

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089784.D
 Acq On : 19 Aug 2016 9:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 19 14:13:50 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 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	800901	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	3182532	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	1448229	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	2584879	20.00	ng	0.00
75) Chrysene-d12	13.86	240	1543679	20.00	ng	-0.01
86) Perylene-d12	15.36	264	1421970	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	3511232	75.18	ng	0.00
7) Phenol-d6	6.33	99	4363658	76.11	ng	0.01
23) Nitrobenzene-d5	7.26	82	3756788	73.34	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	979024	71.13	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	5328473	64.67	ng	0.00
78) Terphenyl-d14	12.79	244	5042129	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	919635	39.79	ng	95
3) Pyridine	2.81	79	2454020	40.48	ng	93
4) n-Nitrosodimethylamine	2.78	42	939841	41.64	ng	84
6) Aniline	6.35	93	3083049	40.09	ng	99
8) 2-Chlorophenol	6.47	128	2054566	36.79	ng	92
9) Benzaldehyde	6.23	77	1467768	39.30	ng	87
10) Phenol	6.34	94	2521654	37.53	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	2156769	41.40	ng	97
12) 1,3-Dichlorobenzene	6.63	146	2310711	39.58	ng	94
13) 1,4-Dichlorobenzene	6.71	146	2461296	41.01	ng	95
14) 1,2-Dichlorobenzene	6.71	146	2461296	43.93	ng	97
15) Benzyl Alcohol	6.83	79	1341151	35.28	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2698024	40.46	ng	92
17) 2-Methylphenol	6.96	107	1853738	42.38	ng	95
18) Hexachloroethane	7.20	117	816155	38.13	ng	# 84
19) n-Nitroso-di-n-propylamine	7.12	70	1308142	35.68	ng	92
20) 3+4-Methylphenols	7.12	107	2128959	39.70	ng	# 46
22) Acetophenone	7.11	105	2669649	36.53	ng	# 88
24) Nitrobenzene	7.28	77	2315384	40.29	ng	92
25) Isophorone	7.52	82	3843909	37.20	ng	96
26) 2-Nitrophenol	7.59	139	1055104	36.79	ng	# 77
27) 2,4-Dimethylphenol	7.63	122	1982896	38.37	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	2431085	38.03	ng	95
29) 2,4-Dichlorophenol	7.83	162	1661953	38.32	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1903413	39.68	ng	96
31) Naphthalene	8.00	128	5582639	37.53	ng	97
32) Benzoic acid	7.78	122	1727332	42.89	ng	99
33) 4-Chloroaniline	8.04	127	2372819	36.80	ng	# 89
34) Hexachlorobutadiene	8.12	225	962652	38.32	ng	96
35) Caprolactam	8.43	113	494041	37.41	ng	91
36) 4-Chloro-3-methylphenol	8.54	107	1955039	41.63	ng	93
37) 2-Methylnaphthalene	8.68	142	3715160	38.61	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1811108	38.62	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	693765	42.61	ng	97

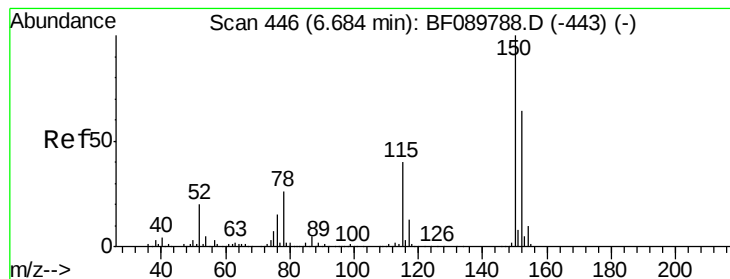
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	1201213	40.71	ng	100
43) 2,4,5-Trichlorophenol	8.99	196	1224459	41.73	ng	# 90
45) 1,1'-Biphenyl	9.15	154	4581519	40.88	ng	92
46) 2-Chloronaphthalene	9.16	162	3276933	36.99	ng	98
47) 2-Nitroaniline	9.27	65	1228113	48.60	ng	# 79
48) Acenaphthylene	9.58	152	5264114	39.54	ng	97
49) Dimethylphthalate	9.46	163	4178165	40.97	ng	# 97
50) 2,6-Dinitrotoluene	9.51	165	910253	38.66	ng	# 82
51) Acenaphthene	9.76	154	3697478	41.97	ng	99
52) 3-Nitroaniline	9.68	138	1220699	46.80	ng	90
53) 2,4-Dinitrophenol	9.77	184	416296	39.20	ng	# 85
54) Dibenzofuran	9.92	168	4291243	38.78	ng	99
55) 4-Nitrophenol	9.84	139	1008539	47.37	ng	98
56) 2,4-Dinitrotoluene	9.91	165	1084125	35.49	ng	# 67
57) Fluorene	10.26	166	3006455	34.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	921993	43.17	ng	97
59) Diethylphthalate	10.16	149	4180635	40.36	ng	95
60) 4-Chlorophenyl-phenylether	10.26	204	1380439	34.31	ng	95
61) 4-Nitroaniline	10.28	138	1080854	44.20	ng	97
62) Azobenzene	10.42	77	3886015	39.90	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	689348	46.41	ng	# 64
65) n-Nitrosodiphenylamine	10.39	169	3395675	41.78	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	1138943	42.03	ng	# 91
67) Hexachlorobenzene	10.81	284	1212471	39.22	ng	# 90
68) Atrazine	10.91	200	881935	35.43	ng	96
69) Pentachlorophenol	11.00	266	793734	45.29	ng	98
70) Phenanthrene	11.22	178	5199283	39.83	ng	93
71) Anthracene	11.27	178	4431224	33.39	ng	94
72) Carbazole	11.43	167	4943578	41.53	ng	96
73) Di-n-butylphthalate	11.77	149	5140340	34.52	ng	# 96
74) Fluoranthene	12.40	202	4818627	38.80	ng	94
76) Benzidine	12.53	184	2257312	45.19	ng	99
77) Pyrene	12.63	202	5024141	39.97	ng	94
79) Butylbenzylphthalate	13.28	149	2504378	44.11	ng	98
80) Benzo(a)anthracene	13.85	228	3544548	40.10	ng	97
81) 3,3'-Dichlorobenzidine	13.83	252	1339214	46.21	ng	# 95
82) Chrysene	13.90	228	3183251	42.00	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	3290463	42.07	ng	97
84) Di-n-octyl phthalate	14.57	149	4703002	45.25	ng	95
85) Indeno(1,2,3-cd)pyrene	16.66	276	3870818	40.03	ng	99
87) Benzo(b)fluoranthene	15.01	252	5812195	74.30	ng	96
88) Benzo(k)fluoranthene	15.01	252	5814914	81.93	ng	99
89) Benzo(a)pyrene	15.31	252	2964843	40.04	ng	# 94
90) Dibenzo(a,h)anthracene	16.69	278	3180708	39.58	ng	99
91) Benzo(g,h,i)perylene	17.05	276	3349056	39.57	ng	96

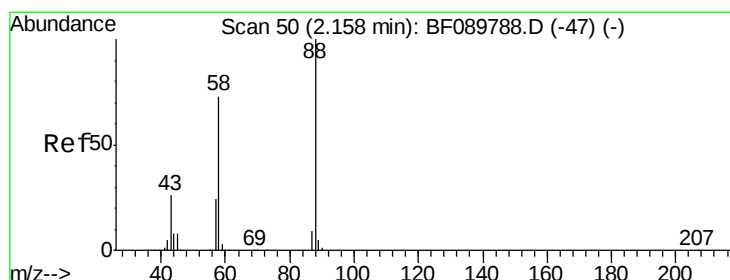
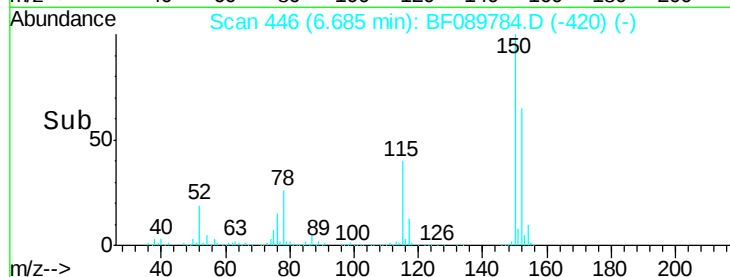
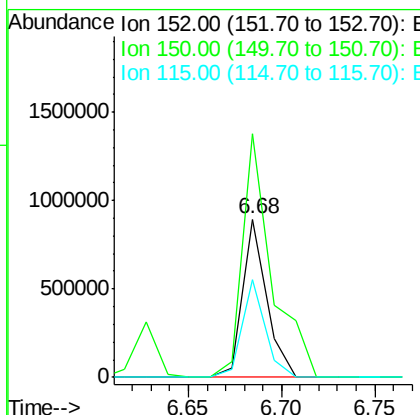
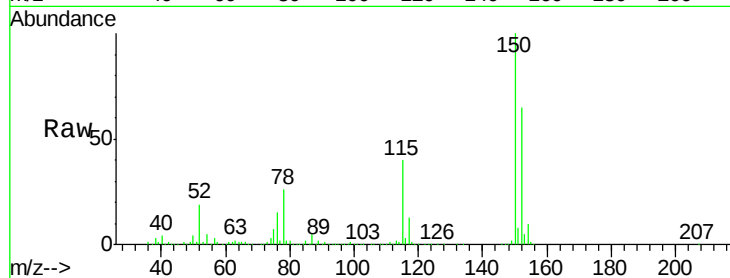
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

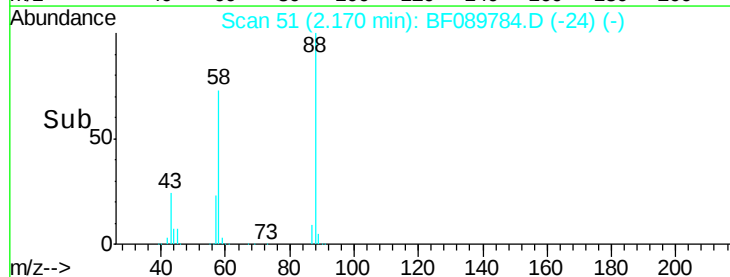
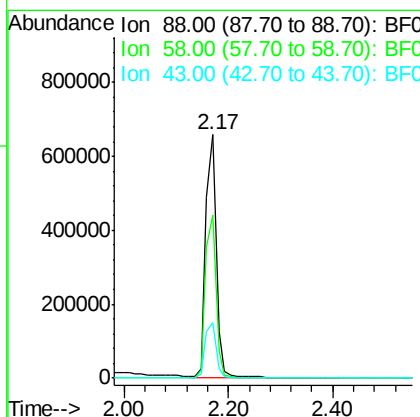
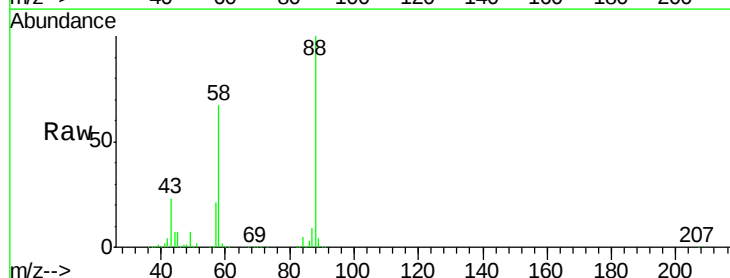
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

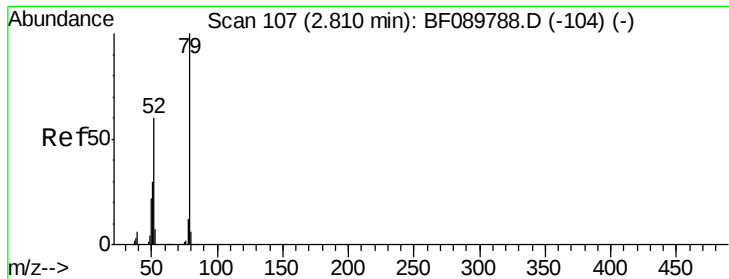
Tgt Ion:152 Resp: 800901
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.3 187.9
 115 62.1 40.9 61.3#



#2
 1,4-Dioxane
 Concen: 39.79 ng
 RT: 2.17 min Scan# 51
 Delta R.T. 0.01 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion: 88 Resp: 919635
 Ion Ratio Lower Upper
 88 100
 58 67.9 57.0 85.4
 43 23.4 21.8 32.8





#3

Pyridine

Concen: 40.48 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

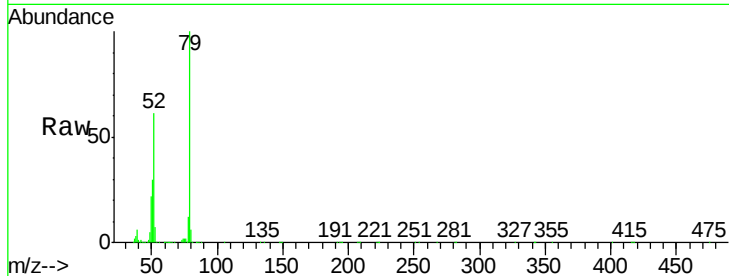
Tgt Ion: 79 Resp: 2454020

Ion Ratio Lower Upper

79 100

52 61.1 53.6 80.4

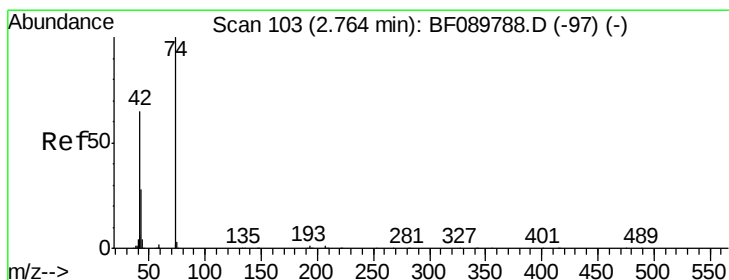
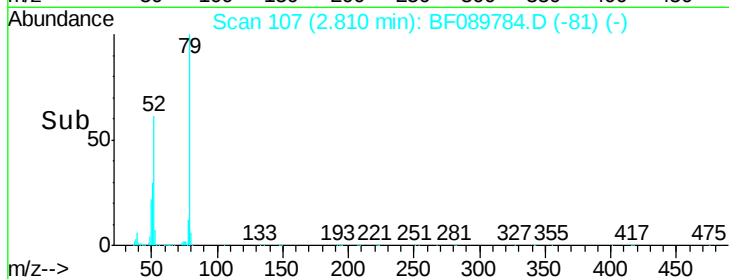
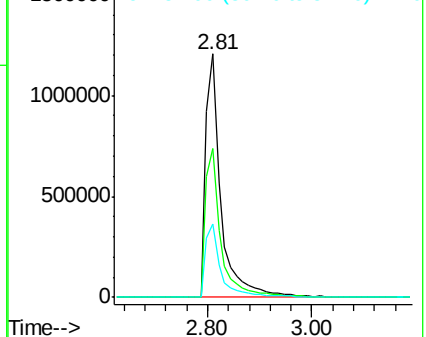
51 30.2 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.64 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

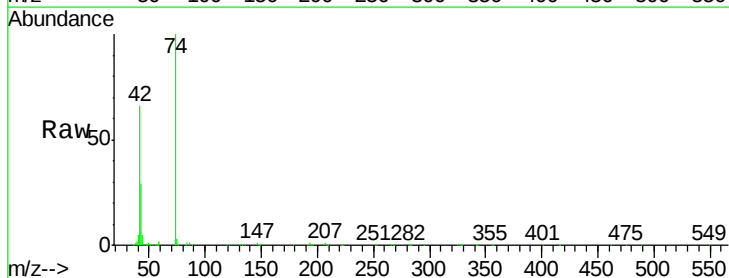
Tgt Ion: 42 Resp: 939841

Ion Ratio Lower Upper

42 100

74 152.5 106.2 159.2

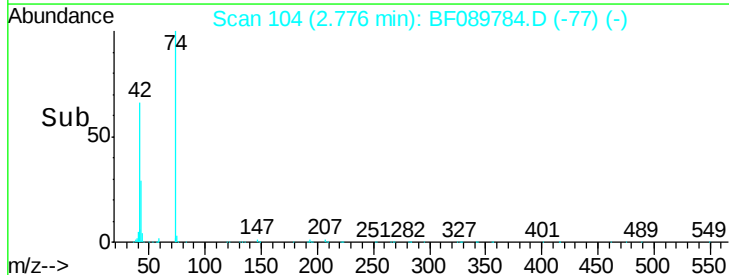
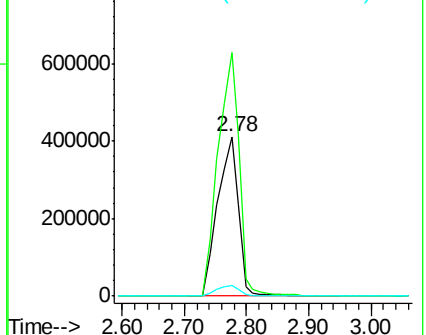
44 7.1 6.9 10.3

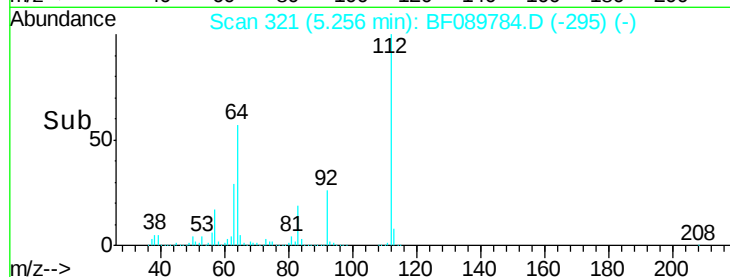
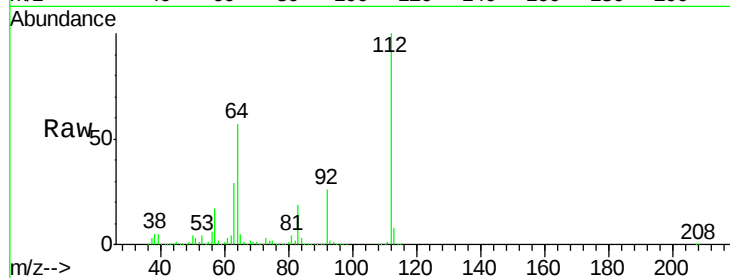
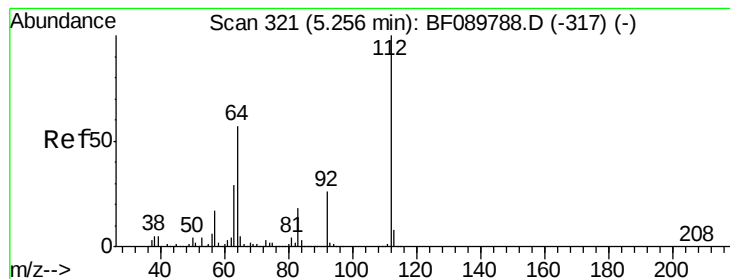


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.18 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

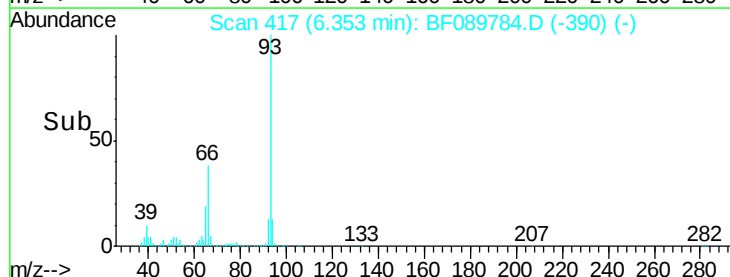
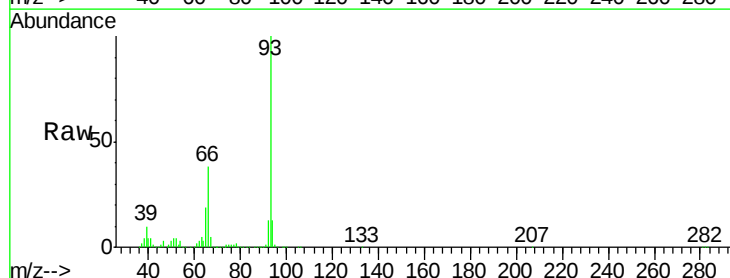
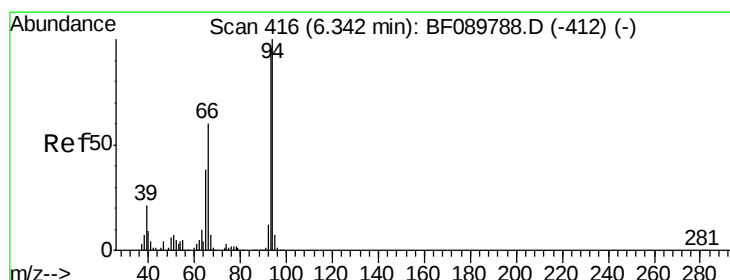
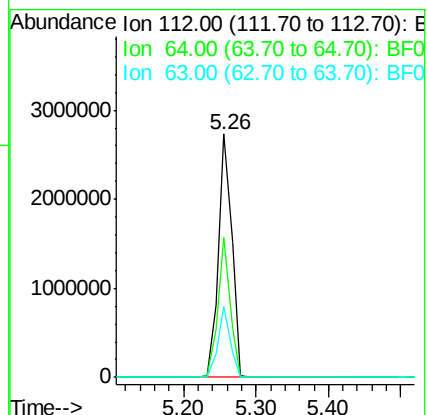
Tgt Ion:112 Resp: 3511232

Ion Ratio Lower Upper

112 100

64 57.2 45.0 67.4

63 29.0 23.1 34.7



#6

Aniline

Concen: 40.09 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

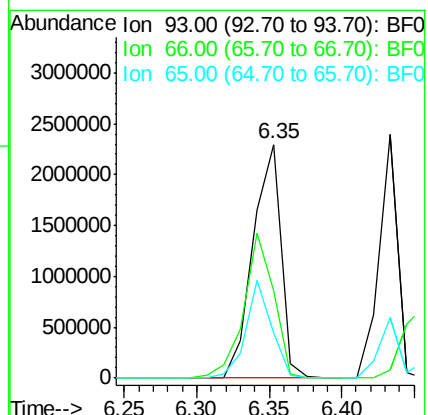
Tgt Ion: 93 Resp: 3083049

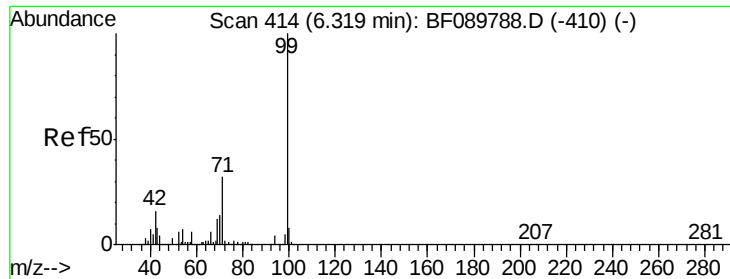
Ion Ratio Lower Upper

93 100

66 37.6 30.6 46.0

65 19.5 15.4 23.2





#7

Phenol-d6

Concen: 76.11 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

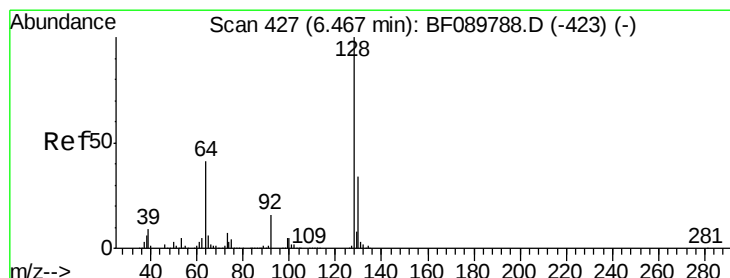
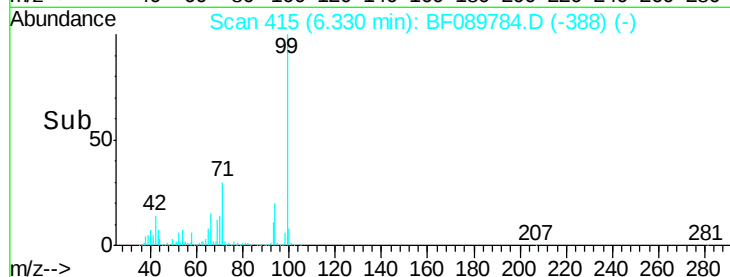
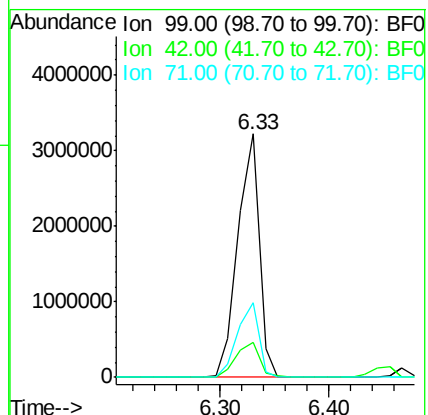
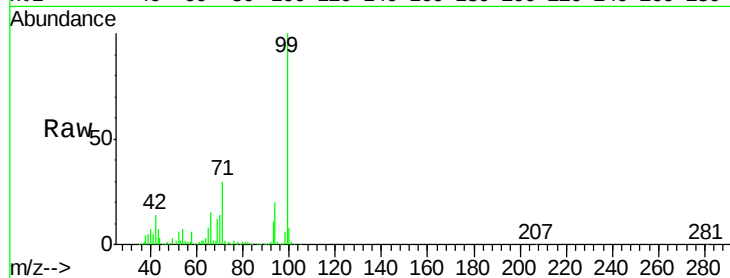
Tgt Ion: 99 Resp: 4363658

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.4

71 30.5 23.8 35.8



#8

2-Chlorophenol

Concen: 36.79 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

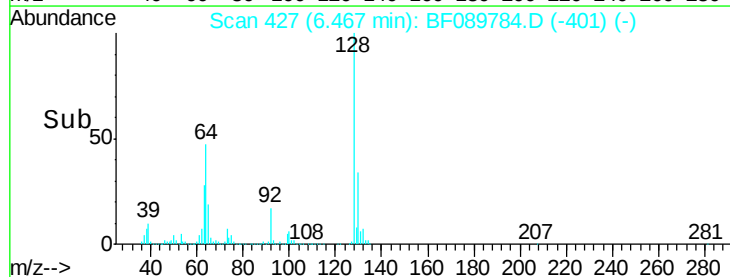
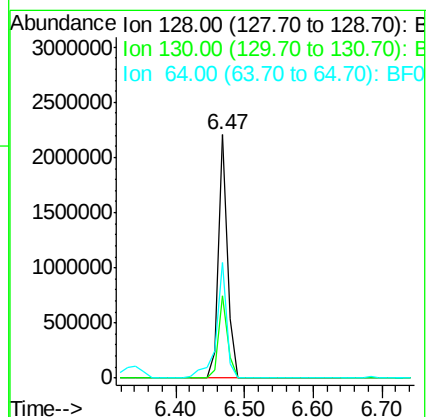
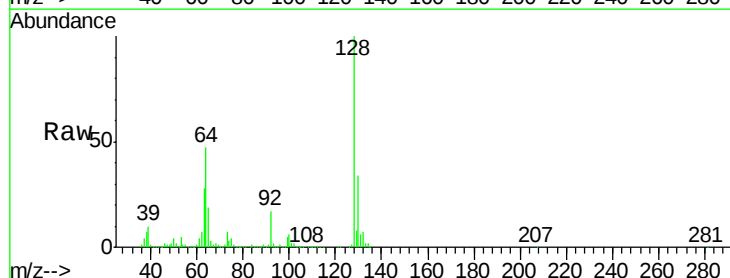
Tgt Ion: 128 Resp: 2054566

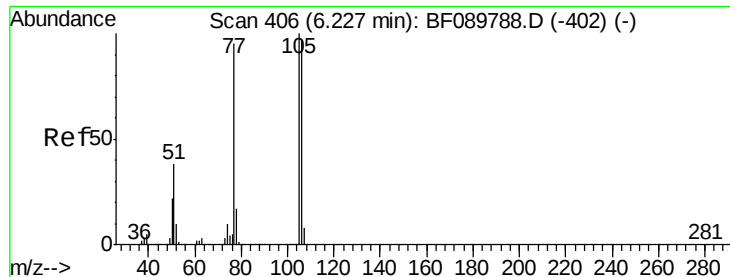
Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 47.5 35.1 75.1





#9

Benzaldehyde

Concen: 39.30 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

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ClientSampleId :

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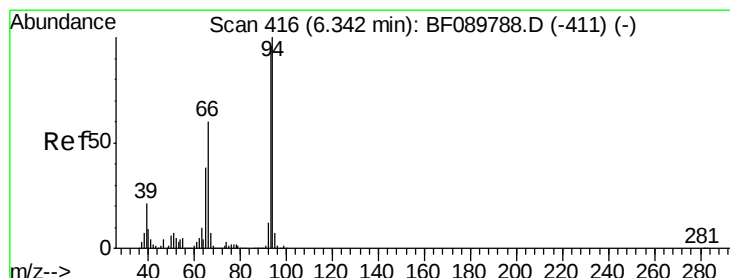
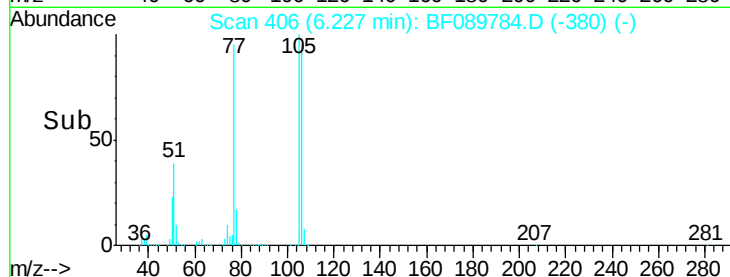
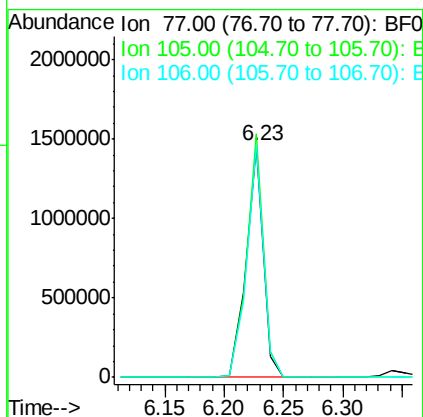
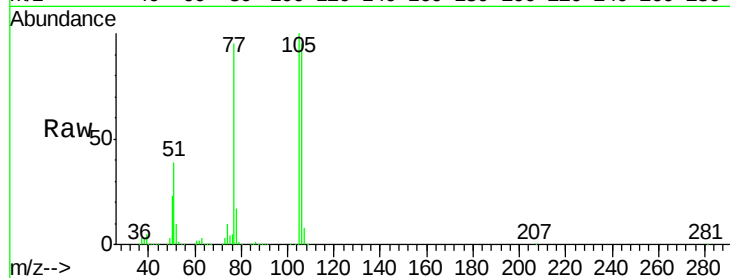
Tgt Ion: 77 Resp: 1467768

Ion Ratio Lower Upper

77 100

105 105.4 73.3 113.3

106 100.6 68.6 108.6



#10

Phenol

Concen: 37.53 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

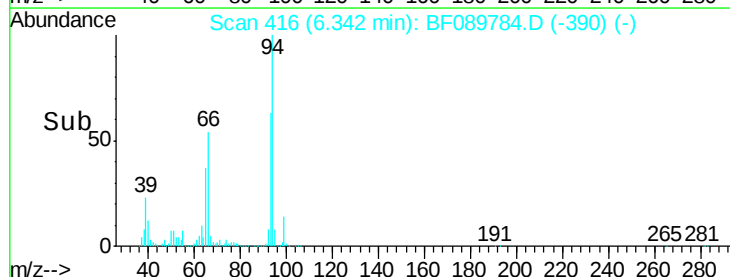
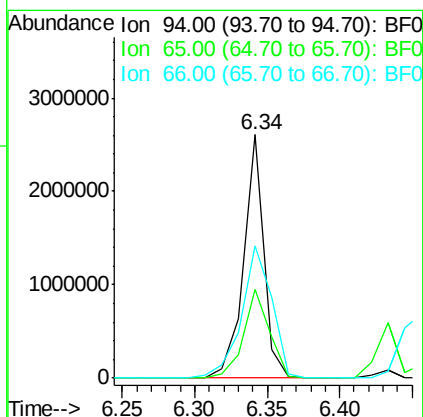
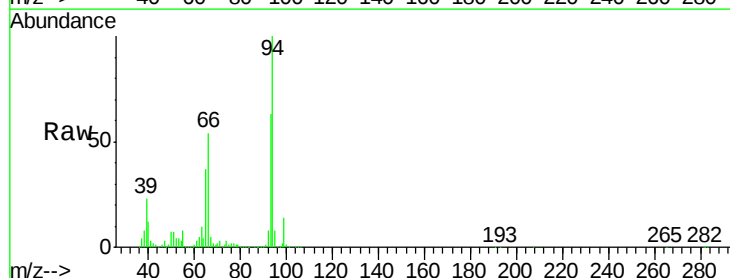
Tgt Ion: 94 Resp: 2521654

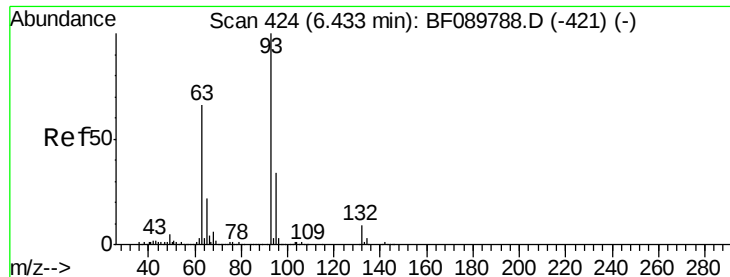
Ion Ratio Lower Upper

94 100

65 36.6 14.0 54.0

66 54.5 31.2 71.2

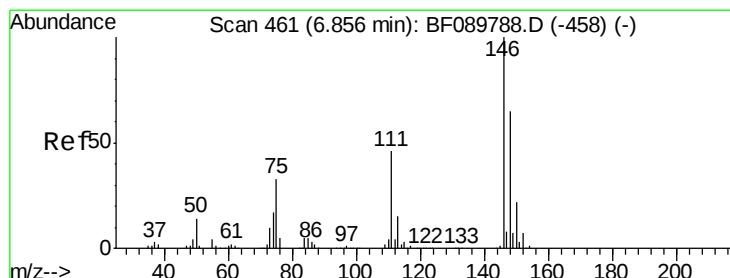
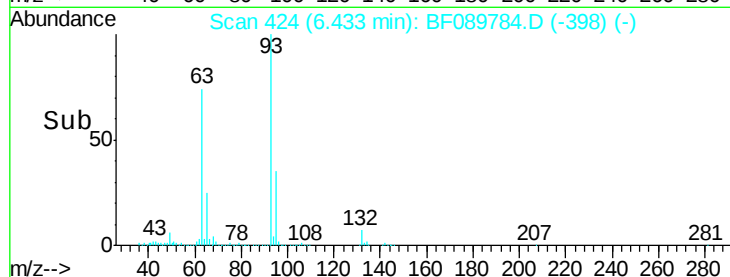
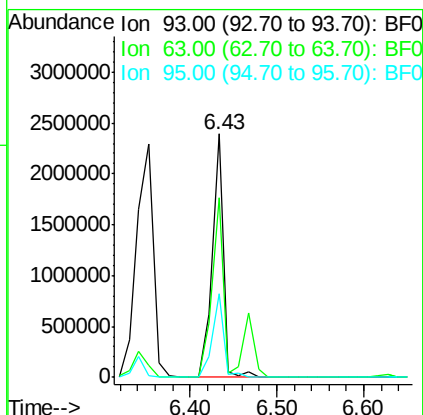
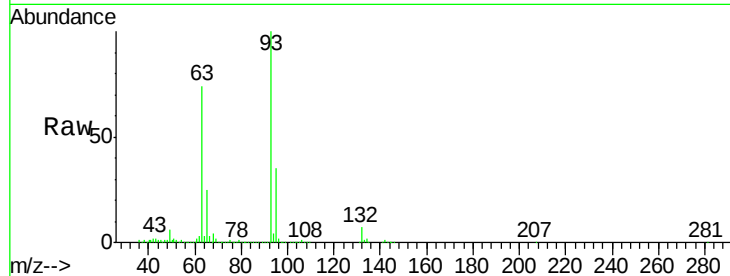




#11
 bis(2-Chloroethyl)ether
 Concen: 41.40 ng
 RT: 6.43 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

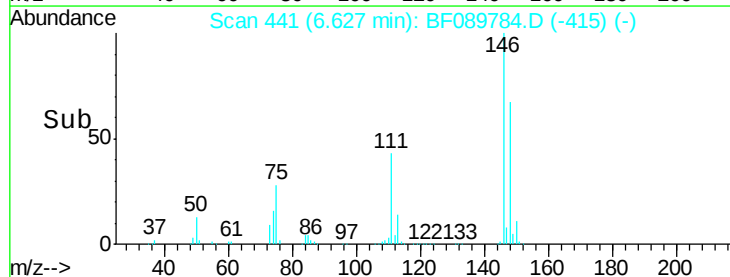
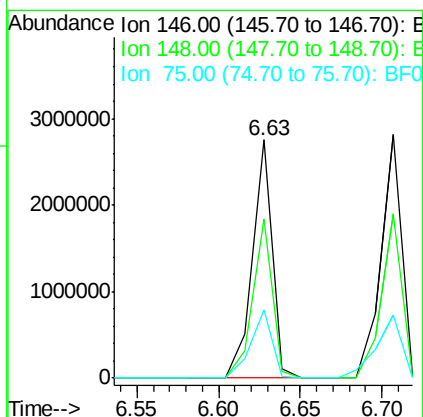
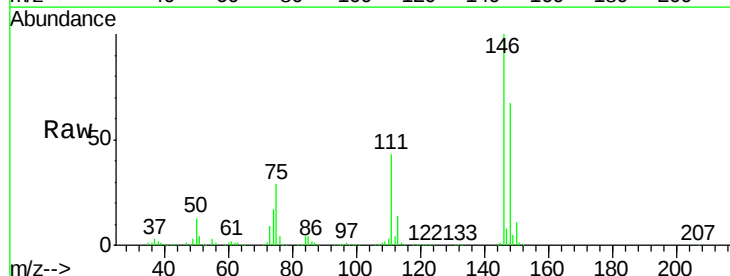
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

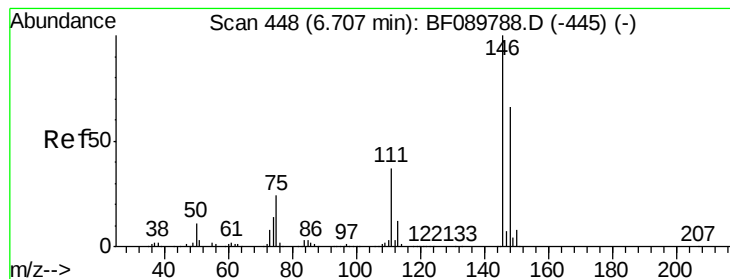
Tgt Ion: 93 Resp: 2156769
 Ion Ratio Lower Upper
 93 100
 63 73.6 55.8 95.8
 95 34.6 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 39.58 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion: 146 Resp: 2310711
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.0 76.4
 75 28.6 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 41.01 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

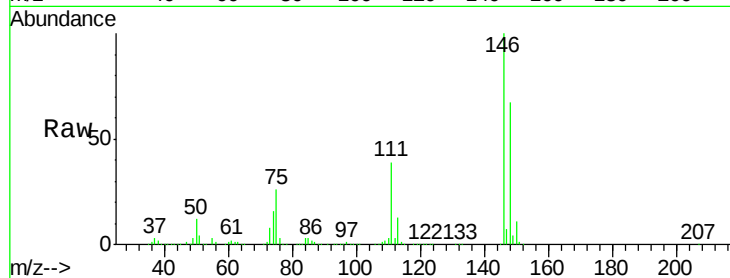
Tgt Ion:146 Resp: 2461296

Ion Ratio Lower Upper

146 100

148 67.4 51.0 76.6

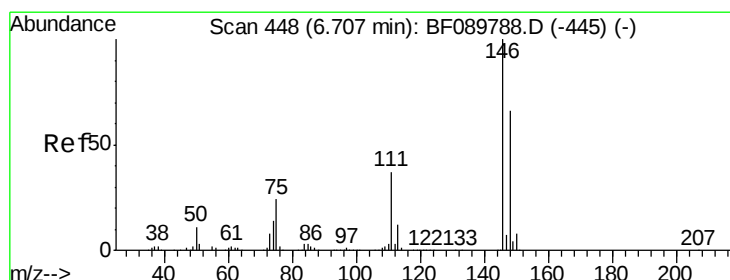
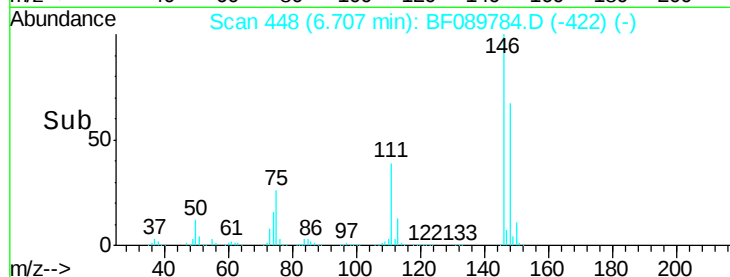
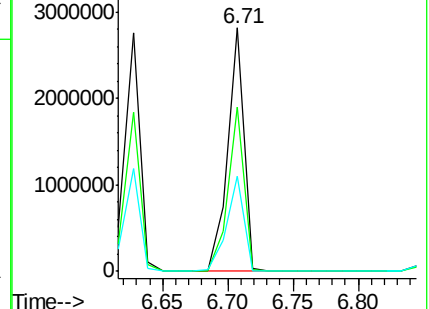
111 39.2 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.93 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.15 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

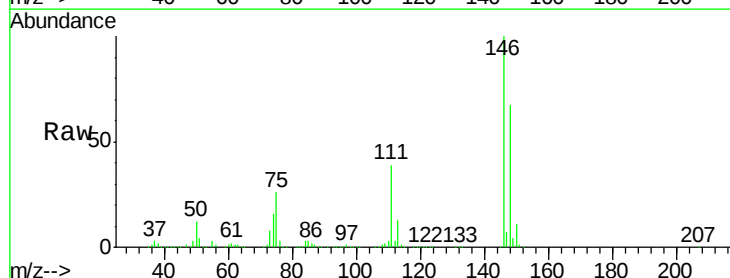
Tgt Ion:146 Resp: 2461296

Ion Ratio Lower Upper

146 100

148 67.4 52.2 78.2

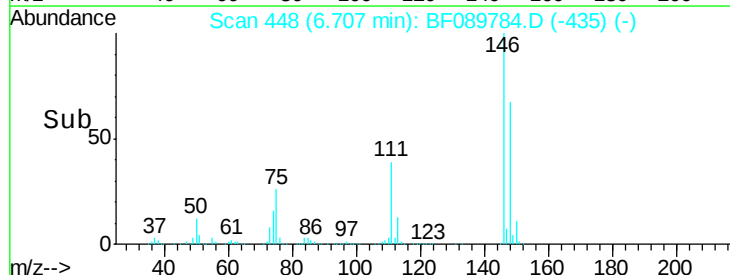
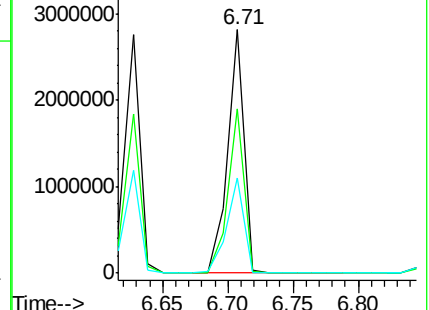
111 39.2 29.8 44.6

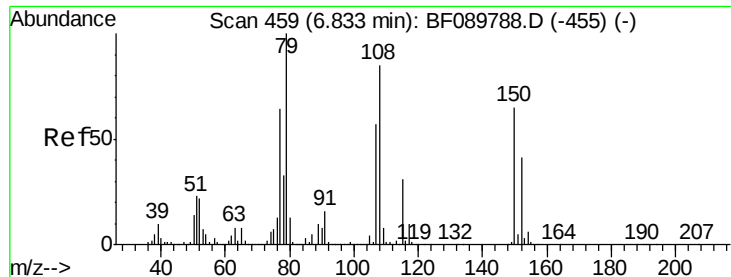


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.28 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

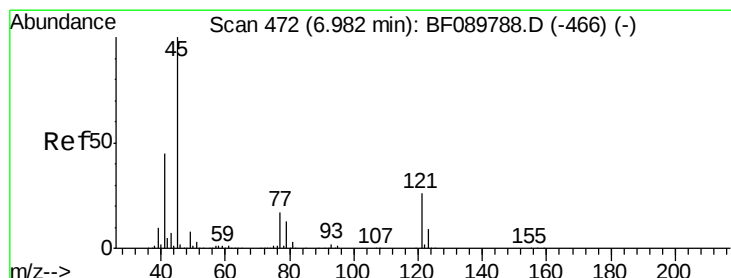
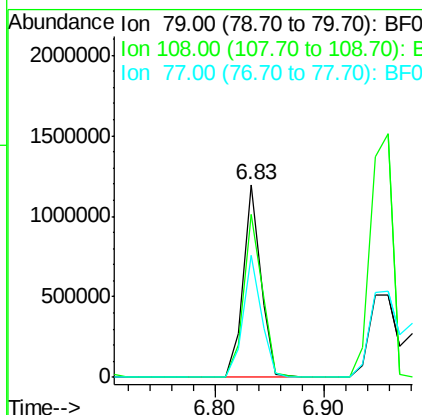
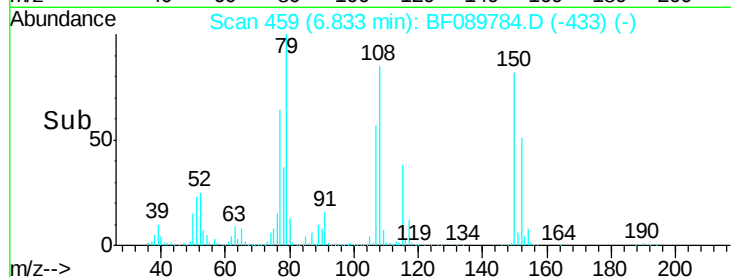
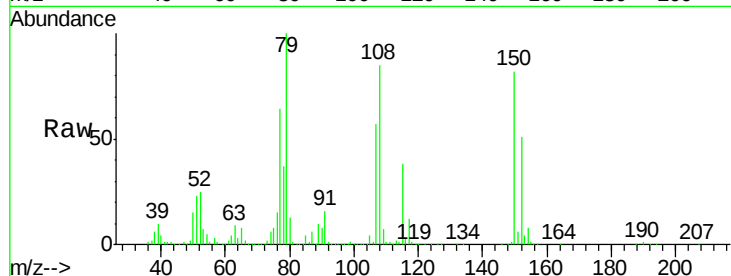
Tgt Ion: 79 Resp: 1341151

Ion Ratio Lower Upper

79 100

108 84.8 62.5 93.7

77 63.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.46 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

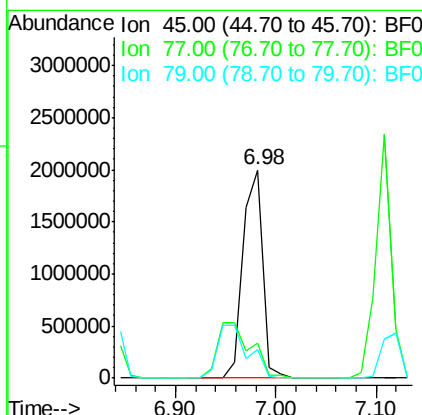
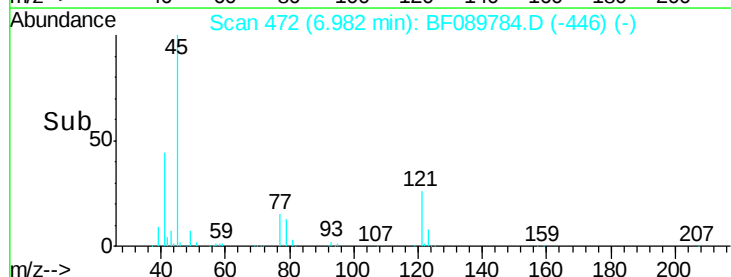
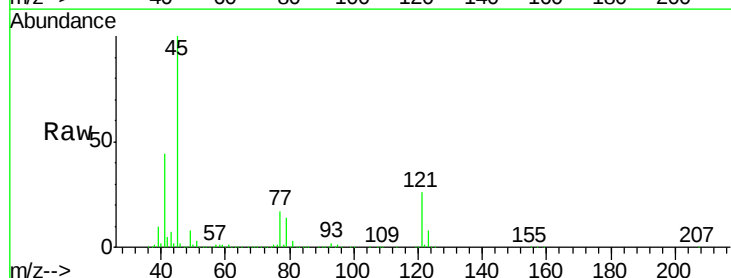
Tgt Ion: 45 Resp: 2698024

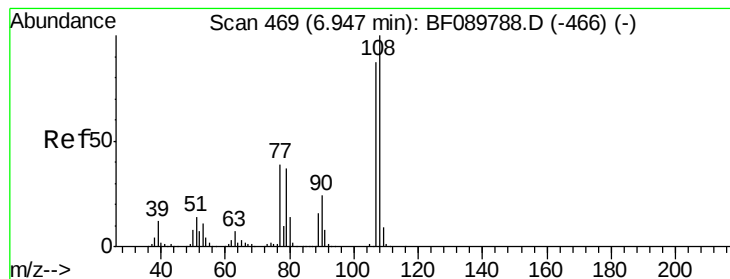
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.5

79 13.8 0.0 30.7





#17

2-Methylphenol

Concen: 42.38 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 1853738

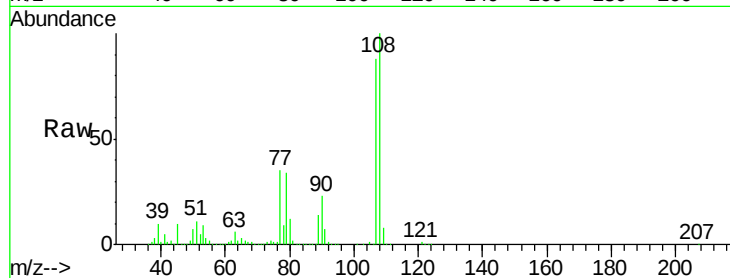
Ion Ratio Lower Upper

107 100

108 114.3 91.0 136.4

77 40.6 37.4 56.0

79 38.7 36.6 55.0

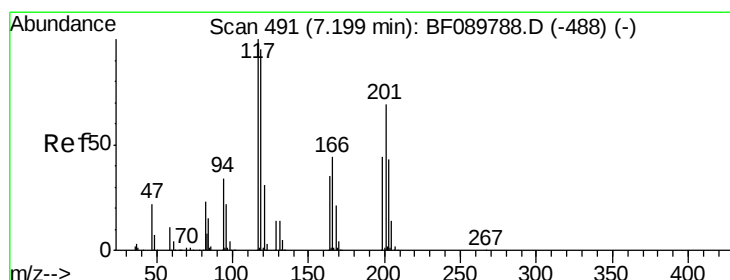
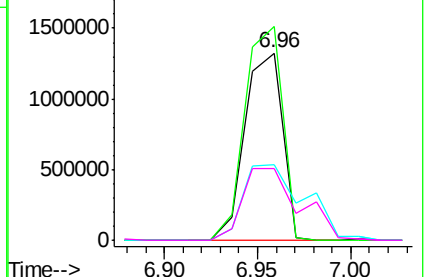
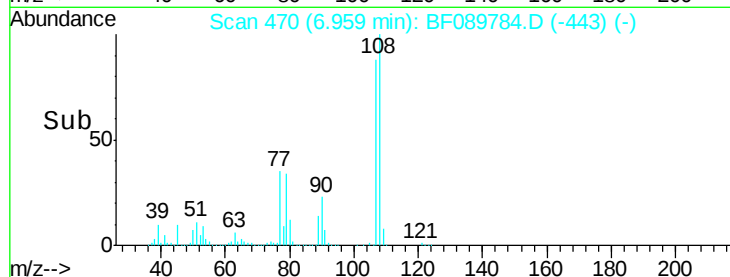


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.13 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

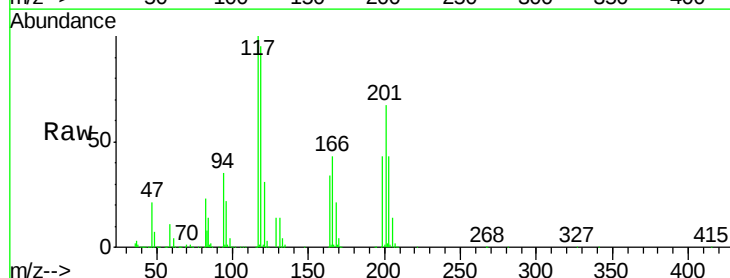
Tgt Ion:117 Resp: 816155

Ion Ratio Lower Upper

117 100

119 94.9 77.1 115.7

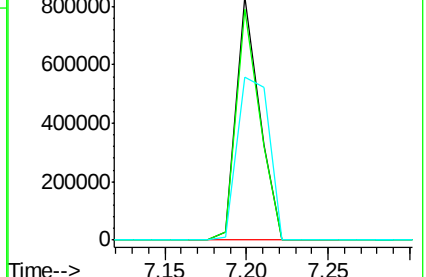
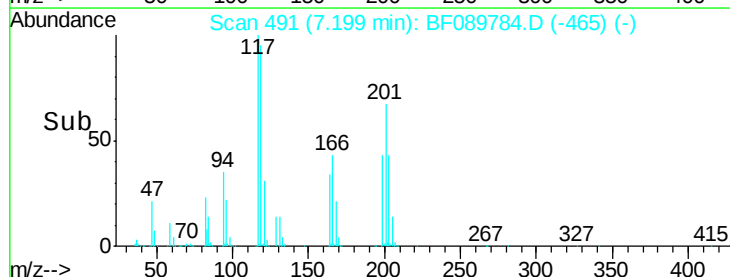
201 67.0 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

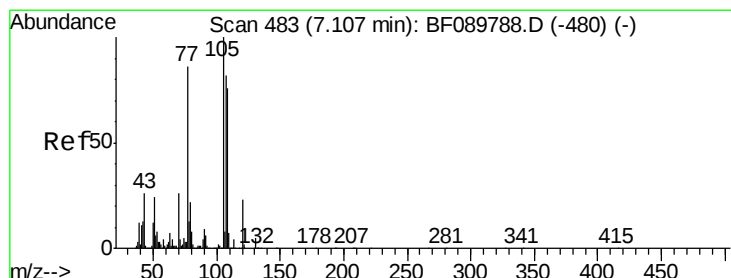
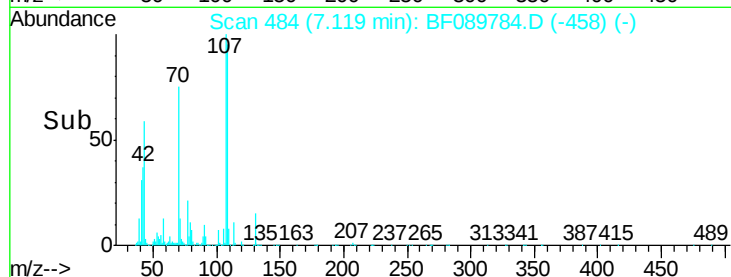
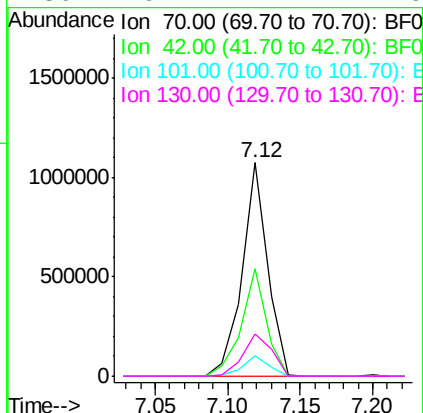
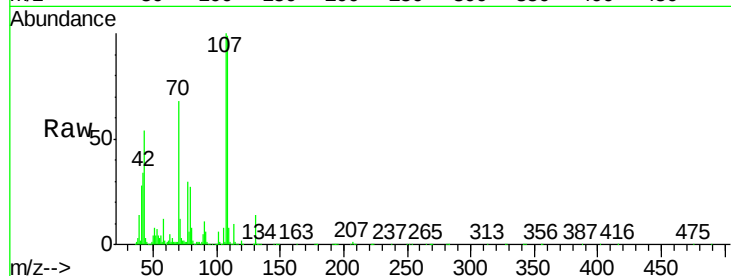




#19
n-Nitroso-di-n-propylamine
Concen: 35.68 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

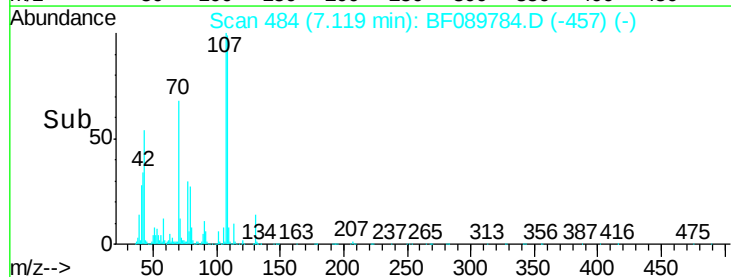
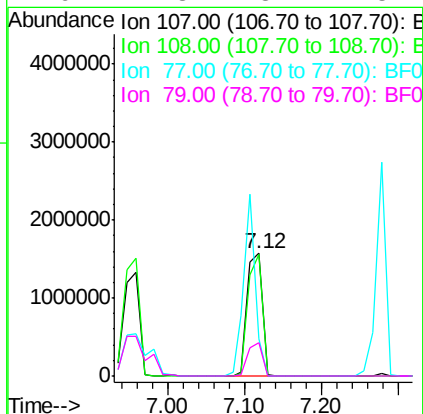
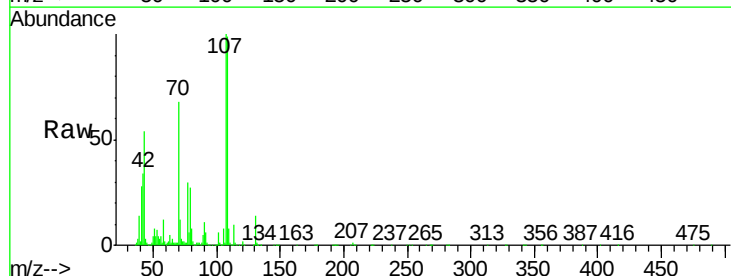
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

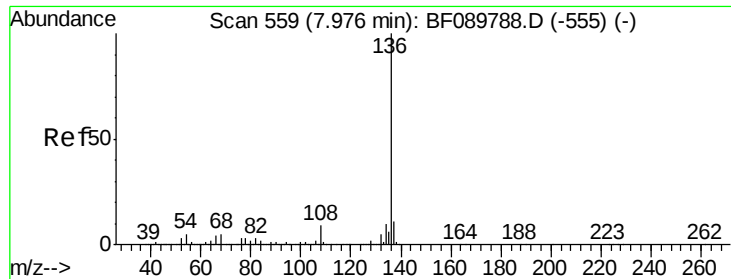
Tgt Ion: 70 Resp: 1308142
Ion Ratio Lower Upper
70 100
42 50.3 46.3 69.5
101 9.3 7.0 10.6
130 20.1 14.4 21.6



#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion: 107 Resp: 2128959
Ion Ratio Lower Upper
107 100
108 99.1 68.2 108.2
77 30.1 122.3 162.3#
79 27.3 8.2 48.2

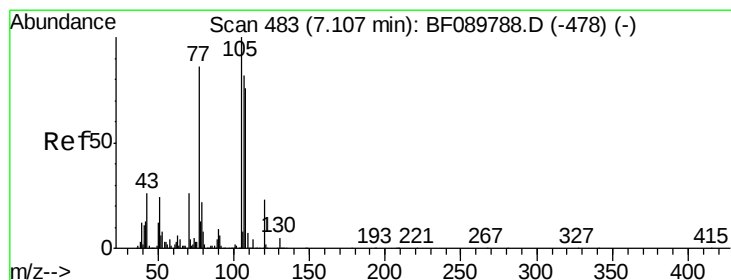
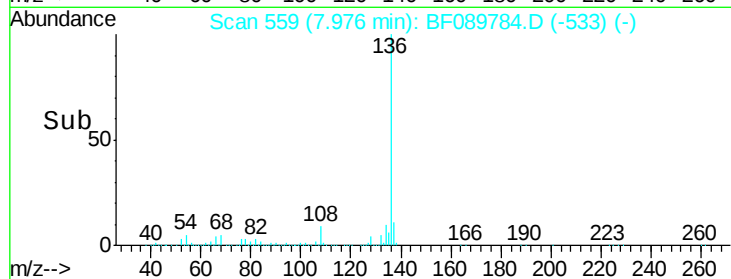
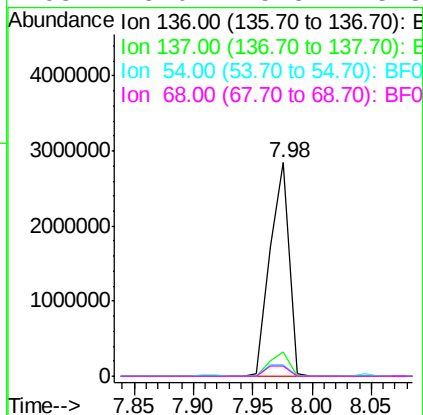
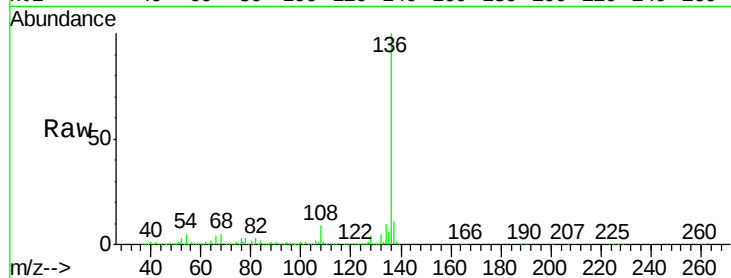




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

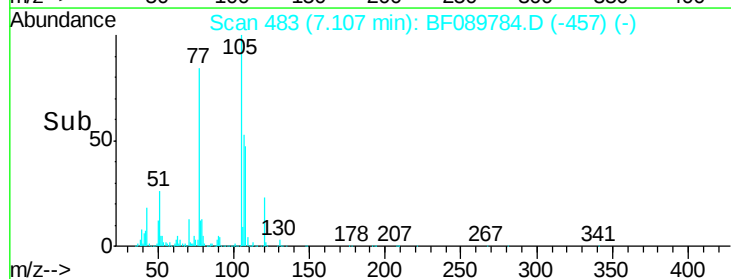
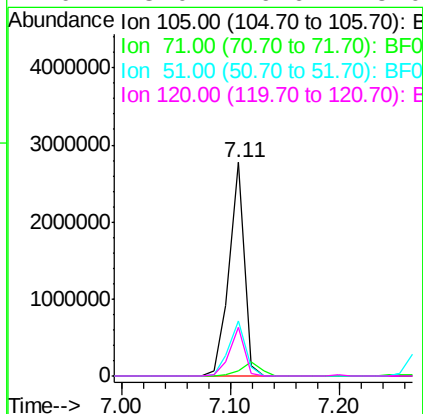
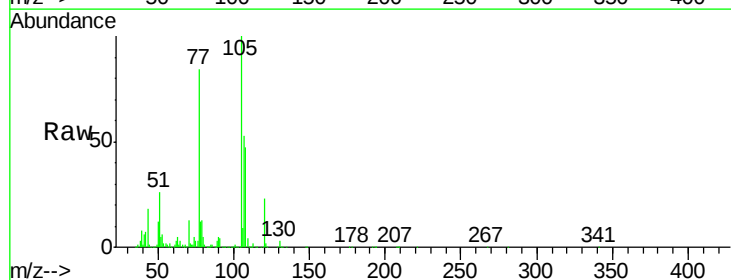
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

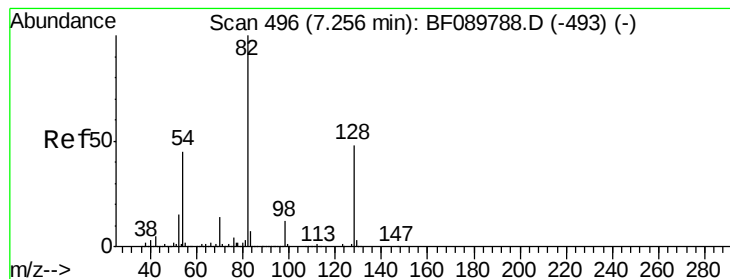
Tgt Ion:	136	Resp:	3182532
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.1	7.2	10.8#
68	5.0	5.8	8.8#



#22
Acetophenone
Concen: 36.53 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:	105	Resp:	2669649
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.9	2.9
51	25.6	28.5	42.7#
120	23.0	16.6	25.0





#23

Nitrobenzene-d5

Concen: 73.34 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

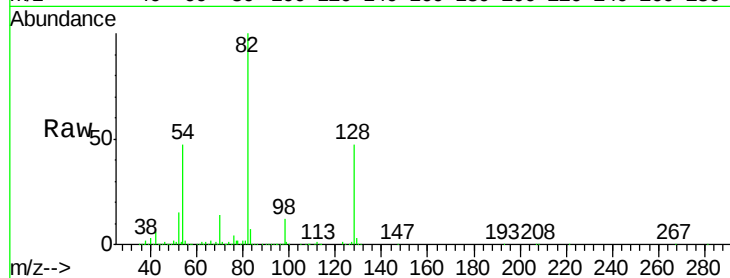
Tgt Ion: 82 Resp: 3756788

Ion Ratio Lower Upper

82 100

128 47.4 34.4 51.6

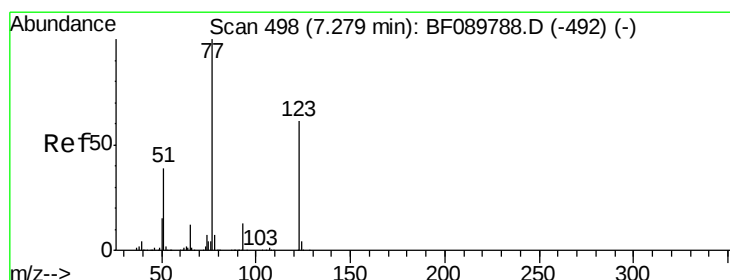
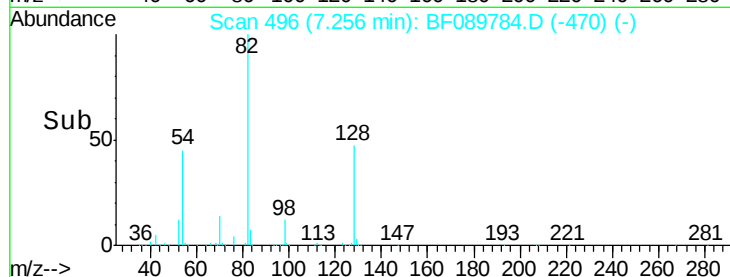
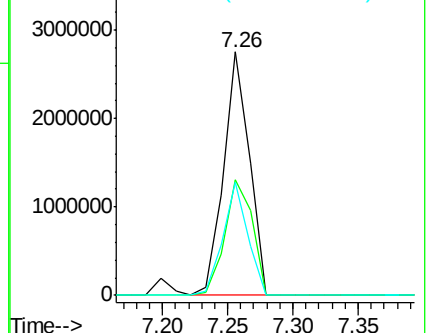
54 46.6 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.29 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

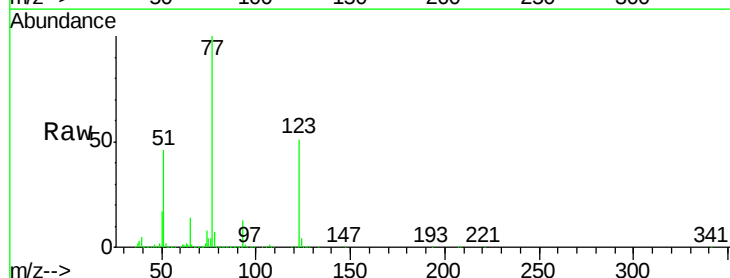
Tgt Ion: 77 Resp: 2315384

Ion Ratio Lower Upper

77 100

123 51.5 36.2 54.2

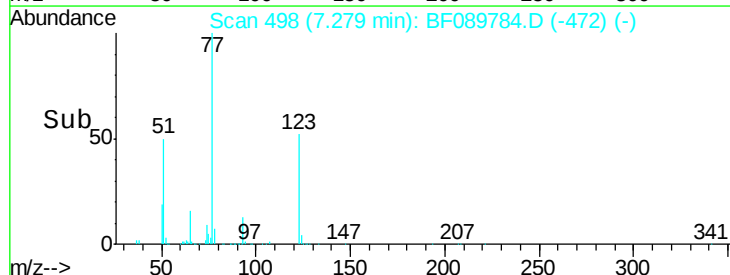
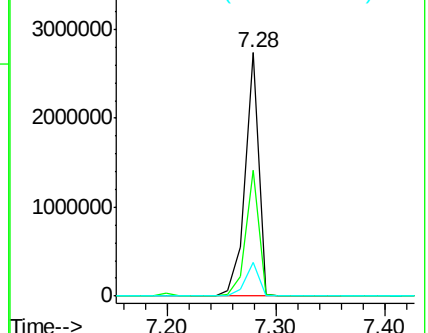
65 13.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

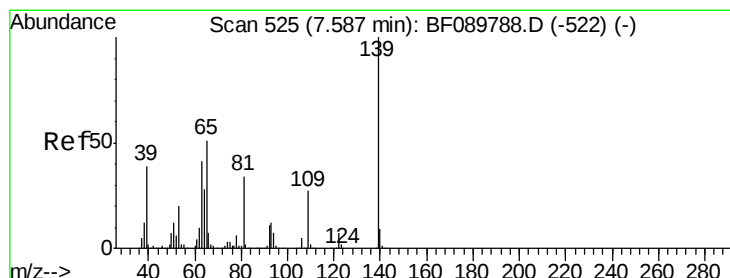
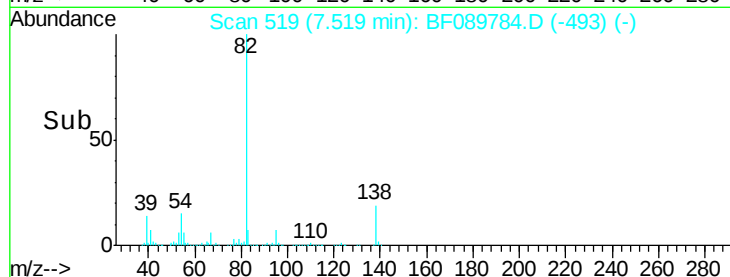
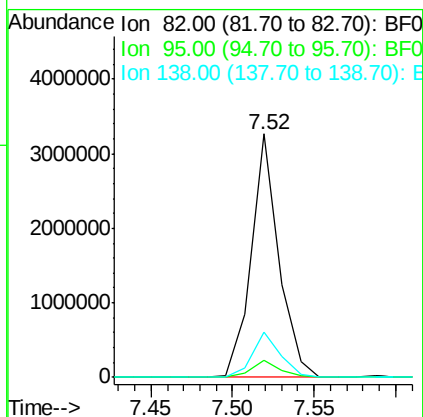
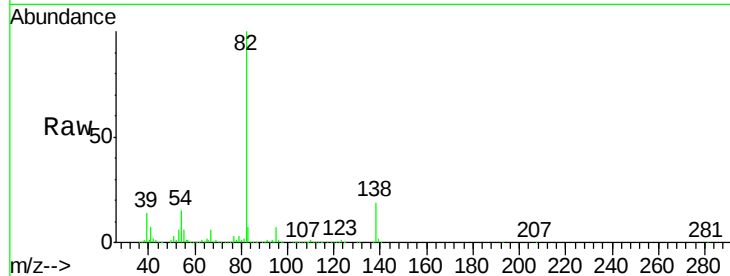




#25
Isophorone
Concen: 37.20 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

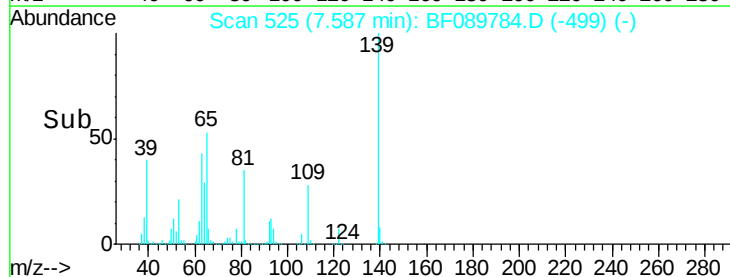
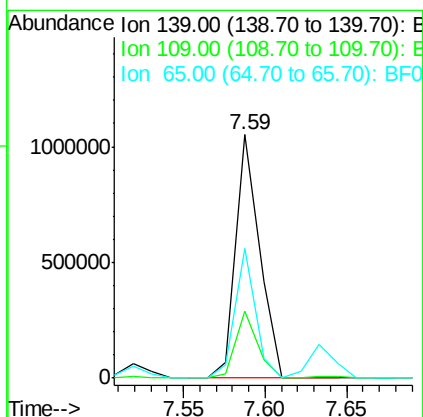
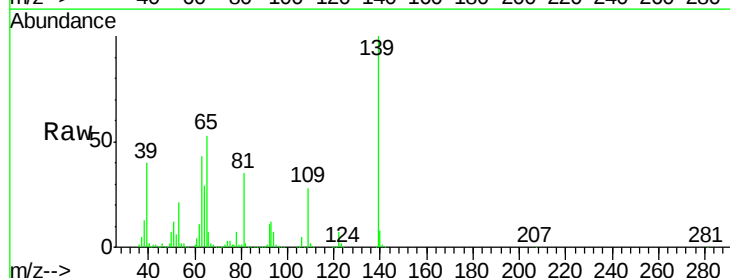
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

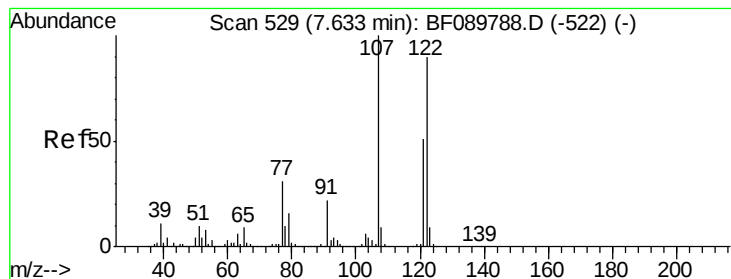
Tgt Ion: 82 Resp: 3843909
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 18.6 13.0 19.4



#26
2-Nitrophenol
Concen: 36.79 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion: 139 Resp: 1055104
Ion Ratio Lower Upper
139 100
109 27.6 19.5 29.3
65 53.1 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 38.37 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

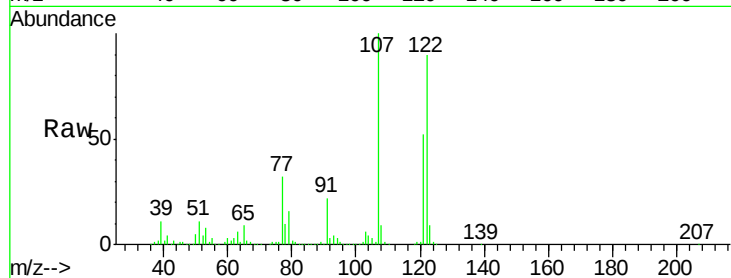
Tgt Ion:122 Resp: 1982896

Ion Ratio Lower Upper

122 100

107 110.6 84.8 127.2

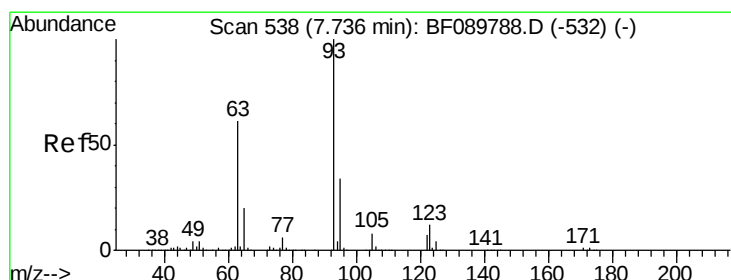
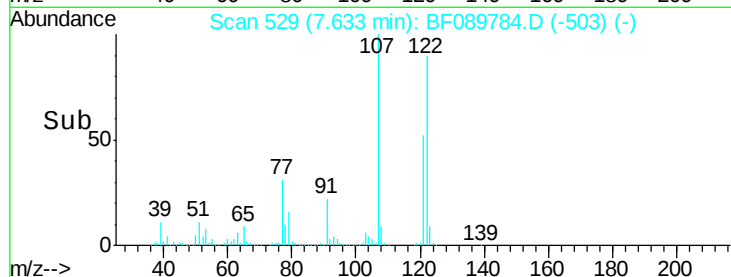
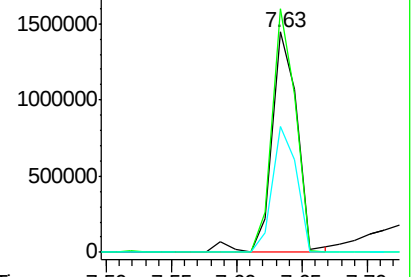
121 57.1 47.0 70.6



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: 38.03 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

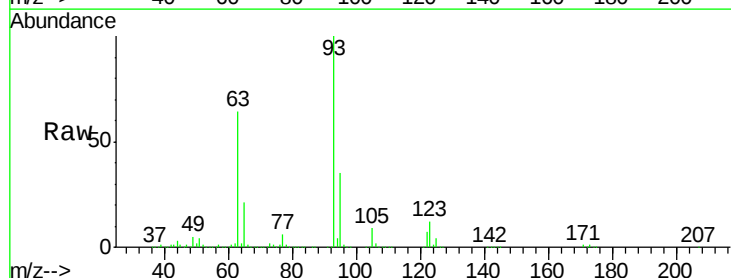
Tgt Ion: 93 Resp: 2431085

Ion Ratio Lower Upper

93 100

95 34.5 25.5 38.3

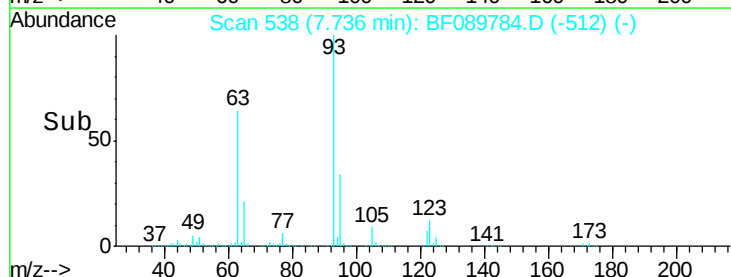
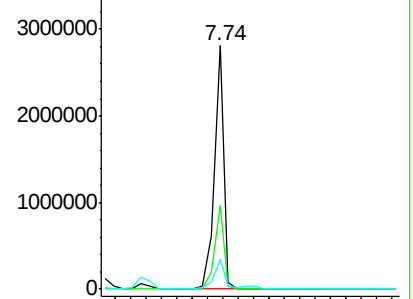
123 12.0 8.5 12.7

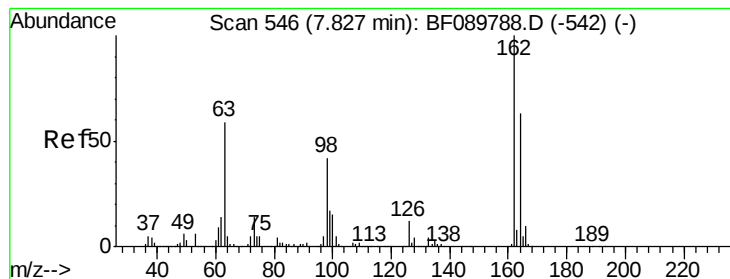


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.32 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

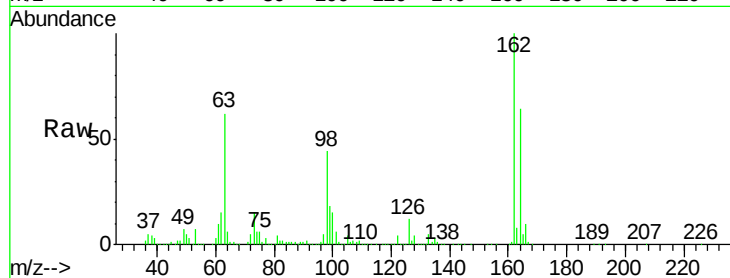
Tgt Ion:162 Resp: 1661953

Ion Ratio Lower Upper

162 100

164 63.7 45.5 85.5

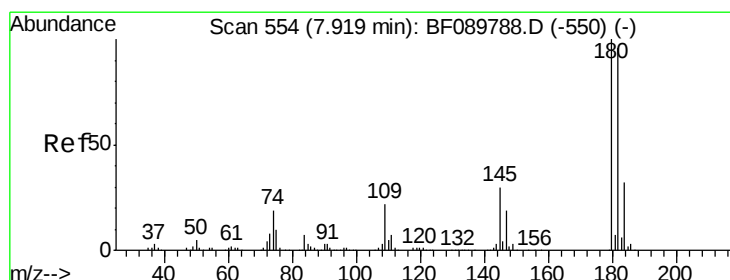
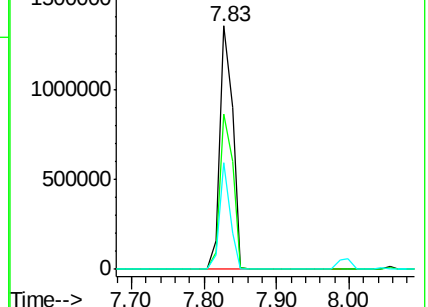
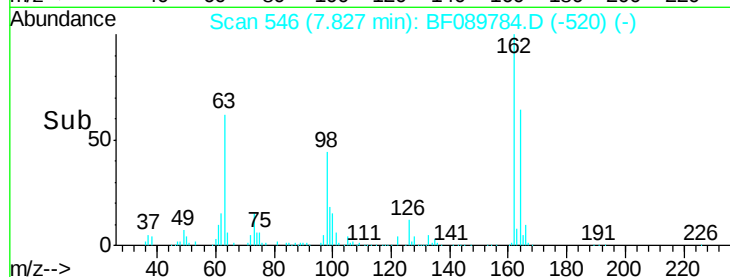
98 43.8 12.4 52.4



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: 39.68 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

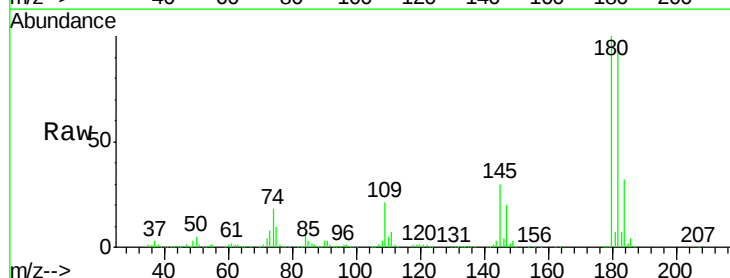
Tgt Ion:180 Resp: 1903413

Ion Ratio Lower Upper

180 100

182 96.4 75.5 113.3

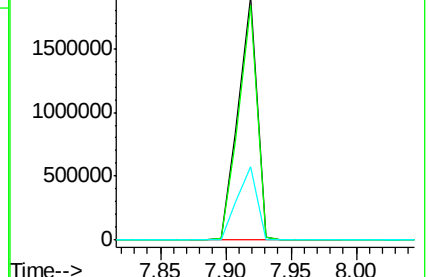
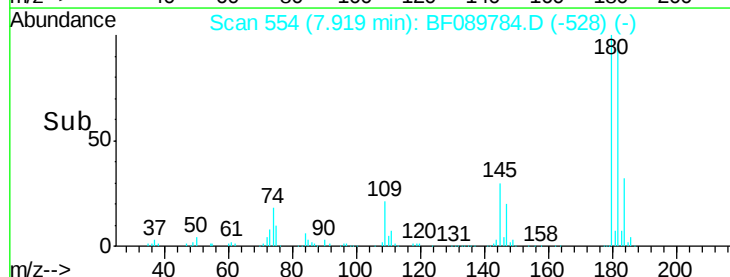
145 30.4 28.7 43.1

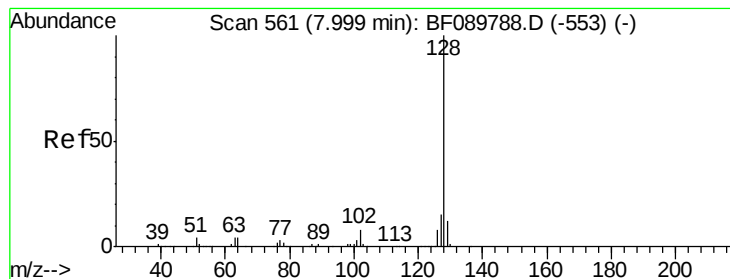


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.53 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

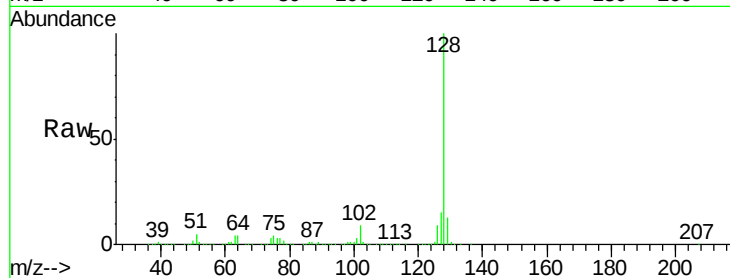
Tgt Ion:128 Resp: 5582639

Ion Ratio Lower Upper

128 100

129 12.8 9.5 14.3

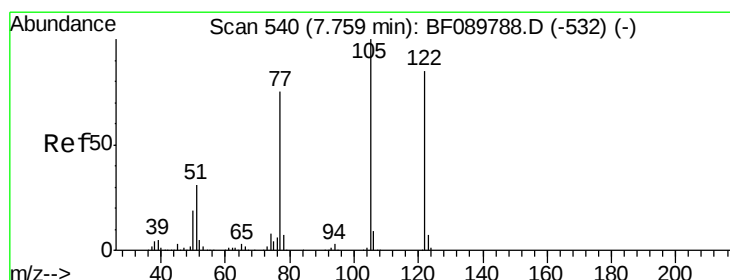
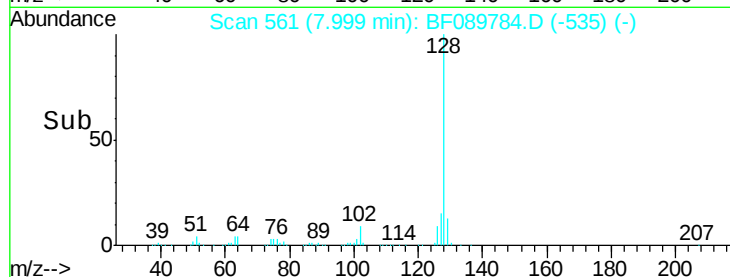
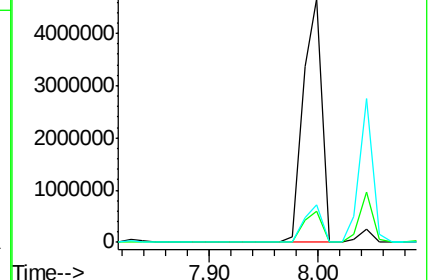
127 15.4 11.3 16.9



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: 42.89 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.02 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

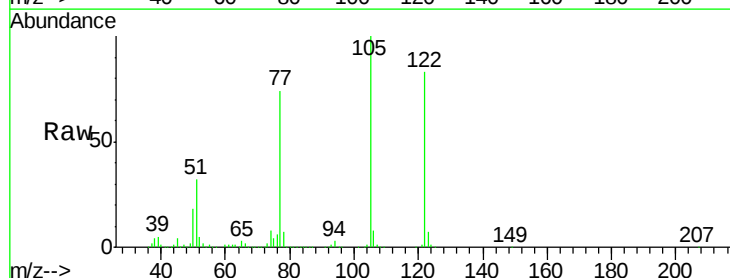
Tgt Ion:122 Resp: 1727332

Ion Ratio Lower Upper

122 100

105 120.6 100.8 140.8

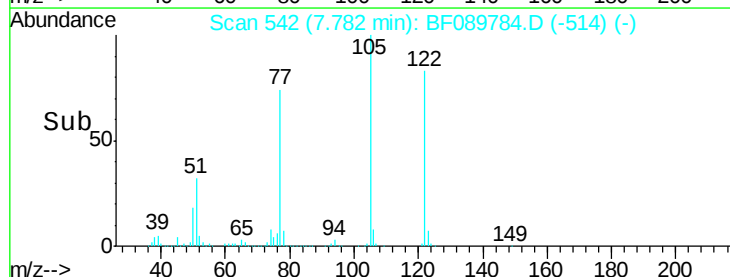
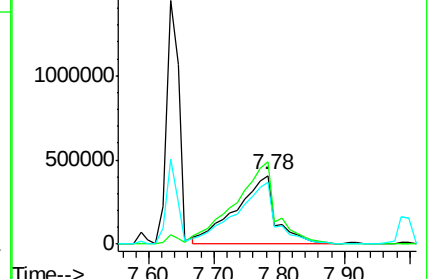
77 89.3 72.1 112.1

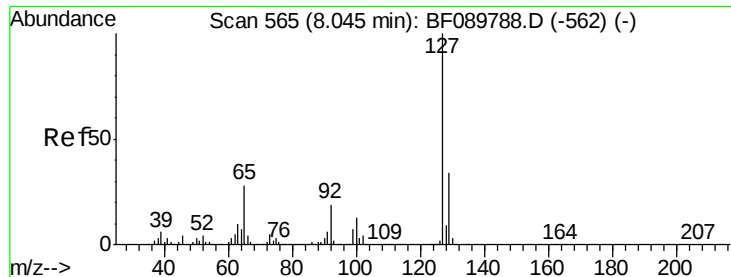


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

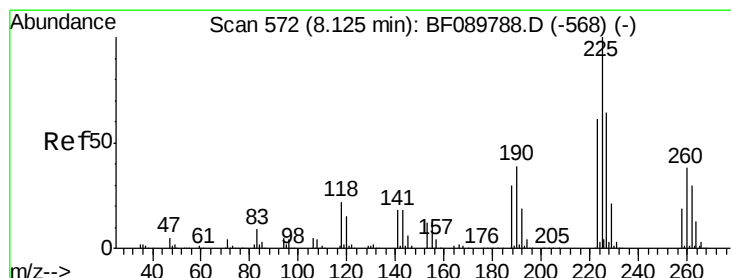
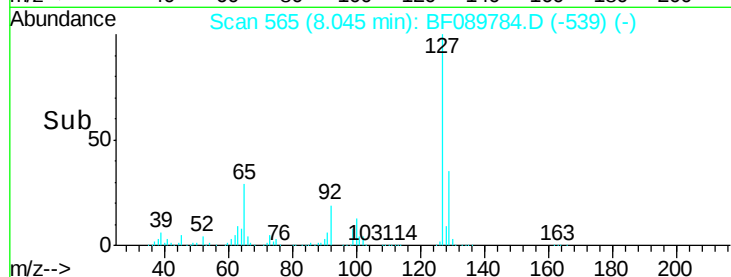
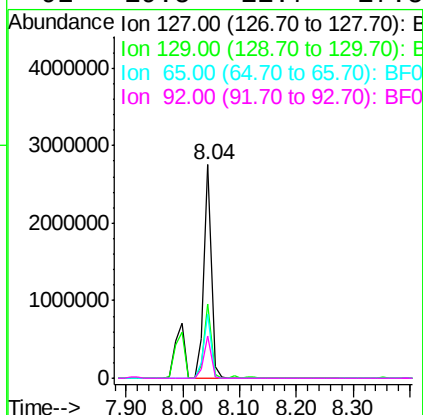
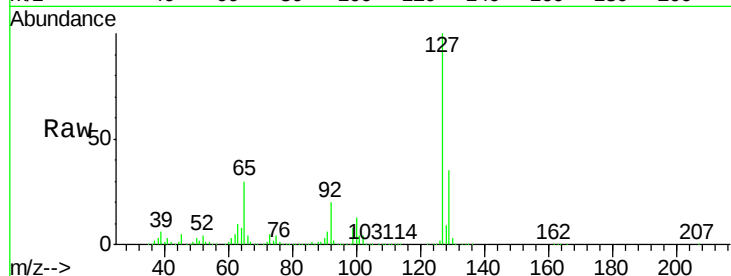




#33
4-Chloroaniline
Concen: 36.80 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

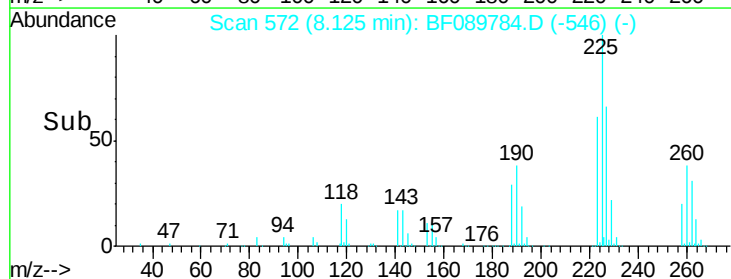
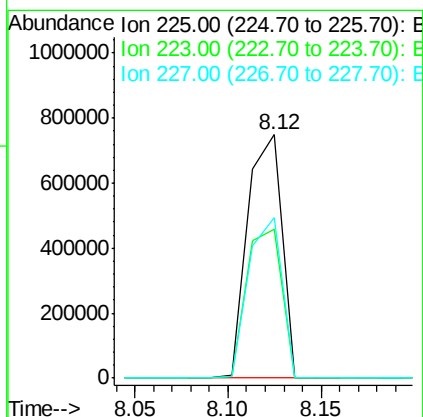
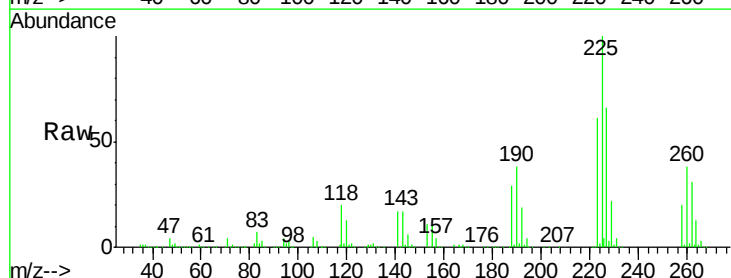
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

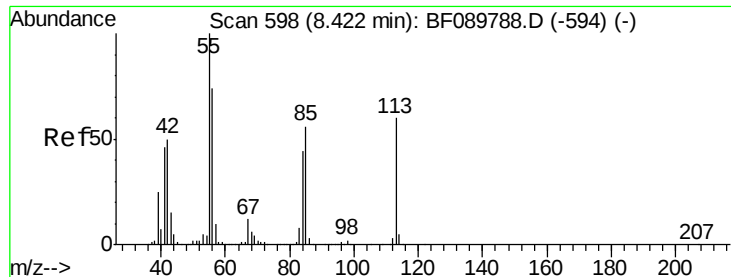
Tgt Ion:	127	Resp:	2372819
Ion	Ratio	Lower	Upper
127	100		
129	35.0	27.0	40.6
65	29.7	14.7	22.1#
92	19.5	11.7	17.5#



#34
Hexachlorobutadiene
Concen: 38.32 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:	225	Resp:	962652
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	65.8	49.8	74.6

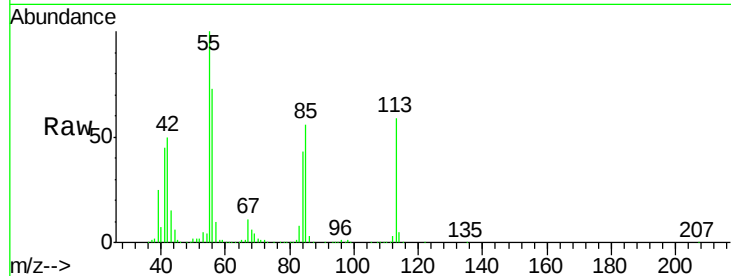




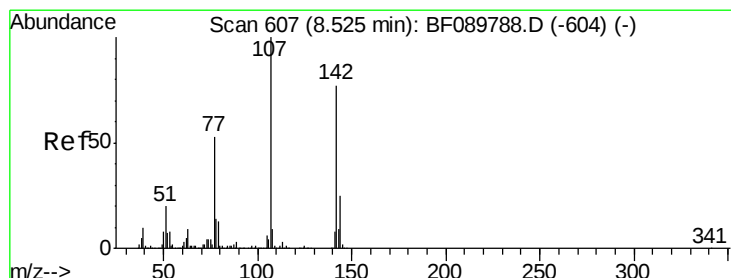
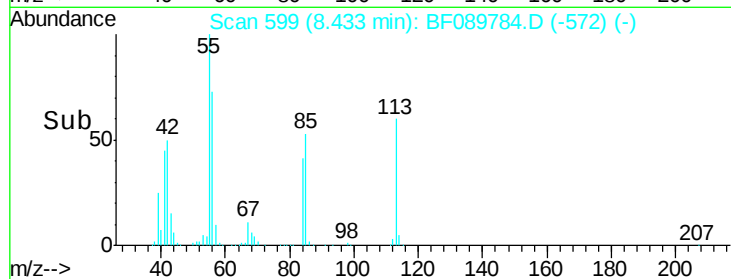
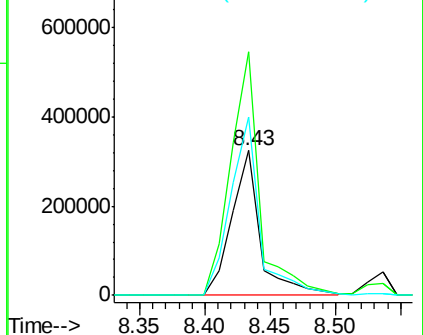
#35
 Caprolactam
 Concen: 37.41 ng
 RT: 8.43 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 494041
 Ion Ratio Lower Upper
 113 100
 55 168.2 135.9 175.9
 56 123.4 93.9 133.9

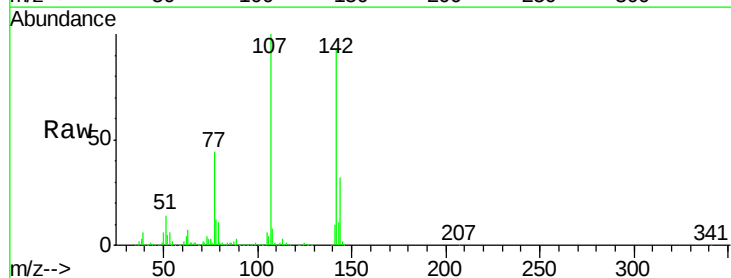


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

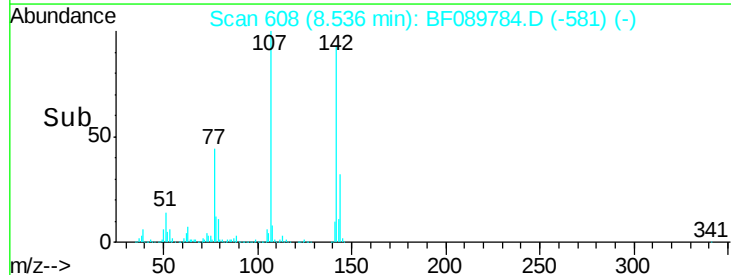
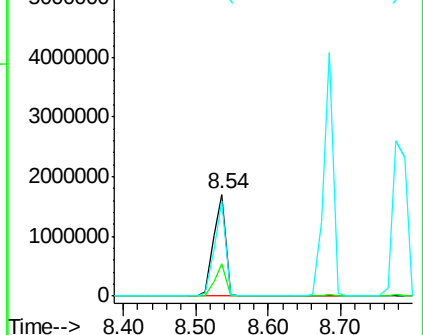


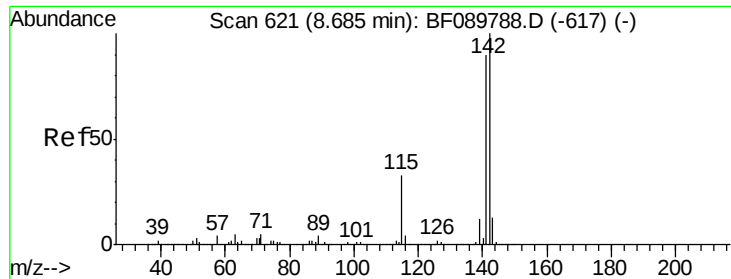
#36
 4-Chloro-3-methylphenol
 Concen: 41.63 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:107 Resp: 1955039
 Ion Ratio Lower Upper
 107 100
 144 31.5 22.6 34.0
 142 93.4 69.3 103.9



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

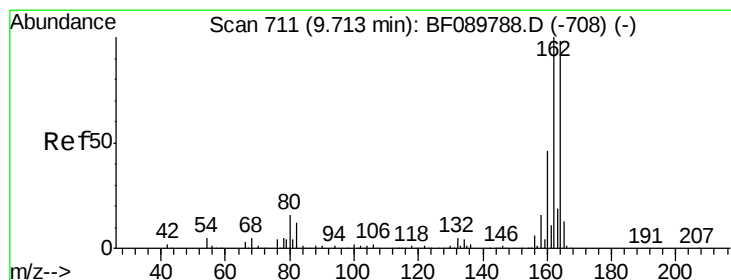
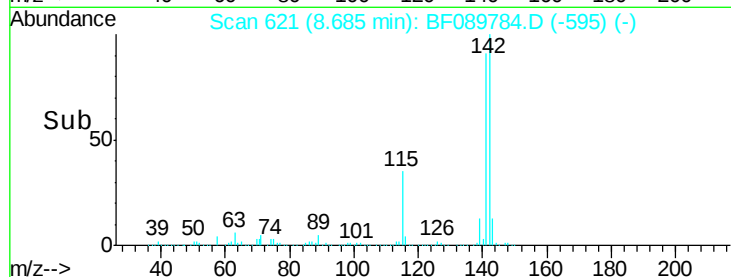
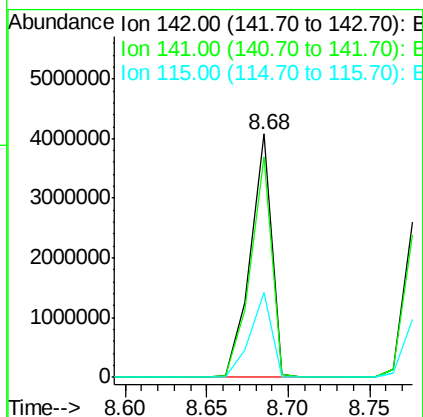
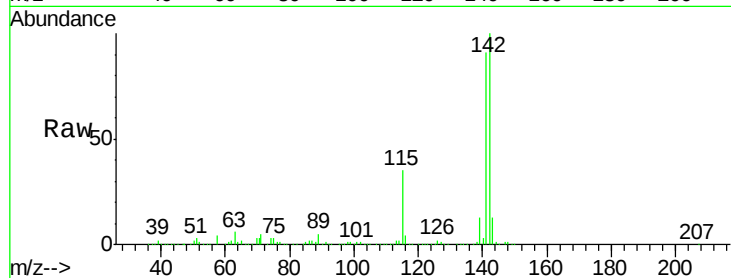




#37
 2-Methylnaphthalene
 Concen: 38.61 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

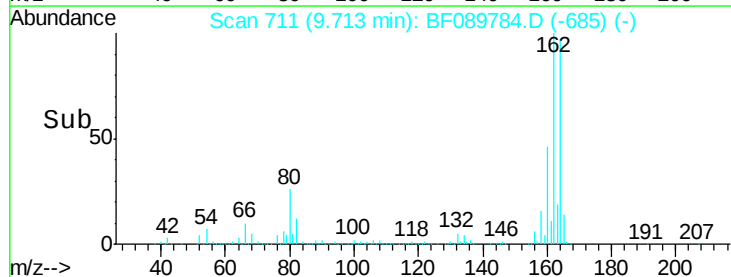
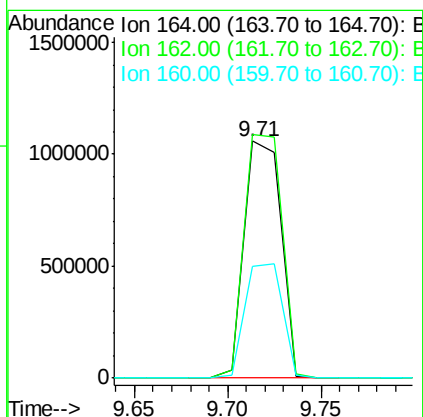
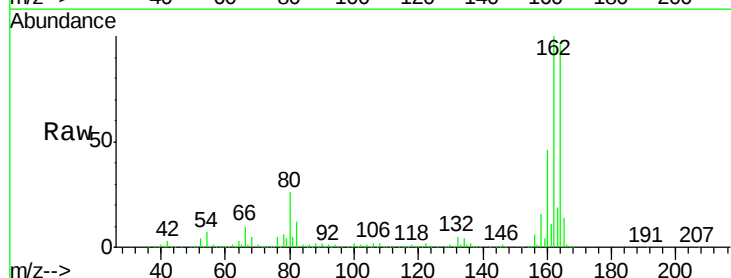
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

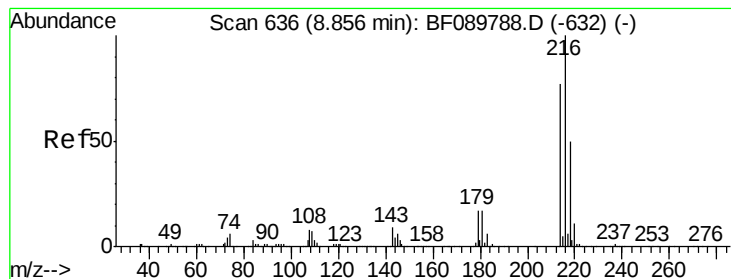
Tgt Ion:142 Resp: 3715160
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.4 107.2
 115 34.8 22.7 34.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:164 Resp: 1448229
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.4 122.2
 160 47.2 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.62 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 1811108

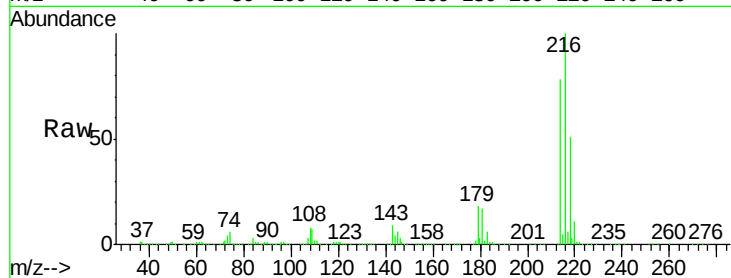
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 21.7 19.9 29.9

108 18.5 19.9 29.9#

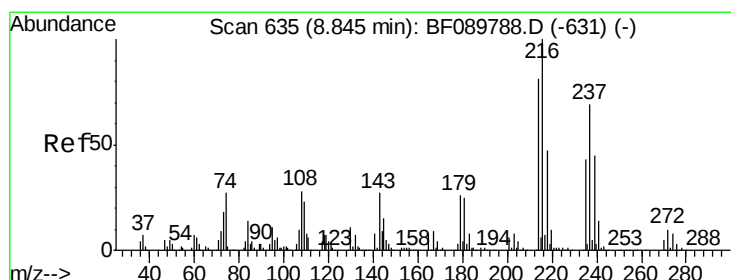
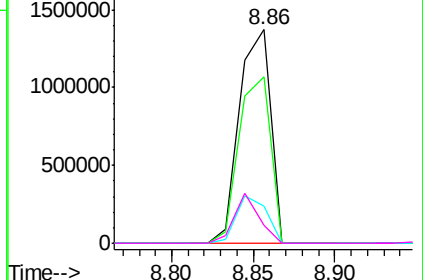
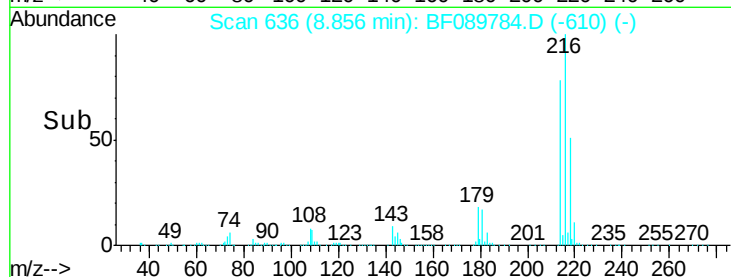


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.61 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

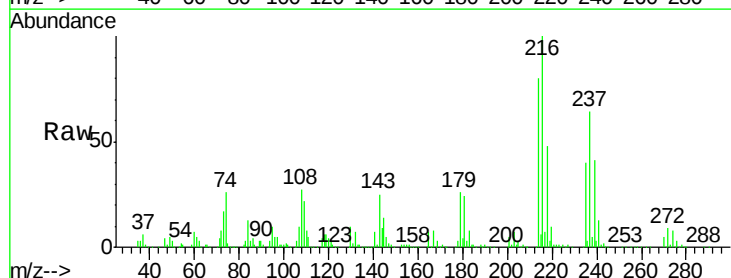
Tgt Ion:237 Resp: 693765

Ion Ratio Lower Upper

237 100

235 62.1 43.7 83.7

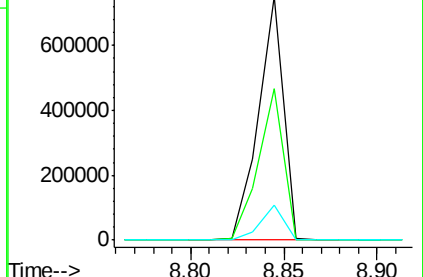
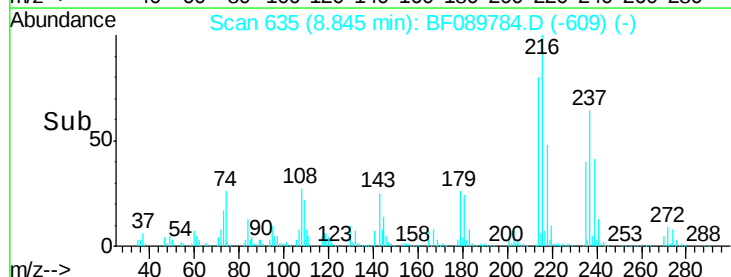
272 14.6 0.0 31.6

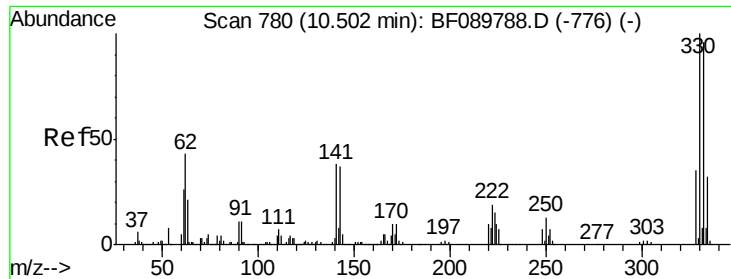


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

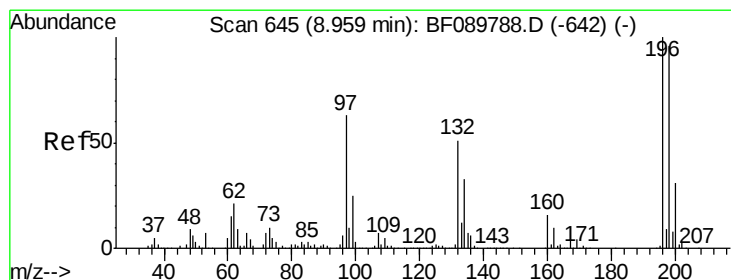
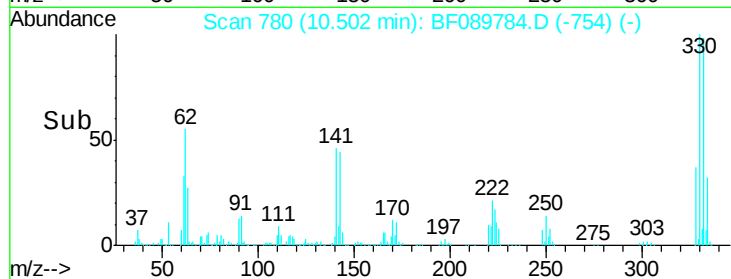
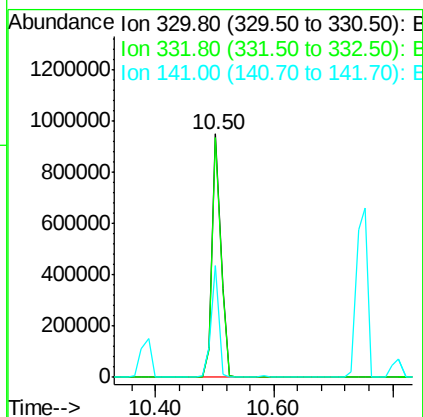
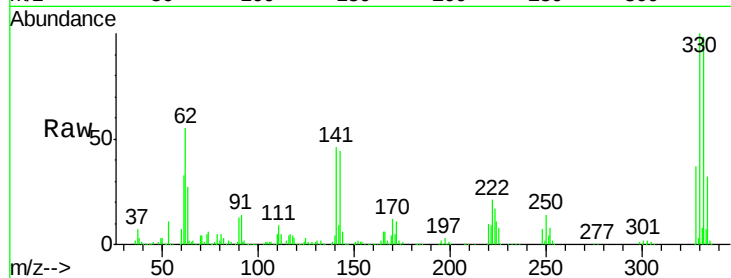




#41
 2,4,6-Tribromophenol
 Concen: 71.13 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

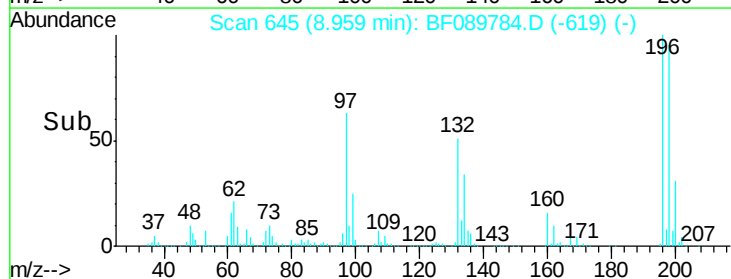
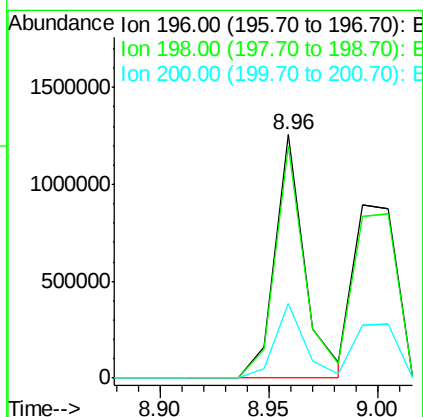
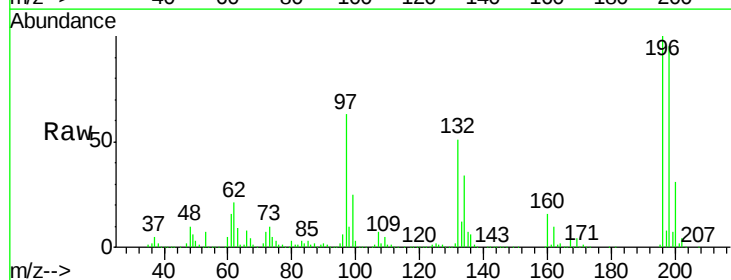
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

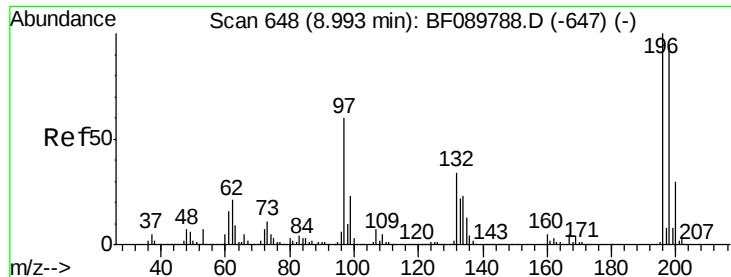
Tgt Ion:330 Resp: 979024
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.7 115.1
 141 40.5 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.71 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:196 Resp: 1201213
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.3 114.5
 200 30.9 24.6 36.8

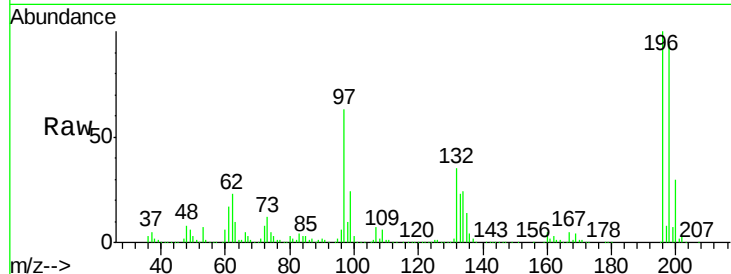




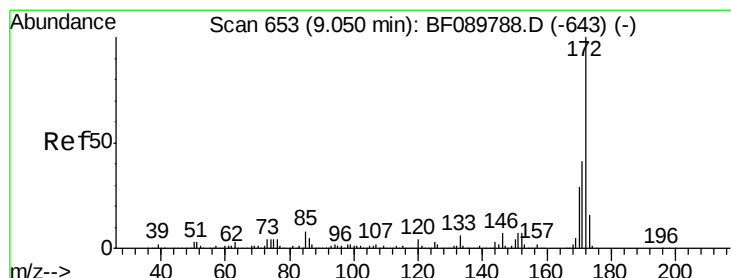
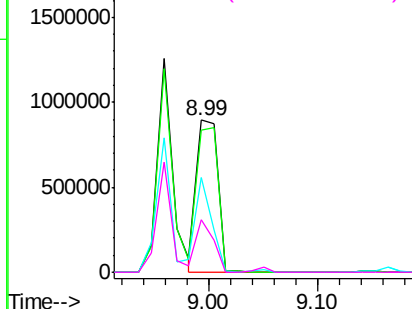
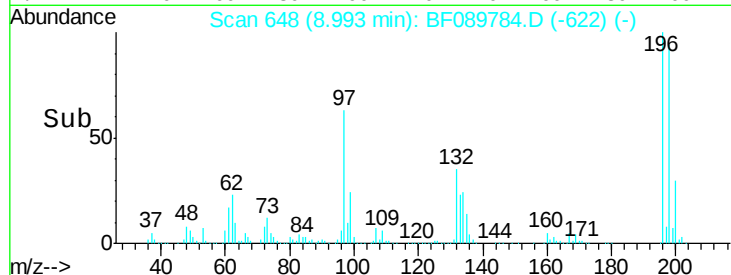
#43
 2,4,5-Trichlorophenol
 Concen: 41.73 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 1224459
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.6 114.8
 97 62.8 35.8 53.8#
 132 34.9 23.5 35.3

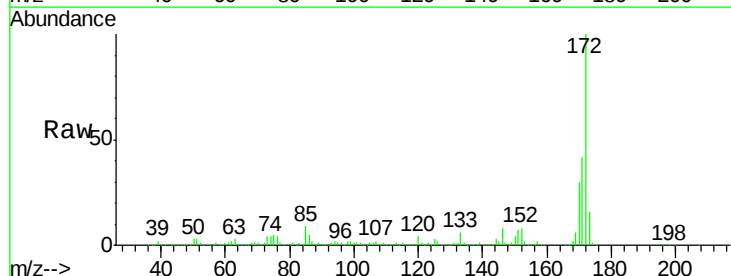


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

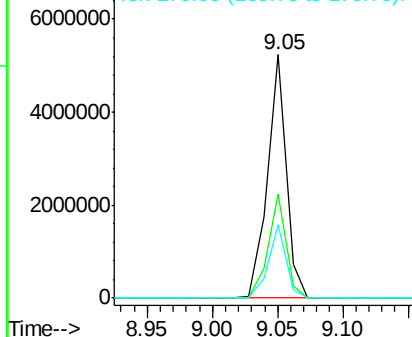
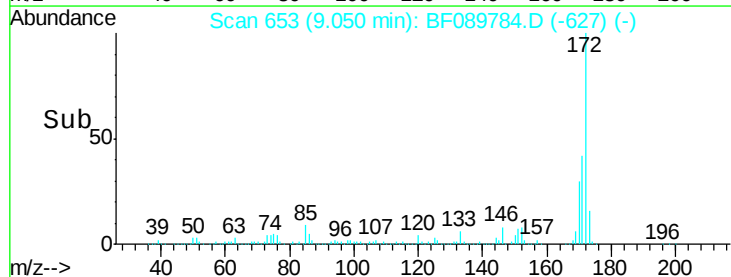


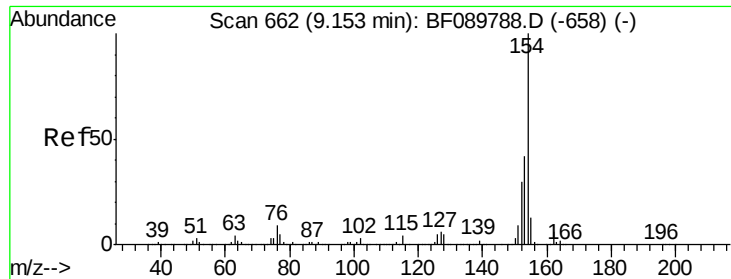
#44
 2-Fluorobiphenyl
 Concen: 64.67 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:172 Resp: 5328473
 Ion Ratio Lower Upper
 172 100
 171 42.5 30.5 45.7
 170 30.3 20.6 31.0



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

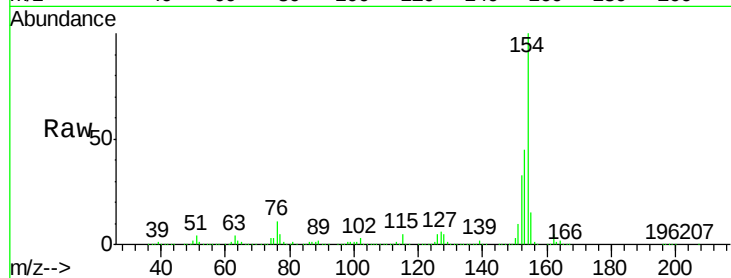




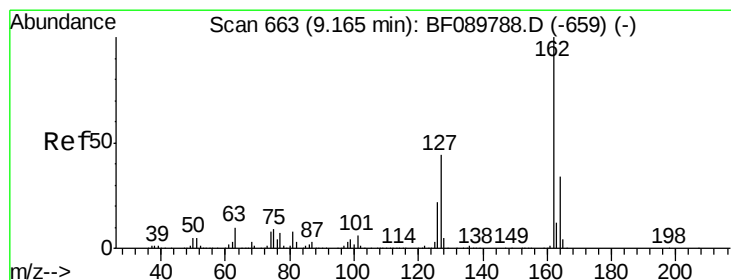
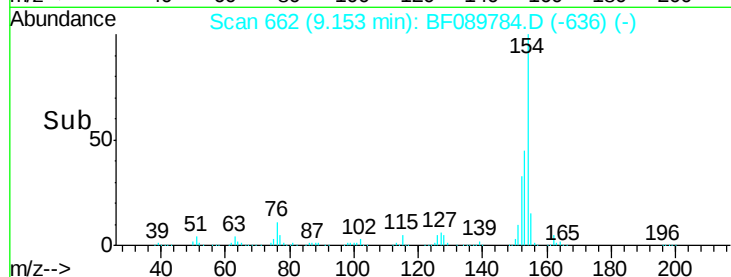
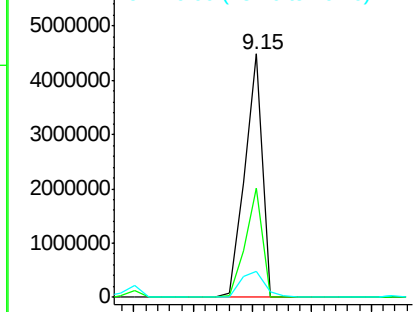
#45
 1,1'-Biphenyl
 Concen: 40.88 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 4581519
 Ion Ratio Lower Upper
 154 100
 153 44.9 21.5 61.5
 76 10.6 0.0 36.7

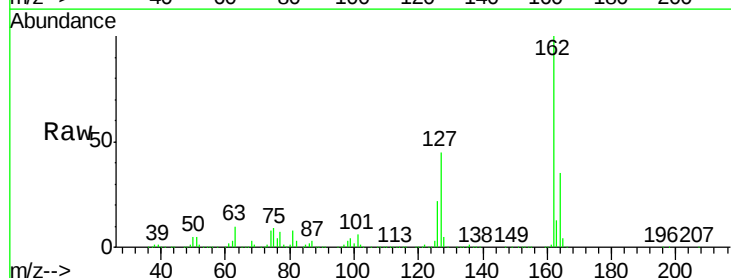


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

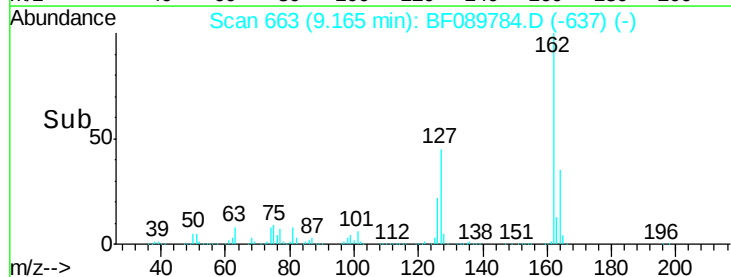
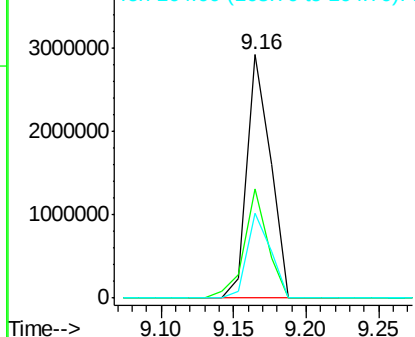


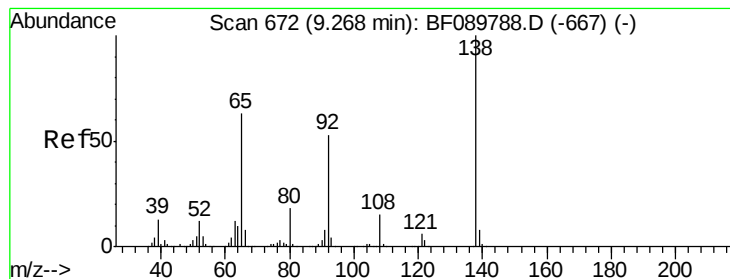
#46
 2-Chloronaphthalene
 Concen: 36.99 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:162 Resp: 3276933
 Ion Ratio Lower Upper
 162 100
 127 45.1 35.5 53.3
 164 35.0 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.60 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

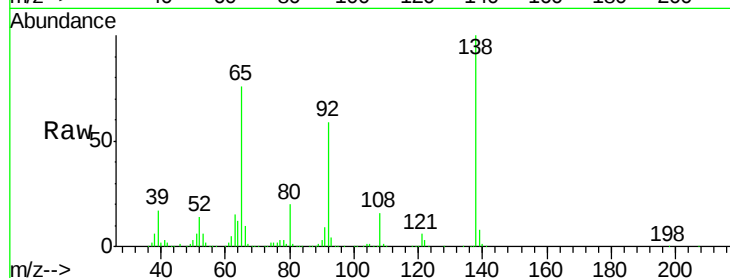
Tgt Ion: 65 Resp: 1228113

Ion Ratio Lower Upper

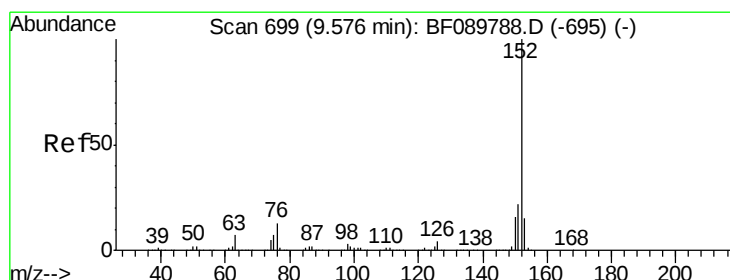
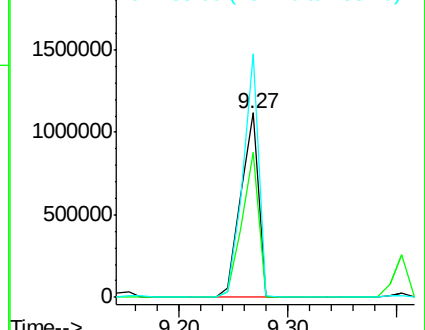
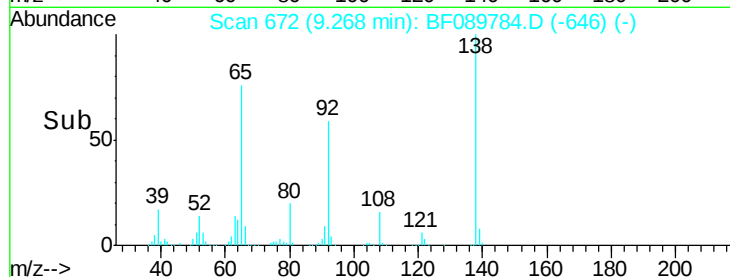
65 100

92 78.3 56.3 84.5

138 132.0 81.8 122.8#



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



#48

Acenaphthylene

Concen: 39.54 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

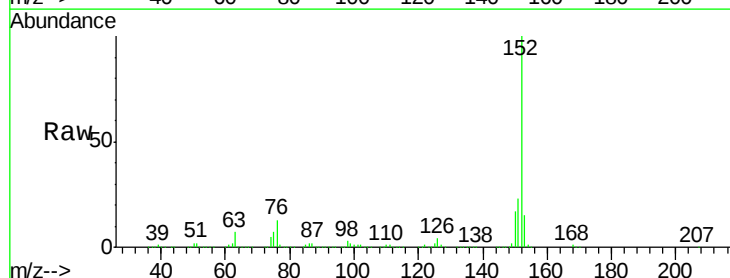
Tgt Ion: 152 Resp: 5264114

Ion Ratio Lower Upper

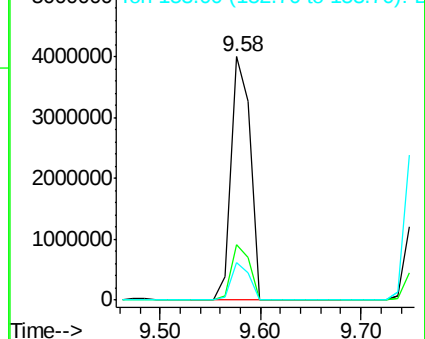
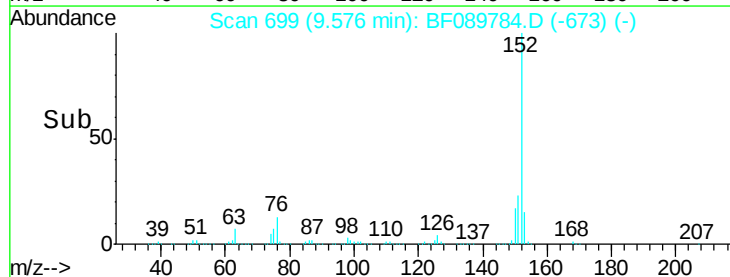
152 100

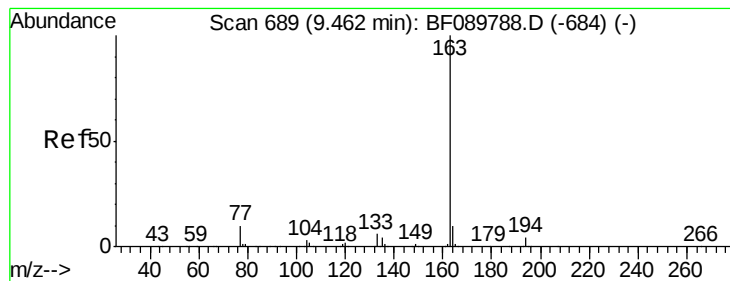
151 22.6 17.1 25.7

153 15.5 11.2 16.8



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





#49

Dimethylphthalate

Concen: 40.97 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

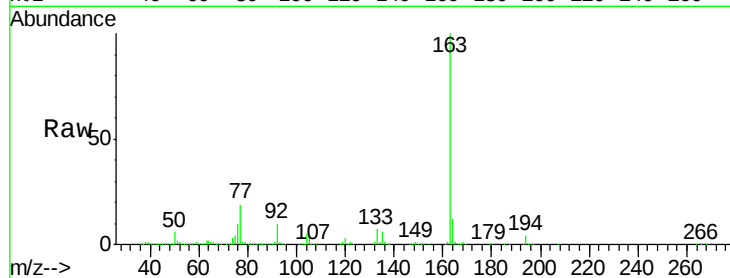
Tgt Ion:163 Resp: 4178165

Ion Ratio Lower Upper

163 100

194 4.0 2.6 3.8#

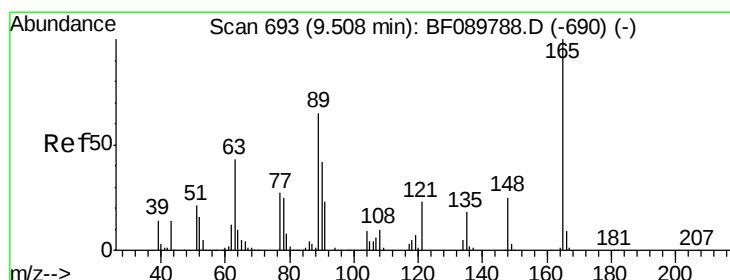
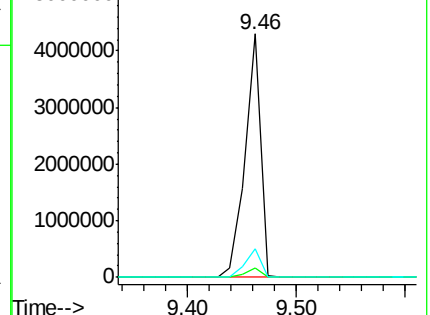
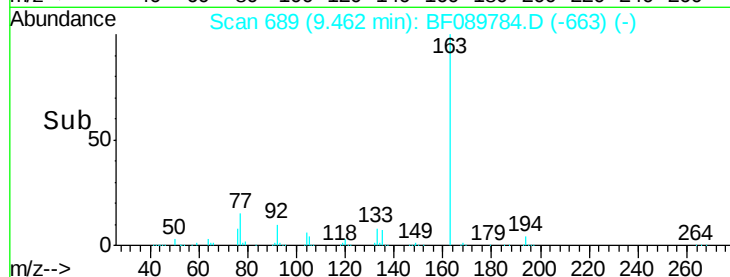
164 11.8 8.6 12.8



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: 38.66 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

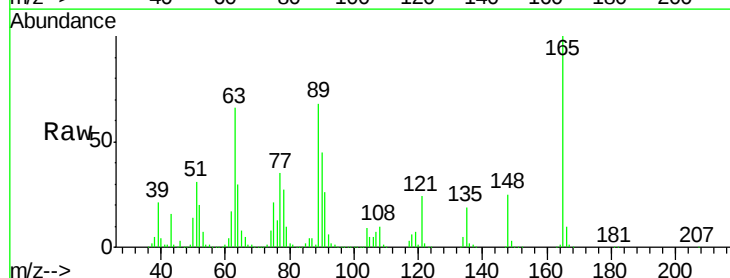
Tgt Ion:165 Resp: 910253

Ion Ratio Lower Upper

165 100

63 66.3 41.7 62.5#

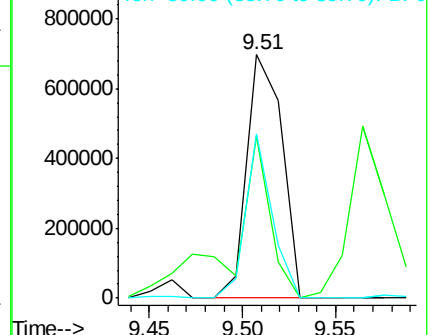
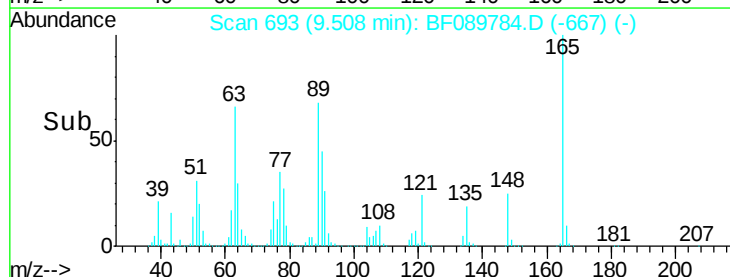
89 67.7 44.6 67.0#

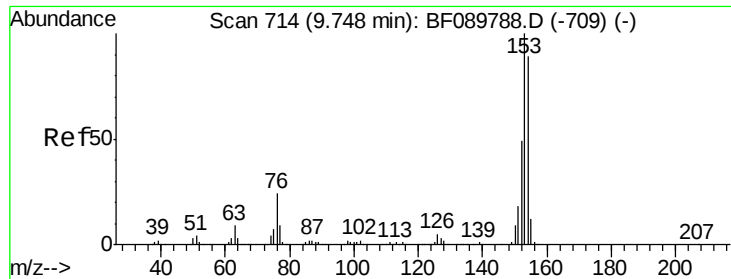


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.97 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

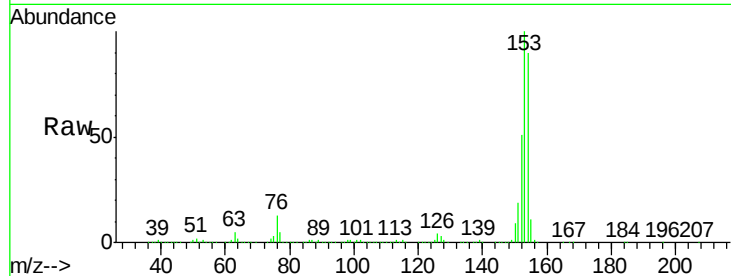
Tgt Ion:154 Resp: 3697478

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

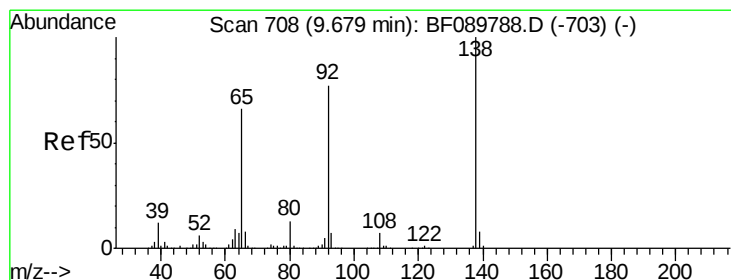
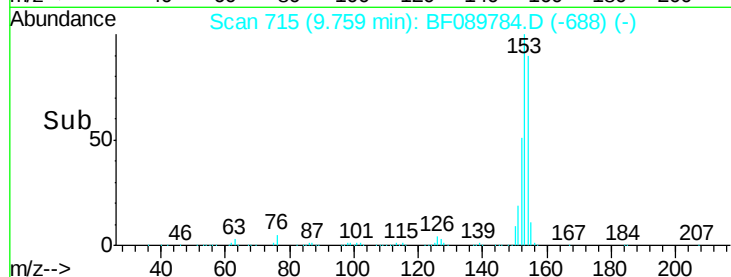
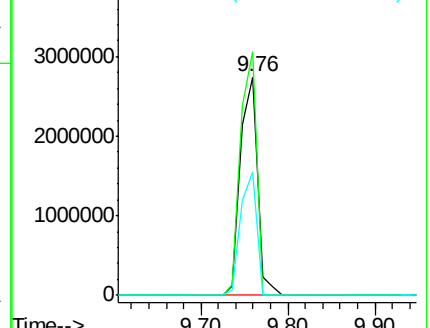
152 56.7 44.6 67.0



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: 46.80 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

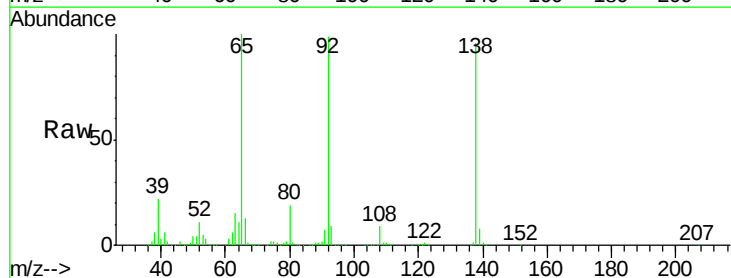
Tgt Ion:138 Resp: 1220699

Ion Ratio Lower Upper

138 100

108 9.4 8.1 12.1

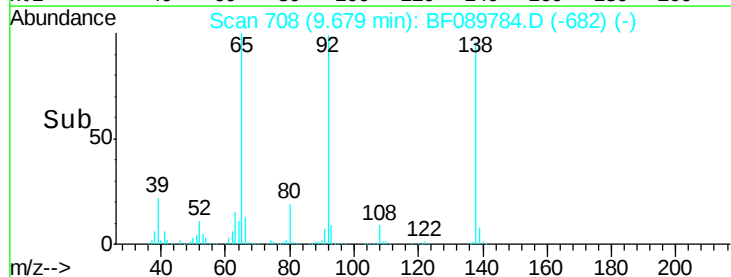
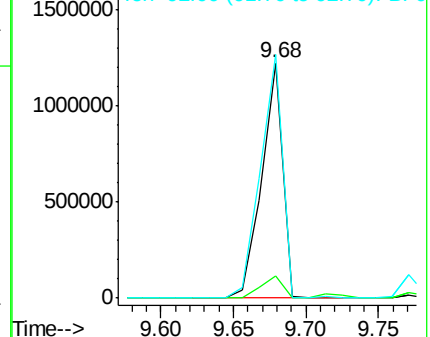
92 103.7 92.7 139.1

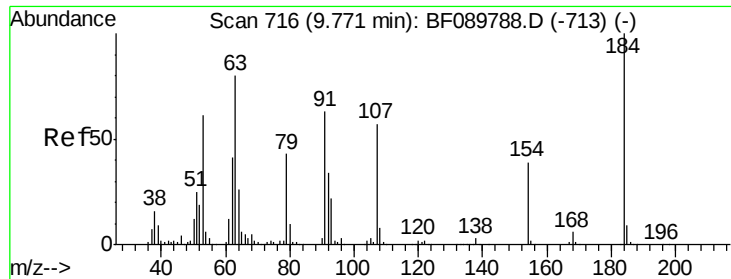


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

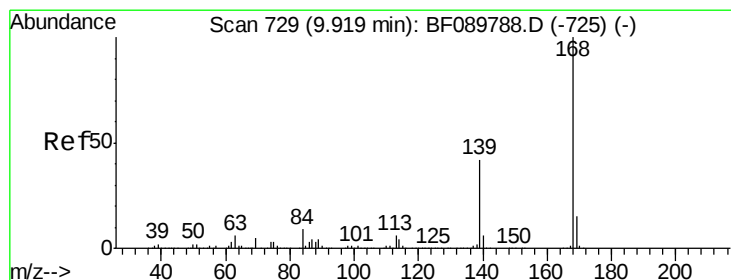
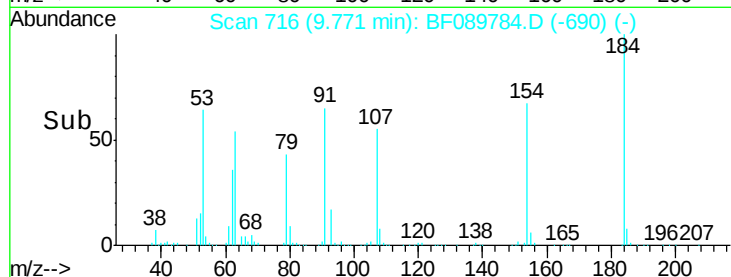
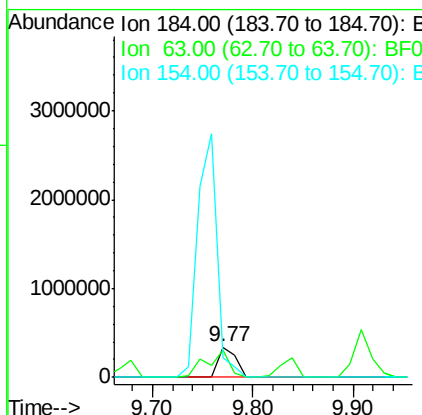
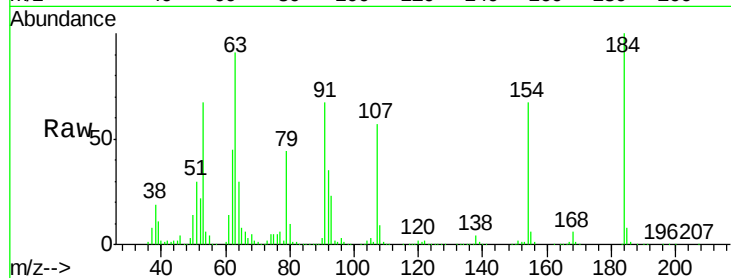




#53
2,4-Dinitrophenol
Concen: 39.20 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

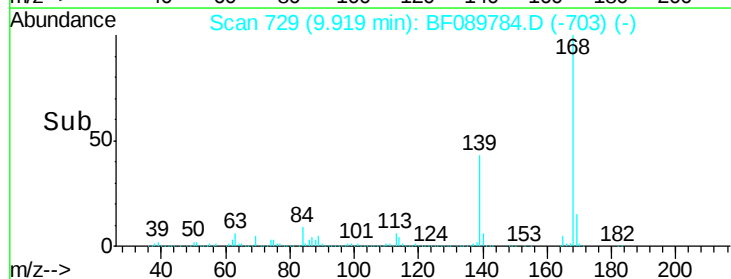
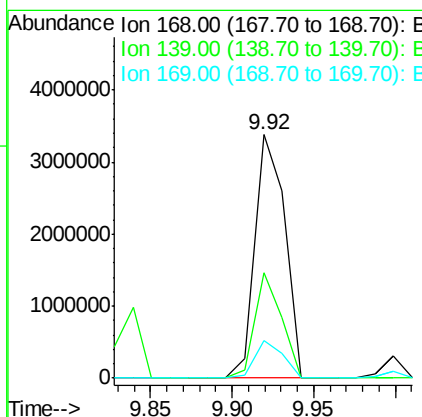
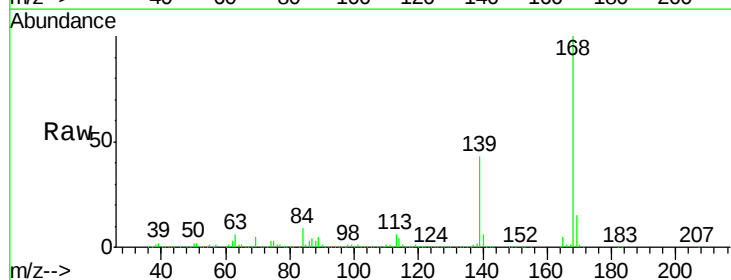
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

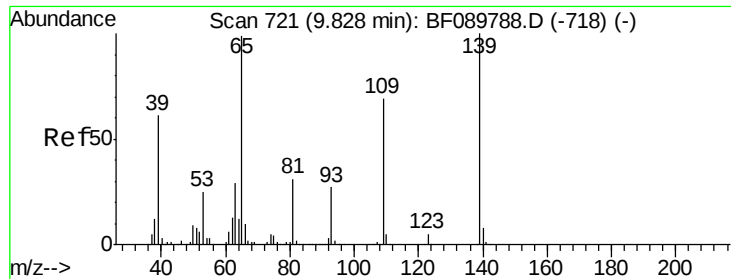
Tgt Ion:184 Resp: 416296
Ion Ratio Lower Upper
184 100
63 91.4 54.2 81.4#
154 67.0 52.7 79.1



#54
Dibenzofuran
Concen: 38.78 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:168 Resp: 4291243
Ion Ratio Lower Upper
168 100
139 43.2 34.6 52.0
169 15.4 11.5 17.3

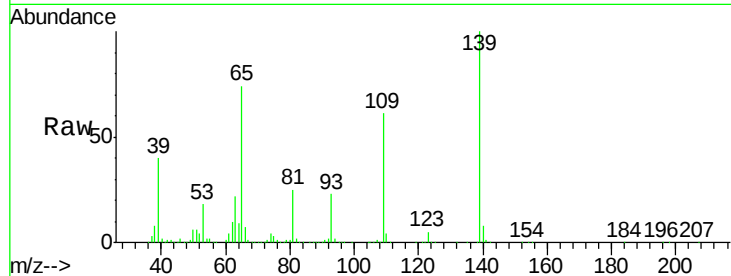




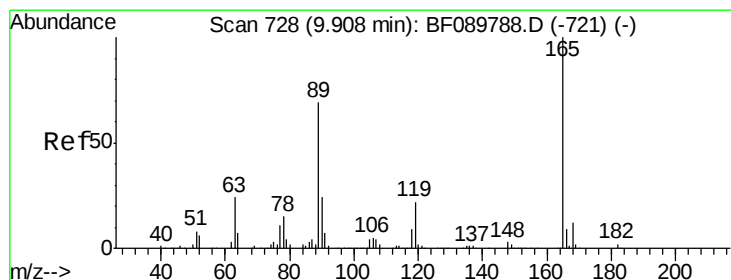
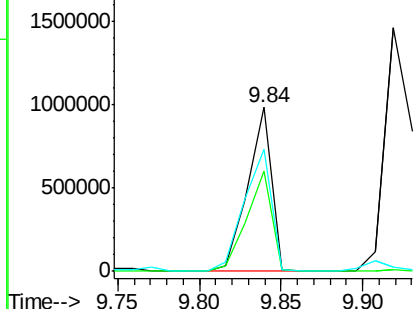
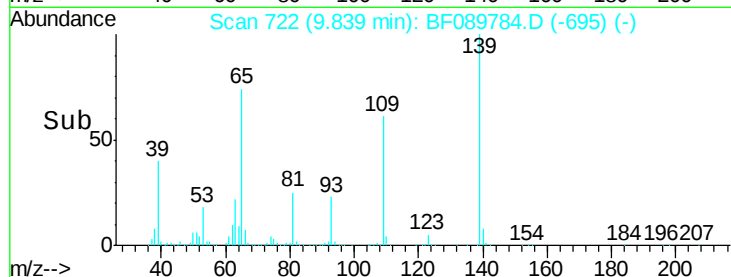
#55
4-Nitrophenol
Concen: 47.37 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 1008539
Ion Ratio Lower Upper
139 100
109 61.4 43.0 83.0
65 74.4 55.7 95.7

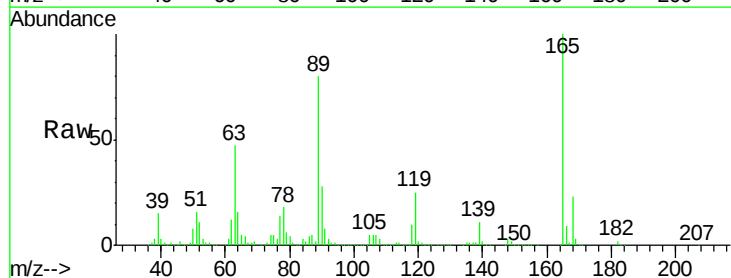


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

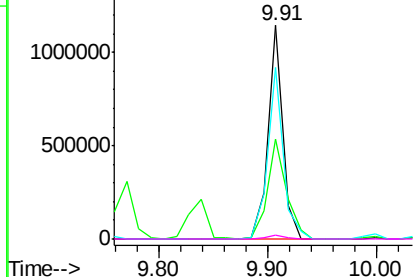
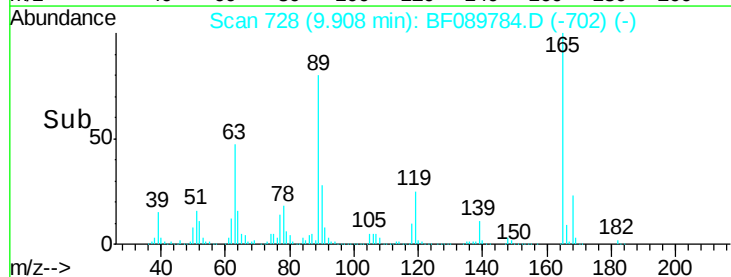


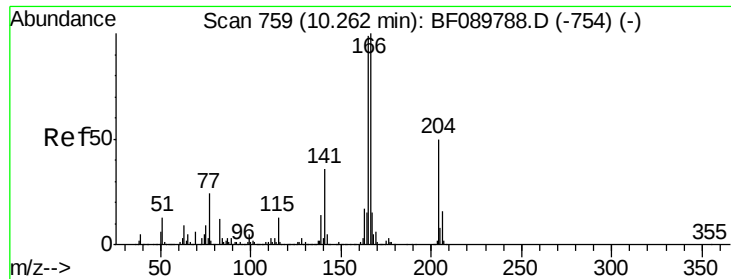
#56
2,4-Dinitrotoluene
Concen: 35.49 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:165 Resp: 1084125
Ion Ratio Lower Upper
165 100
63 46.6 23.7 35.5#
89 80.2 44.0 66.0#
182 1.9 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

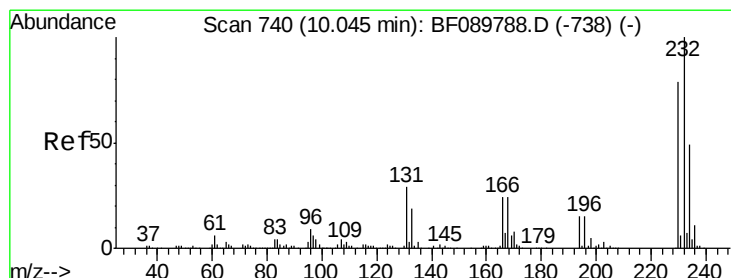
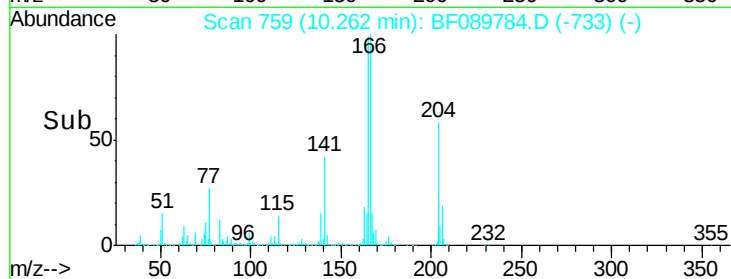
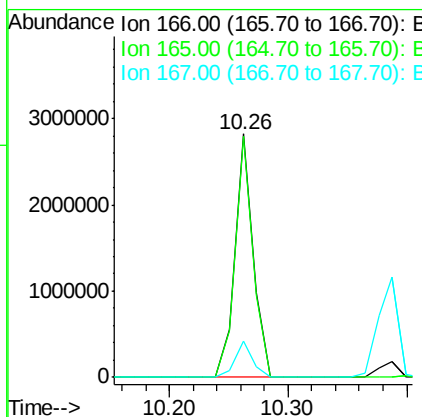
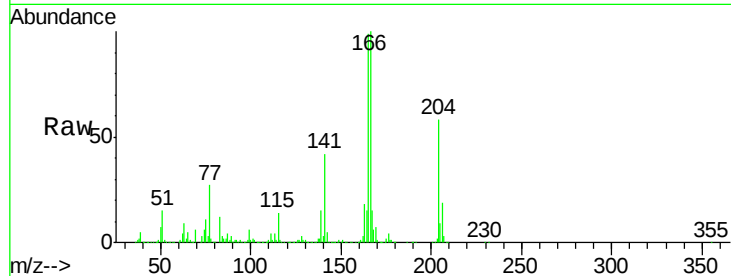




#57
Fluorene
 Concen: 34.09 ng
 RT: 10.26 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

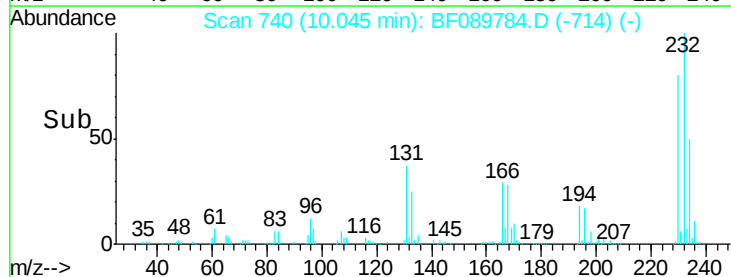
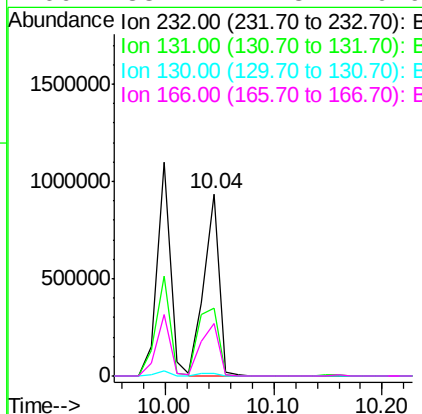
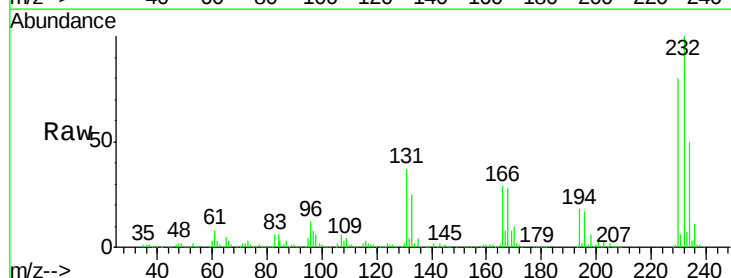
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

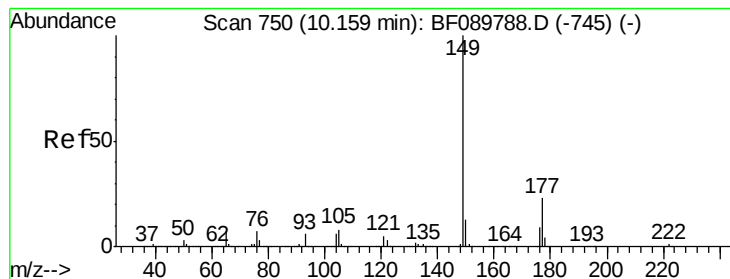
Tgt Ion:166 Resp: 3006455
 Ion Ratio Lower Upper
 166 100
 165 99.3 80.2 120.4
 167 14.7 11.3 16.9



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.17 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:232 Resp: 921993
 Ion Ratio Lower Upper
 232 100
 131 50.1 42.5 63.7
 130 2.3 2.2 3.4
 166 33.7 27.3 40.9





#59

Diethylphthalate

Concen: 40.36 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

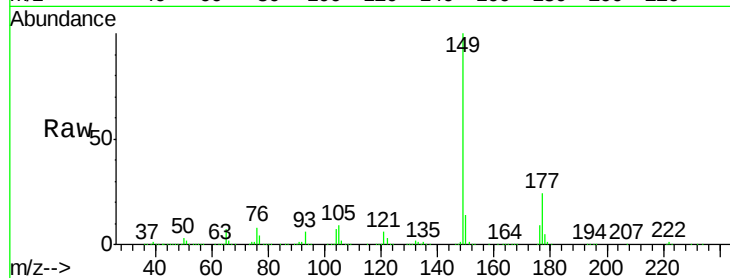
Tgt Ion:149 Resp: 4180635

Ion Ratio Lower Upper

149 100

177 24.3 16.6 25.0

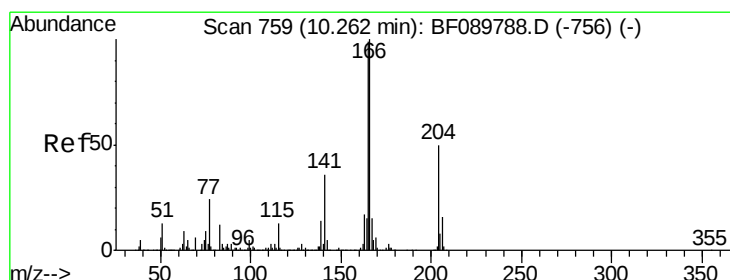
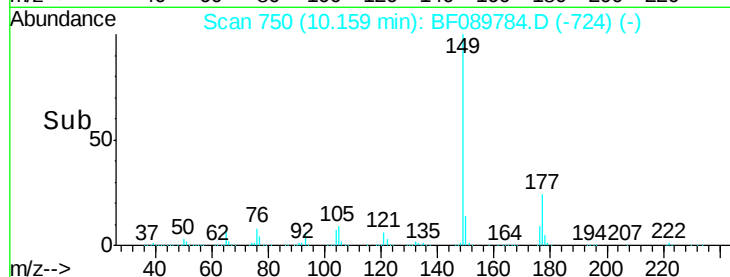
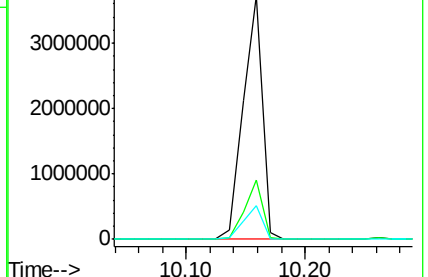
150 13.7 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.31 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

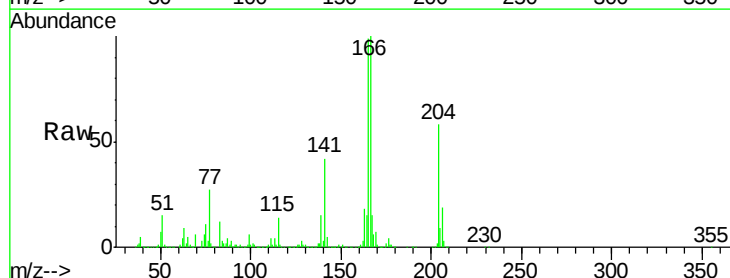
Tgt Ion:204 Resp: 1380439

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

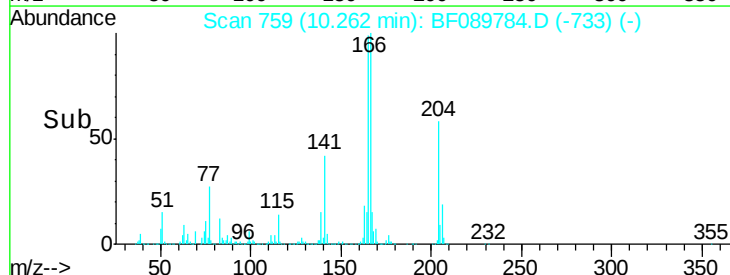
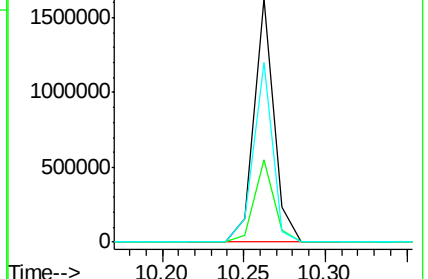
141 73.6 54.1 81.1

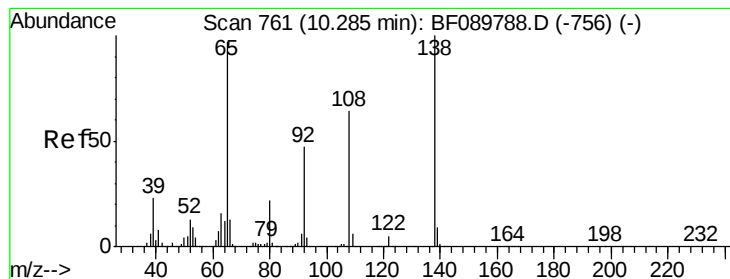


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.20 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

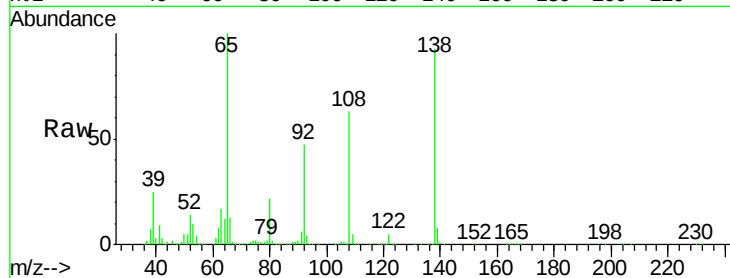
Tgt Ion:138 Resp: 1080854

Ion Ratio Lower Upper

138 100

92 50.7 26.4 66.4

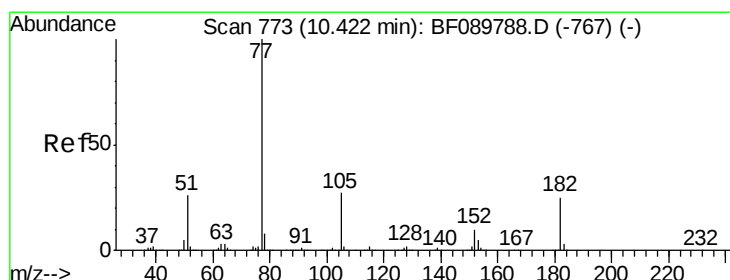
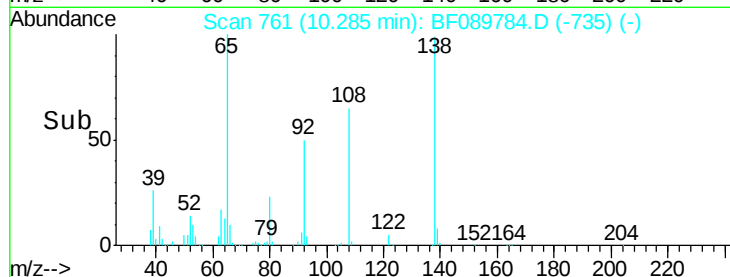
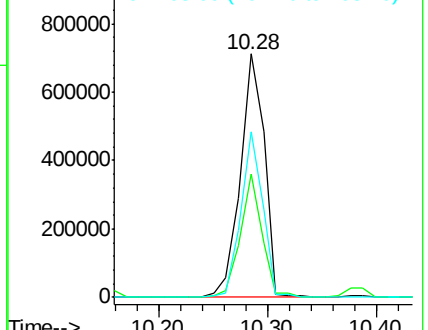
108 68.0 47.0 87.0



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: 39.90 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Tgt Ion: 77 Resp: 3886015

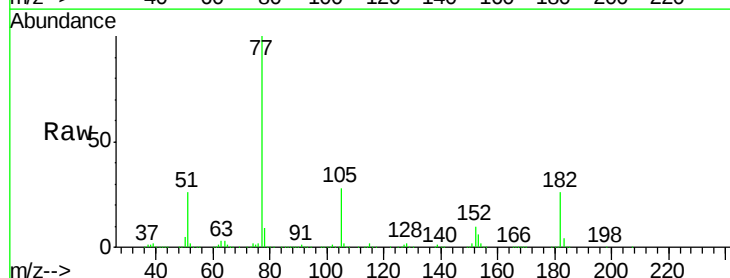
Ion Ratio Lower Upper

77 100

182 26.0 5.6 45.6

105 27.9 4.0 44.0

51 26.0 7.8 47.8

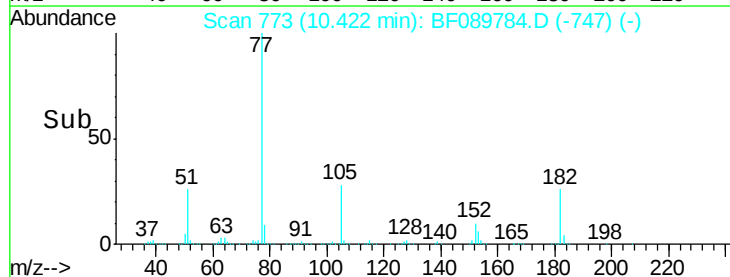
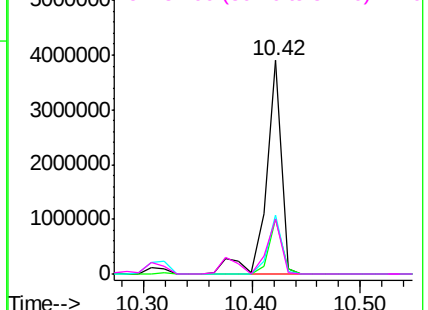


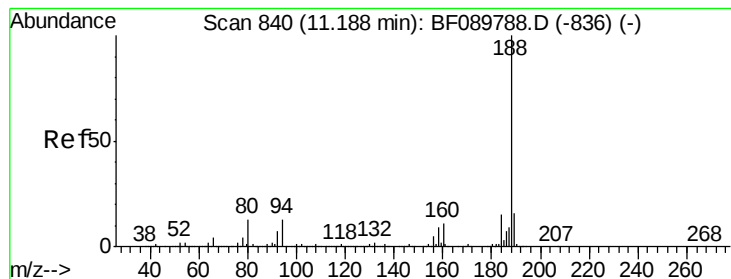
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

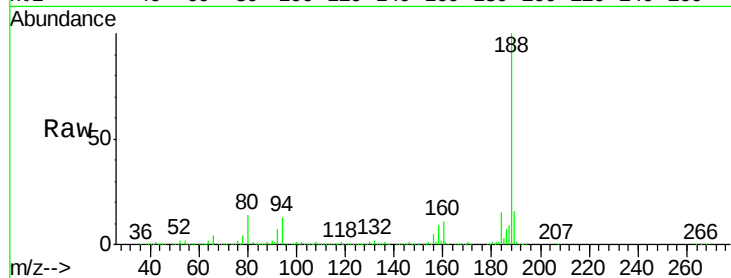
Tgt Ion:188 Resp: 2584879

Ion Ratio Lower Upper

188 100

94 12.9 10.2 15.2

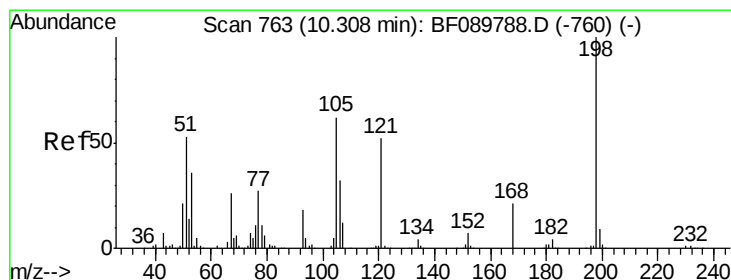
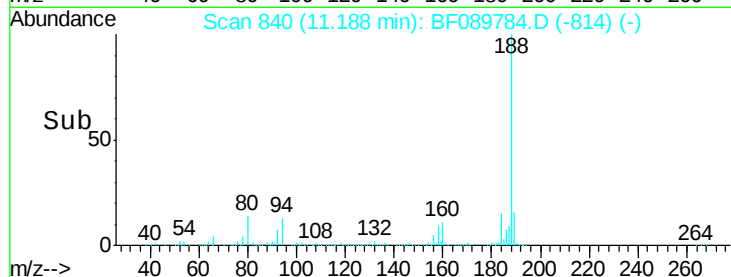
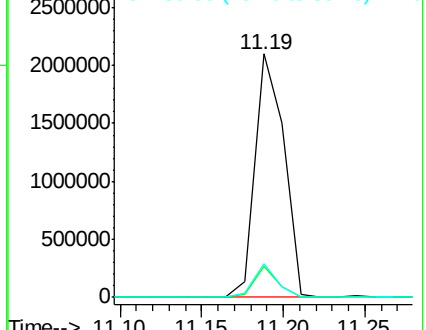
80 13.8 10.9 16.3



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: 46.41 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

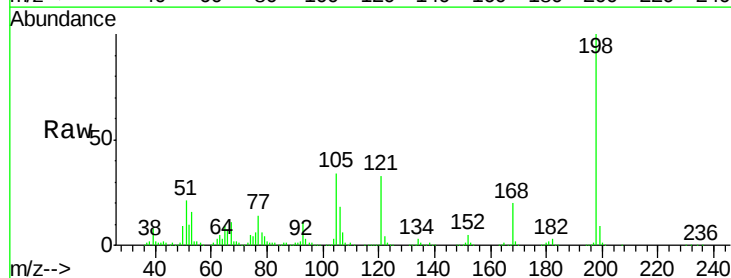
Tgt Ion:198 Resp: 689348

Ion Ratio Lower Upper

198 100

51 20.9 32.3 72.3#

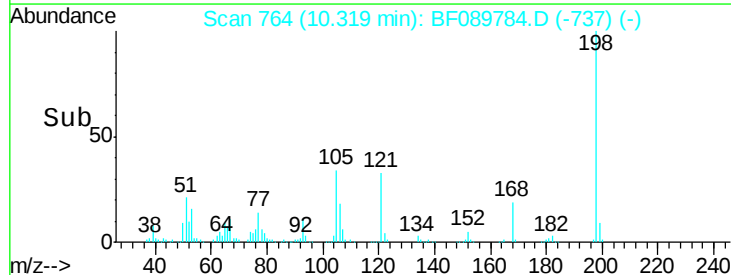
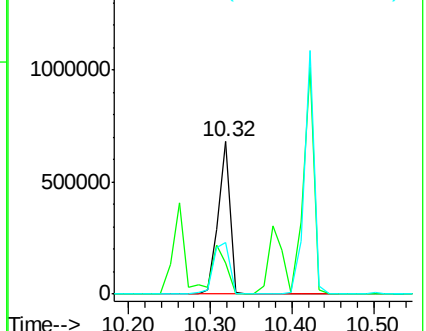
105 33.8 32.9 72.9

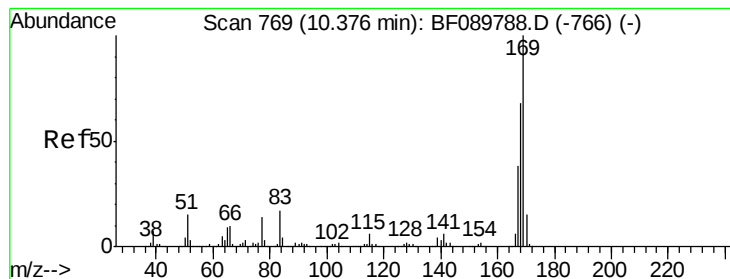


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.78 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

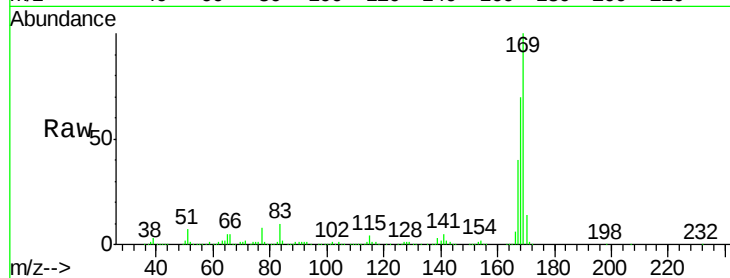
Tgt Ion:169 Resp: 3395675

Ion Ratio Lower Upper

169 100

168 69.8 54.6 82.0

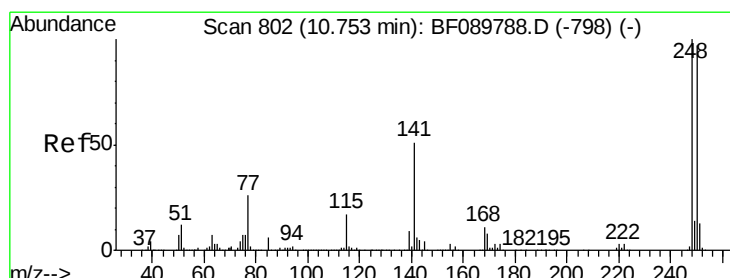
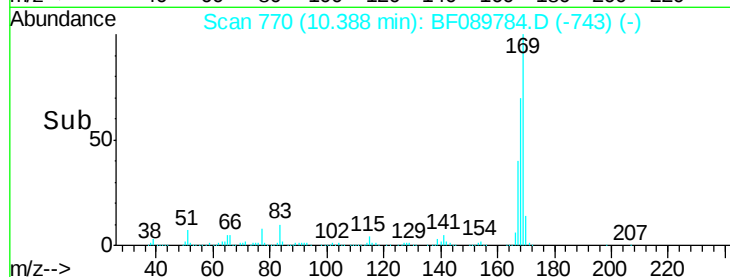
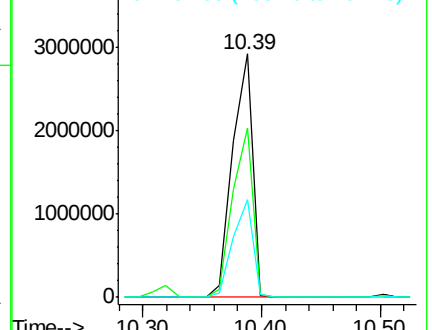
167 40.0 30.6 45.8



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: 42.03 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

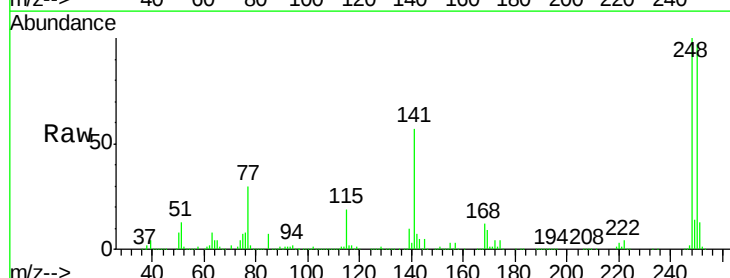
Tgt Ion:248 Resp: 1138943

Ion Ratio Lower Upper

248 100

250 97.3 78.6 117.8

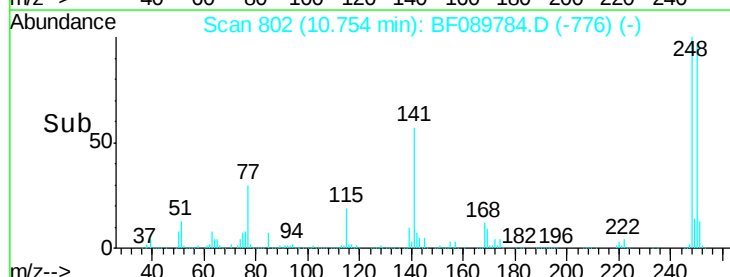
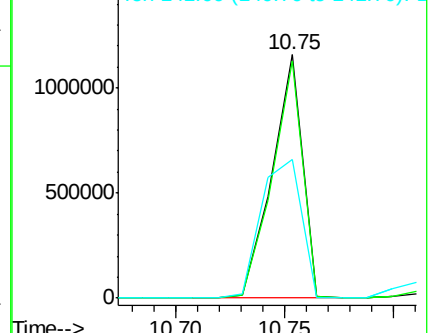
141 57.0 31.4 47.2#

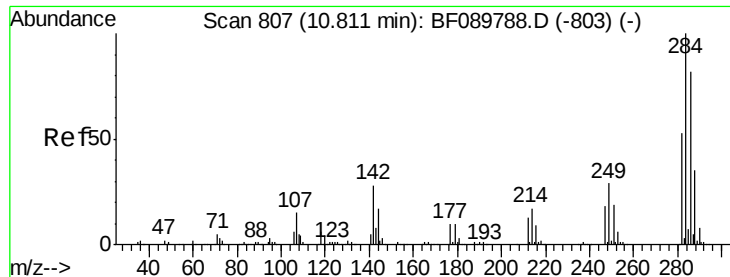


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

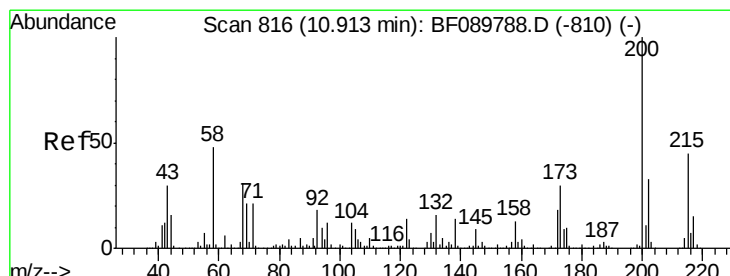
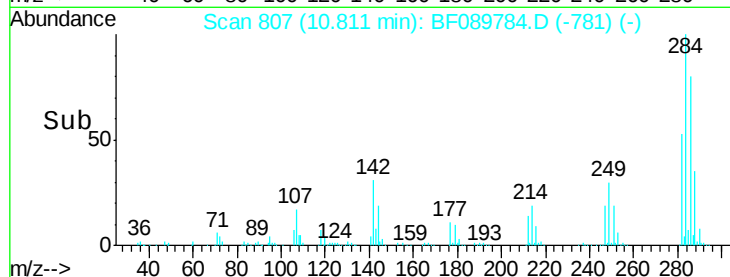
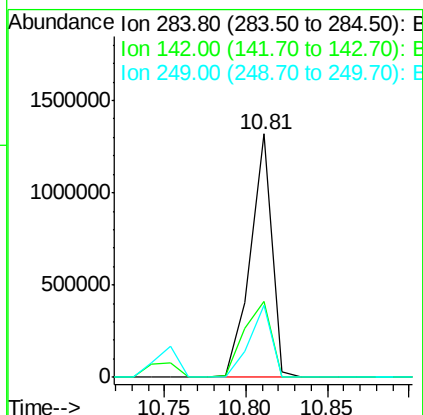
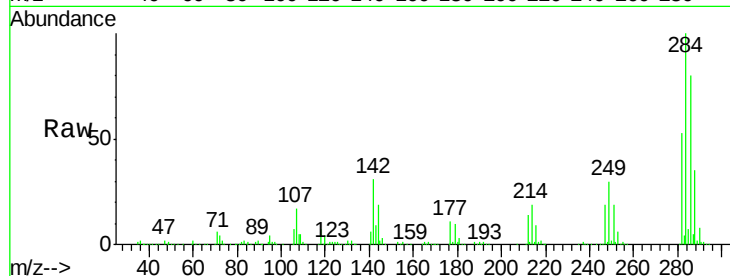




#67
Hexachlorobenzene
Concen: 39.22 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

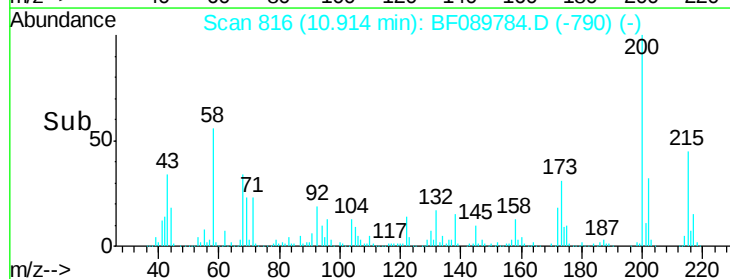
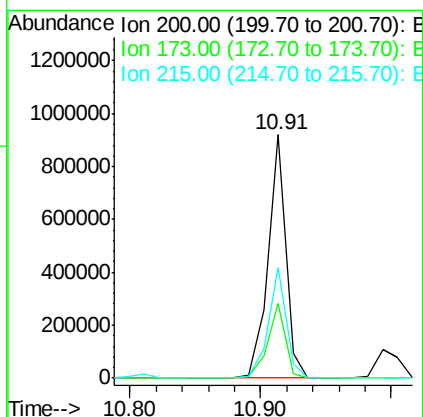
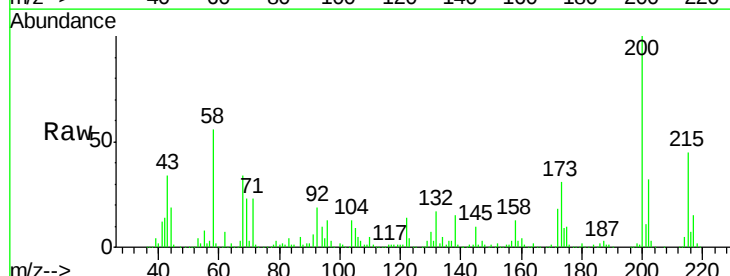
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

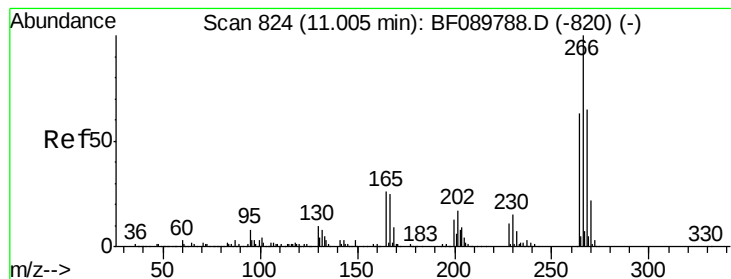
Tgt Ion:284 Resp: 1212471
Ion Ratio Lower Upper
284 100
142 31.3 17.4 26.2#
249 29.8 22.8 34.2



#68
Atrazine
Concen: 35.43 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:200 Resp: 881935
Ion Ratio Lower Upper
200 100
173 30.5 6.6 46.6
215 45.5 24.7 64.7





#69

Pentachlorophenol

Concen: 45.29 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

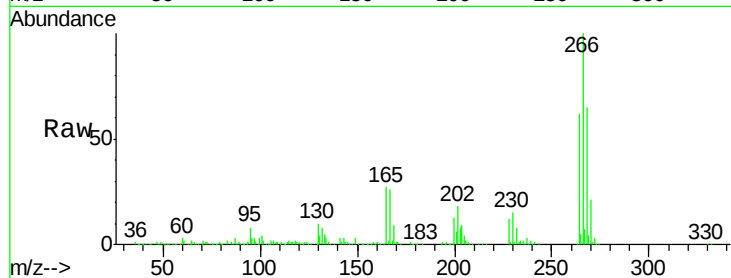
Tgt Ion:266 Resp: 793734

Ion Ratio Lower Upper

266 100

268 64.8 53.2 79.8

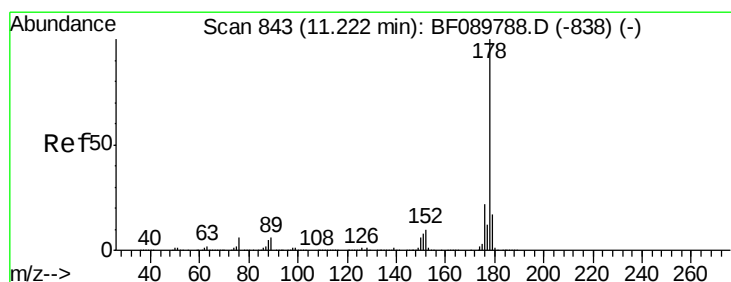
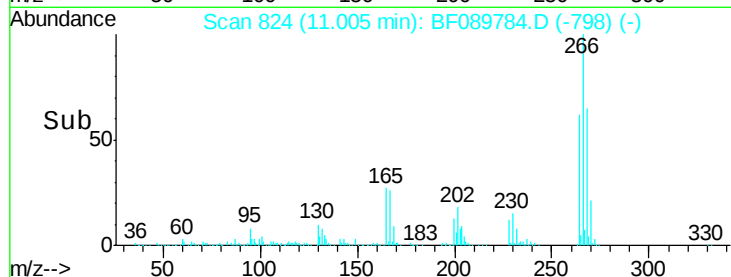
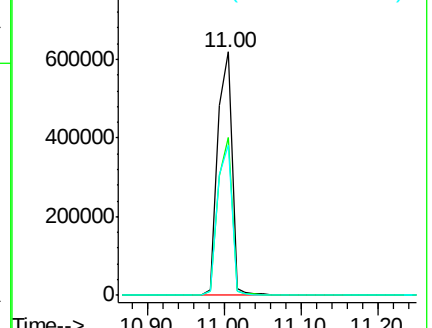
264 61.9 51.1 76.7



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: 39.83 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

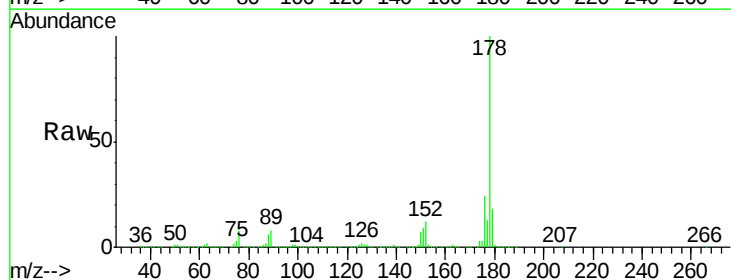
Tgt Ion:178 Resp: 5199283

Ion Ratio Lower Upper

178 100

176 23.8 16.4 24.6

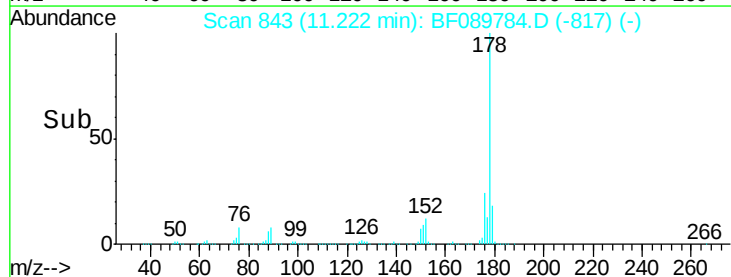
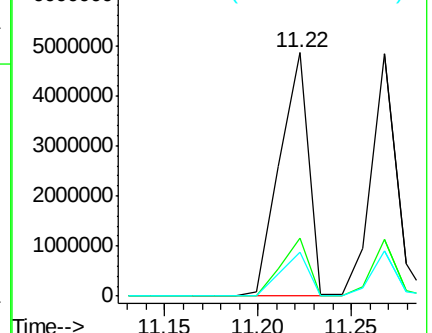
179 18.2 12.5 18.7

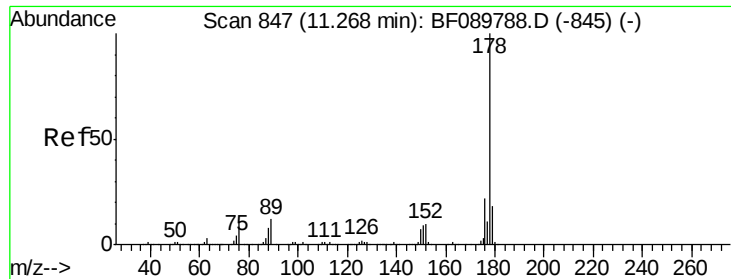


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

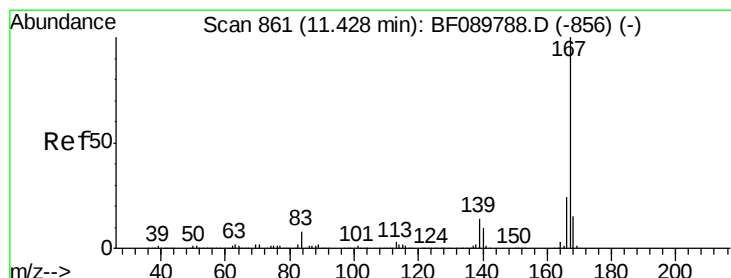
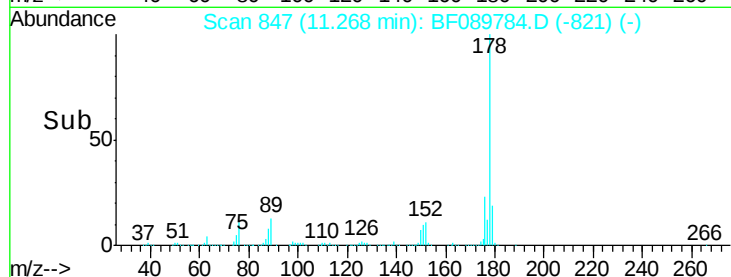
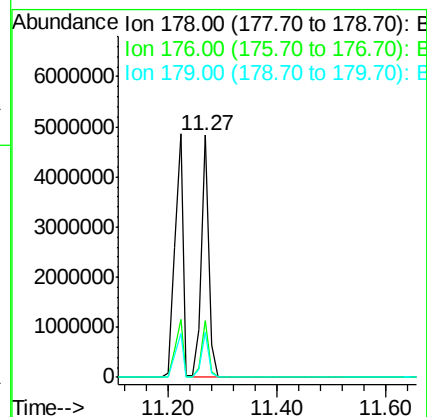
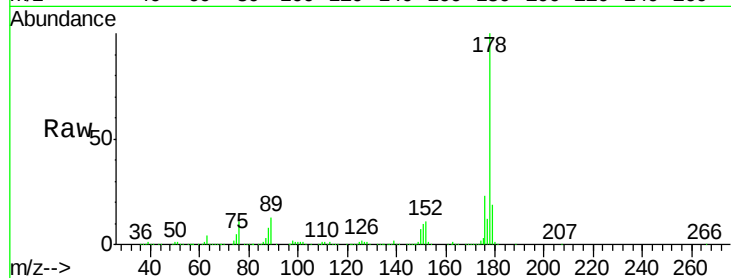




#71
 Anthracene
 Concen: 33.39 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

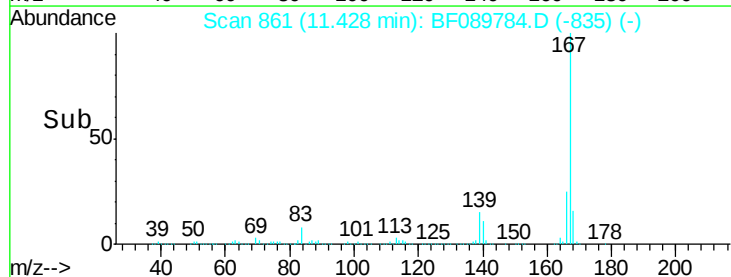
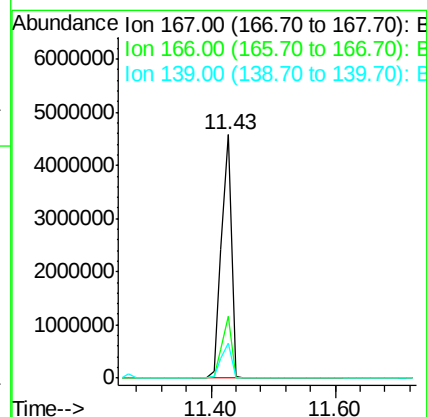
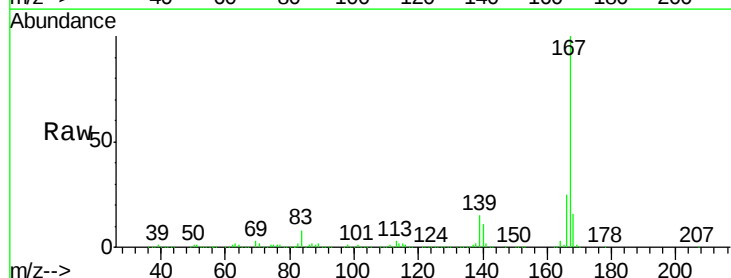
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

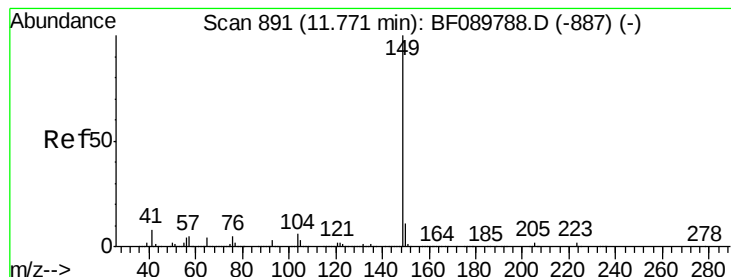
Tgt Ion:178 Resp: 4431224
 Ion Ratio Lower Upper
 178 100
 176 23.2 16.4 24.6
 179 18.6 13.1 19.7



#72
 Carbazole
 Concen: 41.53 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:167 Resp: 4943578
 Ion Ratio Lower Upper
 167 100
 166 25.3 17.9 26.9
 139 14.6 12.4 18.6





#73

Di-n-butylphthalate

Concen: 34.52 ng

RT: 11.77 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

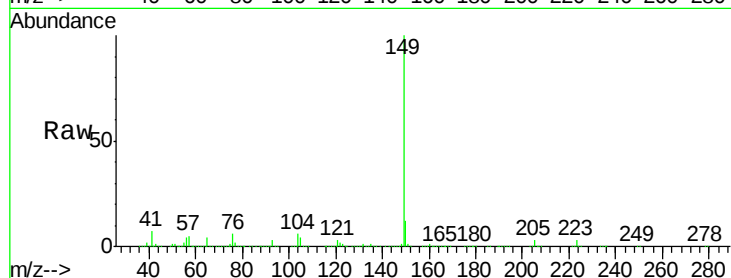
Tgt Ion:149 Resp: 5140340

Ion Ratio Lower Upper

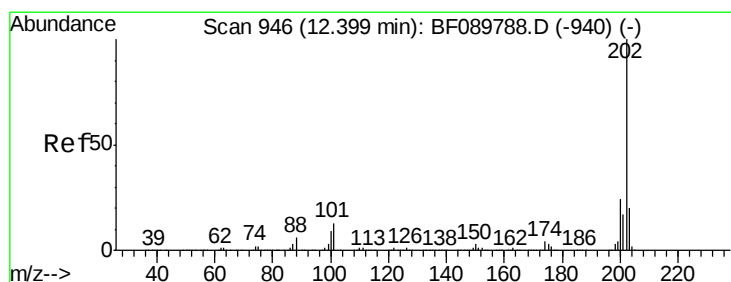
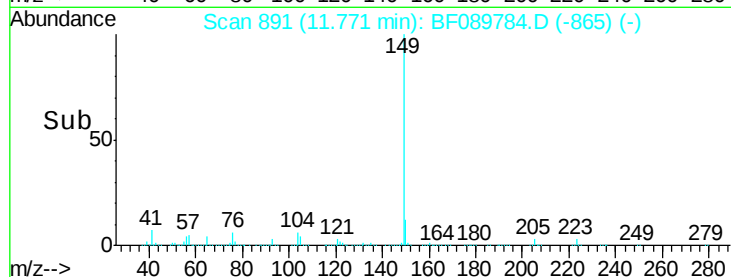
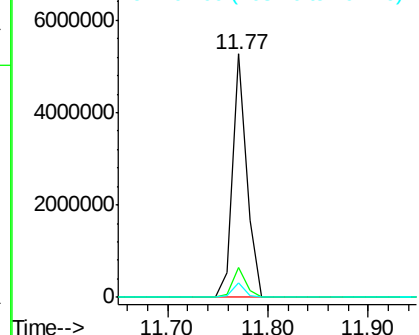
149 100

150 12.0 7.9 11.9#

104 6.1 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: 38.80 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

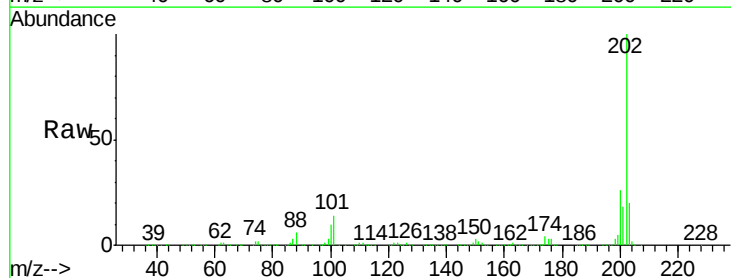
Tgt Ion:202 Resp: 4818627

Ion Ratio Lower Upper

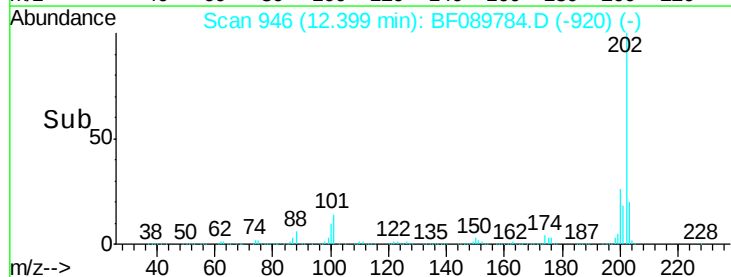
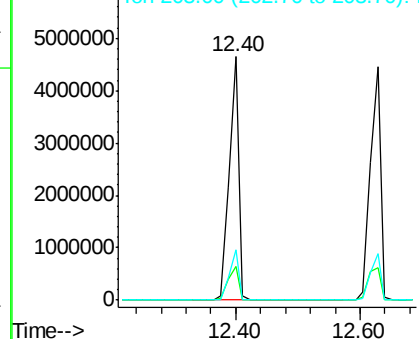
202 100

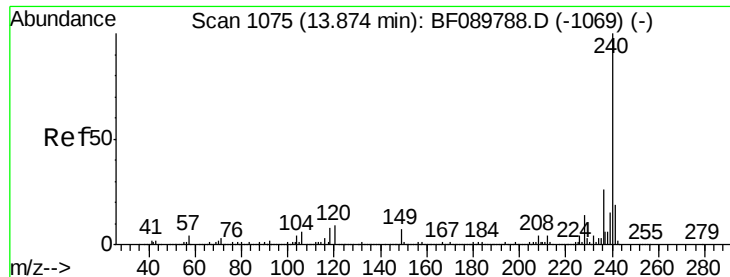
101 14.0 0.0 31.2

203 20.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

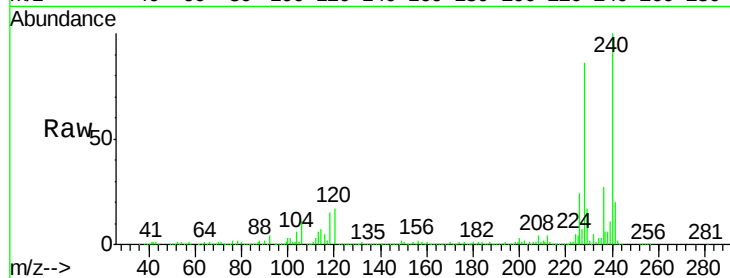
Tgt Ion:240 Resp: 1543679

Ion Ratio Lower Upper

240 100

120 16.7 8.3 12.5#

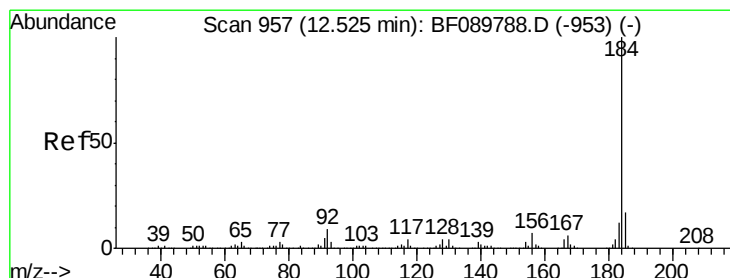
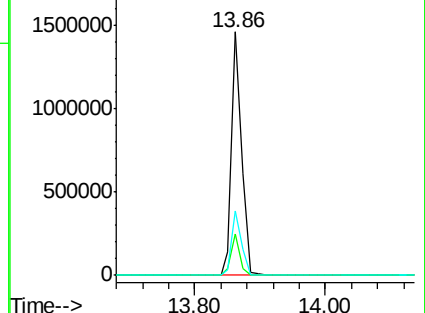
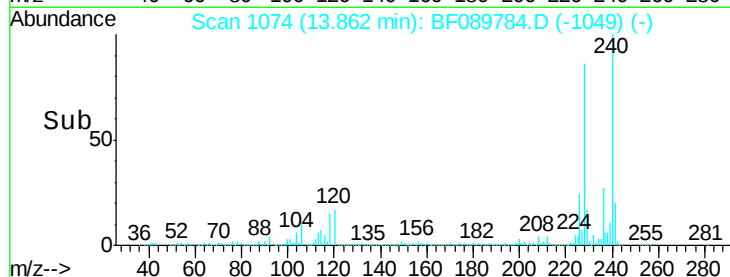
236 26.7 21.3 31.9



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: 45.19 ng

RT: 12.53 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

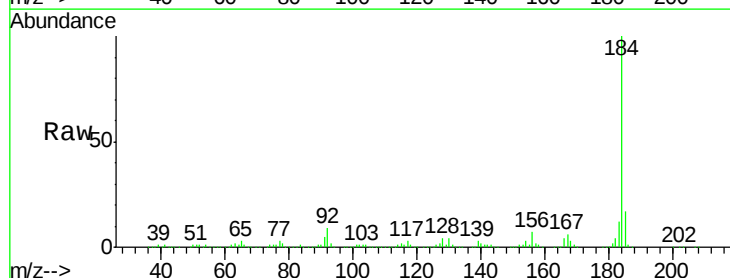
Tgt Ion:184 Resp: 2257312

Ion Ratio Lower Upper

184 100

185 16.6 13.8 20.8

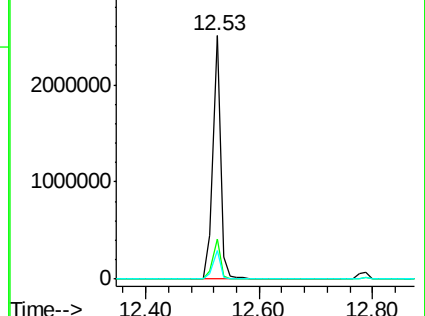
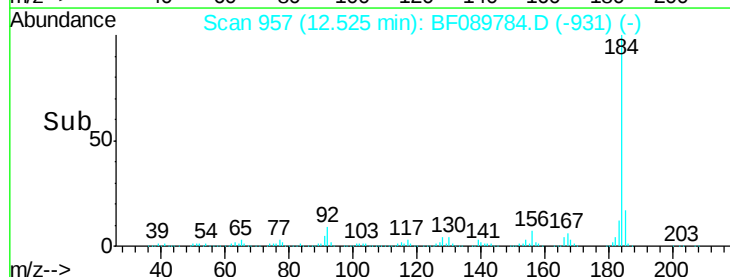
183 11.7 9.7 14.5

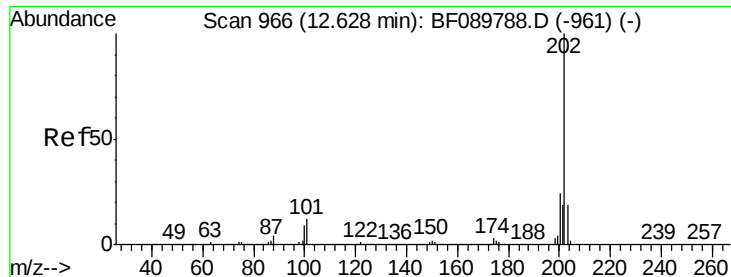


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.97 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

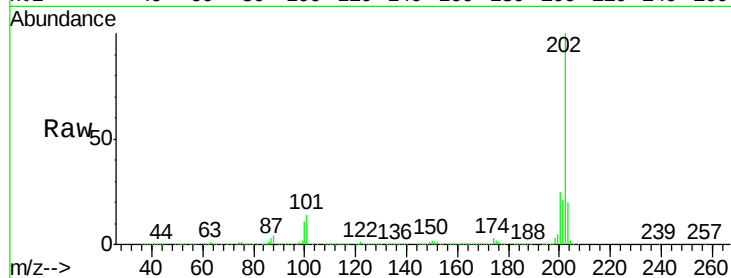
Tgt Ion:202 Resp: 5024141

Ion Ratio Lower Upper

202 100

200 25.4 17.8 26.6

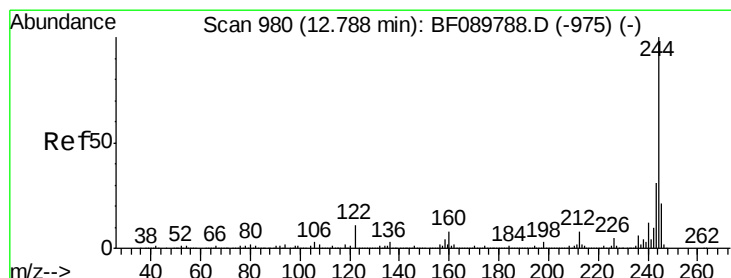
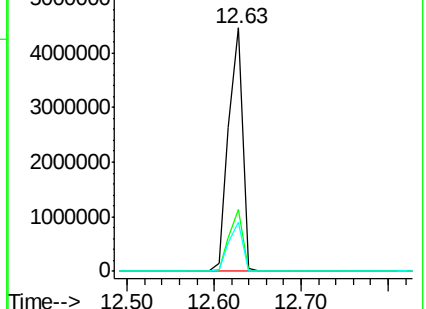
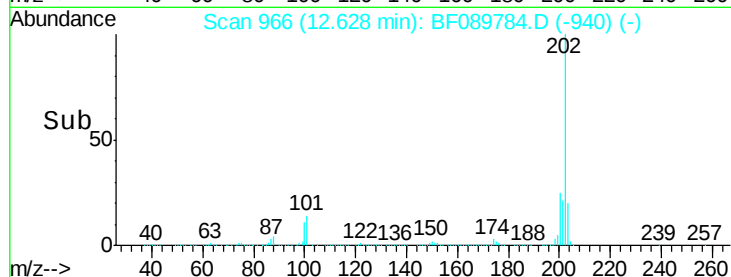
203 20.1 14.2 21.4



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: 73.89 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

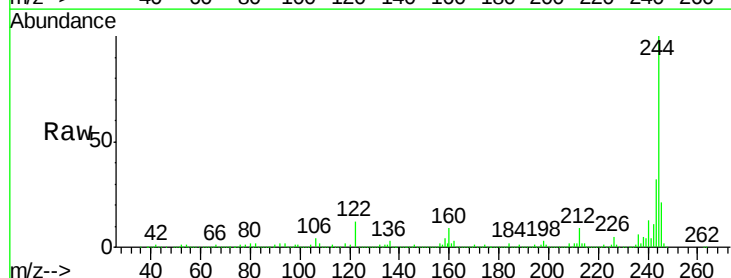
Tgt Ion:244 Resp: 5042129

Ion Ratio Lower Upper

244 100

212 8.6 6.3 9.5

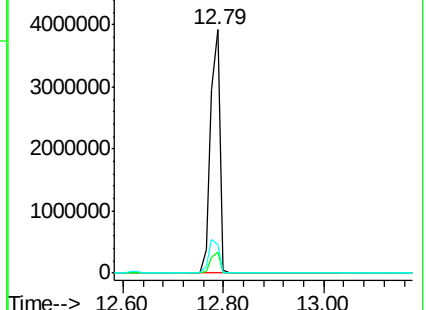
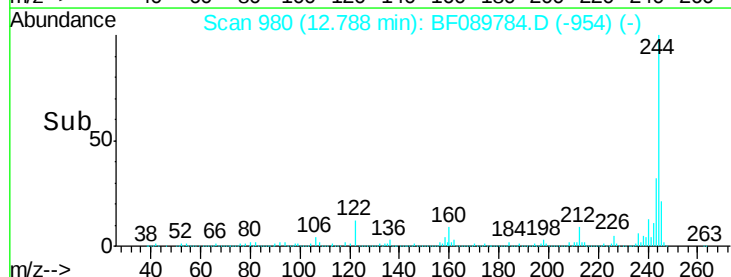
122 11.7 12.0 18.0#

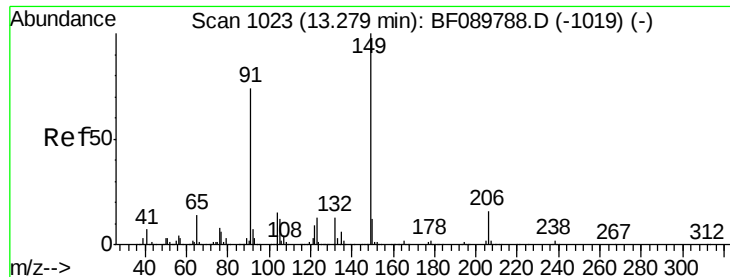


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

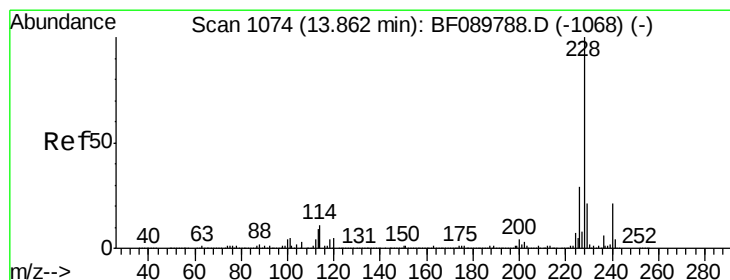
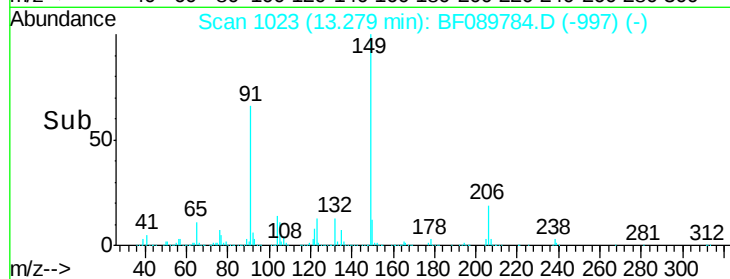
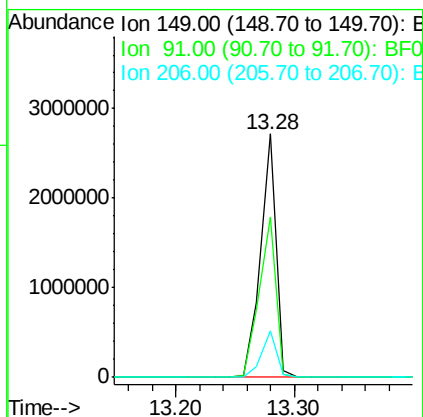
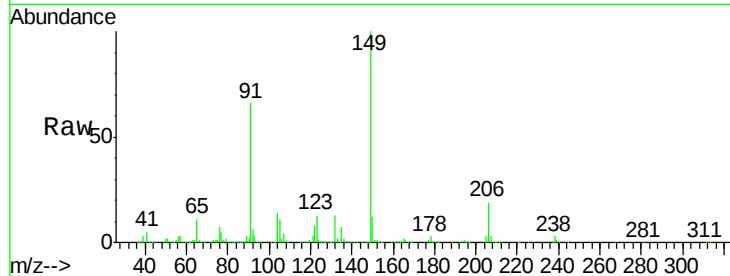




#79
Butylbenzylphthalate
Concen: 44.11 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

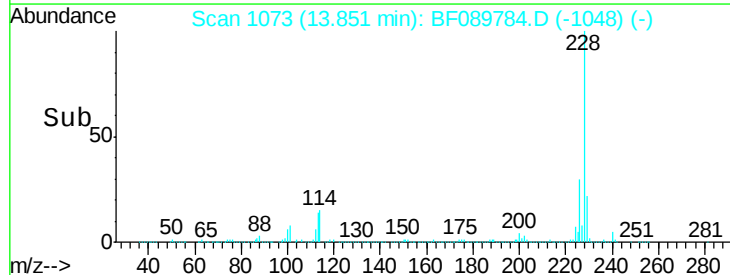
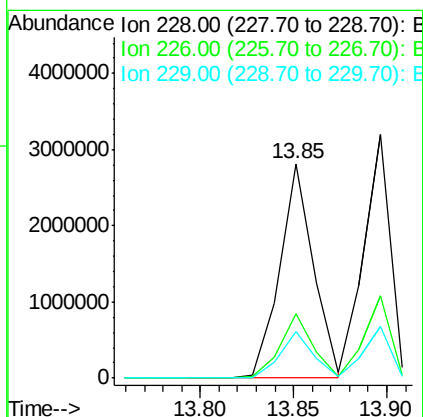
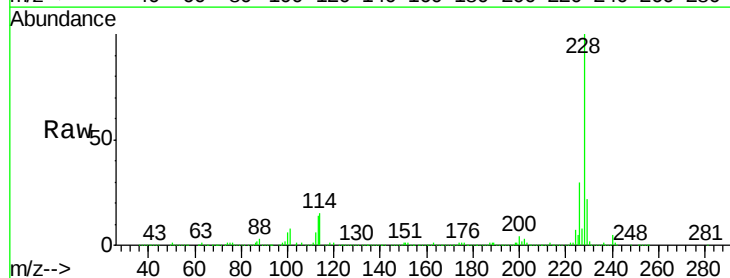
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

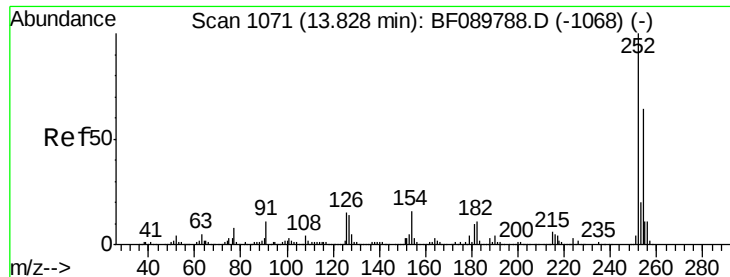
Tgt Ion:149 Resp: 2504378
Ion Ratio Lower Upper
149 100
91 65.7 50.7 76.1
206 19.3 15.5 23.3



#80
Benzo(a)anthracene
Concen: 40.10 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:228 Resp: 3544548
Ion Ratio Lower Upper
228 100
226 30.2 23.2 34.8
229 21.9 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 46.21 ng

RT: 13.83 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

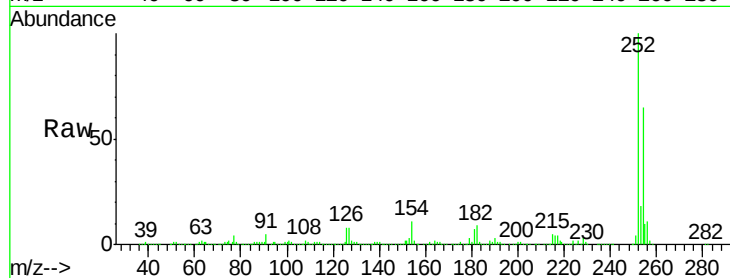
Tgt Ion:252 Resp: 1339214

Ion Ratio Lower Upper

252 100

254 64.7 50.6 75.8

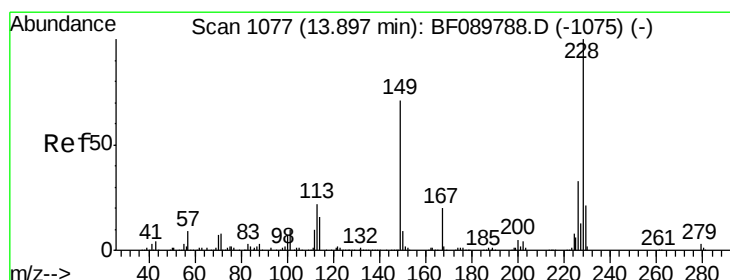
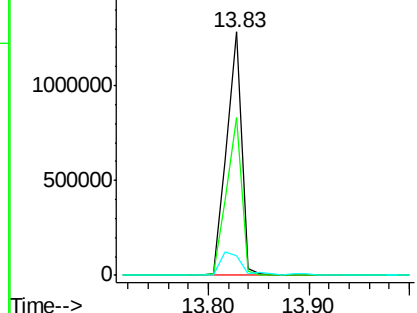
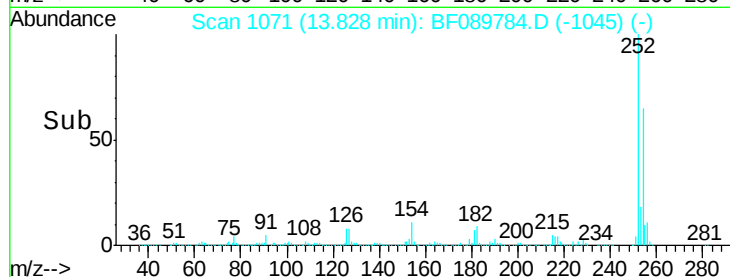
126 8.2 12.6 18.8#



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: 42.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

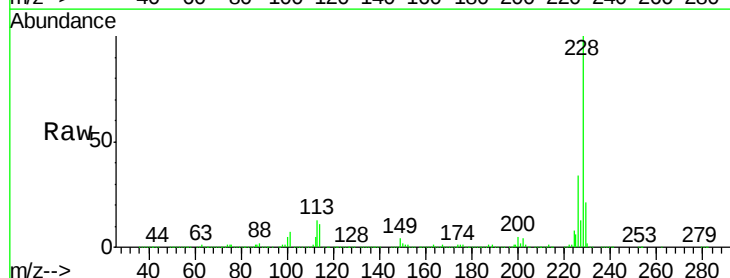
Tgt Ion:228 Resp: 3183251

Ion Ratio Lower Upper

228 100

226 34.0 25.4 38.0

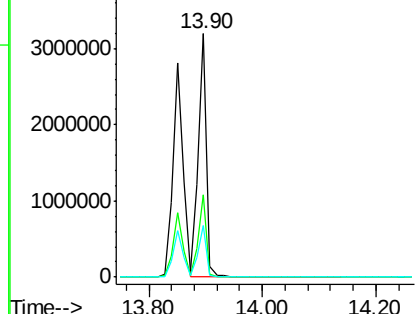
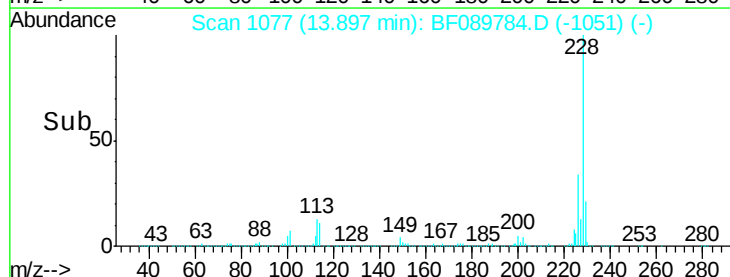
229 21.3 16.5 24.7

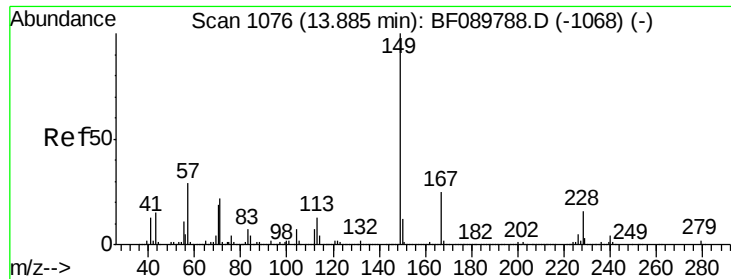


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

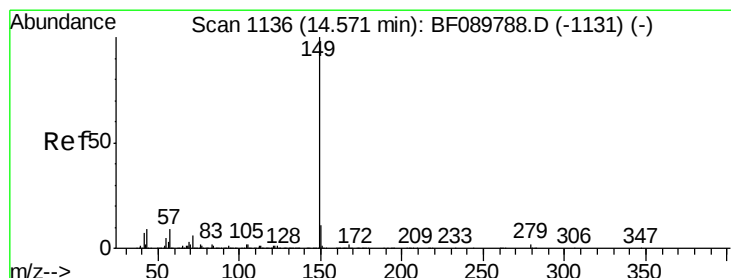
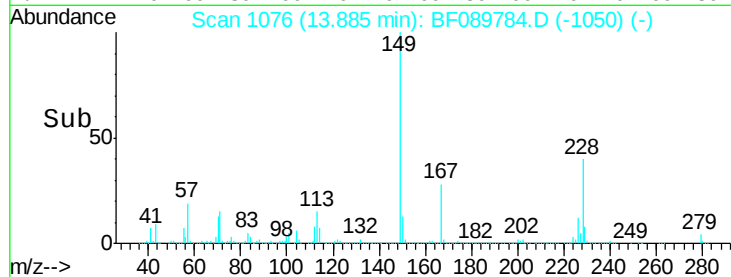
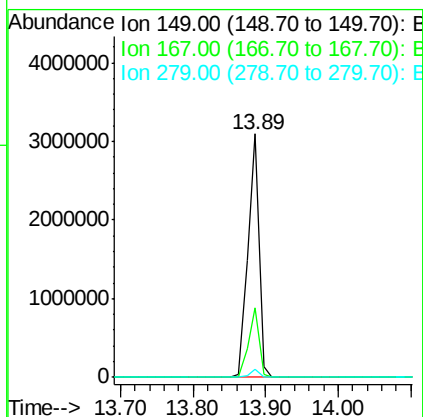
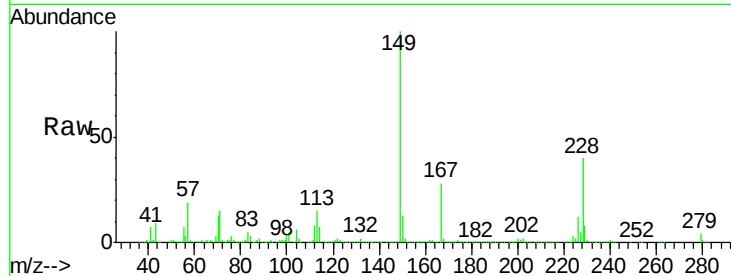




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.07 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

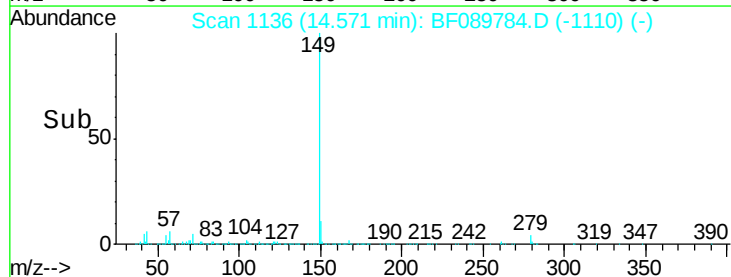
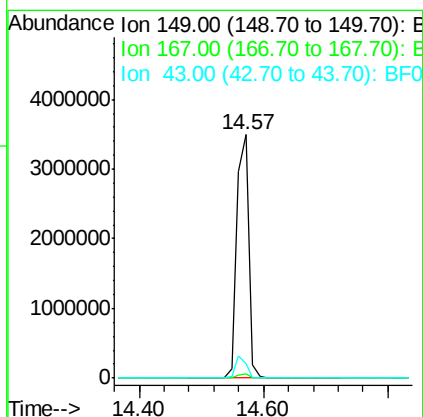
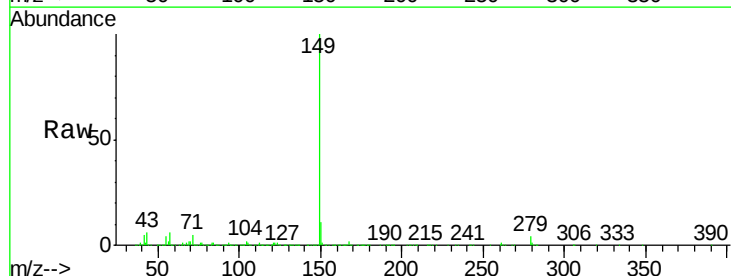
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

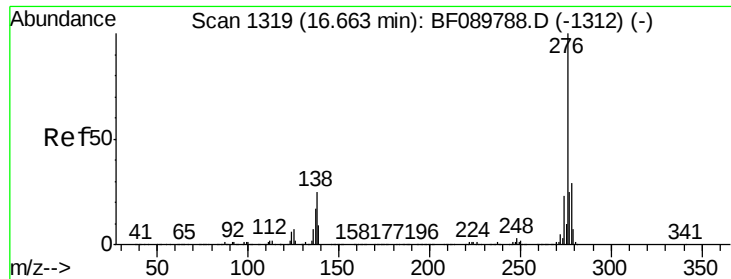
Tgt Ion:149 Resp: 3290463
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.2 31.8
 279 3.5 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 45.25 ng
 RT: 14.57 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion:149 Resp: 4703002
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.5 8.4 12.6

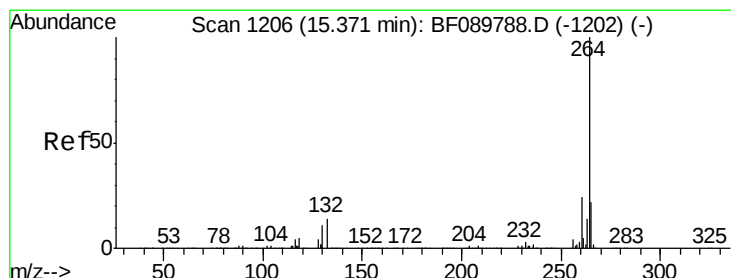
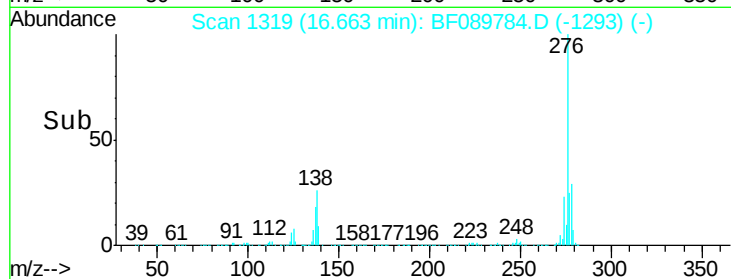
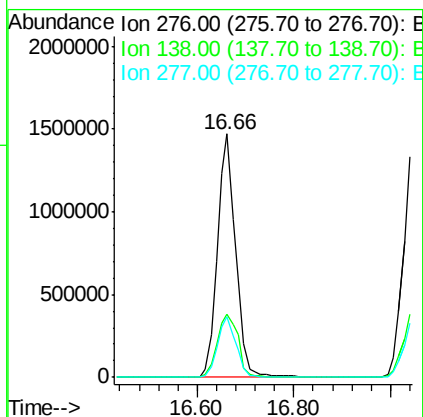
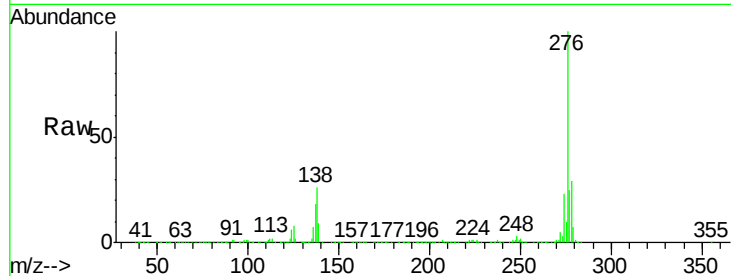




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.03 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

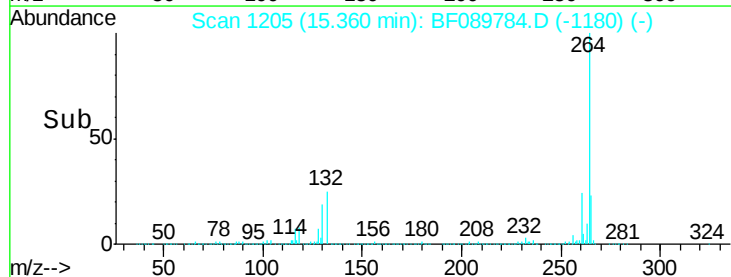
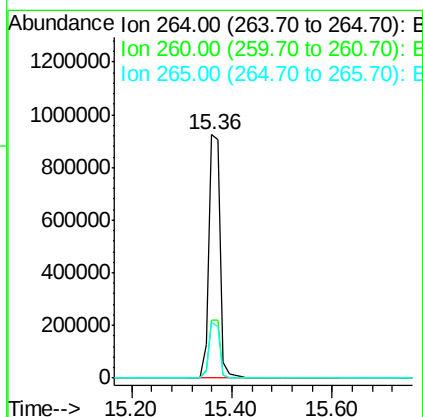
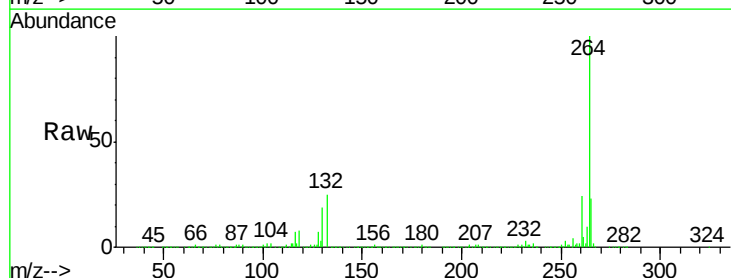
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

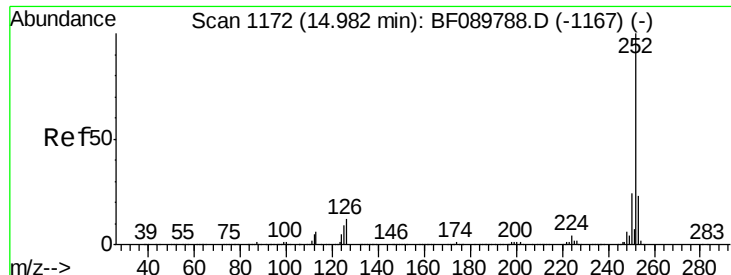
Tgt Ion: 276 Resp: 3870818
 Ion Ratio Lower Upper
 276 100
 138 30.2 24.6 36.8
 277 25.5 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF089784.D
 Acq: 19 Aug 2016 9:29

Tgt Ion: 264 Resp: 1421970
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.2 30.2
 265 22.6 17.4 26.2

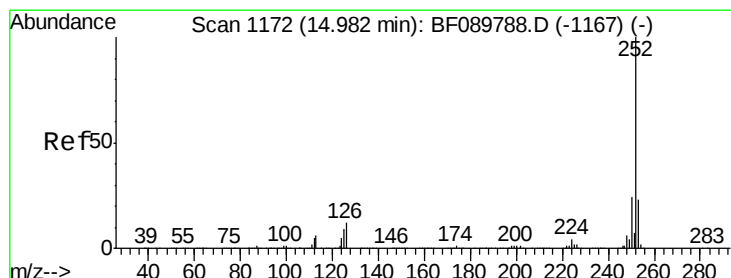
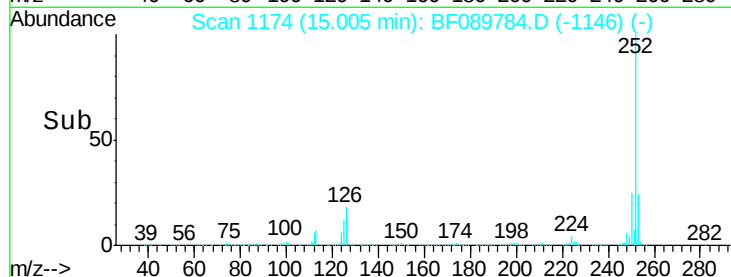
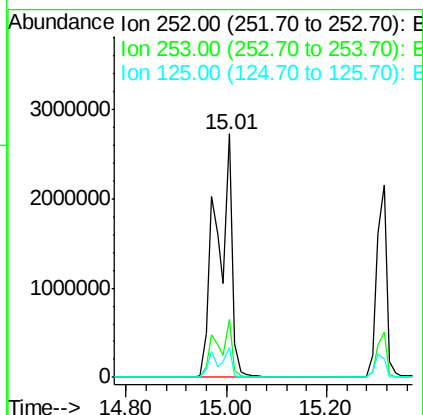
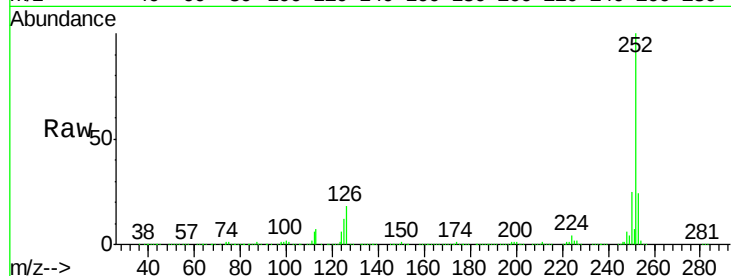




#87
Benzo(b)fluoranthene
Concen: 74.30 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

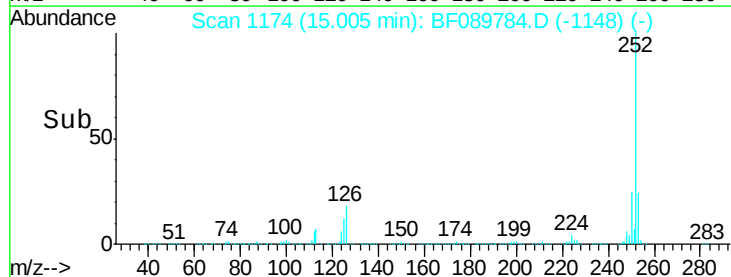
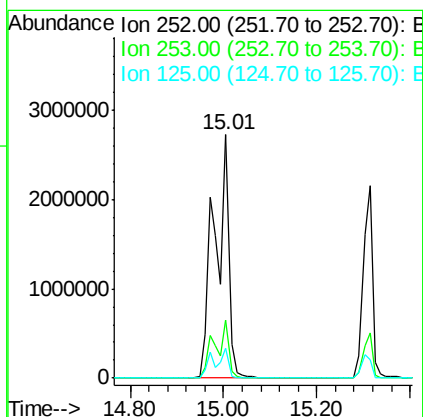
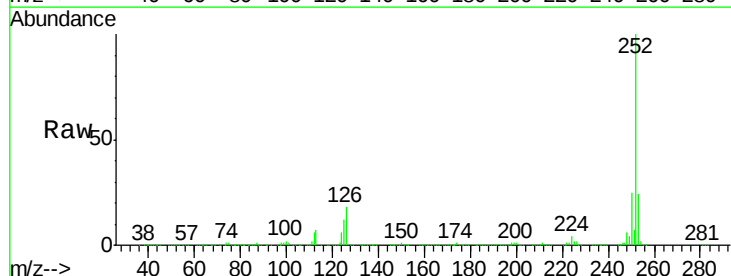
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

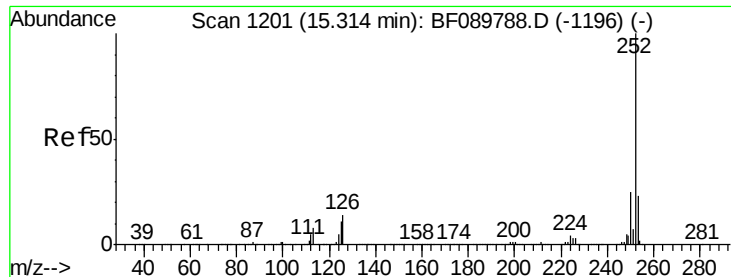
Tgt Ion:252 Resp: 5812195
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 12.5 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 81.93 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:252 Resp: 5814914
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 12.5 9.8 14.6

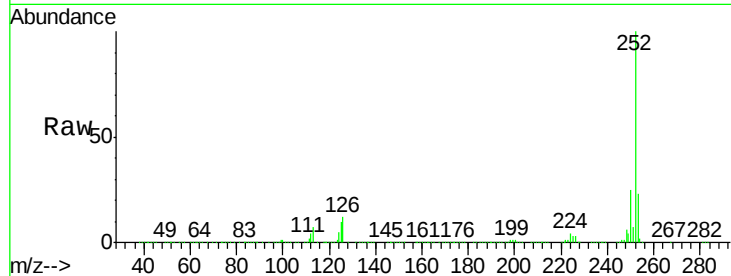




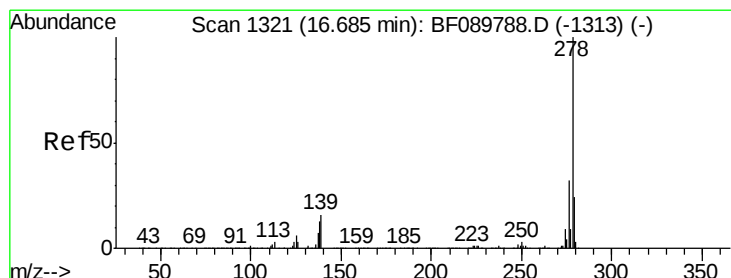
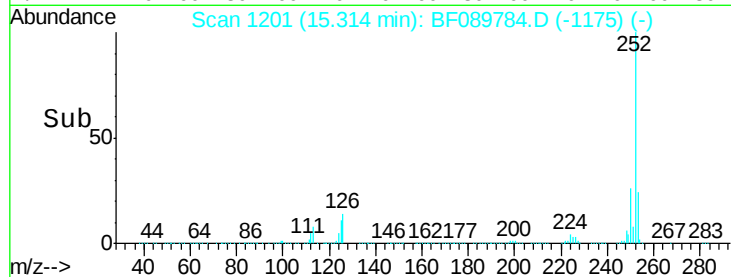
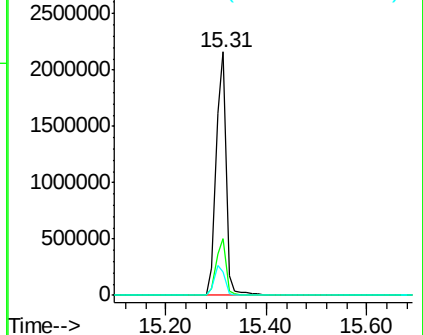
#89
Benzo(a)pyrene
Concen: 40.04 ng
RT: 15.31 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2964843
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.6 11.7 17.5#

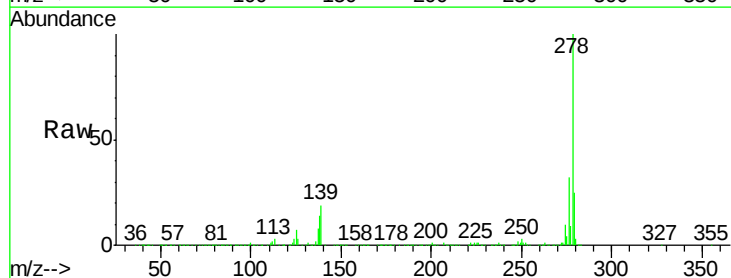


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

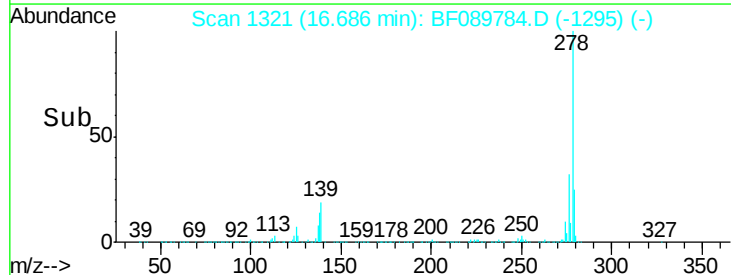
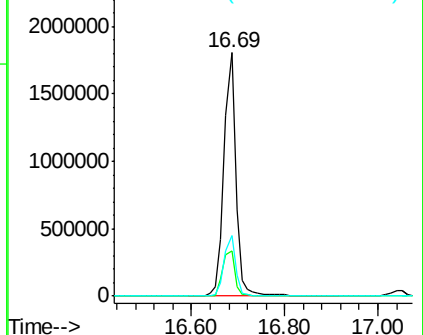


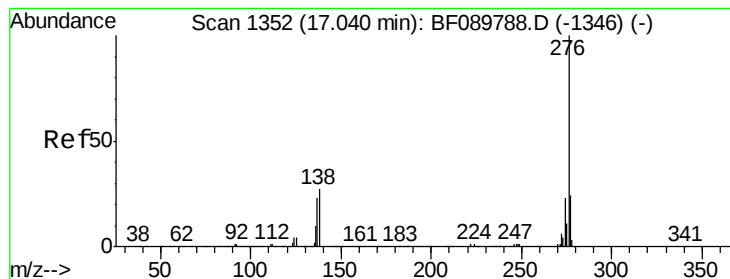
#90
Dibenzo(a,h)anthracene
Concen: 39.58 ng
RT: 16.69 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF089784.D
Acq: 19 Aug 2016 9:29

Tgt Ion:278 Resp: 3180708
Ion Ratio Lower Upper
278 100
139 18.6 14.9 22.3
279 24.9 19.2 28.8



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





#91

Benzo(g,h,i)perylene

Concen: 39.57 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF089784.D

Acq: 19 Aug 2016 9:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

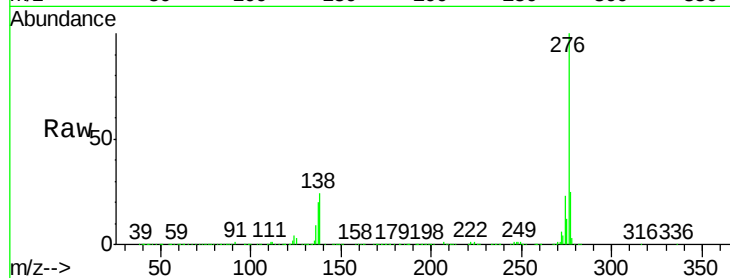
Tgt Ion:276 Resp: 3349056

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 23.9 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

