

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089788.D
 Acq On : 19 Aug 2016 11:15
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 19 11:57:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	539351	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2186756	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	989575	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1792084	20.00	ng	0.00
75) Chrysene-d12	13.87	240	1110287	20.00	ng	0.00
86) Perylene-d12	15.37	264	957650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	2392776	74.02	ng	0.00
7) Phenol-d6	6.32	99	3235865	78.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	2685969	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	750093	78.35	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4227545	68.55	ng	0.00
78) Terphenyl-d14	12.79	244	3952508	106.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	616750	36.96	ng	95
3) Pyridine	2.81	79	1733562	40.31	ng	92
4) n-Nitrosodimethylamine	2.76	42	633044	36.68	ng	# 83
6) Aniline	6.34	93	2091373	37.84	ng	# 59
8) 2-Chlorophenol	6.47	128	1546706	40.23	ng	88
9) Benzaldehyde	6.23	77	1079230	39.60	ng	86
10) Phenol	6.34	94	1914164	37.40	ng	90
11) bis(2-Chloroethyl)ether	6.43	93	1512806	39.90	ng	92
12) 1,3-Dichlorobenzene	6.86	146	1492467	36.31	ng	99
13) 1,4-Dichlorobenzene	6.71	146	1732788	41.62	ng	94
14) 1,2-Dichlorobenzene	6.71	146	1732788	43.65	ng	99
15) Benzyl Alcohol	6.83	79	1051585	38.27	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1901687	38.23	ng	92
17) 2-Methylphenol	6.95	107	1170714	38.32	ng	98
18) Hexachloroethane	7.20	117	569516	37.32	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	1060898	39.40	ng	# 86
20) 3+4-Methylphenols	7.11	107	1326752	33.91	ng	# 81
22) Acetophenone	7.11	105	2071754	40.76	ng	# 86
24) Nitrobenzene	7.28	77	1637773	40.66	ng	# 80
25) Isophorone	7.52	82	2853049	39.82	ng	# 92
26) 2-Nitrophenol	7.59	139	738044	38.94	ng	# 79
27) 2,4-Dimethylphenol	7.63	122	1305261	36.33	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	1869487	42.94	ng	96
29) 2,4-Dichlorophenol	7.83	162	1131087	37.81	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1343774	41.85	ng	96
31) Naphthalene	8.00	128	4072451	41.49	ng	99
32) Benzoic acid	7.76	122	1097535	39.29	ng	96
33) 4-Chloroaniline	8.04	127	1802618	39.69	ng	# 92
34) Hexachlorobutadiene	8.12	225	687489	40.75	ng	97
35) Caprolactam	8.42	113	355004	38.51	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	1172446	36.00	ng	90
37) 2-Methylnaphthalene	8.68	142	2753851	41.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1329449	41.79	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	498996	35.20	ng	98

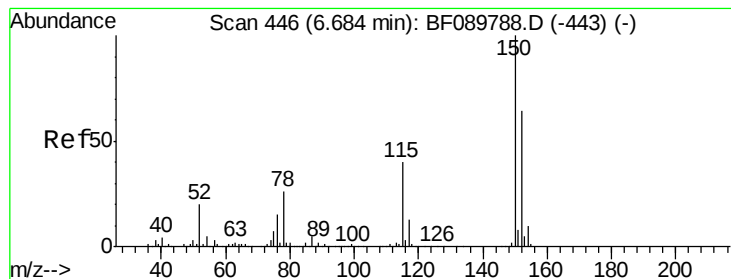
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089788.D
 Acq On : 19 Aug 2016 11:15
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 19 11:57:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	859412	41.82	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	810431	41.36	nq	# 90
45) 1,1'-Biphenyl	9.15	154	3287514	40.11	nq	94
46) 2-Chloronaphthalene	9.16	162	2438030	39.70	nq	99
47) 2-Nitroaniline	9.27	65	785284	41.96	nq	# 61
48) Acenaphthylene	9.58	152	3645847	38.56	nq	98
49) Dimethylphthalate	9.46	163	2966745	41.43	nq	# 98
50) 2,6-Dinitrotoluene	9.51	165	605947	37.39	nq	88
51) Acenaphthene	9.75	154	2553203	40.02	nq	99
52) 3-Nitroaniline	9.68	138	803250	42.63	nq	# 66
53) 2,4-Dinitrophenol	9.77	184	268832	46.69	nq	# 88
54) Dibenzofuran	9.92	168	3090442	39.36	nq	98
55) 4-Nitrophenol	9.83	139	525316	36.24	nq	# 82
56) 2,4-Dinitrotoluene	9.91	165	943514	45.29	nq	# 83
57) Fluorene	10.26	166	2299547	36.25	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	610565	39.90	nq	96
59) Diethylphthalate	10.16	149	3034015	41.79	nq	96
60) 4-Chlorophenyl-phenylether	10.26	204	1065735	34.22	nq	96
61) 4-Nitroaniline	10.28	138	777922	42.52	nq	98
62) Azobenzene	10.42	77	2857893	41.66	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	381524	36.67	nq	87
65) n-Nitrosodiphenylamine	10.38	169	2319536	41.24	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	809158	43.60	nq	# 94
67) Hexachlorobenzene	10.81	284	900580	43.65	nq	# 93
68) Atrazine	10.91	200	708585	41.59	nq	97
69) Pentachlorophenol	11.00	266	523289	40.71	nq	98
70) Phenanthrene	11.22	178	3835040	43.54	nq	98
71) Anthracene	11.27	178	3443424	37.41	nq	97
72) Carbazole	11.43	167	3626274	41.58	nq	96
73) Di-n-butylphthalate	11.77	149	4099029	38.65	nq	98
74) Fluoranthene	12.40	202	3592019	40.58	nq	95
76) Benzidine	12.53	184	1578247	39.60	nq	99
77) Pyrene	12.63	202	3742644	51.51	nq	97
79) Butylbenzylphthalate	13.28	149	1638446	44.95	nq	87
80) Benzo(a)anthracene	13.86	228	2529425	39.21	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	848017	36.08	nq	98
82) Chrysene	13.90	228	2138387	36.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2294753	47.57	nq	# 97
84) Di-n-octyl phthalate	14.57	149	3185599	42.49	nq	96
85) Indeno(1,2,3-cd)pyrene	16.66	276	2688894	54.36	nq	99
87) Benzo(b)fluoranthene	14.98	252	2237420	36.87	nq	# 94
88) Benzo(k)fluoranthene	14.98	252	2237420	44.80	nq	# 97
89) Benzo(a)pyrene	15.31	252	2095458	41.83	nq	# 96
90) Dibenzo(a,h)anthracene	16.69	278	2236808	56.70	nq	97
91) Benzo(g,h,i)perylene	17.04	276	2335253	58.17	nq	99

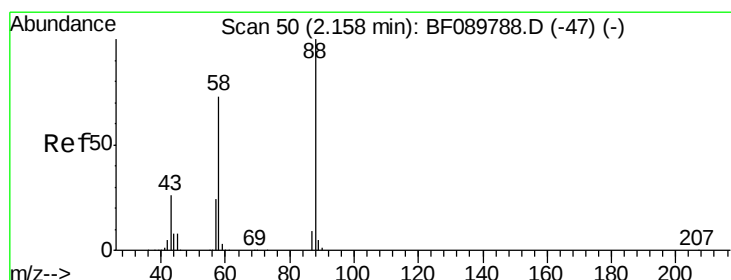
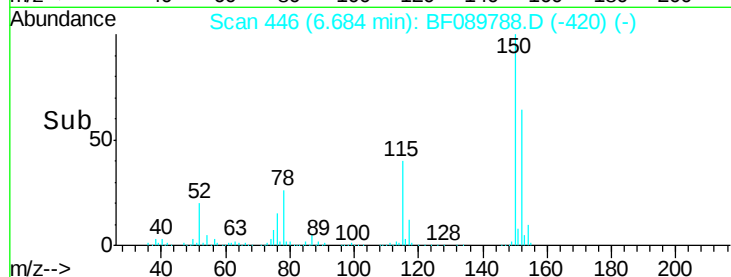
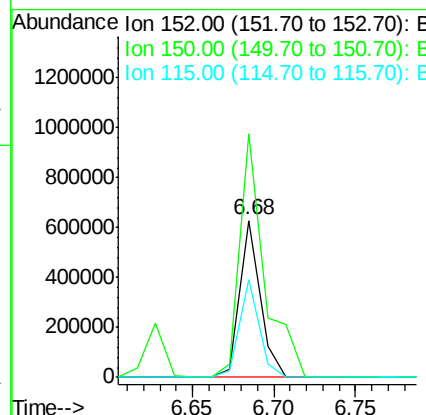
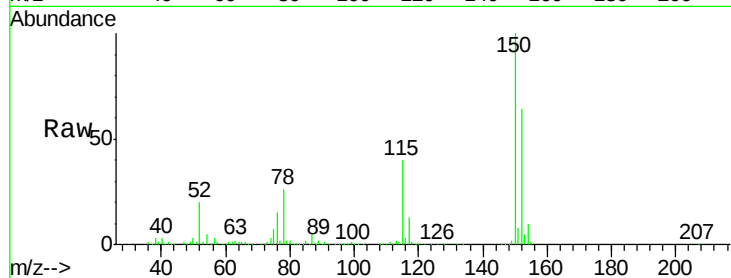
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

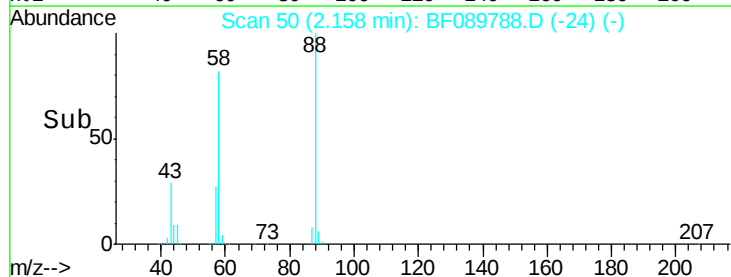
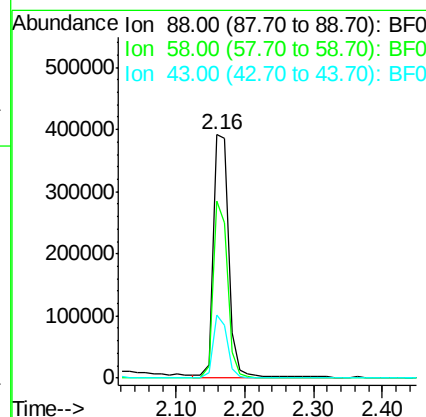
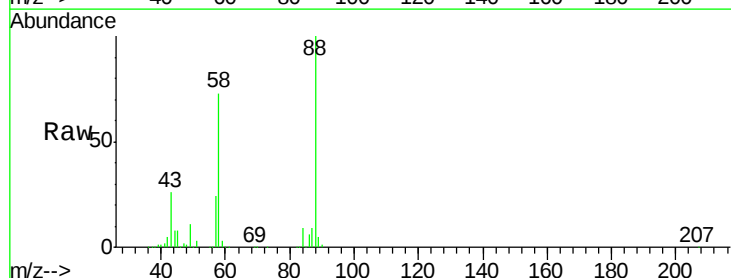
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

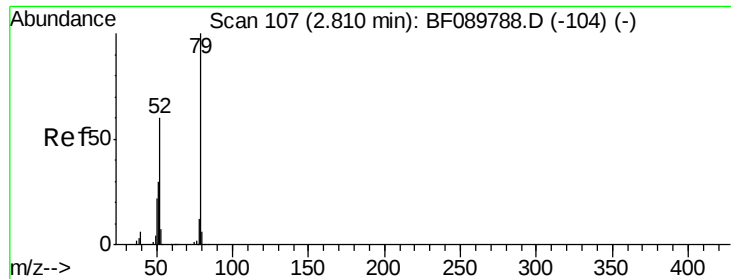
Tot Ion:152 Resp: 539351
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.3 187.9
 115 62.0 40.9 61.3#



#2
 1,4-Dioxane
 Concen: 36.96 ng
 RT: 2.16 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion: 88 Resp: 616750
 Ion Ratio Lower Upper
 88 100
 58 67.8 57.0 85.4
 43 24.3 21.8 32.8





#3

Pvridine

Concen: 40.31 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

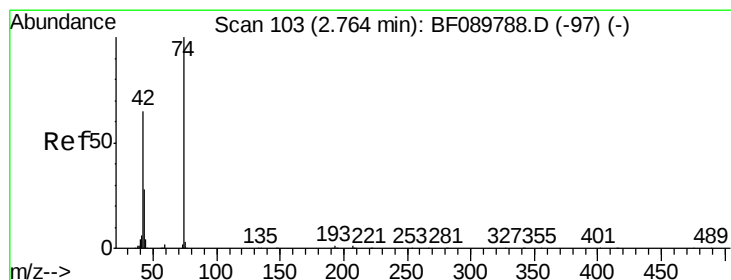
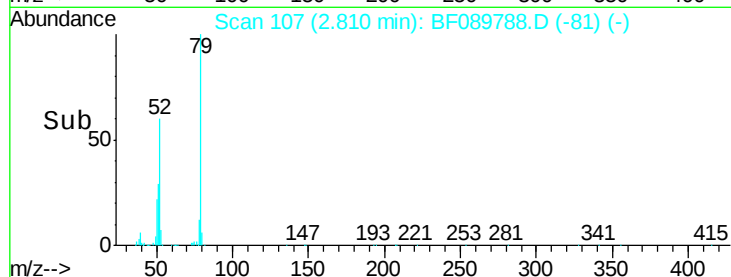
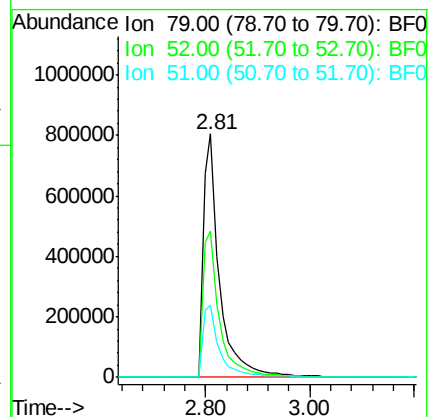
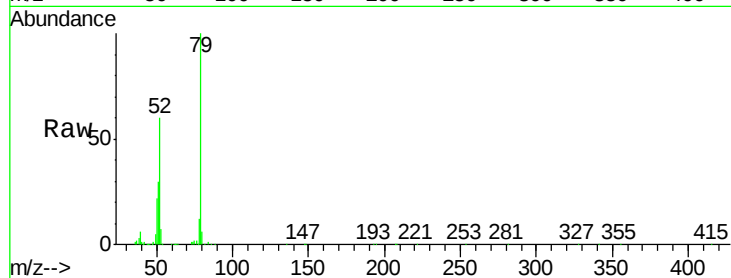
Tot Ion: 79 Resp: 1733562

Ion Ratio Lower Upper

79 100

52 60.0 53.6 80.4

51 29.7 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 36.68 ng

RT: 2.76 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

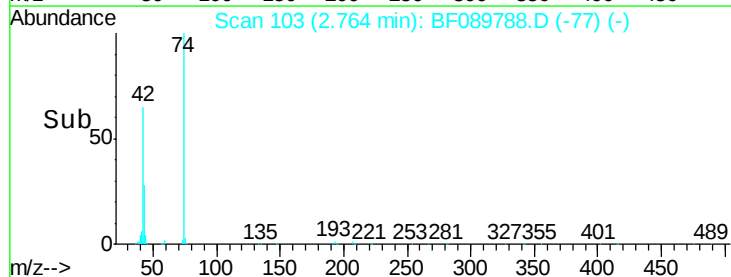
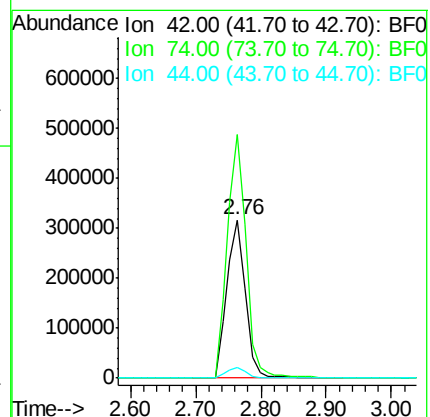
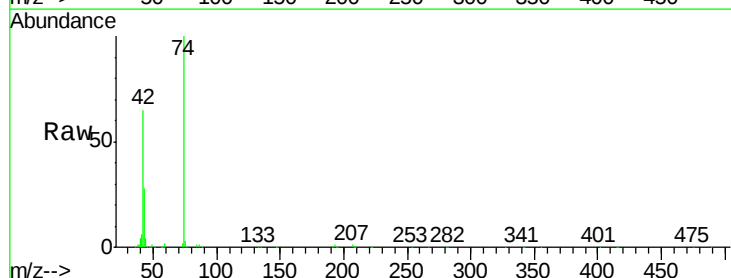
Tgt Ion: 42 Resp: 633044

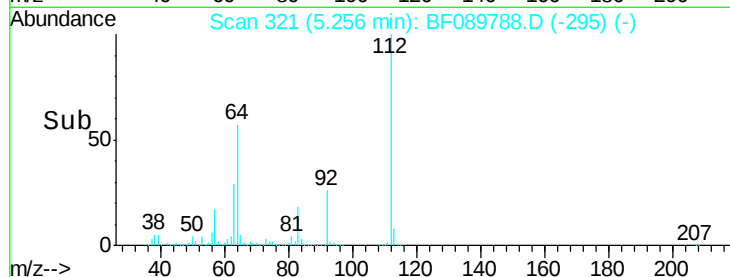
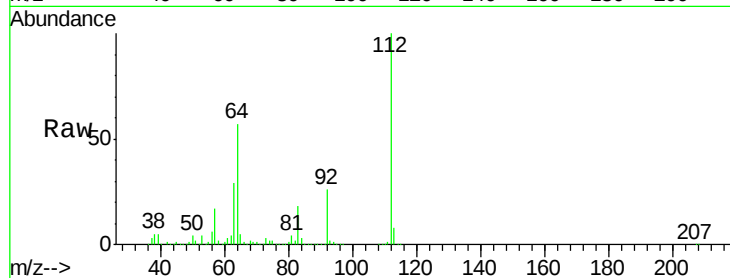
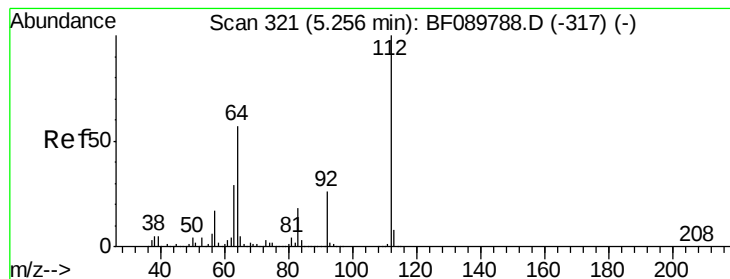
Ion Ratio Lower Upper

42 100

74 154.2 106.2 159.2

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 74.02 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

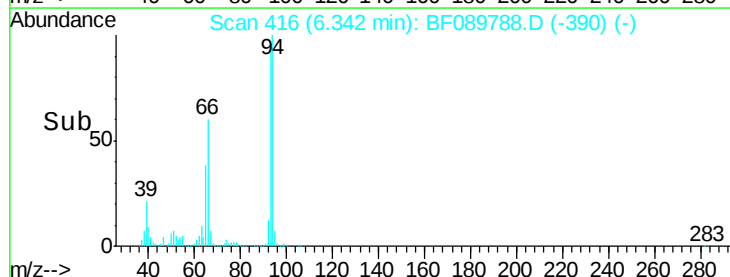
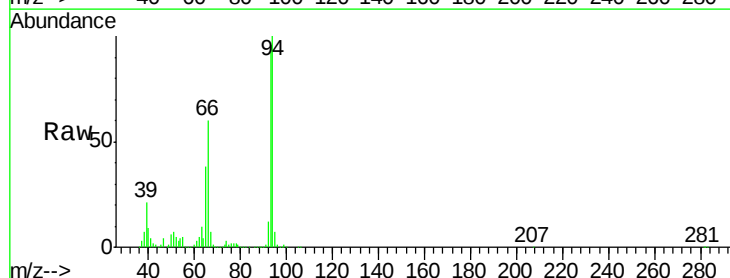
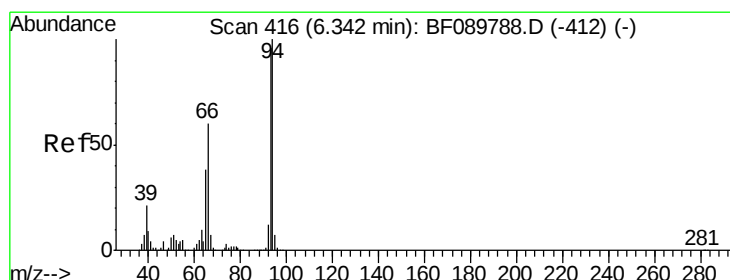
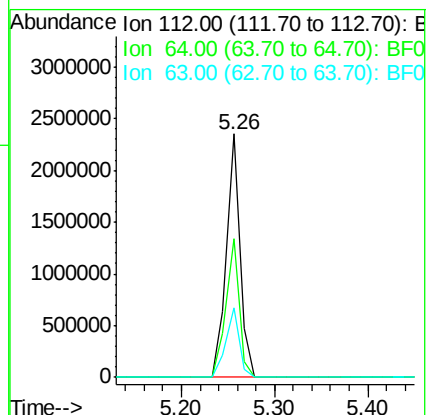
Tot Ion:112 Resp: 2392776

Ion Ratio Lower Upper

112 100

64 57.1 45.0 67.4

63 28.8 23.1 34.7



#6

Aniline

Concen: 37.84 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

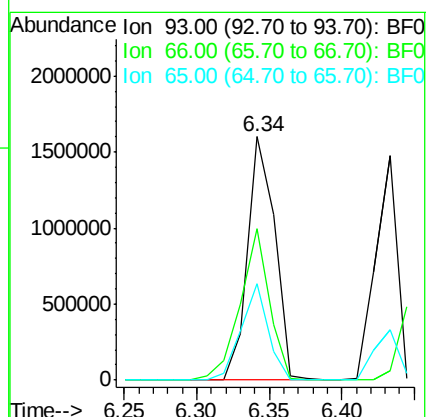
Tgt Ion: 93 Resp: 2091373

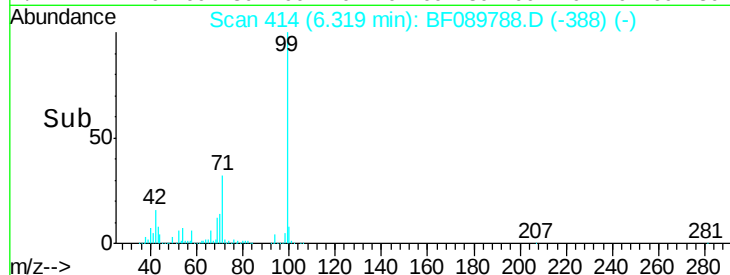
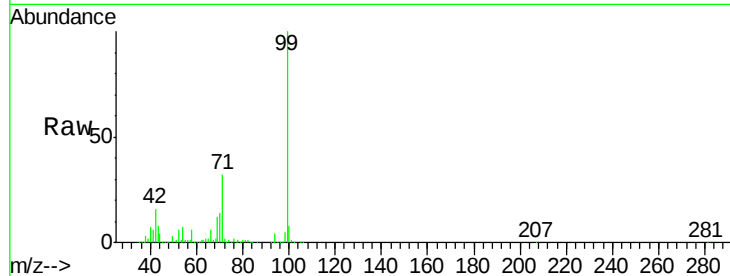
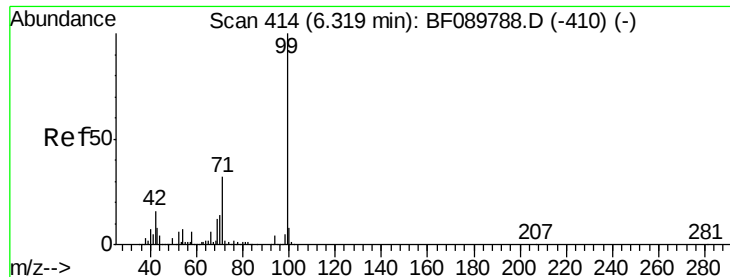
Ion Ratio Lower Upper

93 100

66 62.4 30.6 46.0#

65 39.5 15.4 23.2#





#7

Phenol-d6

Concen: 78.70 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

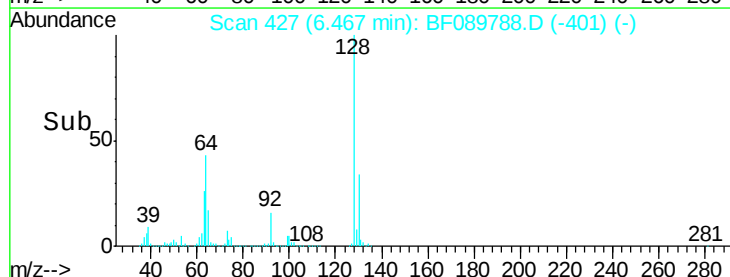
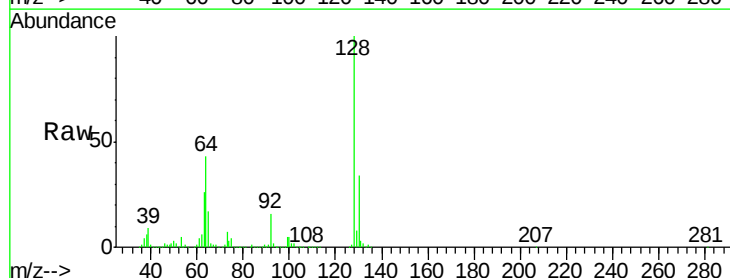
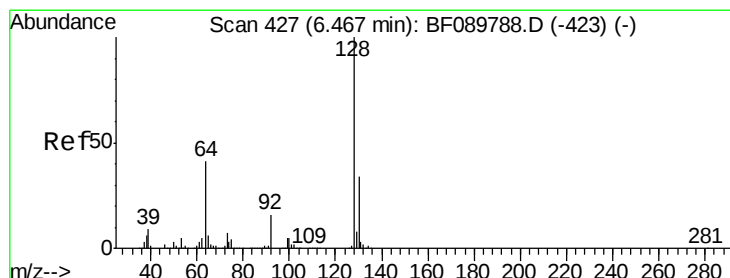
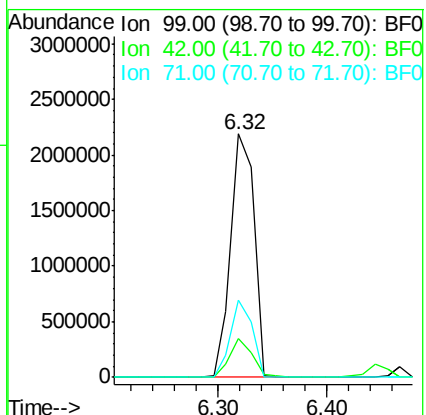
Tot Ion: 99 Resp: 3235865

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.4

71 31.8 23.8 35.8



#8

2-Chlorophenol

Concen: 40.23 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

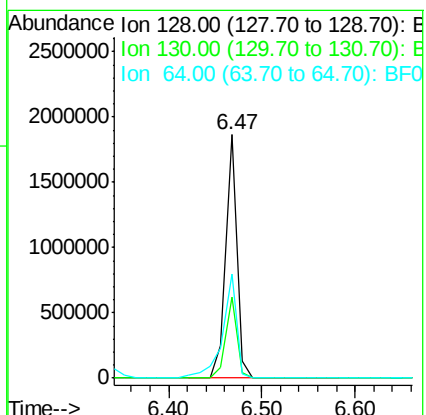
Tgt Ion: 128 Resp: 1546706

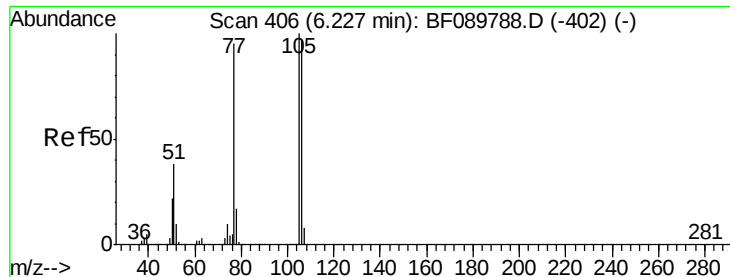
Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 42.7 35.1 75.1





#9

Benzaldehyde

Concen: 39.60 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

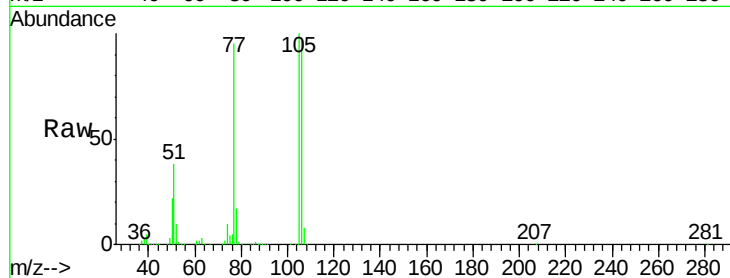
Tot Ion: 77 Resp: 1079230

Ion Ratio Lower Upper

77 100

105 105.8 73.3 113.3

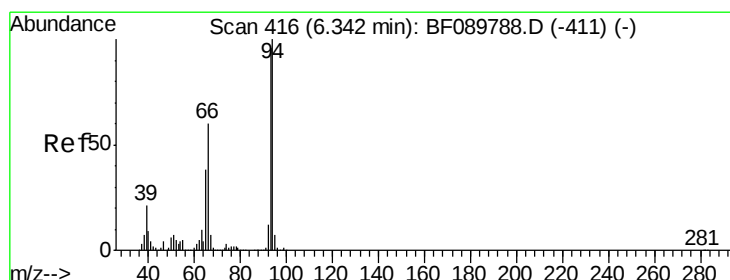
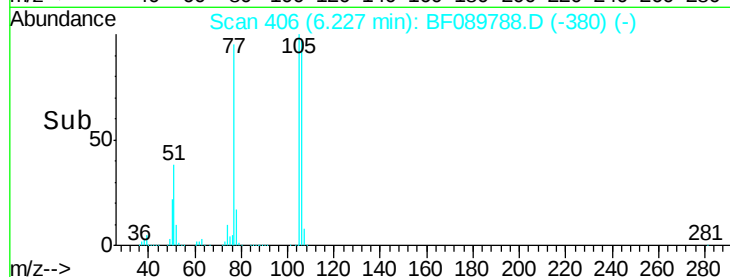
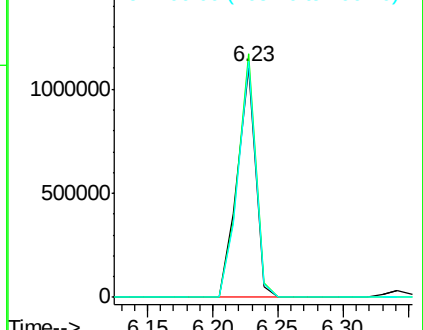
106 102.6 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.40 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

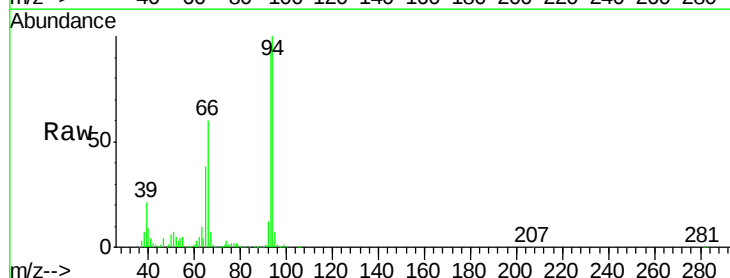
Tgt Ion: 94 Resp: 1914164

Ion Ratio Lower Upper

94 100

65 37.9 14.0 54.0

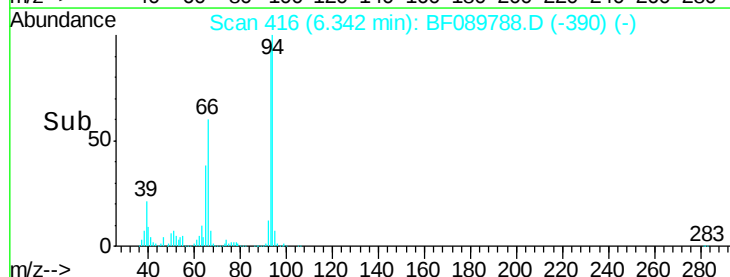
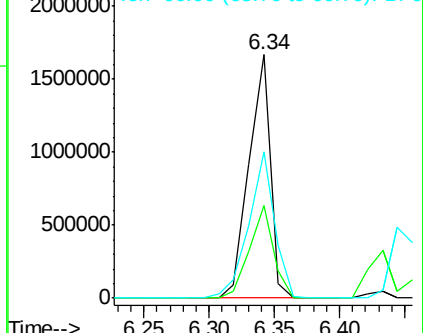
66 59.8 31.2 71.2

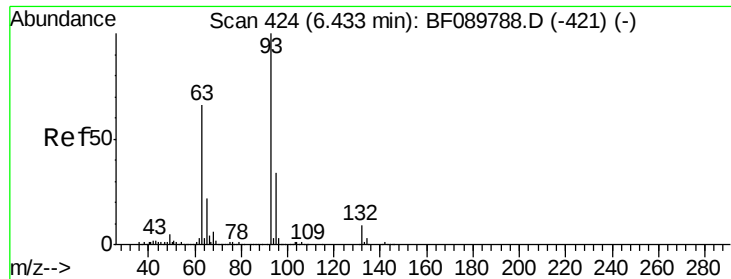


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.90 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

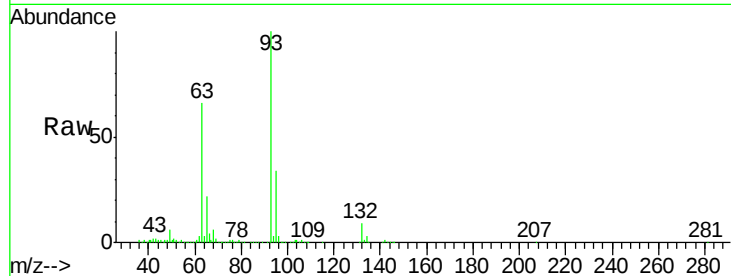
Tot Ion: 93 Resp: 1512806

Ion Ratio Lower Upper

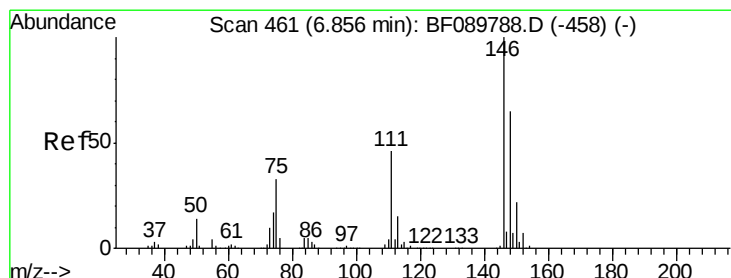
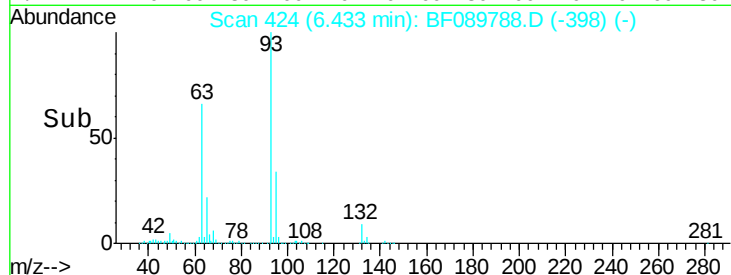
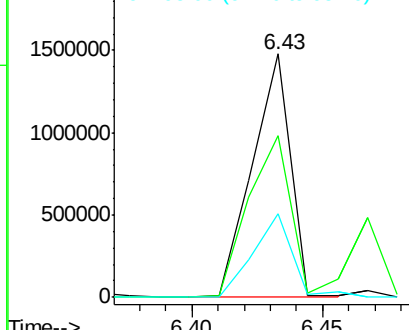
93 100

63 66.2 55.8 95.8

95 34.1 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.31 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.23 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

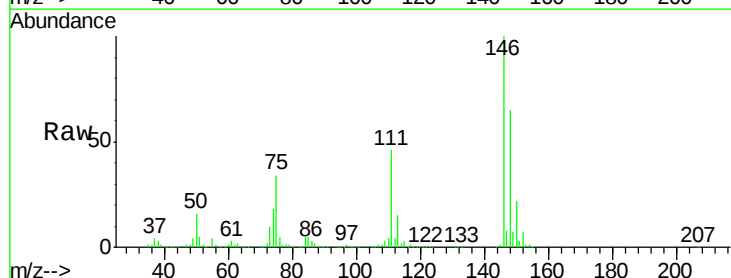
Tgt Ion: 146 Resp: 1492467

Ion Ratio Lower Upper

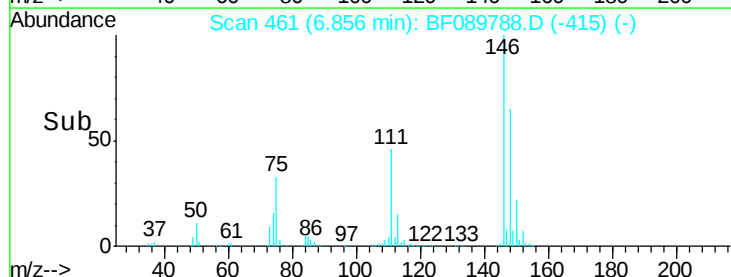
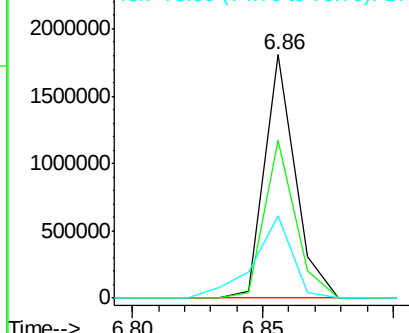
146 100

148 64.9 51.0 76.4

75 33.7 27.0 40.6



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

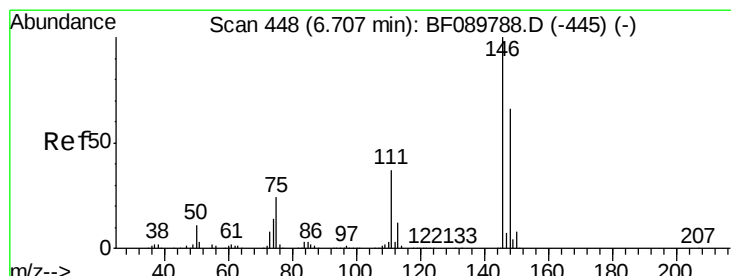
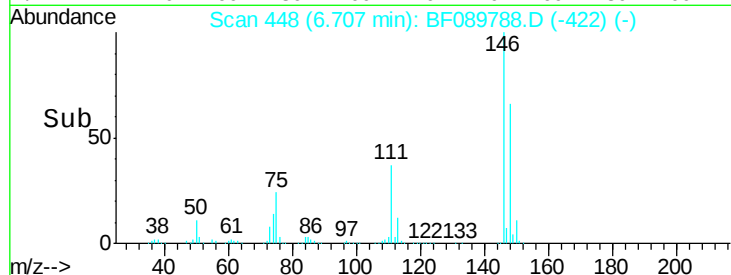
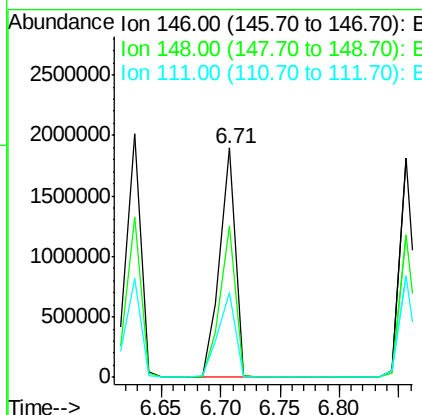
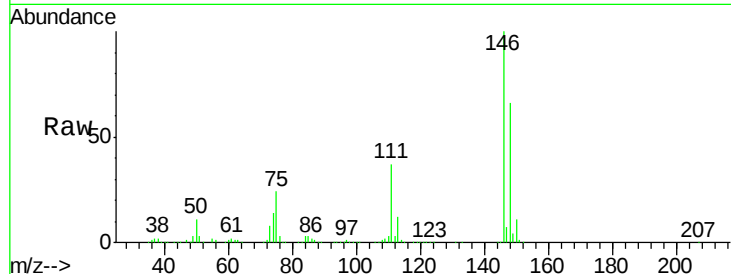




#13
 1,4-Dichlorobenzene
 Concen: 41.62 ng
 RT: 6.71 min Scan# 448
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

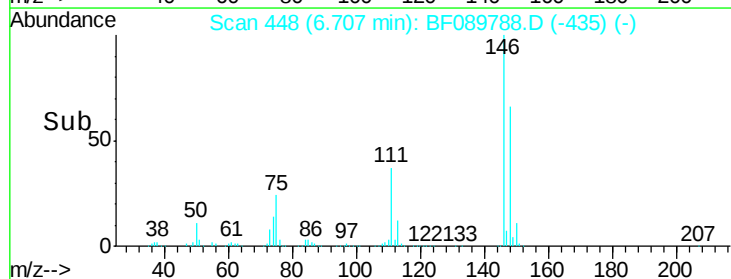
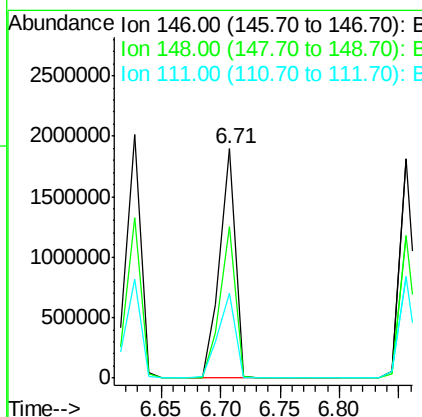
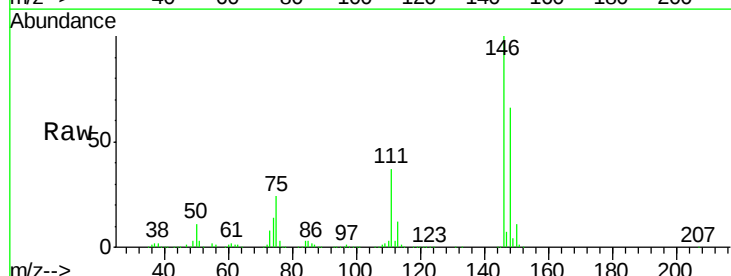
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

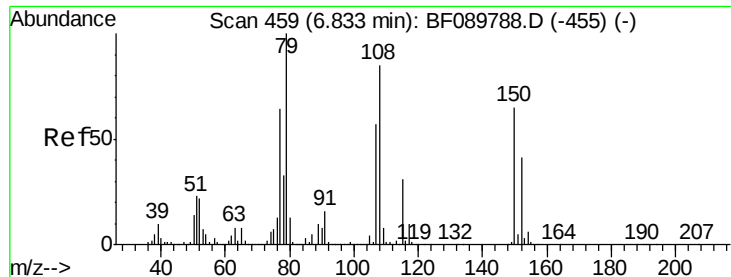
Tot Ion:146 Resp: 1732788
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.0 76.6
 111 37.0 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 43.65 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:146 Resp: 1732788
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.2 78.2
 111 37.0 29.8 44.6





#15

Benzyl Alcohol

Concen: 38.27 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

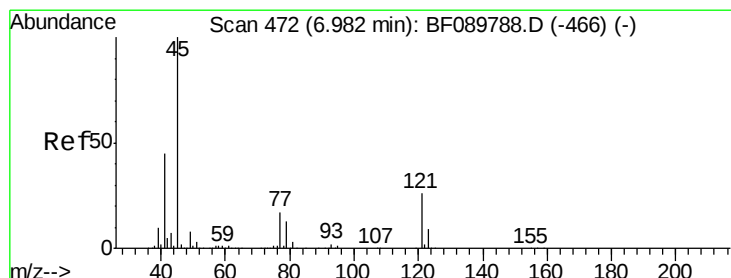
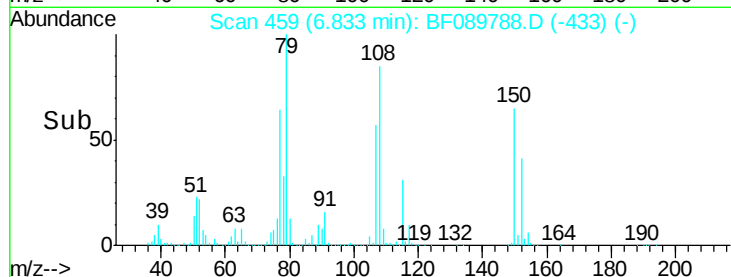
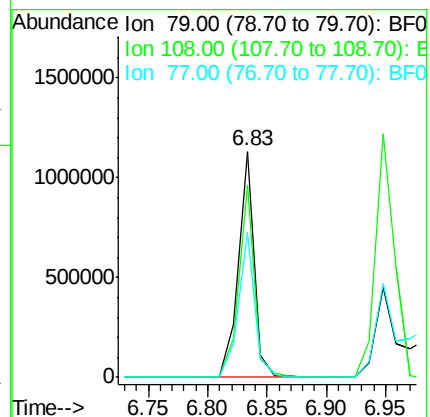
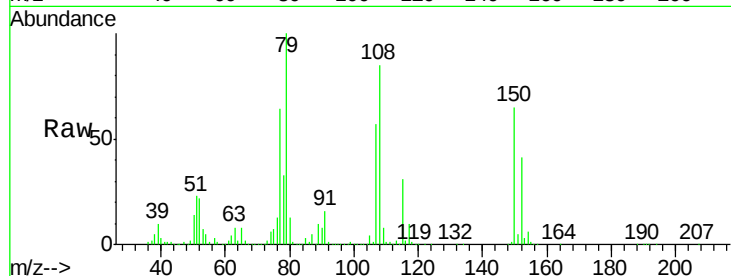
Tot Ion: 79 Resp: 1051585

Ion Ratio Lower Upper

79 100

108 85.3 62.5 93.7

77 63.9 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.23 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

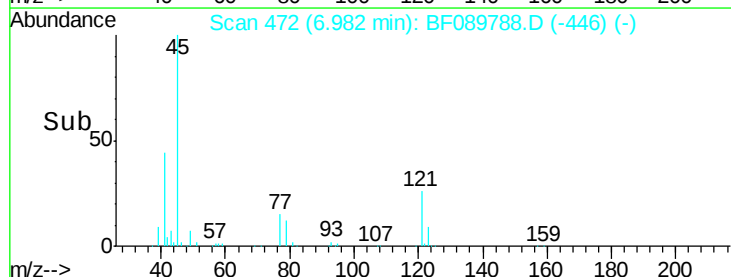
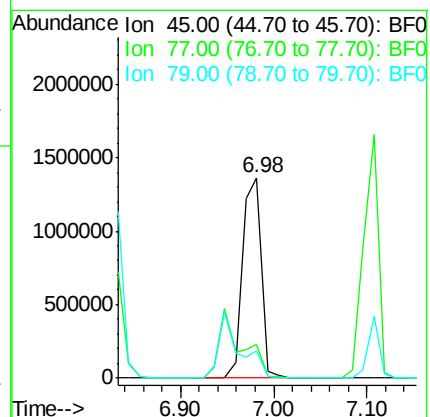
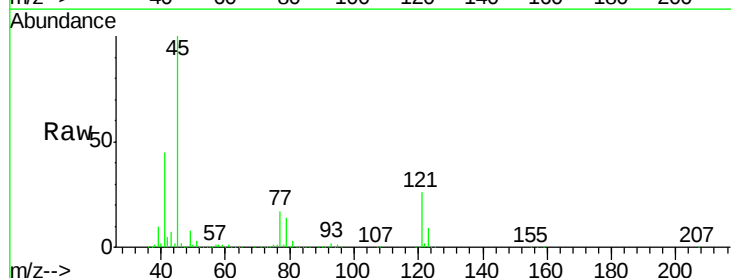
Tgt Ion: 45 Resp: 1901687

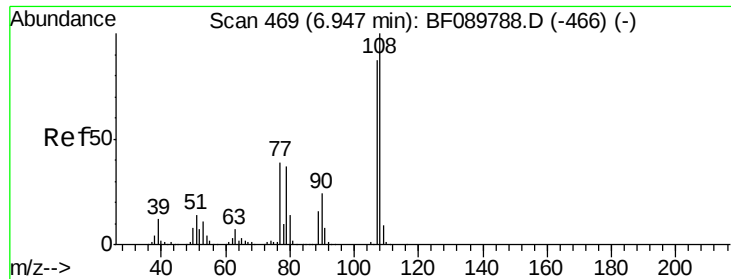
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.5

79 13.6 0.0 30.7





#17

2-Methylphenol

Concen: 38.32 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 1170714

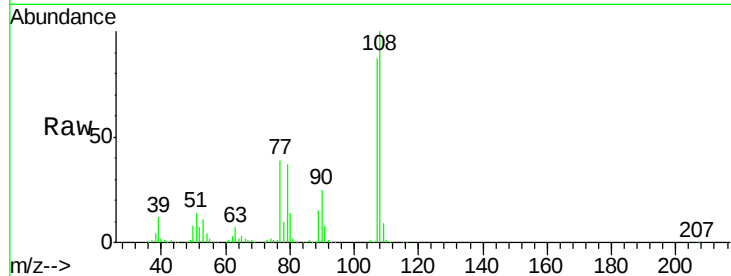
Ion Ratio Lower Upper

107 100

108 114.7 91.0 136.4

77 44.5 37.4 56.0

79 42.2 36.6 55.0

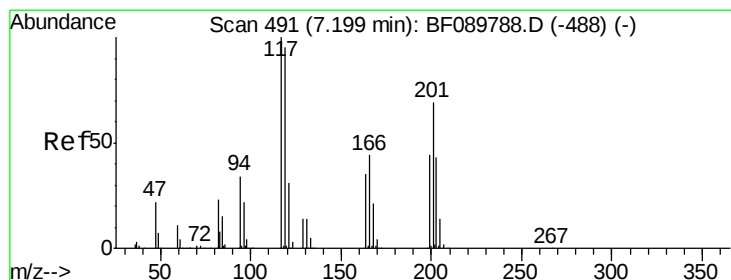
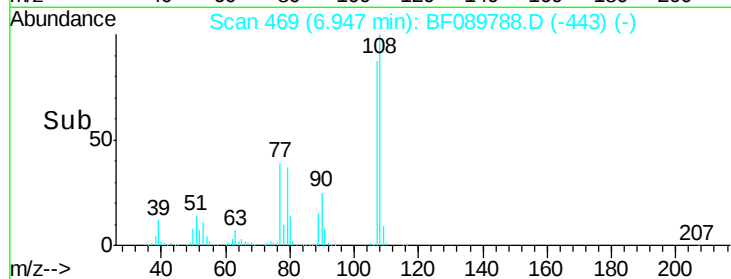
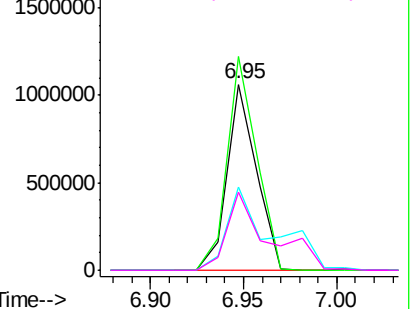


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 37.32 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

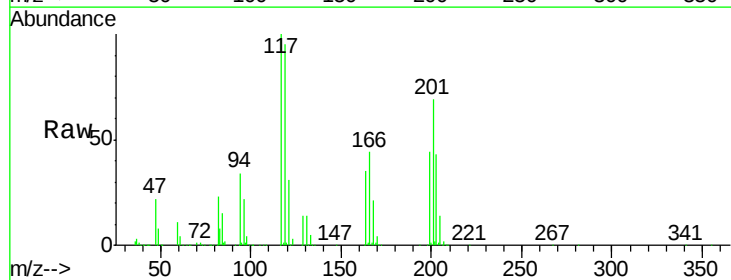
Tgt Ion:117 Resp: 569516

Ion Ratio Lower Upper

117 100

119 95.0 77.1 115.7

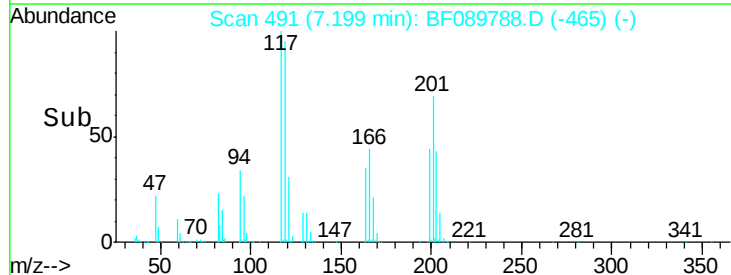
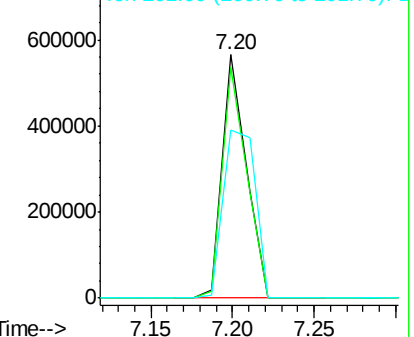
201 68.9 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

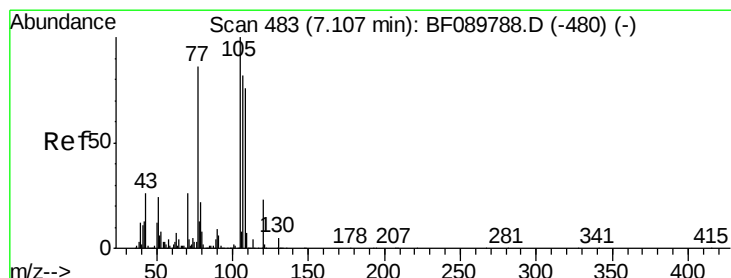
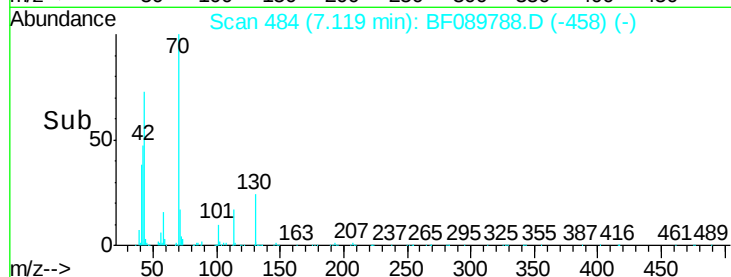
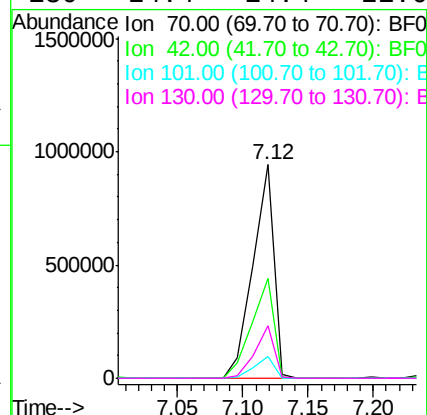
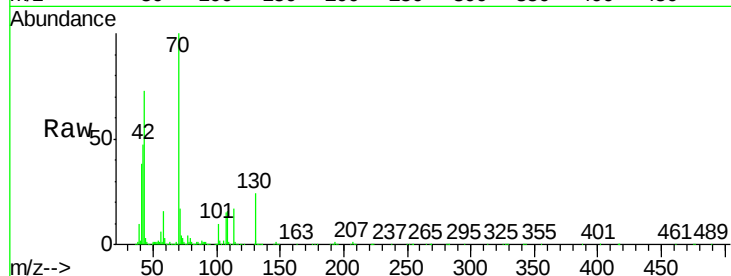




#19
n-Nitroso-di-n-propylamine
Concen: 39.40 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

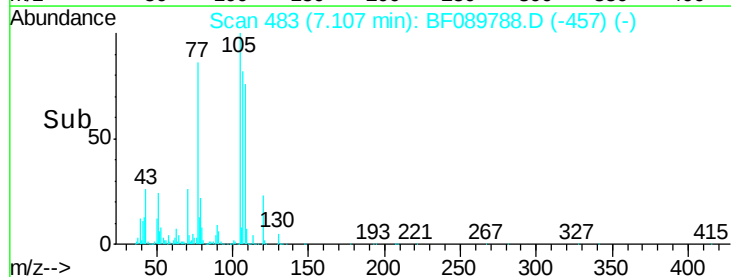
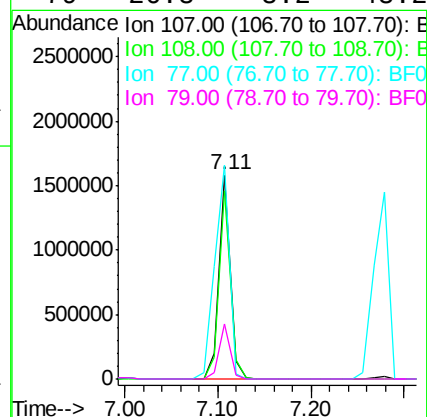
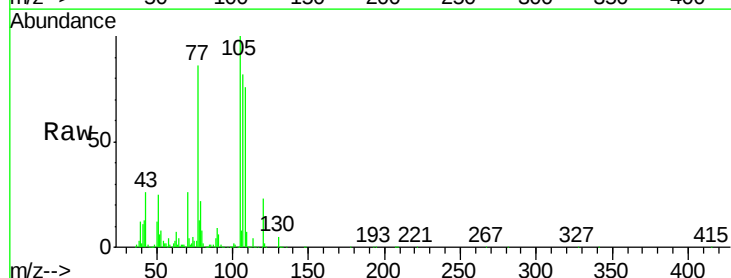
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

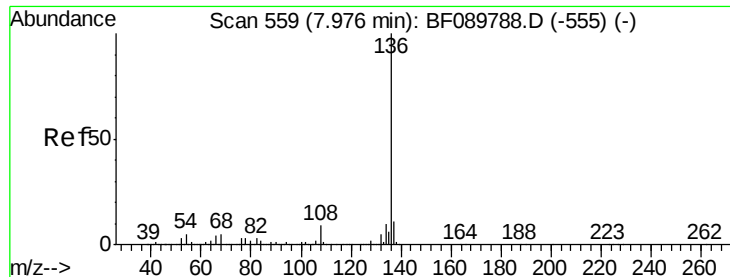
Tot Ion: 70 Resp: 1060898
Ion Ratio Lower Upper
70 100
42 46.8 46.3 69.5
101 10.1 7.0 10.6
130 24.4 14.4 21.6#



#20
3+4-Methylphenols
Concen: 33.91 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:107 Resp: 1326752
Ion Ratio Lower Upper
107 100
108 92.6 68.2 108.2
77 104.9 122.3 162.3#
79 26.8 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:136 Resp: 2186756

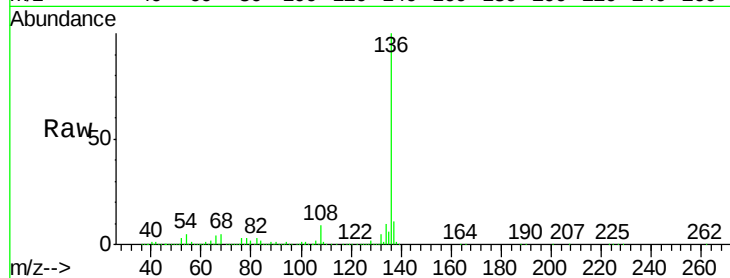
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 5.1 7.2 10.8#

68 5.0 5.8 8.8#

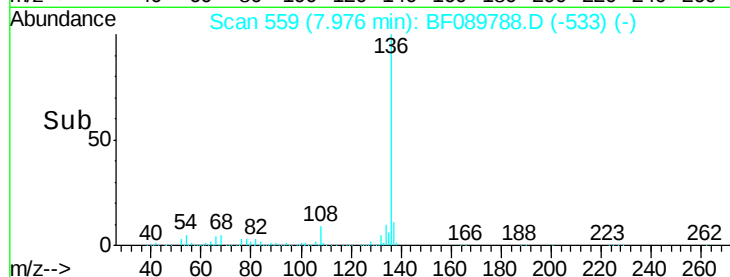


Abundance Ion 136.00 (135.70 to 136.70): E

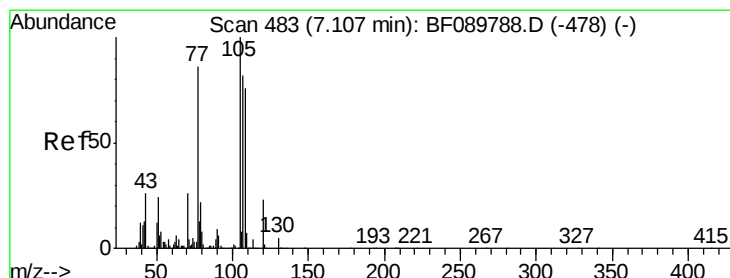
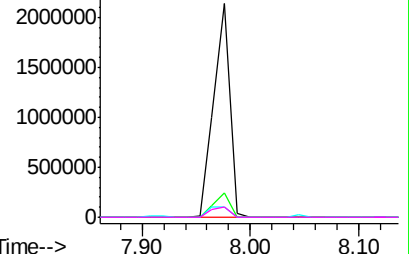
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.76 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:105 Resp: 2071754

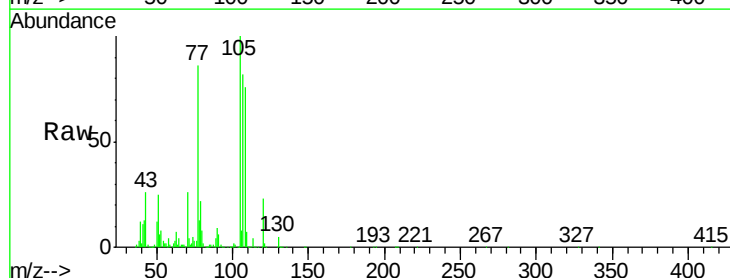
Ion Ratio Lower Upper

105 100

71 4.4 1.9 2.9#

51 24.5 28.5 42.7#

120 23.2 16.6 25.0

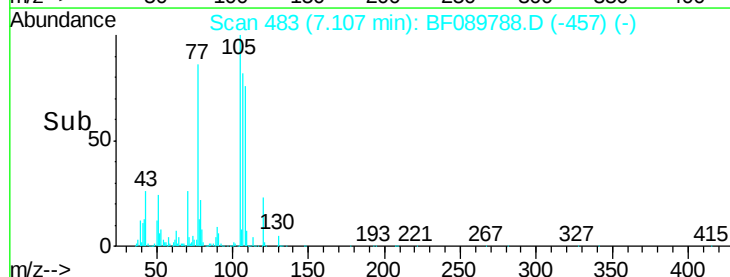


Abundance Ion 105.00 (104.70 to 105.70): E

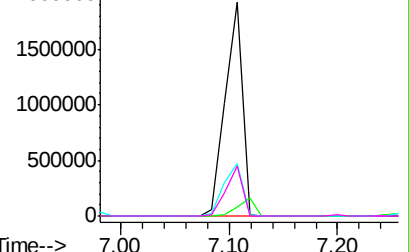
Ion 71.00 (70.70 to 71.70): BF0

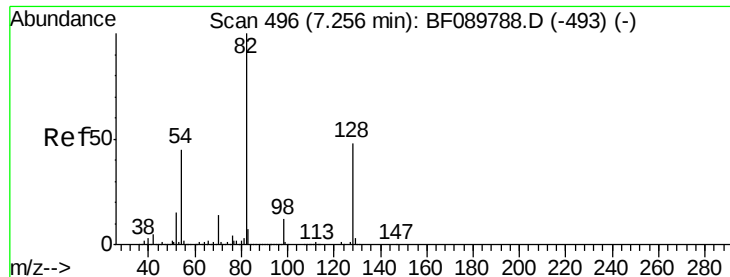
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 75.00 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

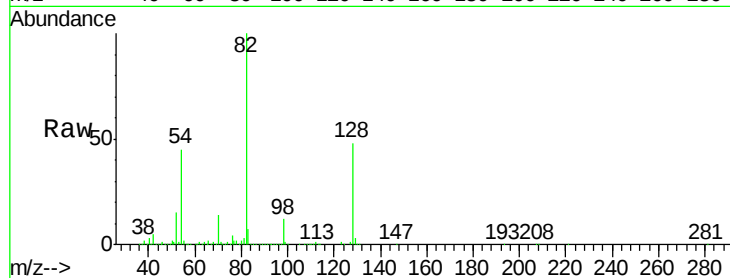
Tot Ion: 82 Resp: 2685969

Ion Ratio Lower Upper

82 100

128 48.3 34.4 51.6

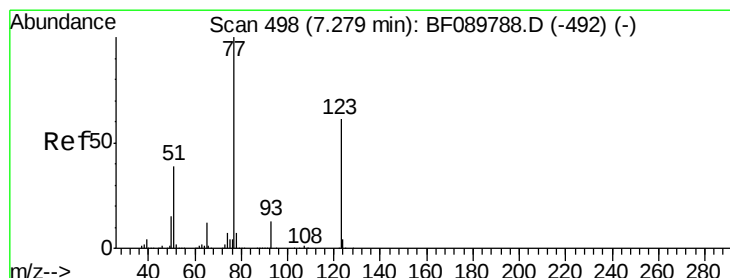
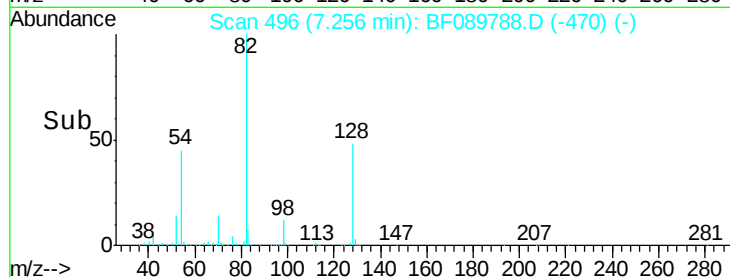
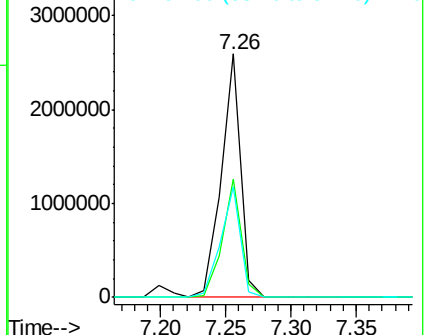
54 45.3 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.66 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

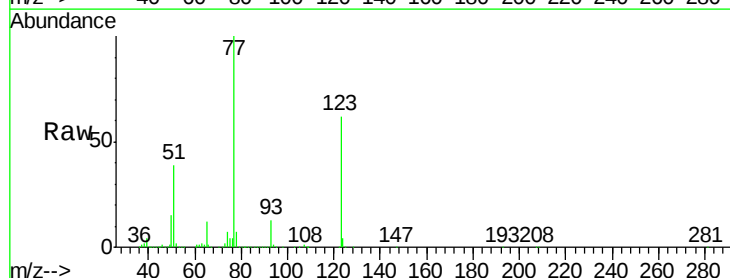
Tgt Ion: 77 Resp: 1637773

Ion Ratio Lower Upper

77 100

123 62.0 36.2 54.2#

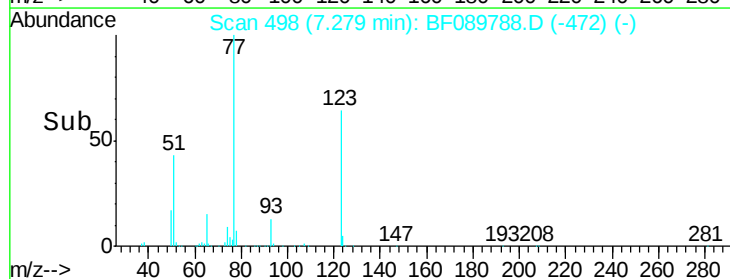
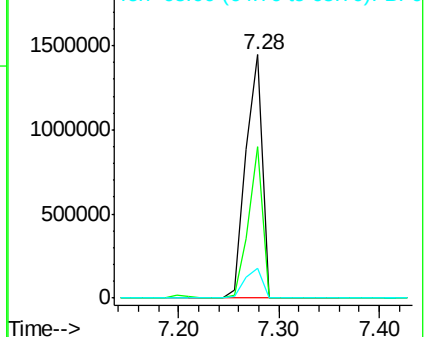
65 12.4 10.6 15.8



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: 39.82 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

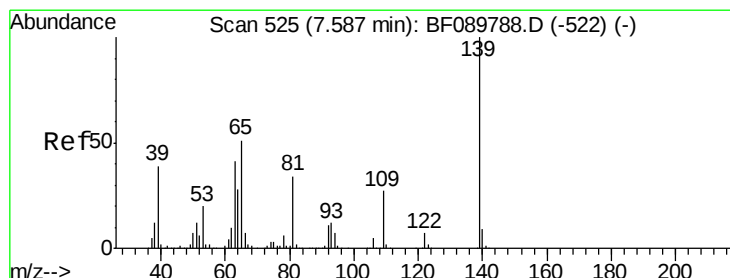
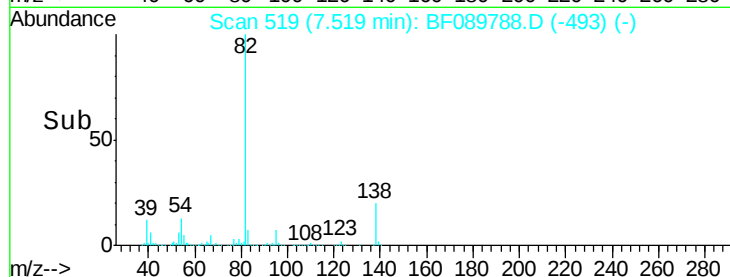
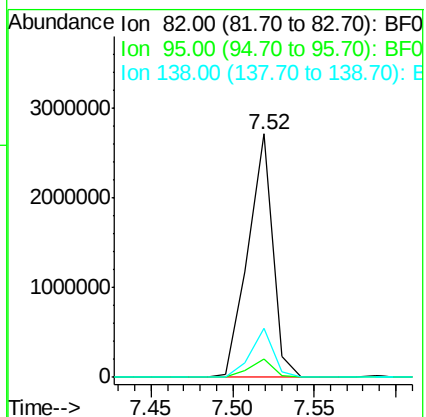
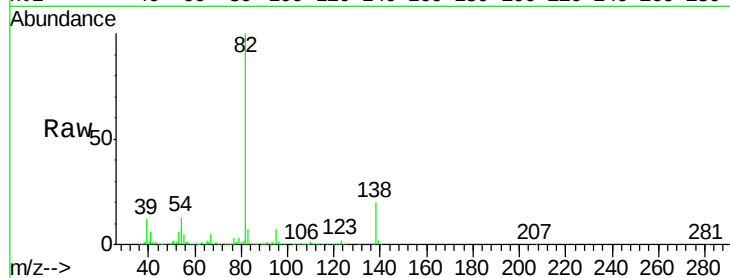
Tot Ion: 82 Resp: 2853049

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 20.3 13.0 19.4#



#26

2-Nitrophenol

Concen: 38.94 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

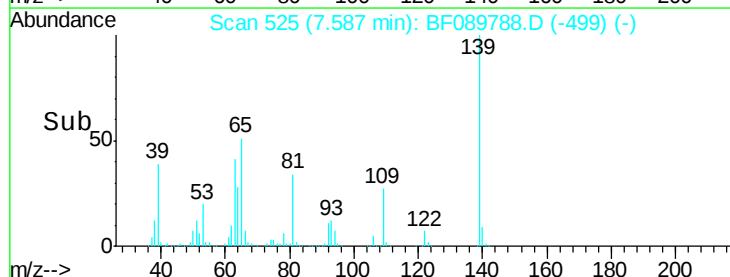
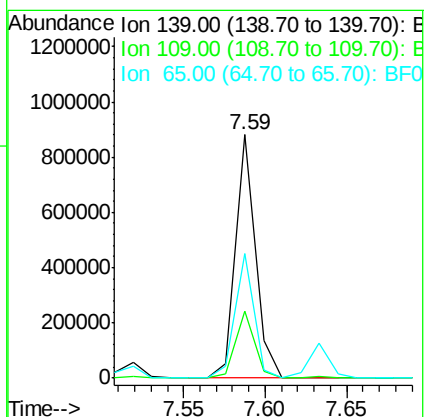
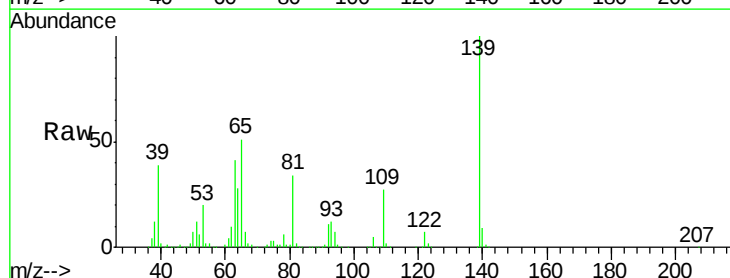
Tgt Ion: 139 Resp: 738044

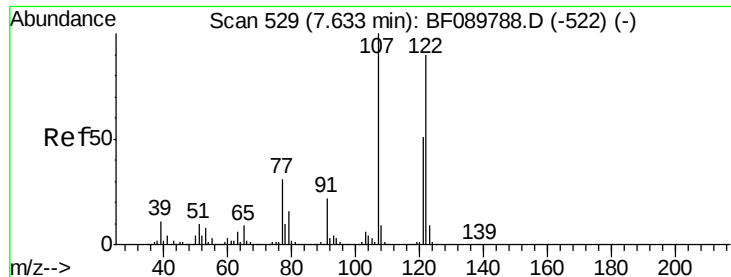
Ion Ratio Lower Upper

139 100

109 27.5 19.5 29.3

65 51.0 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 36.33 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

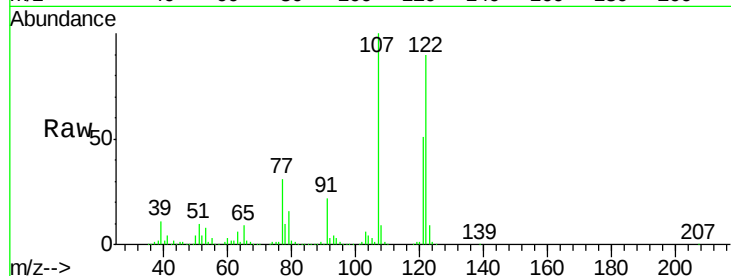
Tot Ion:122 Resp: 1305261

Ion Ratio Lower Upper

122 100

107 111.7 84.8 127.2

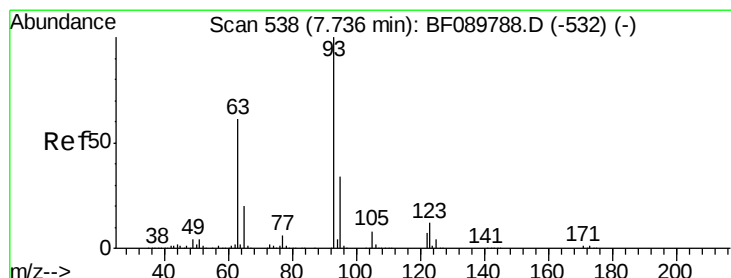
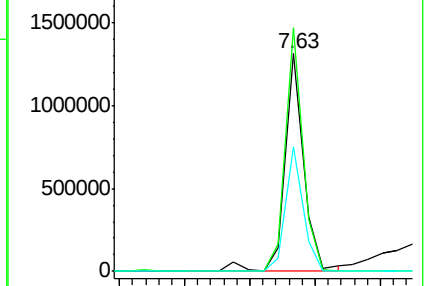
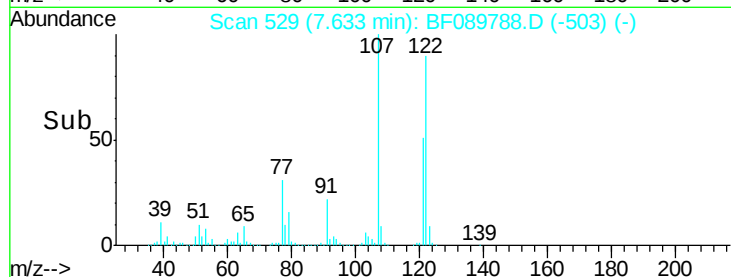
121 56.9 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.94 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

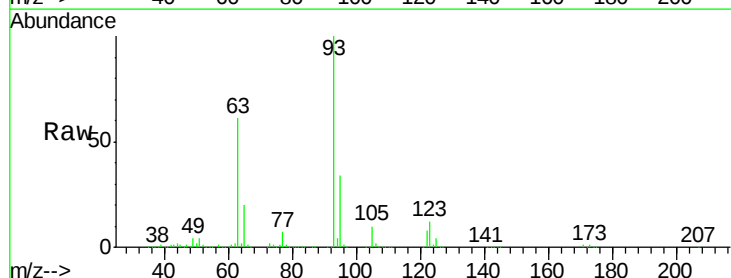
Tgt Ion: 93 Resp: 1869487

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

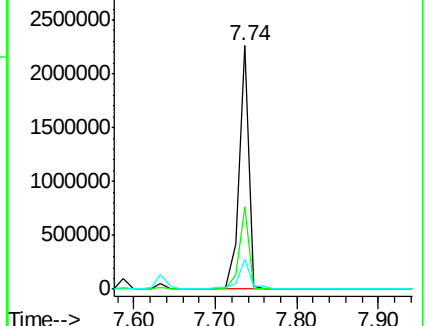
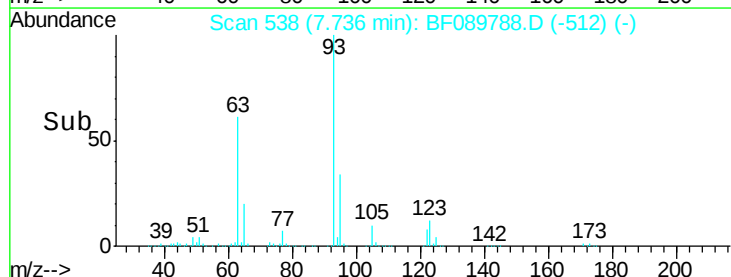
123 12.4 8.5 12.7

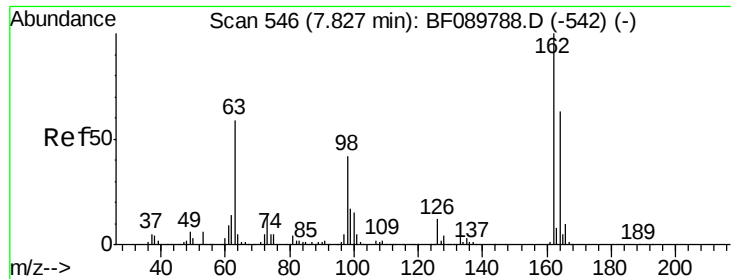


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.81 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

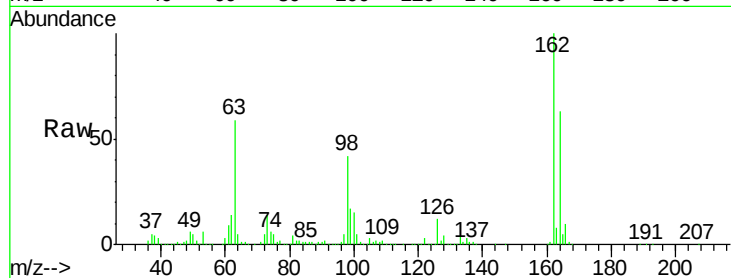
Tot Ion:162 Resp: 1131087

Ion Ratio Lower Upper

162 100

164 62.5 45.5 85.5

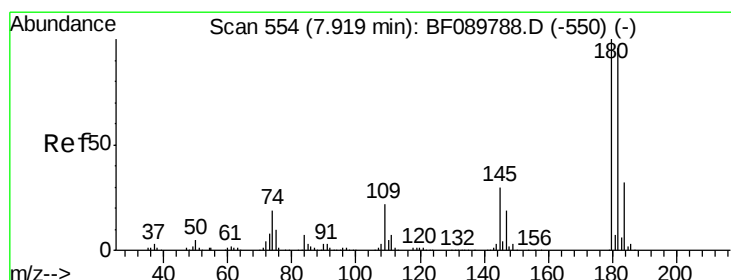
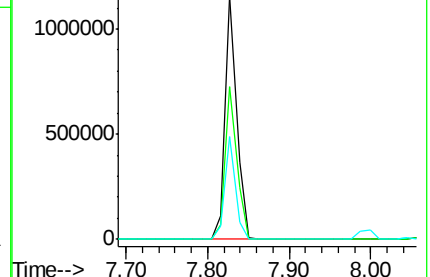
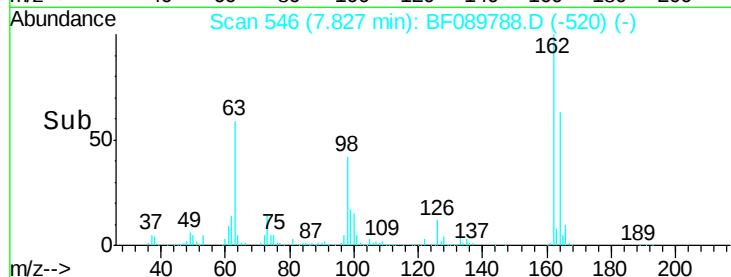
98 42.0 12.4 52.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.85 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

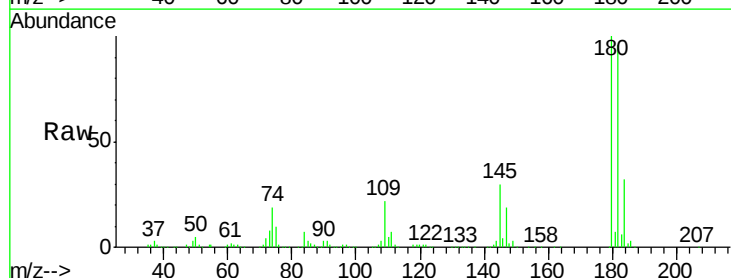
Tgt Ion:180 Resp: 1343774

Ion Ratio Lower Upper

180 100

182 96.0 75.5 113.3

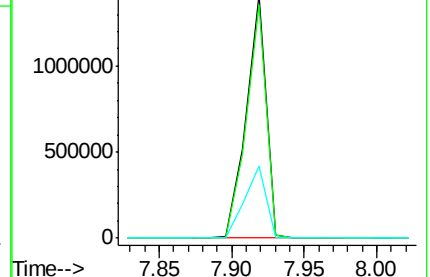
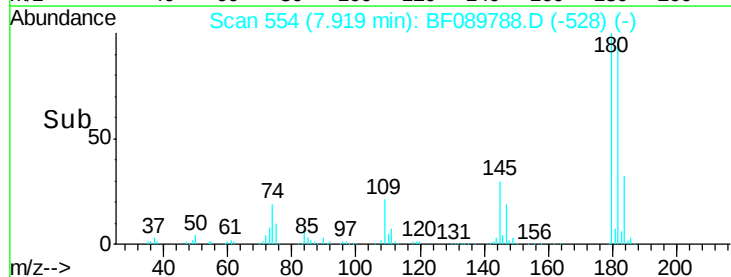
145 29.7 28.7 43.1

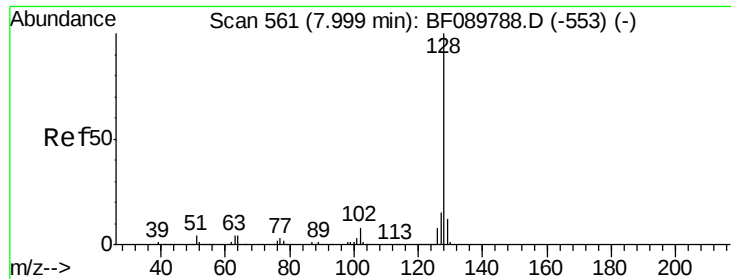


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

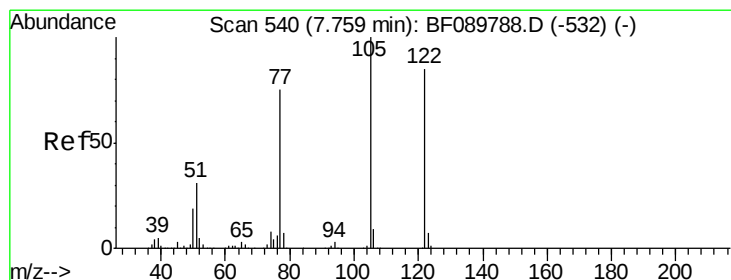
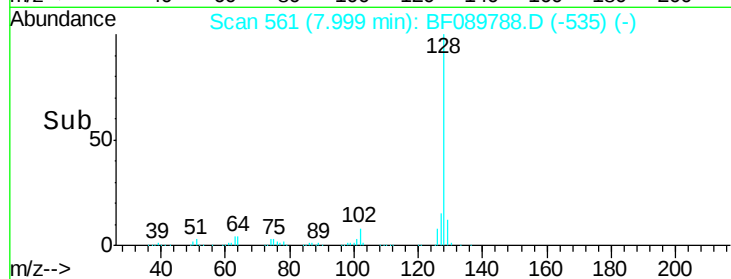
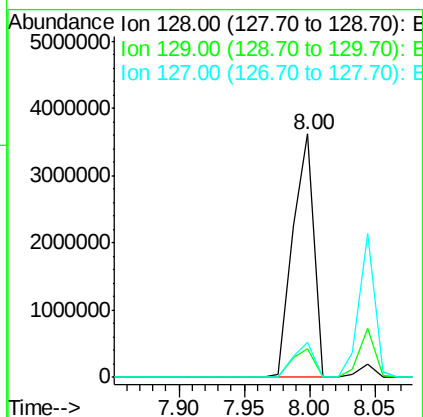
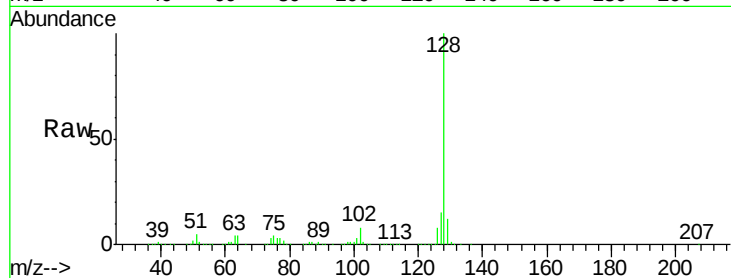




#31
Naphthalene
Concen: 41.49 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

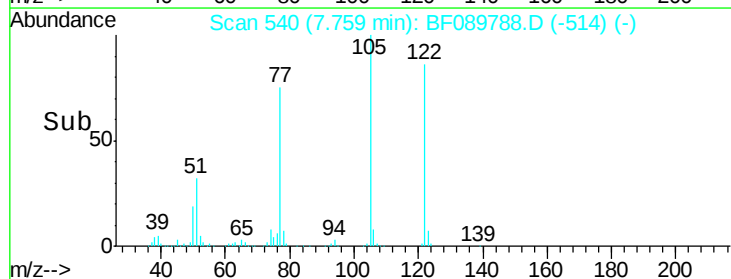
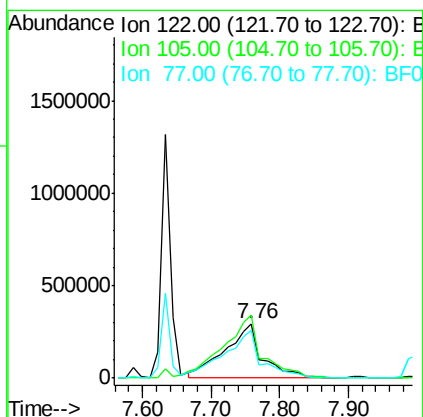
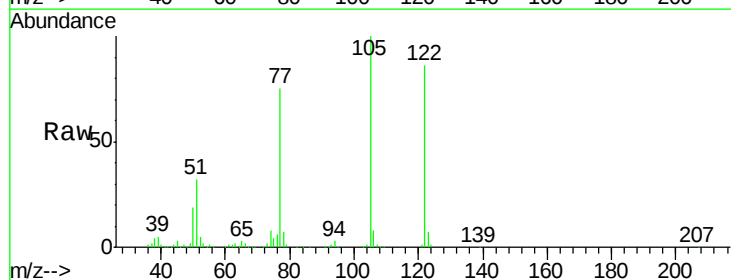
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

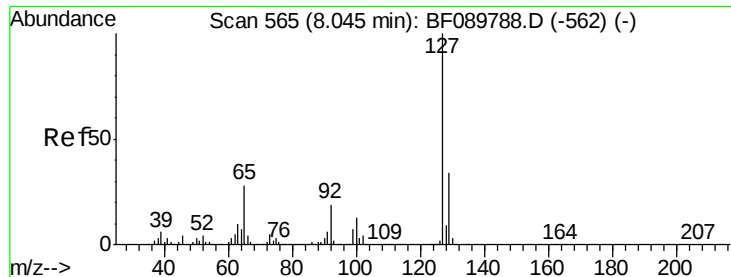
Tot Ion:128 Resp: 4072451
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 39.29 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:122 Resp: 1097535
Ion Ratio Lower Upper
122 100
105 116.6 100.8 140.8
77 88.0 72.1 112.1

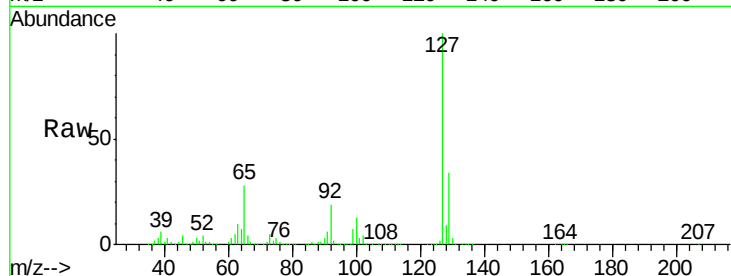




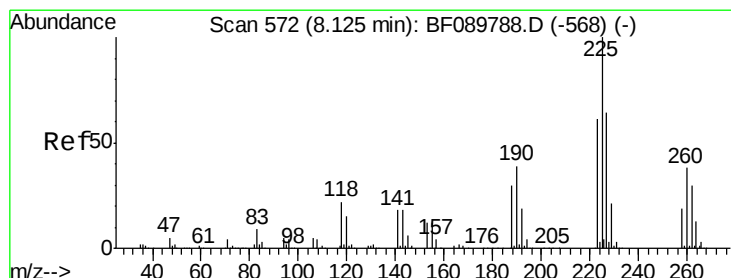
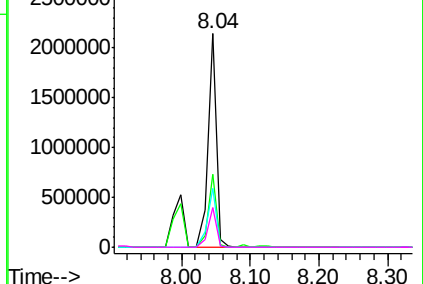
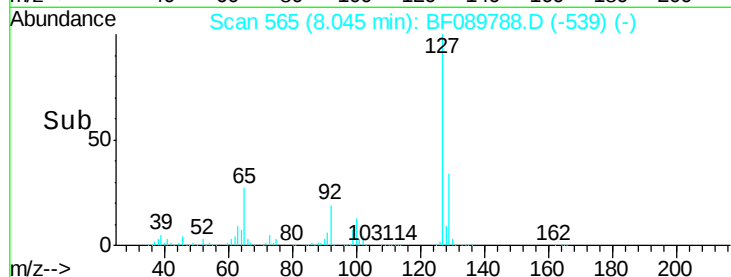
#33
4-Chloroaniline
Concen: 39.69 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:127 Resp: 1802618
Ion Ratio Lower Upper
127 100
129 34.2 27.0 40.6
65 27.7 14.7 22.1#
92 18.7 11.7 17.5#

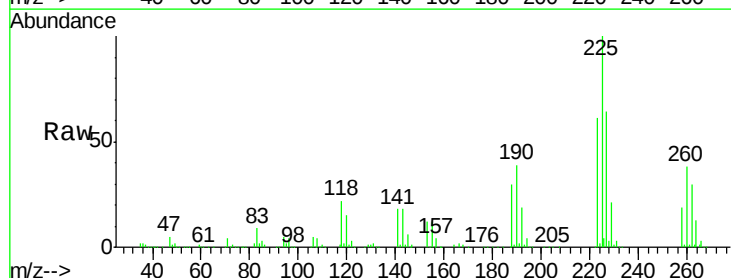


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

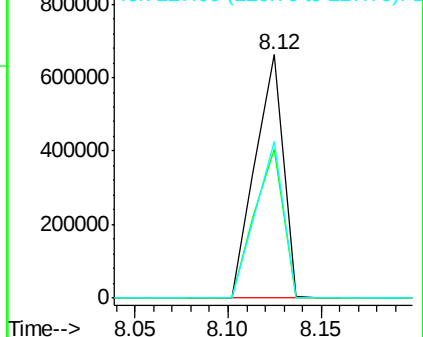
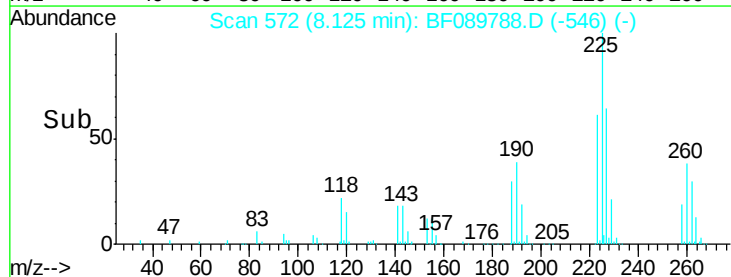


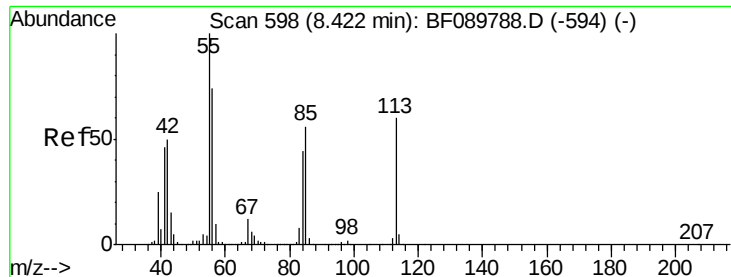
#34
Hexachlorobutadiene
Concen: 40.75 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:225 Resp: 687489
Ion Ratio Lower Upper
225 100
223 61.2 51.0 76.6
227 64.4 49.8 74.6



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: 38.51 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

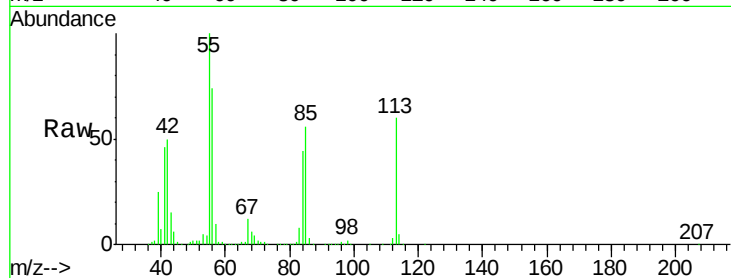
Tot Ion:113 Resp: 355004

Ion Ratio Lower Upper

113 100

55 166.0 135.9 175.9

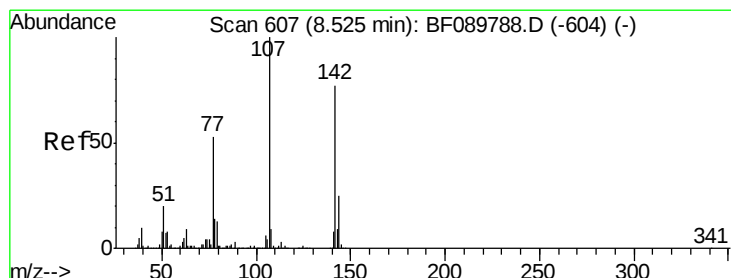
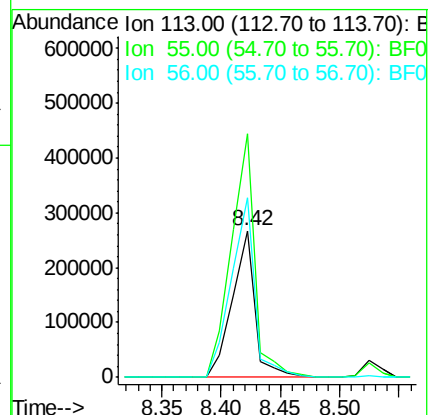
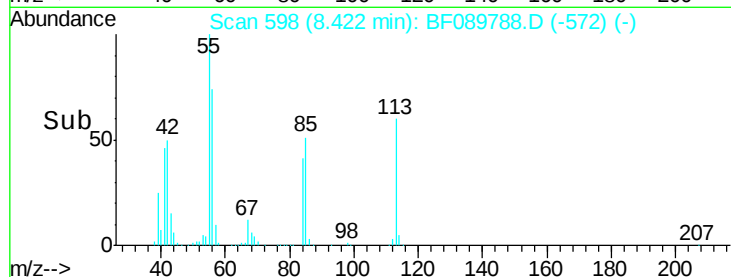
56 122.7 93.9 133.9



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: 36.00 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

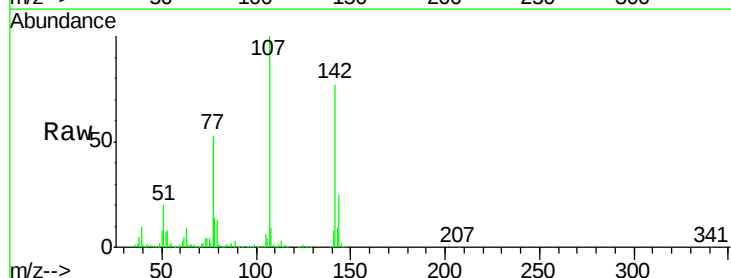
Tgt Ion:107 Resp: 1172446

Ion Ratio Lower Upper

107 100

144 25.2 22.6 34.0

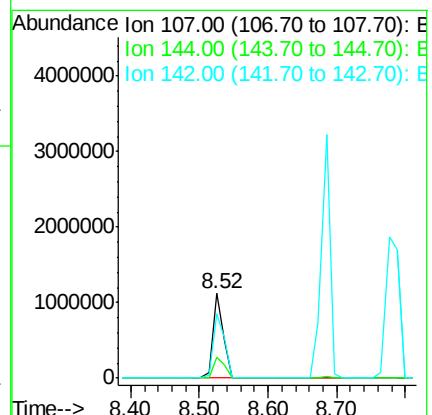
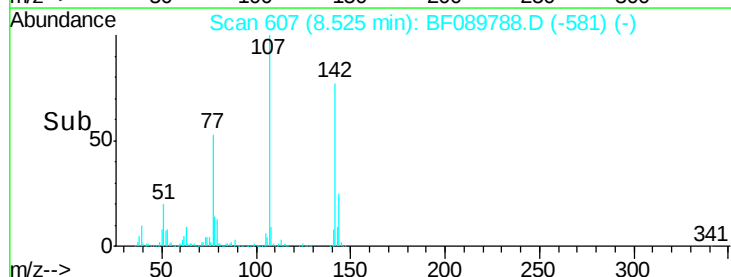
142 76.5 69.3 103.9

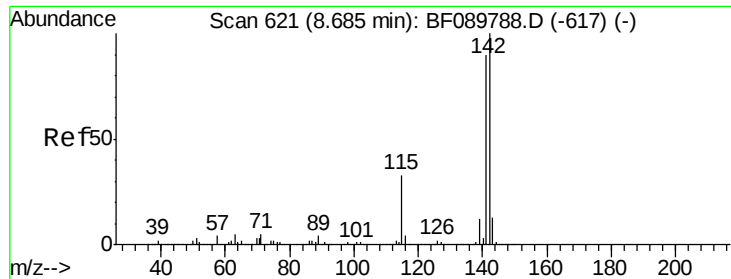


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



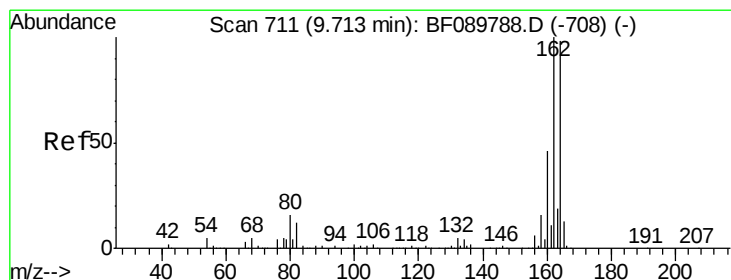
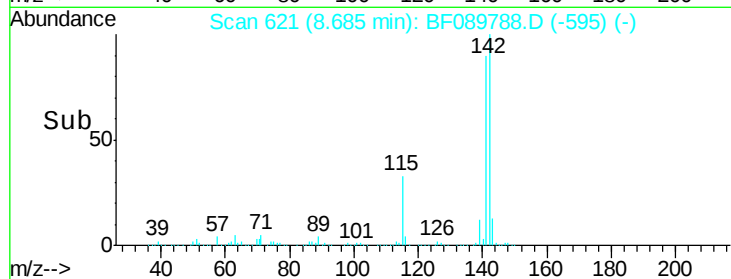
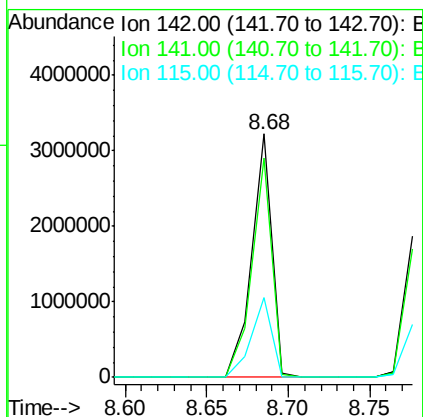
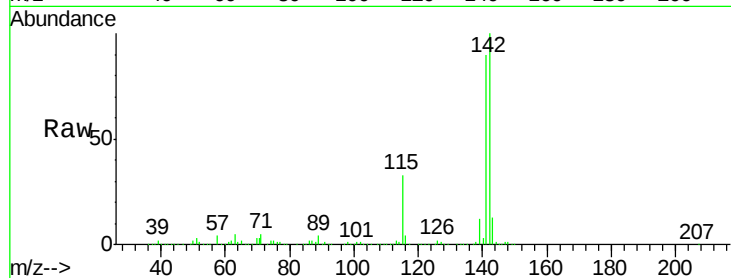


#37
 2-Methylnaphthalene
 Concen: 41.22 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:142 Resp: 2753851

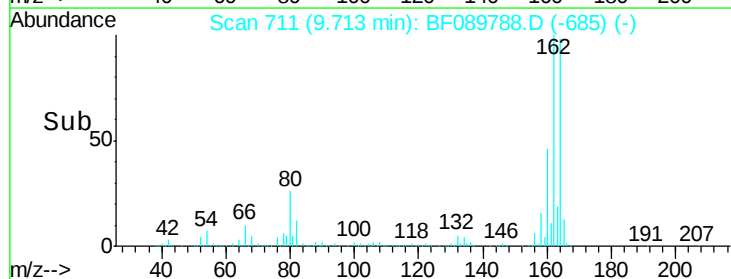
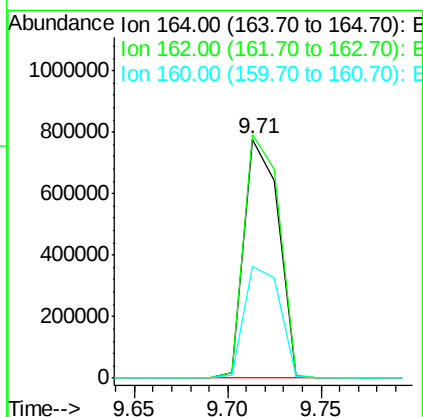
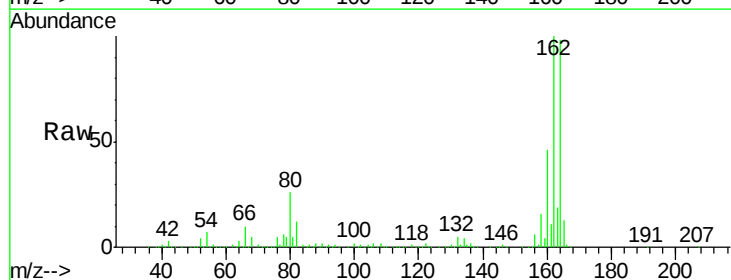
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	32.8	22.7	34.1

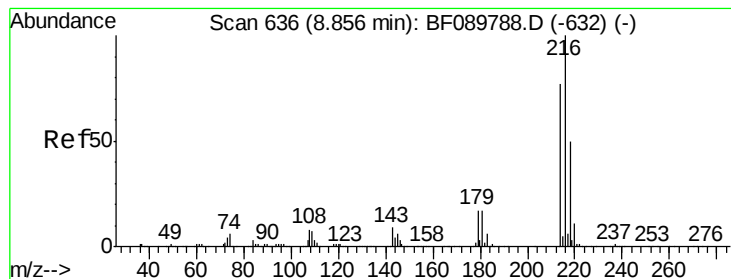


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:164 Resp: 989575

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.2
160	46.7	37.8	56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.79 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:216 Resp: 1329449

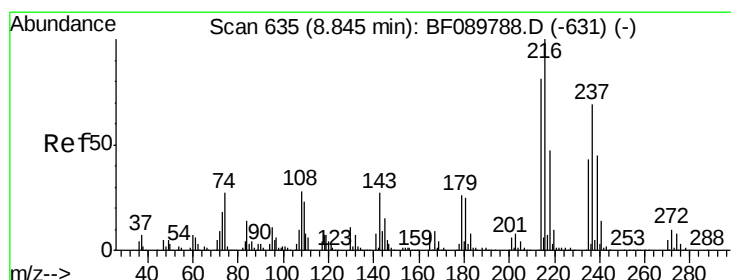
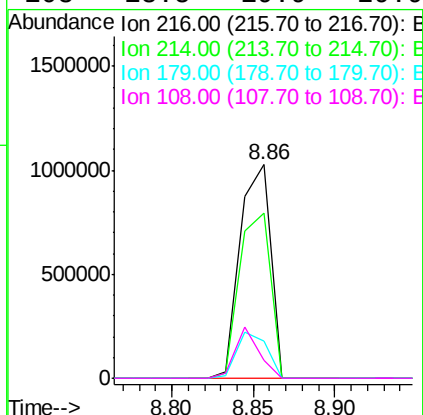
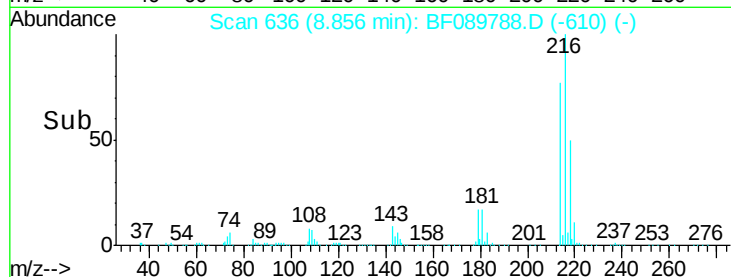
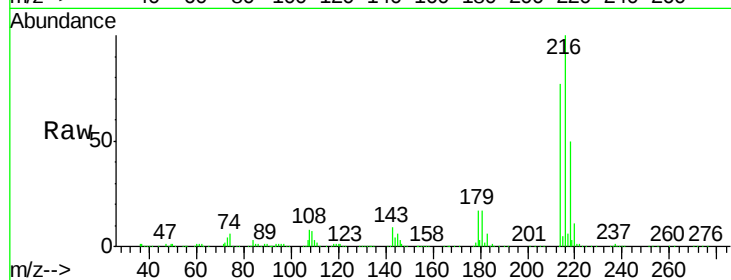
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.5	95.3
179	21.3	19.9	29.9
108	18.5	19.9	29.9

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.20 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

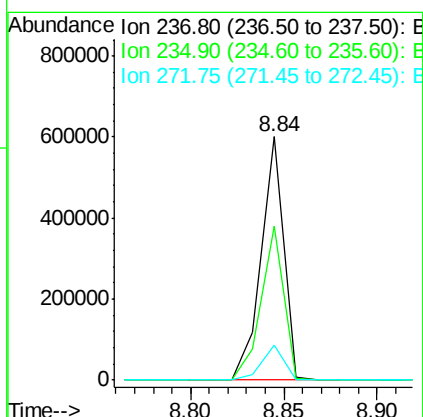
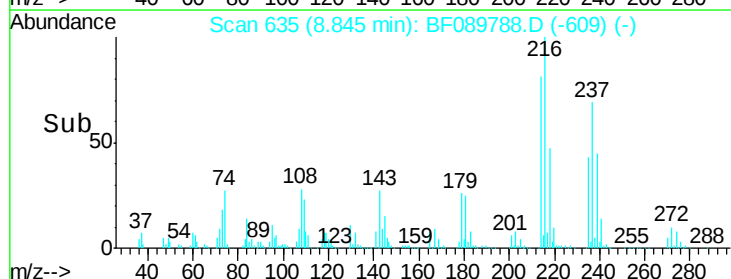
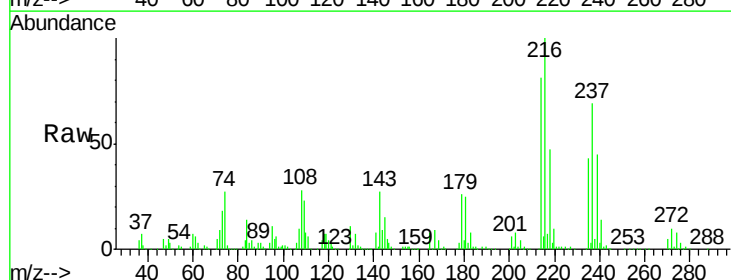
Tgt Ion:237 Resp: 498996

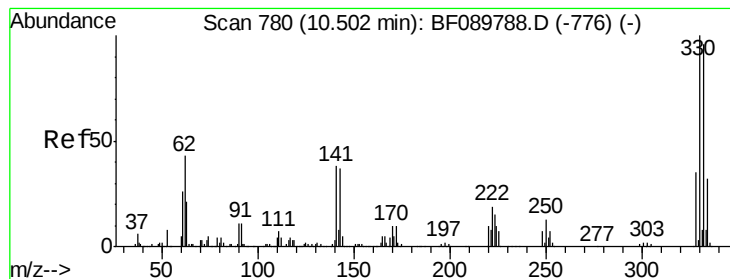
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	14.2	0.0	31.6

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 78.35 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

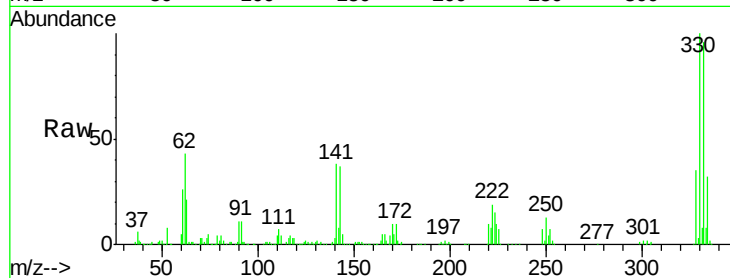
Tot Ion:330 Resp: 750093

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

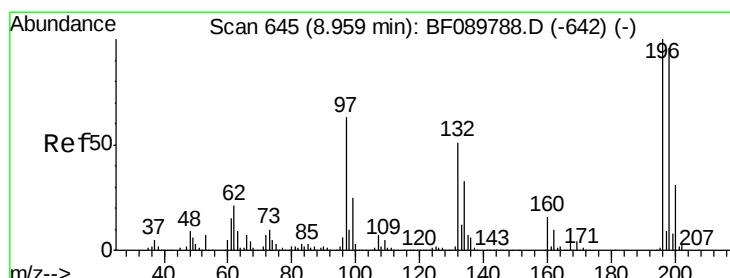
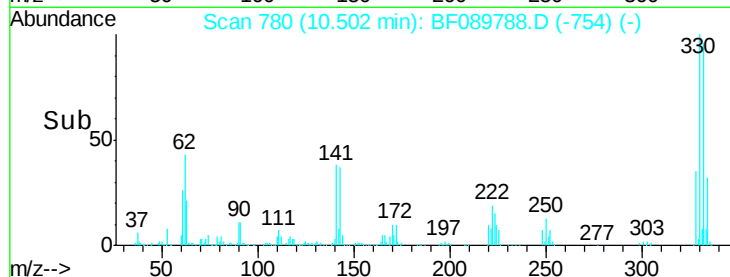
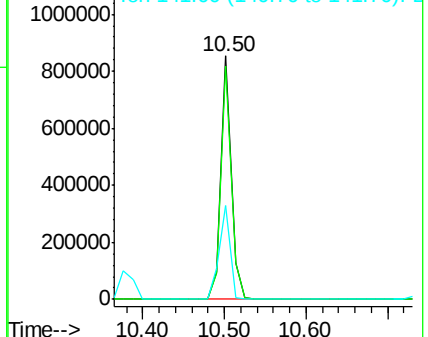
141 41.3 30.2 45.2



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: 41.82 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

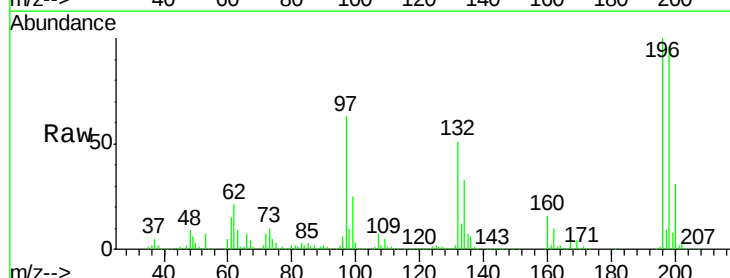
Tgt Ion:196 Resp: 859412

Ion Ratio Lower Upper

196 100

198 96.0 76.3 114.5

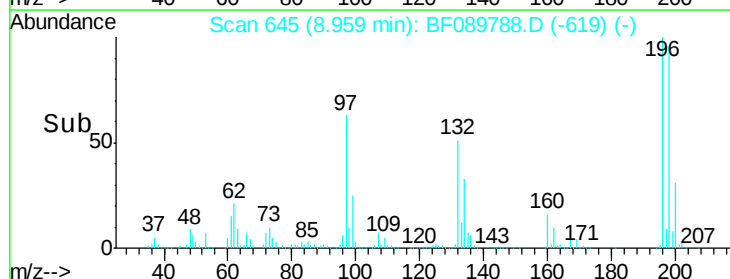
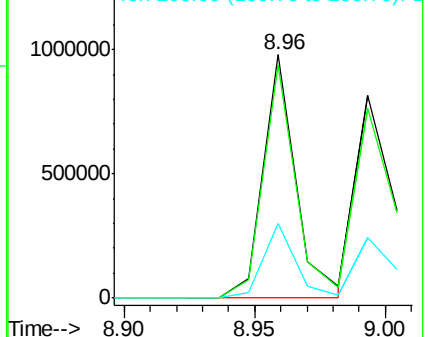
200 30.6 24.6 36.8

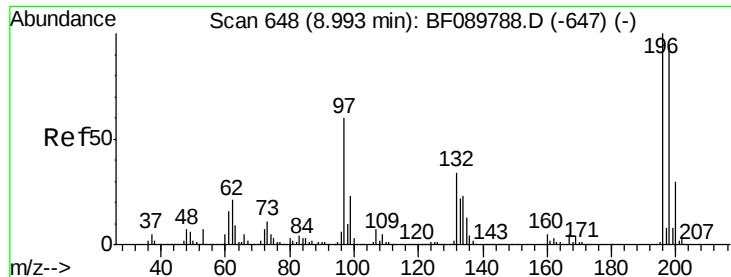


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

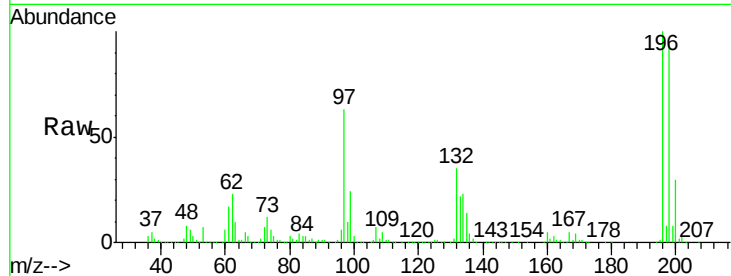




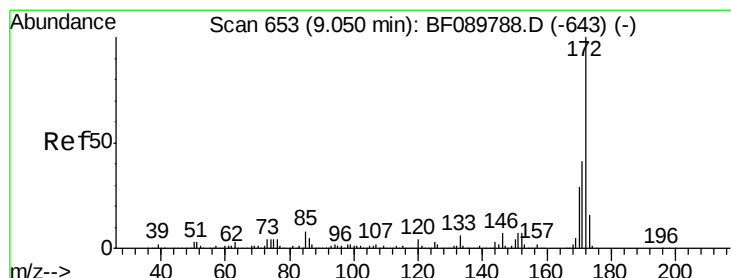
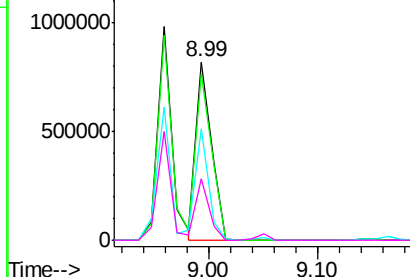
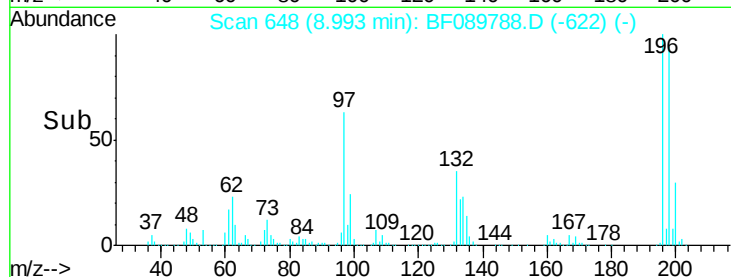
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.6	114.8
97	62.6	35.8	53.8
132	34.9	23.5	35.3

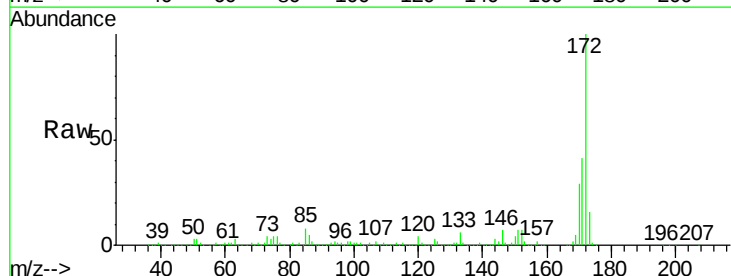


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

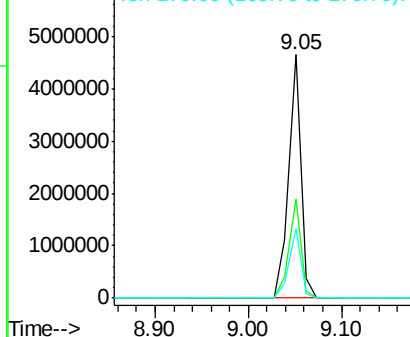
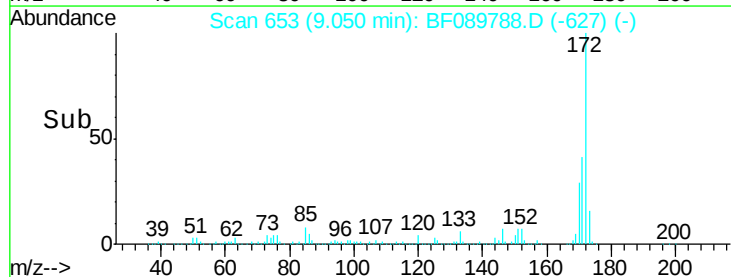


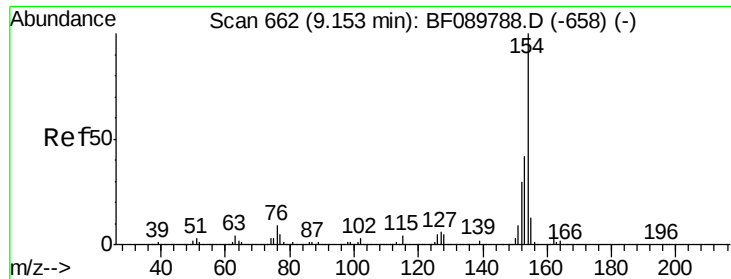
#44
 2-Fluorobiphenyl
 Concen: 68.55 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.7	30.5	45.7
170	28.5	20.6	31.0



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



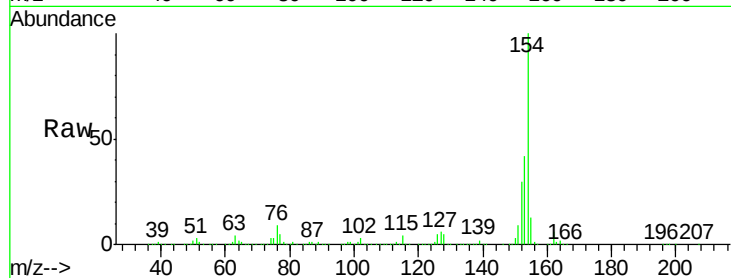


#45
 1,1'-Biphenyl
 Concen: 40.11 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

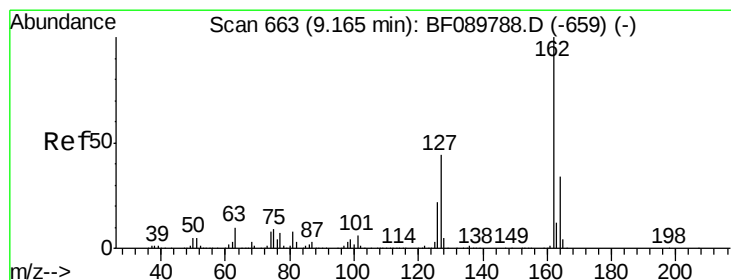
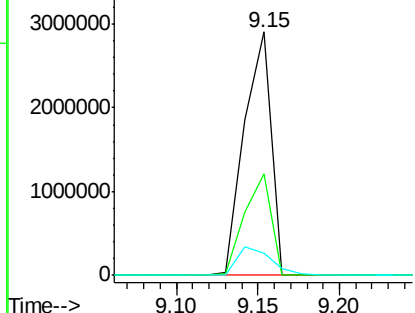
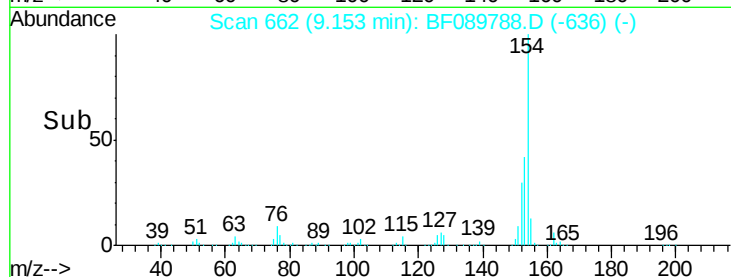
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:154 Resp: 3287514

Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.5	61.5
76	8.9	0.0	36.7



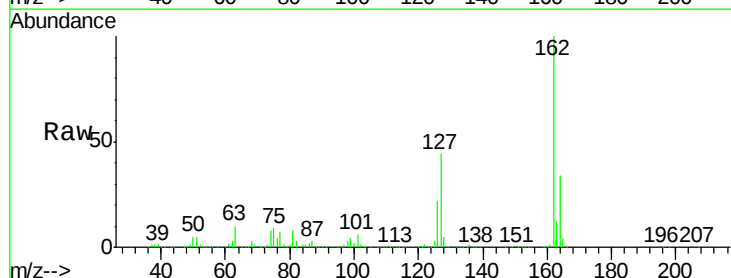
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



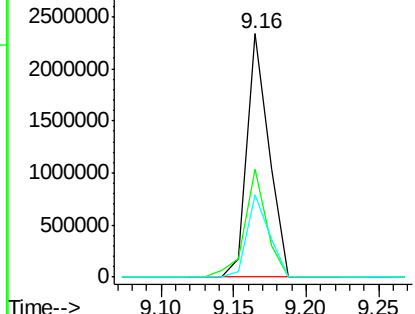
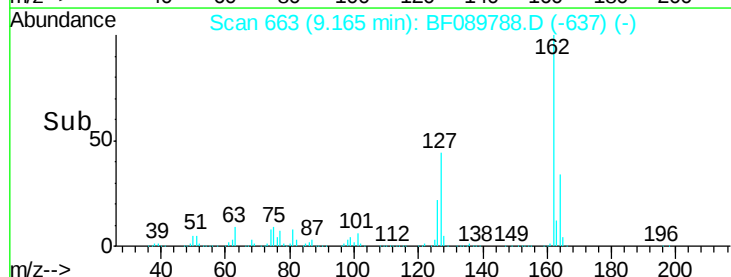
#46
 2-Chloronaphthalene
 Concen: 39.70 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

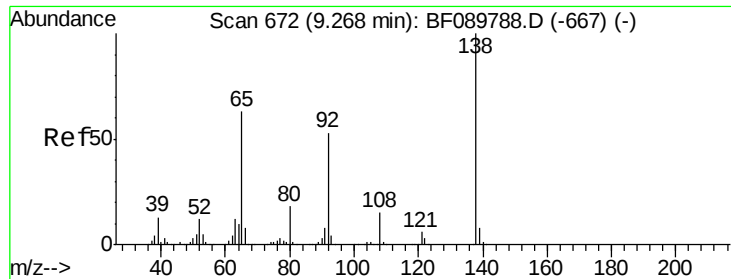
Tgt Ion:162 Resp: 2438030

Ion	Ratio	Lower	Upper
162	100		
127	44.3	35.5	53.3
164	34.0	26.6	40.0



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: 41.96 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

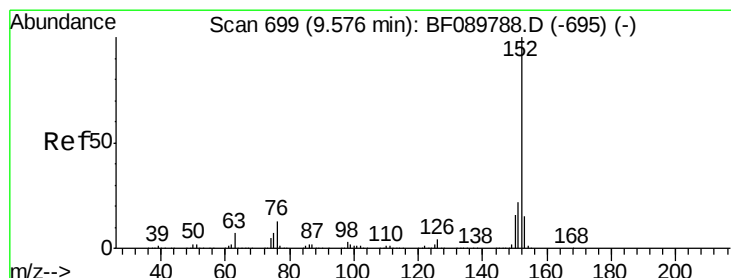
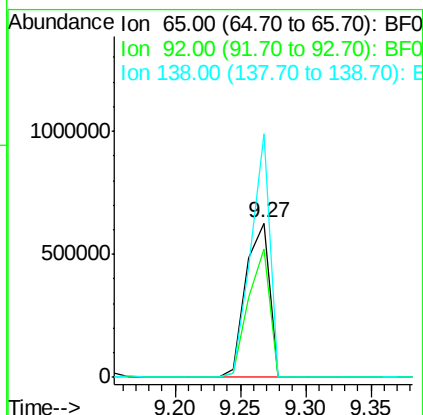
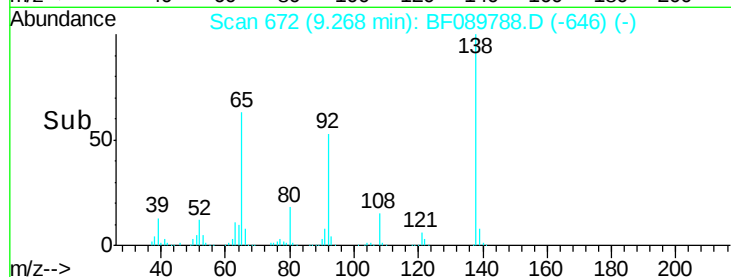
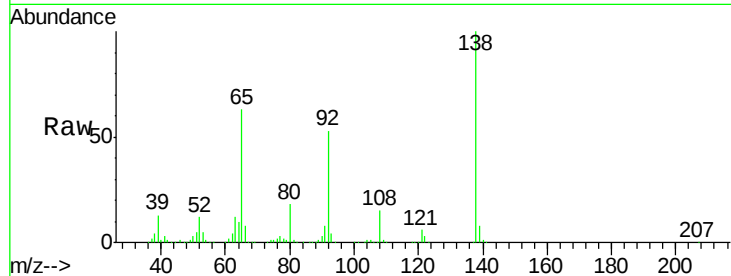
Tot Ion: 65 Resp: 785284

Ion Ratio Lower Upper

65 100

92 83.3 56.3 84.5

138 158.0 81.8 122.8#



#48

Acenaphthylene

Concen: 38.56 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

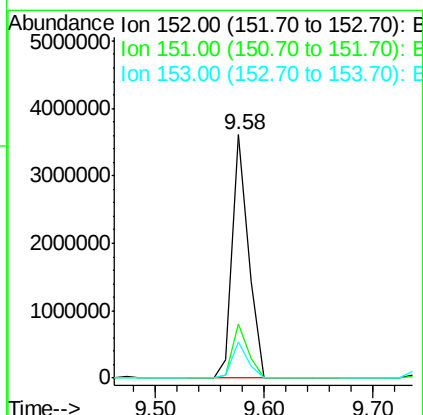
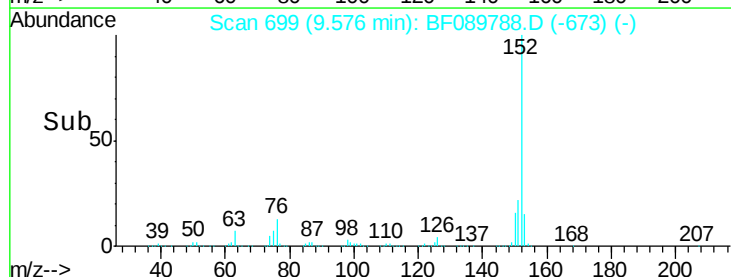
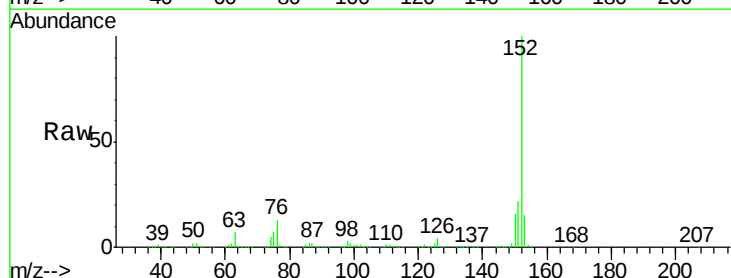
Tgt Ion:152 Resp: 3645847

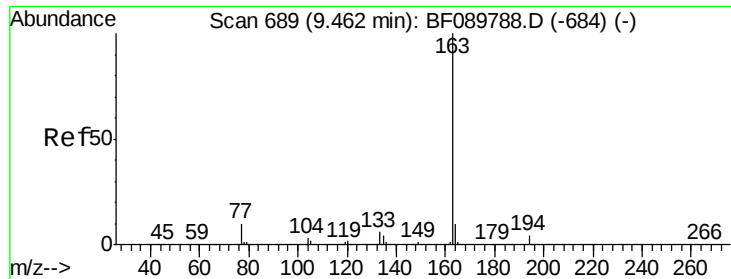
Ion Ratio Lower Upper

152 100

151 22.4 17.1 25.7

153 15.0 11.2 16.8





#49

Dimethylphthalate

Concen: 41.43 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

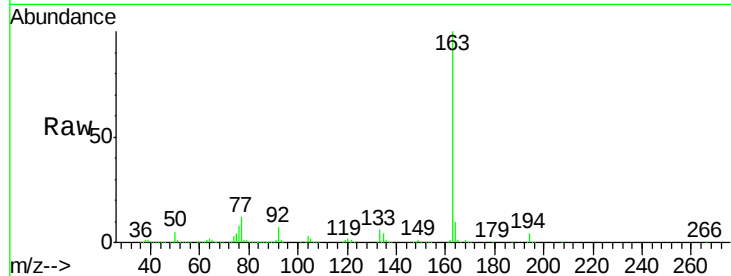
Tot Ion:163 Resp: 2966745

Ion Ratio Lower Upper

163 100

194 4.0 2.6 3.8#

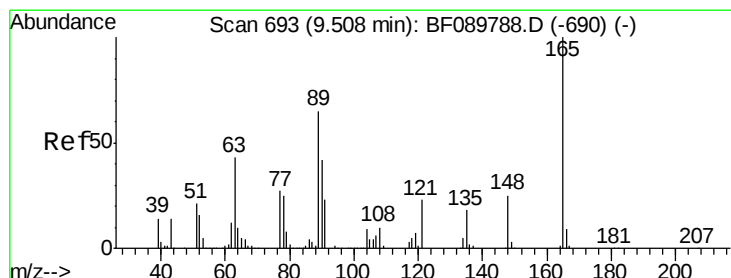
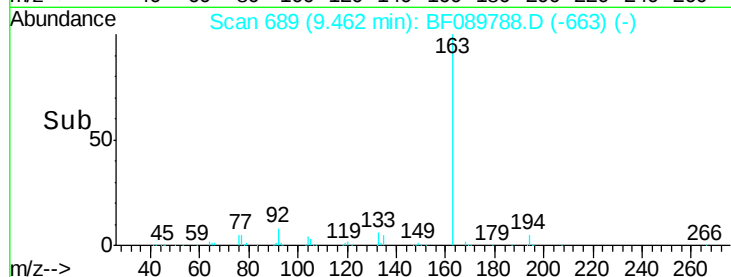
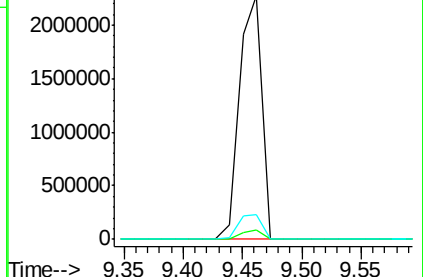
164 10.1 8.6 12.8



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: 37.39 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

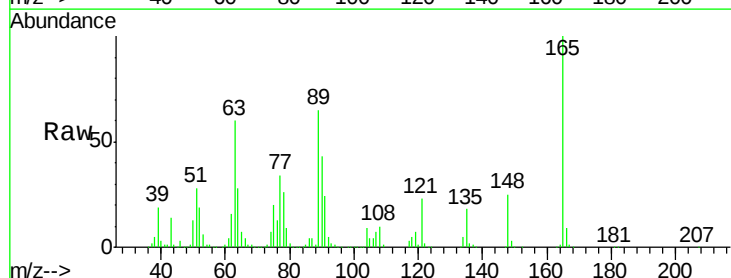
Tgt Ion:165 Resp: 605947

Ion Ratio Lower Upper

165 100

63 60.5 41.7 62.5

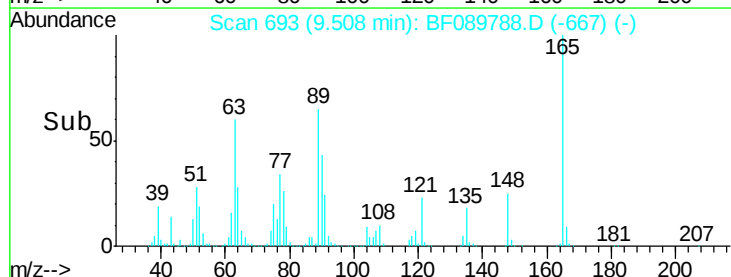
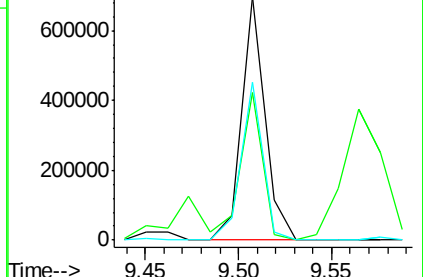
89 64.9 44.6 67.0

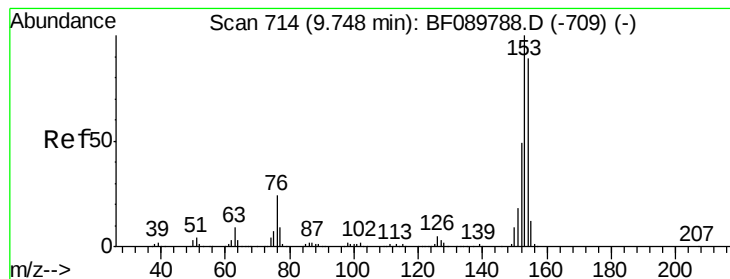


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.02 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

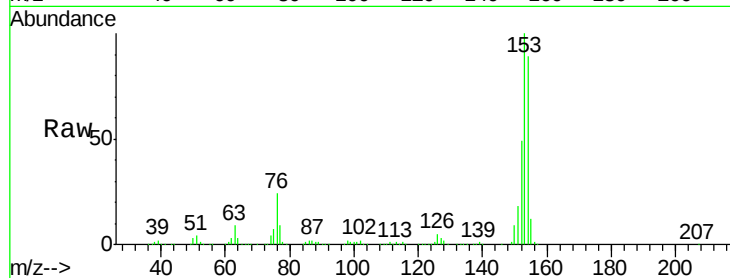
Tot Ion:154 Resp: 2553203

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

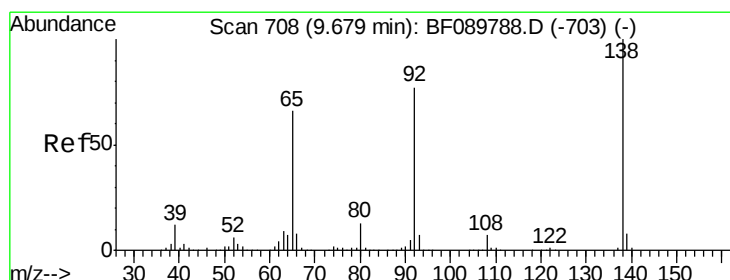
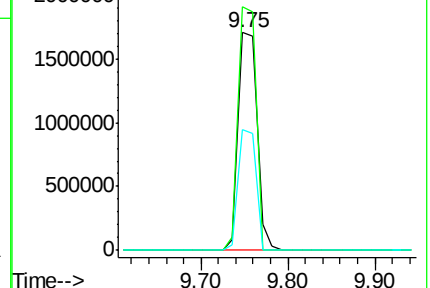
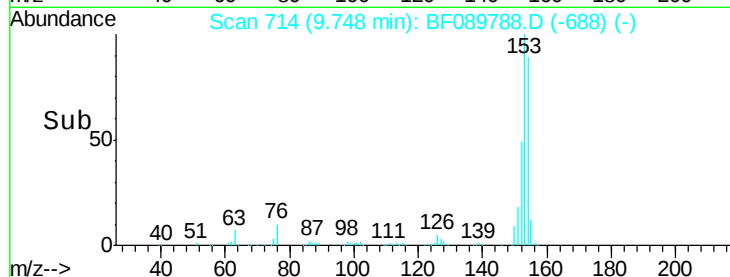
152 55.2 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.63 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

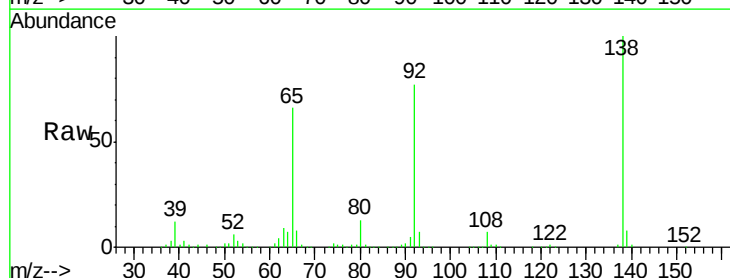
Tgt Ion:138 Resp: 803250

Ion Ratio Lower Upper

138 100

108 7.3 8.1 12.1#

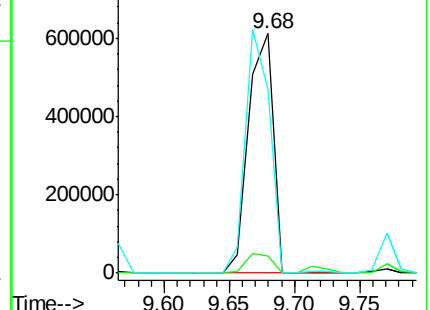
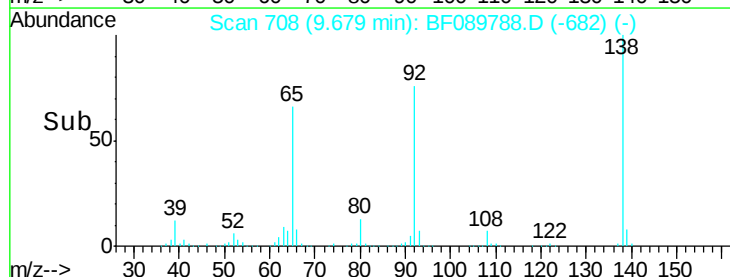
92 76.6 92.7 139.1#

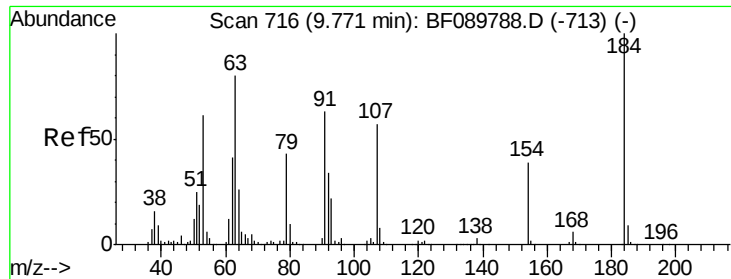


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

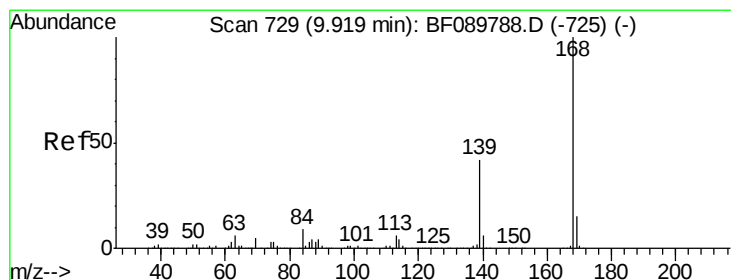
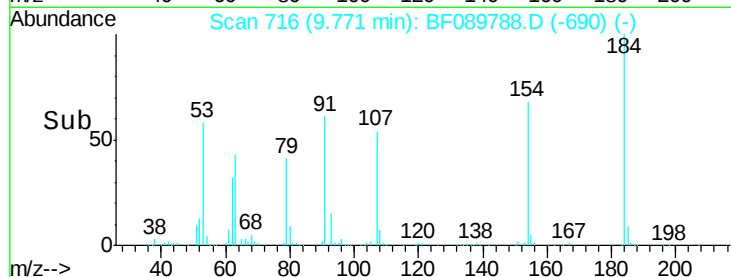
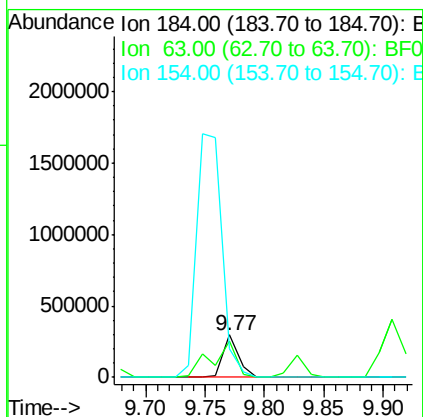
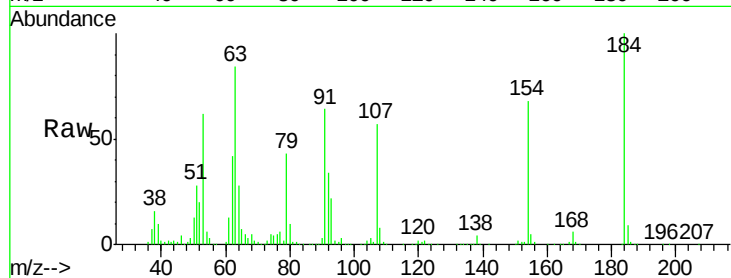




#53
 2,4-Dinitrophenol
 Concen: 46.69 ng
 RT: 9.77 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

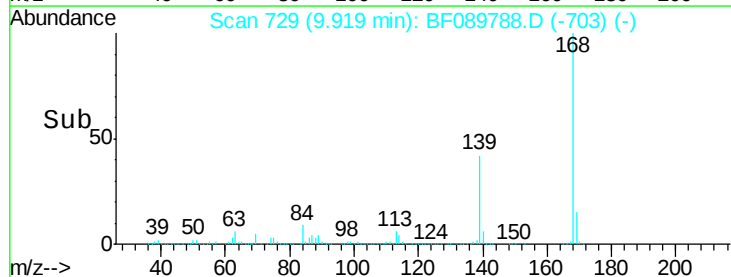
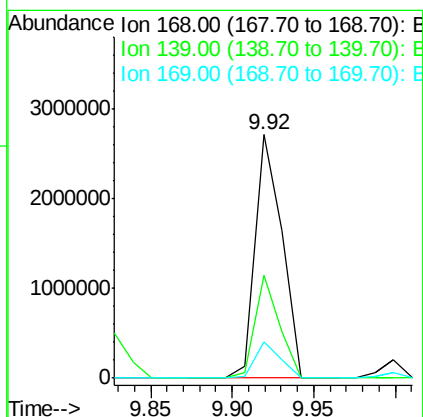
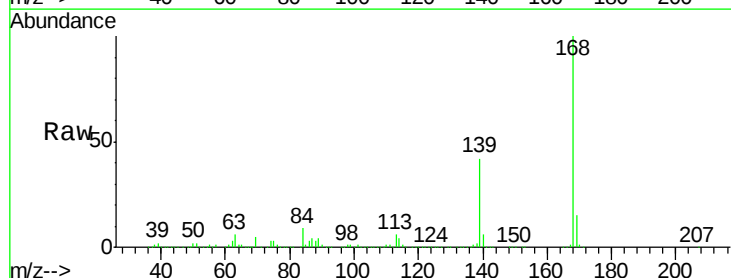
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

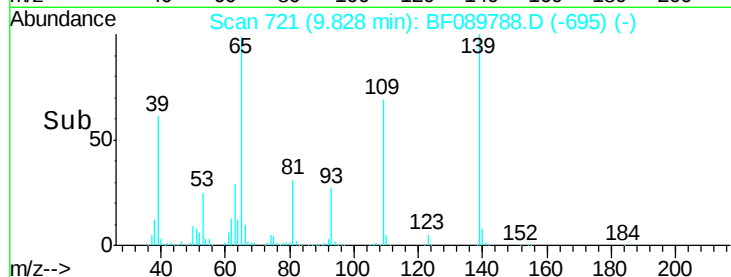
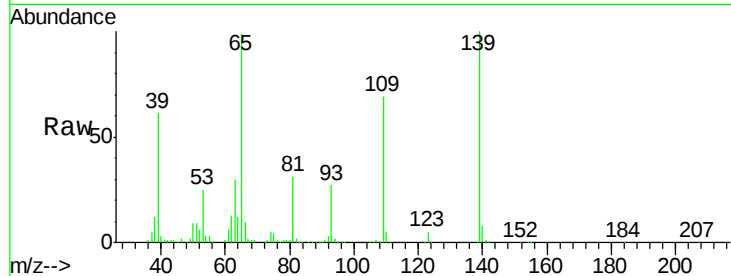
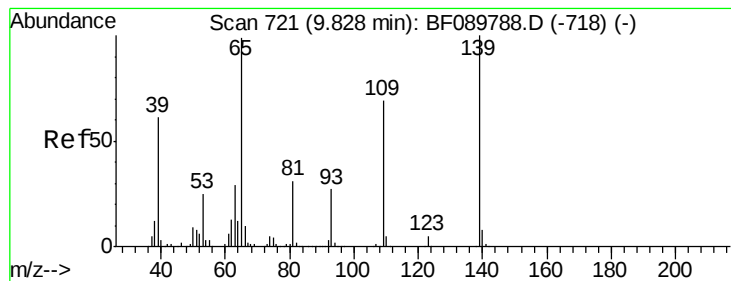
Tot Ion:184 Resp: 268832
 Ion Ratio Lower Upper
 184 100
 63 84.4 54.2 81.4#
 154 68.3 52.7 79.1



#54
 Dibenzofuran
 Concen: 39.36 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:168 Resp: 3090442
 Ion Ratio Lower Upper
 168 100
 139 42.2 34.6 52.0
 169 15.0 11.5 17.3





#55

4-Nitrophenol

Concen: 36.24 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

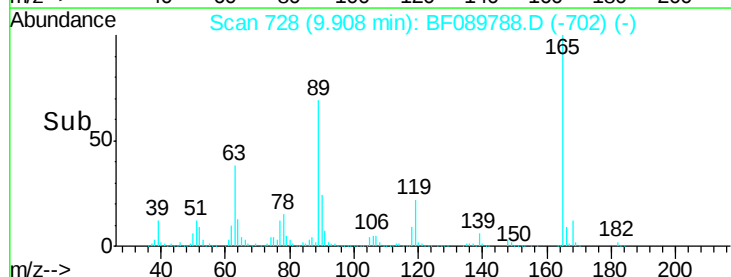
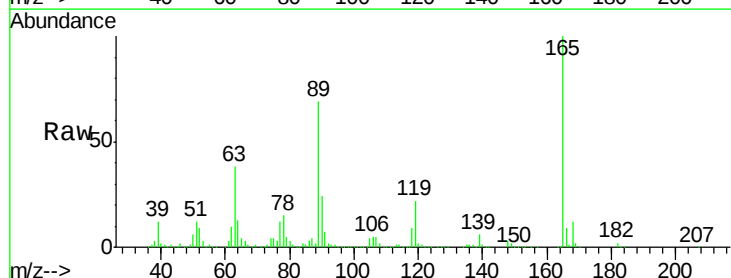
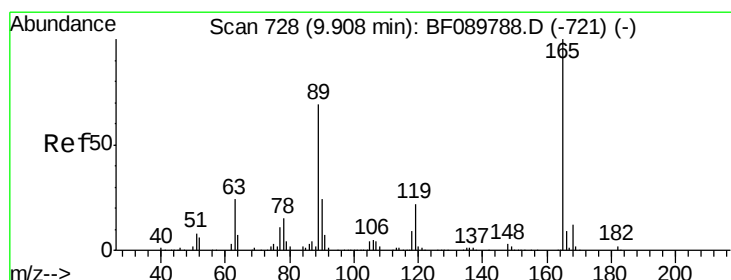
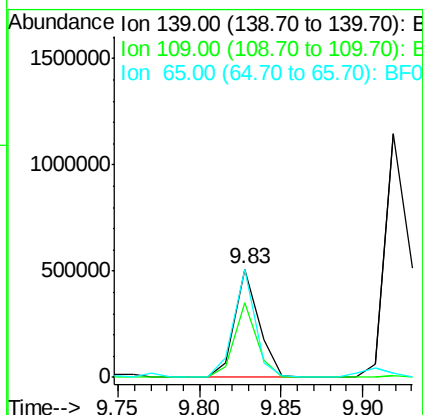
Tot Ion:139 Resp: 525316

Ion Ratio Lower Upper

139 100

109 68.7 43.0 83.0

65 99.3 55.7 95.7#



#56

2,4-Dinitrotoluene

Concen: 45.29 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:165 Resp: 943514

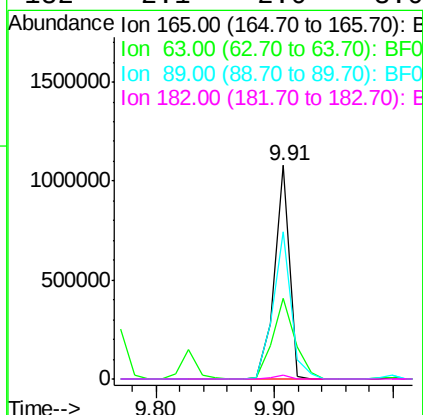
Ion Ratio Lower Upper

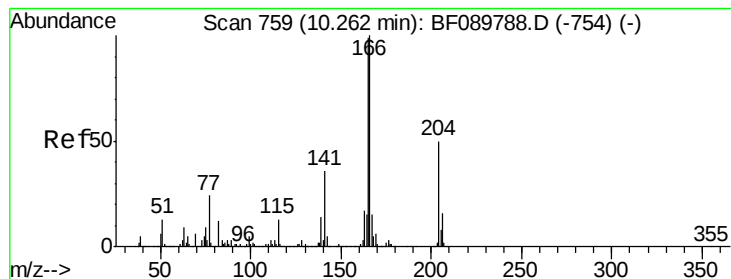
165 100

63 37.7 23.7 35.5#

89 69.0 44.0 66.0#

182 2.1 2.0 3.0





#57

Fluorene

Concen: 36.25 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

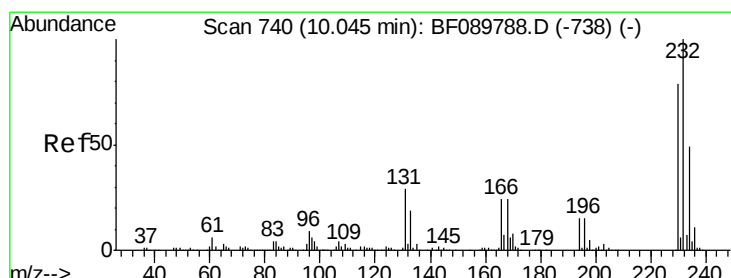
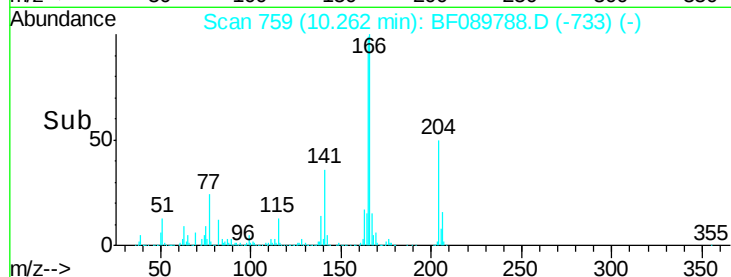
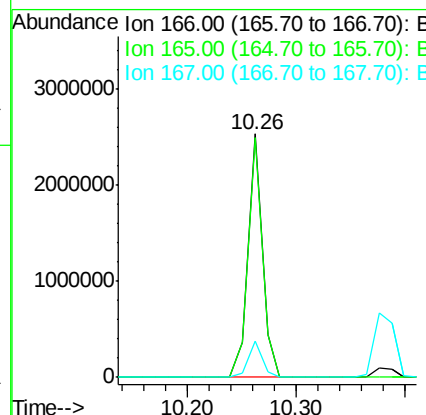
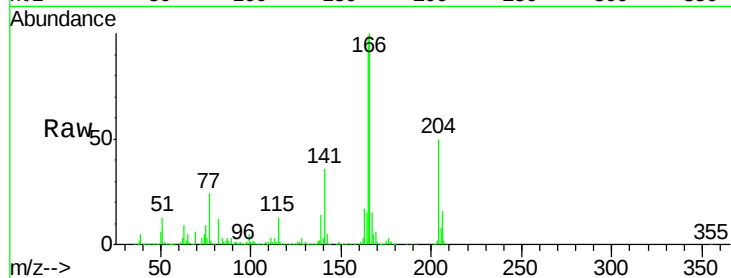
Tot Ion:166 Resp: 2299547

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.4

167 14.7 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.90 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:232 Resp: 610565

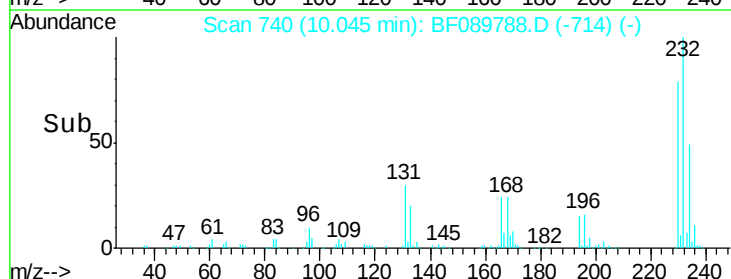
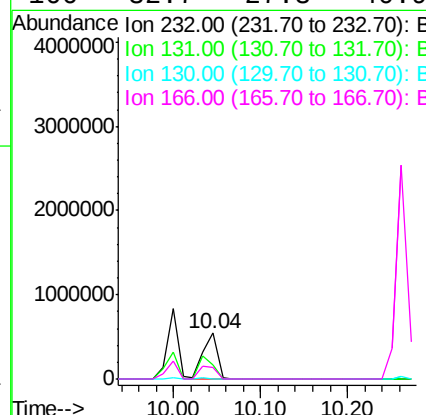
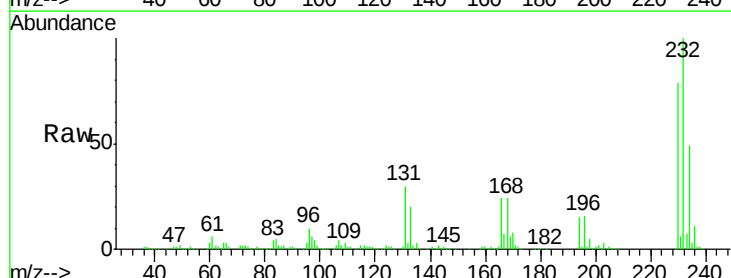
Ion Ratio Lower Upper

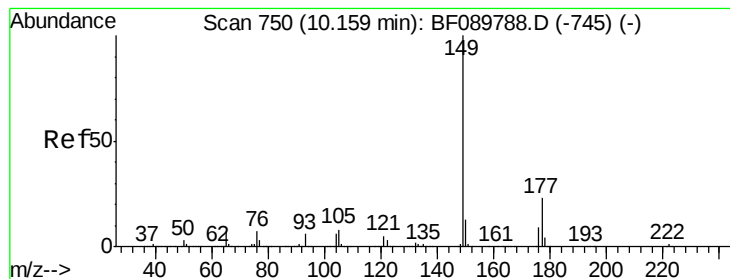
232 100

131 48.9 42.5 63.7

130 2.3 2.2 3.4

166 32.7 27.3 40.9





#59

Diethylphthalate

Concen: 41.79 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

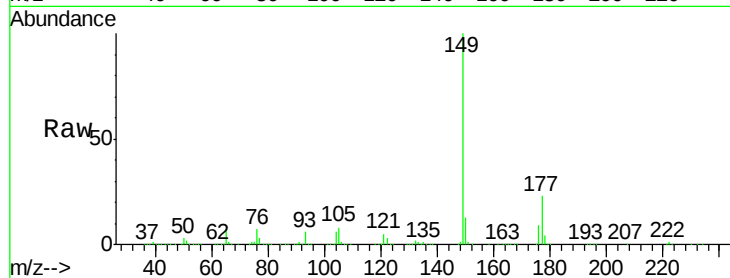
Tot Ion:149 Resp: 3034015

Ion Ratio Lower Upper

149 100

177 23.3 16.6 25.0

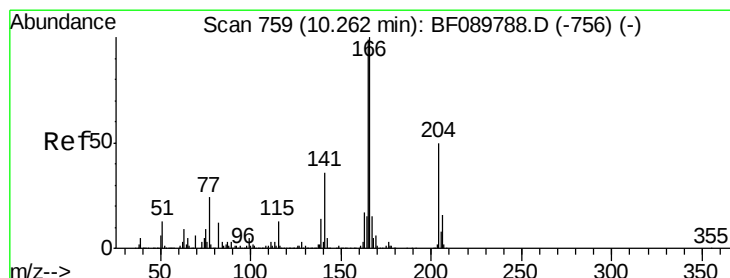
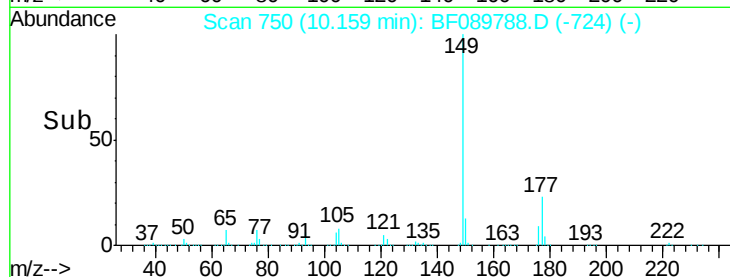
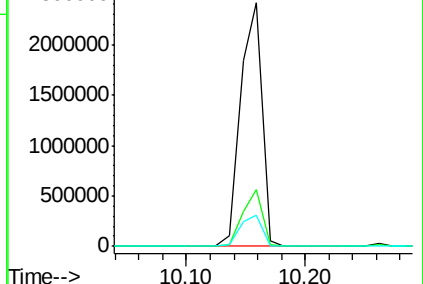
150 12.7 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.22 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

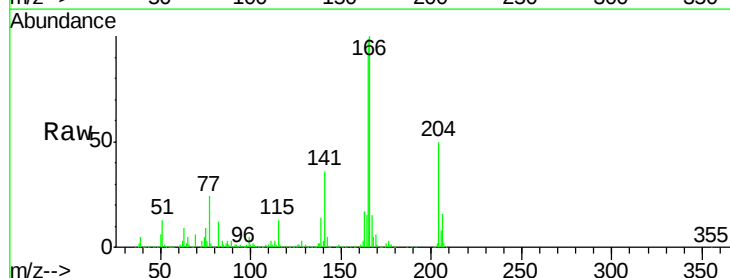
Tgt Ion:204 Resp: 1065735

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

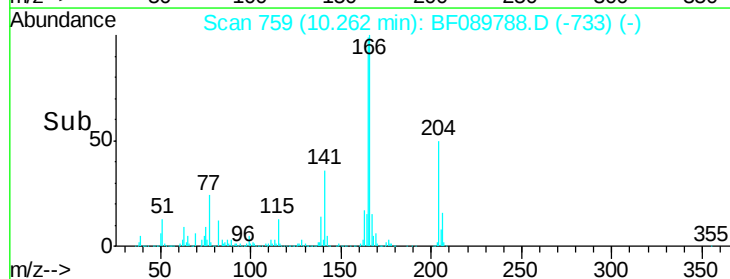
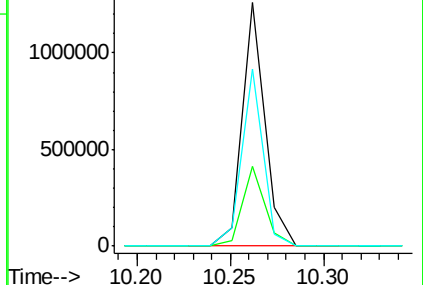
141 72.5 54.1 81.1

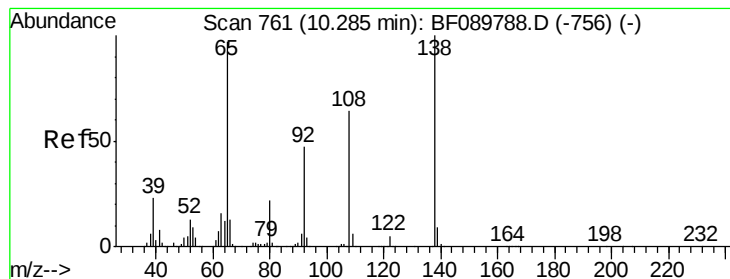


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

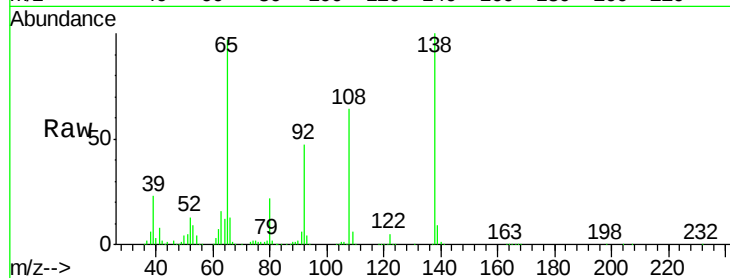




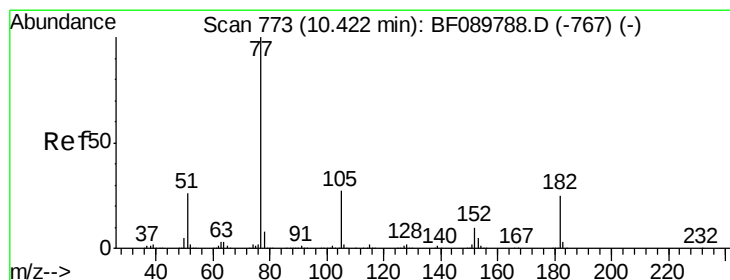
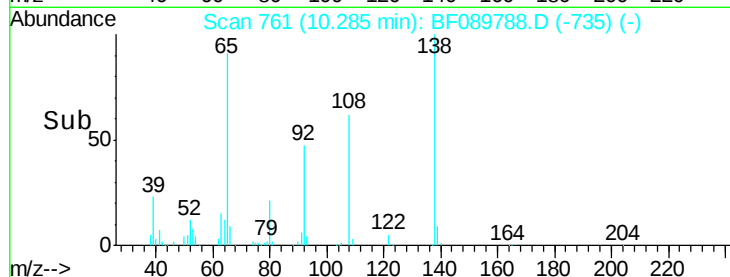
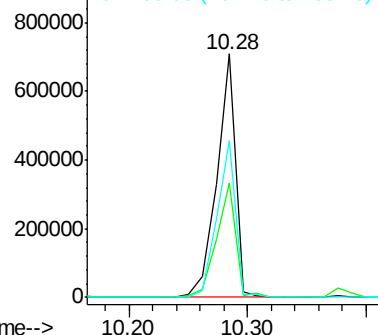
#61
4-Nitroaniline
Concen: 42.52 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:138 Resp: 777922
Ion Ratio Lower Upper
138 100
92 47.0 26.4 66.4
108 64.2 47.0 87.0

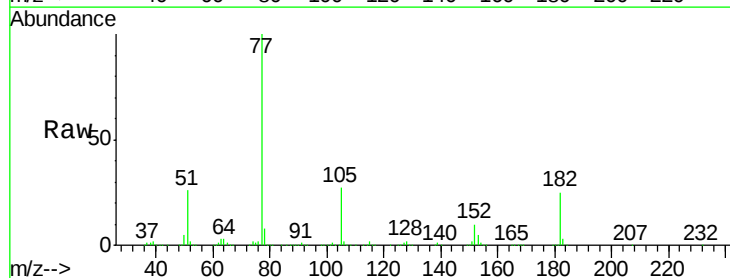


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

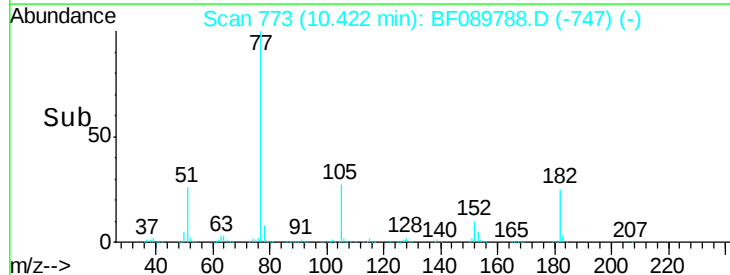
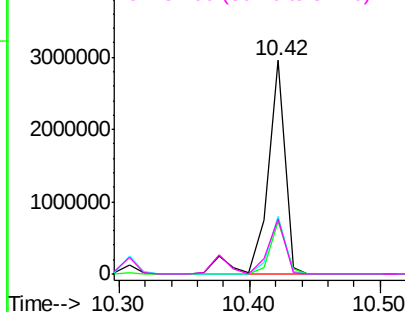


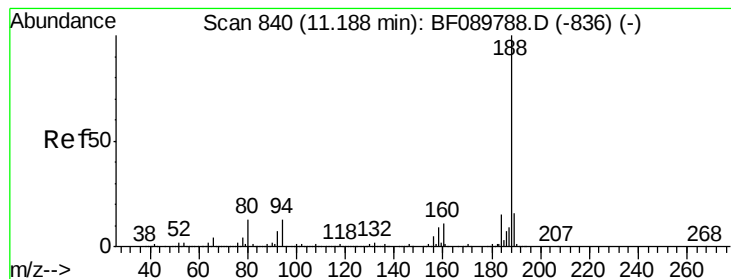
#62
Azobenzene
Concen: 41.66 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion: 77 Resp: 2857893
Ion Ratio Lower Upper
77 100
182 24.8 5.6 45.6
105 27.0 4.0 44.0
51 25.8 7.8 47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

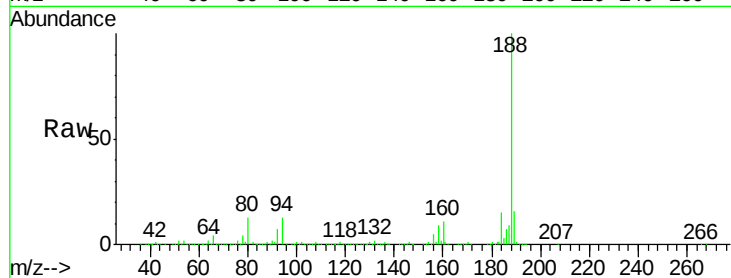
Tot Ion:188 Resp: 1792084

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.2

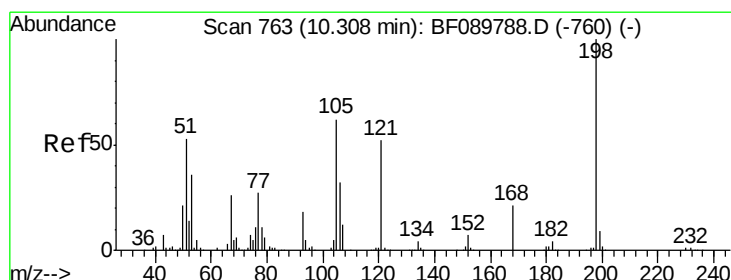
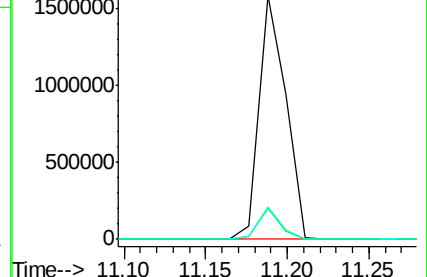
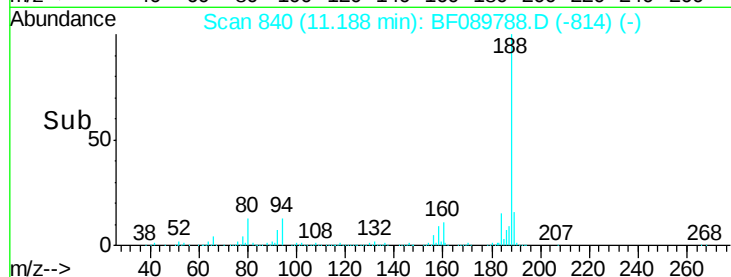
80 13.5 10.9 16.3



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: 36.67 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

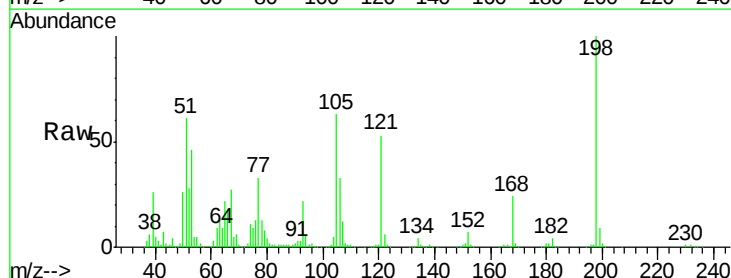
Tgt Ion:198 Resp: 381524

Ion Ratio Lower Upper

198 100

51 60.8 32.3 72.3

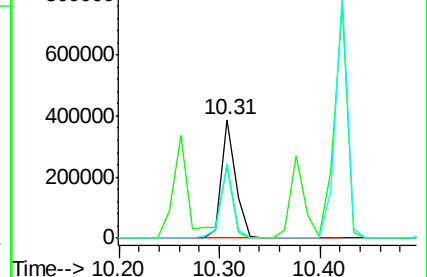
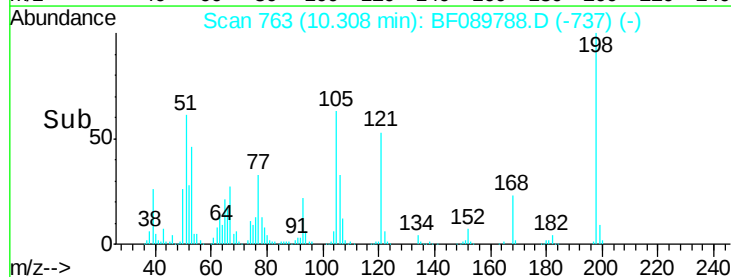
105 63.1 32.9 72.9

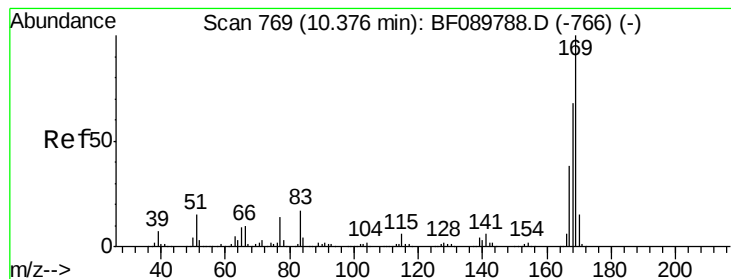


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.24 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

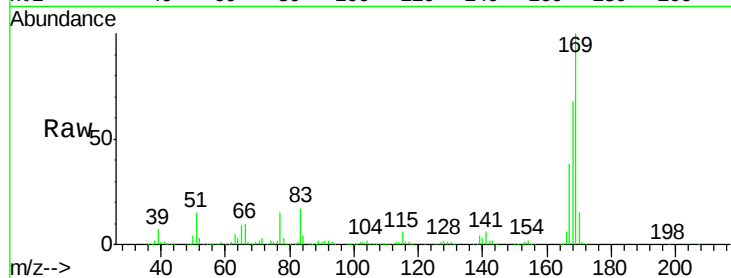
Tot Ion:169 Resp: 2319536

Ion Ratio Lower Upper

169 100

168 67.9 54.6 82.0

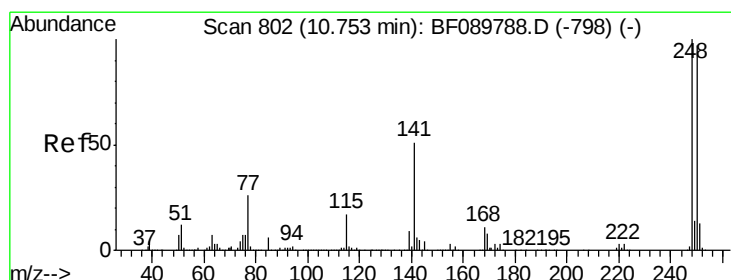
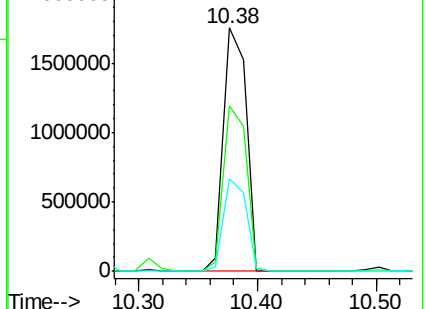
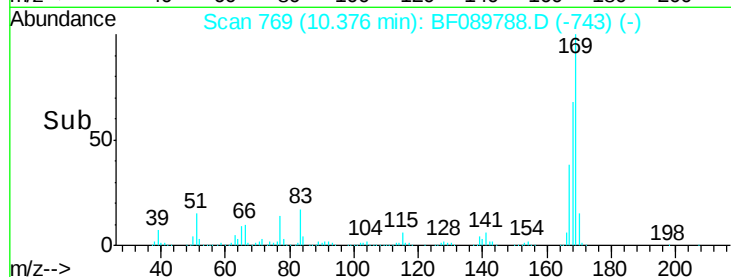
167 38.2 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.60 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

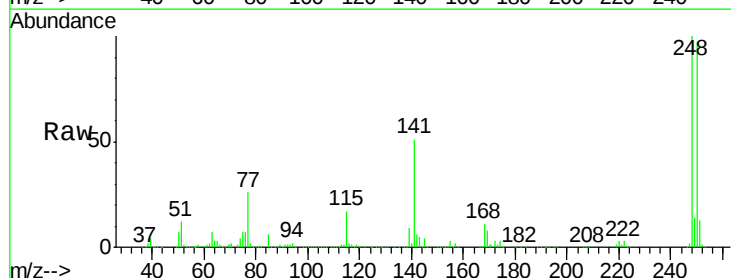
Tgt Ion:248 Resp: 809158

Ion Ratio Lower Upper

248 100

250 97.3 78.6 117.8

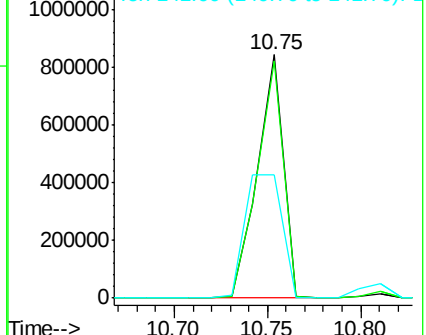
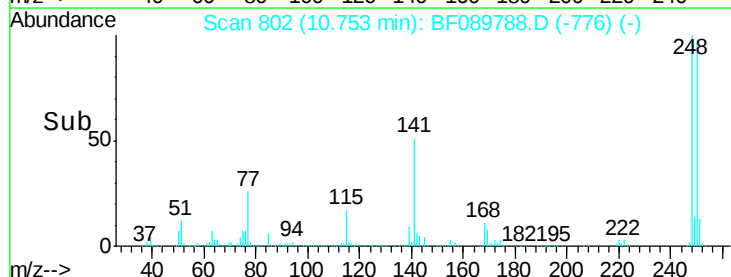
141 50.8 31.4 47.2#

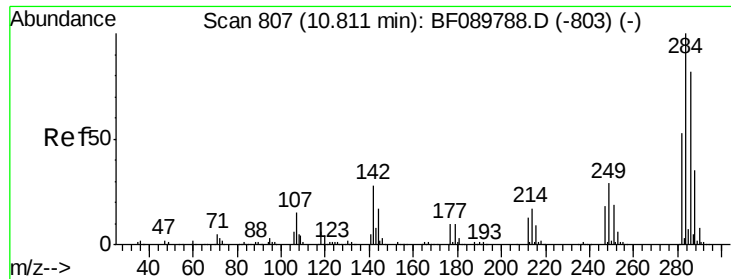


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

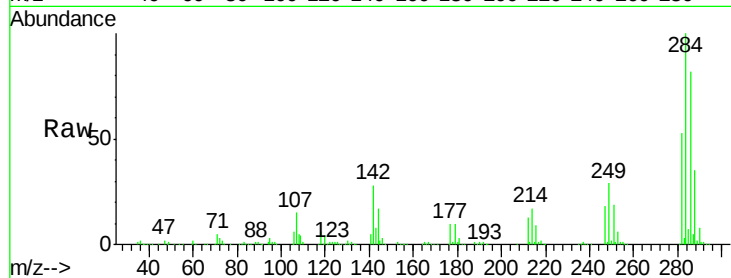




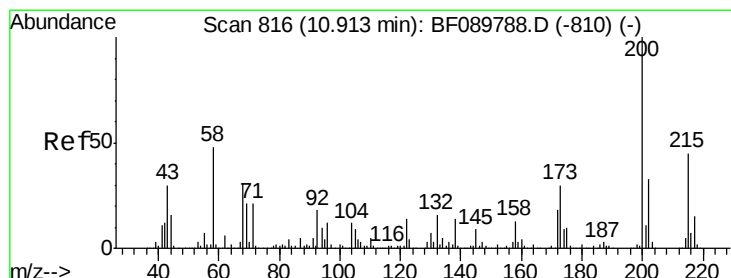
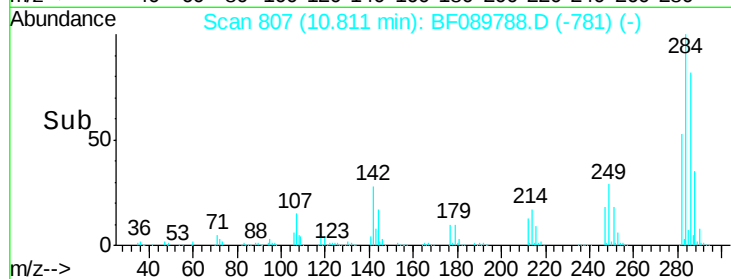
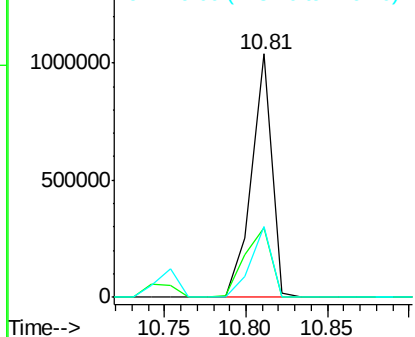
#67
Hexachlorobenzene
Concen: 43.65 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:284 Resp: 900580
Ion Ratio Lower Upper
284 100
142 28.5 17.4 26.2#
249 29.1 22.8 34.2

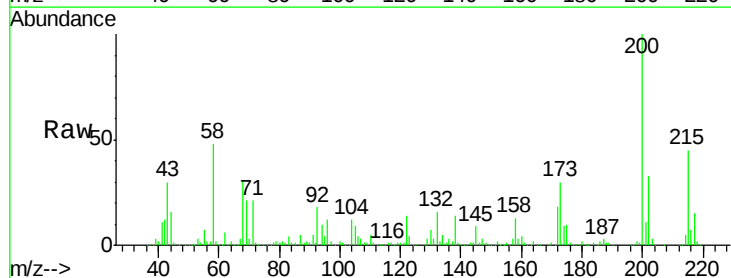


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

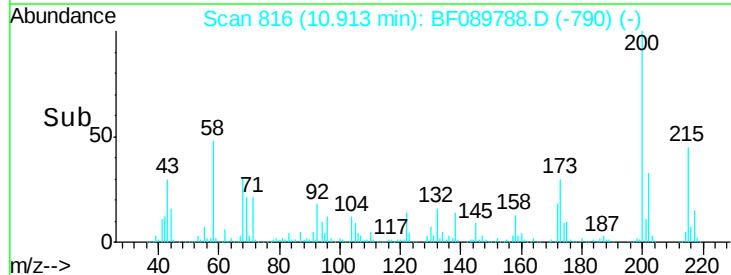
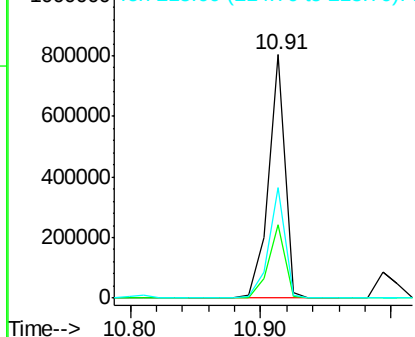


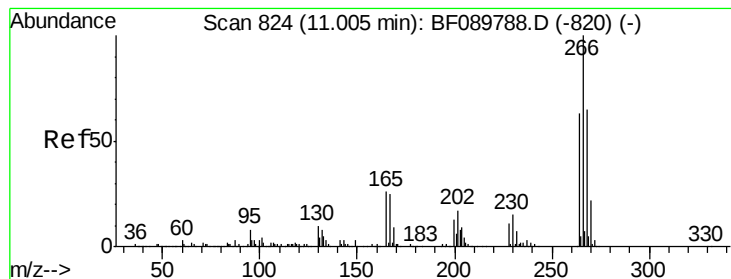
#68
Atrazine
Concen: 41.59 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:200 Resp: 708585
Ion Ratio Lower Upper
200 100
173 30.1 6.6 46.6
215 45.3 24.7 64.7



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: 40.71 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

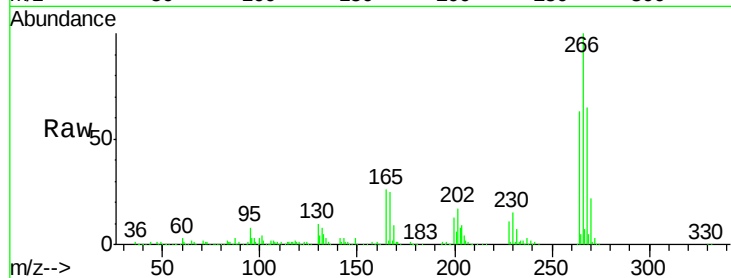
Tot Ion:266 Resp: 523289

Ion Ratio Lower Upper

266 100

268 64.8 53.2 79.8

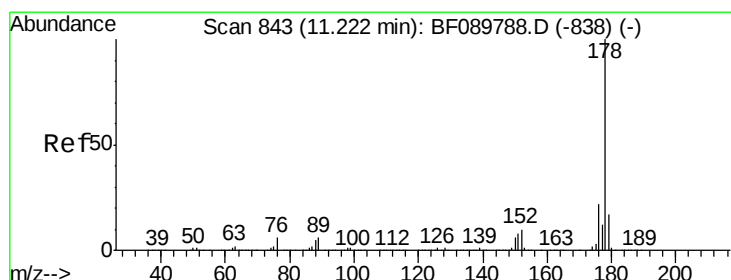
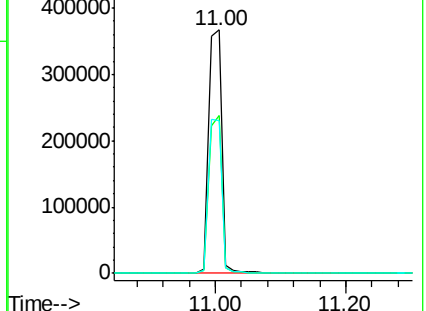
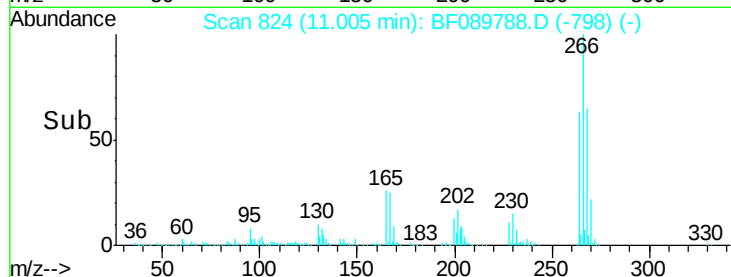
264 62.8 51.1 76.7



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: 43.54 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

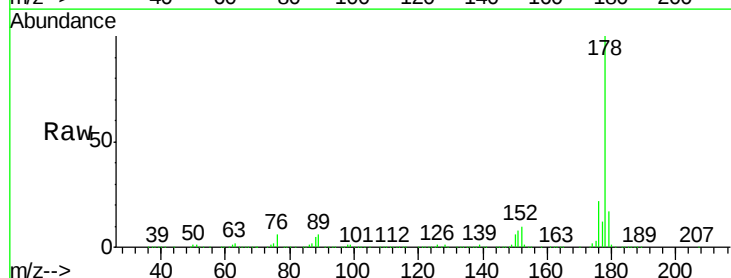
Tgt Ion:178 Resp: 3835040

Ion Ratio Lower Upper

178 100

176 21.6 16.4 24.6

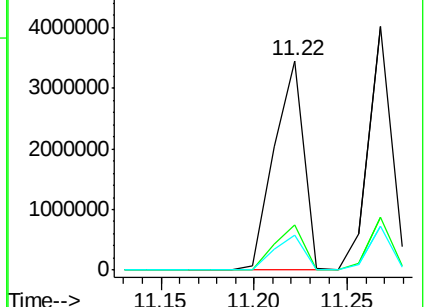
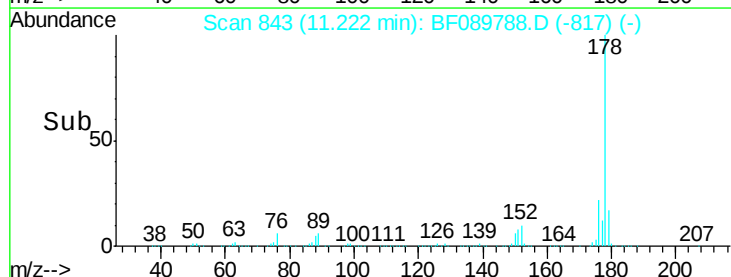
179 16.7 12.5 18.7

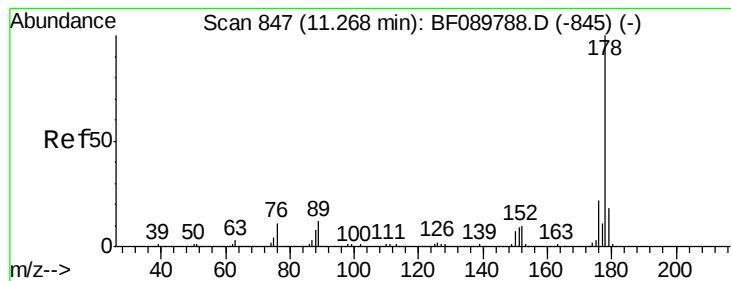


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.41 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

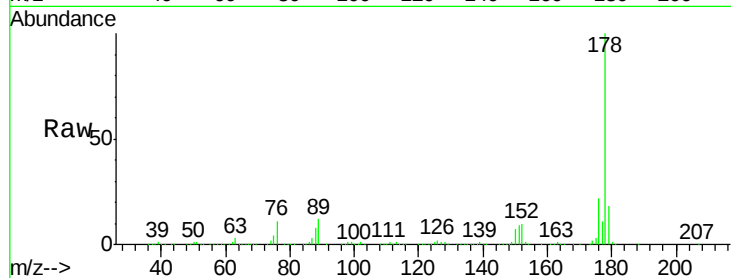
Tot Ion:178 Resp: 3443424

Ion Ratio Lower Upper

178 100

176 21.8 16.4 24.6

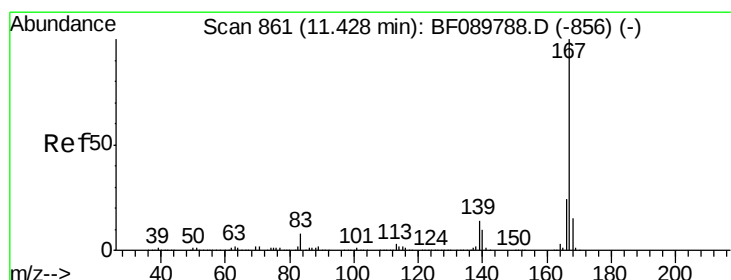
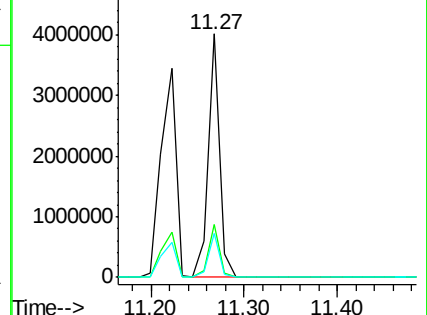
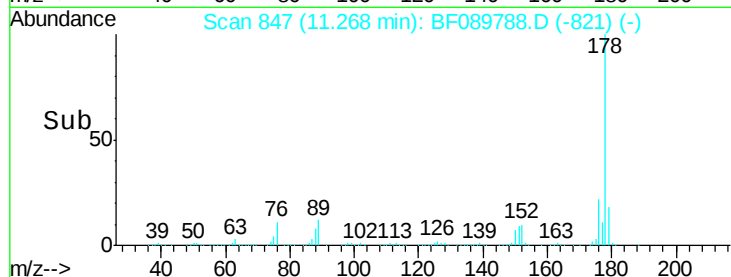
179 17.9 13.1 19.7



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: 41.58 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

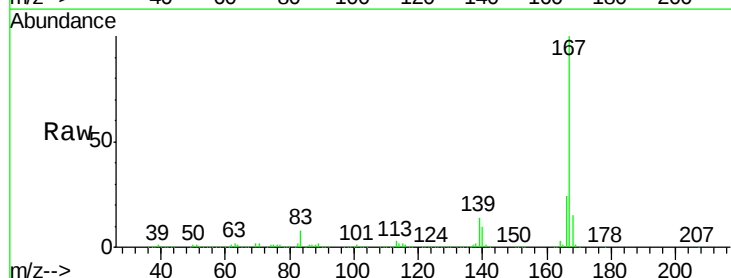
Tgt Ion:167 Resp: 3626274

Ion Ratio Lower Upper

167 100

166 24.1 17.9 26.9

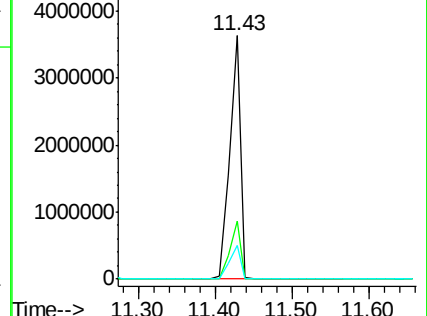
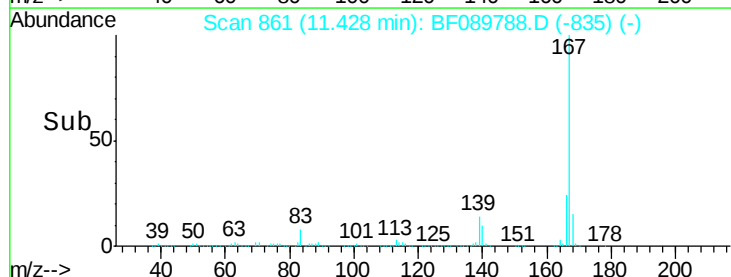
139 13.6 12.4 18.6

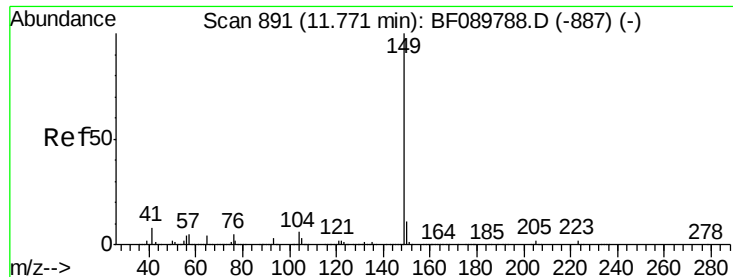


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.65 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

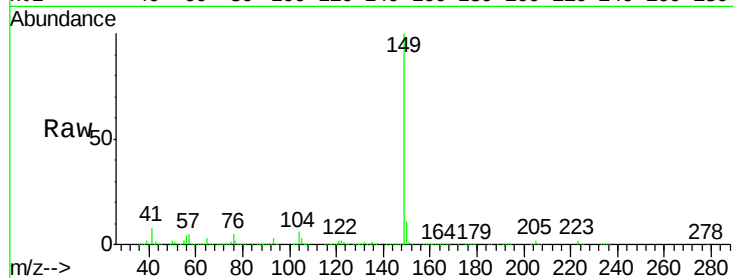
Tot Ion:149 Resp: 4099029

Ion Ratio Lower Upper

149 100

150 10.9 7.9 11.9

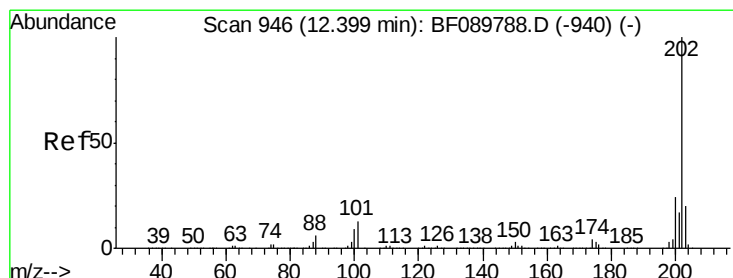
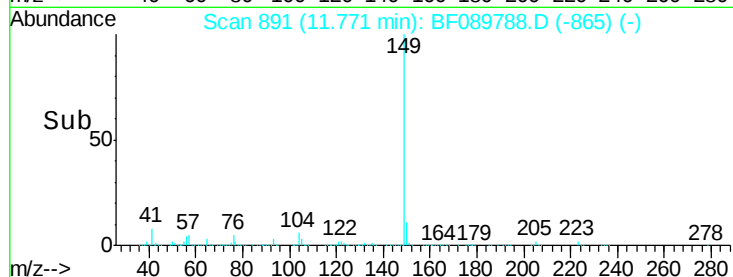
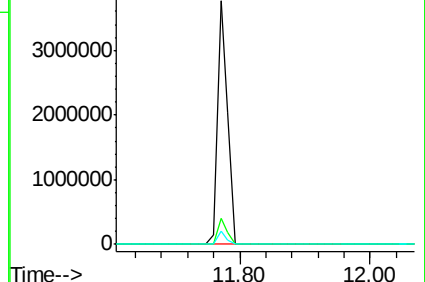
104 5.7 4.3 6.5



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: 40.58 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

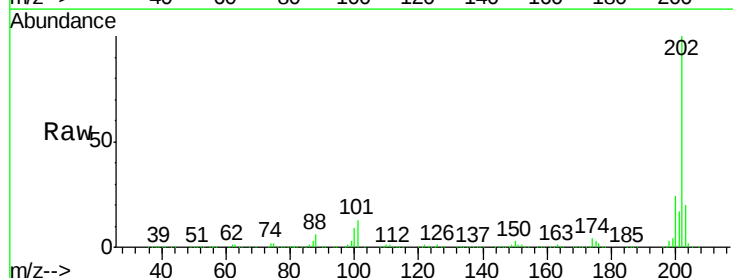
Tgt Ion:202 Resp: 3592019

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.2

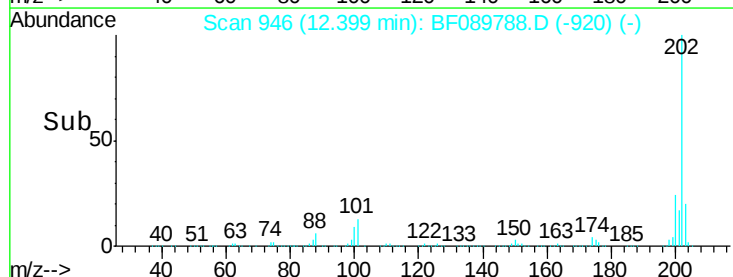
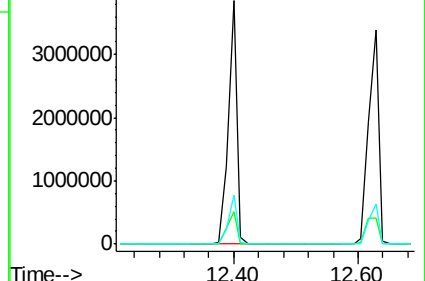
203 20.0 0.0 38.1

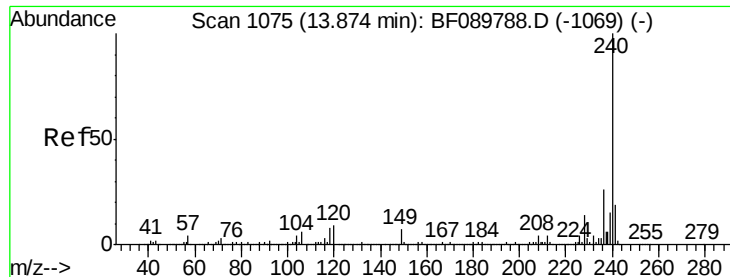


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

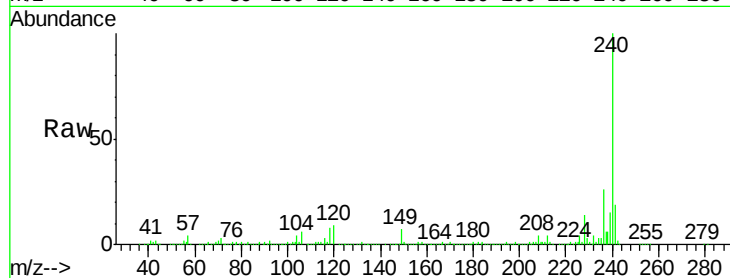
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:240 Resp: 1110287

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	26.2	21.3	31.9

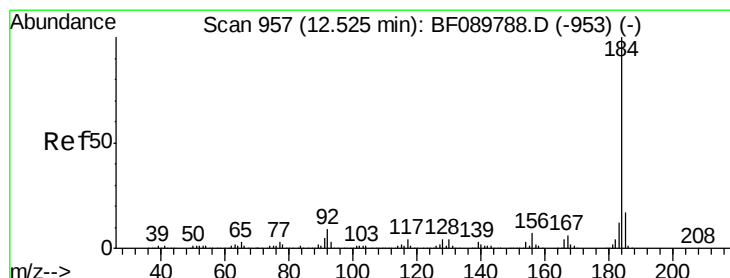
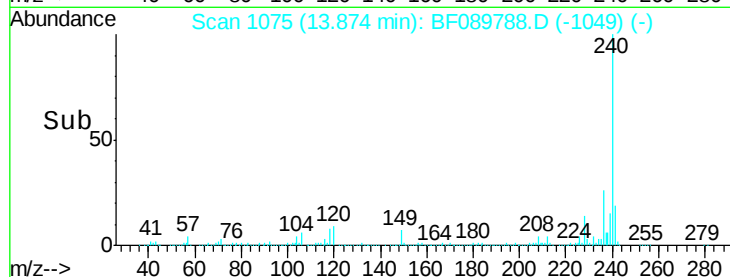


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.60 ng

RT: 12.53 min Scan# 957

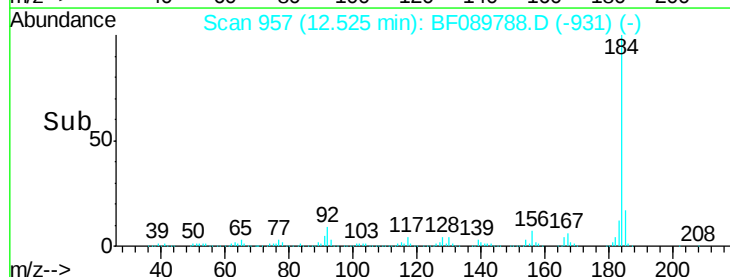
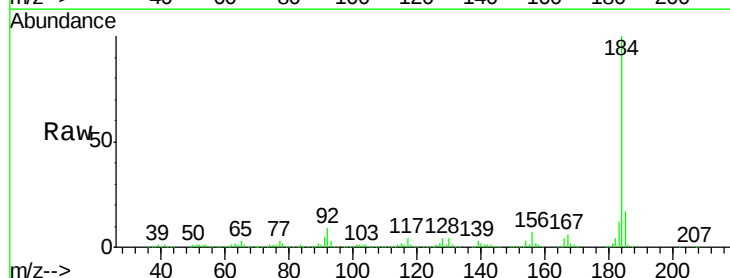
Delta R.T. 0.00 min

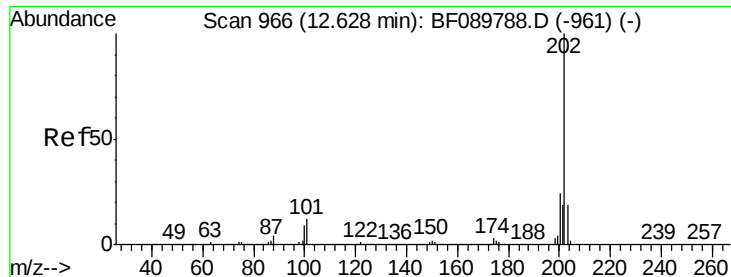
Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Tgt Ion:184 Resp: 1578247

Ion	Ratio	Lower	Upper
184	100		
185	17.3	13.8	20.8
183	11.5	9.7	14.5





#77

Pvrene

Concen: 51.51 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

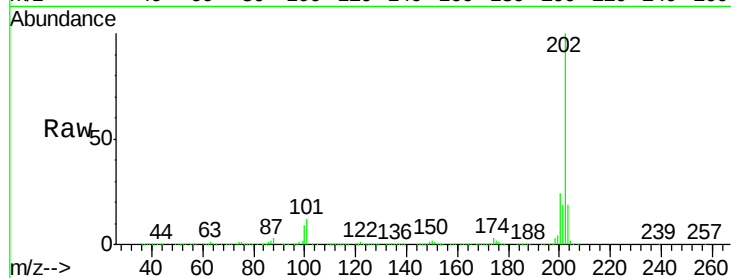
Tot Ion:202 Resp: 3742644

Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.8	26.6
203	19.0	14.2	21.4

202 100

200 23.7 17.8 26.6

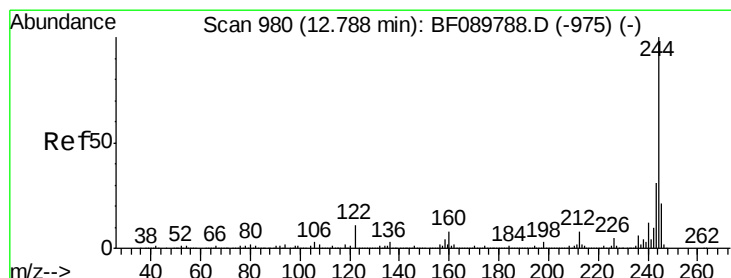
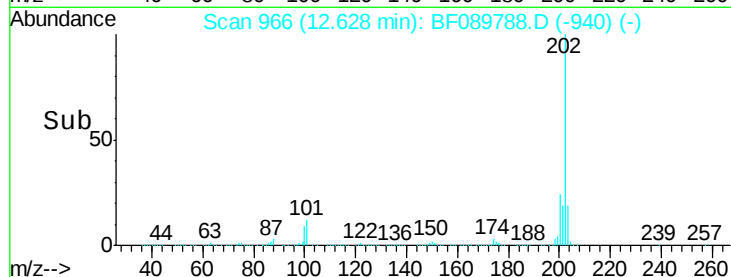
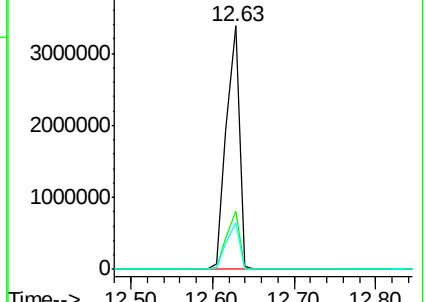
203 19.0 14.2 21.4



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: 106.35 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

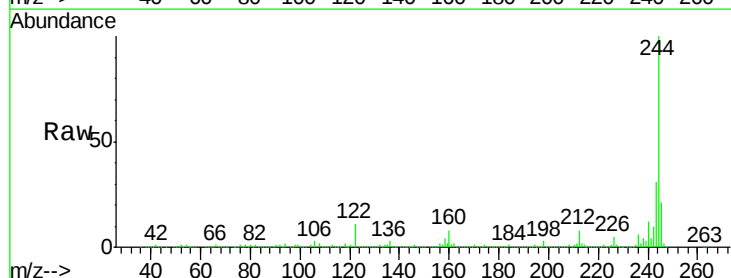
Tgt Ion:244 Resp: 3952508

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	10.6	12.0	18.0

244 100

212 8.2 6.3 9.5

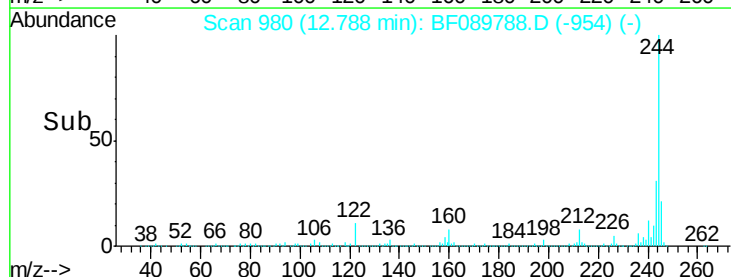
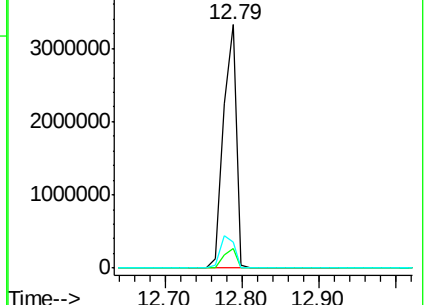
122 10.6 12.0 18.0

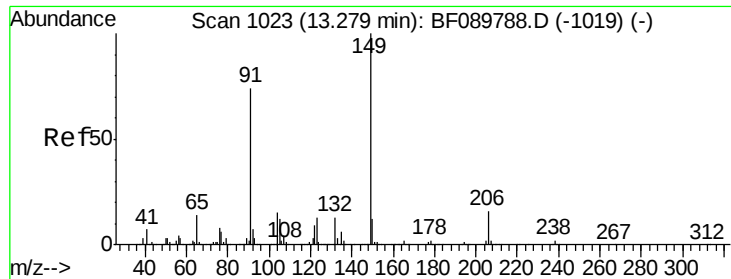


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

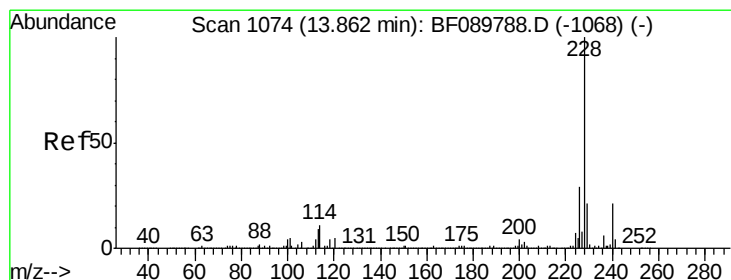
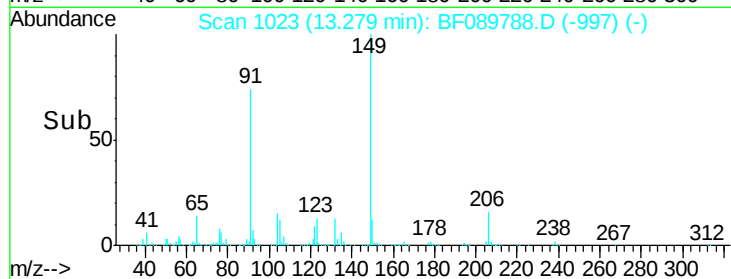
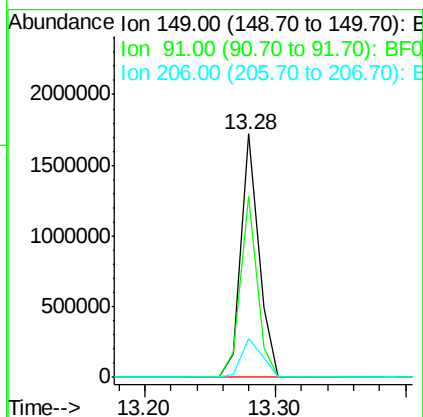
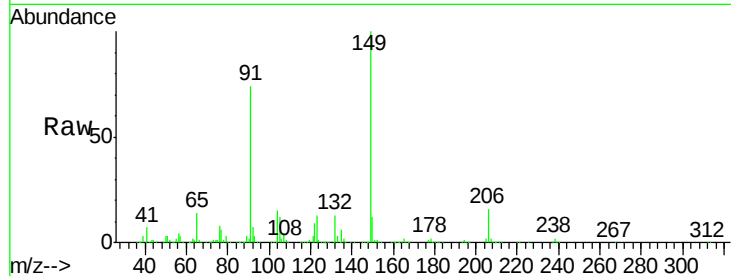




#79
Butylbenzylphthalate
Concen: 44.95 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

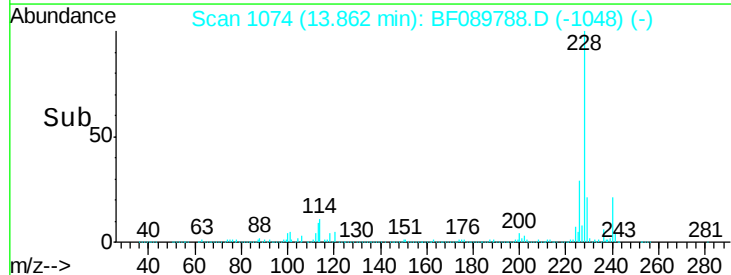
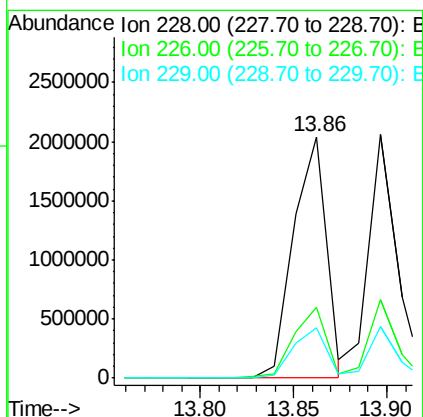
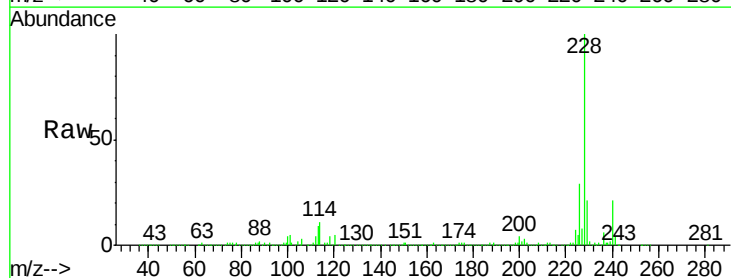
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

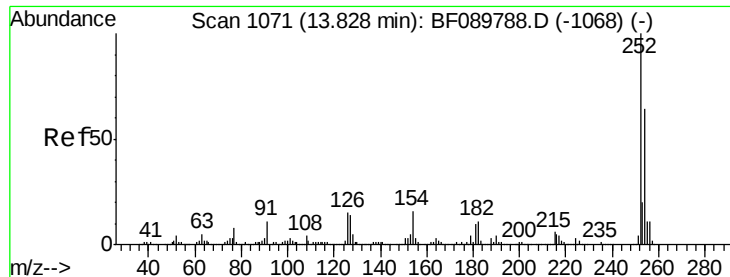
Tot Ion:149 Resp: 1638446
Ion Ratio Lower Upper
149 100
91 74.5 50.7 76.1
206 15.9 15.5 23.3



#80
Benzo(a)anthracene
Concen: 39.21 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:228 Resp: 2529425
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 20.7 16.2 24.4

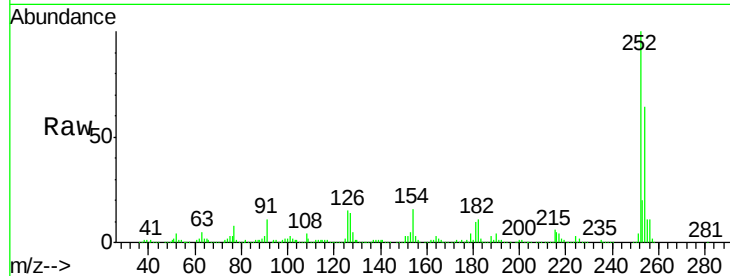




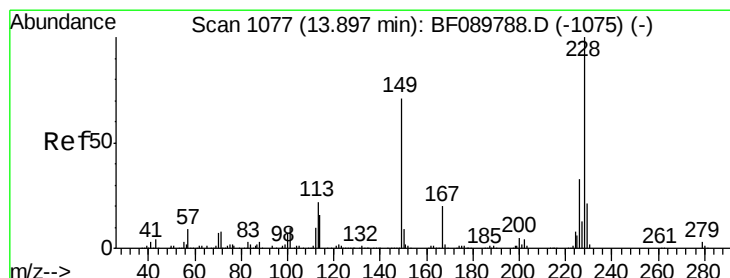
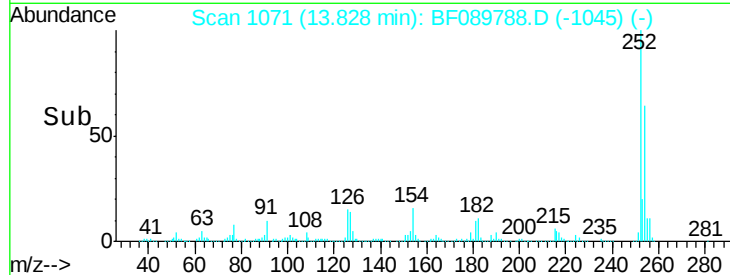
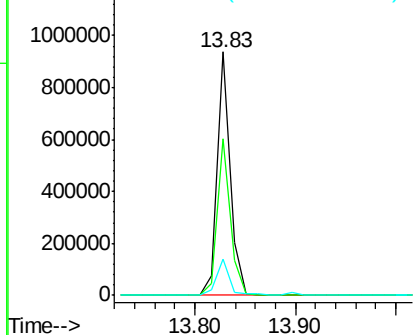
#81
 3,3'-Dichlorobenzidine
 Concen: 36.08 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:252 Resp: 848017
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.6 75.8
 126 14.9 12.6 18.8

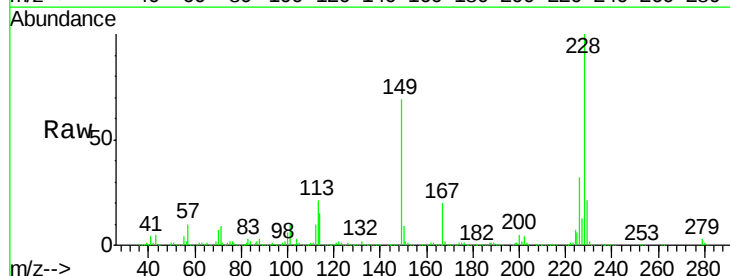


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

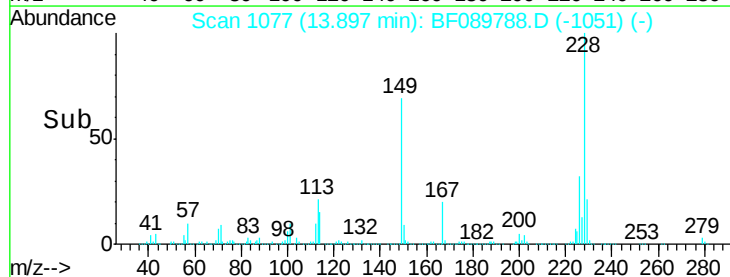
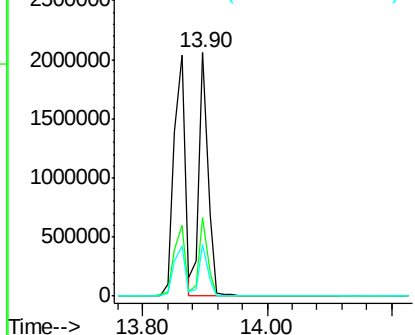


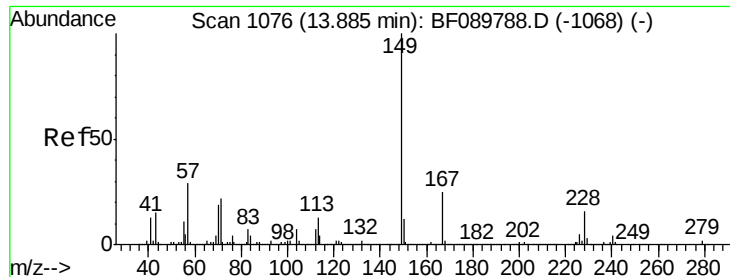
#82
 Chrysene
 Concen: 36.83 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Tgt Ion:228 Resp: 2138387
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 20.9 16.5 24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.57 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

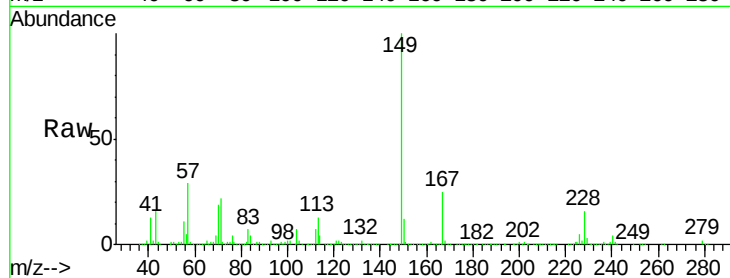
Tot Ion:149 Resp: 2294753

Ion Ratio Lower Upper

149 100

167 24.9 21.2 31.8

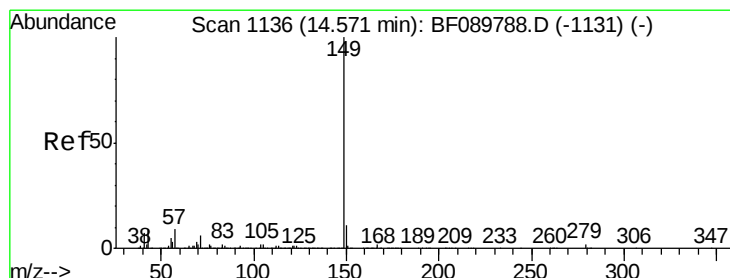
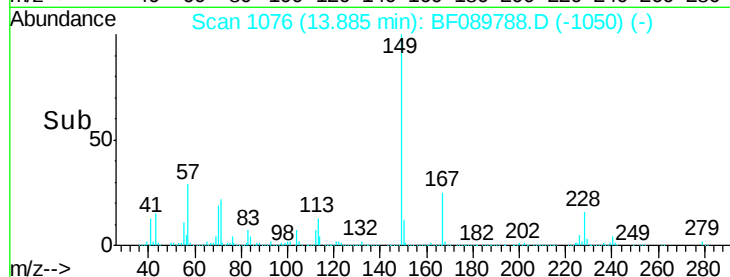
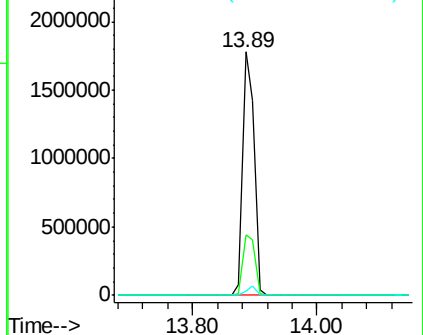
279 1.8 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.49 ng

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF089788.D

Acq: 19 Aug 2016 11:15

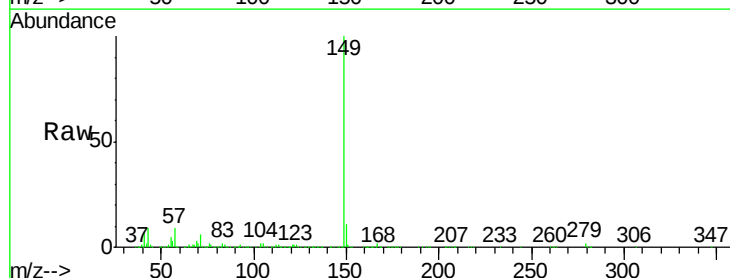
Tgt Ion:149 Resp: 3185599

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

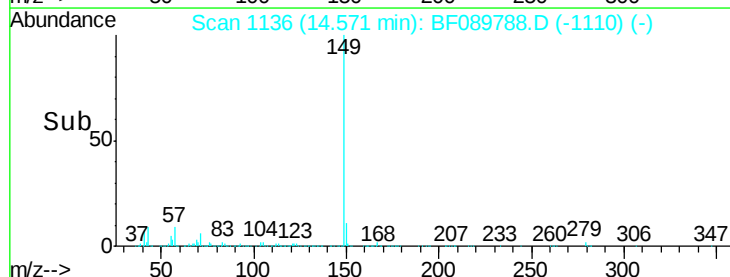
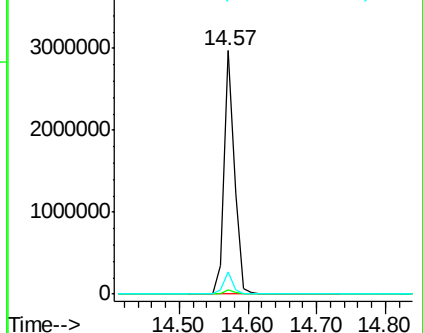
43 8.7 8.4 12.6

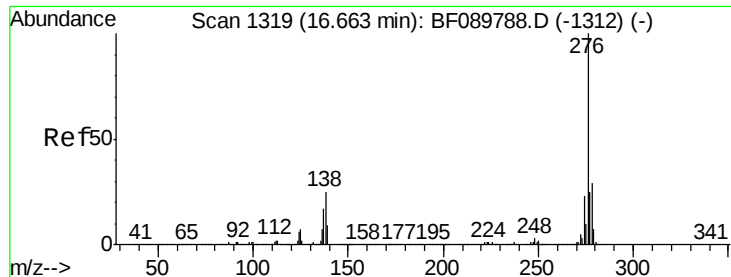


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



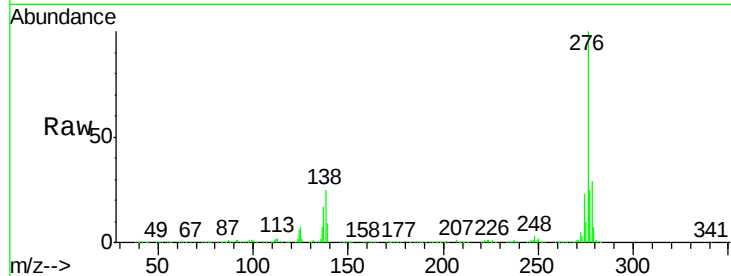


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.36 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

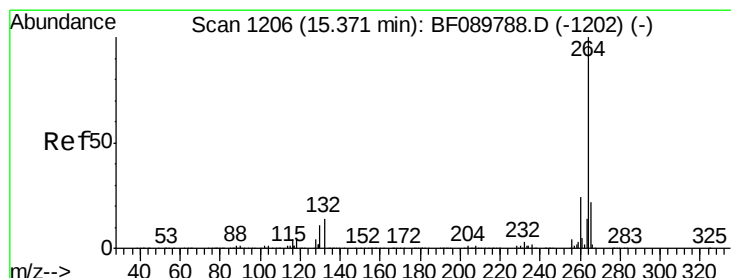
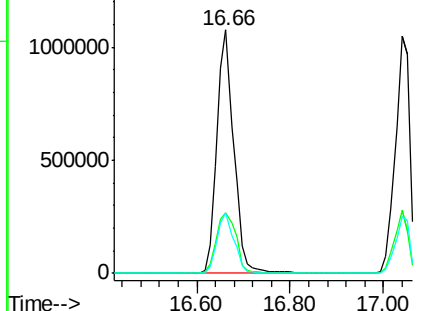
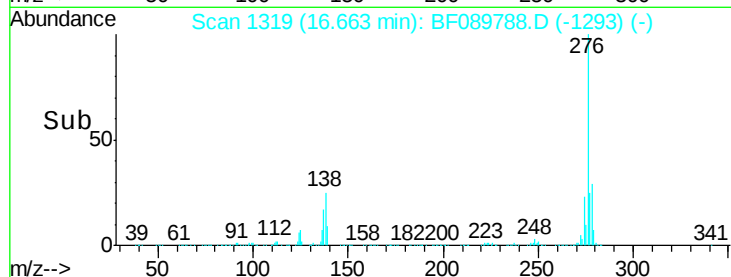
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:276 Resp: 2688894

Ion	Ratio	Lower	Upper
276	100		
138	29.4	24.6	36.8
277	25.5	20.4	30.6



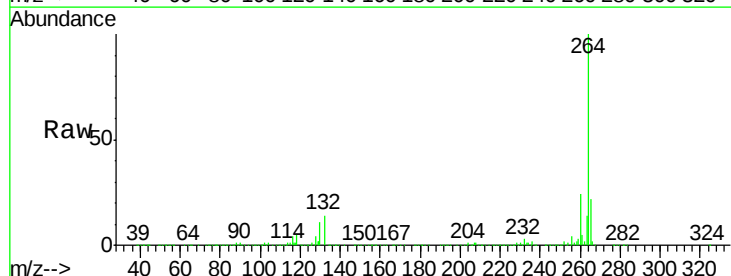
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



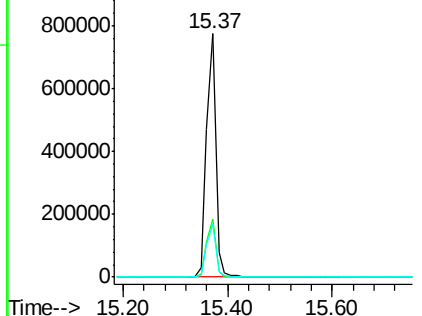
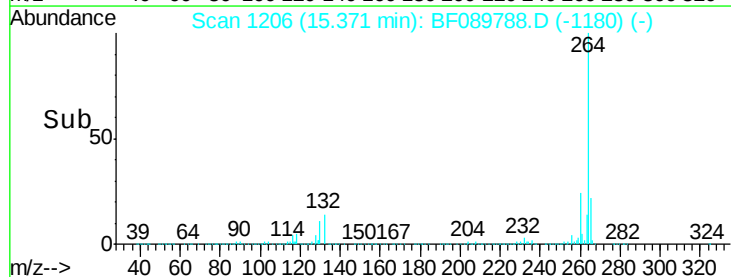
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

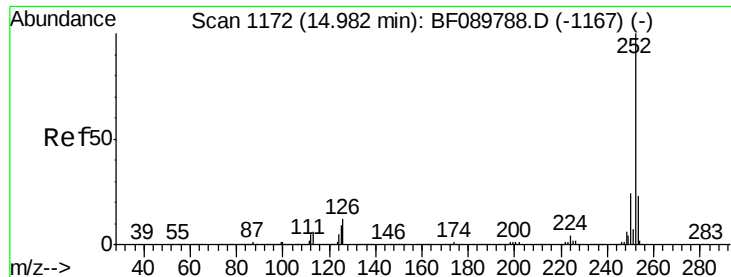
Tgt Ion:264 Resp: 957650

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.2
265	21.7	17.4	26.2



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

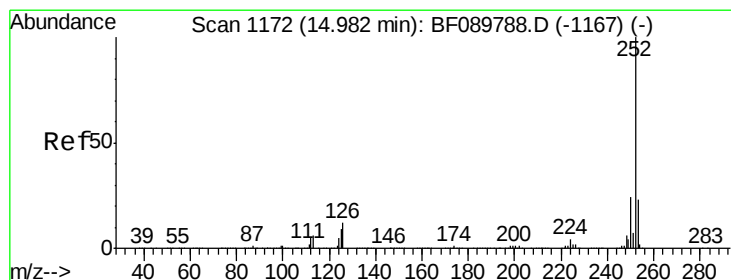
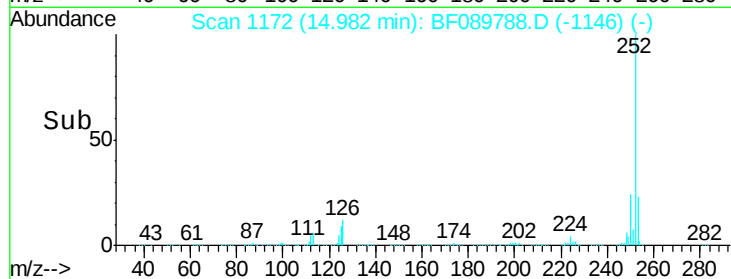
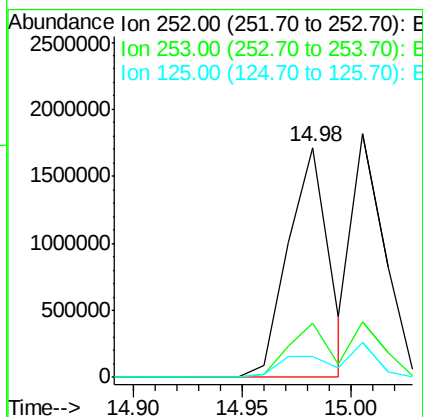
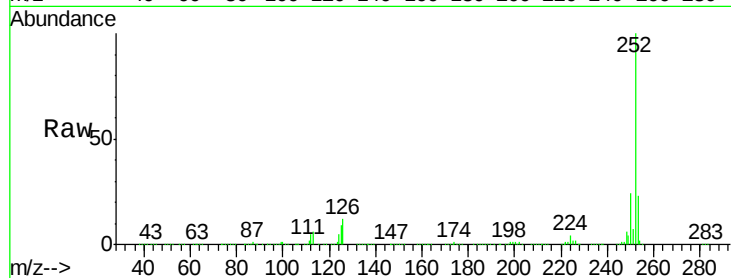




#87
Benzo(b)fluoranthene
Concen: 36.87 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

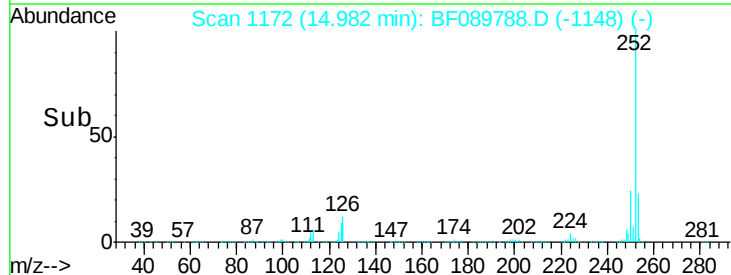
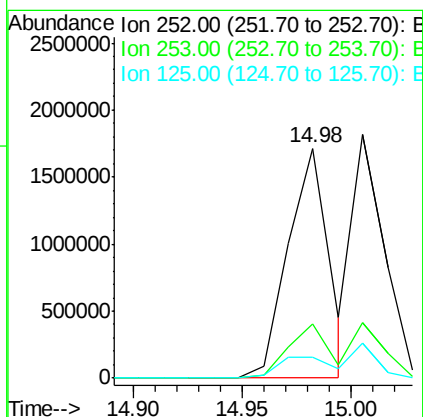
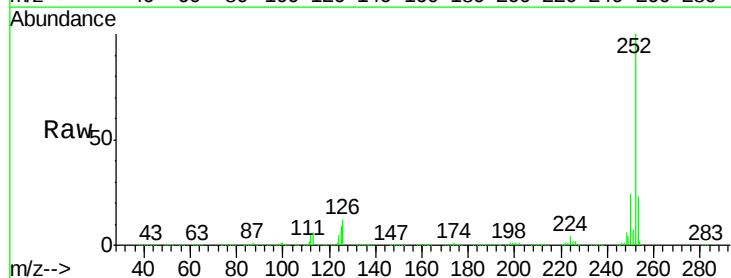
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

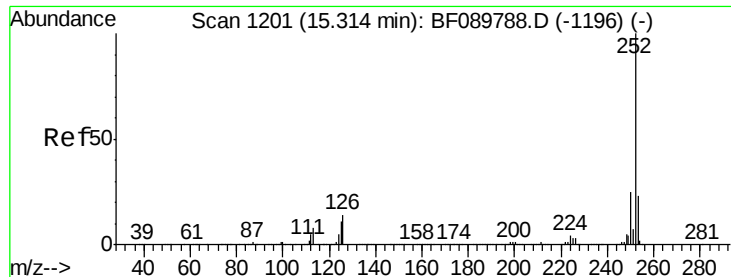
Tot Ion:252 Resp: 2237420
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.1 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 44.80 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:252 Resp: 2237420
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 9.1 9.8 14.6#

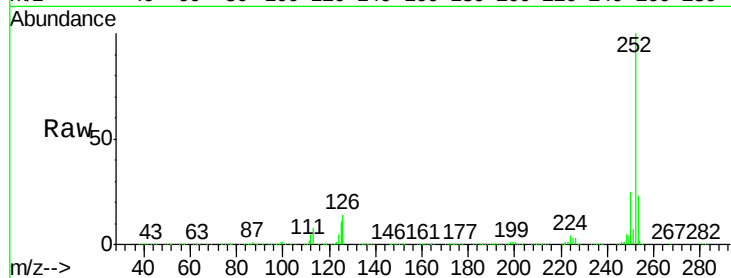




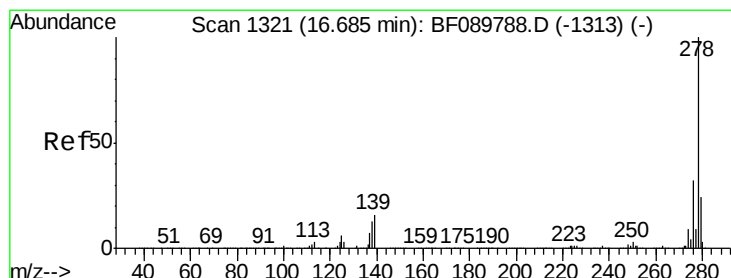
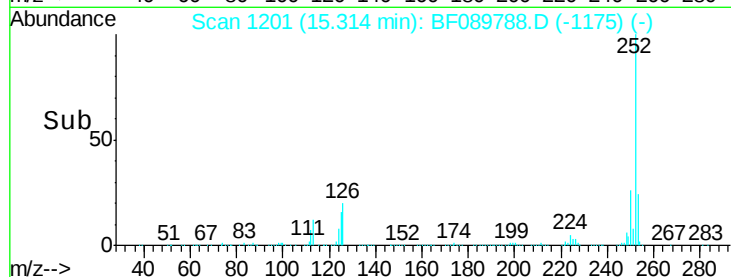
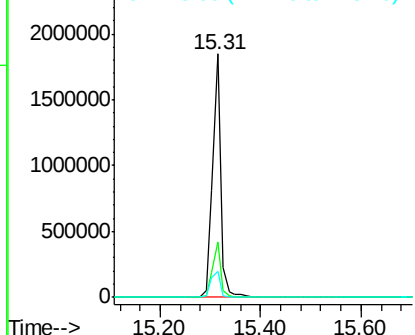
#89
Benzo(a)pyrene
Concen: 41.83 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:252 Resp: 2095458
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.9 11.7 17.5#

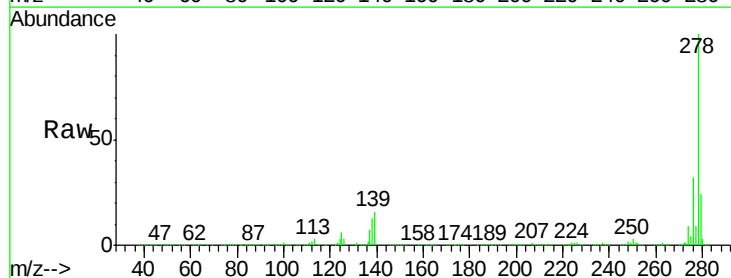


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

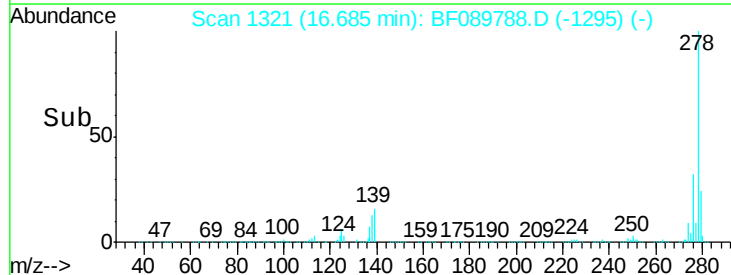
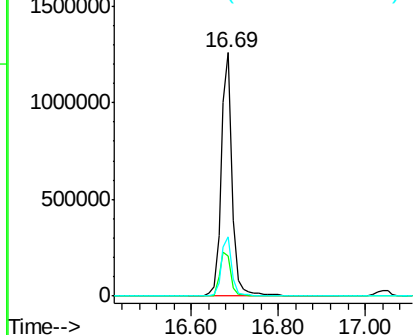


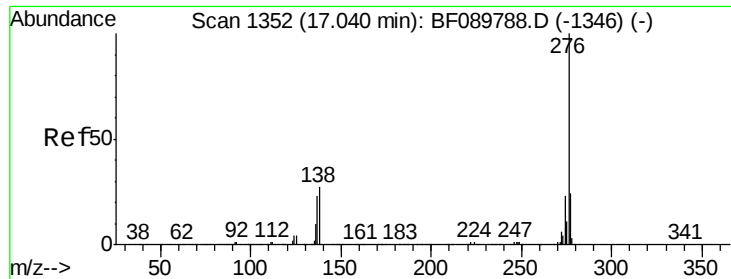
#90
Dibenzo(a,h)anthracene
Concen: 56.70 ng
RT: 16.69 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF089788.D
Acq: 19 Aug 2016 11:15

Tgt Ion:278 Resp: 2236808
Ion Ratio Lower Upper
278 100
139 16.3 14.9 22.3
279 24.4 19.2 28.8



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





#91
 Benzo(a,h,i)perylene
 Concen: 58.17 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF089788.D
 Acq: 19 Aug 2016 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion:276 Resp: 2335253

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	26.7	22.1	33.1

