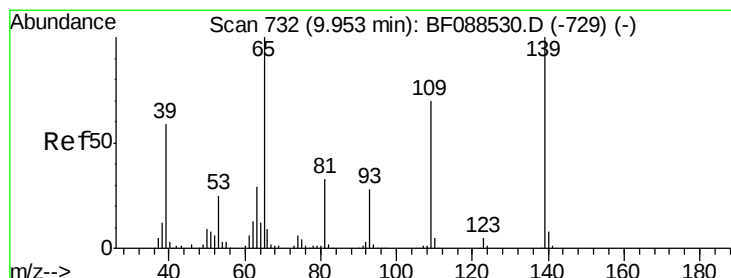
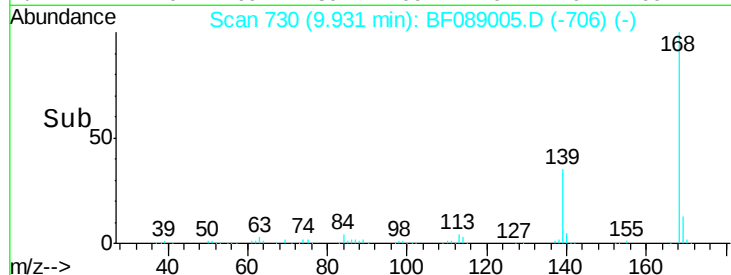
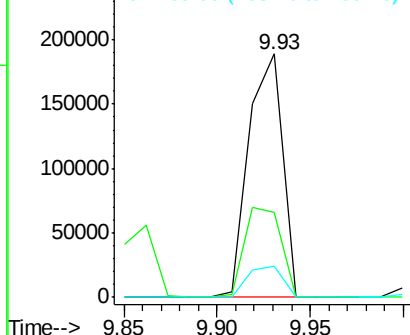
#54
Dibenzenofuran
Concen: 37.32 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

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

Tgt Ion:168 Resp: 236092
Ion Ratio Lower Upper
168 100
139 35.1 26.4 39.6
169 12.9 10.4 15.6

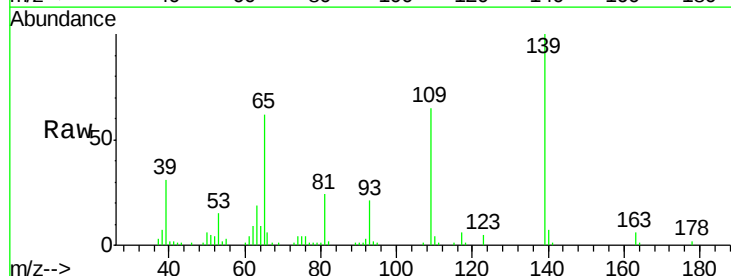


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

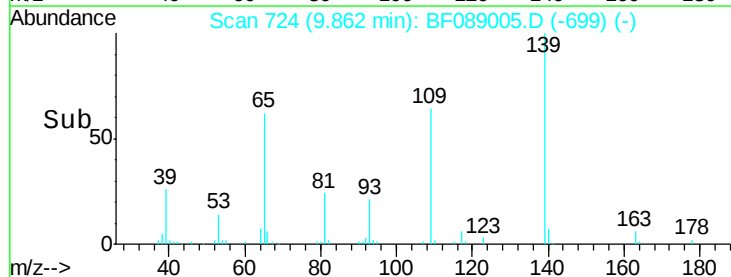
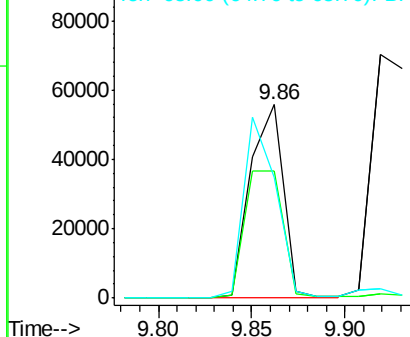


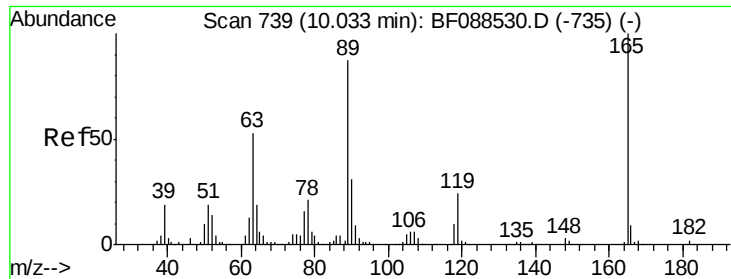
#55
4-Nitrophenol
Concen: 59.05 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:139 Resp: 68654
Ion Ratio Lower Upper
139 100
109 65.4 48.9 88.9
65 62.3 84.9 124.9#



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





#56

2,4-Dinitrotoluene

Concen: 31.10 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:165 Resp: 48939

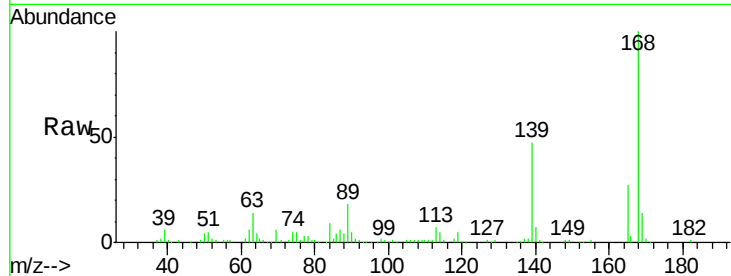
Ion Ratio Lower Upper

165 100

63 52.6 22.0 33.0#

89 63.9 41.1 61.7#

182 2.8 2.0 3.0

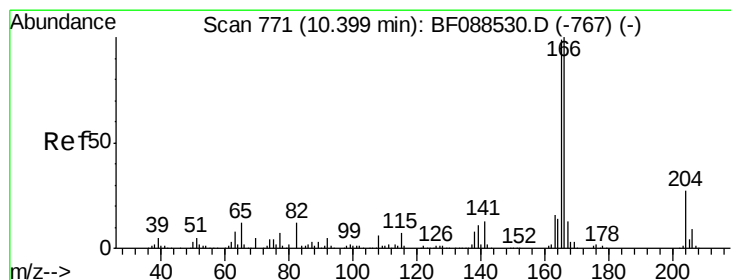
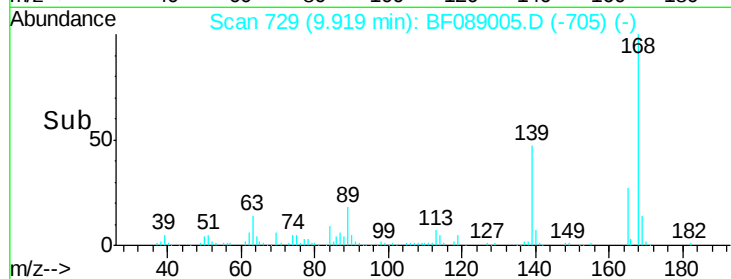
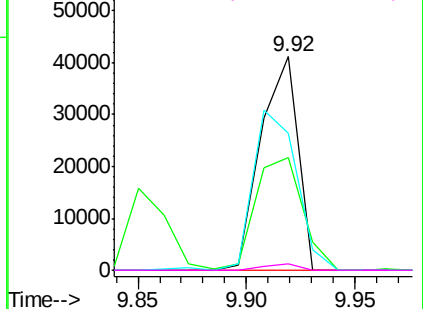


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.05 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

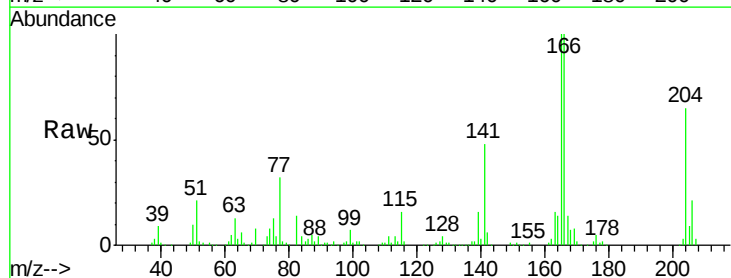
Tgt Ion:166 Resp: 175722

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

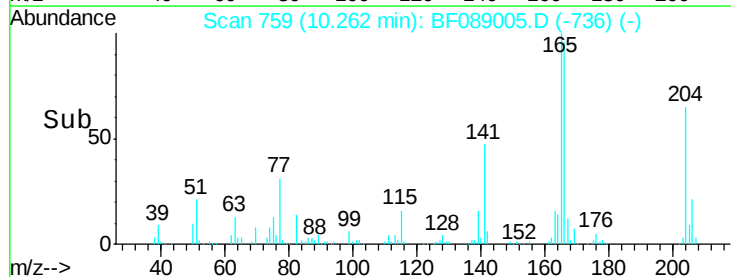
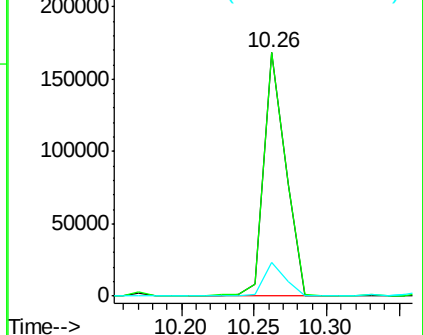
167 13.9 11.2 16.8

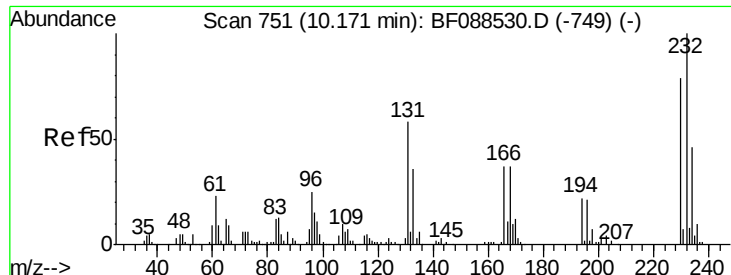


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

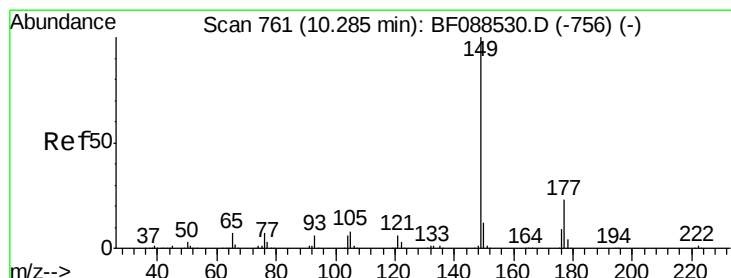
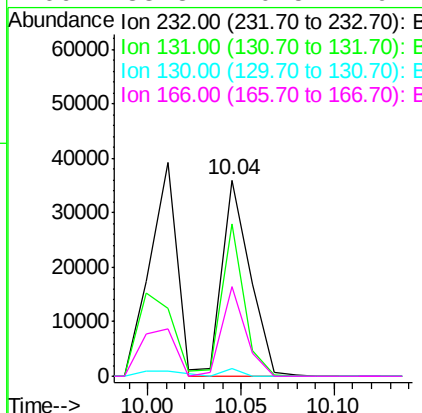
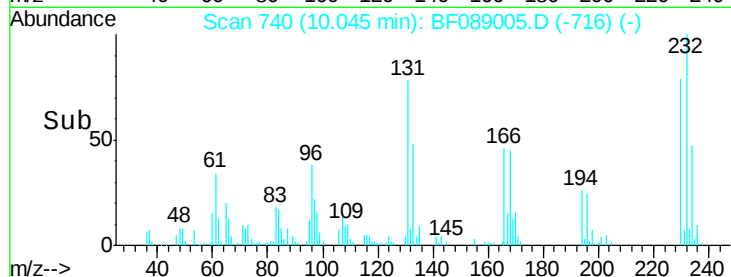
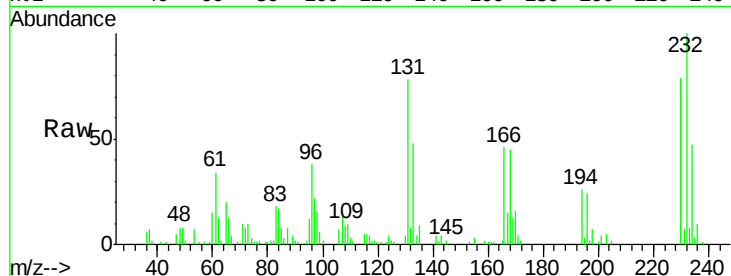




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.99 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

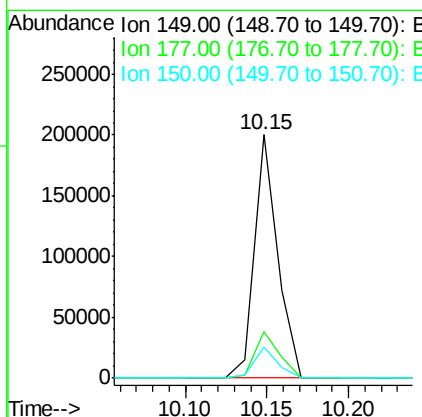
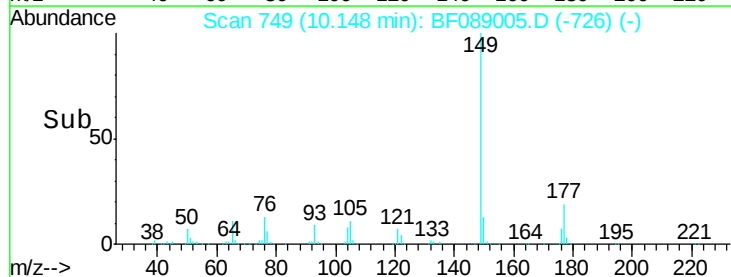
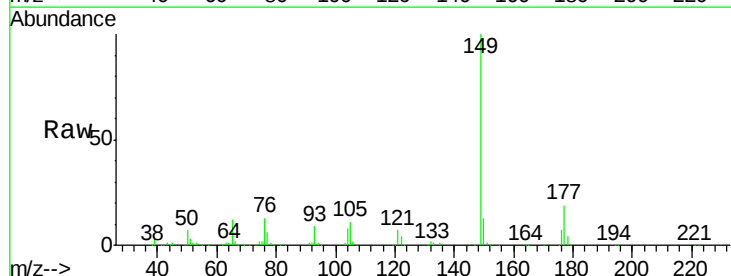
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

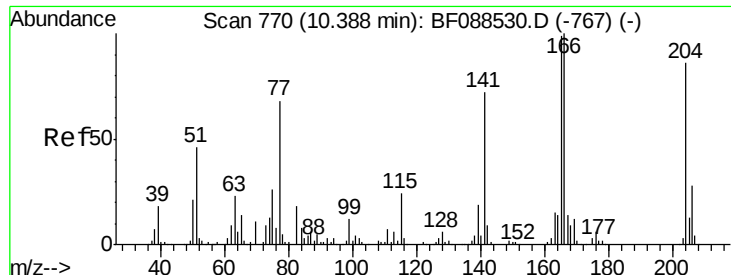
Tgt Ion: 232 Resp: 37816
 Ion Ratio Lower Upper
 232 100
 131 61.7 0.9 1.3#
 130 2.5 1.5 2.3#
 166 38.8 0.5 0.7#



#59
 Diethylphthalate
 Concen: 36.32 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion: 149 Resp: 197919
 Ion Ratio Lower Upper
 149 100
 177 18.9 16.9 25.3
 150 12.6 10.1 15.1

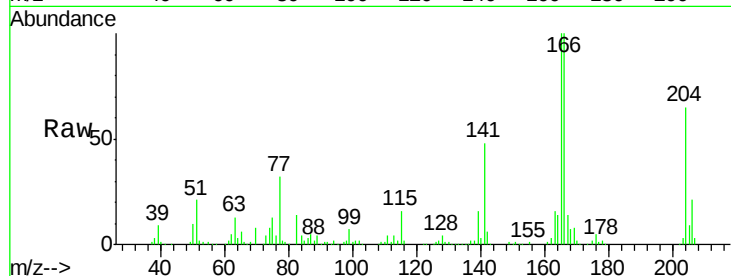




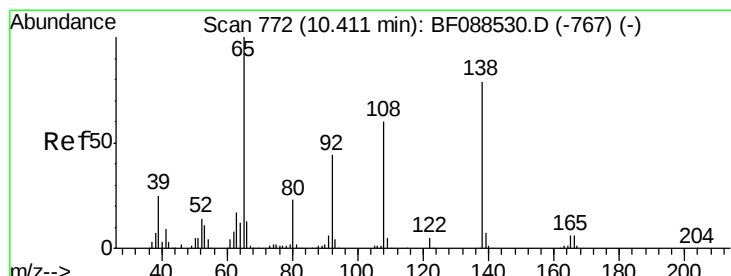
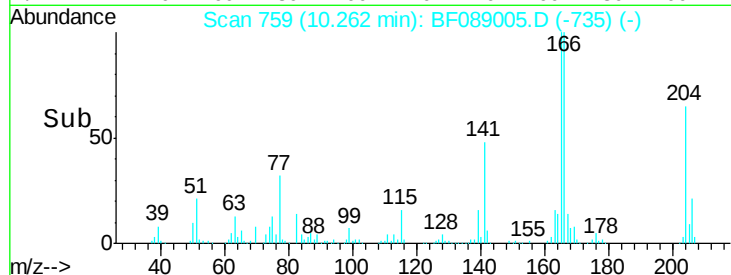
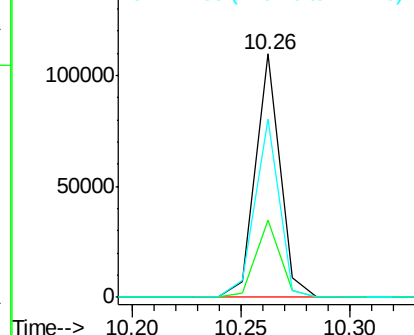
#60
 4-Chlorophenyl-phenylether
 Concen: 37.93 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

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

Tgt Ion:204 Resp: 85912
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.3 39.5
 141 73.3 55.0 82.6

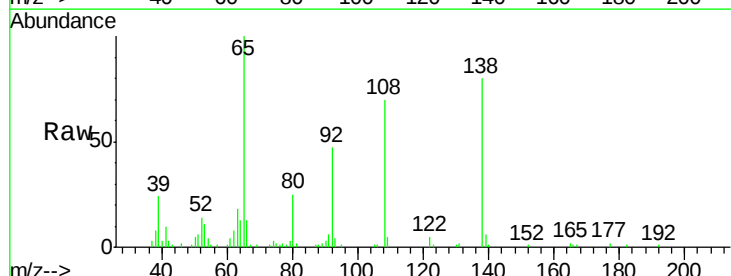


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

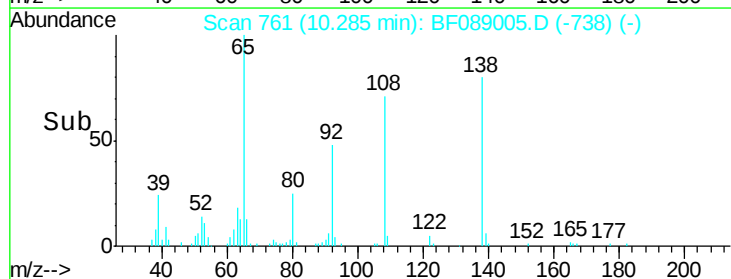
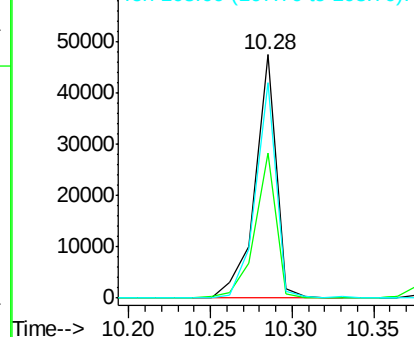


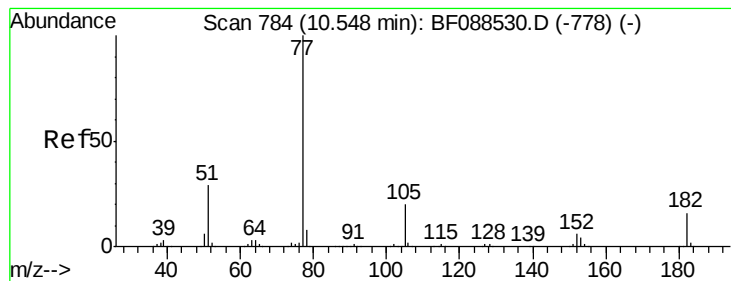
#61
 4-Nitroaniline
 Concen: 29.33 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:138 Resp: 43184
 Ion Ratio Lower Upper
 138 100
 92 59.4 27.3 67.3
 108 88.4 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: 36.93 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion: 77 Resp: 229584

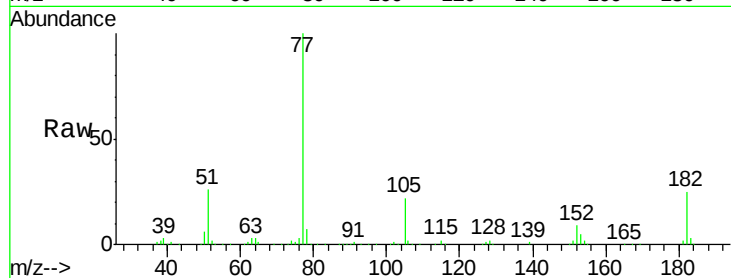
Ion Ratio Lower Upper

77 100

182 25.3 4.4 44.4

105 22.1 3.8 43.8

51 26.2 9.3 49.3

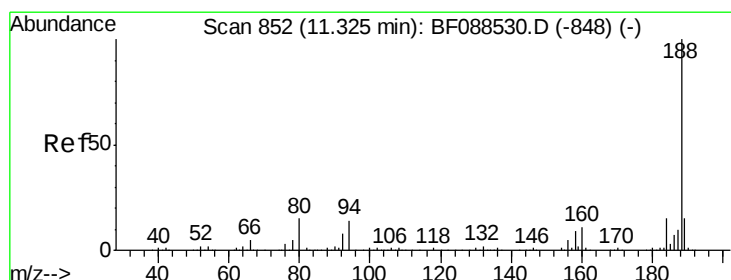
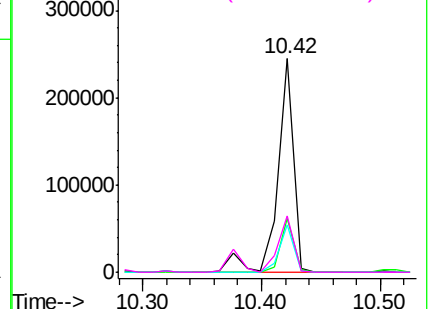
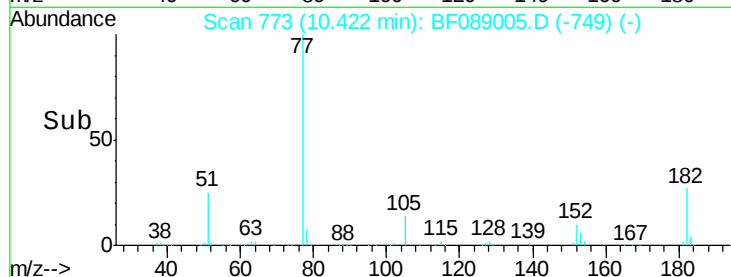


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF089005.D

Acq: 15 Jul 2016 00:51

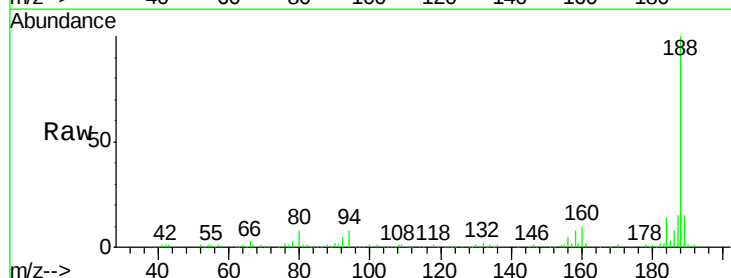
Tgt Ion: 188 Resp: 130343

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.6#

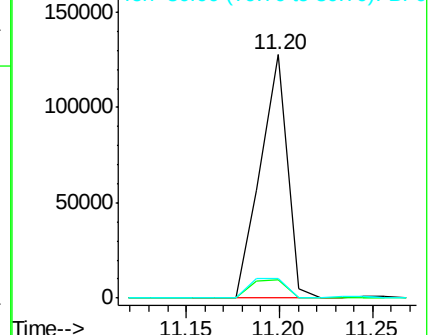
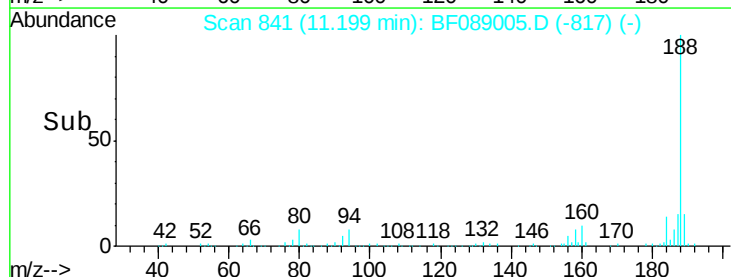
80 8.1 10.0 15.0#

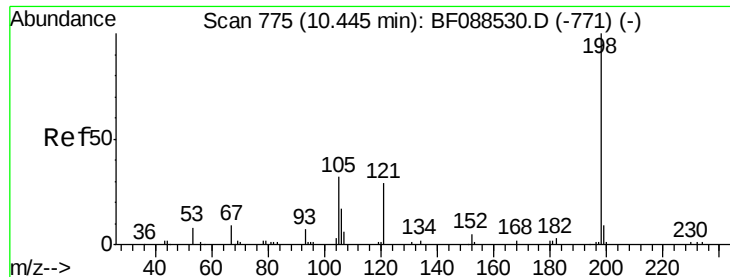


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.57 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

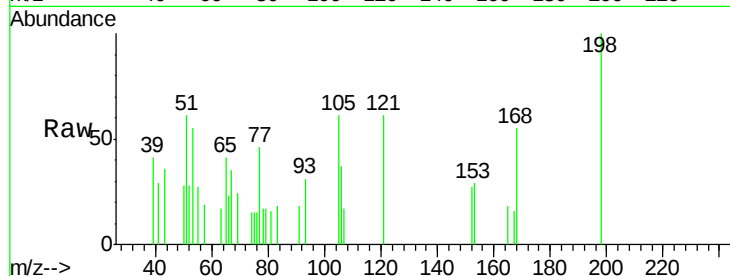
Tgt Ion:198 Resp: 1795

Ion Ratio Lower Upper

198 100

51 61.1 39.6 79.6

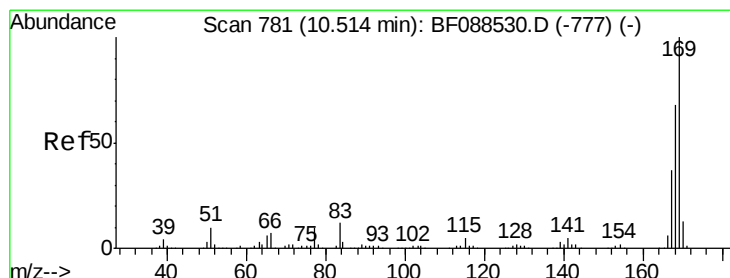
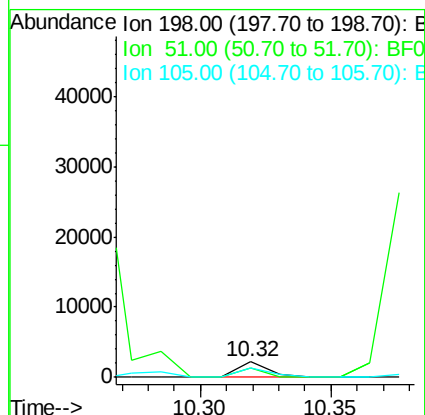
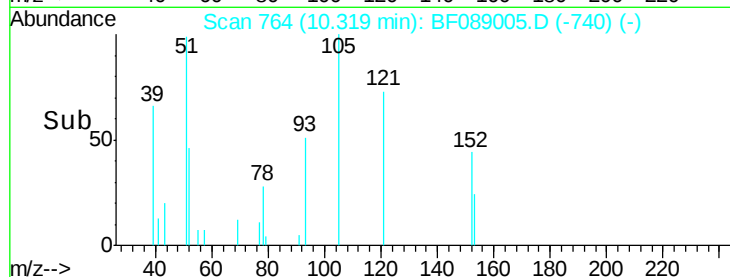
105 61.5 36.6 76.6



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: 34.19 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

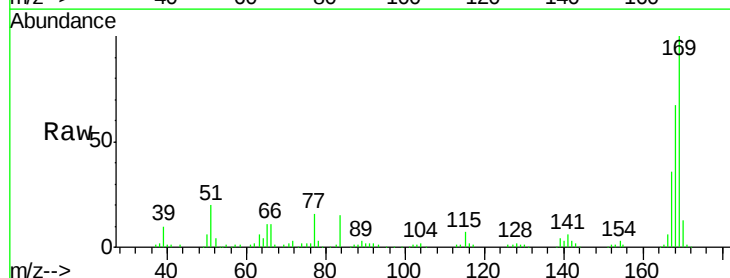
Tgt Ion:169 Resp: 150829

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.0

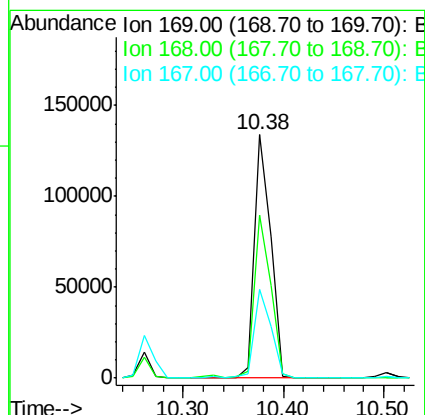
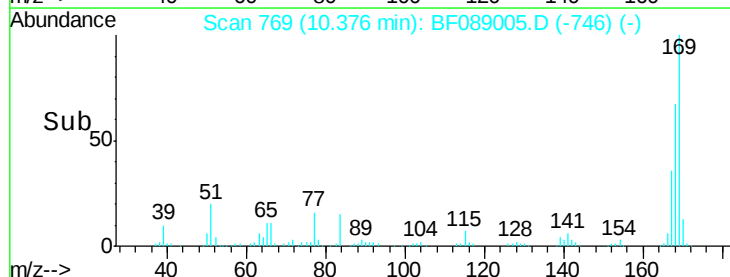
167 36.3 29.4 44.0

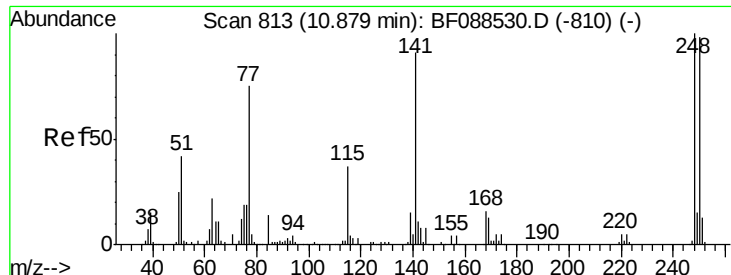


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

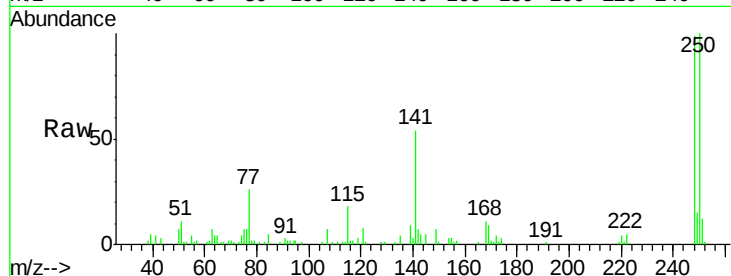




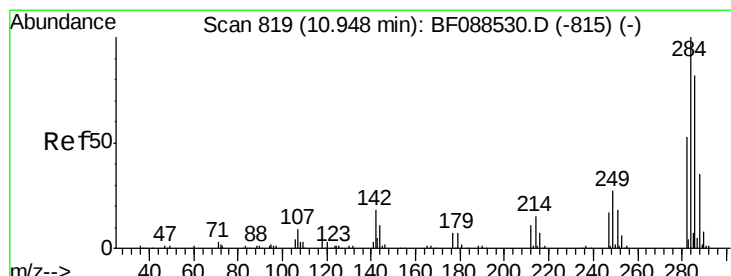
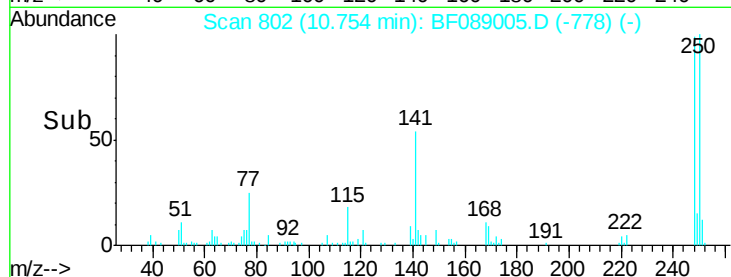
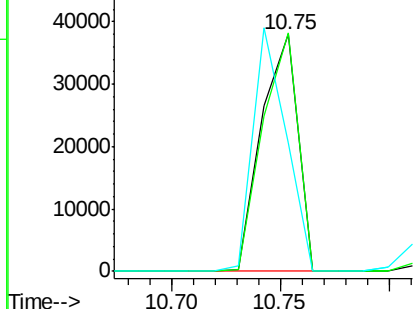
#66
4-Bromophenyl-phenylether
Concen: 33.81 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

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

Tgt Ion:248 Resp: 44404
Ion Ratio Lower Upper
248 100
250 101.0 77.1 115.7
141 54.2 50.6 76.0

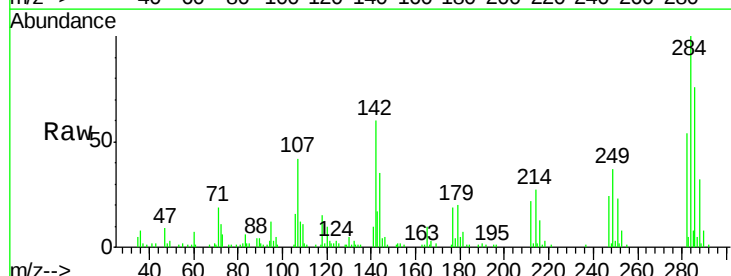


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

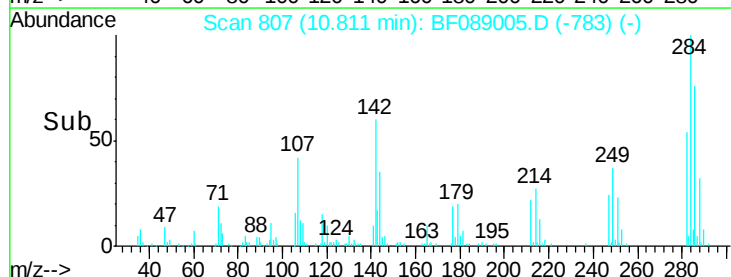
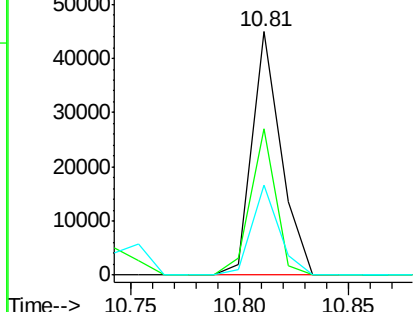


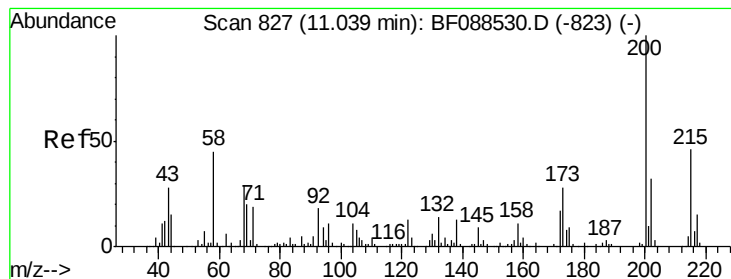
#67
Hexachlorobenzene
Concen: 28.54 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:284 Resp: 41503
Ion Ratio Lower Upper
284 100
142 60.0 35.8 53.8#
249 37.0 25.8 38.6



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





#68

Atrazine

Concen: 35.44 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

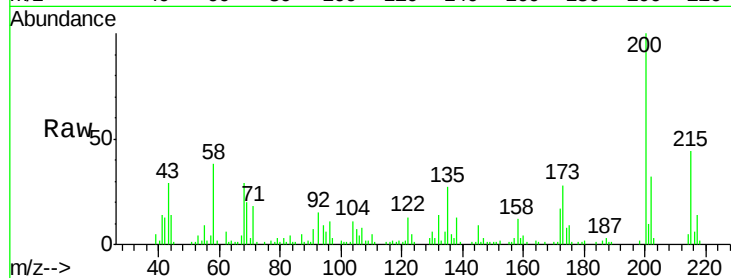
Tgt Ion:200 Resp: 48714

Ion Ratio Lower Upper

200 100

173 27.8 4.0 44.0

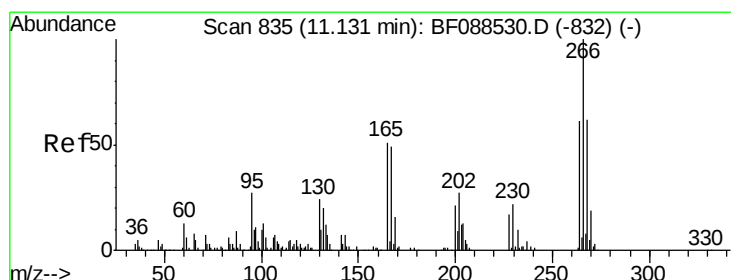
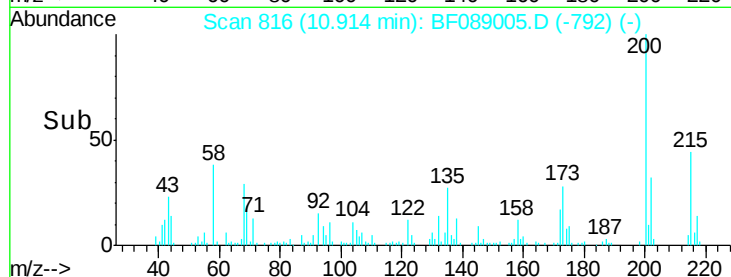
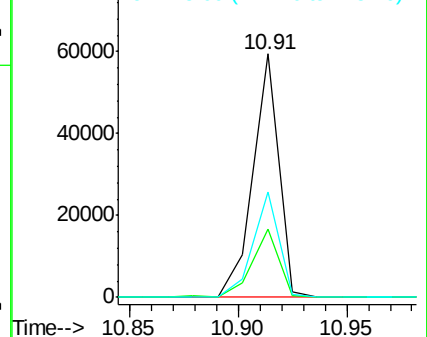
215 43.5 29.3 69.3



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: 55.07 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

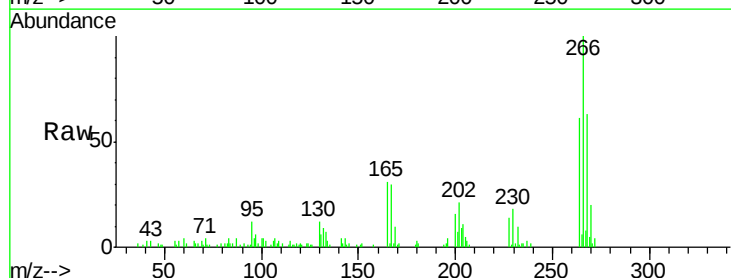
Tgt Ion:266 Resp: 47389

Ion Ratio Lower Upper

266 100

268 62.9 52.8 79.2

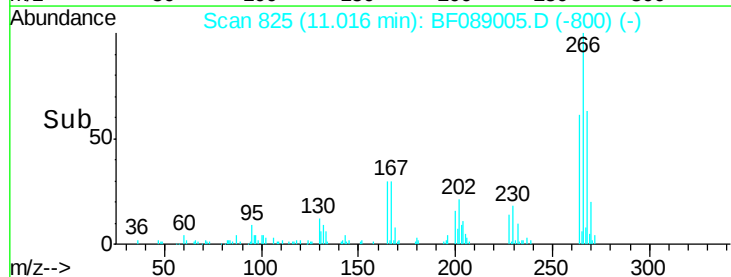
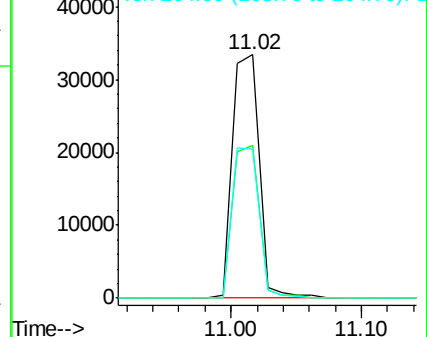
264 61.1 49.6 74.4

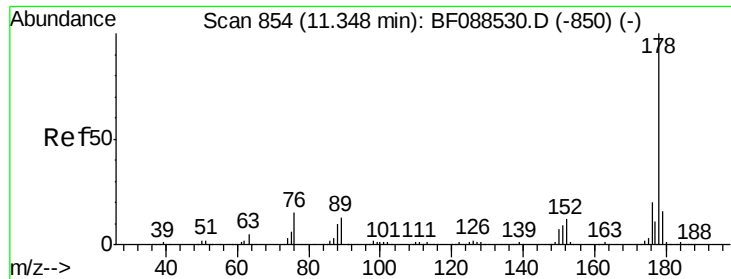


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

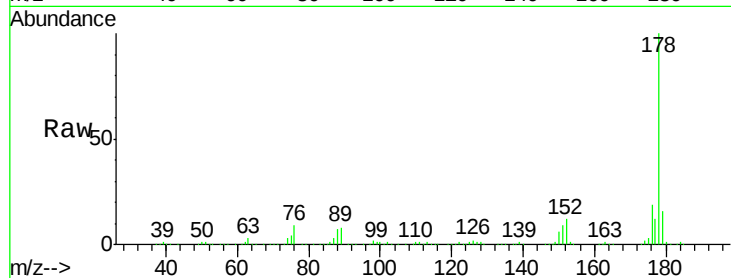




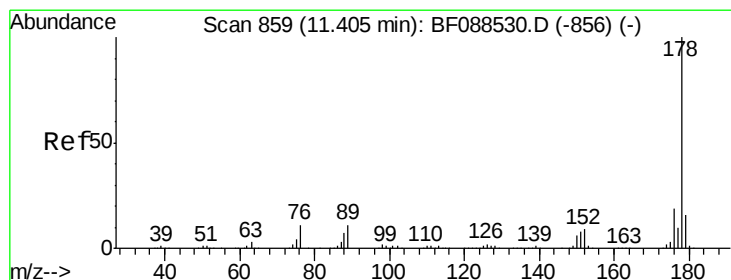
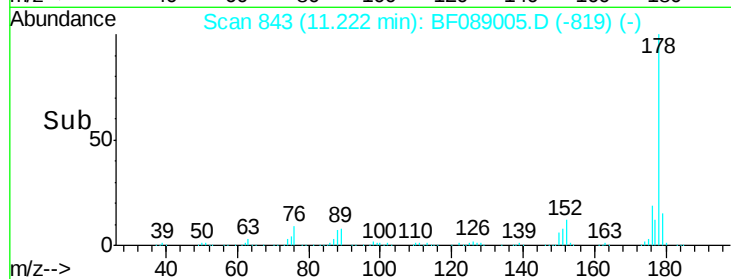
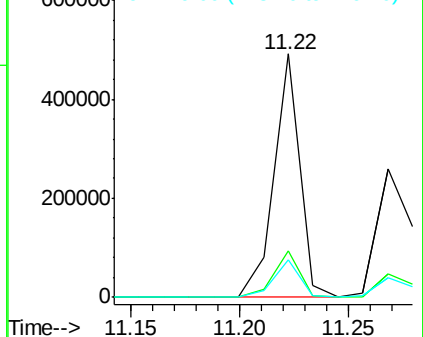
#70
Phenanthrene
Concen: 57.46 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

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

Tgt Ion:178 Resp: 409396
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.5 13.0 19.4

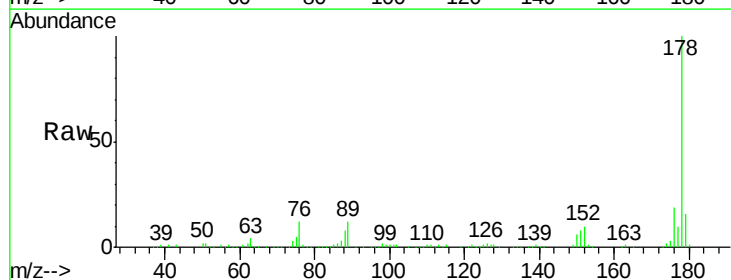


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

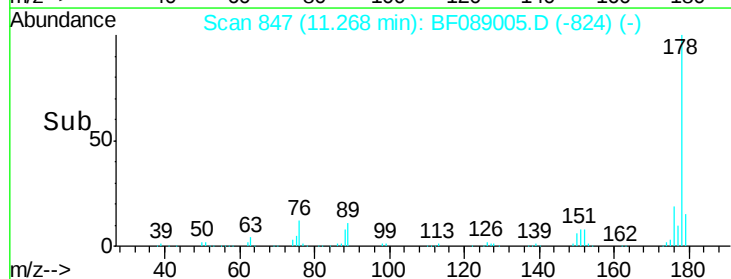
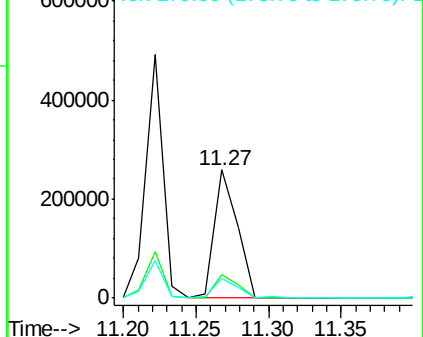


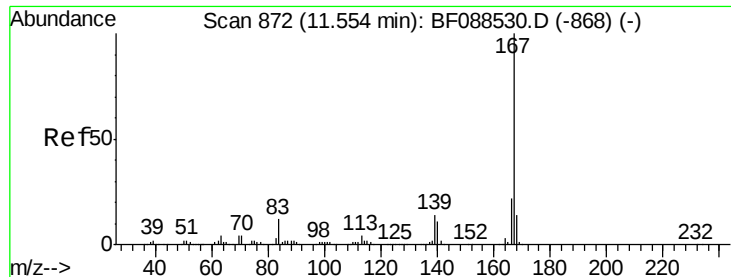
#71
Anthracene
Concen: 40.07 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.03 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:178 Resp: 283862
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.5 12.8 19.2



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





#72

Carbazole

Concen: 37.75 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

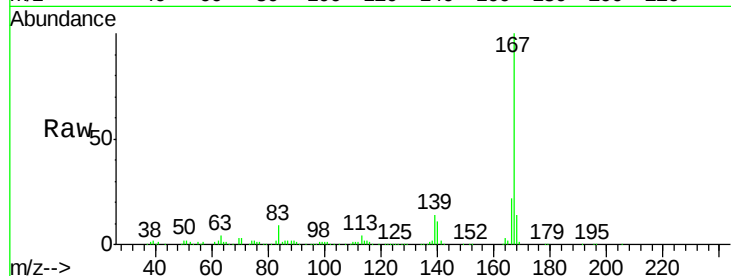
Tgt Ion:167 Resp: 251720

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

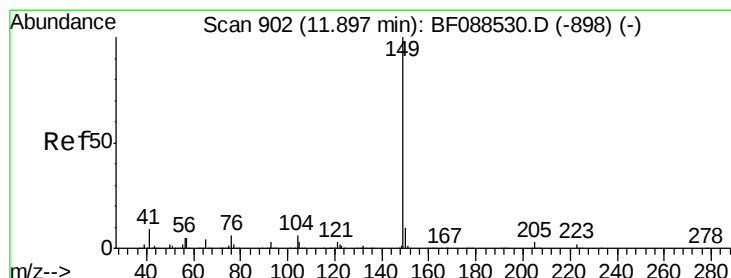
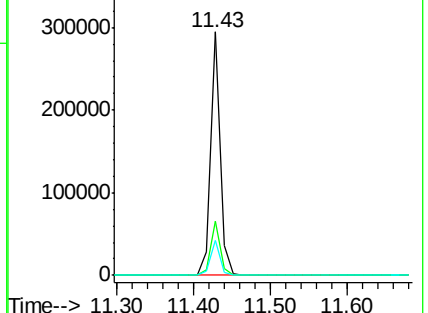
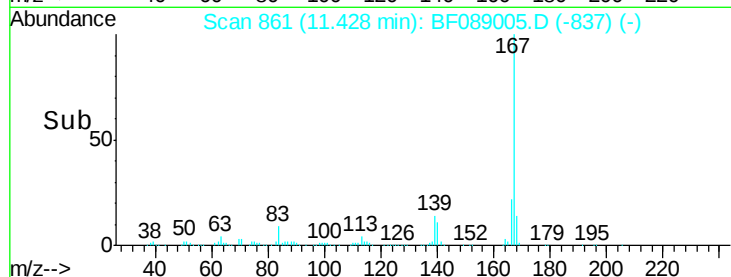
139 14.4 11.2 16.8



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: 42.03 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

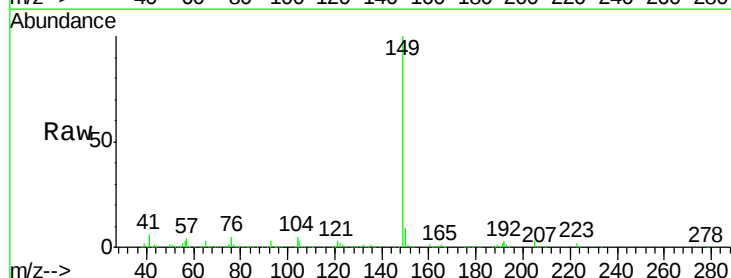
Tgt Ion:149 Resp: 326007

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

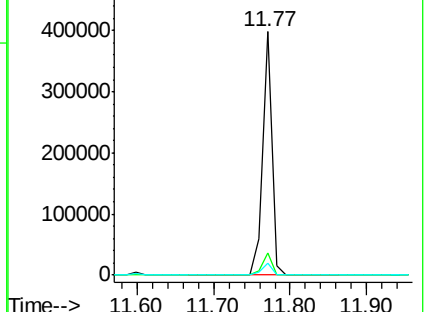
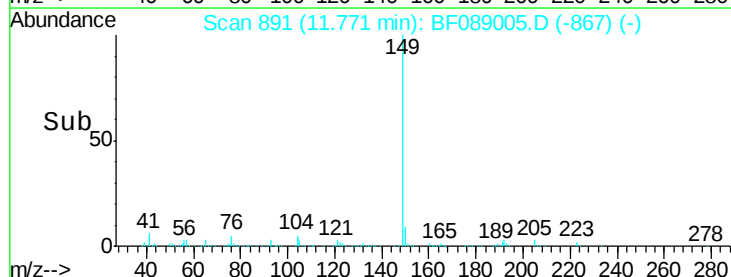
104 5.1 4.0 6.0

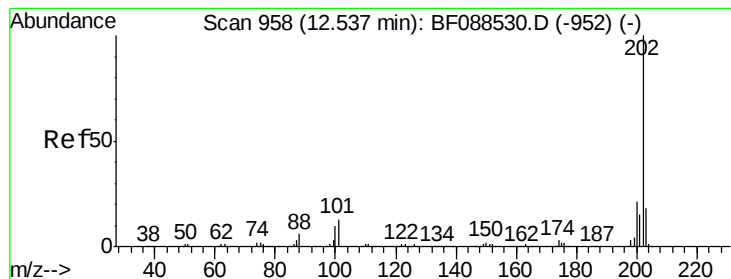


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 89.72 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

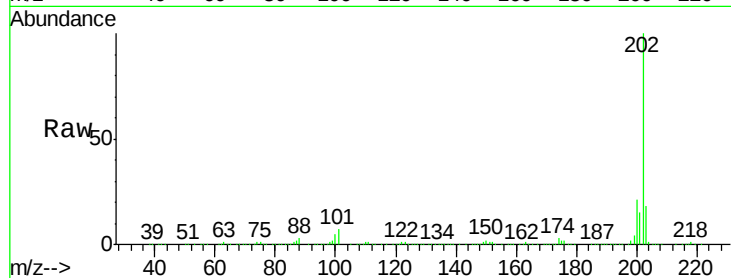
Tgt Ion: 202 Resp: 648101

Ion Ratio Lower Upper

202 100

101 7.2 0.0 33.1

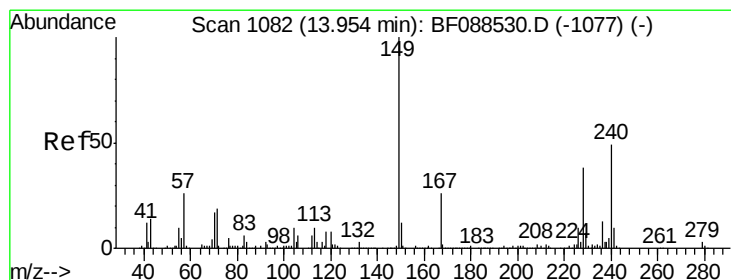
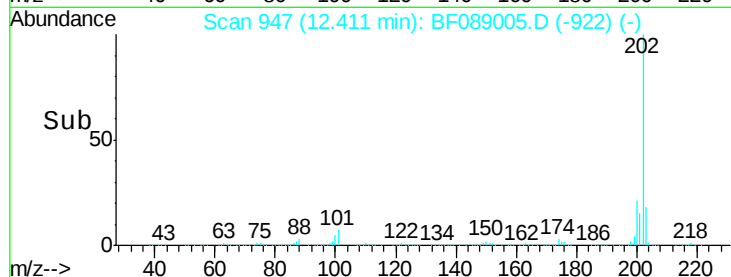
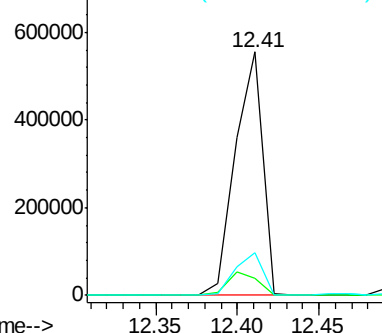
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

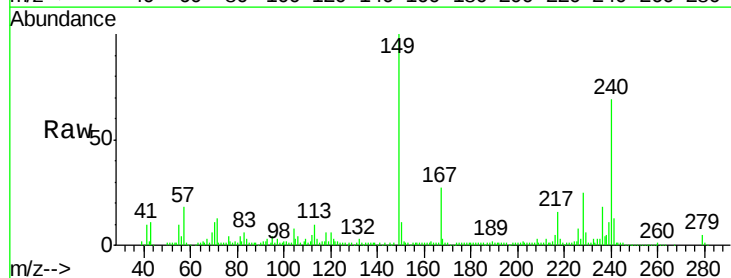
Tgt Ion: 240 Resp: 98456

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

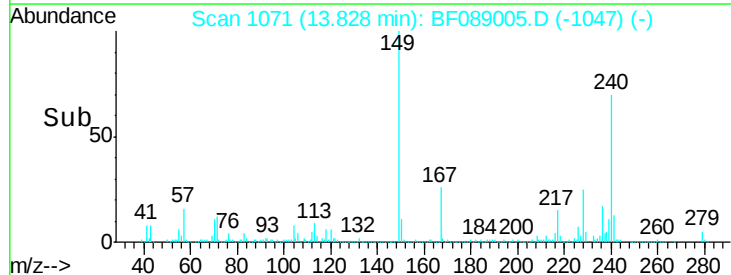
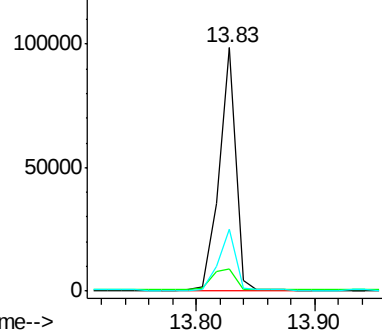
236 25.4 20.2 30.2

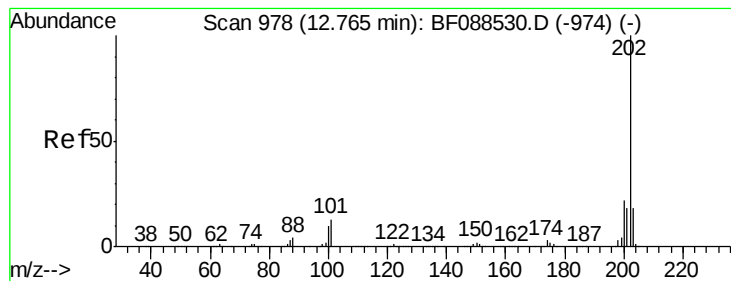


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 64.14 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

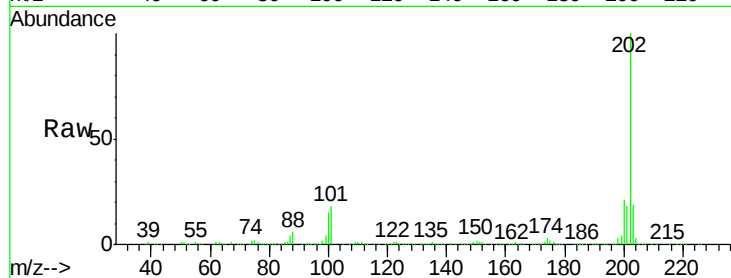
Tgt Ion: 202 Resp: 535439

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

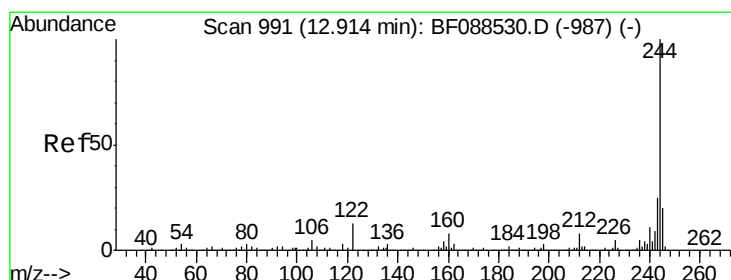
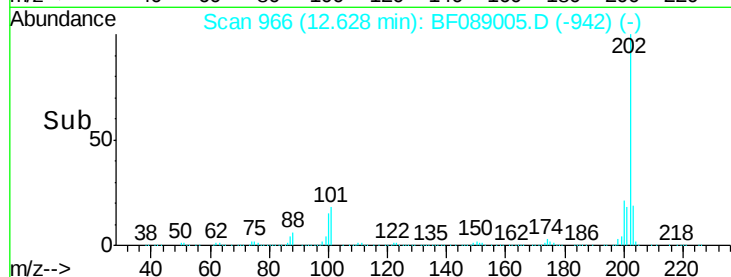
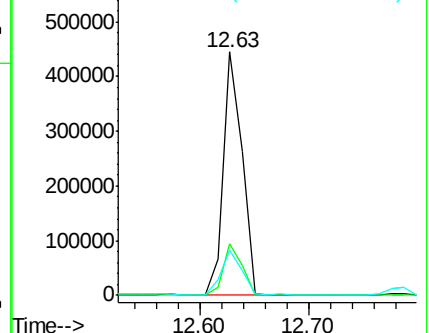
203 18.7 14.5 21.7



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: 63.09 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

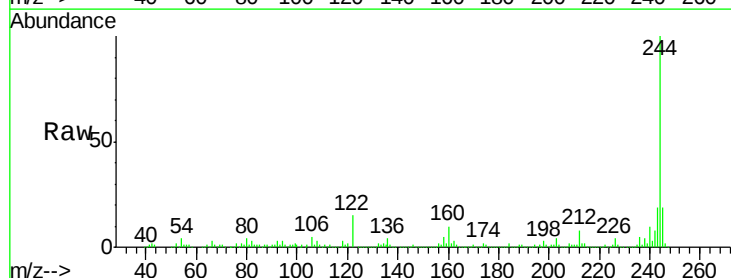
Tgt Ion: 244 Resp: 278873

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

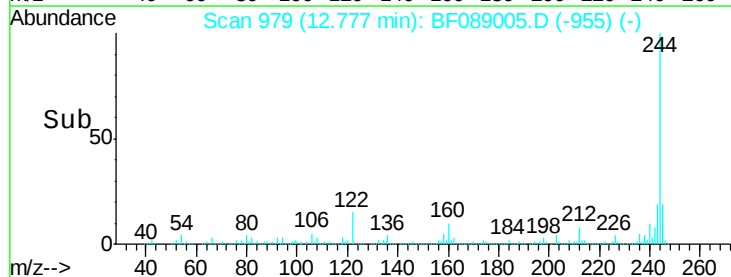
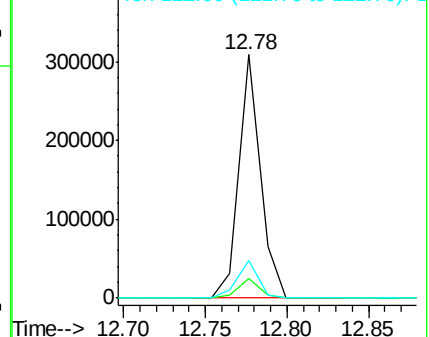
122 15.2 11.2 16.8

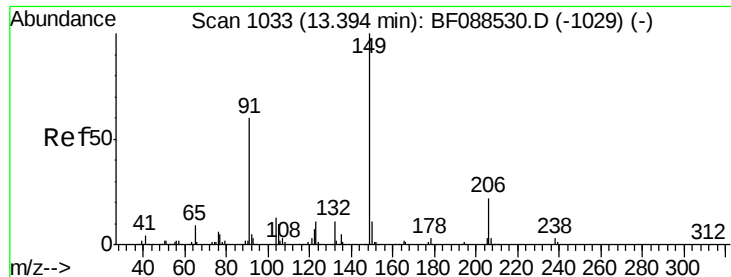


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

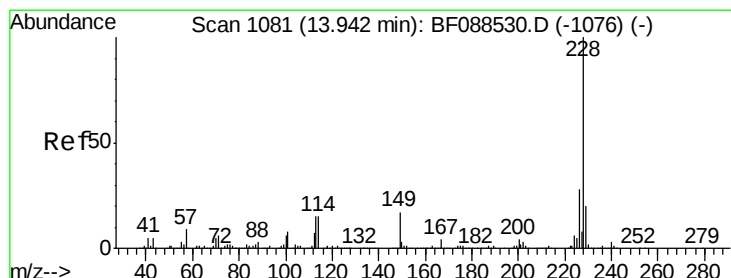
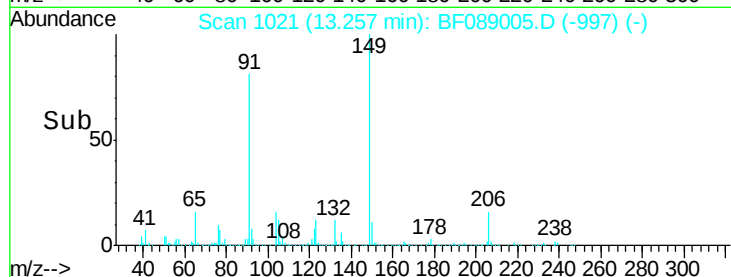
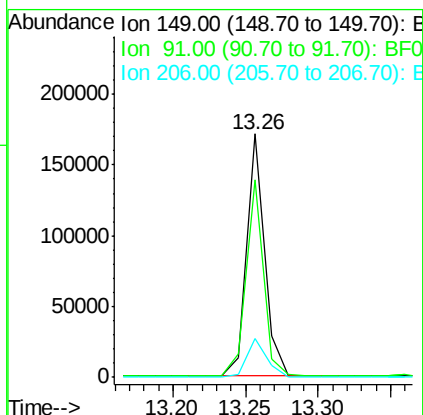
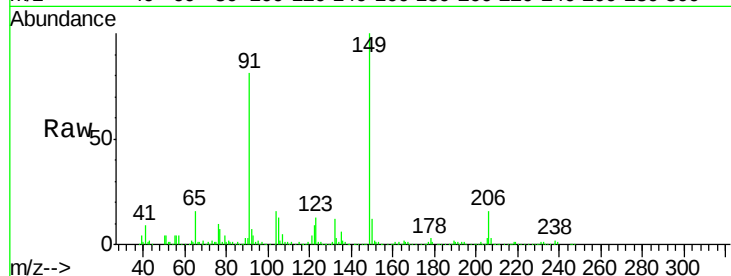




#79
Butylbenzylphthalate
Concen: 39.39 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

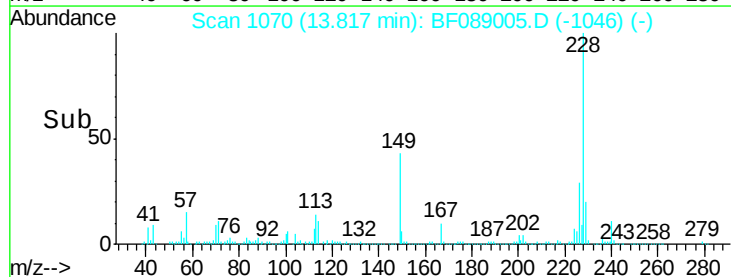
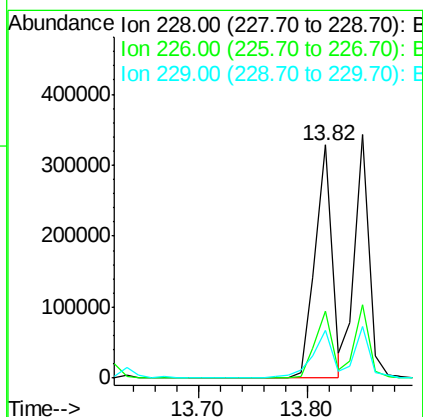
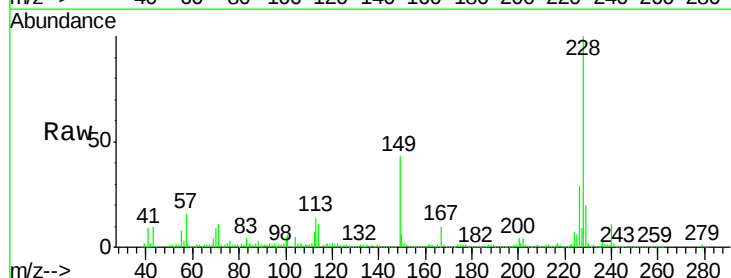
Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MS

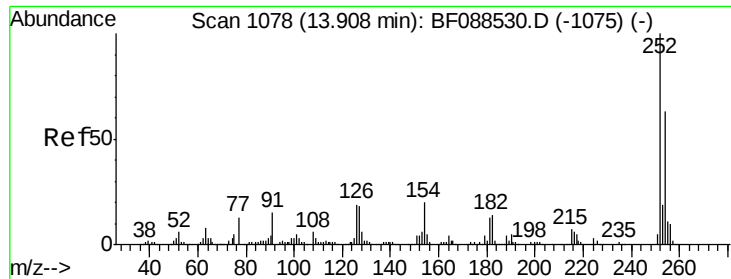
Tgt Ion:149 Resp: 146694
Ion Ratio Lower Upper
149 100
91 81.3 48.0 72.0#
206 16.0 16.0 24.0#



#80
Benzo(a)anthracene
Concen: 55.69 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF089005.D
Acq: 15 Jul 2016 00:51

Tgt Ion:228 Resp: 353061
Ion Ratio Lower Upper
228 100
226 29.0 22.3 33.5
229 20.5 16.0 24.0

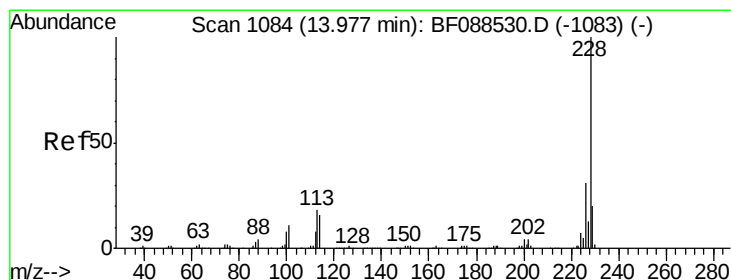
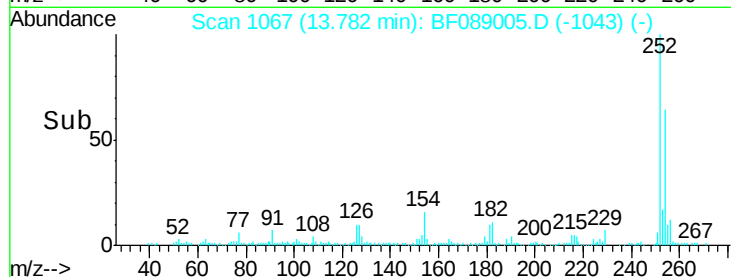
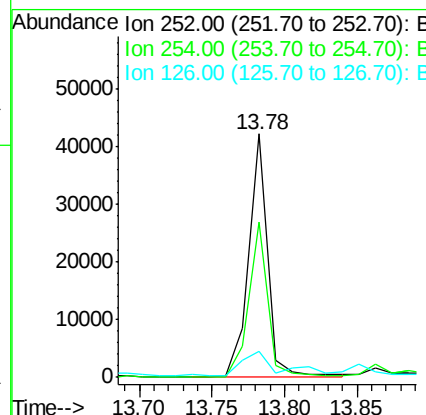
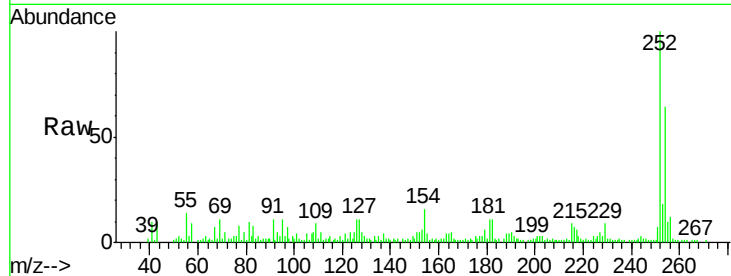




#81
 3,3'-Dichlorobenzidine
 Concen: 16.30 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

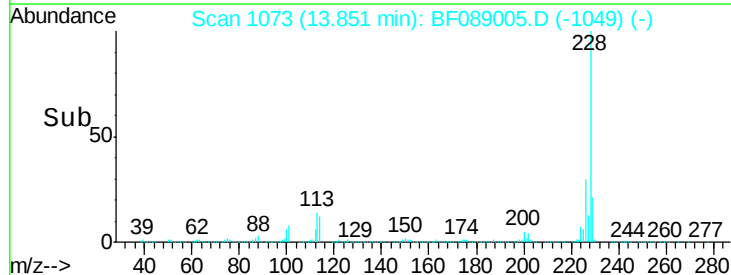
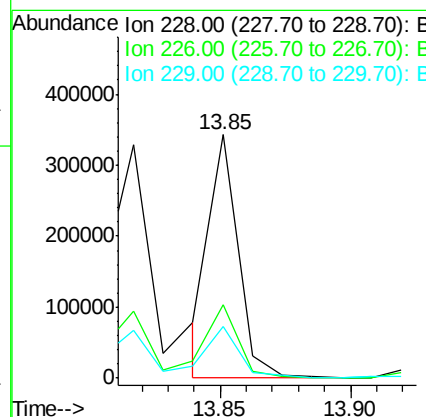
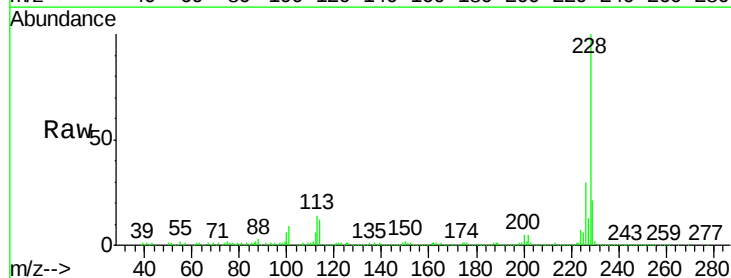
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

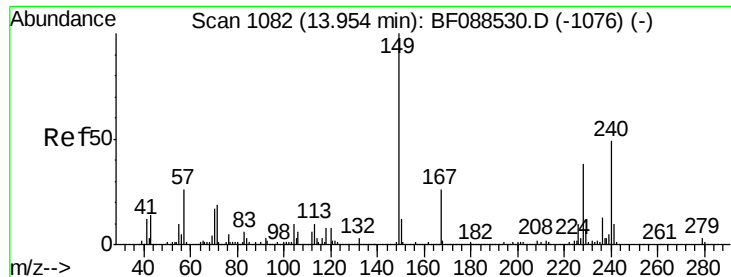
Tgt Ion: 252 Resp: 38855
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.6 78.8
 126 10.7 6.2 9.2#



#82
 Chrysene
 Concen: 41.18 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion: 228 Resp: 258274
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.2
 229 21.1 16.3 24.5

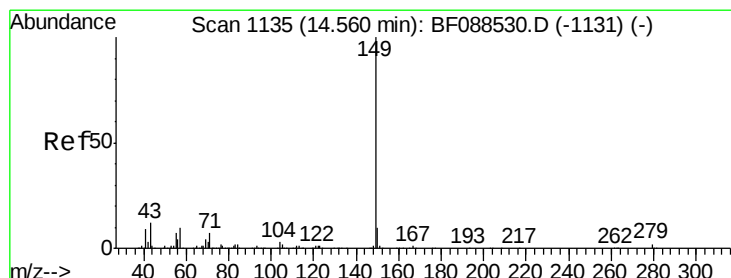
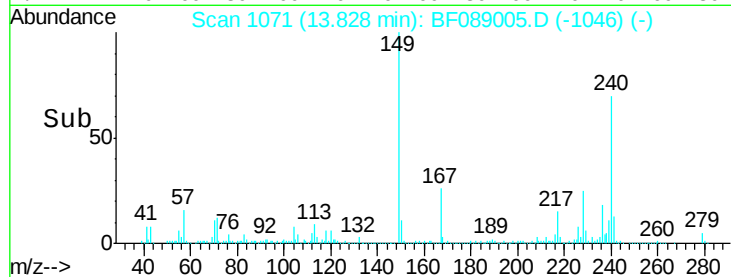
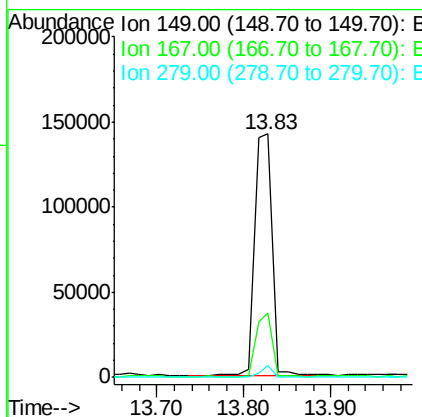
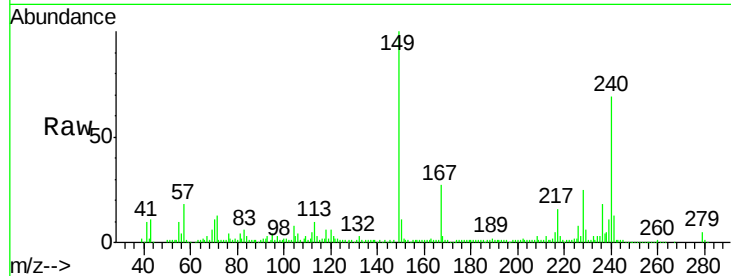




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.96 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

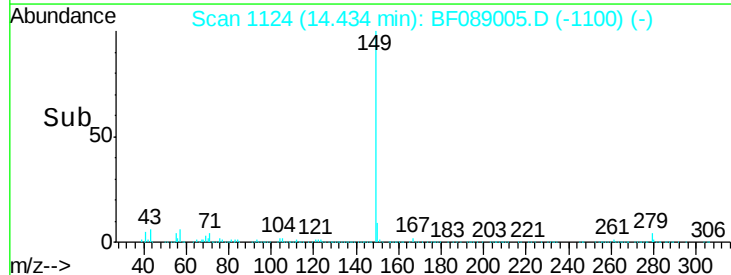
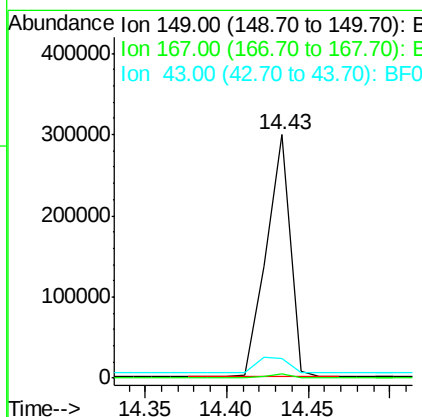
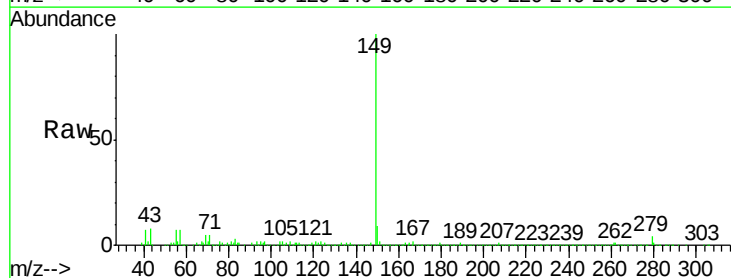
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)MS

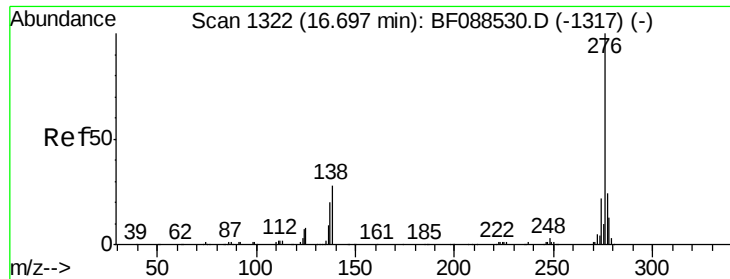
Tgt Ion:149 Resp: 199650
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.5 30.7
 279 4.6 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 42.08 ng
 RT: 14.43 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion:149 Resp: 303888
 Ion Ratio Lower Upper
 149 100
 167 1.7 0.0 0.0#
 43 9.7 0.0 0.0#

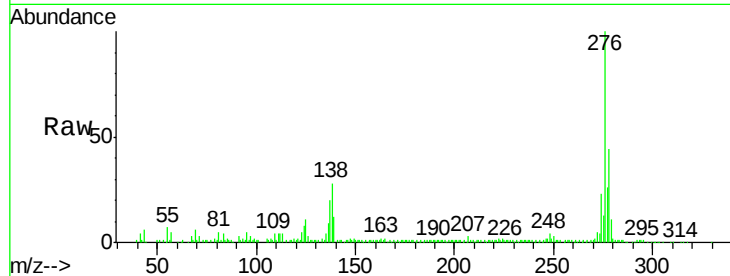




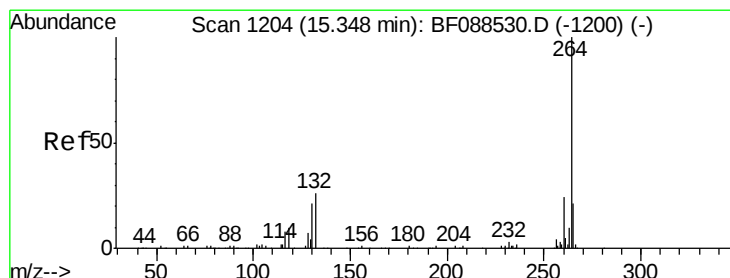
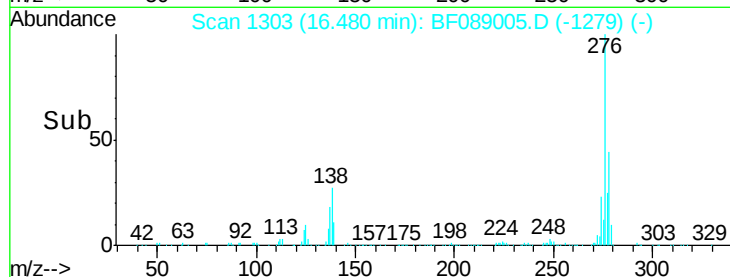
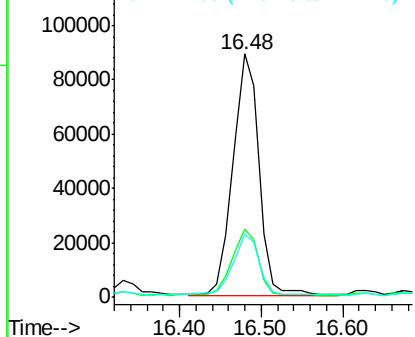
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.91 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	0.0	0.0#
277	25.6	0.0	0.0#

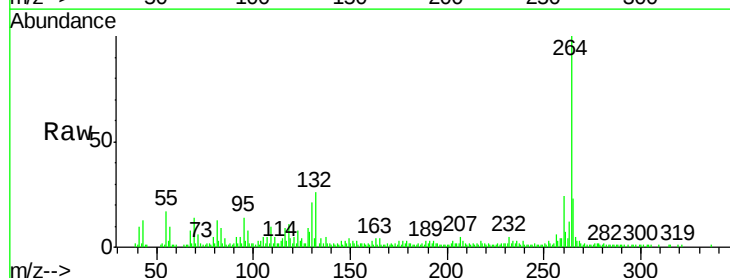


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

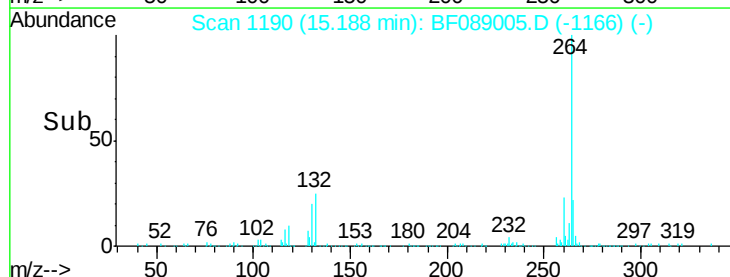
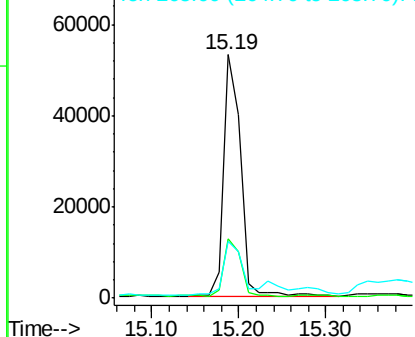


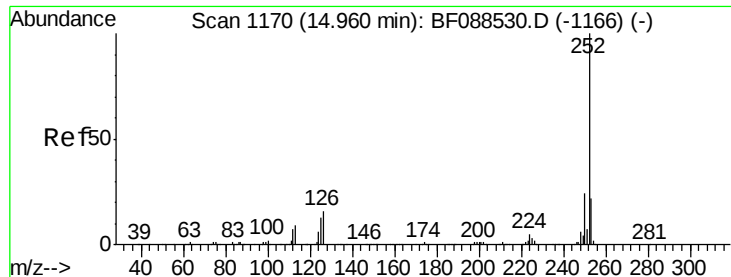
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF089005.D
 Acq: 15 Jul 2016 00:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.4	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: 115.47 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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

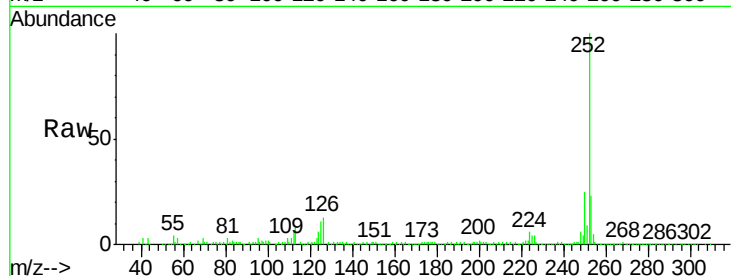
Tgt Ion:252 Resp: 521653

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

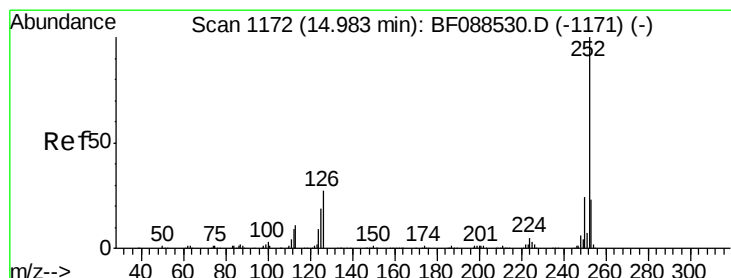
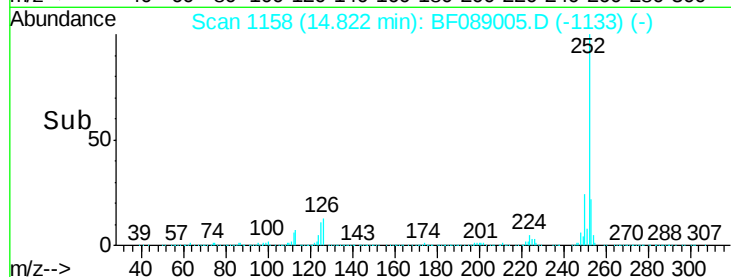
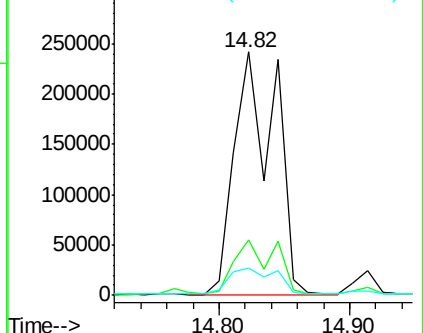
125 11.4 7.1 10.7#



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: 132.64 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.05 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

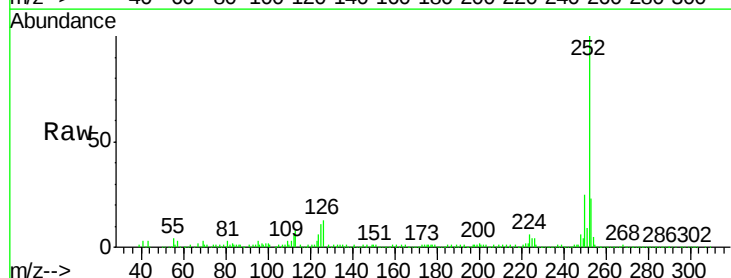
Tgt Ion:252 Resp: 521653

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

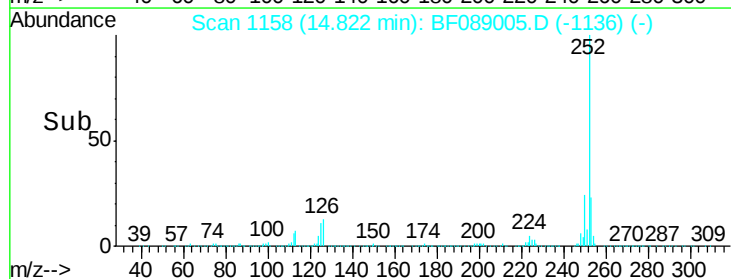
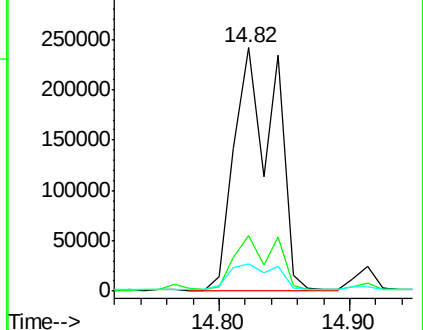
125 11.4 11.2 16.8

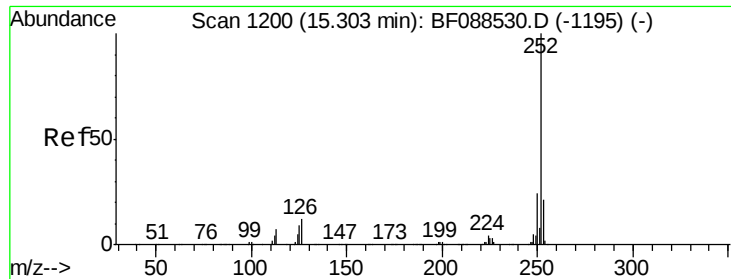


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 63.68 ng

RT: 15.14 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF089005.D

Acq: 15 Jul 2016 00:51

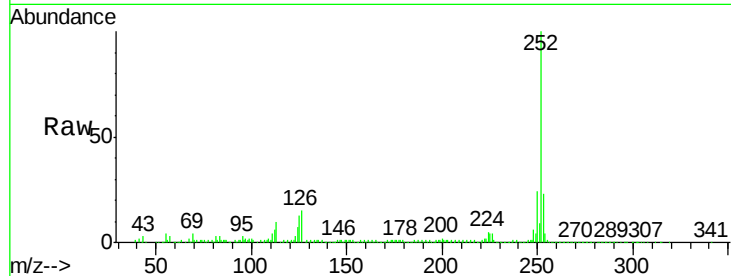
Instrument :

BNA_F

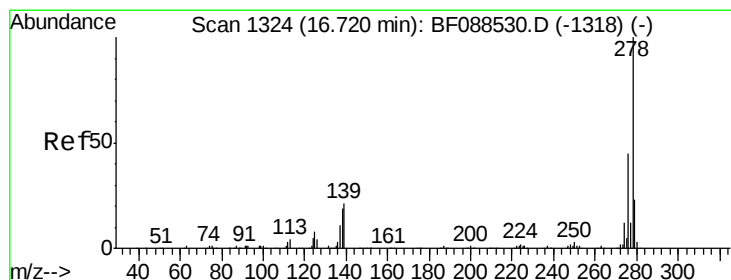
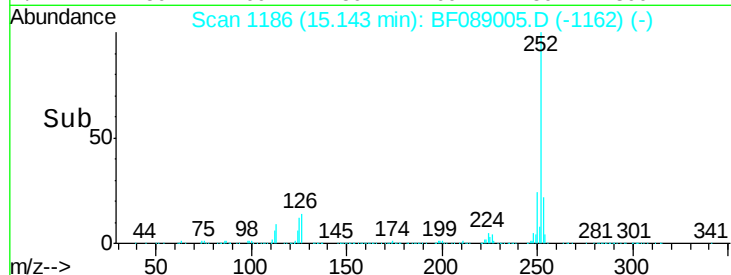
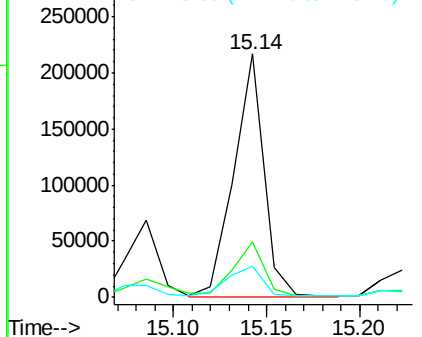
ClientSampleId :

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

Tgt Ion:	252	Resp:	243564
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.6	12.5	18.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.76 ng

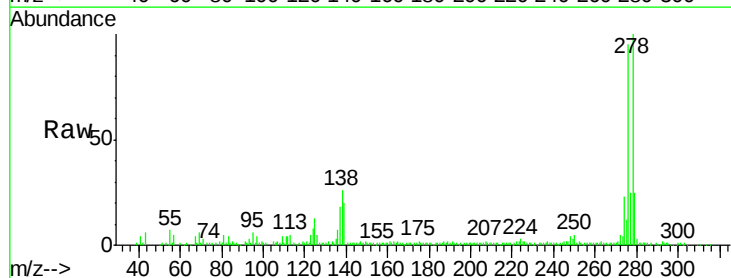
RT: 16.49 min Scan# 1304

Delta R.T. -0.02 min

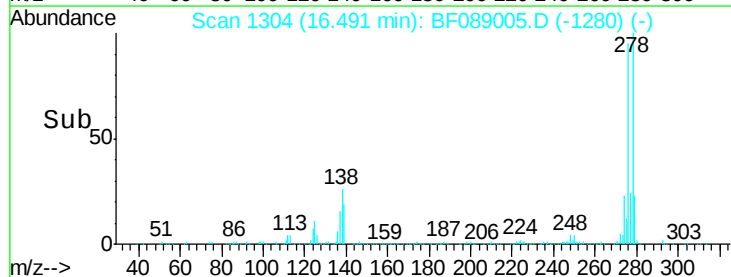
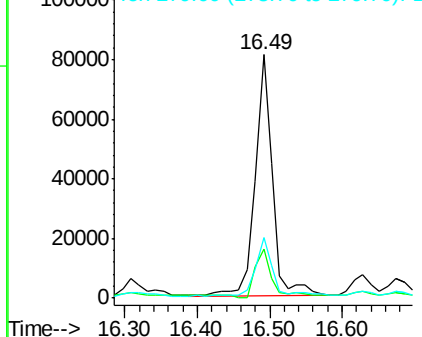
Lab File: BF089005.D

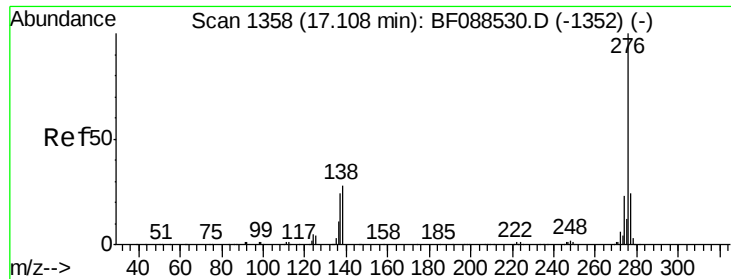
Acq: 15 Jul 2016 00:51

Tgt Ion:	278	Resp:	136558
Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.7	23.5
279	25.0	19.4	29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.13 ng

RT: 16.87 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF089005.D

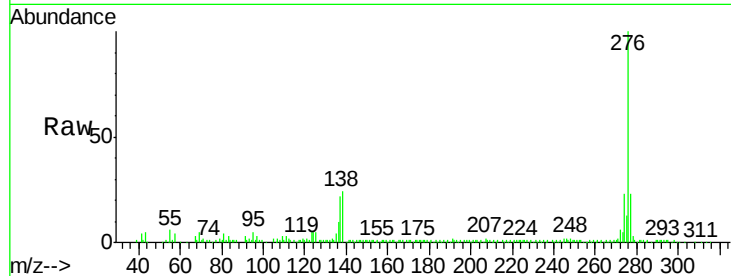
Acq: 15 Jul 2016 00:51

Instrument :

BNA_F

ClientSampleId :

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



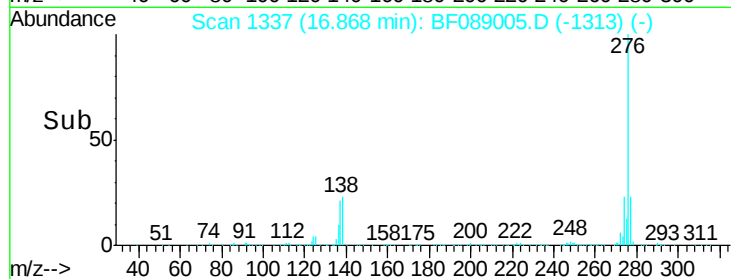
Tgt Ion: 276 Resp: 169001

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 23.9 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

