

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089789.D
 Acq On : 19 Aug 2016 11:41
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 12:06:53 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	611033	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2492277	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1149750	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	2046081	20.00	ng	0.01
75) Chrysene-d12	13.87	240	1198769	20.00	ng	0.00
86) Perylene-d12	15.37	264	1101418	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	3391753	92.62	ng	0.00
7) Phenol-d6	6.33	99	4106429	88.16	ng	0.01
23) Nitrobenzene-d5	7.26	82	3497050	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	1031042	92.70	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	5382817	75.12	ng	0.00
78) Terphenyl-d14	12.79	244	4322886	107.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	833581	44.09	ng	96
3) Pyridine	2.81	79	2303329	47.28	ng	94
4) n-Nitrosodimethylamine	2.78	42	864537	44.21	ng	81
6) Aniline	6.35	93	2865924	45.77	ng	99
8) 2-Chlorophenol	6.47	128	1909237	43.83	ng	93
9) Benzaldehyde	6.23	77	1349298	43.70	ng	87
10) Phenol	6.34	94	2507496	43.25	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	1982493	46.15	ng	98
12) 1,3-Dichlorobenzene	6.63	146	2135705	45.87	ng	95
13) 1,4-Dichlorobenzene	6.71	146	2305213	48.87	ng	95
14) 1,2-Dichlorobenzene	6.71	146	2305213	51.26	ng	97
15) Benzyl Alcohol	6.83	79	1273885	40.92	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2462517	43.69	ng	93
17) 2-Methylphenol	6.96	107	1717266	49.62	ng	95
18) Hexachloroethane	7.20	117	752380	43.52	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	1210813	39.69	ng	92
20) 3+4-Methylphenols	7.11	107	1949679	43.99	ng	92
22) Acetophenone	7.11	105	2513819	43.39	ng	# 88
24) Nitrobenzene	7.28	77	2168143	47.22	ng	92
25) Isophorone	7.52	82	3632331	44.48	ng	95
26) 2-Nitrophenol	7.59	139	983353	45.52	ng	# 76
27) 2,4-Dimethylphenol	7.64	122	1951188	47.65	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	2148782	43.30	ng	96
29) 2,4-Dichlorophenol	7.84	162	1597838	46.87	ng	95
30) 1,2,4-Trichlorobenzene	7.92	180	1751175	47.85	ng	98
31) Naphthalene	8.00	128	5243385	46.87	ng	95
32) Benzoic acid	7.78	122	1604976	50.41	ng	98
33) 4-Chloroaniline	8.04	127	2115917	40.88	ng	# 90
34) Hexachlorobutadiene	8.12	225	923791	48.05	ng	98
35) Caprolactam	8.43	113	456753	43.47	ng	88
36) 4-Chloro-3-methylphenol	8.54	107	1847224	49.77	ng	99
37) 2-Methylnaphthalene	8.79	142	3571876	46.91	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1800777	48.72	ng	# 95
40) Hexachlorocyclopentadiene	8.84	237	671622	40.77	ng	98

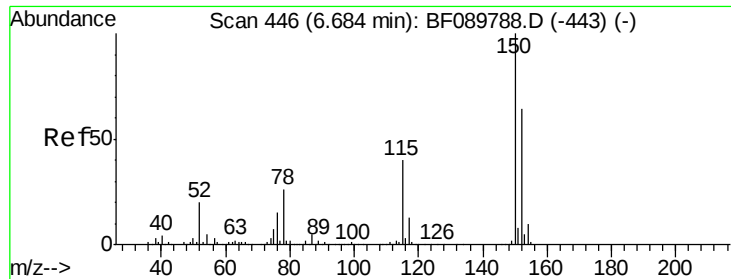
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089789.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	1087696	45.55	nq	99
43) 2,4,5-Trichlorophenol	9.00	196	1193964	52.44	nq	# 93
45) 1,1'-Biphenyl	9.15	154	4075139	42.80	nq	93
46) 2-Chloronaphthalene	9.18	162	3506075	49.14	nq	91
47) 2-Nitroaniline	9.27	65	1116236	51.34	nq	86
48) Acenaphthylene	9.59	152	5230218	47.61	nq	97
49) Dimethylphthalate	9.46	163	3774213	45.37	nq	97
50) 2,6-Dinitrotoluene	9.52	165	962850	51.14	nq	# 68
51) Acenaphthene	9.76	154	3568566	48.15	nq	98
52) 3-Nitroaniline	9.68	138	1018801	46.54	nq	95
53) 2,4-Dinitrophenol	9.78	184	469989	70.26	nq	# 68
54) Dibenzofuran	9.93	168	4344036	47.62	nq	93
55) 4-Nitrophenol	9.84	139	928237	55.11	nq	97
56) 2,4-Dinitrotoluene	9.91	165	1050832	43.42	nq	# 64
57) Fluorene	10.26	166	3162715	42.92	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	872835	49.09	nq	99
59) Diethylphthalate	10.16	149	3789220	44.92	nq	96
60) 4-Chlorophenyl-phenylether	10.26	204	1360622	37.60	nq	93
61) 4-Nitroaniline	10.30	138	1095942	51.56	nq	95
62) Azobenzene	10.42	77	3506002	43.99	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	659641	55.52	nq	# 79
65) n-Nitrosodiphenylamine	10.39	169	3094317	48.19	nq	97
66) 4-Bromophenyl-phenylether	10.75	248	1006086	47.48	nq	# 81
67) Hexachlorobenzene	10.81	284	1074532	45.62	nq	# 83
68) Atrazine	10.91	200	837616	43.06	nq	96
69) Pentachlorophenol	11.00	266	761690	51.91	nq	99
70) Phenanthrene	11.22	178	4679906	46.53	nq	93
71) Anthracene	11.27	178	4606556	43.84	nq	97
72) Carbazole	11.43	167	4219461	42.38	nq	96
73) Di-n-butylphthalate	11.78	149	5695705	47.04	nq	97
74) Fluoranthene	12.40	202	4098884	40.56	nq	91
76) Benzidine	12.53	184	2018783	46.92	nq	98
77) Pyrene	12.63	202	4213539	53.71	nq	94
79) Butylbenzylphthalate	13.29	149	2448066	62.20	nq	99
80) Benzo(a)anthracene	13.86	228	3380512	48.54	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	1235224	48.67	nq	# 96
82) Chrysene	13.91	228	2893568	46.16	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	2951604	56.67	nq	# 98
84) Di-n-octyl phthalate	14.58	149	4262914	52.66	nq	95
85) Indeno(1,2,3-cd)pyrene	16.67	276	3598984	67.39	nq	99
87) Benzo(b)fluoranthene	14.99	252	2982311	42.73	nq	# 95
88) Benzo(k)fluoranthene	14.99	252	2982311	51.92	nq	98
89) Benzo(a)pyrene	15.33	252	2806860	48.72	nq	# 96
90) Dibenzo(a,h)anthracene	16.70	278	2966339	65.38	nq	96
91) Benzo(g,h,i)perylene	17.06	276	3110710	67.37	nq	99

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

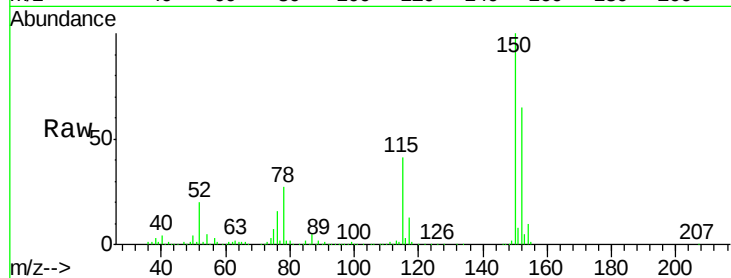


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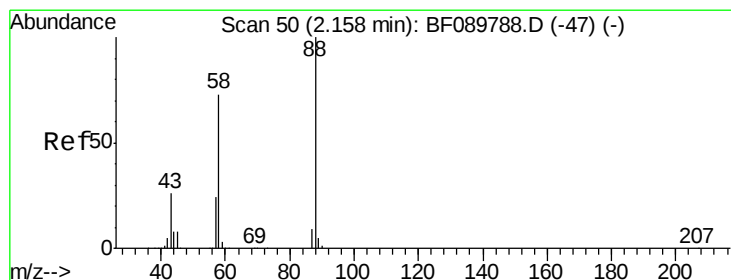
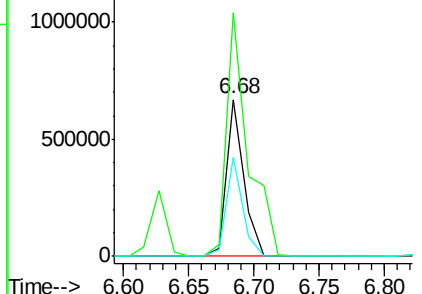
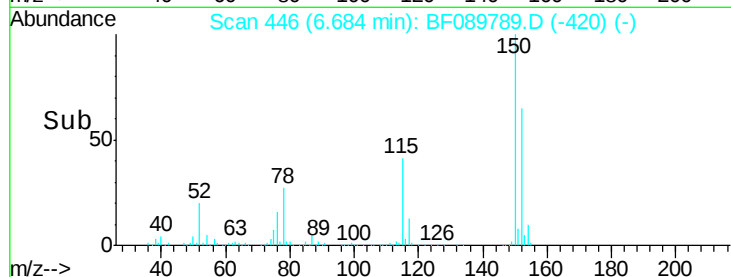
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 611033
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 63.0 40.9 61.3#



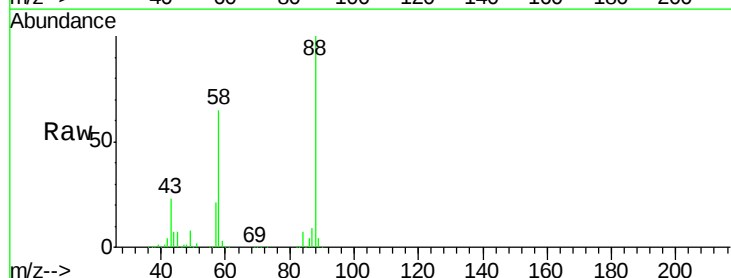
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



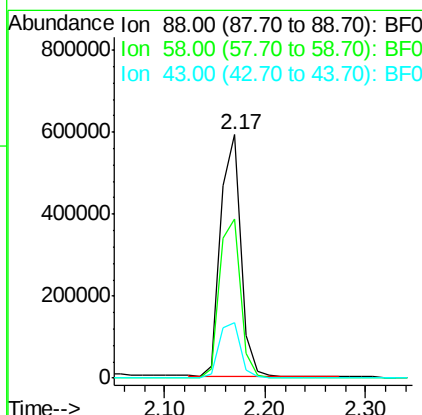
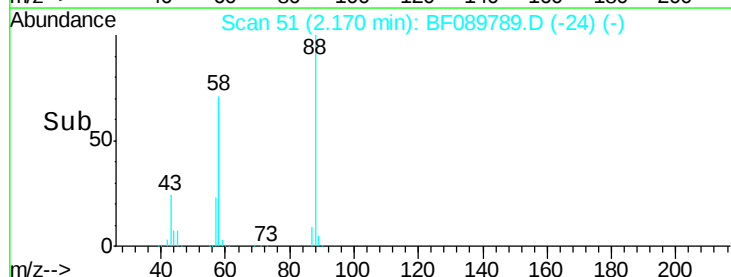
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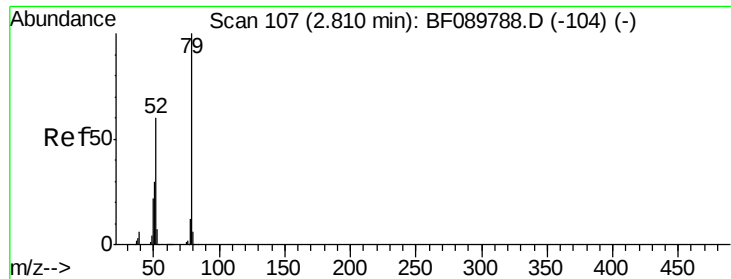
1,4-Dioxane
Concen: 44.09 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion: 88 Resp: 833581
Ion Ratio Lower Upper
88 100
58 68.6 57.0 85.4
43 23.9 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 47.28 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

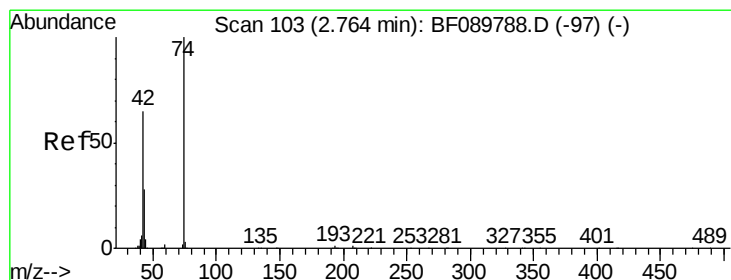
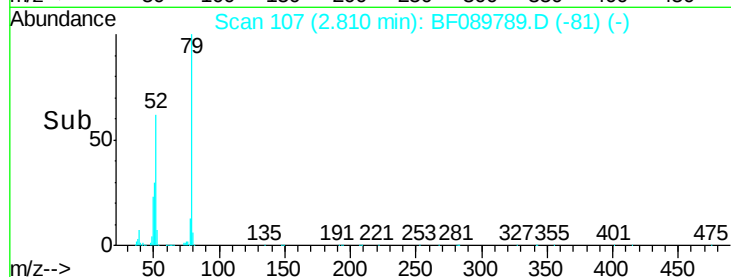
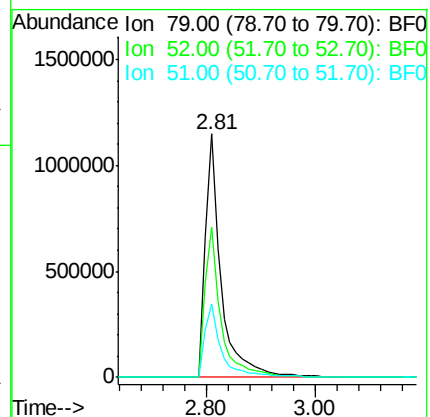
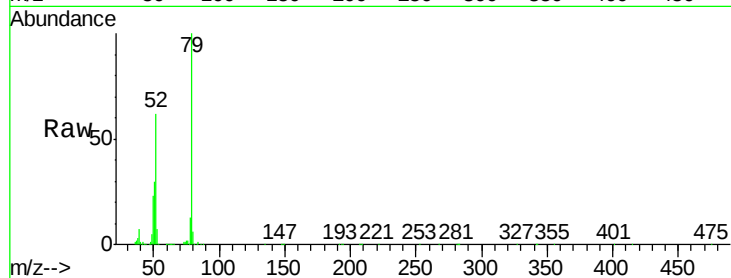
Tot Ion: 79 Resp: 2303329

Ion Ratio Lower Upper

79 100

52 61.9 53.6 80.4

51 30.3 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 44.21 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

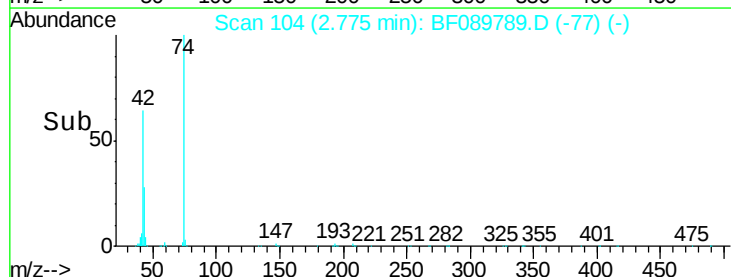
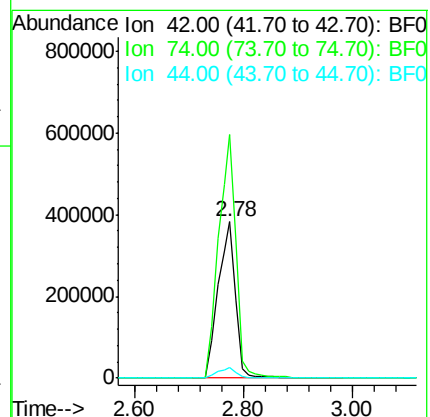
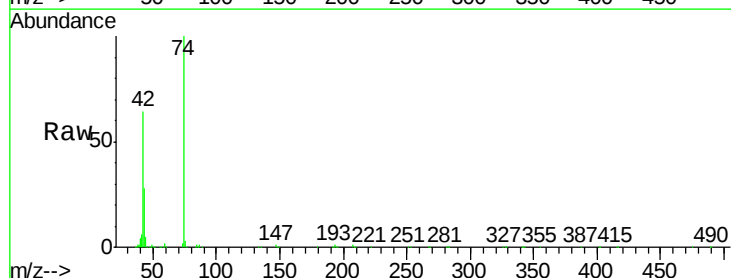
Tgt Ion: 42 Resp: 864537

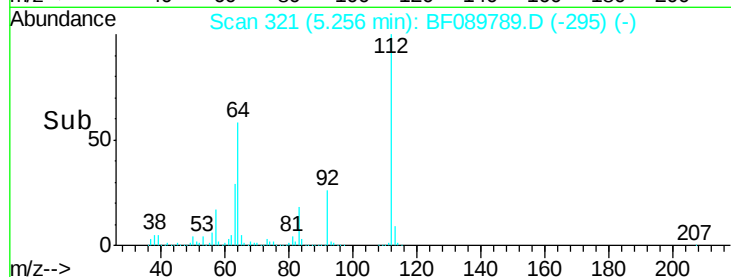
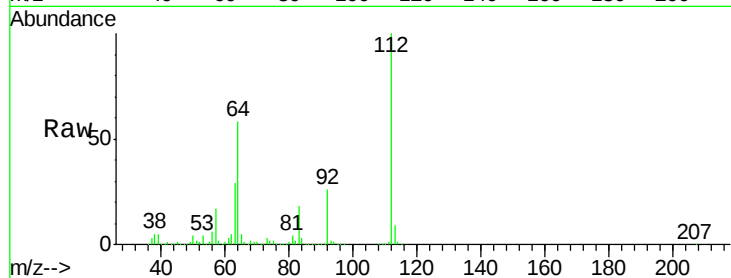
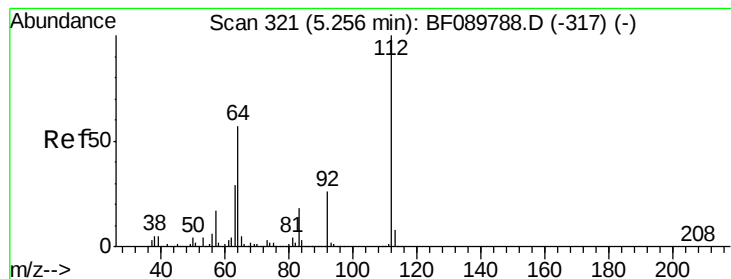
Ion Ratio Lower Upper

42 100

74 156.1 106.2 159.2

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 92.62 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

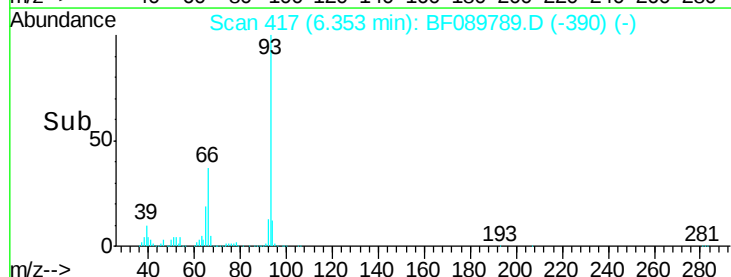
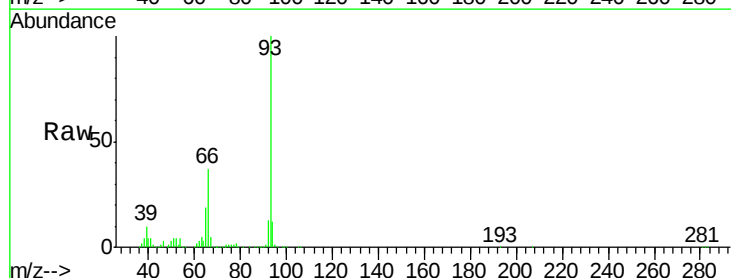
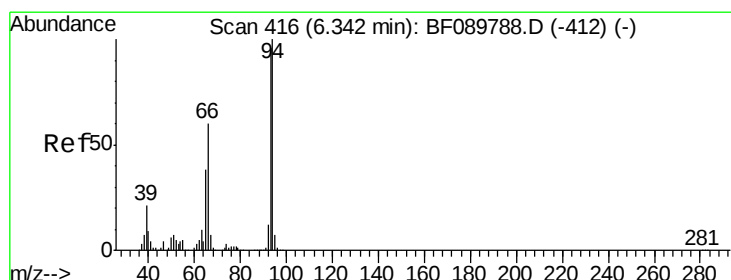
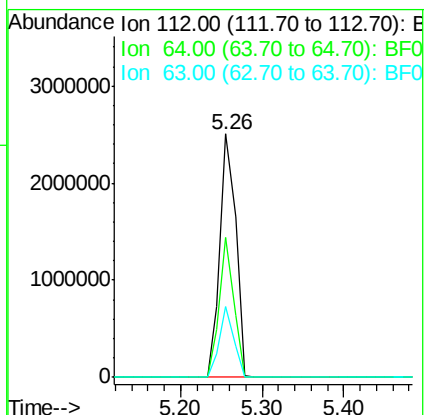
Tot Ion:112 Resp: 3391753

Ion Ratio Lower Upper

112 100

64 57.6 45.0 67.4

63 29.3 23.1 34.7



#6

Aniline

Concen: 45.77 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

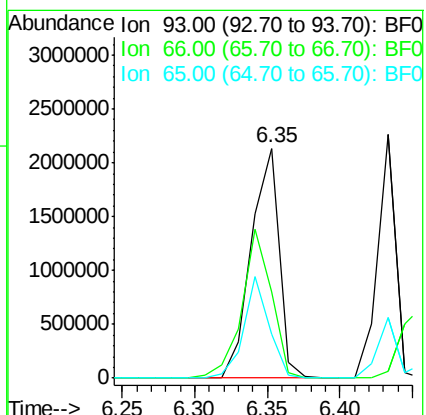
Tgt Ion: 93 Resp: 2865924

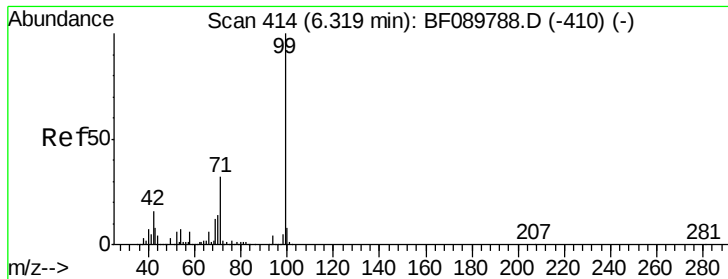
Ion Ratio Lower Upper

93 100

66 37.3 30.6 46.0

65 19.1 15.4 23.2





#7

Phenol-d6

Concen: 88.16 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

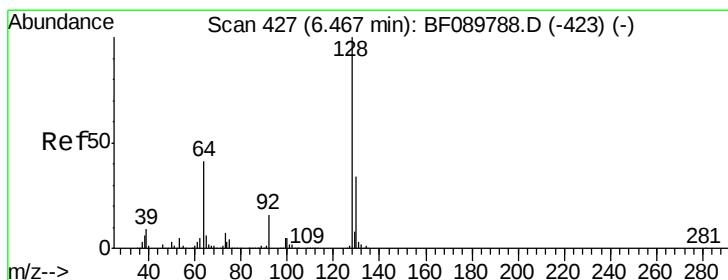
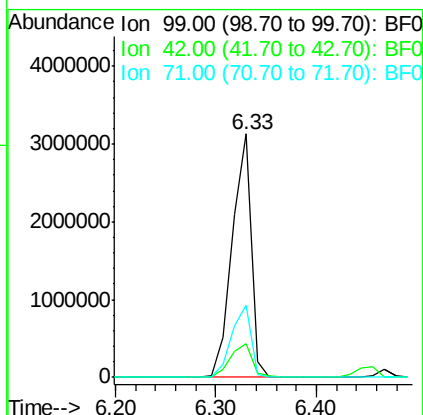
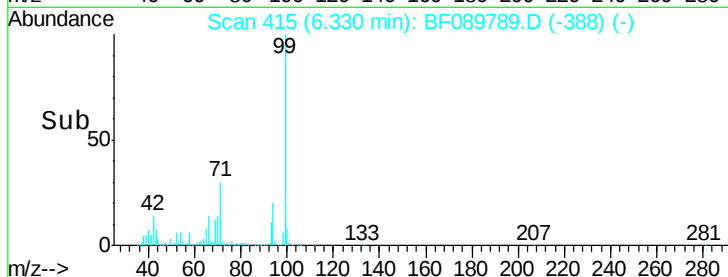
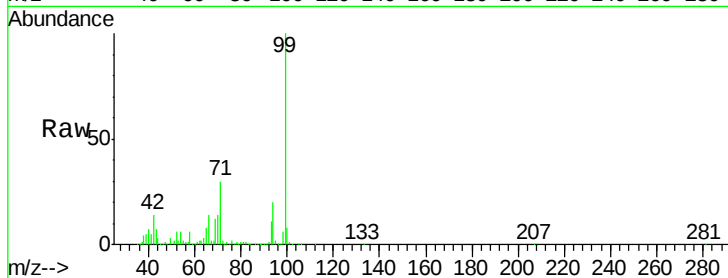
Tot Ion: 99 Resp: 4106429

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.4

71 29.9 23.8 35.8



#8

2-Chlorophenol

Concen: 43.83 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

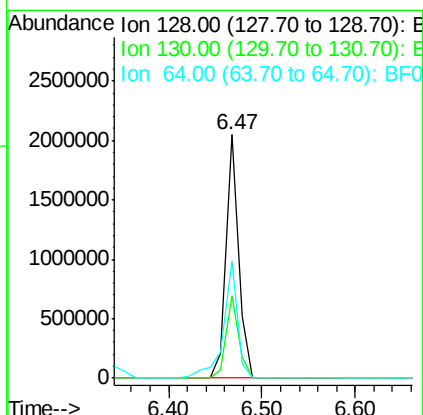
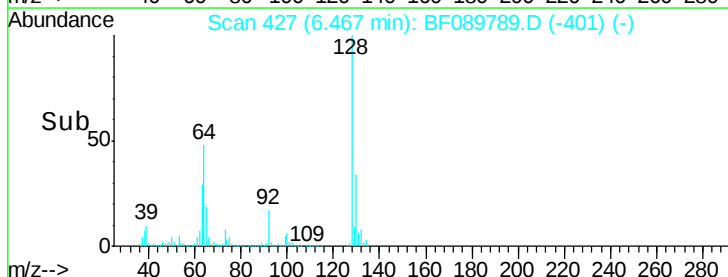
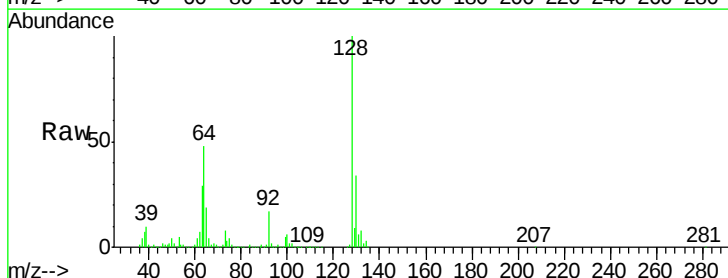
Tgt Ion: 128 Resp: 1909237

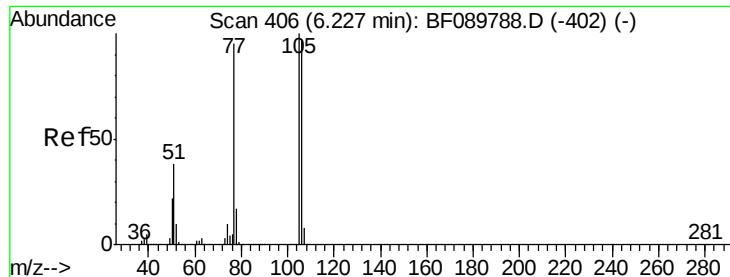
Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 47.9 35.1 75.1





#9

Benzaldehyde

Concen: 43.70 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

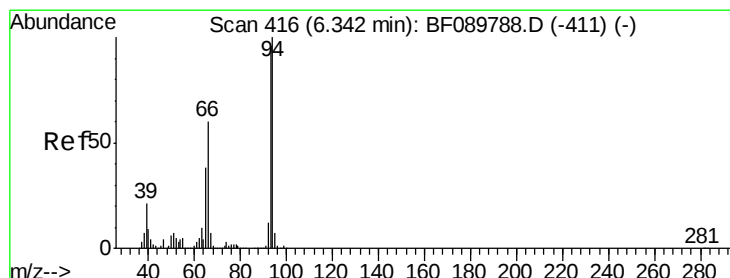
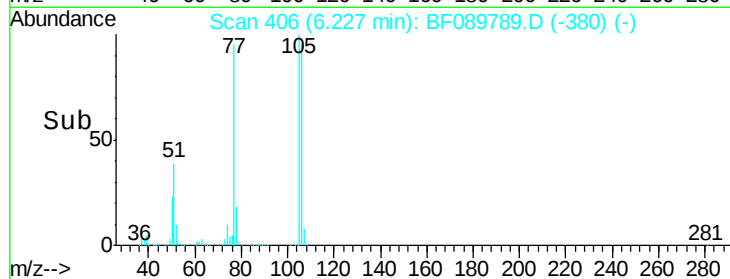
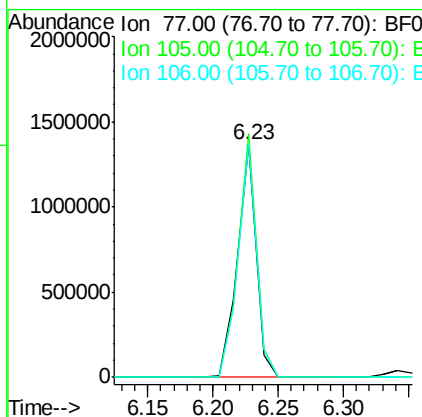
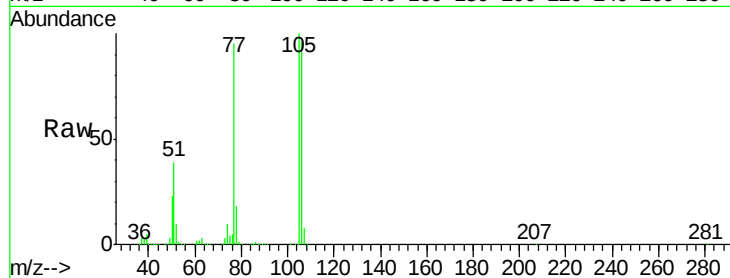
Tot Ion: 77 Resp: 1349298

Ion Ratio Lower Upper

77 100

105 104.9 73.3 113.3

106 100.8 68.6 108.6



#10

Phenol

Concen: 43.25 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

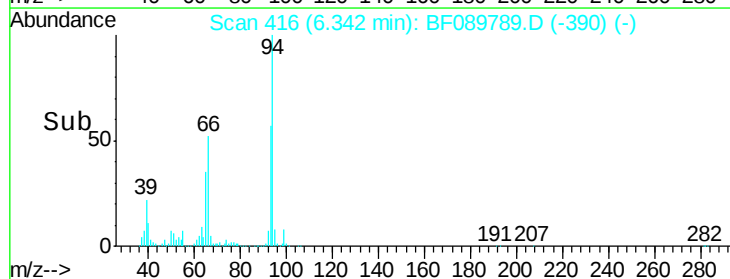
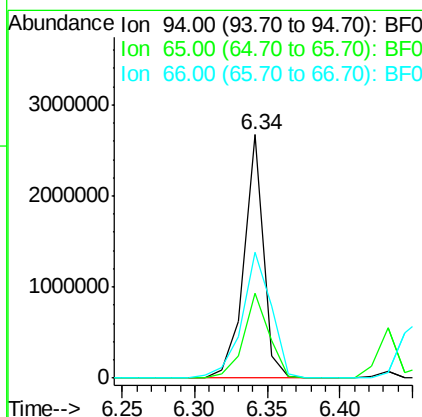
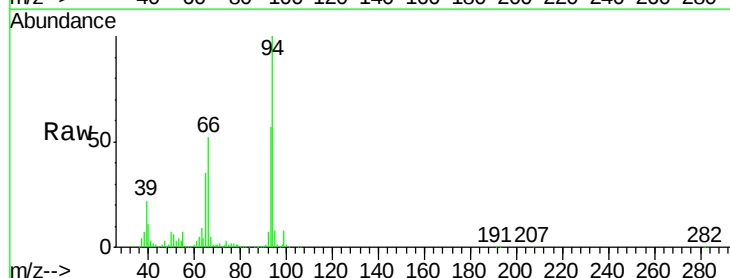
Tgt Ion: 94 Resp: 2507496

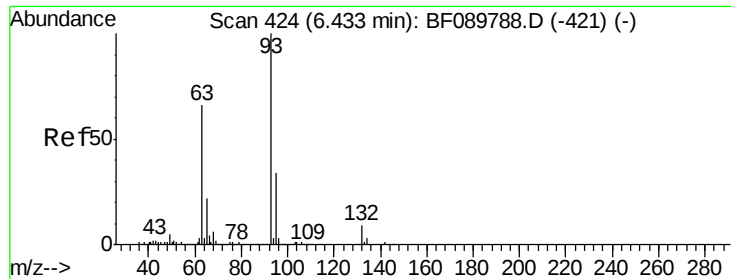
Ion Ratio Lower Upper

94 100

65 35.1 14.0 54.0

66 51.8 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 46.15 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

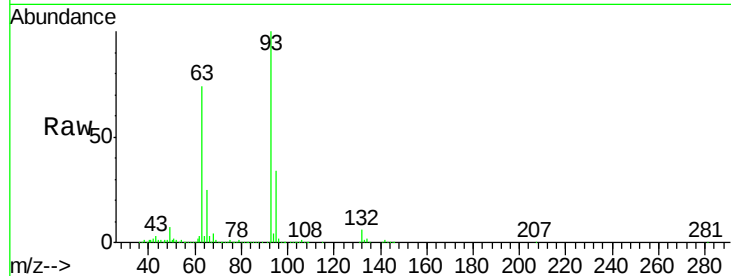
Tot Ion: 93 Resp: 1982493

Ion Ratio Lower Upper

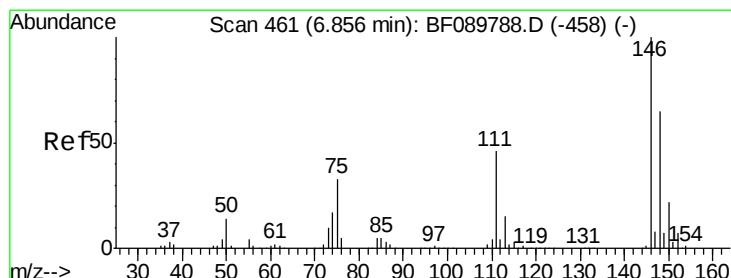
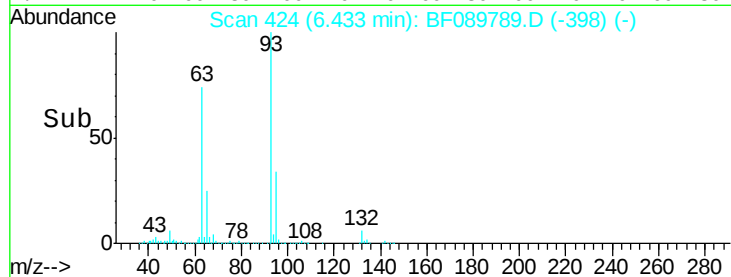
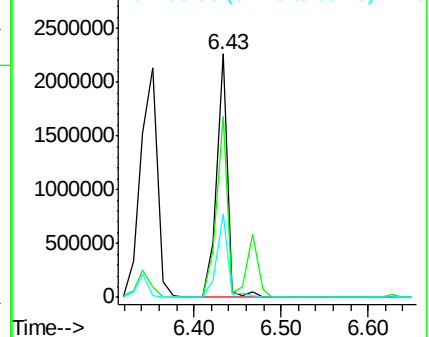
93 100

63 74.3 55.8 95.8

95 34.4 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: 45.87 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

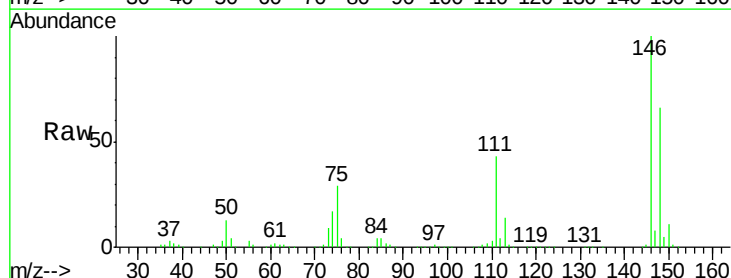
Tgt Ion: 146 Resp: 2135705

Ion Ratio Lower Upper

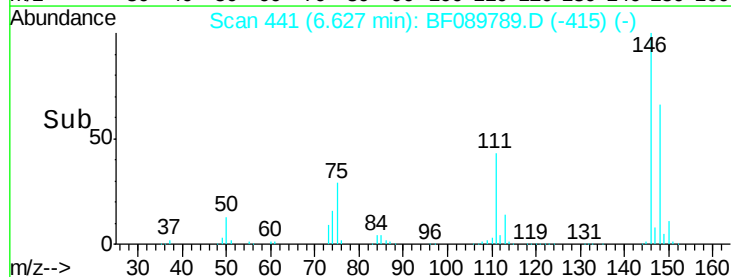
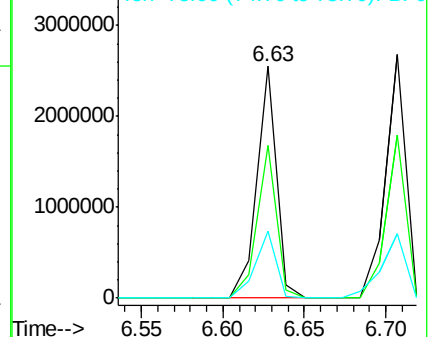
146 100

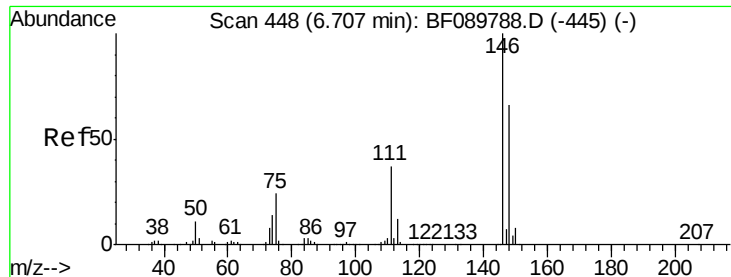
148 66.0 51.0 76.4

75 29.0 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

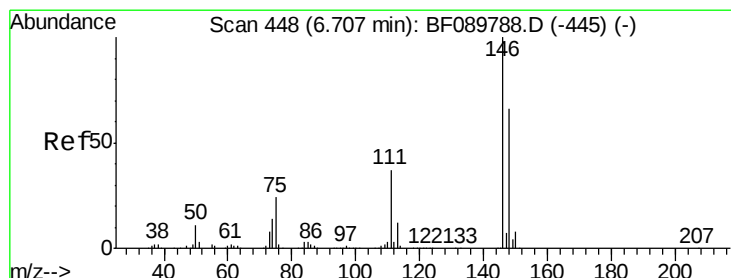
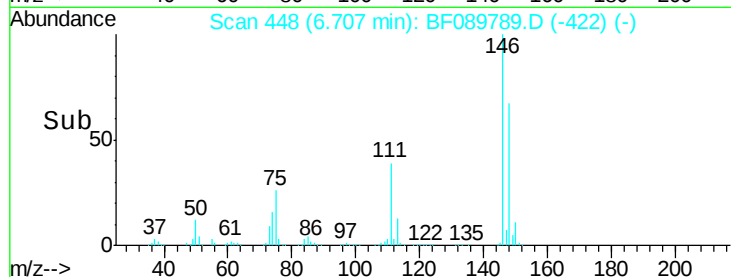
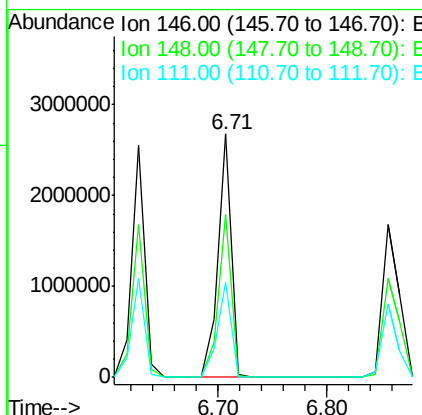
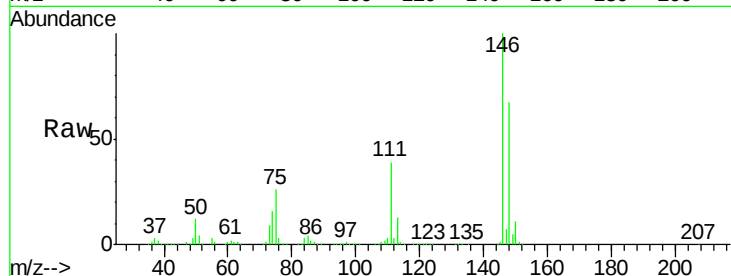




#13
 1,4-Dichlorobenzene
 Concen: 48.87 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

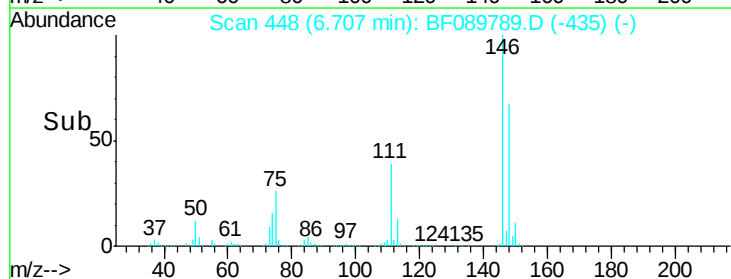
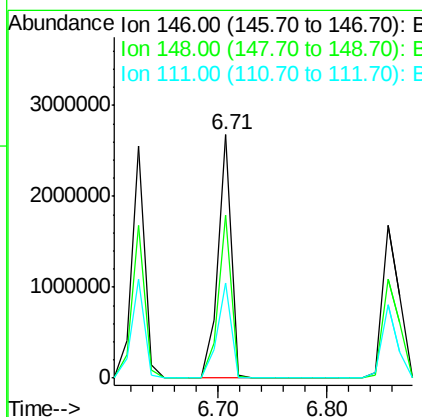
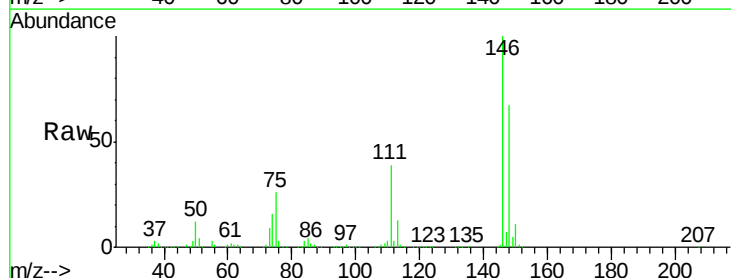
Instrument :
 BNA_F
 ClientSampleId :

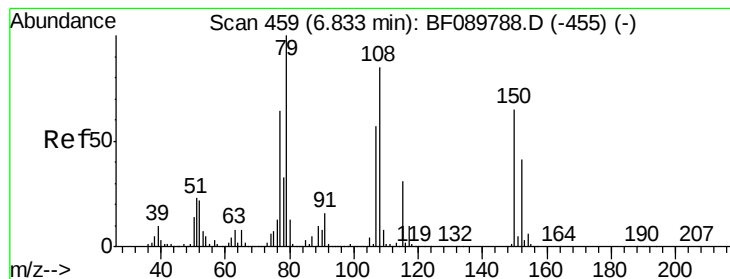
Tot Ion:146 Resp: 2305213
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.0 76.6
 111 39.1 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 51.26 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:146 Resp: 2305213
 Ion Ratio Lower Upper
 146 100
 148 67.1 52.2 78.2
 111 39.1 29.8 44.6





#15

Benzyl Alcohol

Concen: 40.92 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

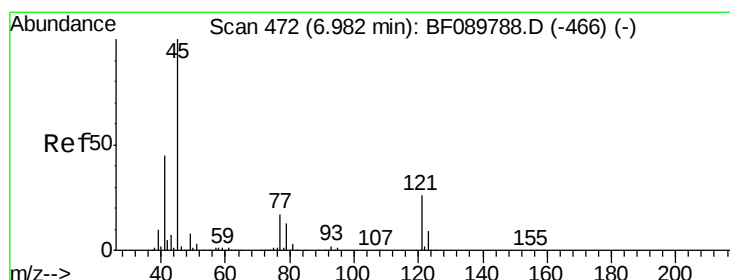
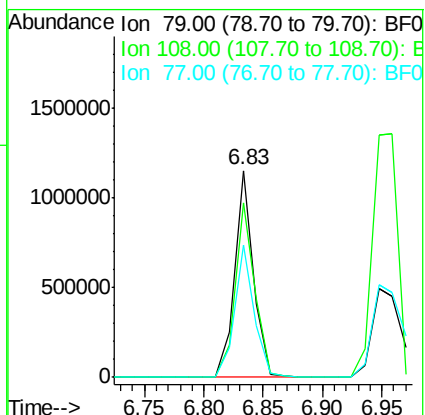
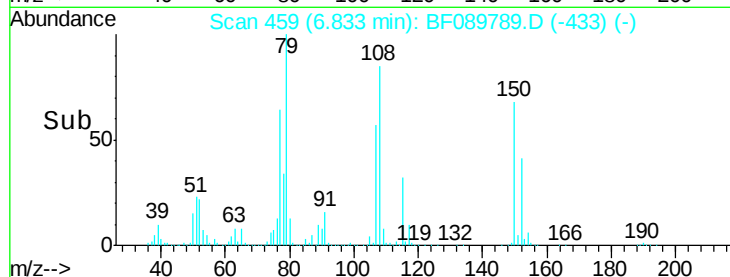
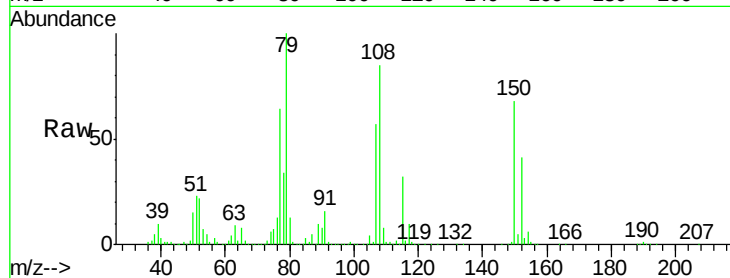
Tot Ion: 79 Resp: 1273885

Ion Ratio Lower Upper

79 100

108 84.7 62.5 93.7

77 63.8 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.69 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

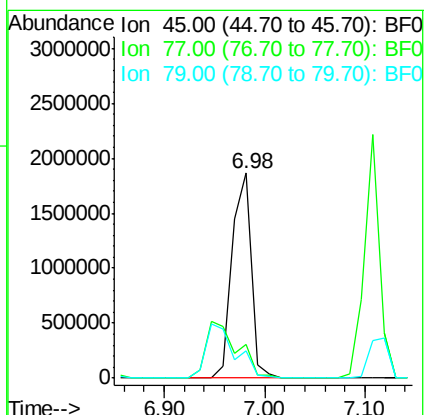
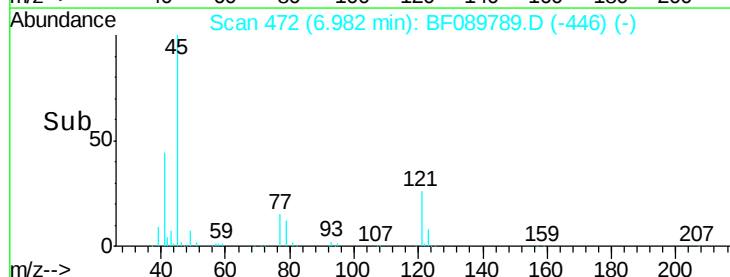
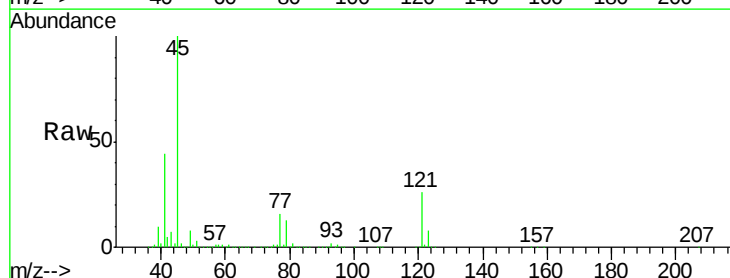
Tgt Ion: 45 Resp: 2462517

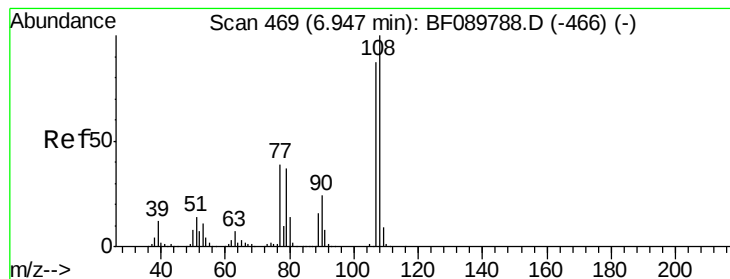
Ion Ratio Lower Upper

45 100

77 16.4 0.0 33.5

79 13.4 0.0 30.7

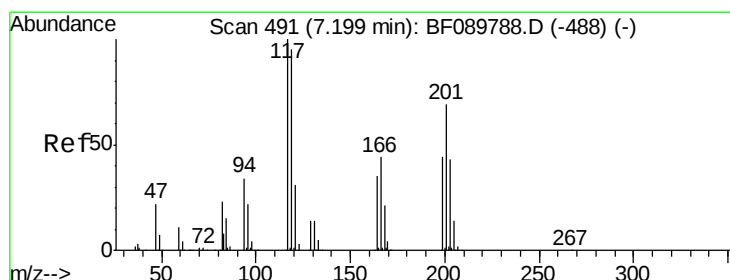
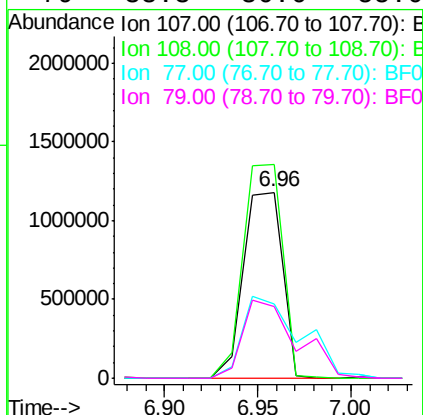
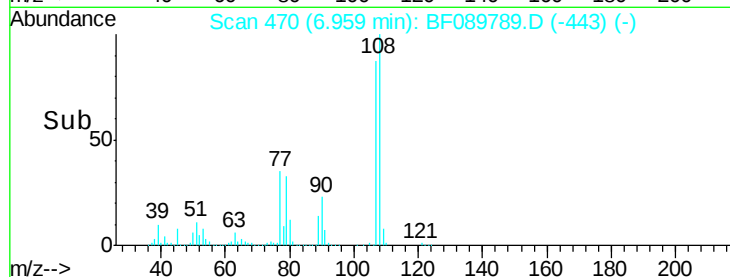
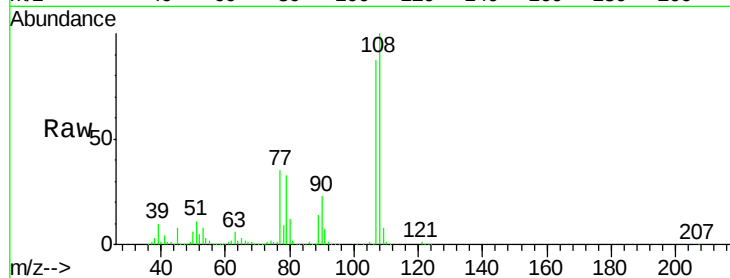




#17
2-Methylphenol
Concen: 49.62 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

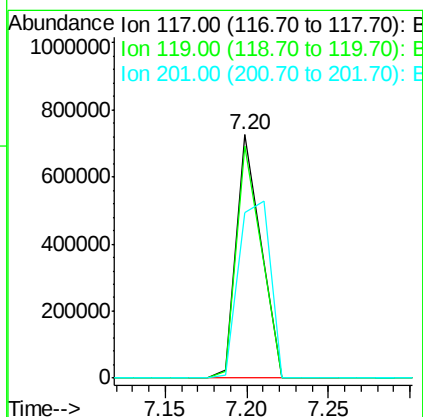
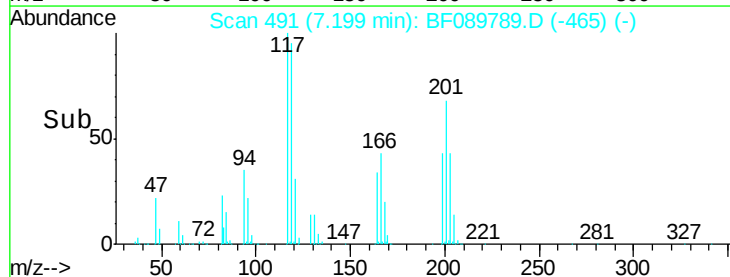
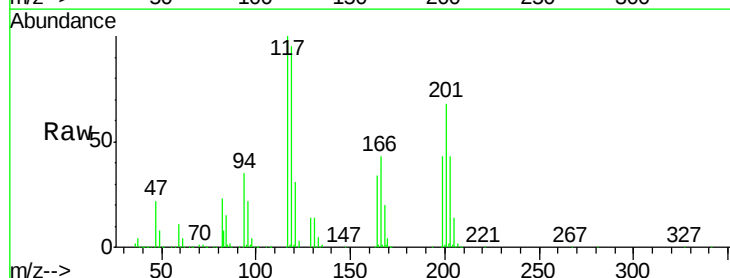
Instrument :
BNA_F
ClientSampleId :

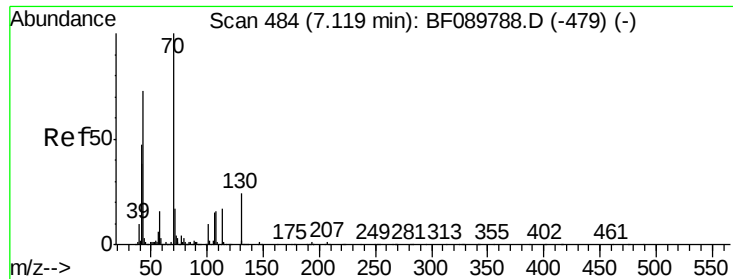
Tot Ion:107 Resp: 1717266
Ion Ratio Lower Upper
107 100
108 114.9 91.0 136.4
77 39.9 37.4 56.0
79 38.3 36.6 55.0



#18
Hexachloroethane
Concen: 43.52 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion:117 Resp: 752380
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7
201 67.9 76.9 115.3#

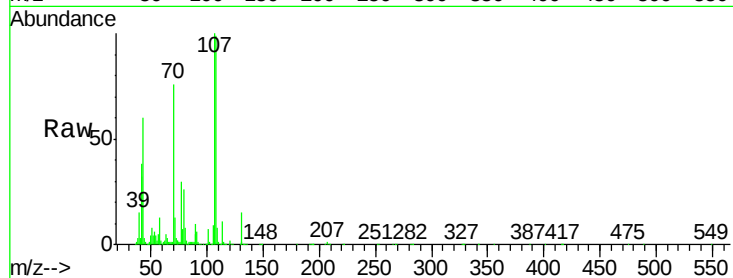




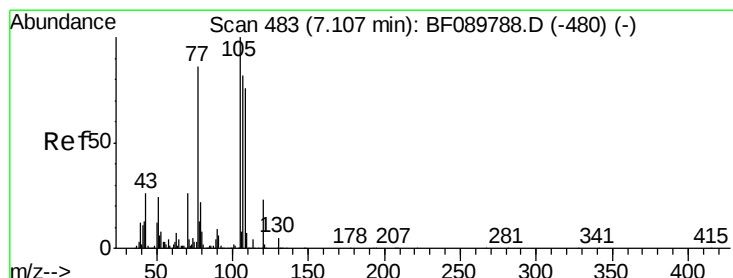
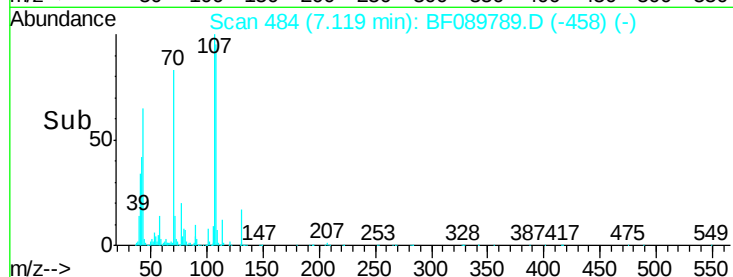
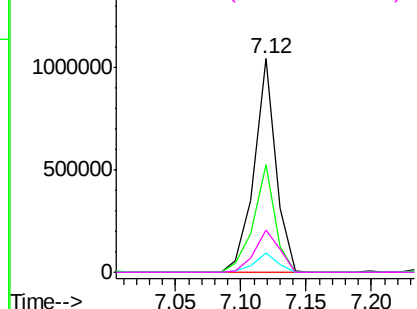
#19
n-Nitroso-di-n-propylamine
Concen: 39.69 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1210813
Ion Ratio Lower Upper
70 100
42 50.1 46.3 69.5
101 9.1 7.0 10.6
130 19.8 14.4 21.6

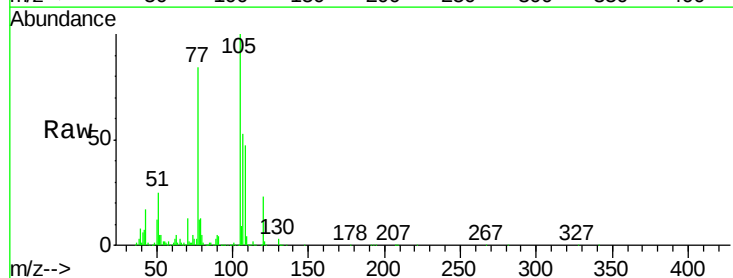


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

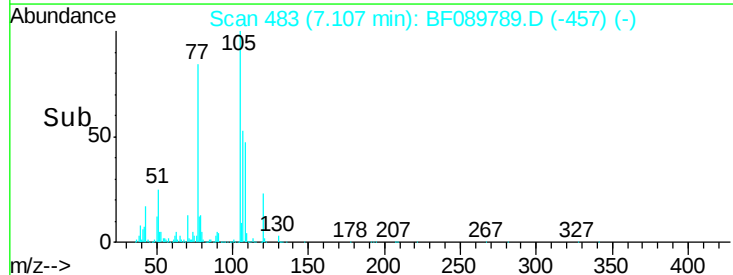
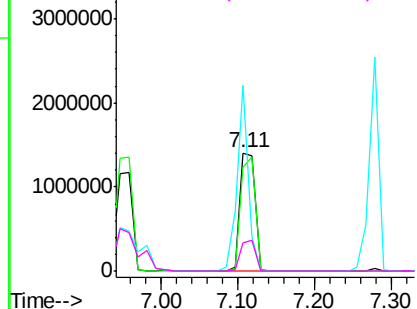


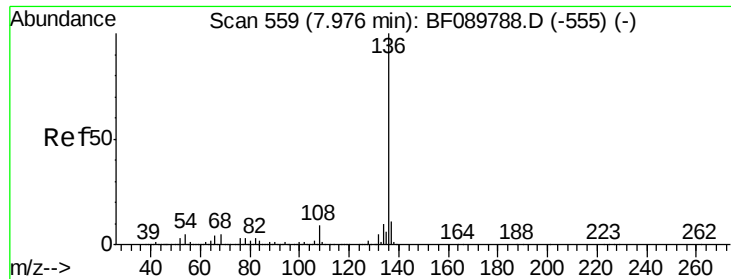
#20
3+4-Methylphenols
Concen: 43.99 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion: 107 Resp: 1949679
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 158.1 122.3 162.3
79 24.4 8.2 48.2



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

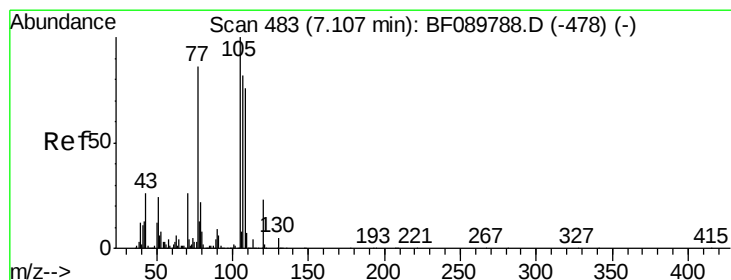
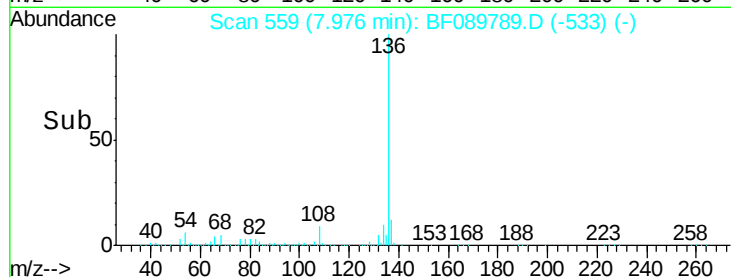
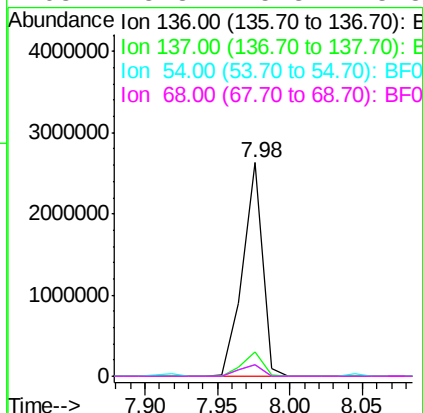
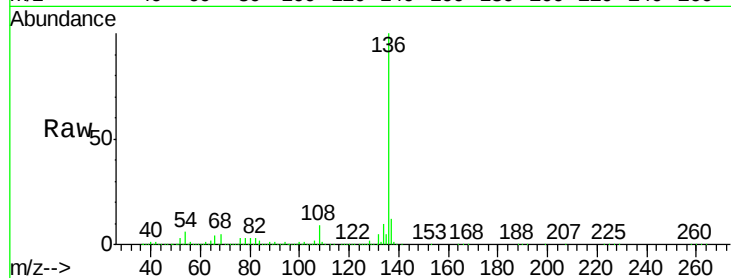




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

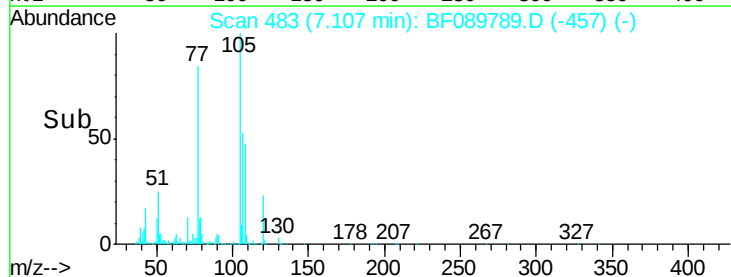
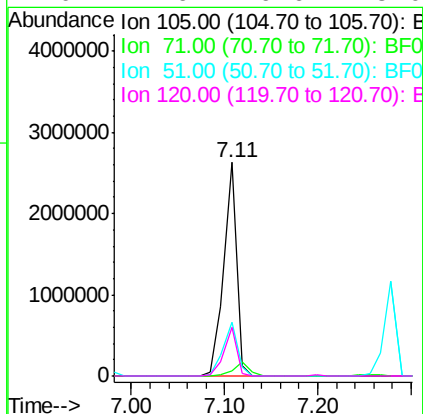
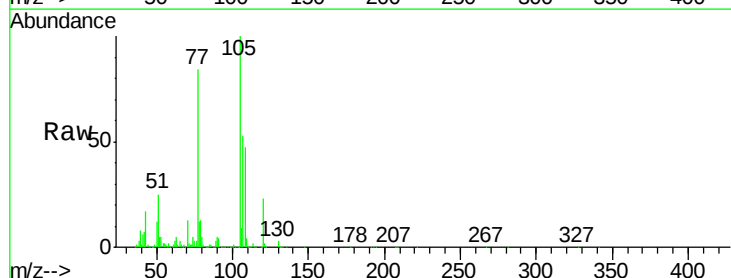
Instrument :
BNA_F
ClientSampleId :

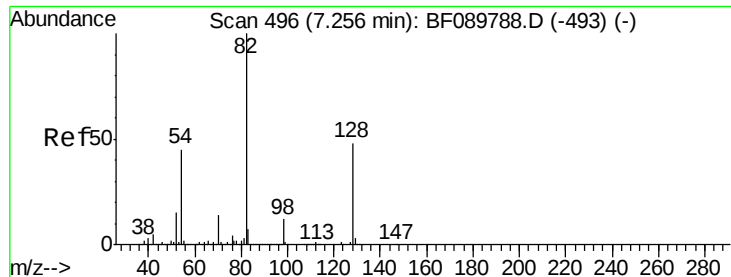
Tot Ion:136	Resp: 2492277
Ion Ratio	Lower Upper
136 100	
137 11.6	9.2 13.8
54 5.7	7.2 10.8#
68 5.3	5.8 8.8#



#22
Acetophenone
Concen: 43.39 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt	Ion:105	Resp:	2513819
Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.9	2.9
51	25.3	28.5	42.7#
120	22.6	16.6	25.0

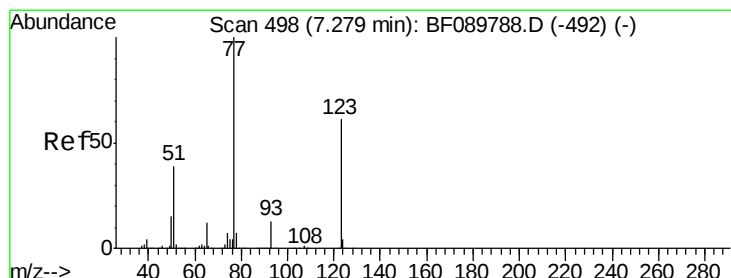
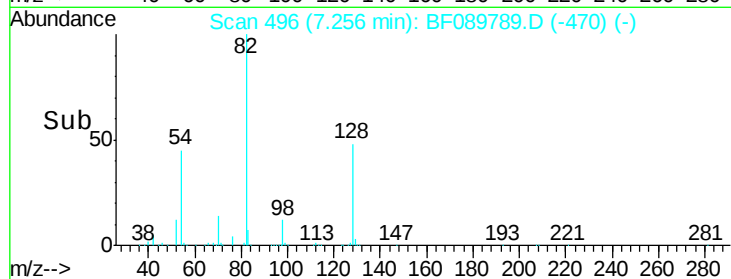
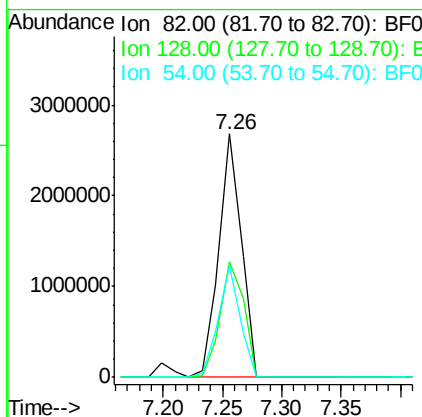
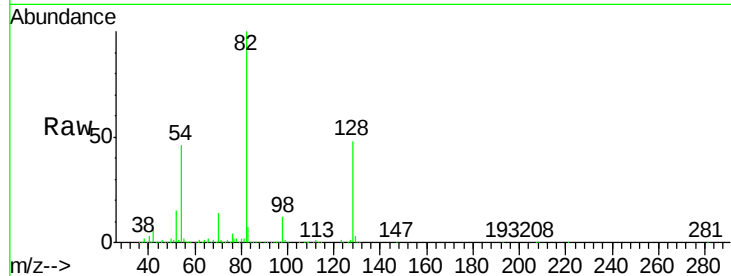




#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

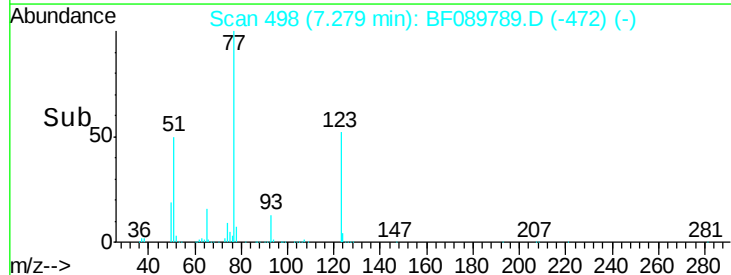
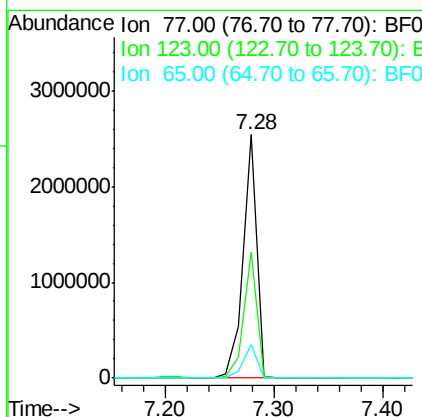
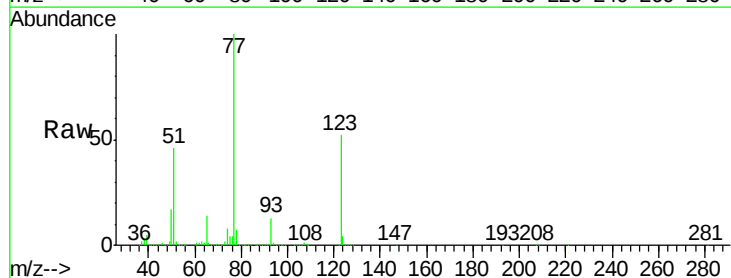
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 3497050
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.4 51.6
 54 46.1 40.3 60.5



#24
 Nitrobenzene
 Concen: 47.22 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion: 77 Resp: 2168143
 Ion Ratio Lower Upper
 77 100
 123 51.9 36.2 54.2
 65 13.8 10.6 15.8





#25

Isophorone

Concen: 44.48 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

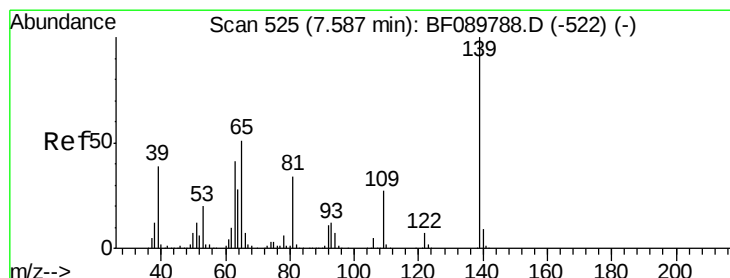
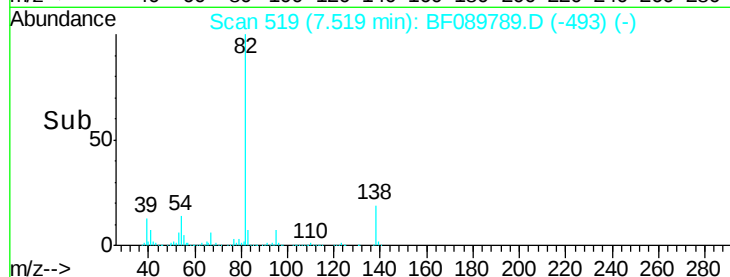
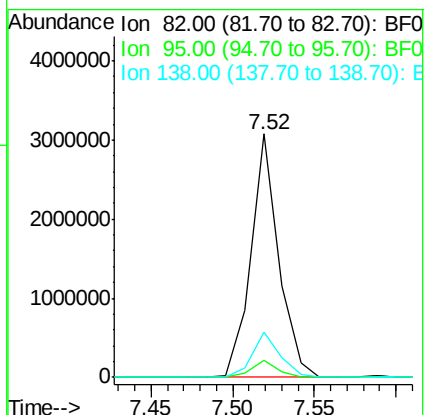
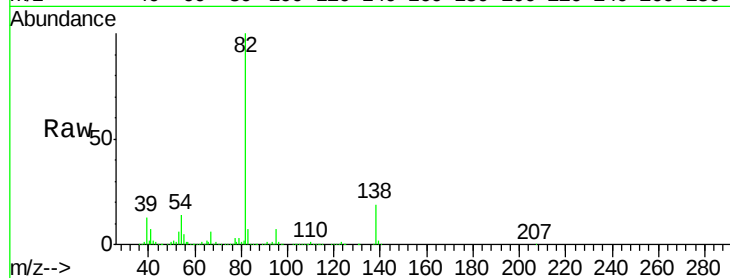
Tot Ion: 82 Resp: 3632331

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 18.8 13.0 19.4



#26

2-Nitrophenol

Concen: 45.52 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

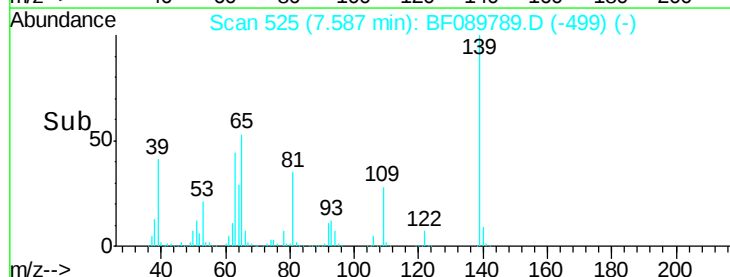
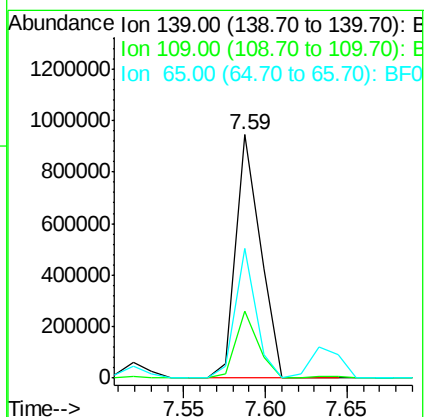
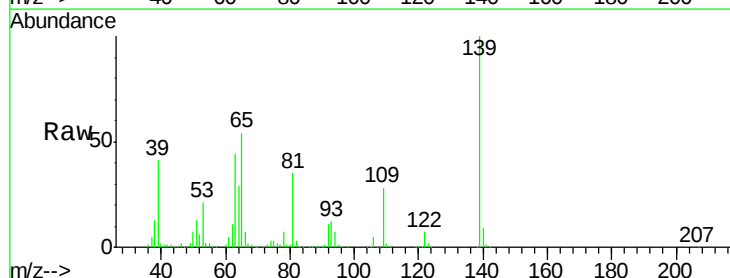
Tgt Ion: 139 Resp: 983353

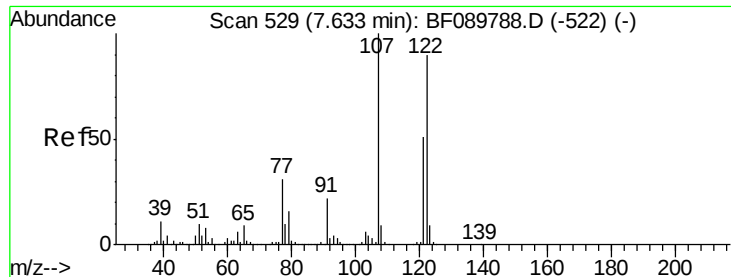
Ion Ratio Lower Upper

139 100

109 27.7 19.5 29.3

65 53.5 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 47.65 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

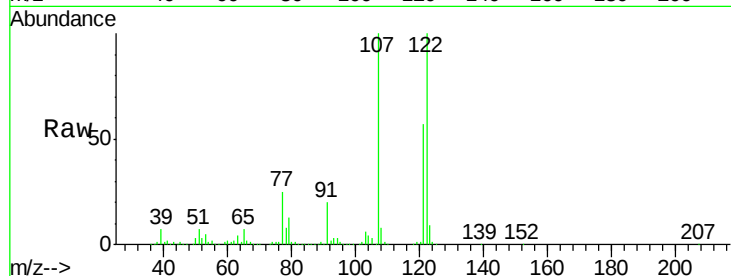
Tot Ion:122 Resp: 1951188

Ion Ratio Lower Upper

122 100

107 100.4 84.8 127.2

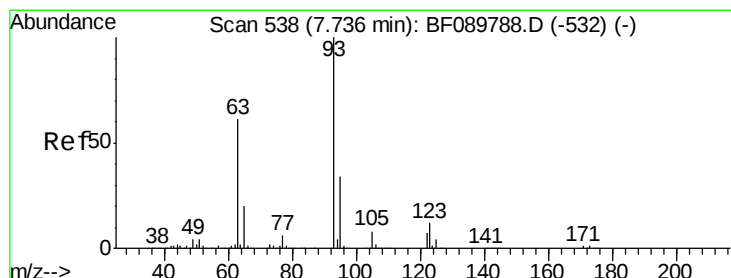
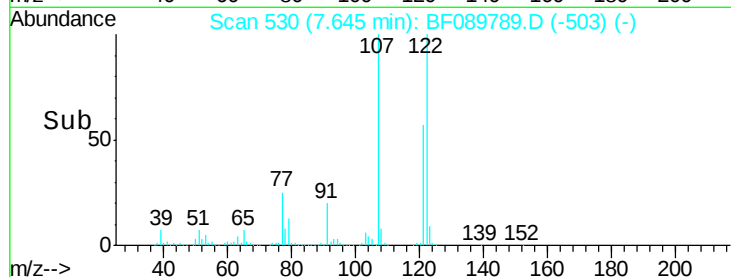
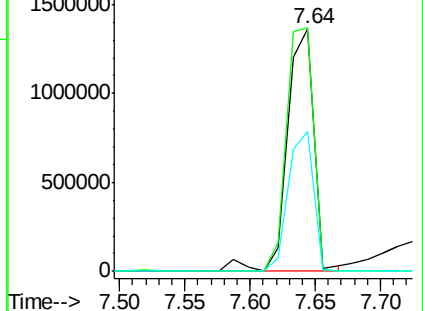
121 57.6 47.0 70.6



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: 43.30 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

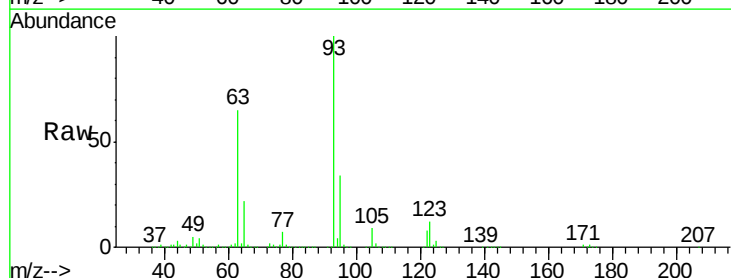
Tgt Ion: 93 Resp: 2148782

Ion Ratio Lower Upper

93 100

95 34.1 25.5 38.3

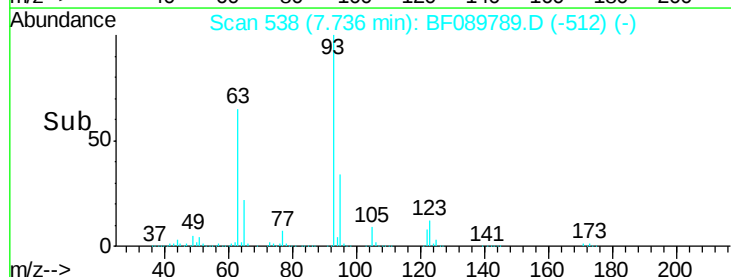
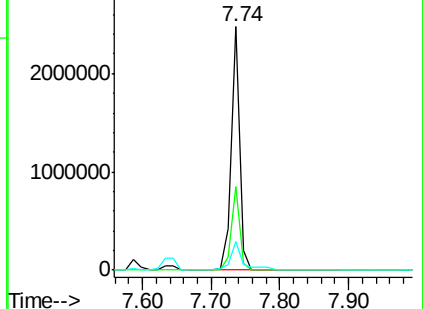
123 11.7 8.5 12.7

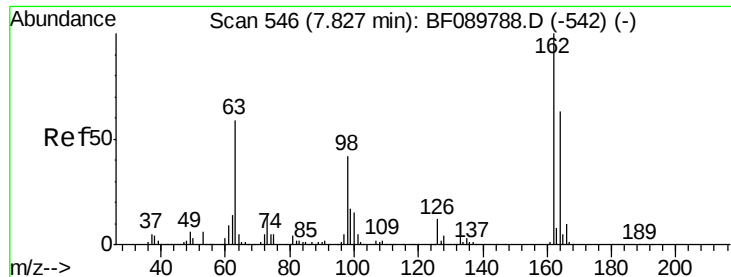


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

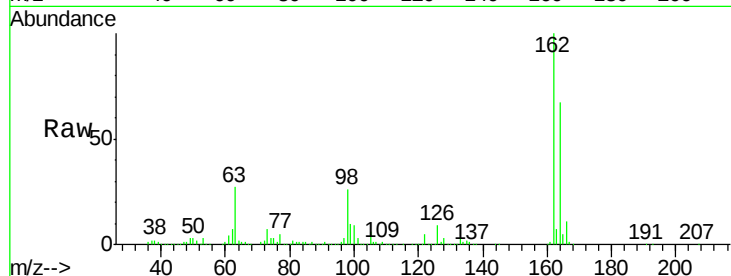




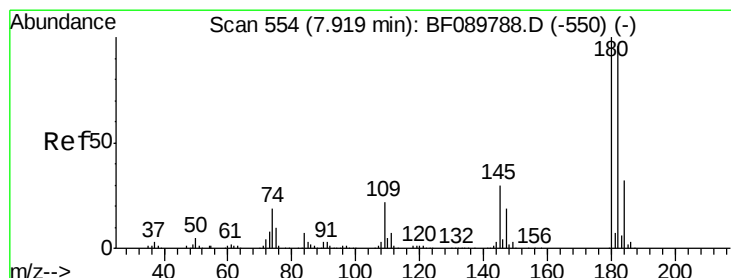
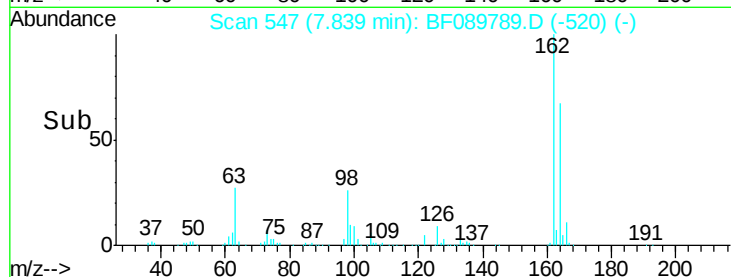
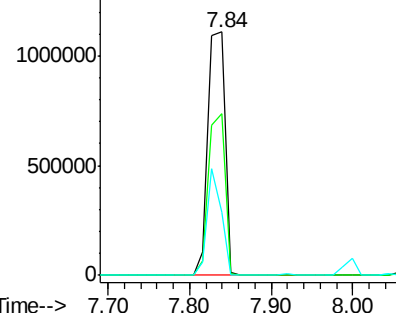
#29
 2,4-Dichlorophenol
 Concen: 46.87 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1597838
 Ion Ratio Lower Upper
 162 100
 164 66.6 45.5 85.5
 98 25.8 12.4 52.4

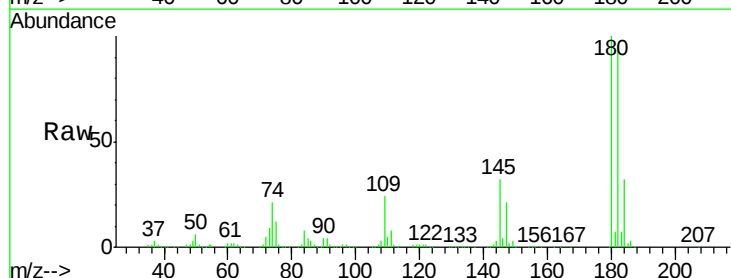


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

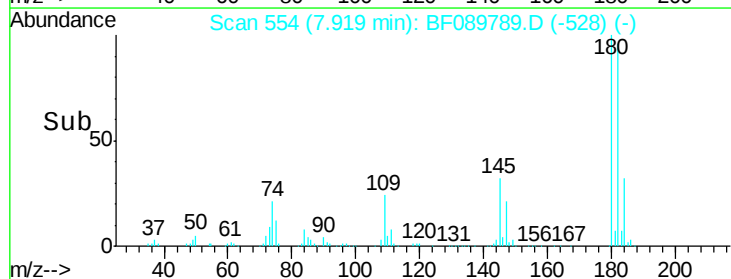
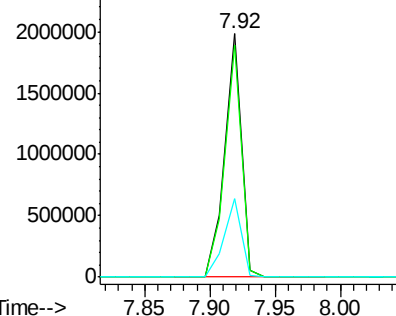


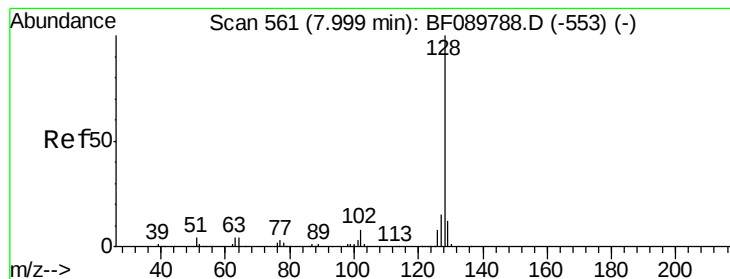
#30
 1,2,4-Trichlorobenzene
 Concen: 47.85 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:180 Resp: 1751175
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.5 113.3
 145 32.5 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: 46.87 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

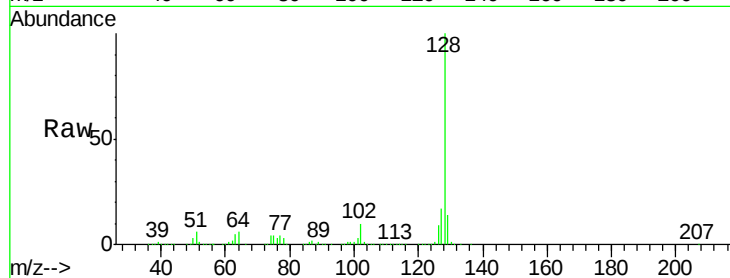
Tot Ion:128 Resp: 5243385

Ion Ratio Lower Upper

128 100

129 13.7 9.5 14.3

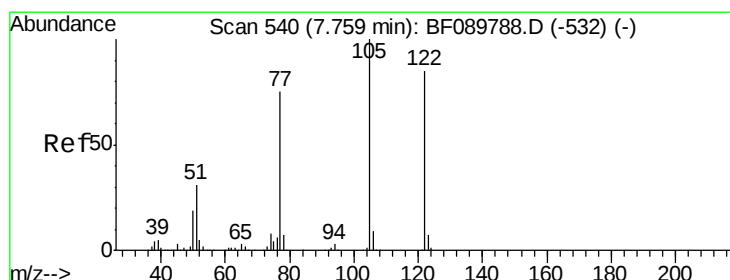
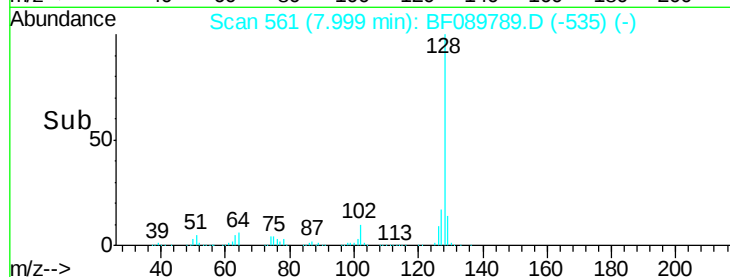
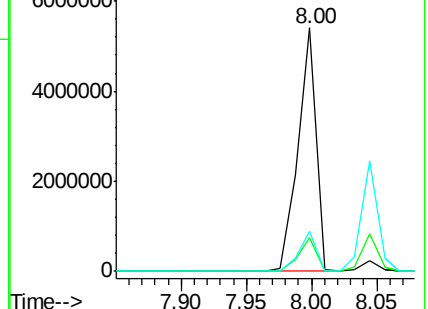
127 16.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.41 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

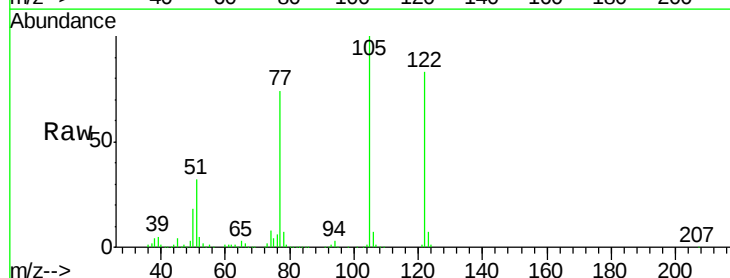
Tgt Ion:122 Resp: 1604976

Ion Ratio Lower Upper

122 100

105 120.6 100.8 140.8

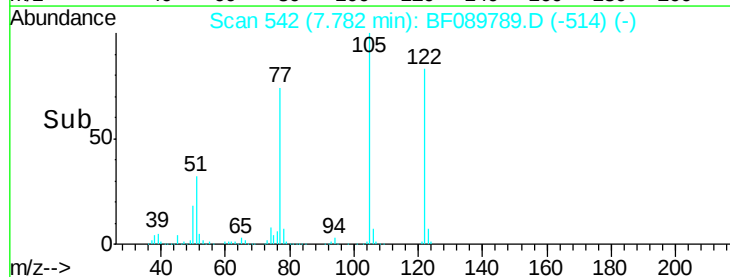
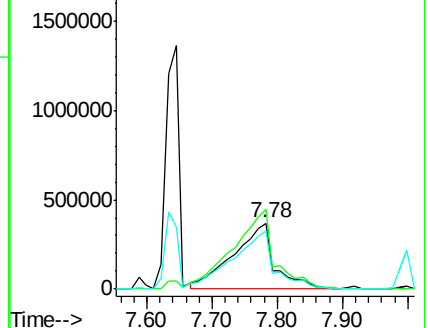
77 88.8 72.1 112.1

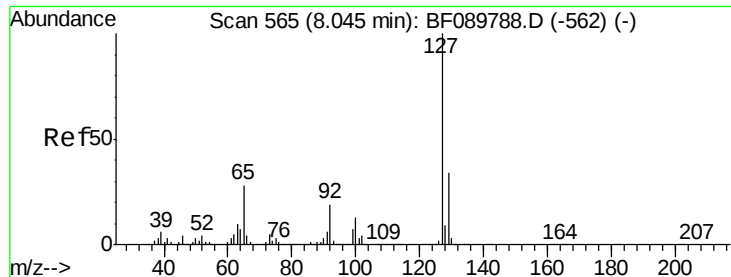


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

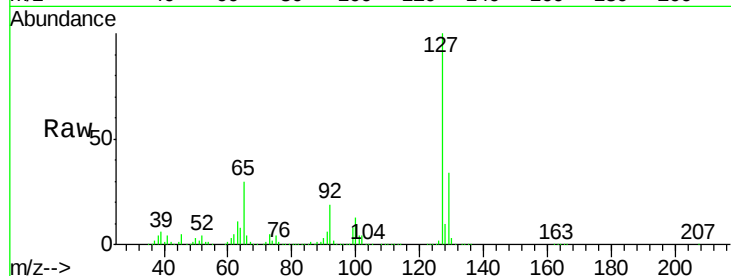




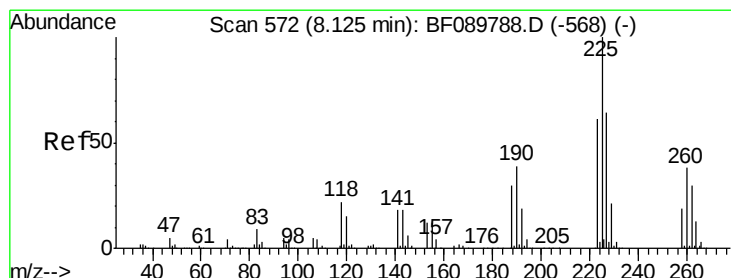
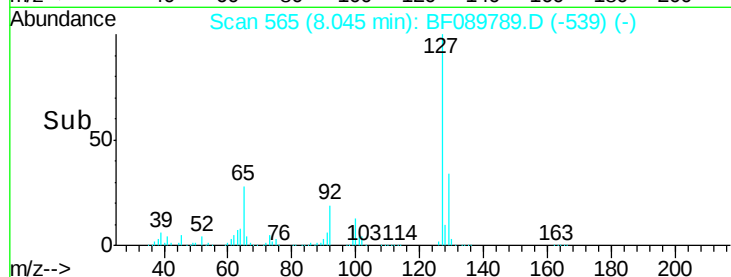
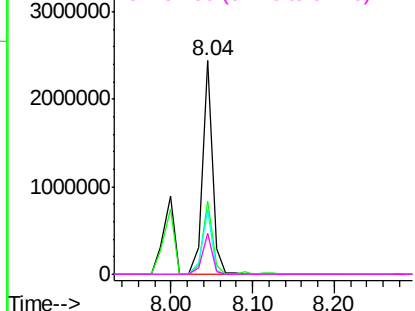
#33
4-Chloroaniline
Concen: 40.88 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 2115917
Ion Ratio Lower Upper
127 100
129 34.4 27.0 40.6
65 29.9 14.7 22.1#
92 19.4 11.7 17.5#

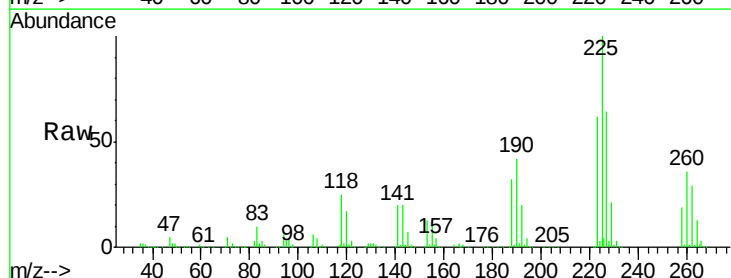


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

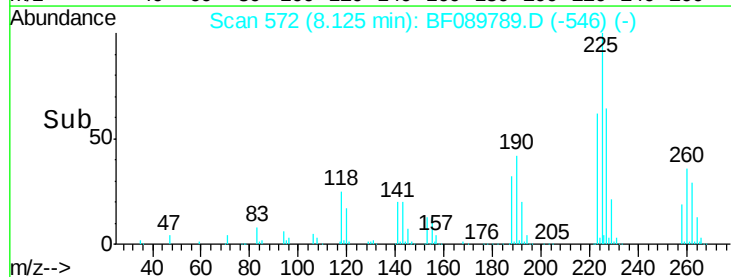
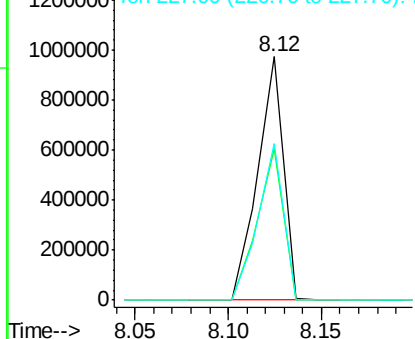


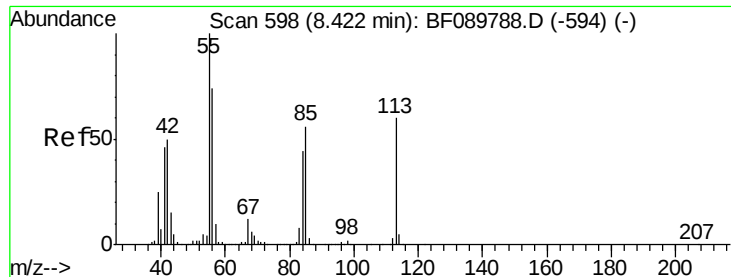
#34
Hexachlorobutadiene
Concen: 48.05 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion:225 Resp: 923791
Ion Ratio Lower Upper
225 100
223 62.2 51.0 76.6
227 64.1 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

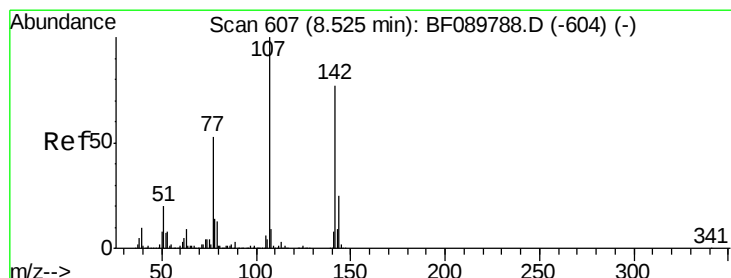
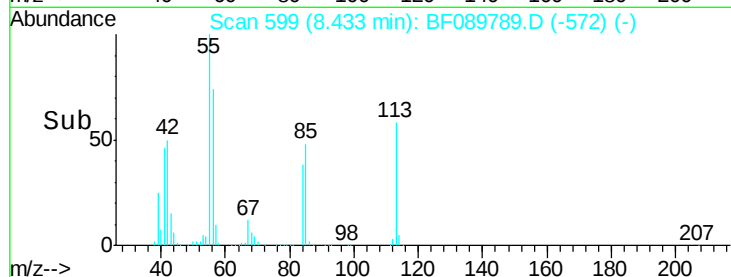
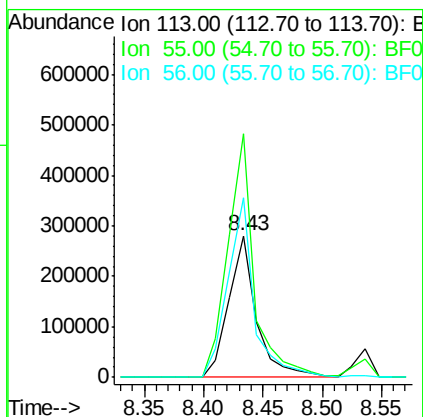
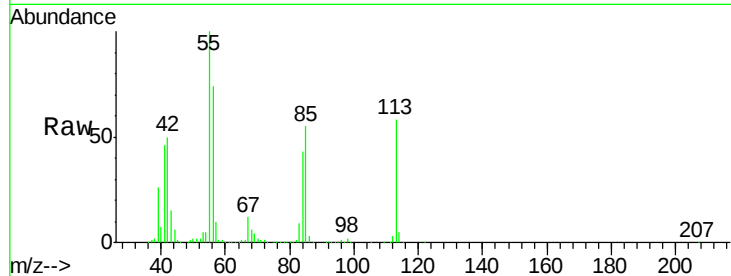




#35
 Caprolactam
 Concen: 43.47 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

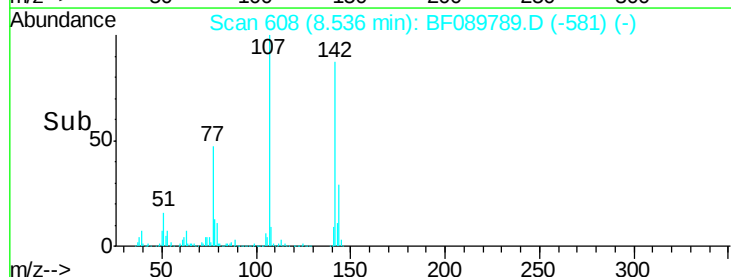
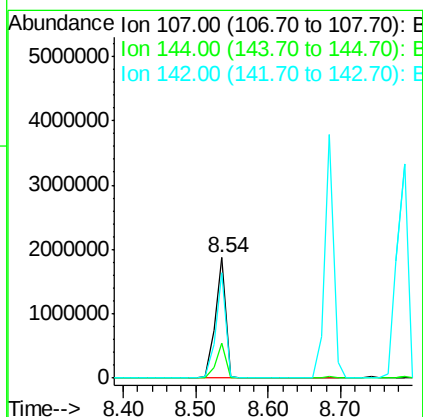
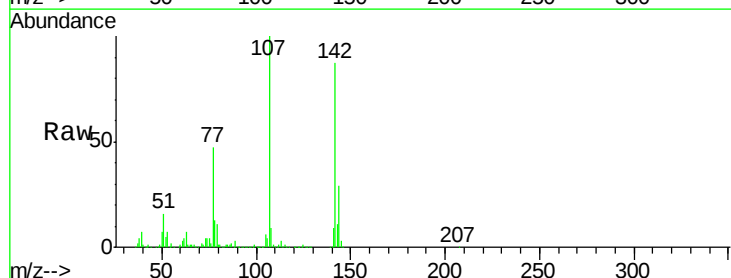
Instrument :
 BNA_F
 ClientSampleId :

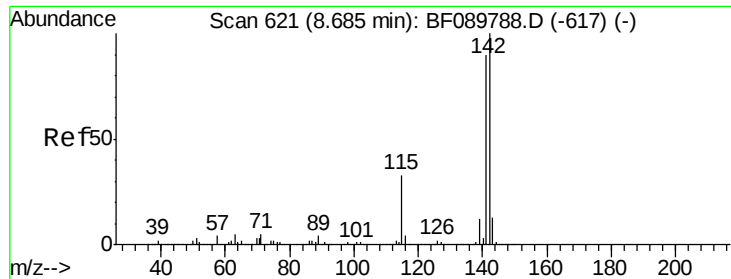
Tot Ion:113 Resp: 456753
 Ion Ratio Lower Upper
 113 100
 55 172.0 135.9 175.9
 56 126.7 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.77 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:107 Resp: 1847224
 Ion Ratio Lower Upper
 107 100
 144 29.4 22.6 34.0
 142 87.3 69.3 103.9

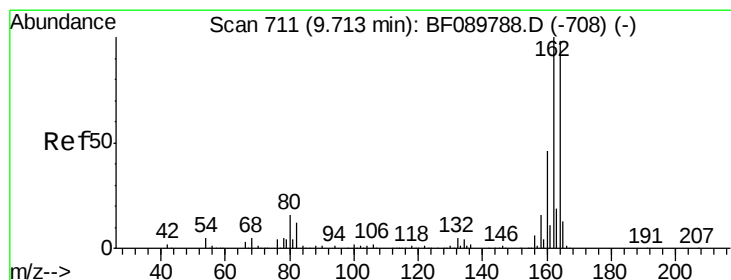
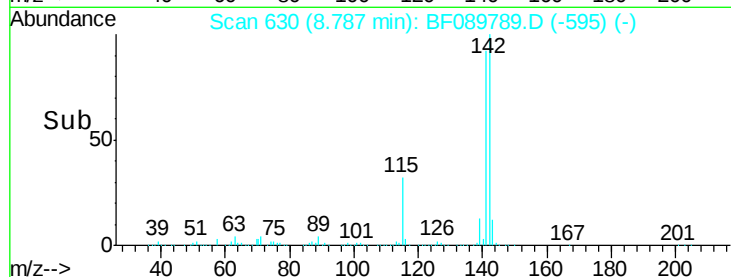
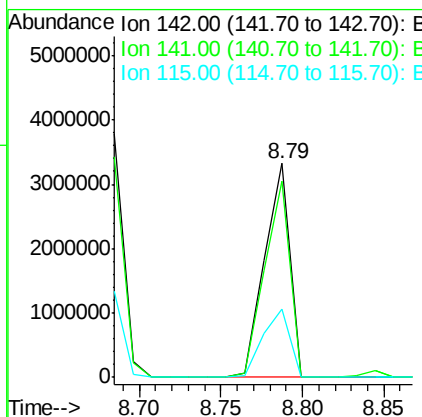
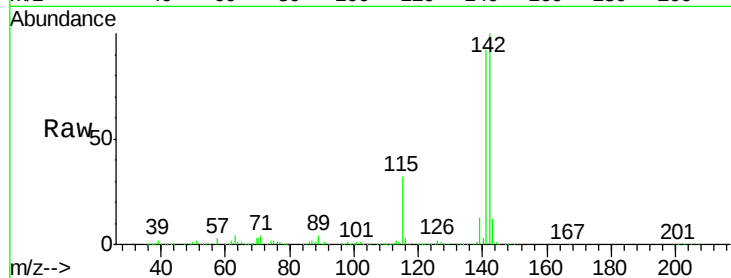




#37
2-Methylnaphthalene
Concen: 46.91 ng
RT: 8.79 min Scan# 630
Delta R.T. 0.10 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

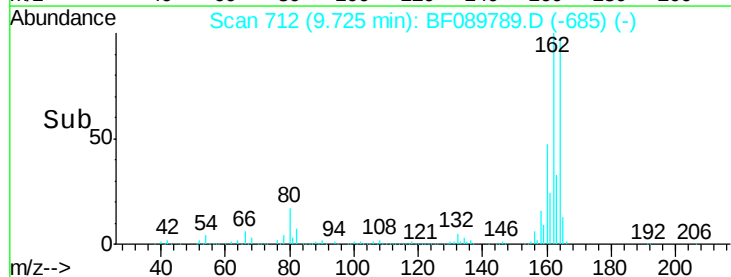
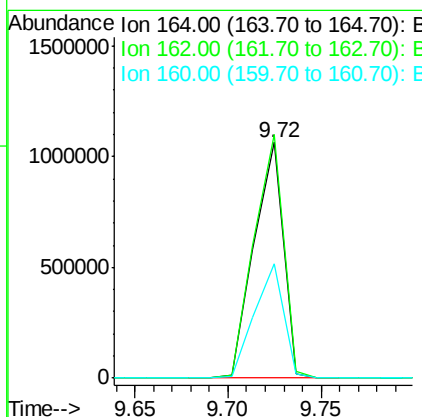
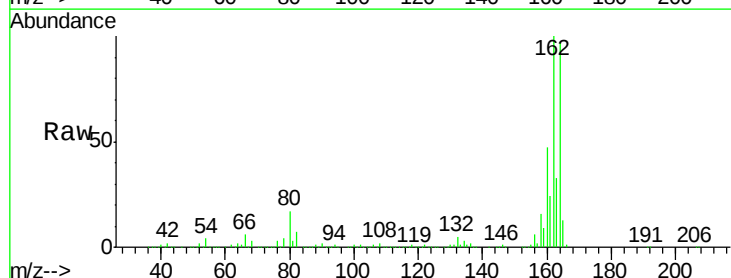
Instrument :
BNA_F
ClientSampled :

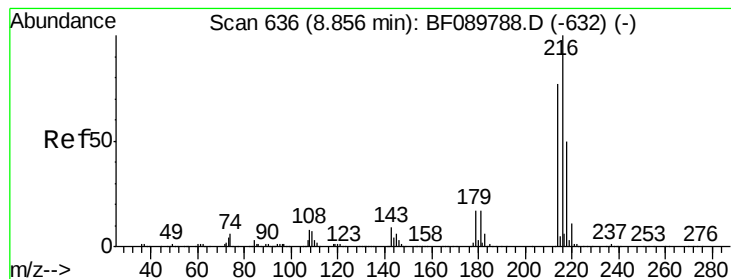
Tot Ion:142 Resp: 3571876
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.2
115 32.0 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion:164 Resp: 1149750
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.2
160 48.8 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.72 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 1800777

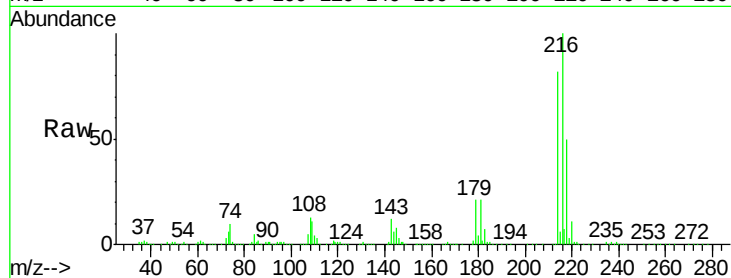
Ion Ratio Lower Upper

216 100

214 81.7 63.5 95.3

179 22.8 19.9 29.9

108 18.8 19.9 29.9#

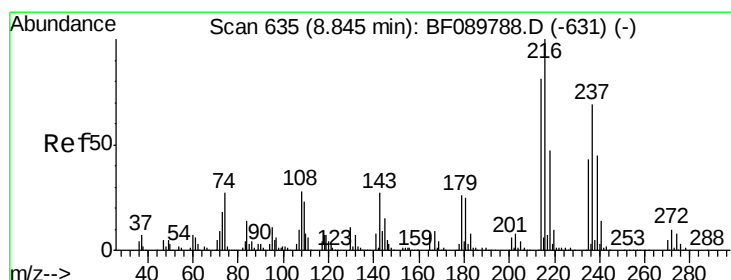
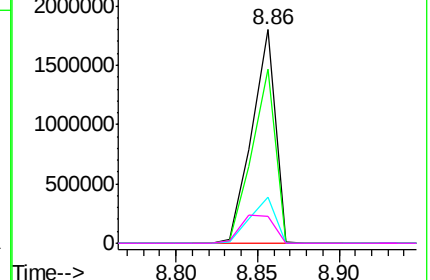
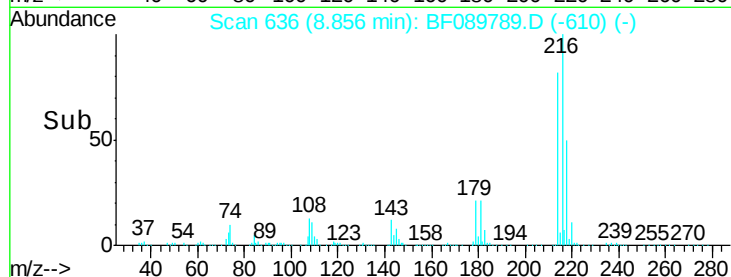


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.77 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

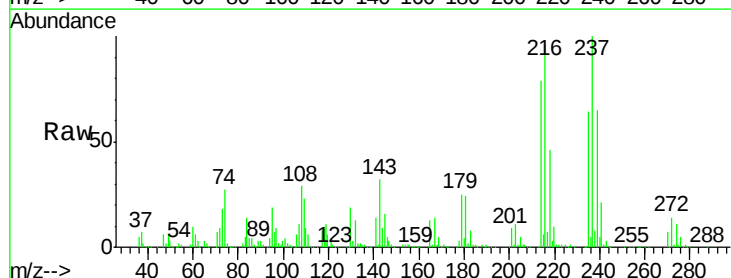
Tgt Ion:237 Resp: 671622

Ion Ratio Lower Upper

237 100

235 64.5 43.7 83.7

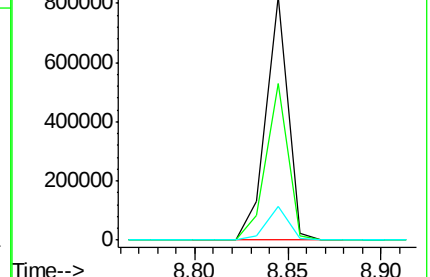
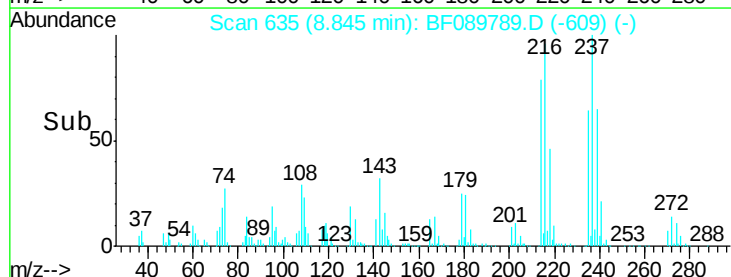
272 13.7 0.0 31.6

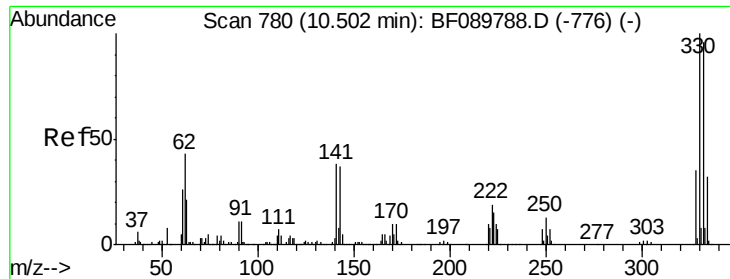


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

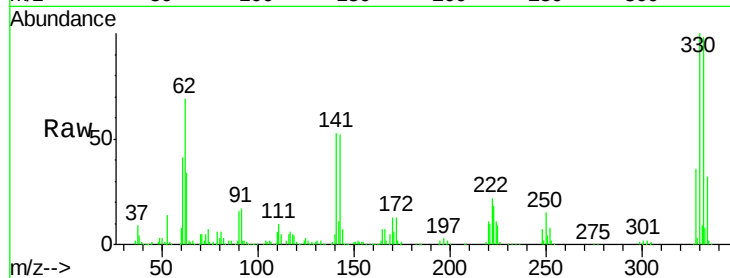




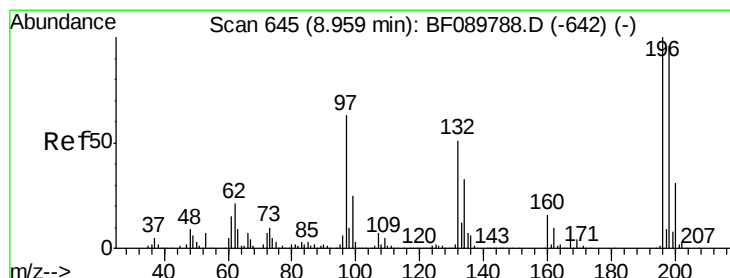
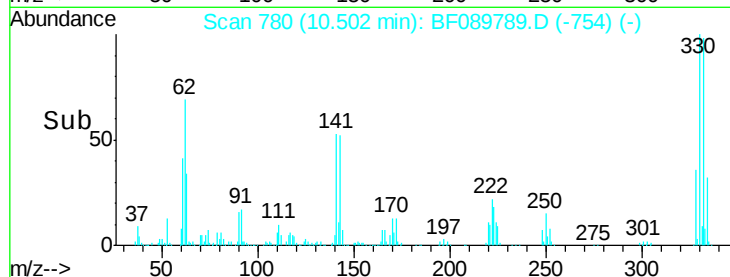
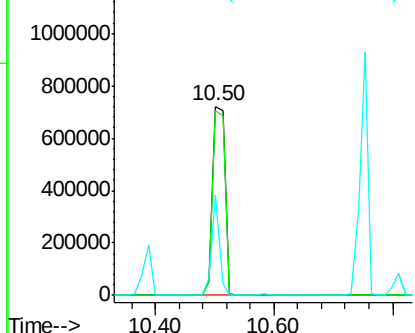
#41
 2,4,6-Tribromophenol
 Concen: 92.70 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1031042
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.7 115.1
 141 33.2 30.2 45.2

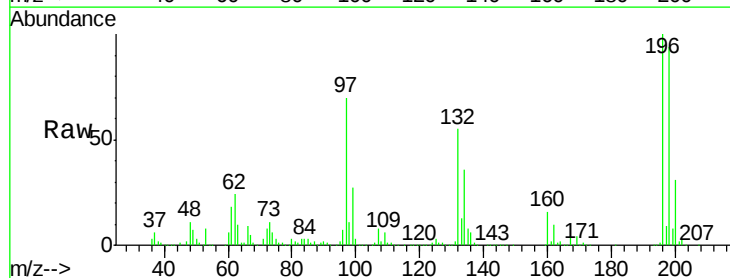


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

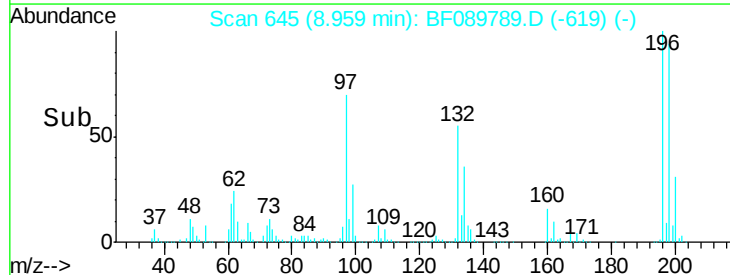
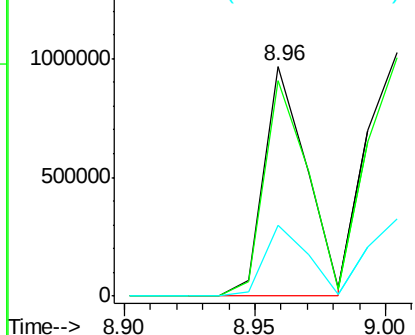


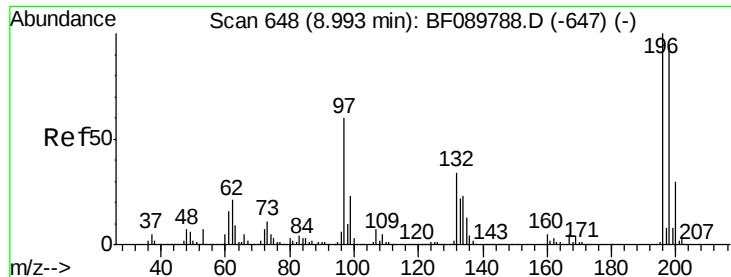
#42
 2,4,6-Trichlorophenol
 Concen: 45.55 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:196 Resp: 1087696
 Ion Ratio Lower Upper
 196 100
 198 93.9 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

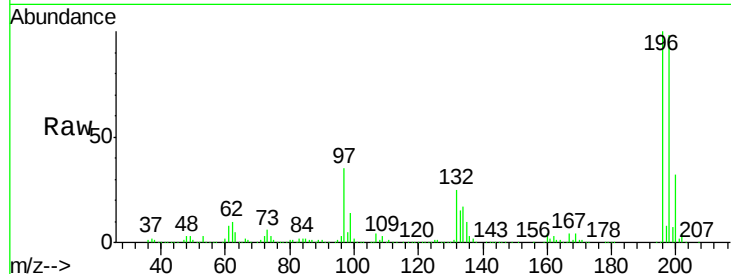




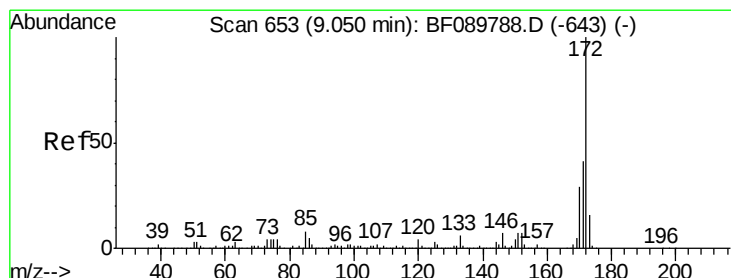
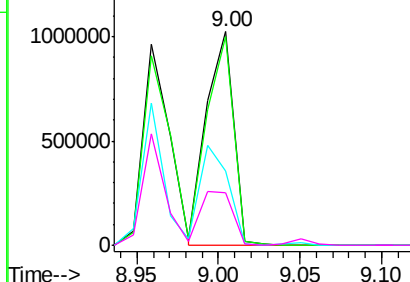
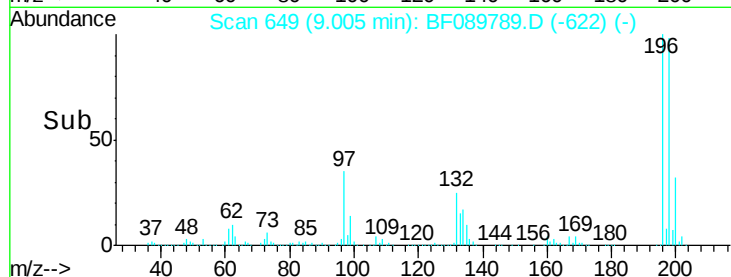
#43
 2,4,5-Trichlorophenol
 Concen: 52.44 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1193964
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.6 114.8
 97 35.0 35.8 53.8#
 132 24.7 23.5 35.3

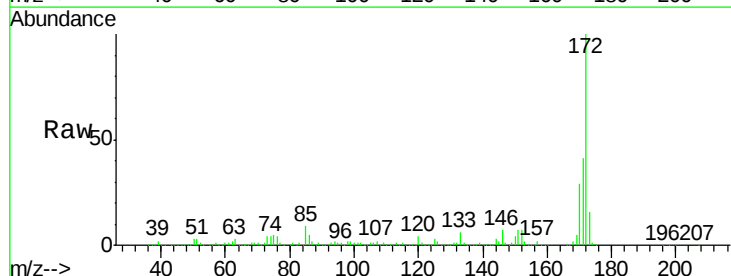


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

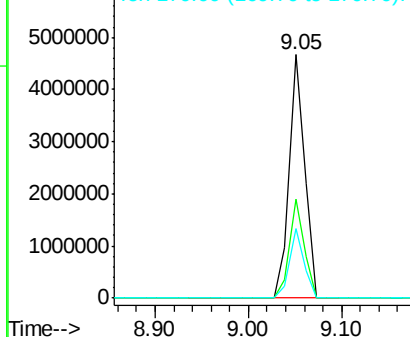
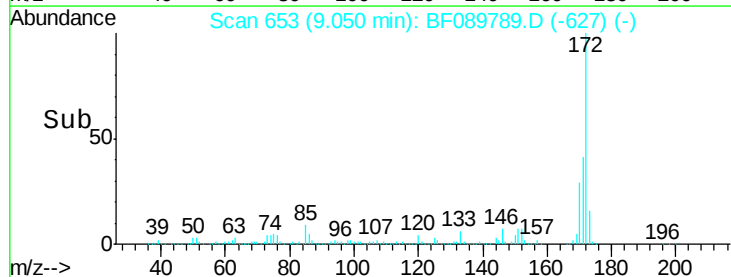


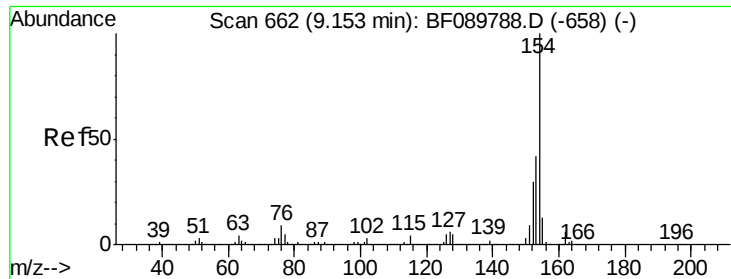
#44
 2-Fluorobiphenyl
 Concen: 75.12 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:172 Resp: 5382817
 Ion Ratio Lower Upper
 172 100
 171 40.7 30.5 45.7
 170 28.7 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

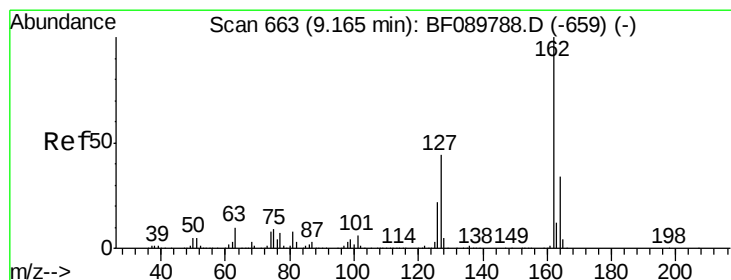
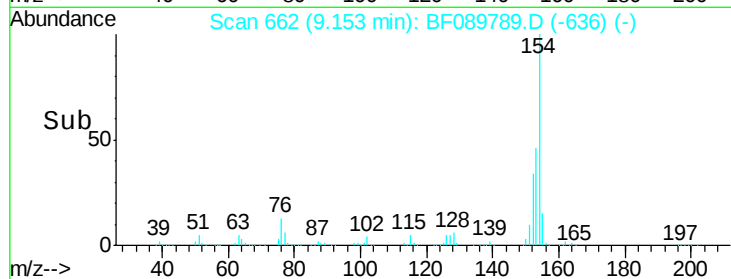
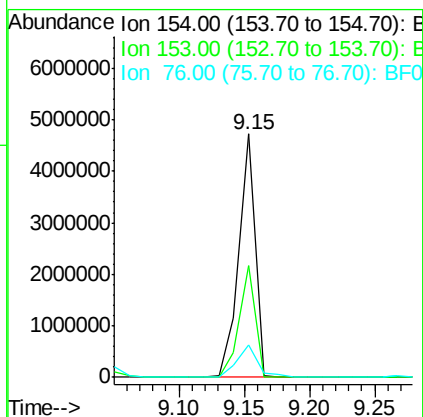
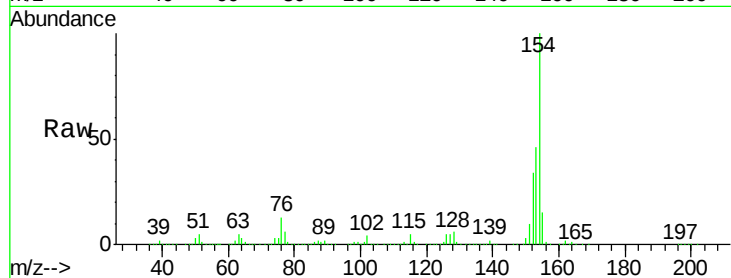




#45
 1,1'-Biphenyl
 Concen: 42.80 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

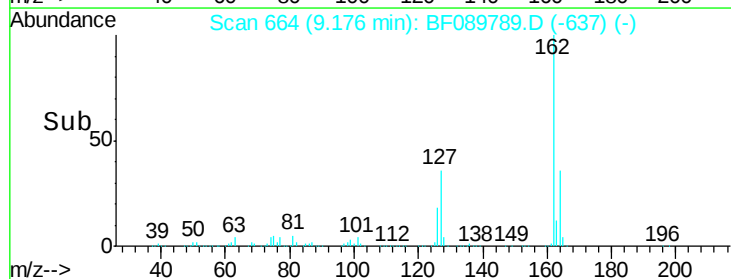
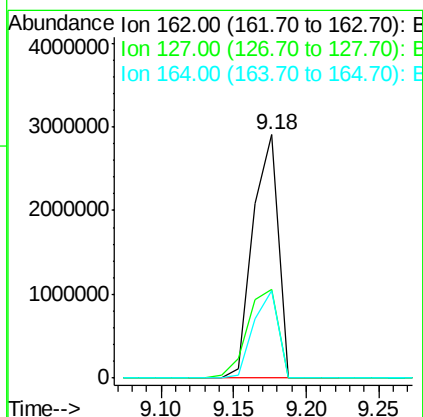
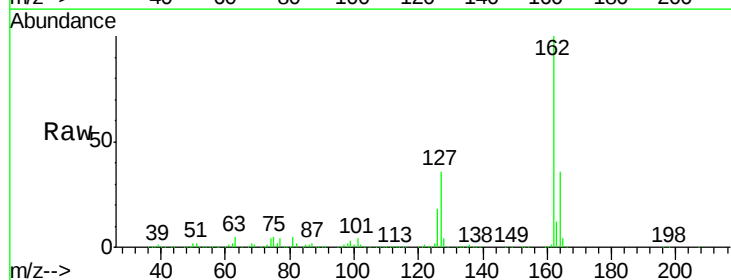
Instrument :
 BNA_F
 ClientSampleId :

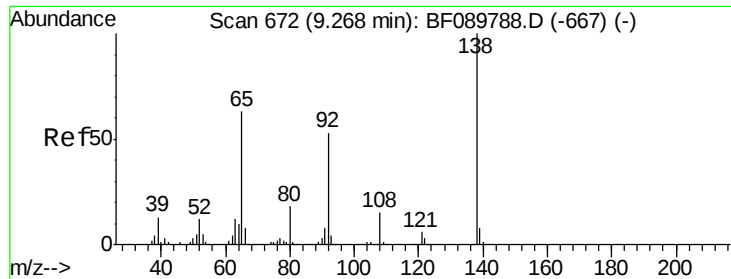
Tot Ion:154 Resp: 4075139
 Ion Ratio Lower Upper
 154 100
 153 45.8 21.5 61.5
 76 13.3 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 49.14 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:162 Resp: 3506075
 Ion Ratio Lower Upper
 162 100
 127 36.3 35.5 53.3
 164 36.1 26.6 40.0

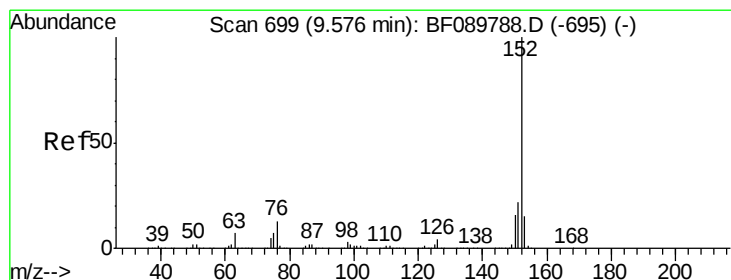
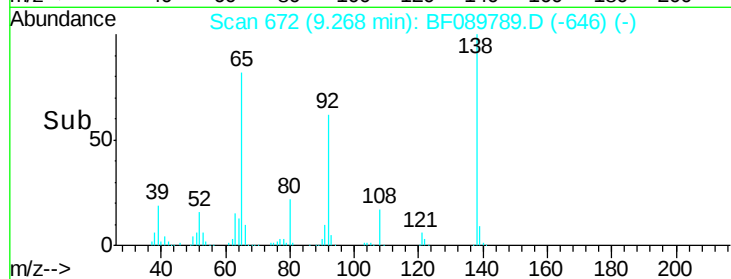
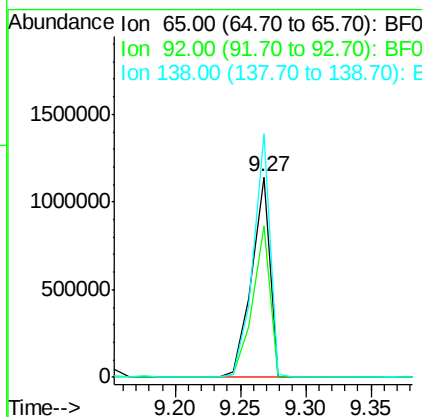
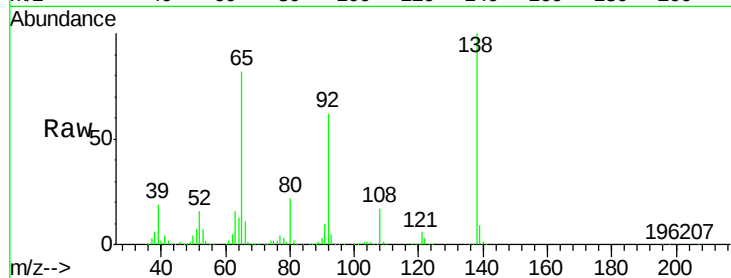




#47
 2-Nitroaniline
 Concen: 51.34 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

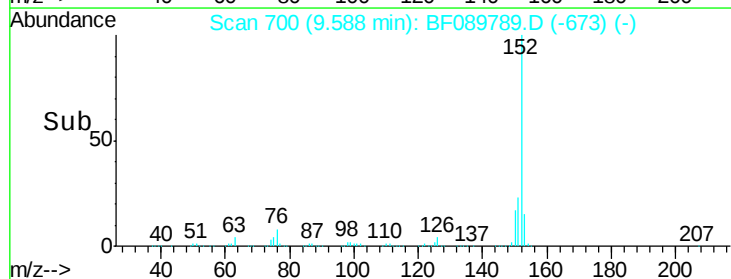
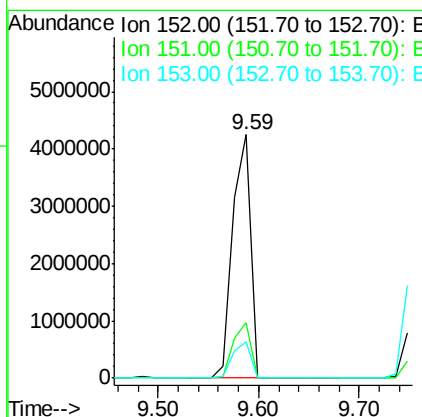
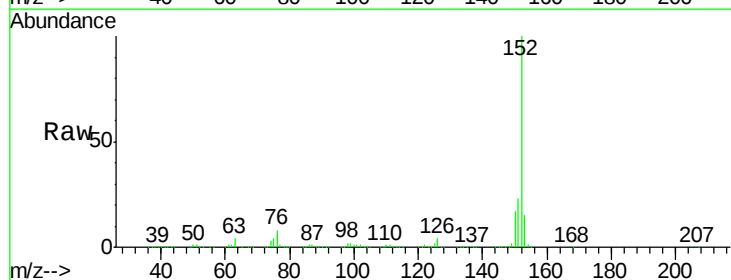
Instrument :
 BNA_F
 ClientSampleId :

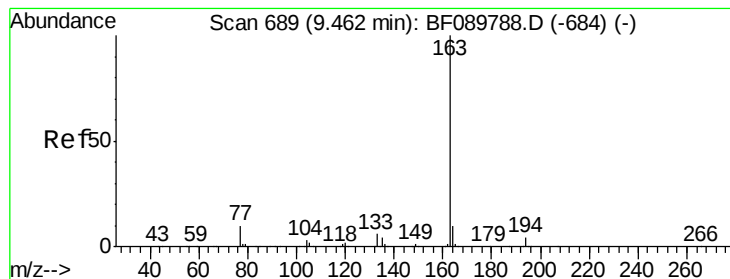
Tot Ion: 65 Resp: 1116236
 Ion Ratio Lower Upper
 65 100
 92 75.6 56.3 84.5
 138 121.6 81.8 122.8



#48
 Acenaphthylene
 Concen: 47.61 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion: 152 Resp: 5230218
 Ion Ratio Lower Upper
 152 100
 151 22.9 17.1 25.7
 153 14.9 11.2 16.8





#49

Dimethylphthalate

Concen: 45.37 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampled :

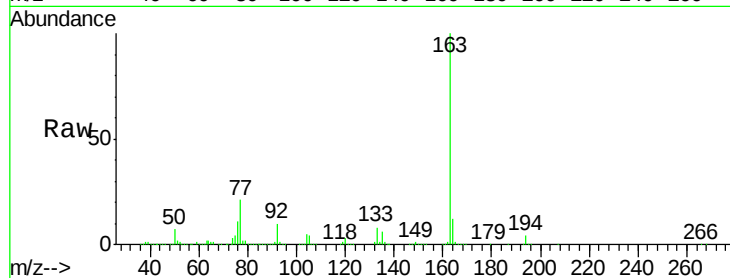
Tot Ion:163 Resp: 3774213

Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

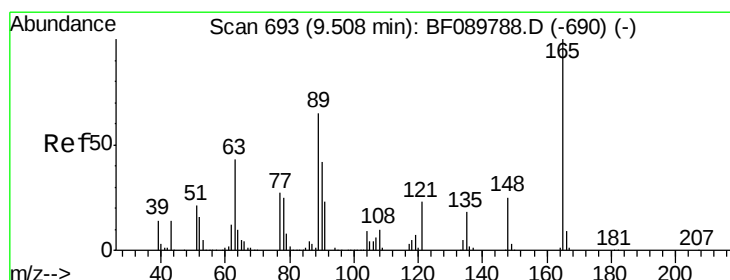
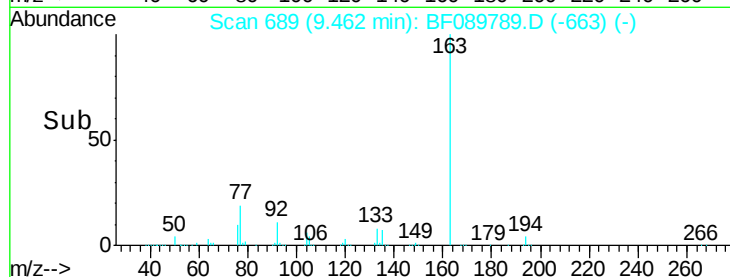
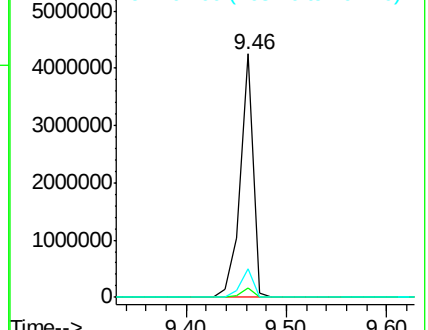
164 11.8 8.6 12.8



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: 51.14 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

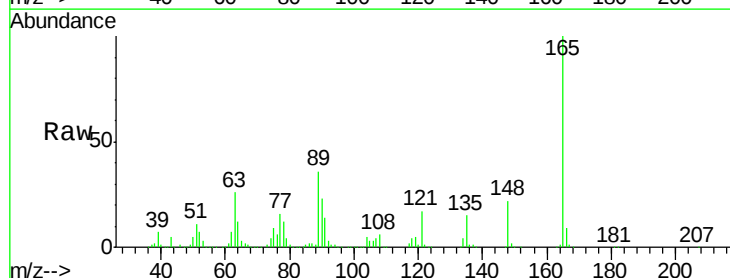
Tgt Ion:165 Resp: 962850

Ion Ratio Lower Upper

165 100

63 26.3 41.7 62.5#

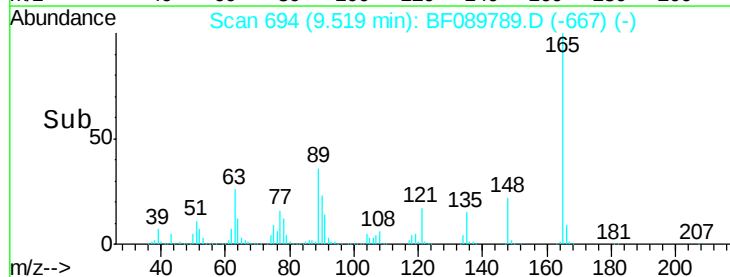
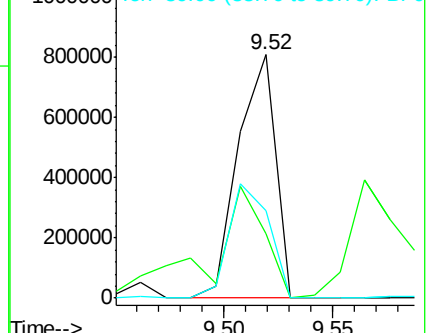
89 35.9 44.6 67.0#

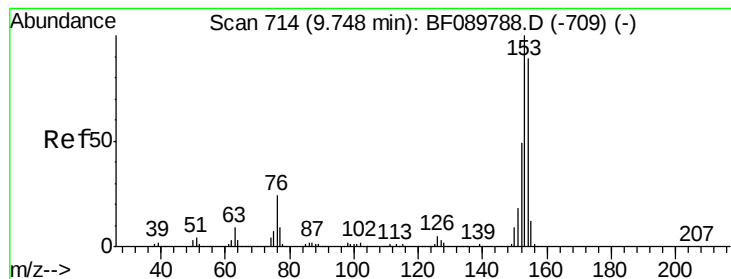


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.15 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

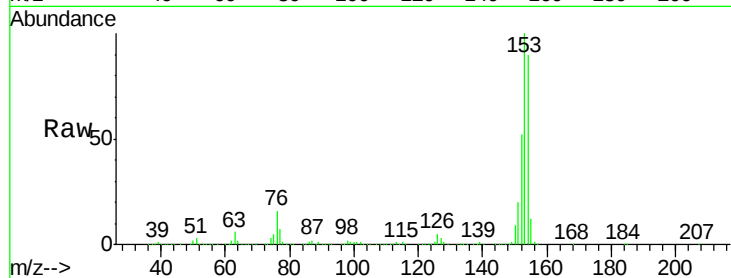
Tot Ion:154 Resp: 3568566

Ion Ratio Lower Upper

154 100

153 110.8 90.5 135.7

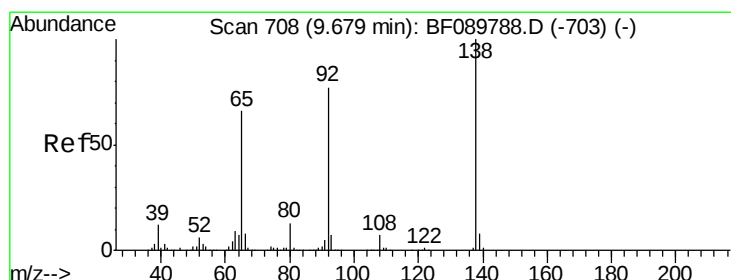
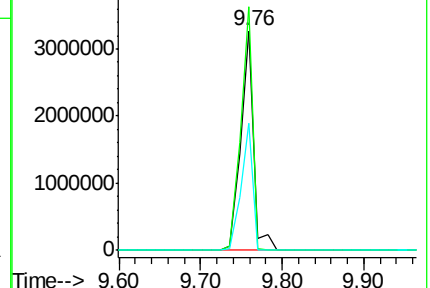
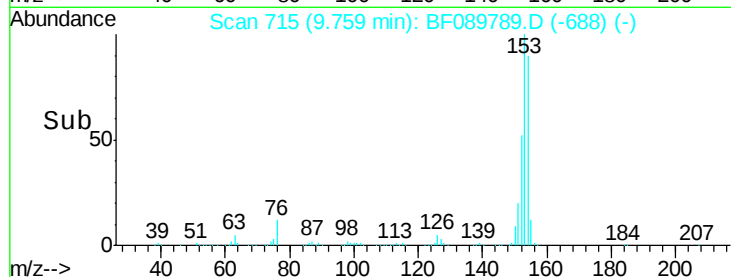
152 57.9 44.6 67.0



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: 46.54 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

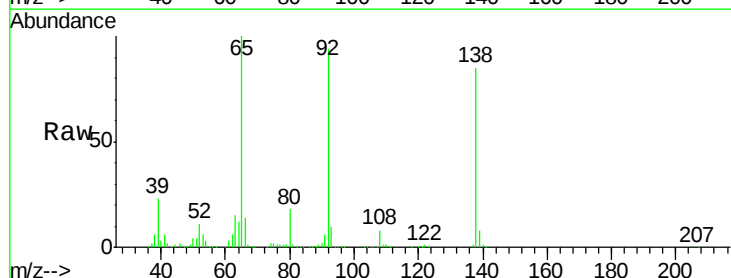
Tgt Ion:138 Resp: 1018801

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

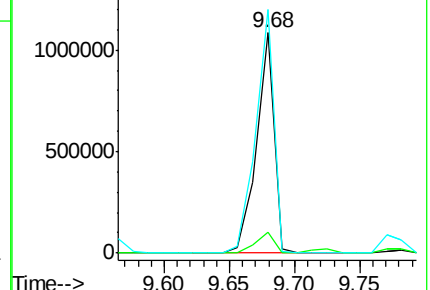
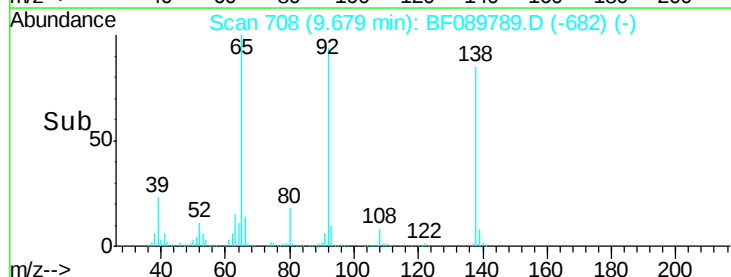
92 110.5 92.7 139.1

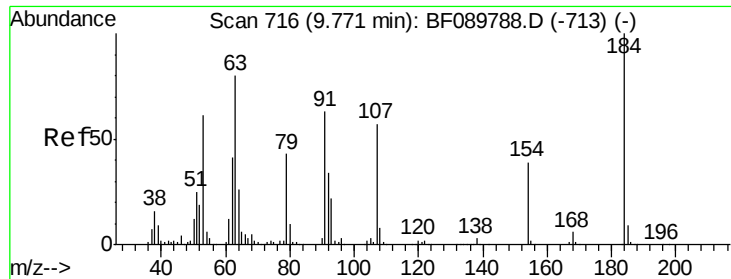


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

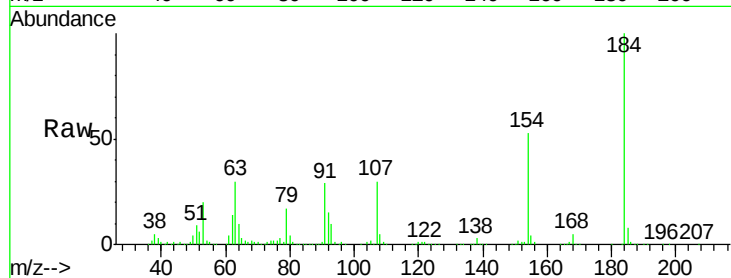




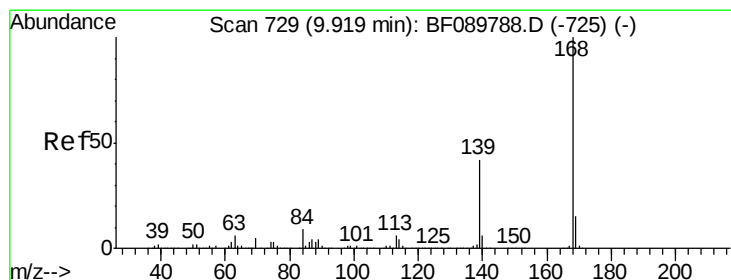
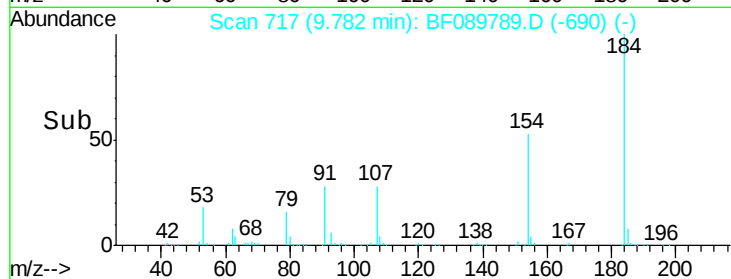
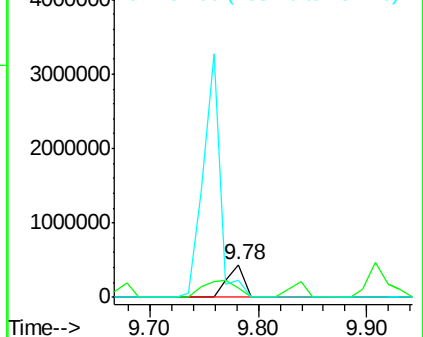
#53
2,4-Dinitrophenol
Concen: 70.26 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 469989
Ion Ratio Lower Upper
184 100
63 29.5 54.2 81.4#
154 53.2 52.7 79.1

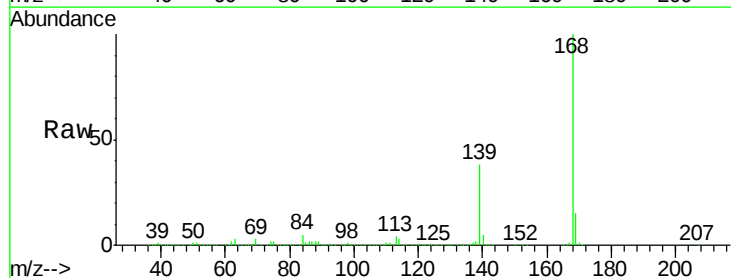


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

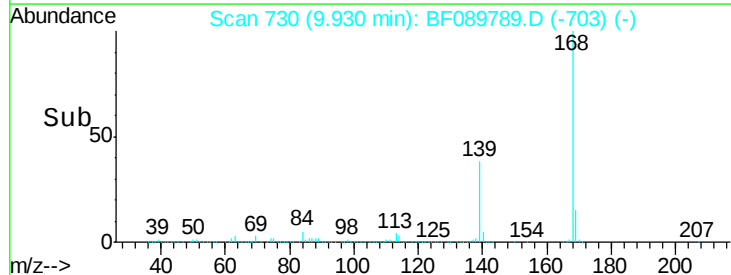
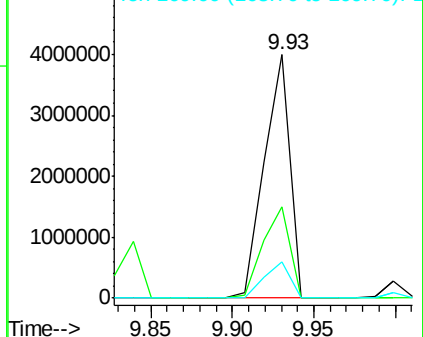


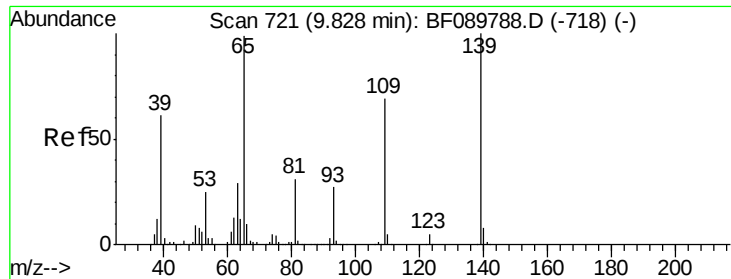
#54
Dibenzofuran
Concen: 47.62 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion:168 Resp: 4344036
Ion Ratio Lower Upper
168 100
139 37.6 34.6 52.0
169 14.8 11.5 17.3



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





#55

4-Nitrophenol

Concen: 55.11 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

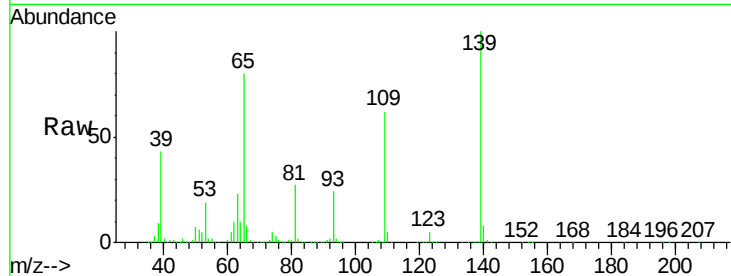
Tot Ion:139 Resp: 928237

Ion Ratio Lower Upper

139 100

109 62.1 43.0 83.0

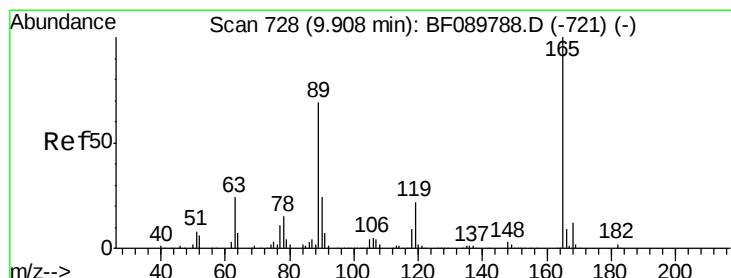
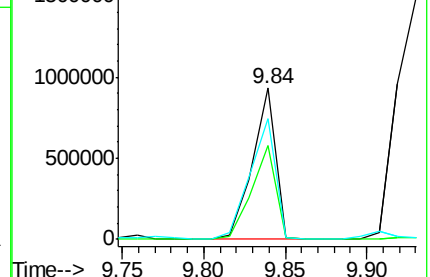
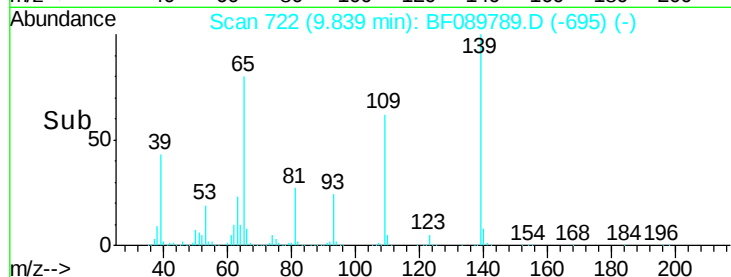
65 79.7 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.42 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Tgt Ion:165 Resp: 1050832

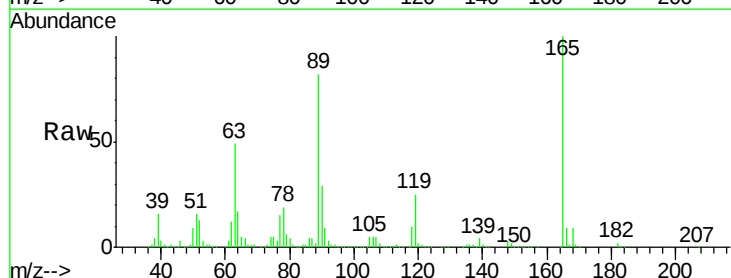
Ion Ratio Lower Upper

165 100

63 48.5 23.7 35.5#

89 82.3 44.0 66.0#

182 2.0 2.0 3.0#

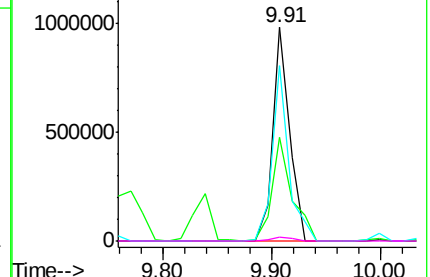
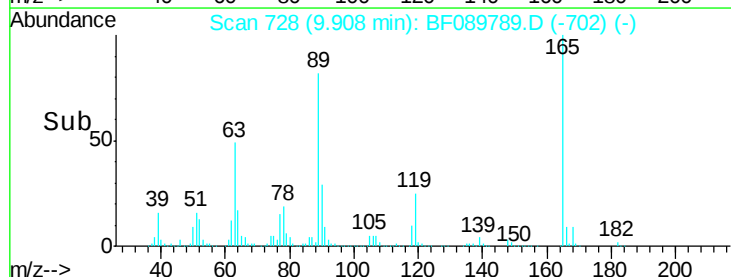


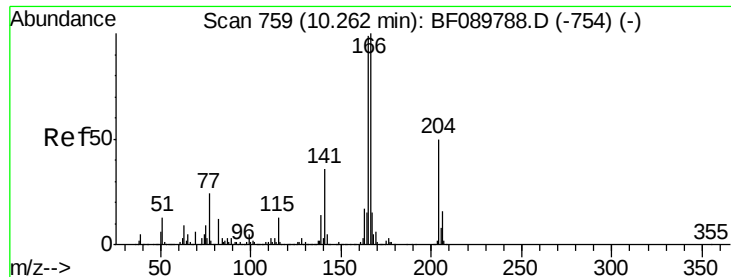
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.92 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :
BNA_F
ClientSampleId :

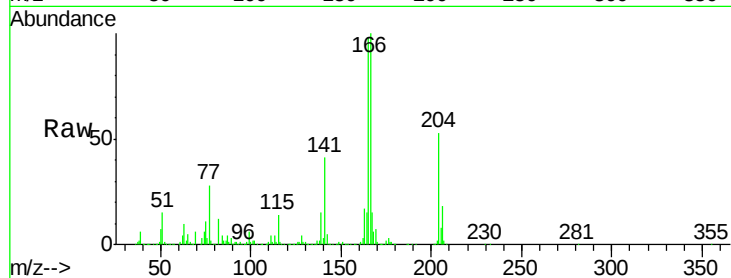
Tot Ion:166 Resp: 3162715

Ion Ratio Lower Upper

166 100

165 97.9 80.2 120.4

167 14.9 11.3 16.9

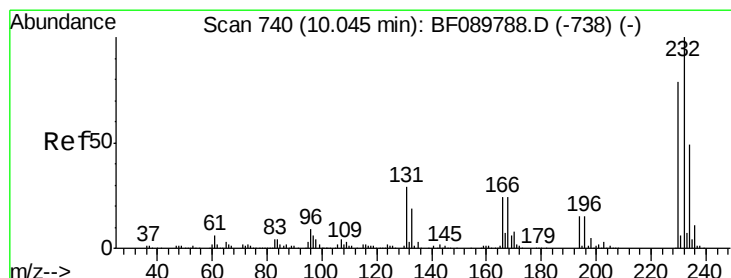
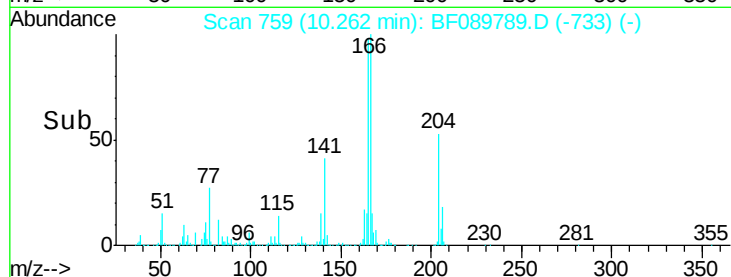
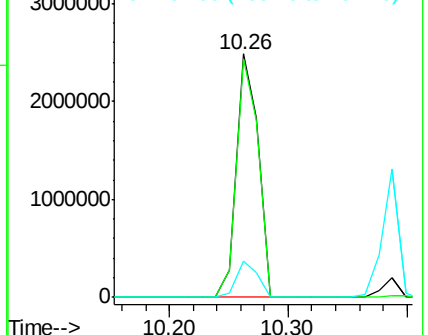


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.09 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Tgt Ion:232 Resp: 872835

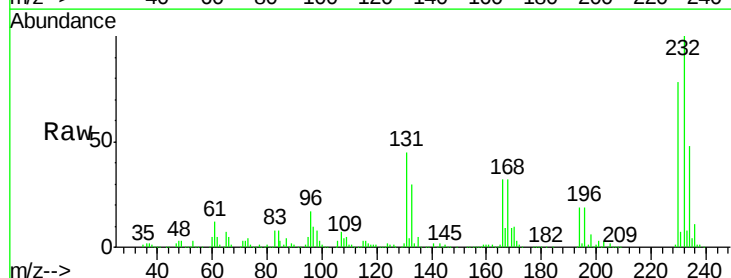
Ion Ratio Lower Upper

232 100

131 52.1 42.5 63.7

130 2.4 2.2 3.4

166 34.9 27.3 40.9



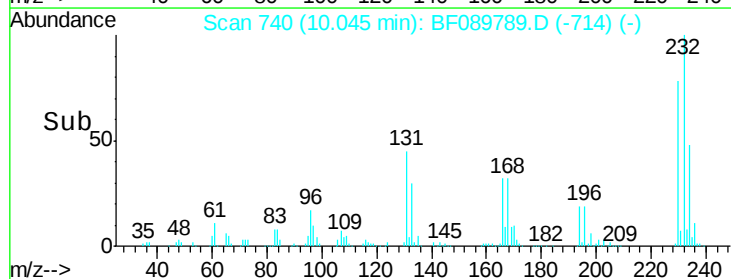
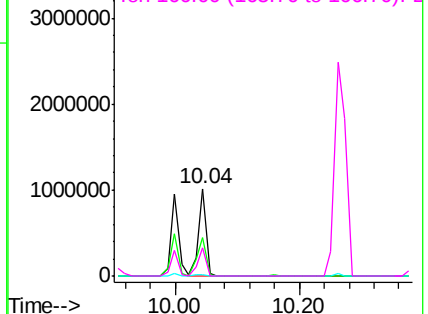
Abundance

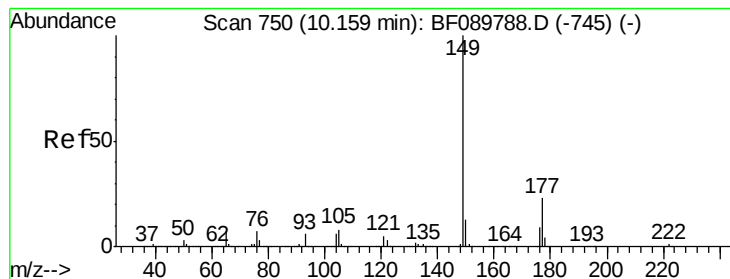
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.92 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampled :

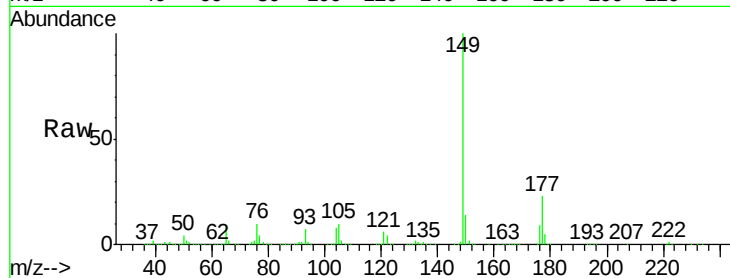
Tot Ion:149 Resp: 3789220

Ion Ratio Lower Upper

149 100

177 23.4 16.6 25.0

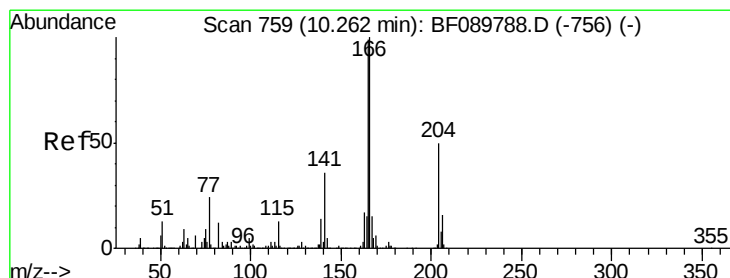
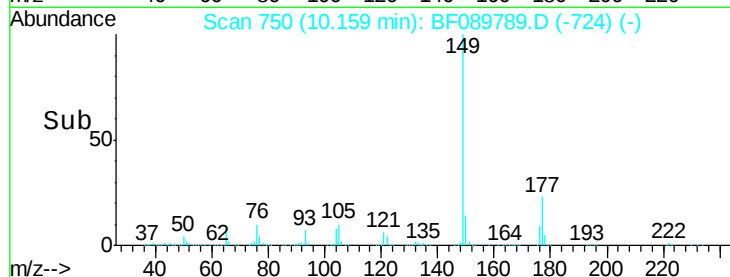
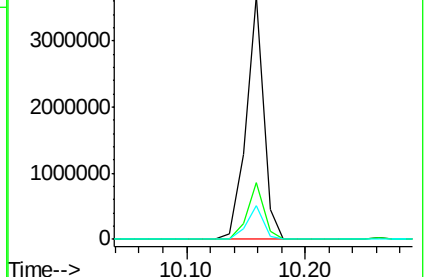
150 14.1 10.5 15.7



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: 37.60 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

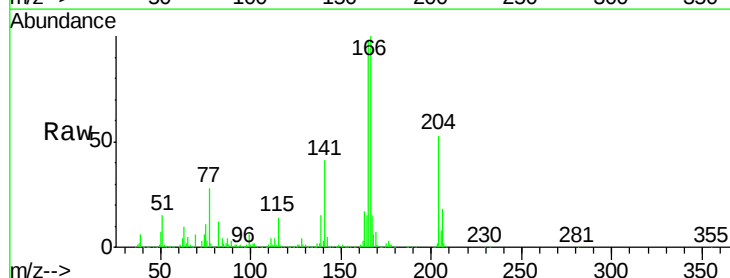
Tgt Ion:204 Resp: 1360622

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

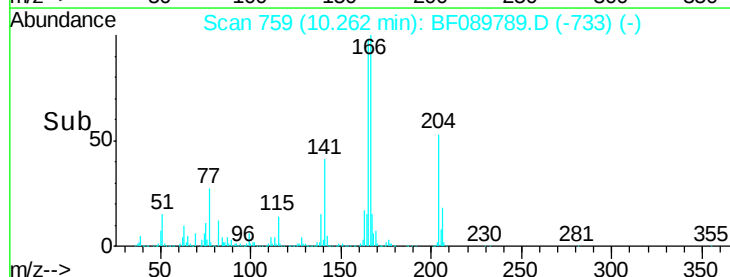
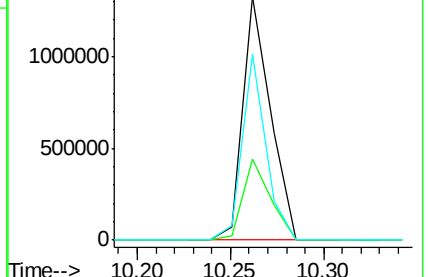
141 76.3 54.1 81.1

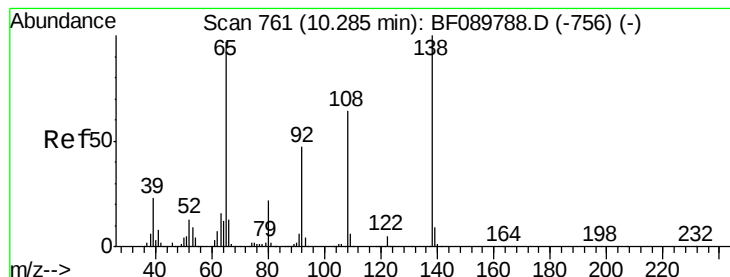


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

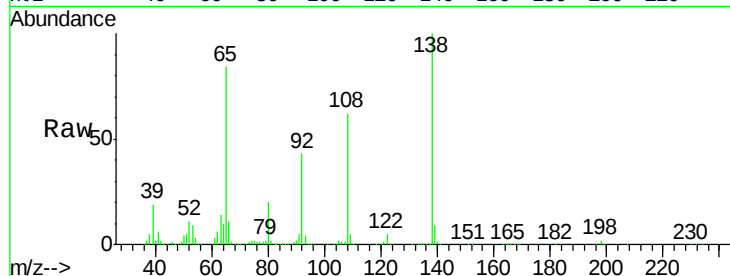




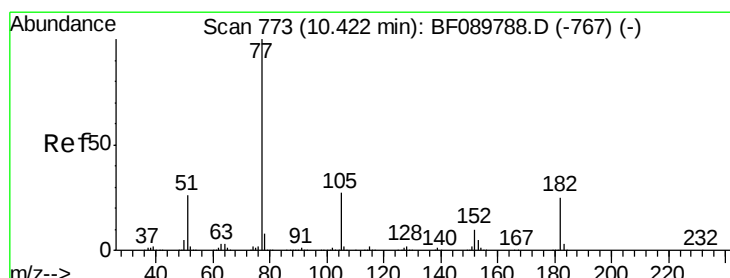
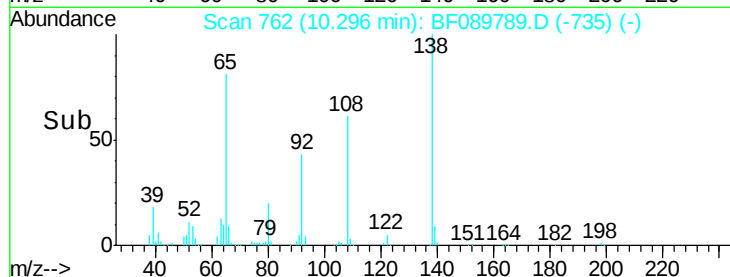
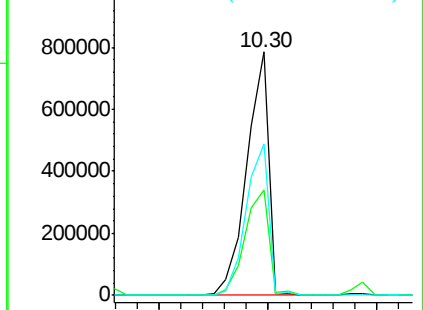
#61
4-Nitroaniline
Concen: 51.56 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1095942
Ion Ratio Lower Upper
138 100
92 43.0 26.4 66.4
108 62.4 47.0 87.0

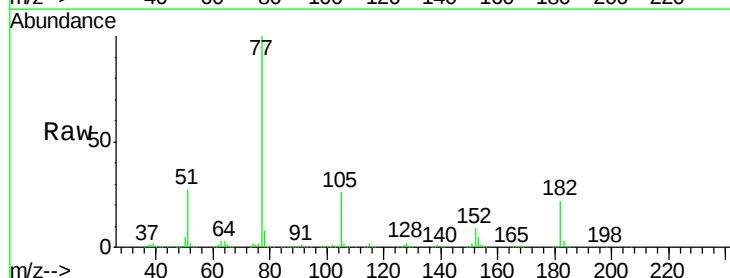


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

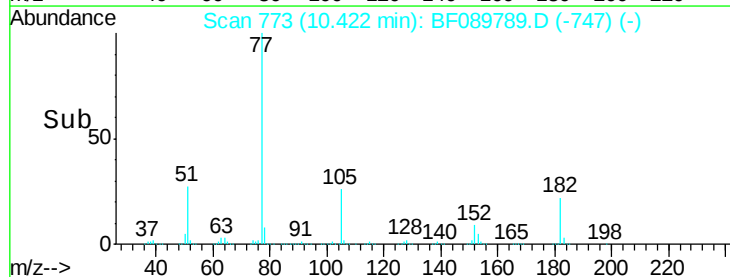
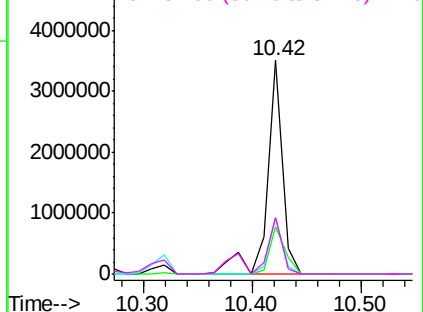


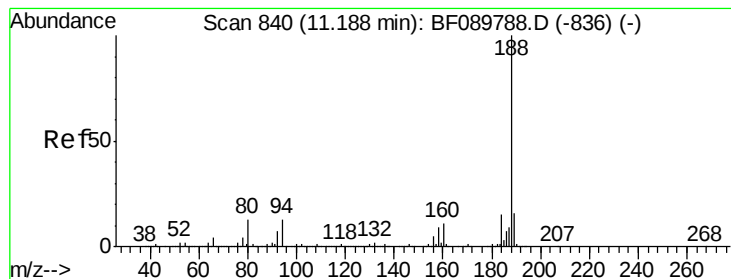
#62
Azobenzene
Concen: 43.99 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion: 77 Resp: 3506002
Ion Ratio Lower Upper
77 100
182 22.4 5.6 45.6
105 26.4 4.0 44.0
51 26.6 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: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

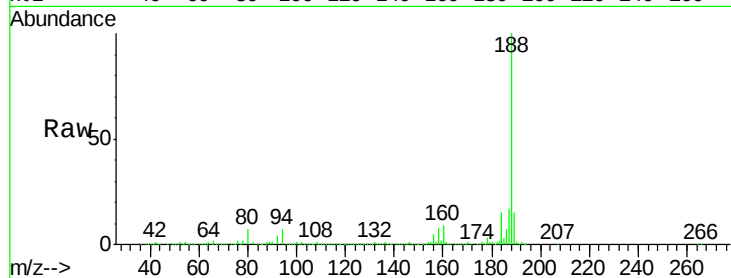
Tot Ion:188 Resp: 2046081

Ion Ratio Lower Upper

188 100

94 7.2 10.2 15.2#

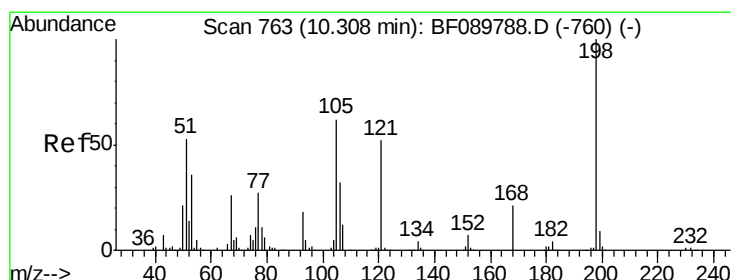
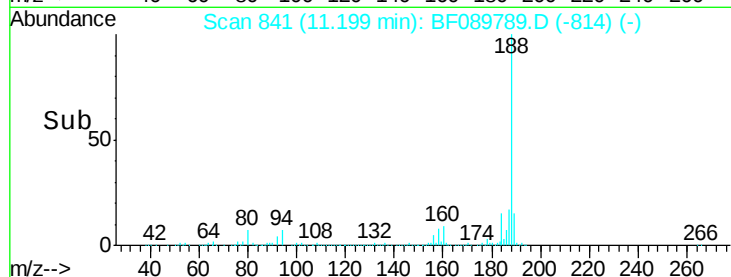
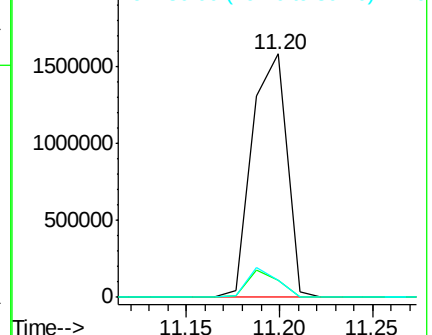
80 7.2 10.9 16.3#



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: 55.52 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

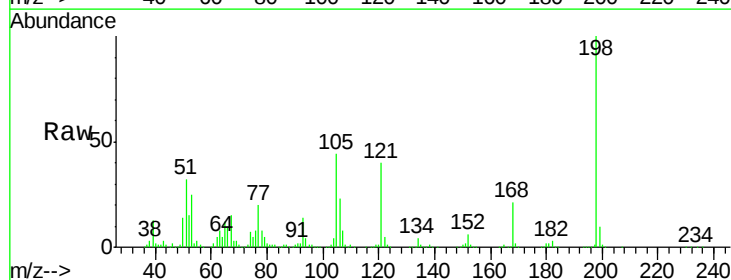
Tgt Ion:198 Resp: 659641

Ion Ratio Lower Upper

198 100

51 32.0 32.3 72.3#

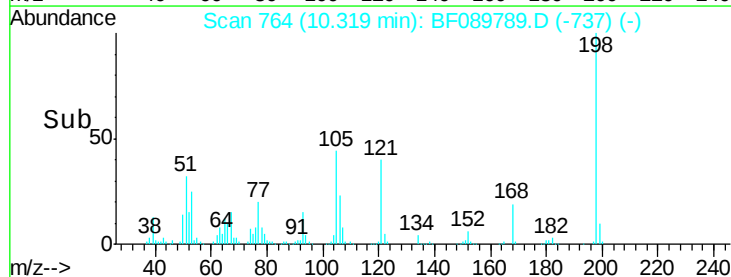
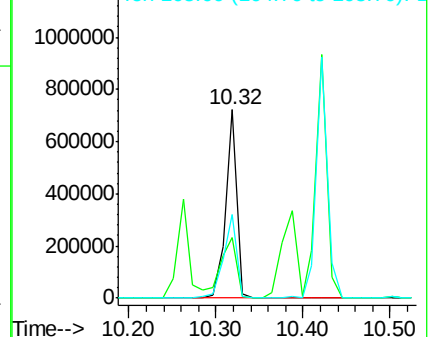
105 44.1 32.9 72.9

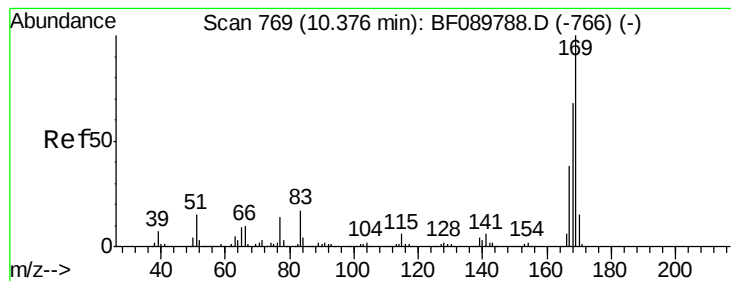


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.19 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

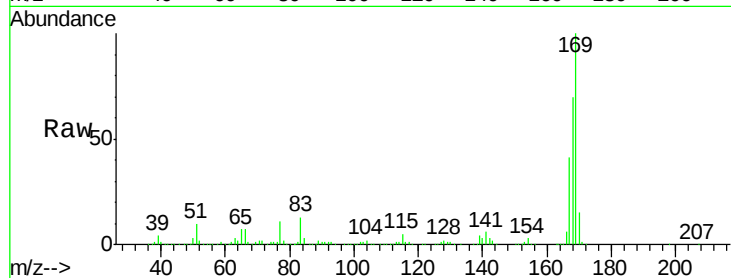
Tot Ion:169 Resp: 3094317

Ion Ratio Lower Upper

169 100

168 70.2 54.6 82.0

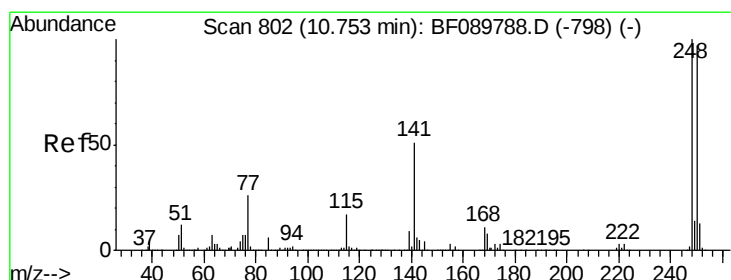
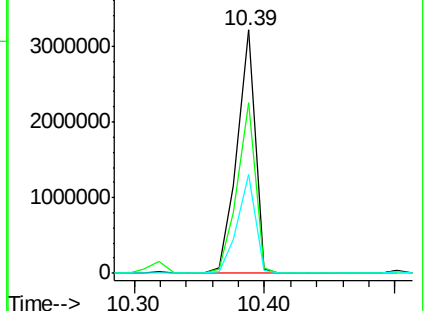
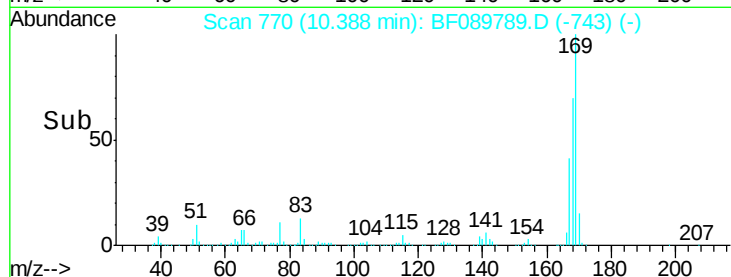
167 40.7 30.6 45.8



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: 47.48 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

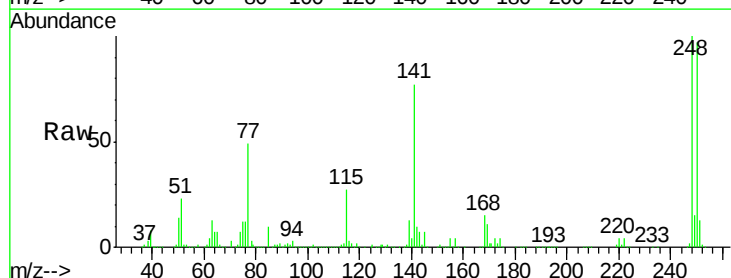
Tgt Ion:248 Resp: 1006086

Ion Ratio Lower Upper

248 100

250 96.5 78.6 117.8

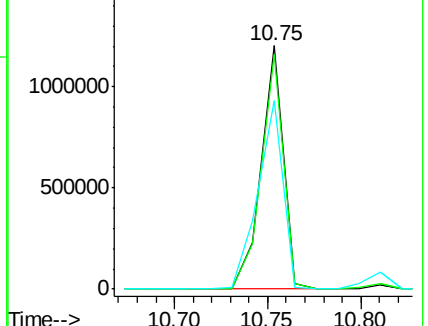
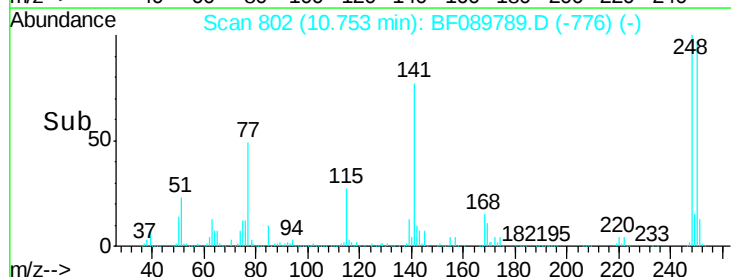
141 77.3 31.4 47.2#

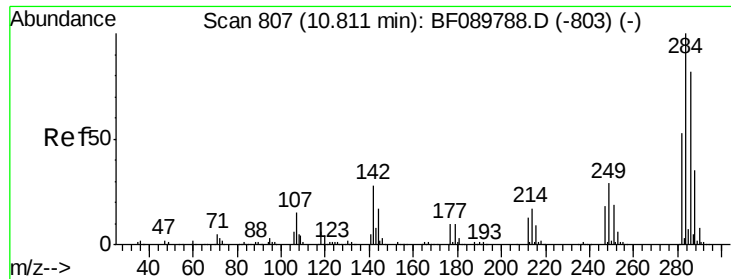


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

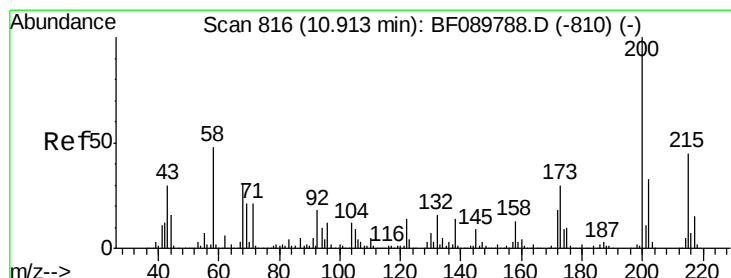
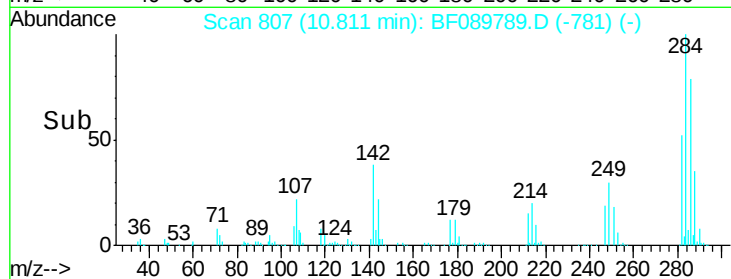
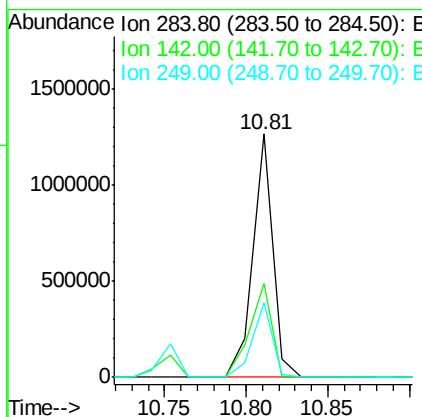
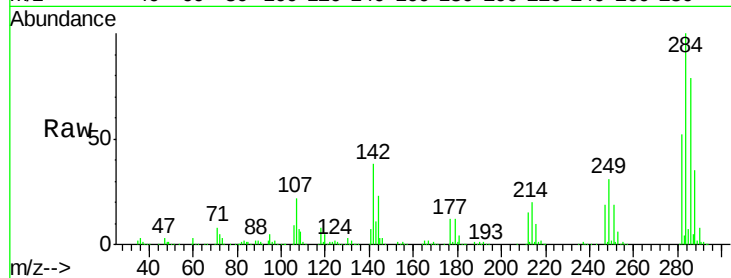




#67
Hexachlorobenzene
Concen: 45.62 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

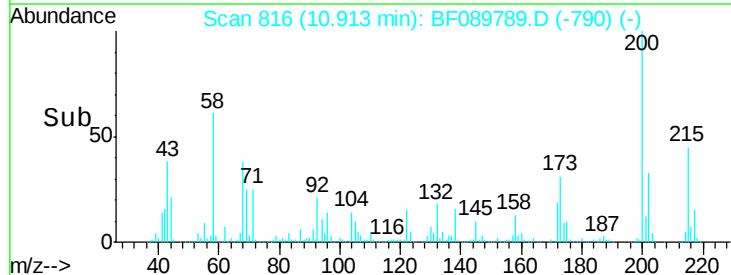
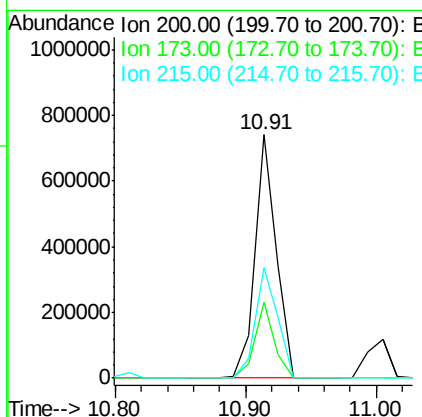
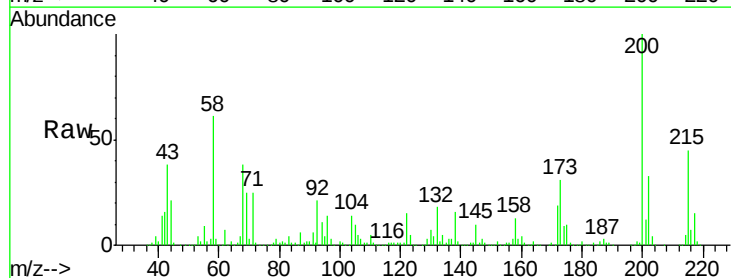
Instrument :
BNA_F
ClientSampleId :

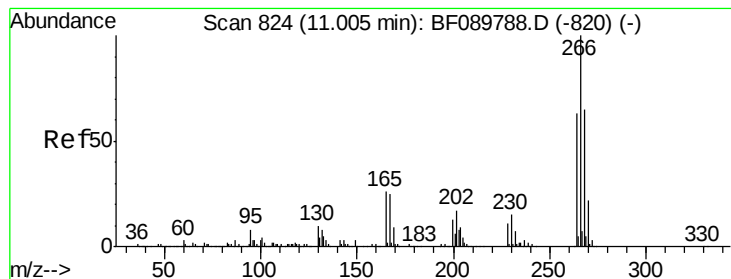
Tot Ion:284 Resp: 1074532
Ion Ratio Lower Upper
284 100
142 38.3 17.4 26.2#
249 30.7 22.8 34.2



#68
Atrazine
Concen: 43.06 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion:200 Resp: 837616
Ion Ratio Lower Upper
200 100
173 31.0 6.6 46.6
215 45.3 24.7 64.7





#69

Pentachlorophenol

Concen: 51.91 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

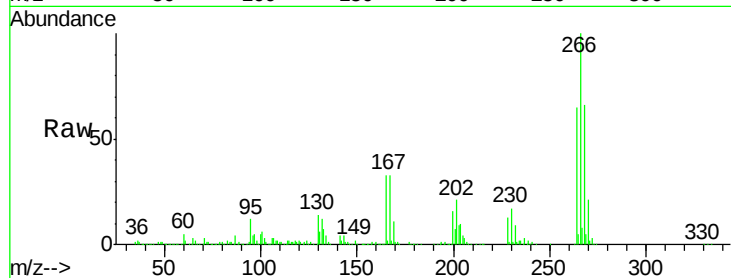
Tot Ion:266 Resp: 761690

Ion Ratio Lower Upper

266 100

268 65.9 53.2 79.8

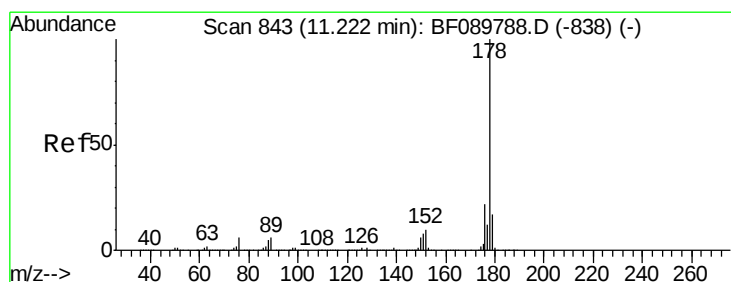
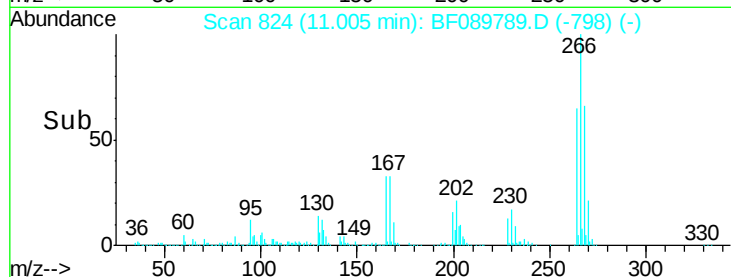
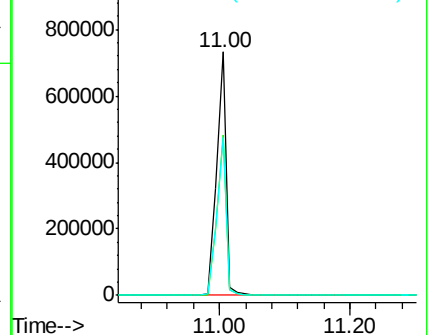
264 64.7 51.1 76.7



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: 46.53 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

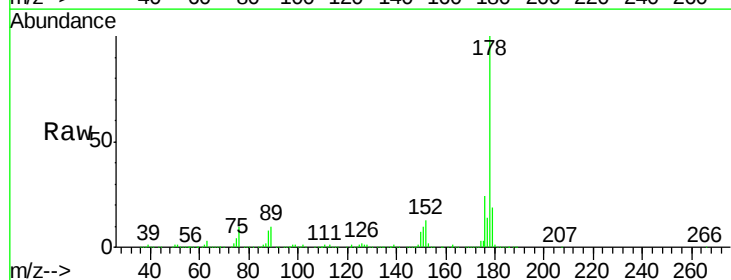
Tgt Ion:178 Resp: 4679906

Ion Ratio Lower Upper

178 100

176 24.1 16.4 24.6

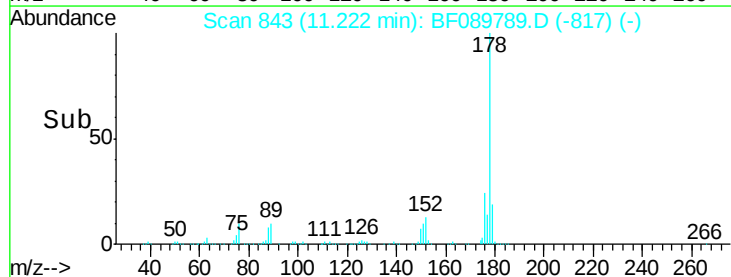
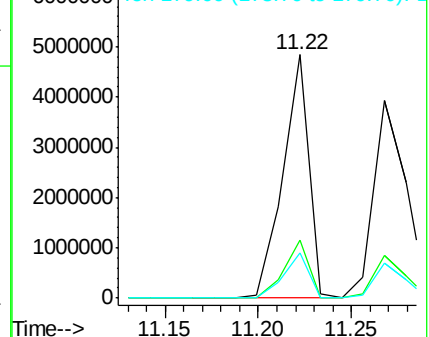
179 18.6 12.5 18.7

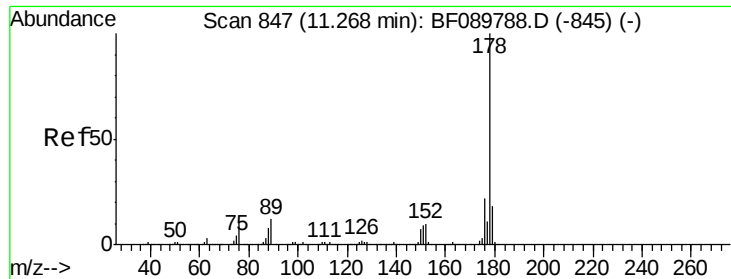


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

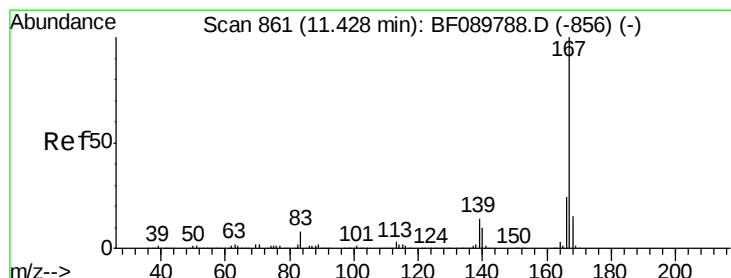
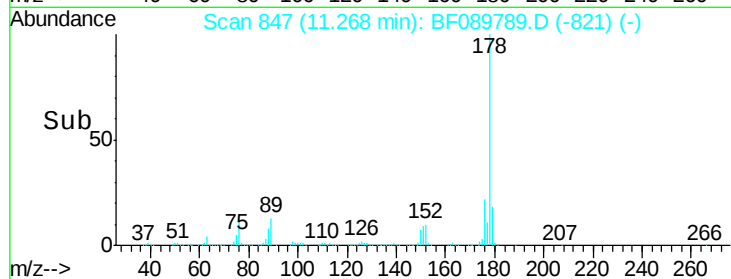
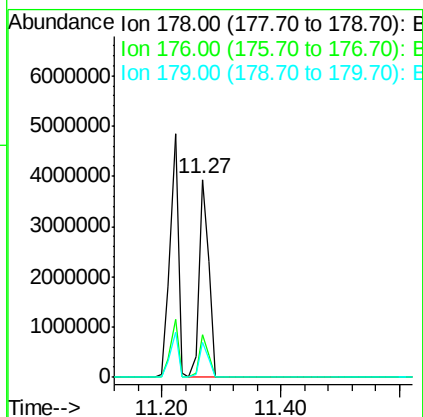
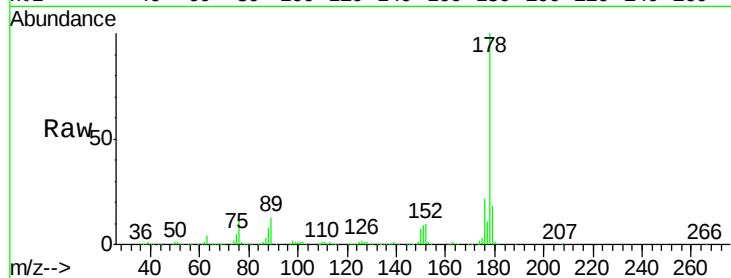




#71
 Anthracene
 Concen: 43.84 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

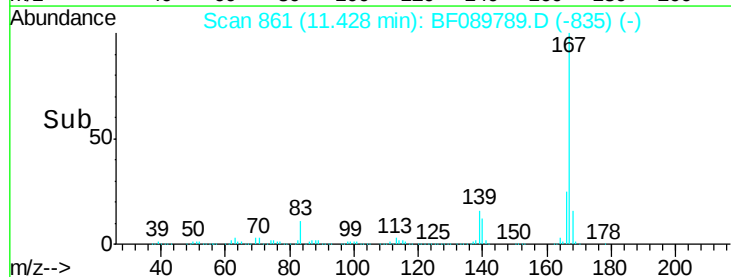
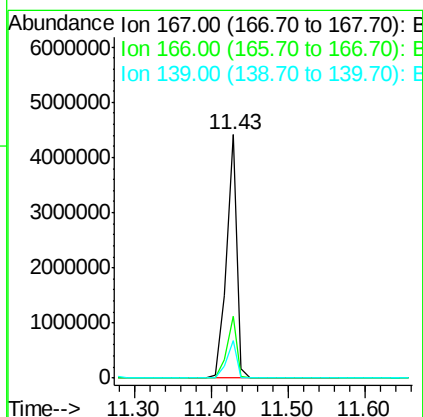
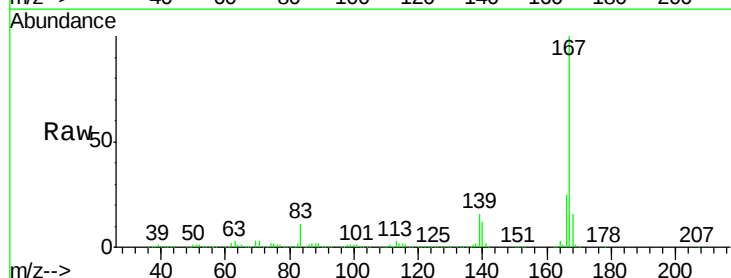
Instrument :
 BNA_F
 ClientSampleId :

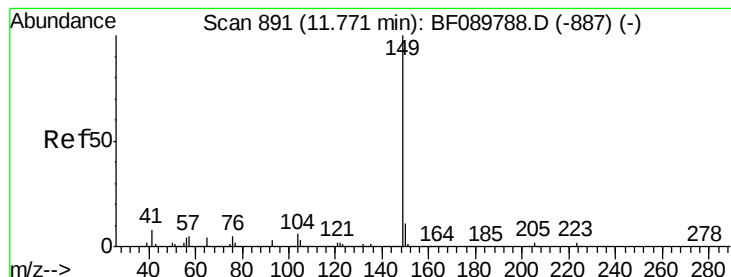
Tot Ion:178 Resp: 4606556
 Ion Ratio Lower Upper
 178 100
 176 21.7 16.4 24.6
 179 17.8 13.1 19.7



#72
 Carbazole
 Concen: 42.38 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:167 Resp: 4219461
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.9 26.9
 139 15.6 12.4 18.6





#73

Di-n-butylphthalate

Concen: 47.04 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

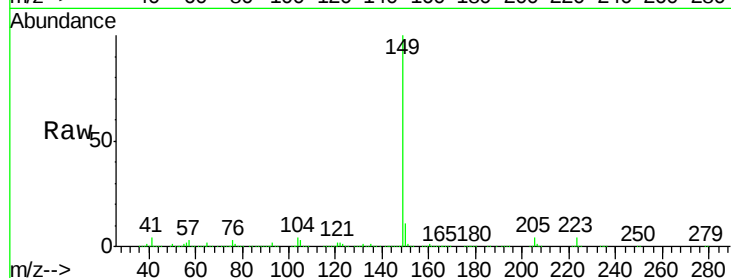
Tot Ion:149 Resp: 5695705

Ion Ratio Lower Upper

149 100

150 10.8 7.9 11.9

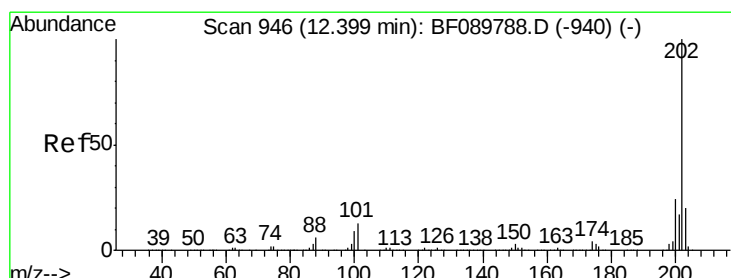
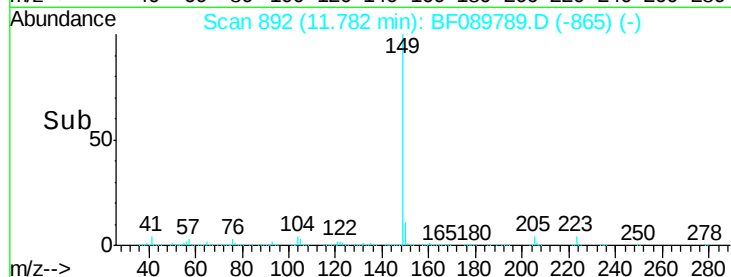
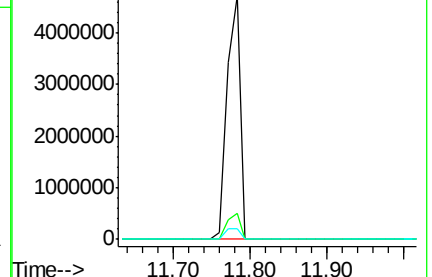
104 4.4 4.3 6.5



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: 40.56 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

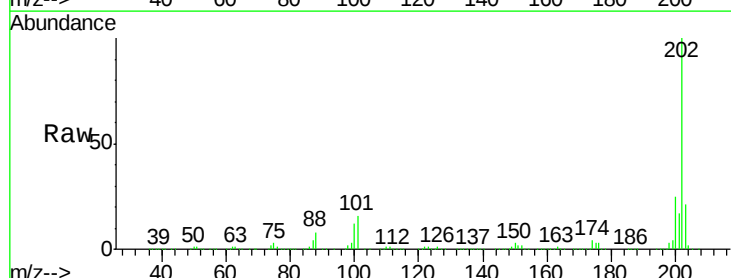
Tgt Ion:202 Resp: 4098884

Ion Ratio Lower Upper

202 100

101 16.3 0.0 31.2

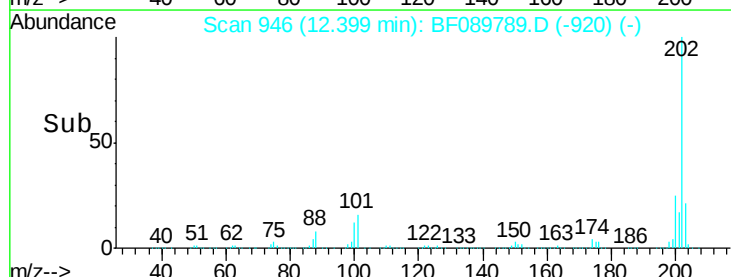
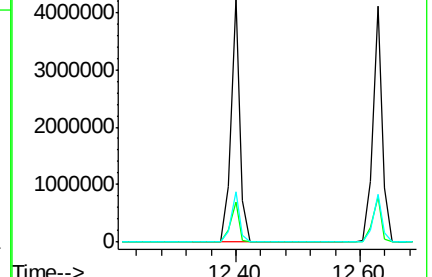
203 20.6 0.0 38.1

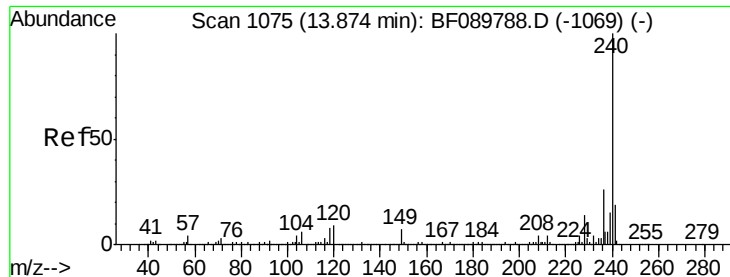


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

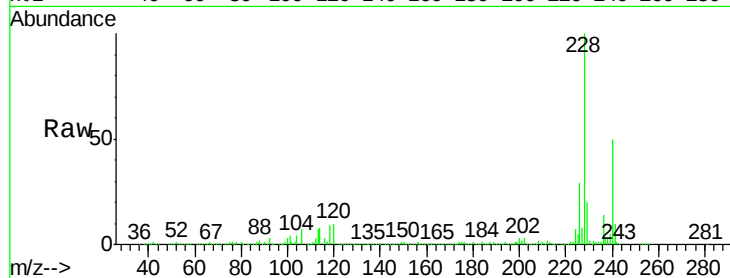
Tot Ion:240 Resp: 1198769

Ion Ratio Lower Upper

240 100

120 19.7 8.3 12.5#

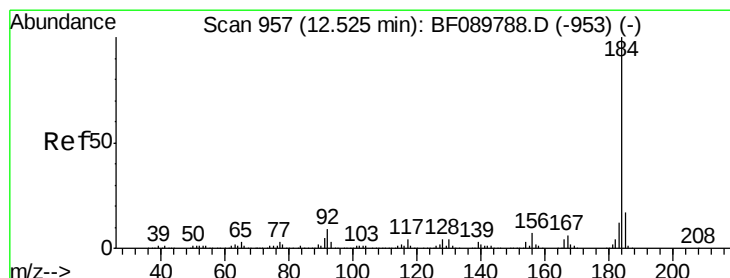
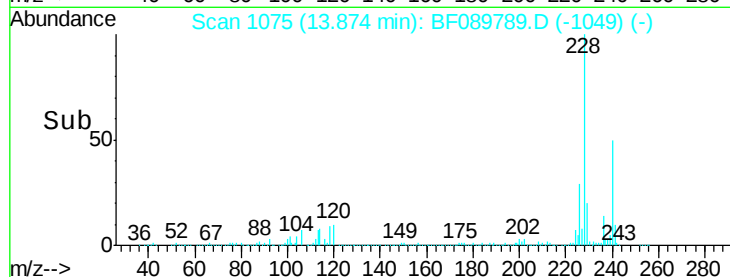
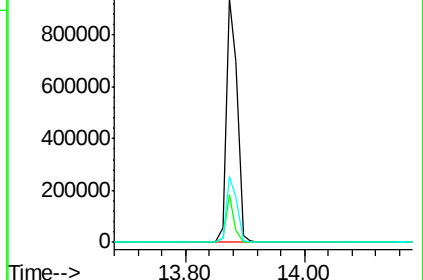
236 27.0 21.3 31.9



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: 46.92 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

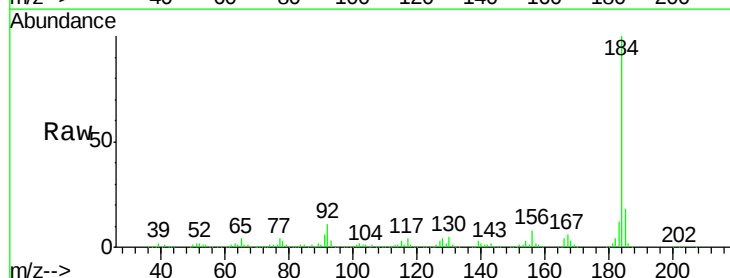
Tgt Ion:184 Resp: 2018783

Ion Ratio Lower Upper

184 100

185 18.4 13.8 20.8

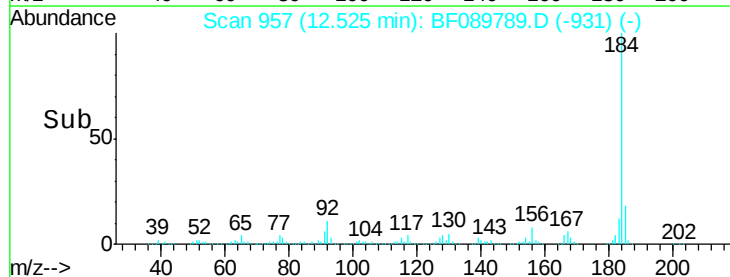
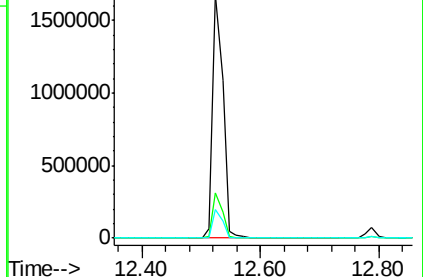
183 11.6 9.7 14.5

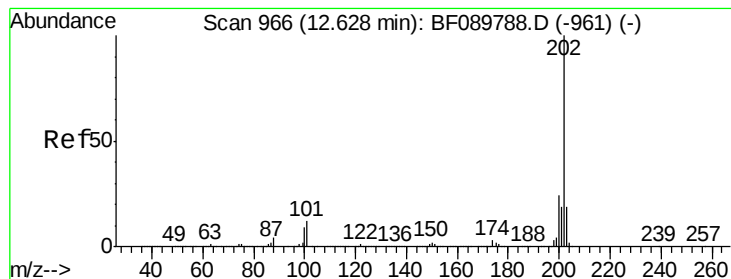


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.71 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

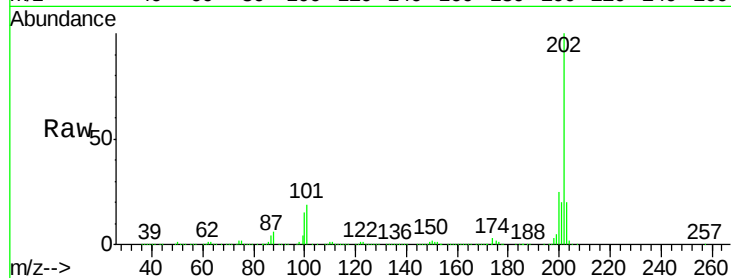
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 4213539

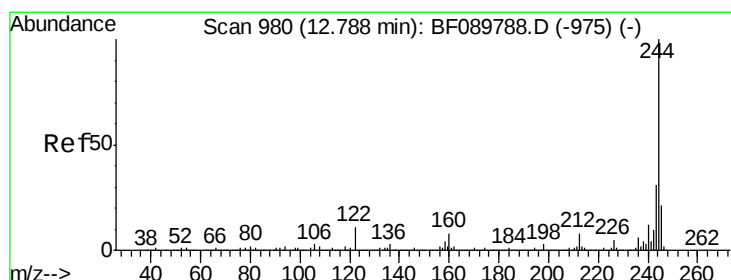
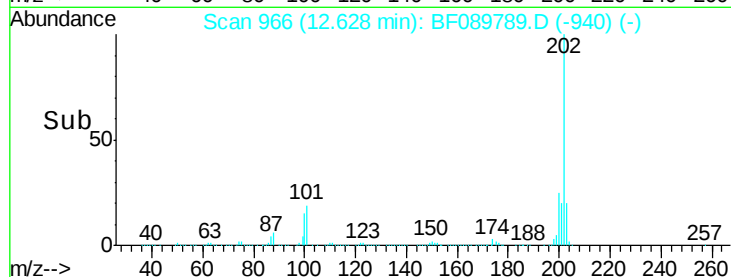
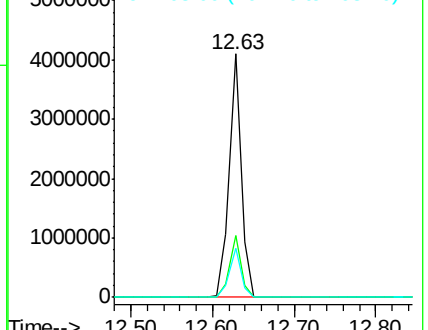
Ion	Ratio	Lower	Upper
202	100		
200	25.2	17.8	26.6
203	20.4	14.2	21.4



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: 107.73 ng

RT: 12.79 min Scan# 980

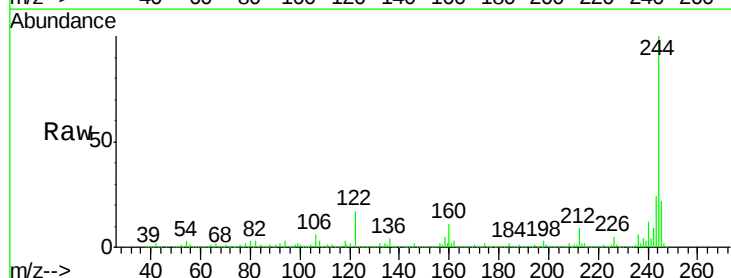
Delta R.T. -0.00 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Tgt Ion:244 Resp: 4322886

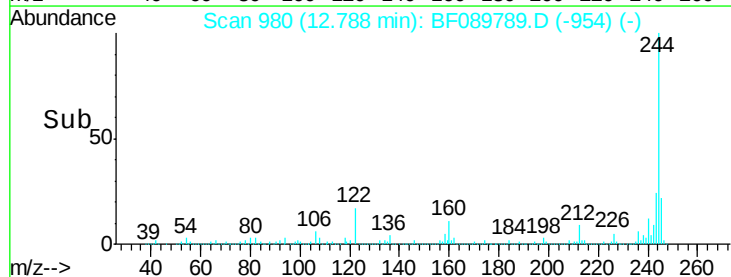
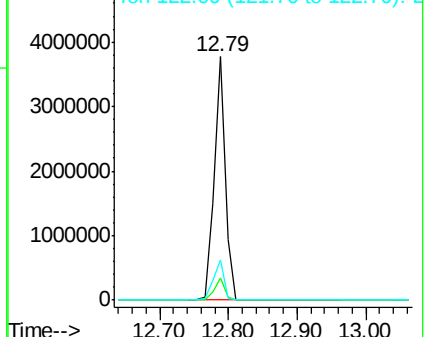
Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.3	9.5
122	16.5	12.0	18.0

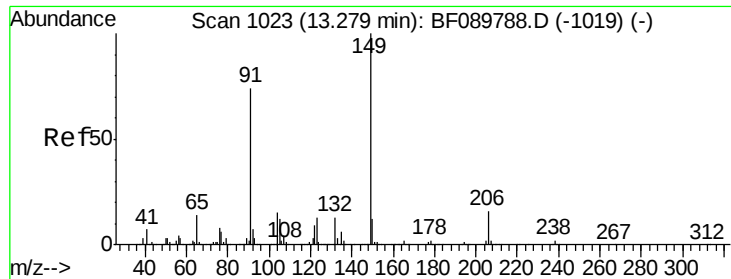


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

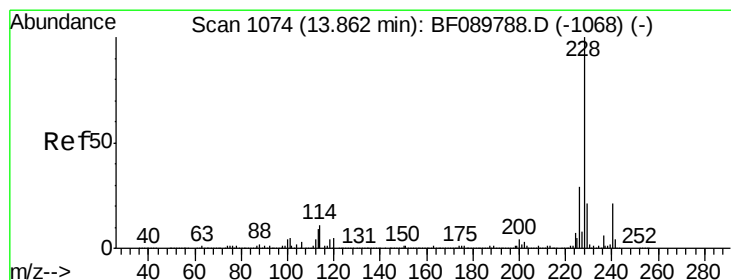
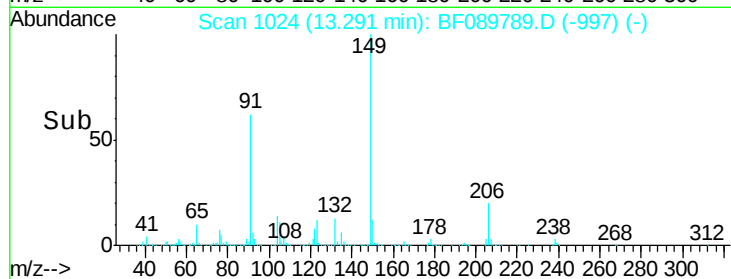
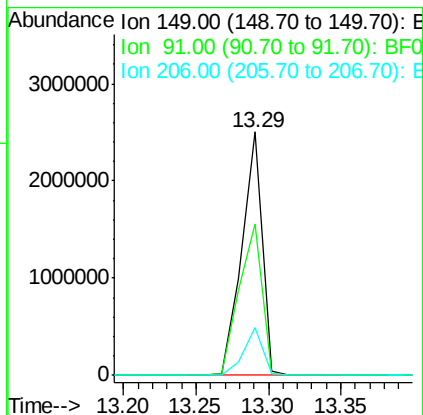
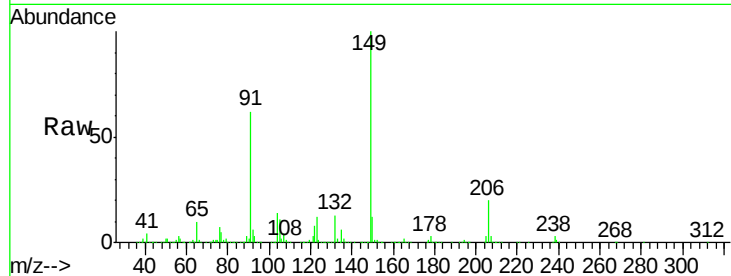




#79
Butylbenzylphthalate
Concen: 62.20 ng
RT: 13.29 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

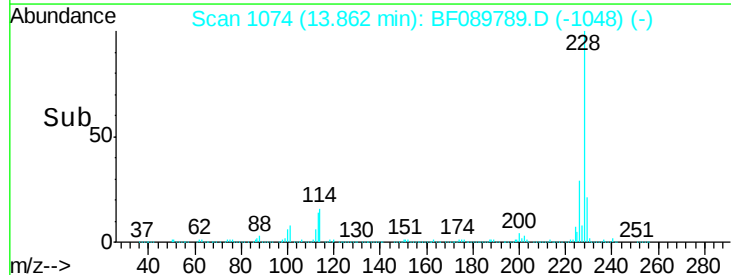
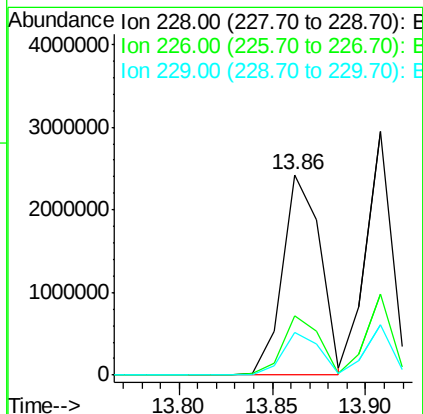
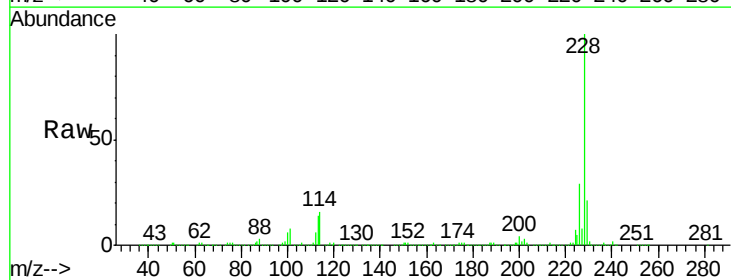
Instrument :
BNA_F
ClientSampleId :

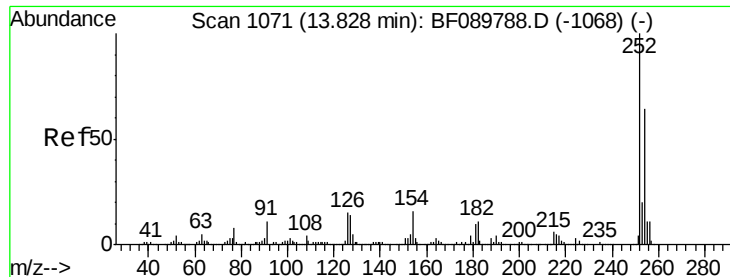
Tot Ion:149 Resp: 2448066
Ion Ratio Lower Upper
149 100
91 62.2 50.7 76.1
206 19.7 15.5 23.3



#80
Benzo(a)anthracene
Concen: 48.54 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion:228 Resp: 3380512
Ion Ratio Lower Upper
228 100
226 29.3 23.2 34.8
229 21.4 16.2 24.4

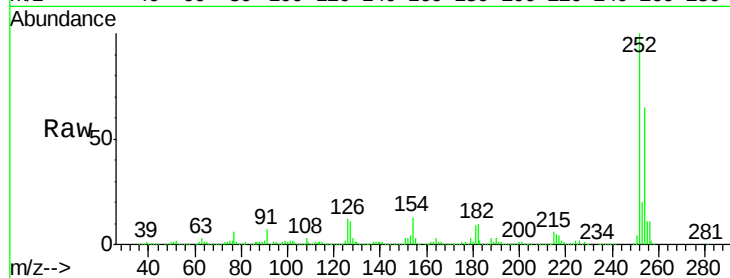




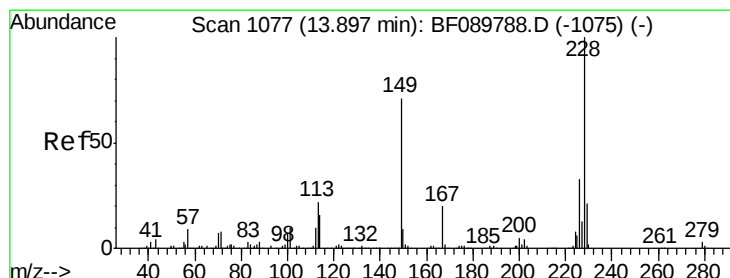
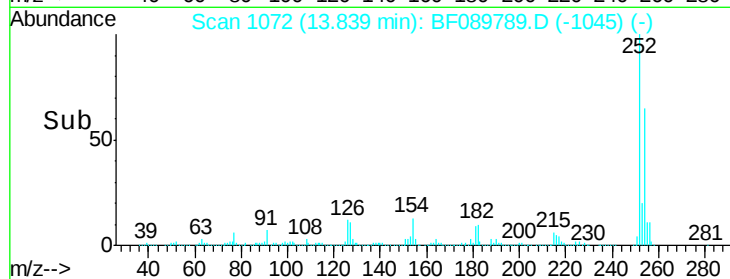
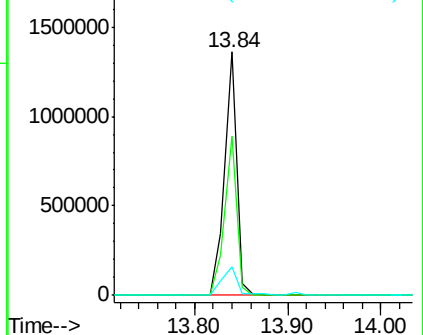
#81
 3,3'-Dichlorobenzidine
 Concen: 48.67 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 1235224
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.6 75.8
 126 11.7 12.6 18.8#

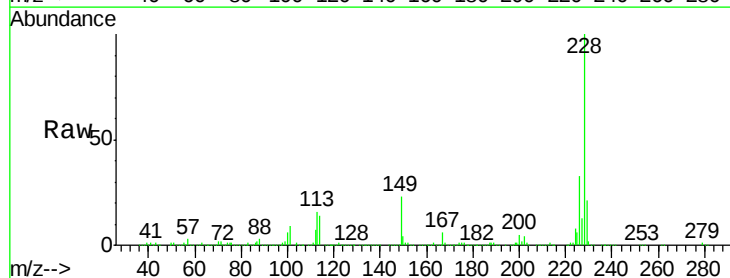


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

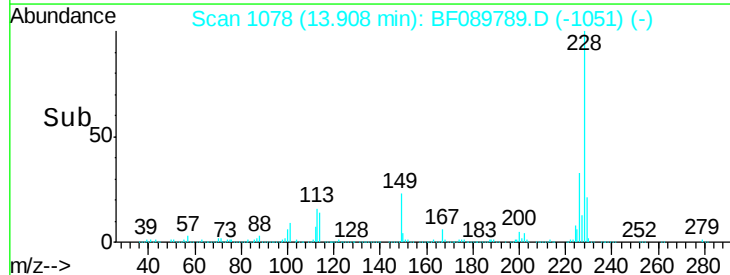
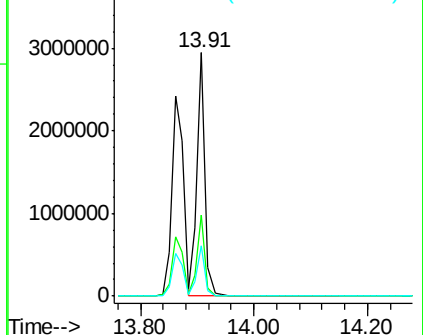


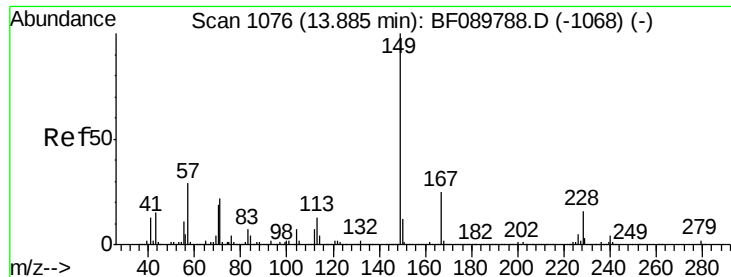
#82
 Chrysene
 Concen: 46.16 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:228 Resp: 2893568
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.4 38.0
 229 20.8 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: 56.67 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampleId :

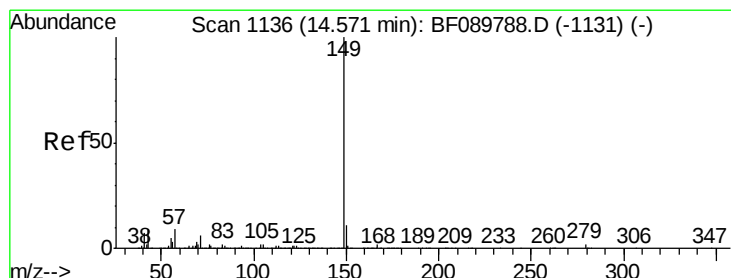
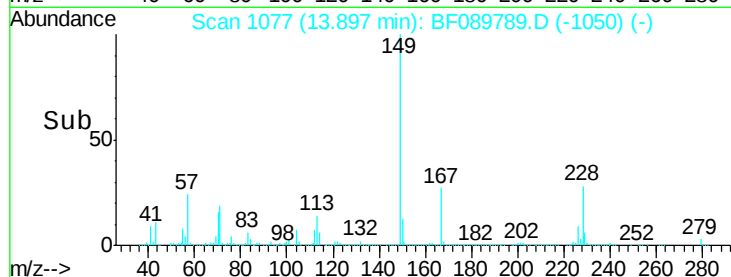
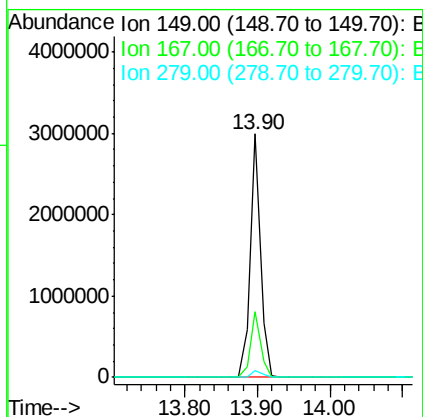
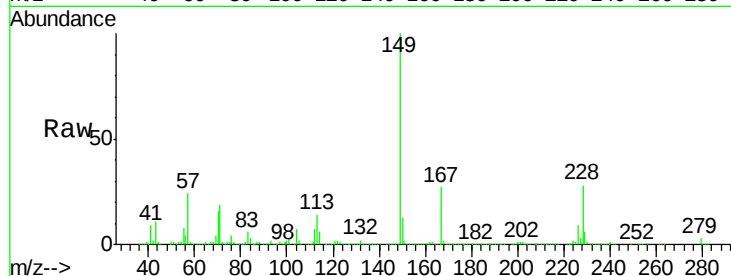
Tot Ion:149 Resp: 2951604

Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 2.7 2.9 4.3#



#84

Di-n-octyl phthalate

Concen: 52.66 ng

RT: 14.58 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

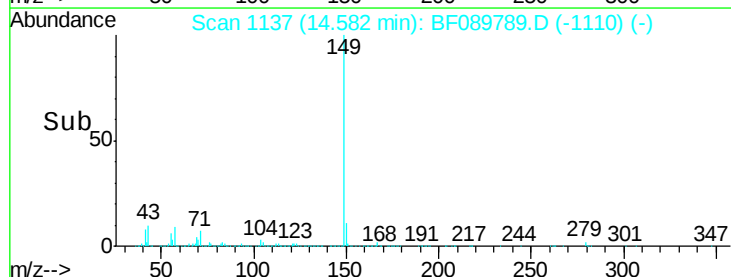
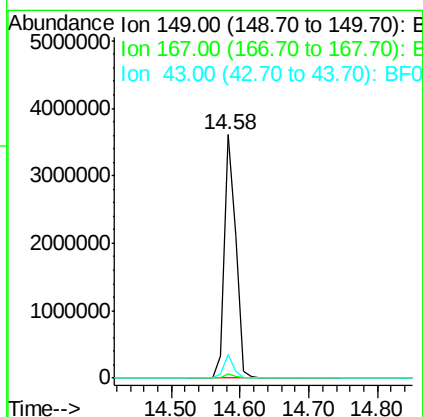
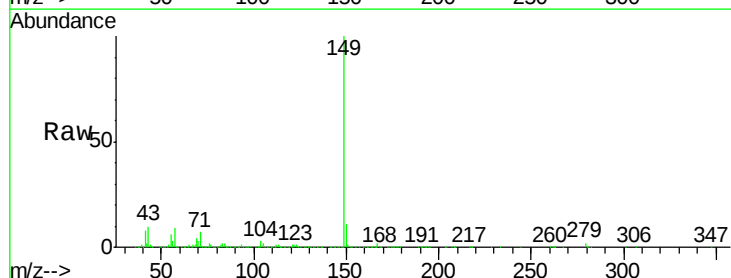
Tgt Ion:149 Resp: 4262914

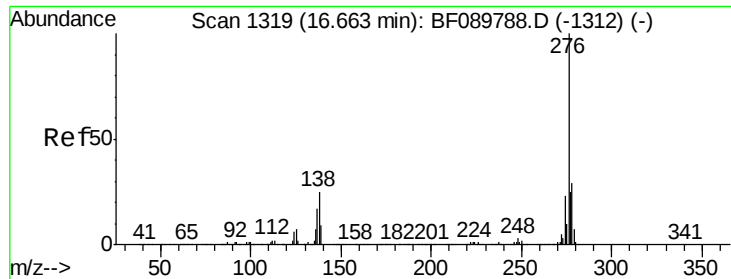
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 8.4 12.6

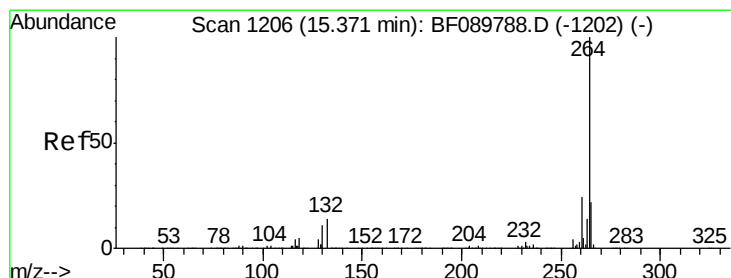
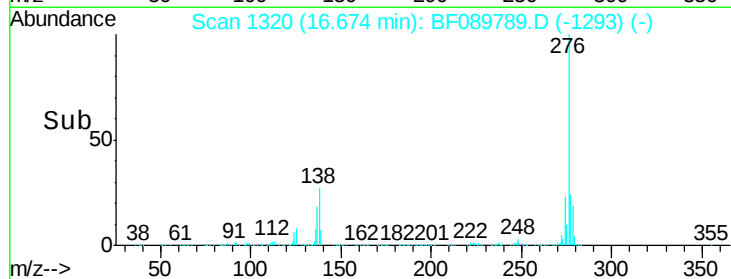
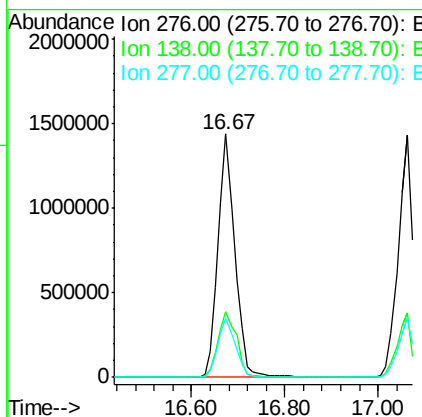
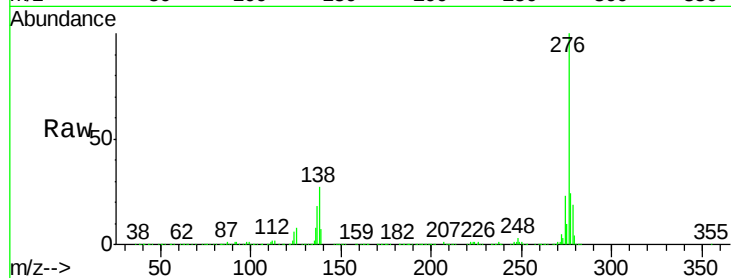




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 67.39 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

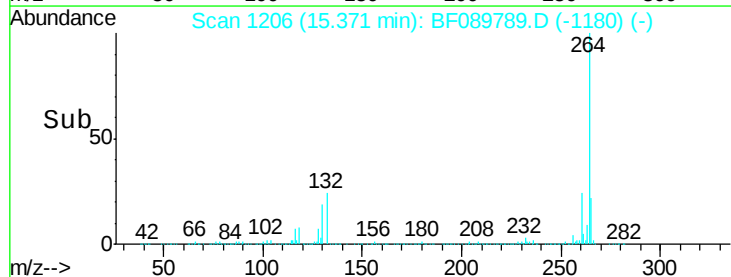
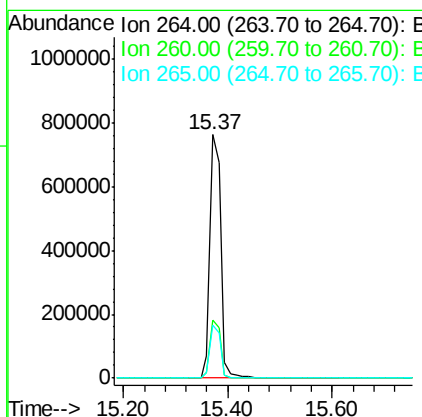
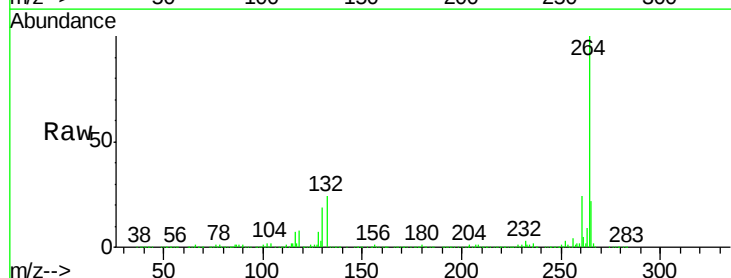
Instrument :
 BNA_F
 ClientSampleId :

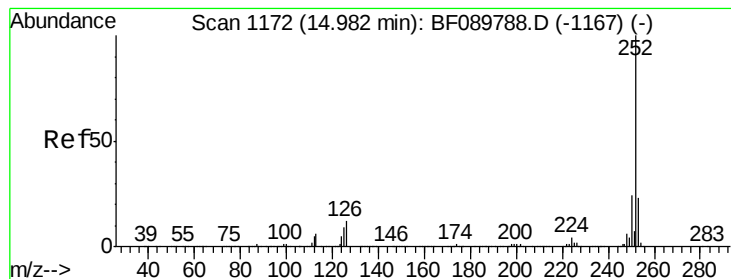
Tot Ion:276 Resp: 3598984
 Ion Ratio Lower Upper
 276 100
 138 30.2 24.6 36.8
 277 25.4 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Tgt Ion:264 Resp: 1101418
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.2 30.2
 265 21.9 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 42.73 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

Instrument :

BNA_F

ClientSampled :

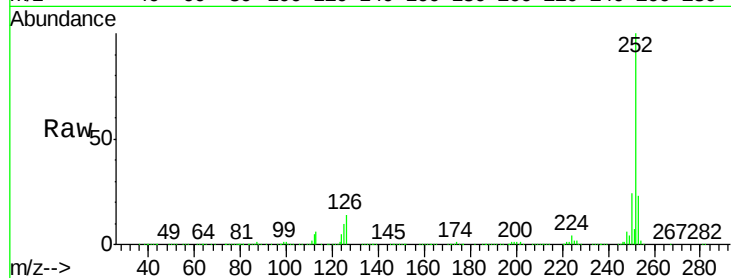
Tot Ion:252 Resp: 2982311

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

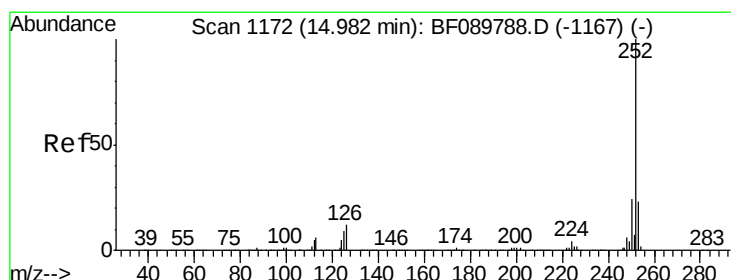
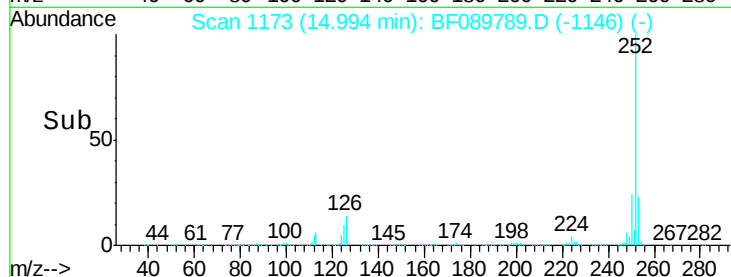
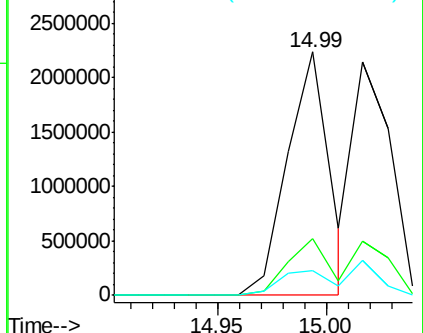
125 10.2 11.4 17.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.92 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF089789.D

Acq: 19 Aug 2016 11:41

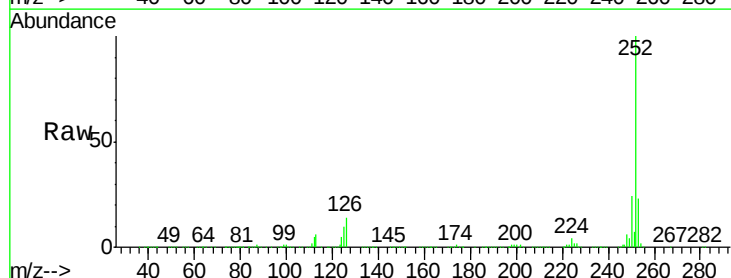
Tgt Ion:252 Resp: 2982311

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

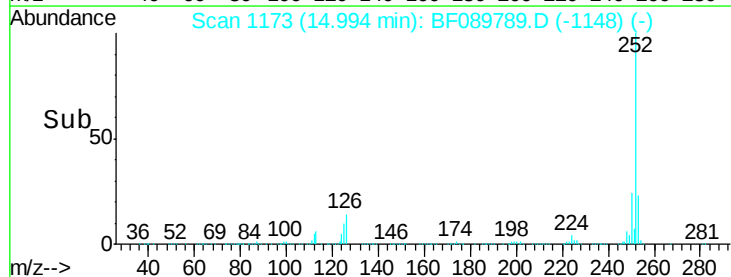
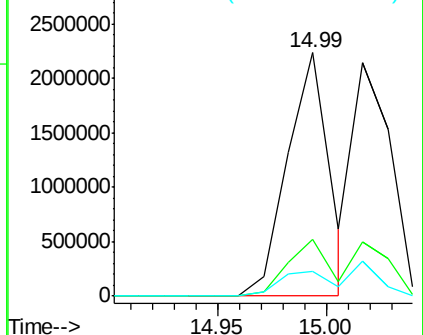
125 10.2 9.8 14.6

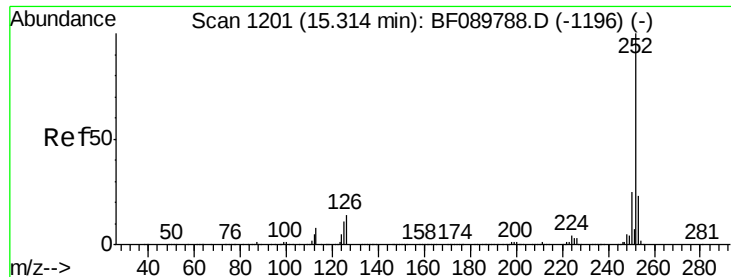


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

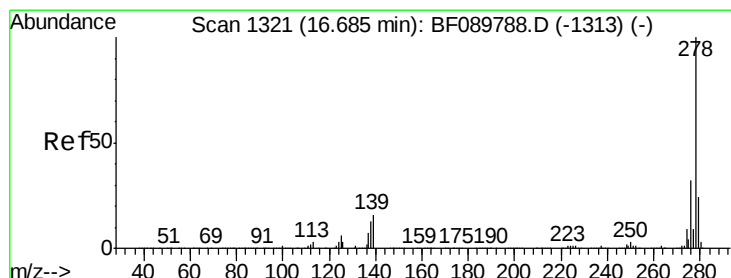
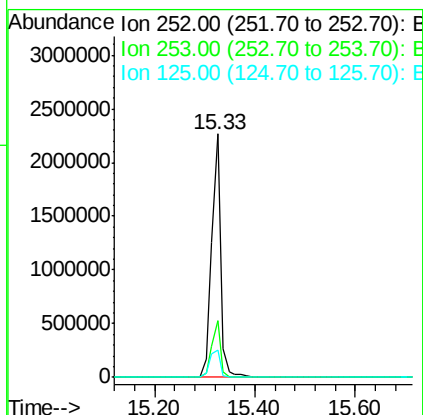
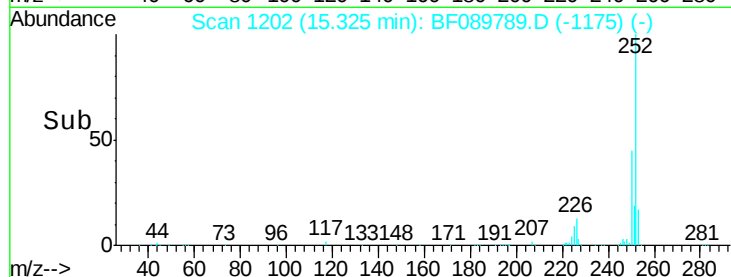
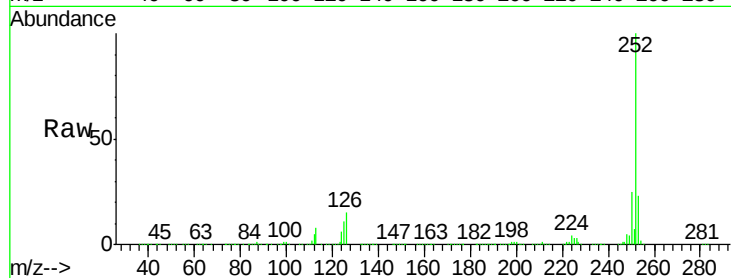




#89
Benzo(a)pyrene
Concen: 48.72 ng
RT: 15.33 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

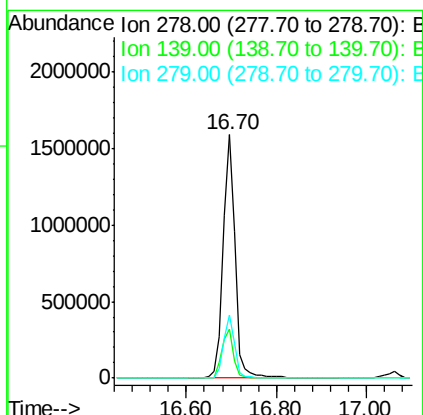
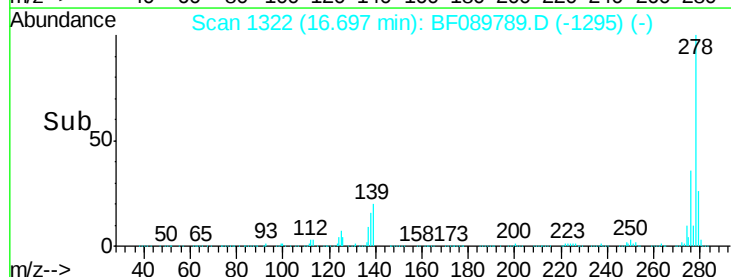
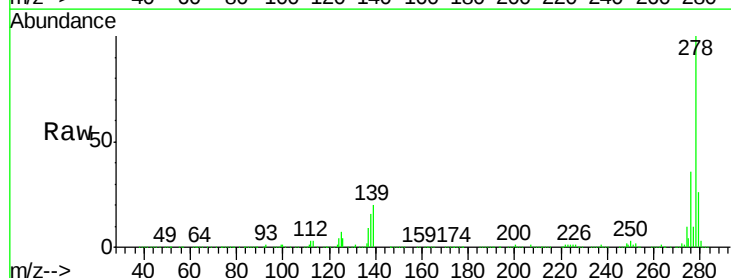
Instrument :
BNA_F
ClientSampleId :

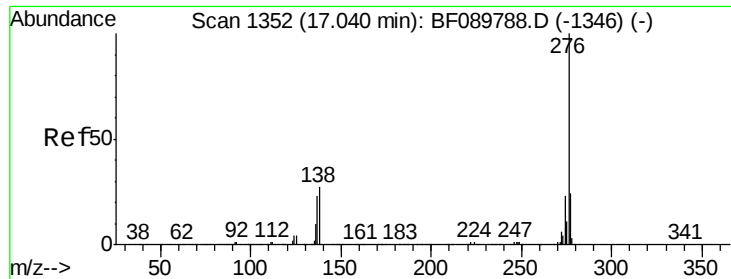
Tot Ion:252 Resp: 2806860
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.2 11.7 17.5#



#90
Dibenzo(a,h)anthracene
Concen: 65.38 ng
RT: 16.70 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF089789.D
Acq: 19 Aug 2016 11:41

Tgt Ion:278 Resp: 2966339
Ion Ratio Lower Upper
278 100
139 20.2 14.9 22.3
279 25.8 19.2 28.8



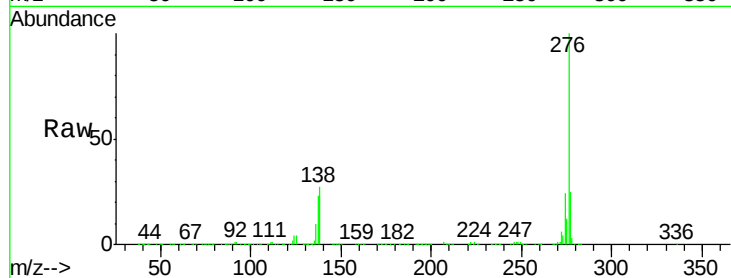


#91
 Benzo(a,h,i)perylene
 Concen: 67.37 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. 0.02 min
 Lab File: BF089789.D
 Acq: 19 Aug 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 3110710

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	26.7	22.1	33.1



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

