

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089786.D
 Acq On : 19 Aug 2016 10:22
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Aug 19 11:56:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	599540	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	2152844	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	1121179	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1962605	20.00	ng	0.00
75) Chrysene-d12	13.91	240	1099645	20.00	ng	0.03
86) Perylene-d12	15.50	264	1051029	20.00	ng	0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	734841	20.45	ng	-0.01
7) Phenol-d6	6.31	99	869355	19.02	ng	-0.01
23) Nitrobenzene-d5	7.24	82	790762	22.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	232972	21.48	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	1498378	21.44	ng	-0.01
78) Terphenyl-d14	12.79	244	1276982	34.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	185112	9.98	ng	89
3) Pyridine	2.81	79	419170	8.77	ng	92
4) n-Nitrosodimethylamine	2.74	42	156050	8.13	ng	87
6) Aniline	6.34	93	613021	9.98	ng	95
8) 2-Chlorophenol	6.46	128	420876	9.85	ng	100
9) Benzaldehyde	6.22	77	287054	9.48	ng	98
10) Phenol	6.32	94	489483	8.60	ng	88
11) bis(2-Chloroethyl)ether	6.42	93	443898	10.53	ng	94
12) 1,3-Dichlorobenzene	6.63	146	454614	9.95	ng	# 91
13) 1,4-Dichlorobenzene	6.70	146	451429	9.75	ng	97
14) 1,2-Dichlorobenzene	6.86	146	466630	10.57	ng	98
15) Benzyl Alcohol	6.82	79	288275	9.44	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	514459	9.30	ng	95
17) 2-Methylphenol	6.95	107	336914	9.92	ng	93
18) Hexachloroethane	7.20	117	164717	9.71	ng	# 90
19) n-Nitroso-di-n-propylamine	7.10	70	279260	9.33	ng	97
20) 3+4-Methylphenols	7.10	107	434349	9.99	ng	98
22) Acetophenone	7.10	105	614357	12.28	ng	# 91
24) Nitrobenzene	7.27	77	459471	11.59	ng	# 88
25) Isophorone	7.51	82	807233	11.44	ng	97
26) 2-Nitrophenol	7.59	139	216169	11.58	ng	96
27) 2,4-Dimethylphenol	7.63	122	374070	10.58	ng	96
28) bis(2-Chloroethoxy)methane	7.72	93	481753	11.24	ng	99
29) 2,4-Dichlorophenol	7.83	162	316484	10.75	ng	96
30) 1,2,4-Trichlorobenzene	7.91	180	361927	11.45	ng	99
31) Naphthalene	7.99	128	1267556	13.12	ng	98
32) Benzoic acid	7.70	122	240952	8.76	ng	98
33) 4-Chloroaniline	8.03	127	467423	10.45	ng	# 84
34) Hexachlorobutadiene	8.11	225	192470	11.59	ng	99
35) Caprolactam	8.38	113	98402	10.84	ng	# 86
36) 4-Chloro-3-methylphenol	8.51	107	331804	10.35	ng	85
37) 2-Methylnaphthalene	8.78	142	804819	12.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	428053	11.88	ng	# 97
40) Hexachlorocyclopentadiene	8.83	237	103166	6.42	ng	99

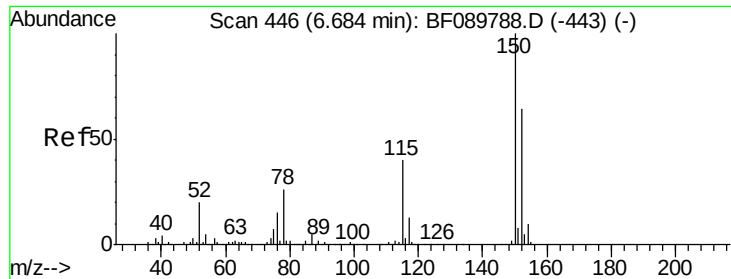
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089786.D
 Acq On : 19 Aug 2016 10:22
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Aug 19 11:56:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	222172	9.54	nq	97
43) 2,4,5-Trichlorophenol	8.98	196	224506	10.11	nq	# 81
45) 1,1'-Biphenyl	9.14	154	1062668	11.44	nq	95
46) 2-Chloronaphthalene	9.16	162	770882	11.08	nq	# 91
47) 2-Nitroaniline	9.26	65	216638	10.22	nq	# 80
48) Acenaphthylene	9.58	152	1159152	10.82	nq	97
49) Dimethylphthalate	9.44	163	826066	10.18	nq	99
50) 2,6-Dinitrotoluene	9.50	165	178007	9.69	nq	# 84
51) Acenaphthene	9.75	154	776528	10.74	nq	99
52) 3-Nitroaniline	9.66	138	195395	9.15	nq	92
53) 2,4-Dinitrophenol	9.76	184	43145	6.61	nq	# 56
54) Dibenzofuran	9.92	168	989577	11.13	nq	89
55) 4-Nitrophenol	9.82	139	155071	9.44	nq	90
56) 2,4-Dinitrotoluene	9.90	165	251584	10.66	nq	91
57) Fluorene	10.25	166	789578	10.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	167798	9.68	nq	95
59) Diethylphthalate	10.15	149	891792	10.84	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	382769	10.85	nq	# 85
61) 4-Nitroaniline	10.26	138	189732	9.15	nq	97
62) Azobenzene	10.41	77	765403	9.85	nq	93
64) 4,6-Dinitro-2-methylphenol	10.30	198	90909	7.98	nq	95
65) n-Nitrosodiphenylamine	10.38	169	652462	10.59	nq	98
66) 4-Bromophenyl-phenylether	10.74	248	231551	11.39	nq	# 81
67) Hexachlorobenzene	10.80	284	244496	10.82	nq	# 76
68) Atrazine	10.90	200	217209	11.64	nq	96
69) Pentachlorophenol	10.99	266	135541	9.63	nq	98
70) Phenanthrene	11.21	178	1186531	12.30	nq	99
71) Anthracene	11.26	178	1102954	10.94	nq	98
72) Carbazole	11.42	167	1038803	10.88	nq	97
73) Di-n-butylphthalate	11.77	149	1321430	11.38	nq	# 98
74) Fluoranthene	12.40	202	1038988	10.72	nq	95
76) Benzidine	12.53	184	371671	9.42	nq	97
77) Pyrene	12.63	202	1035759	14.39	nq	99
79) Butylbenzylphthalate	13.30	149	427910	11.85	nq	92
80) Benzo(a)anthracene	13.90	228	681801	10.67	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	217762	9.35	nq	# 95
82) Chrysene	13.94	228	663002	11.53	nq	96
83) Bis(2-ethylhexyl)phthalate	13.94	149	605134	12.67	nq	100
84) Di-n-octyl phthalate	14.66	149	728662	9.81	nq	95
85) Indeno(1,2,3-cd)pyrene	16.79	276	742624	15.16	nq	97
87) Benzo(b)fluoranthene	15.07	252	675082	10.14	nq	98
88) Benzo(k)fluoranthene	15.07	252	675082	12.32	nq	98
89) Benzo(a)pyrene	15.43	252	574972	10.46	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	621999	14.37	nq	99
91) Benzo(g,h,i)perylene	17.17	276	648676	14.72	nq	98

(#) = 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: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

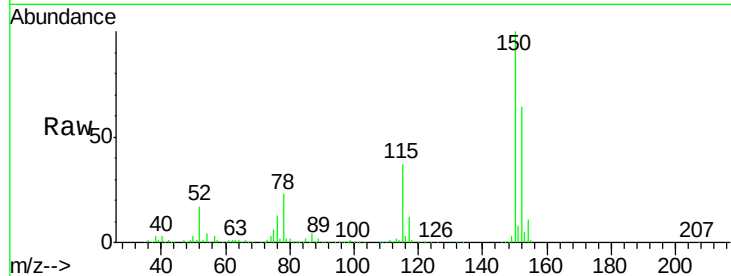
Tot Ion:152 Resp: 599540

Ion Ratio Lower Upper

152 100

150 155.3 125.3 187.9

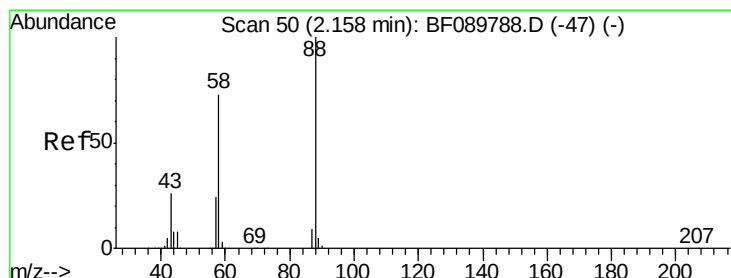
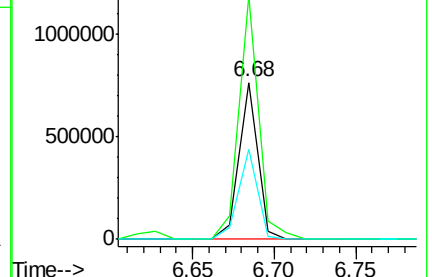
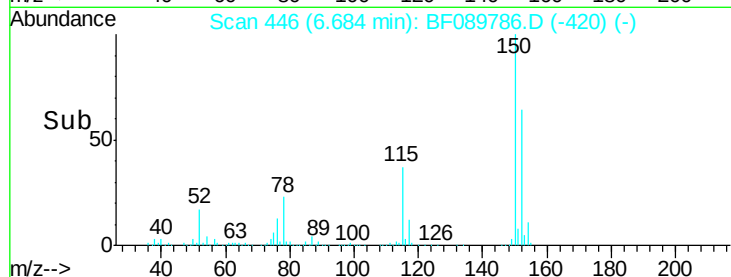
115 57.6 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 9.98 ng

RT: 2.16 min Scan# 50

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

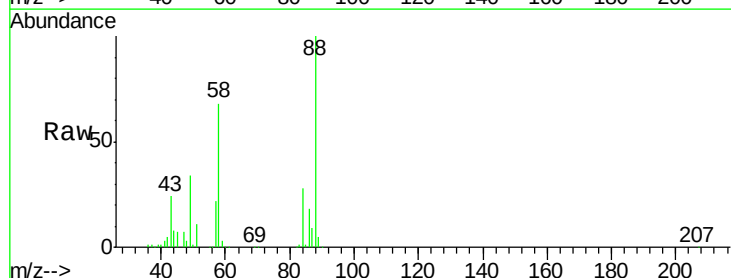
Tgt Ion: 88 Resp: 185112

Ion Ratio Lower Upper

88 100

58 61.5 57.0 85.4

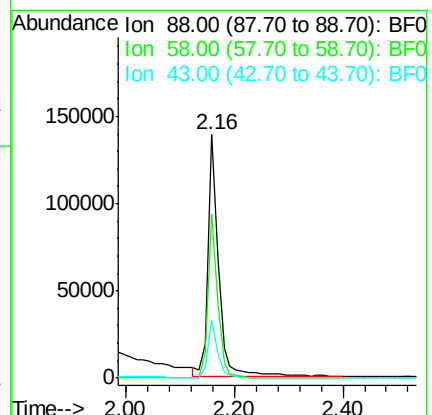
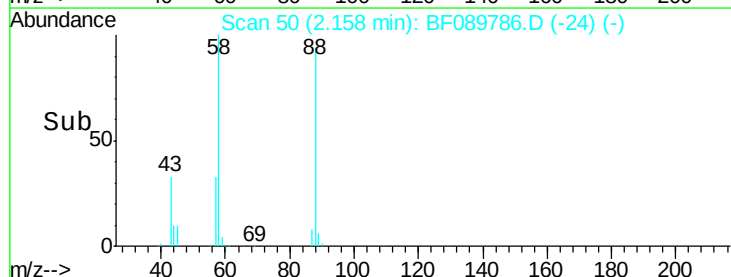
43 22.7 21.8 32.8

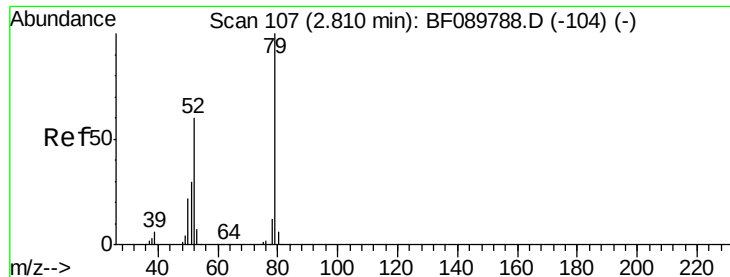


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 8.77 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

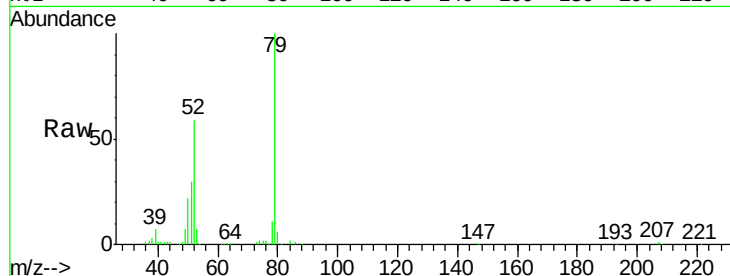
Tot Ion: 79 Resp: 419170

Ion Ratio Lower Upper

79 100

52 58.9 53.6 80.4

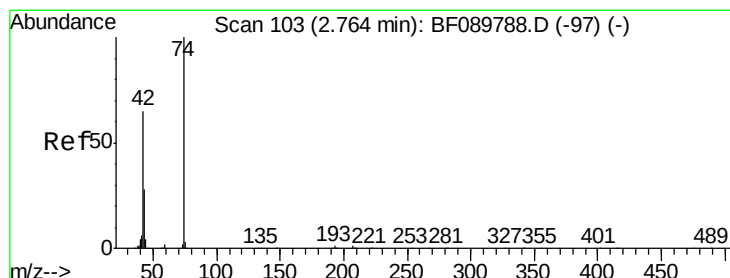
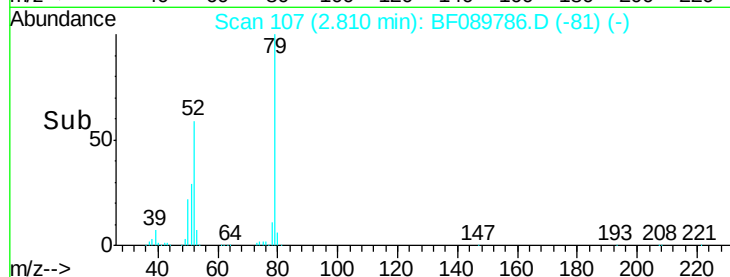
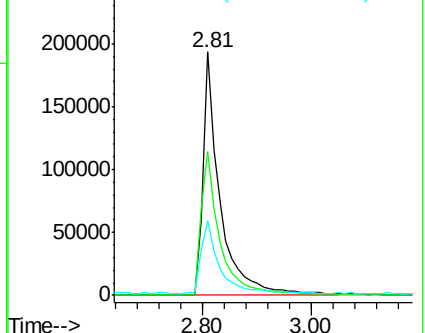
51 30.5 26.6 39.8



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: 8.13 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.02 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

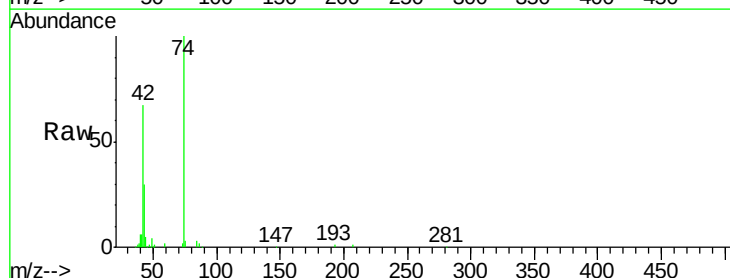
Tgt Ion: 42 Resp: 156050

Ion Ratio Lower Upper

42 100

74 149.0 106.2 159.2

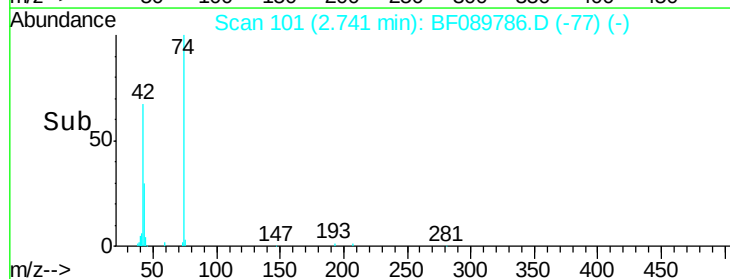
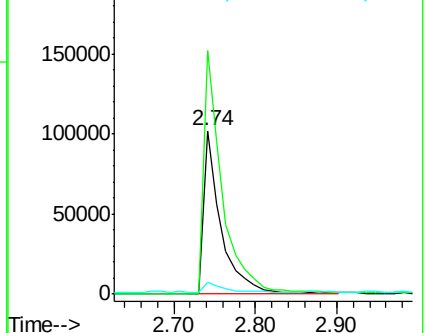
44 7.5 6.9 10.3

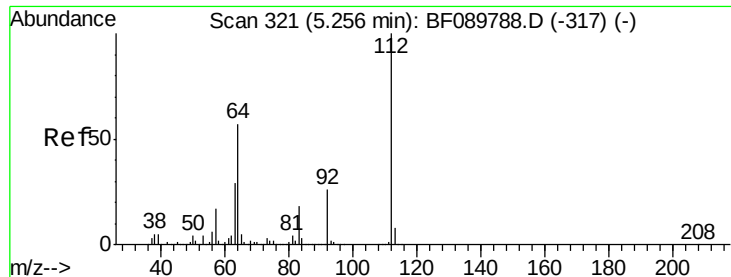


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 20.45 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

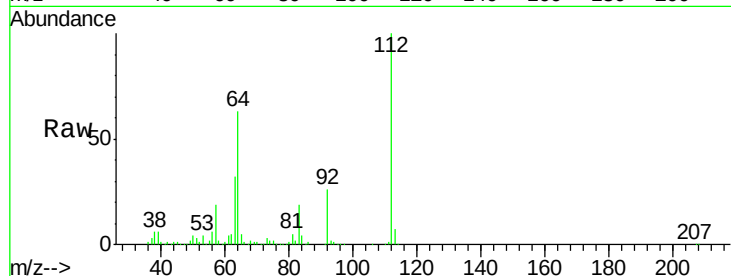
Tot Ion:112 Resp: 734841

Ion Ratio Lower Upper

112 100

64 62.9 45.0 67.4

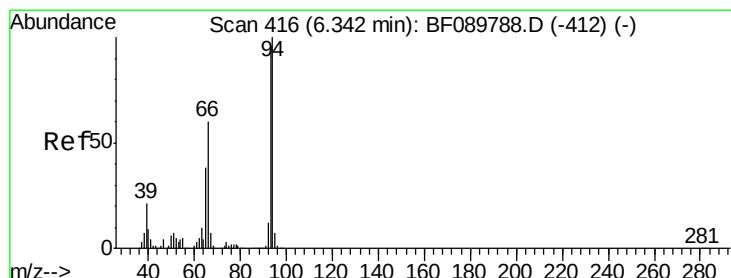
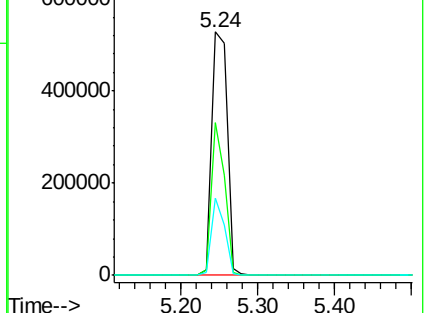
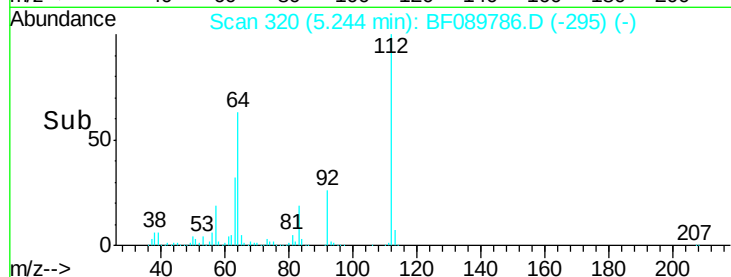
63 31.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.98 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

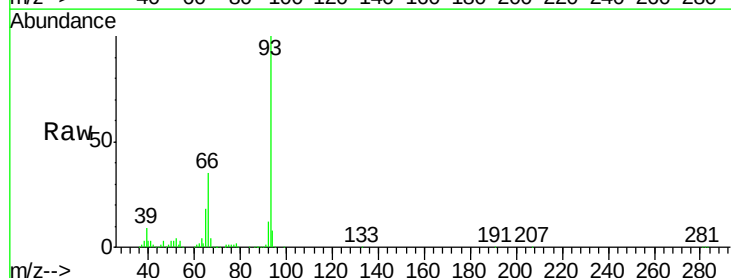
Tgt Ion: 93 Resp: 613021

Ion Ratio Lower Upper

93 100

66 34.9 30.6 46.0

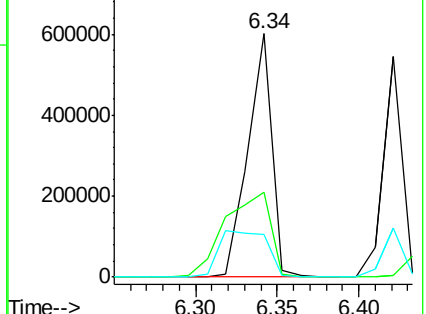
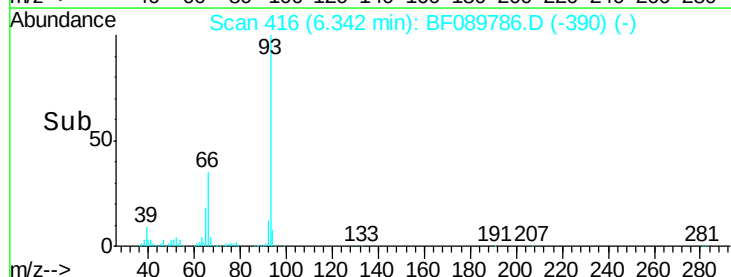
65 17.6 15.4 23.2

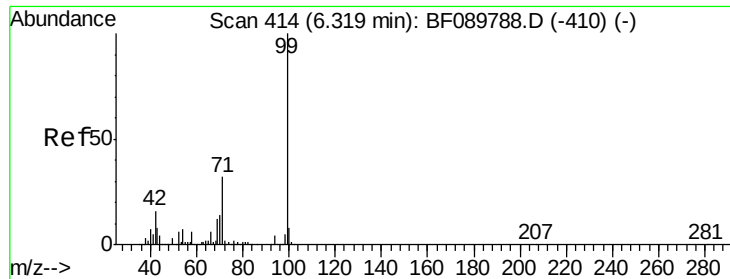


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 19.02 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

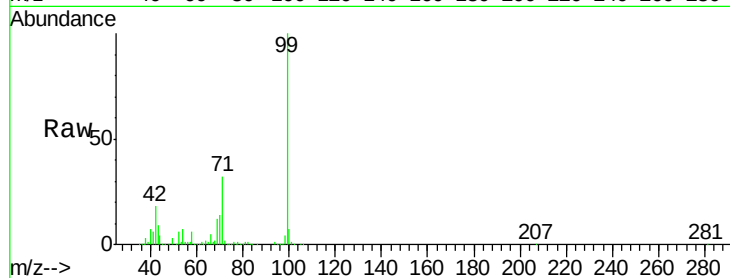
Tot Ion: 99 Resp: 869355

Ion Ratio Lower Upper

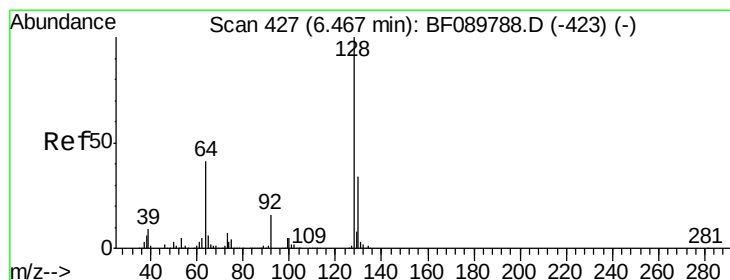
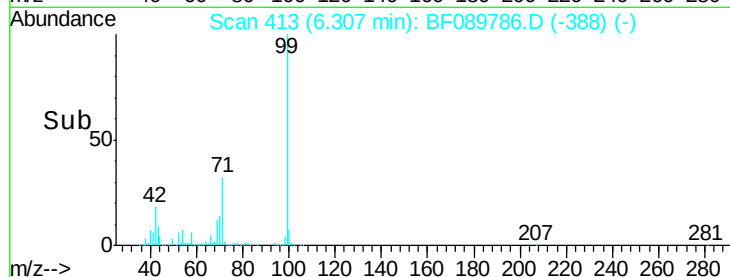
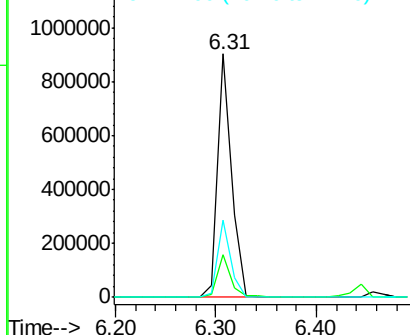
99 100

42 17.5 12.2 18.4

71 31.9 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 9.85 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

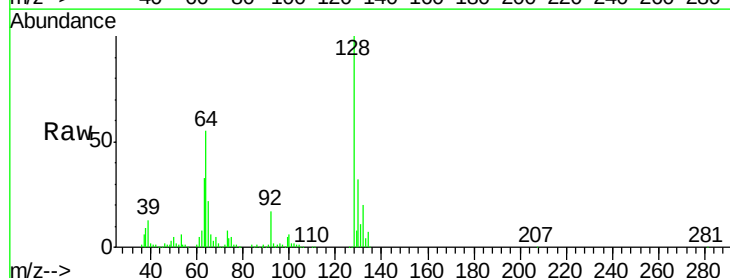
Tgt Ion: 128 Resp: 420876

Ion Ratio Lower Upper

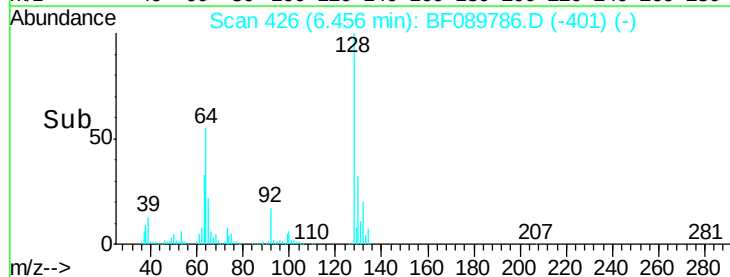
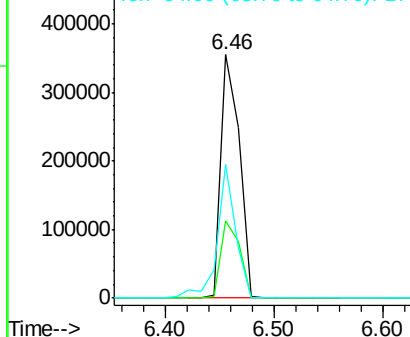
128 100

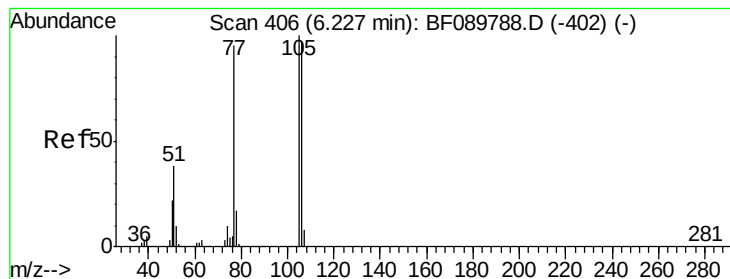
130 31.8 12.0 52.0

64 54.7 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.48 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

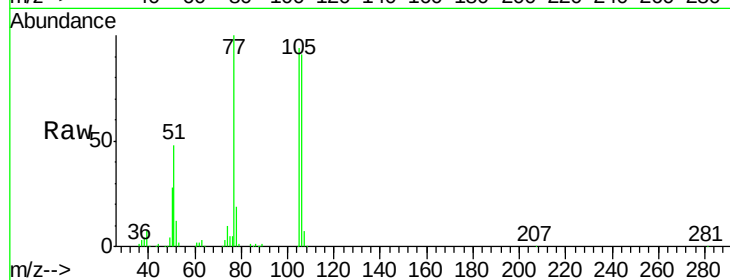
Tot Ion: 77 Resp: 287054

Ion Ratio Lower Upper

77 100

105 94.3 73.3 113.3

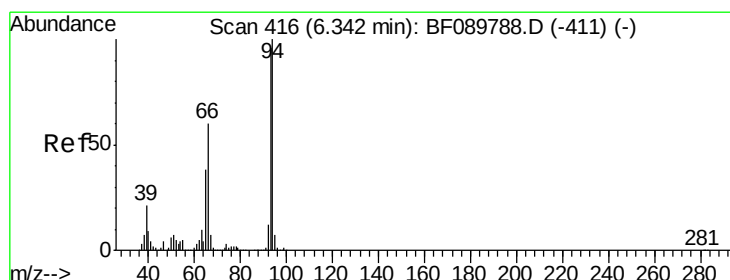
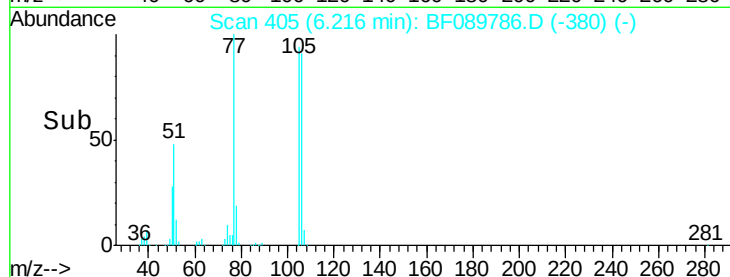
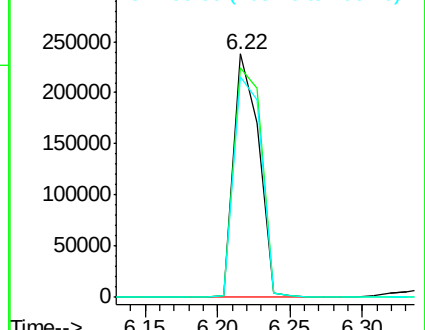
106 90.6 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 8.60 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

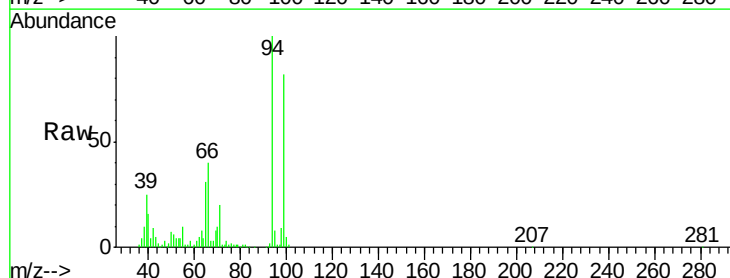
Tgt Ion: 94 Resp: 489483

Ion Ratio Lower Upper

94 100

65 31.0 14.0 54.0

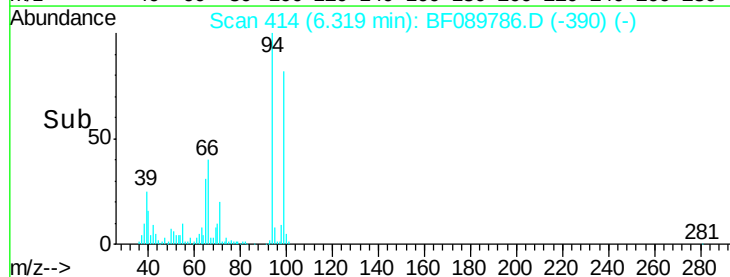
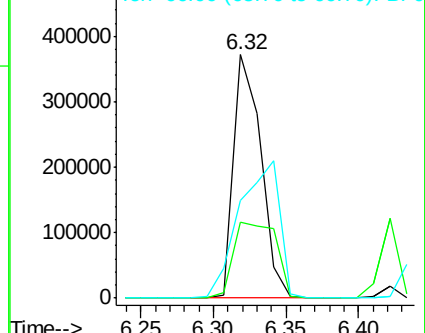
66 39.9 31.2 71.2

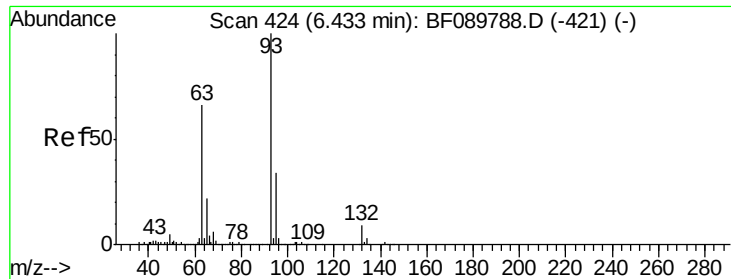


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

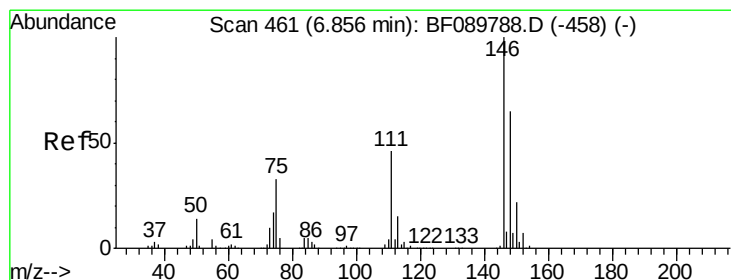
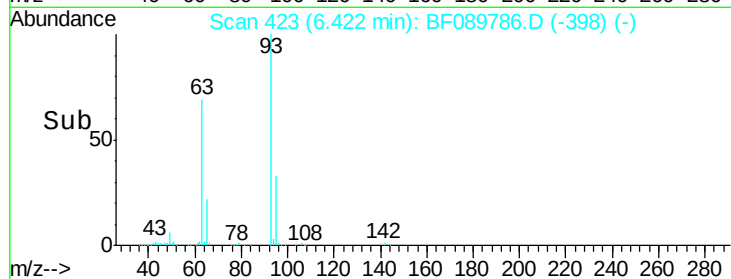
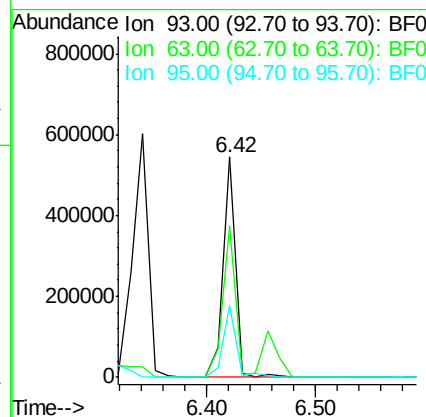
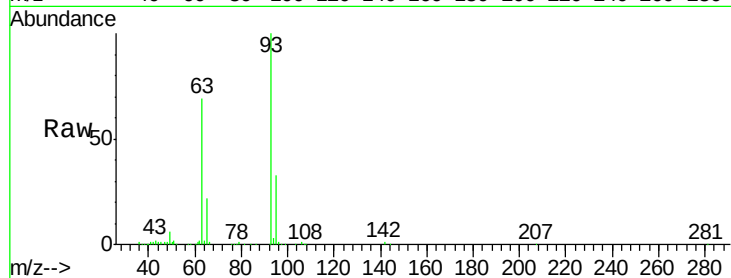




#11
bis(2-Chloroethyl)ether
Concen: 10.53 ng
RT: 6.42 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

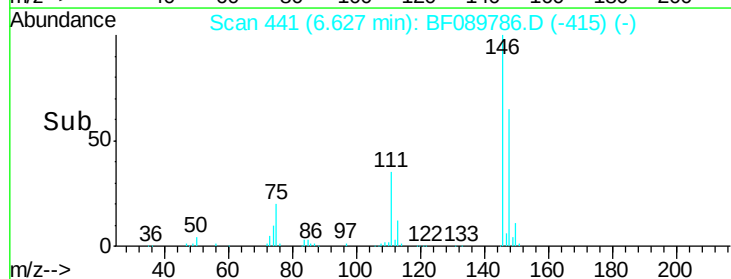
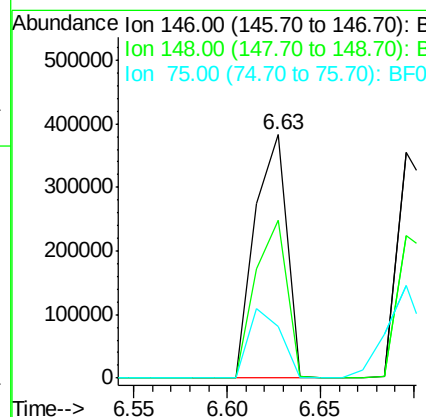
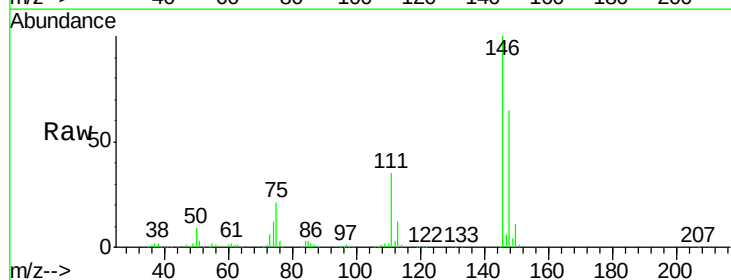
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

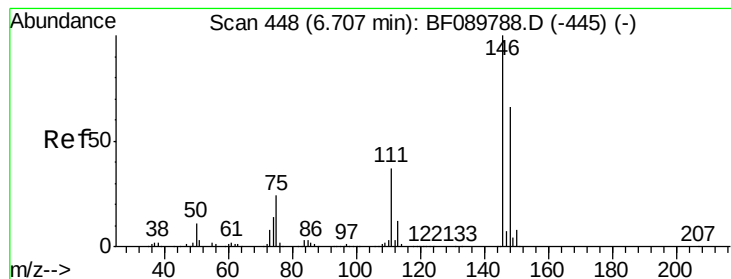
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.6	55.8	95.8
95	32.6	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 9.95 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.4
75	21.0	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 9.75 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

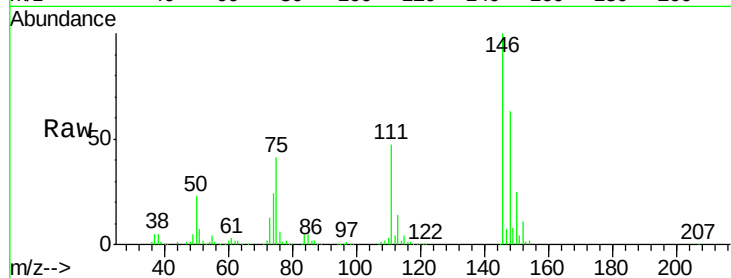
Tot Ion:146 Resp: 451429

Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

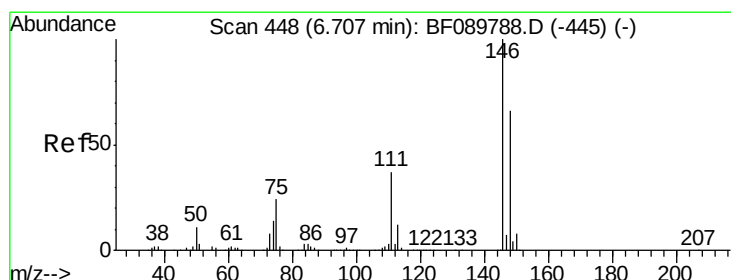
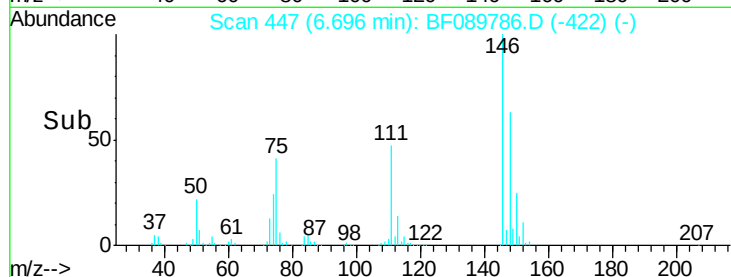
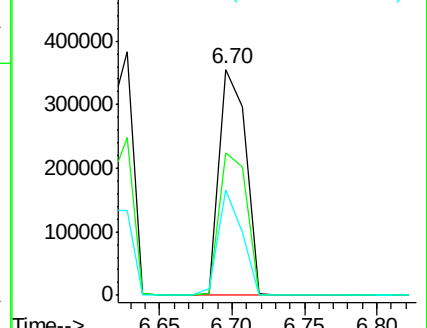
111 46.5 34.6 52.0



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: 10.57 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

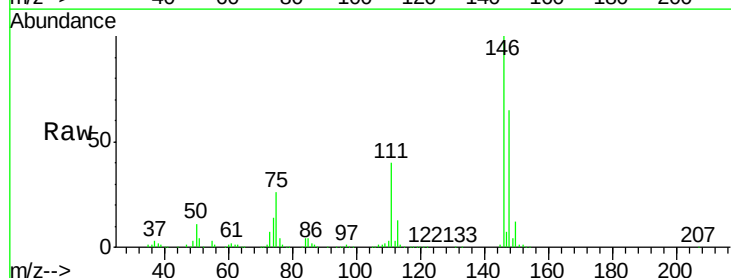
Tgt Ion:146 Resp: 466630

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

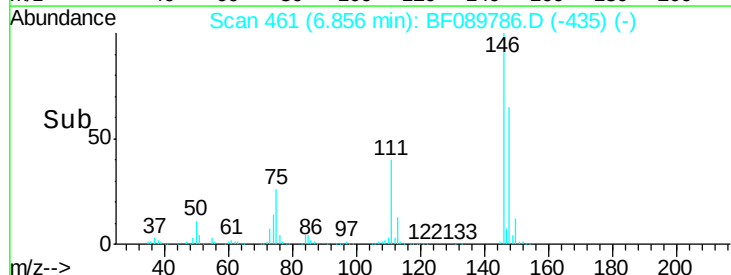
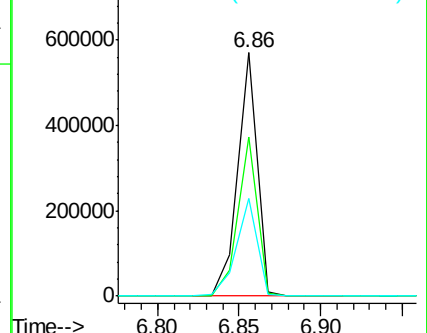
111 40.0 29.8 44.6

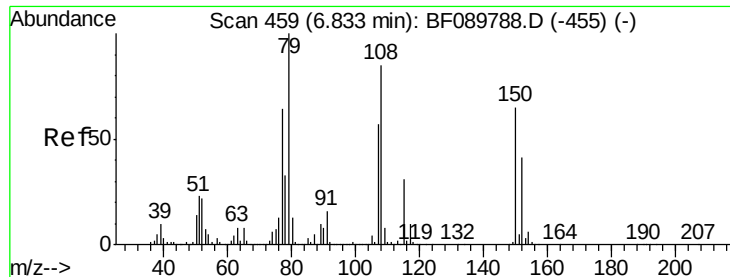


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.44 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

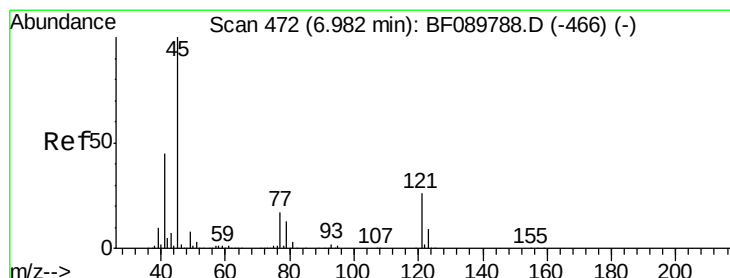
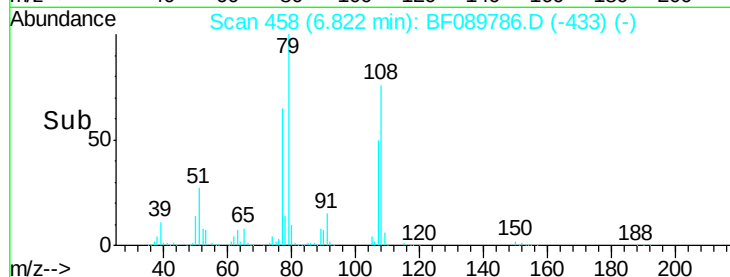
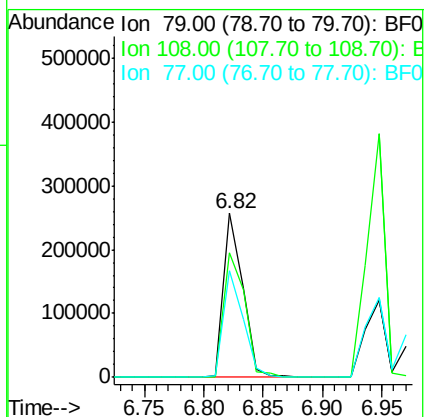
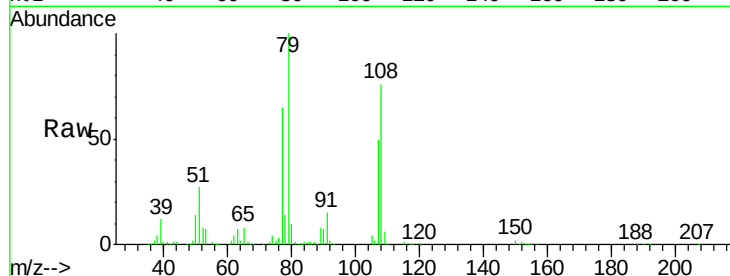
Tot Ion: 79 Resp: 288275

Ion Ratio Lower Upper

79 100

108 75.6 62.5 93.7

77 65.1 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.30 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

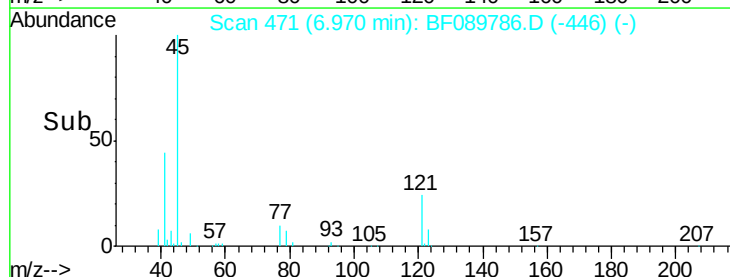
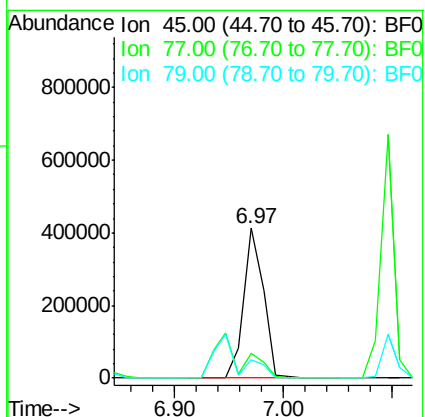
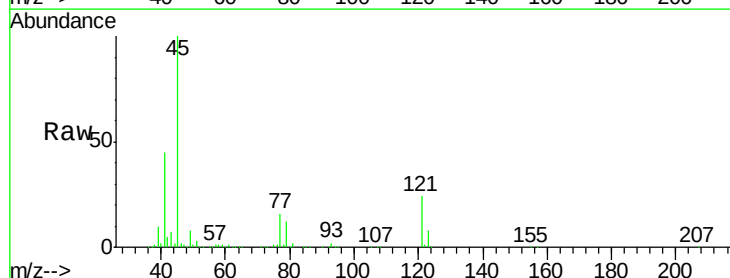
Tgt Ion: 45 Resp: 514459

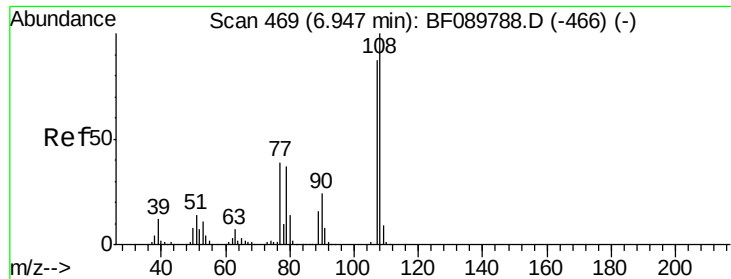
Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.5

79 11.9 0.0 30.7

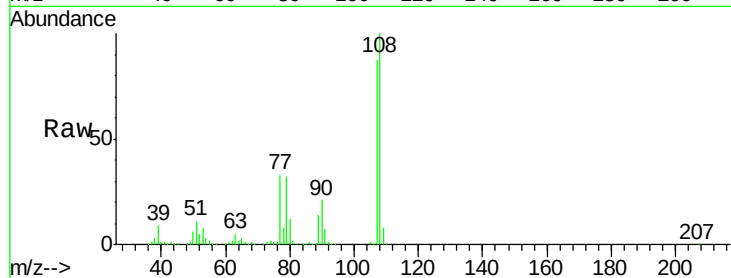




#17
2-Methylphenol
Concen: 9.92 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.0	136.4
77	37.9	37.4	56.0
79	36.8	36.6	55.0



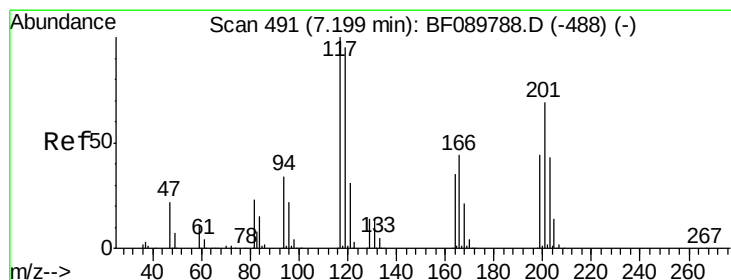
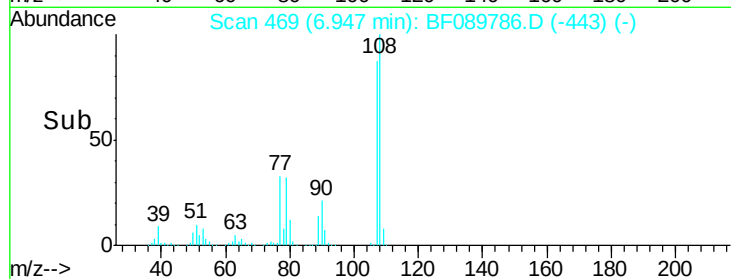
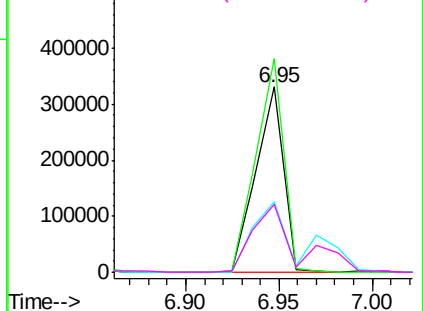
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

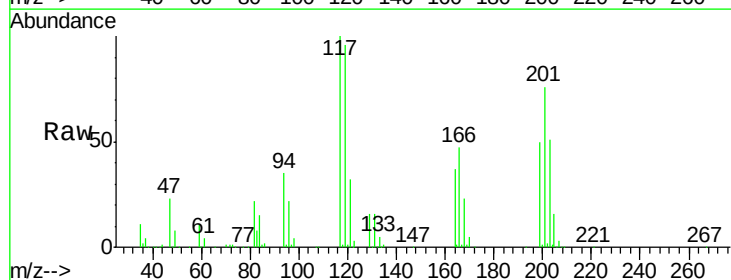
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 9.71 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.1	115.7
201	76.3	76.9	115.3#

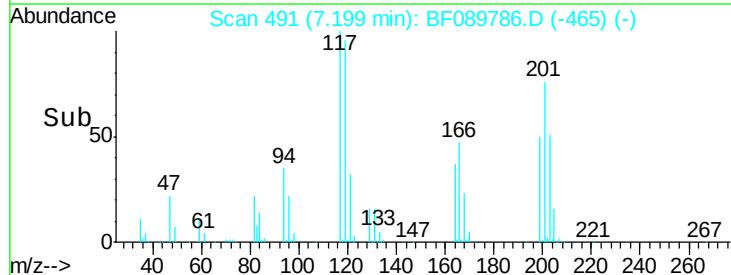
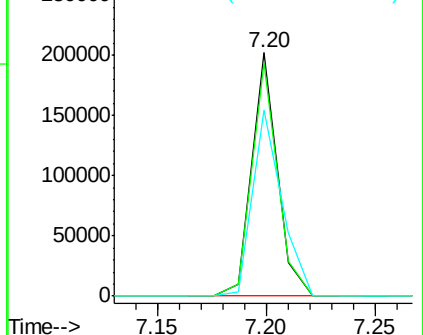


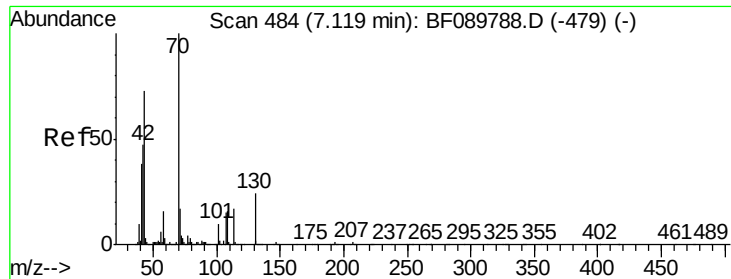
Abundance

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

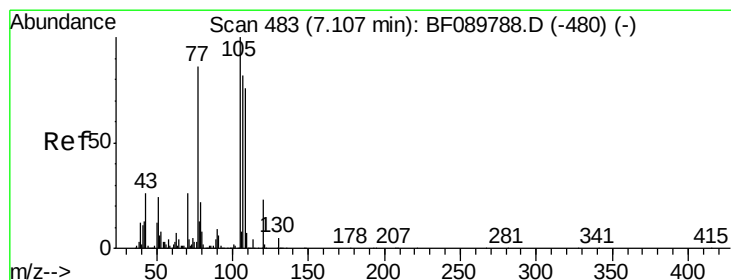
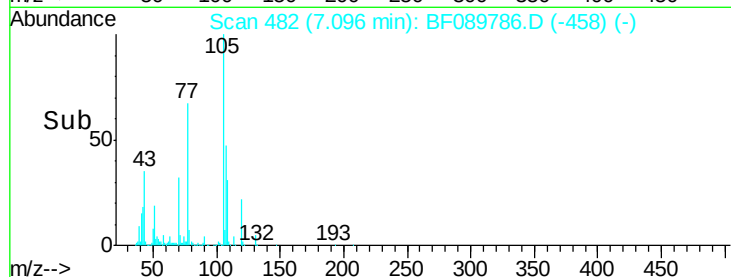
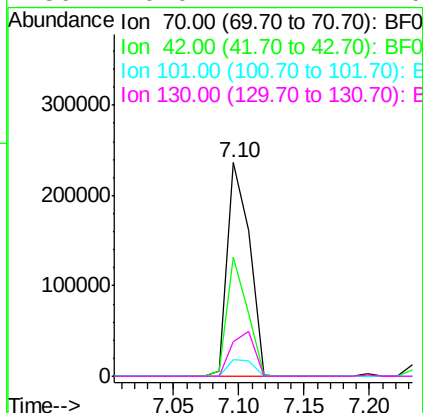
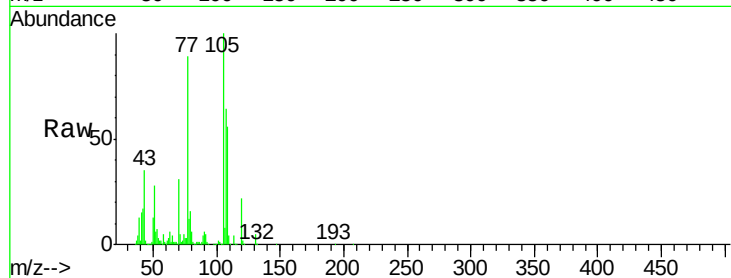




#19
n-Nitroso-di-n-propylamine
Concen: 9.33 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

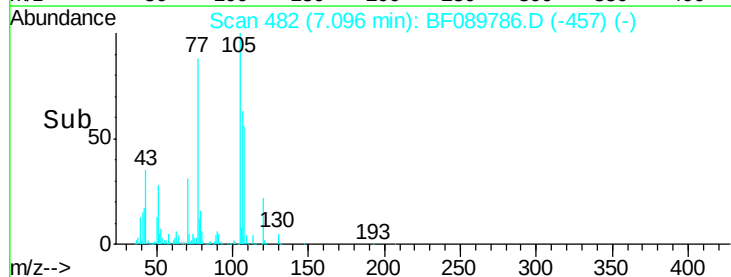
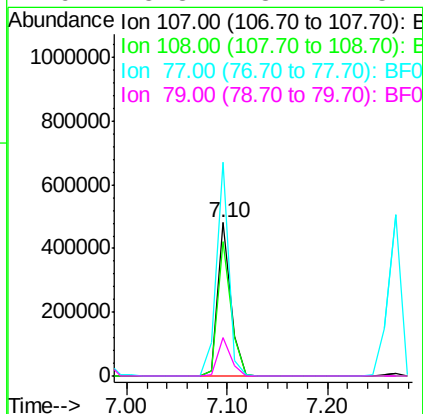
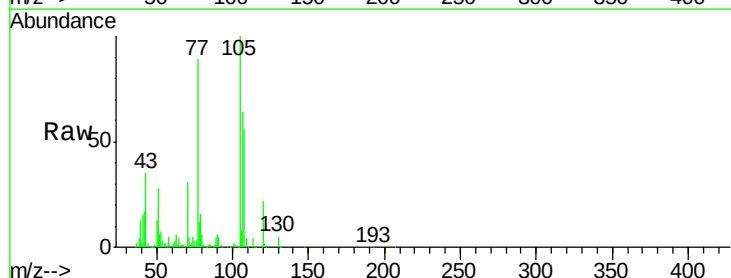
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

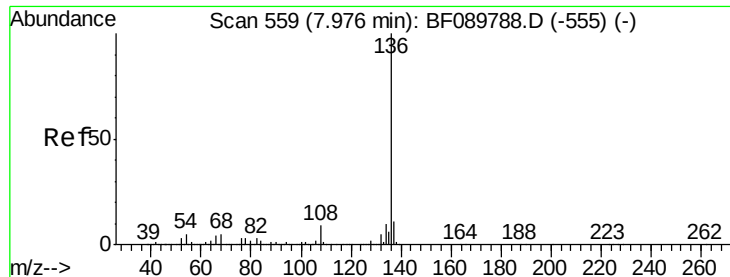
Tot Ion:	70	Resp:	279260
Ion	Ratio	Lower	Upper
70	100		
42	55.8	46.3	69.5
101	7.8	7.0	10.6
130	16.0	14.4	21.6



#20
3+4-Methylphenols
Concen: 9.99 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:	107	Resp:	434349
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	139.4	122.3	162.3
79	25.3	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:136 Resp: 2152844

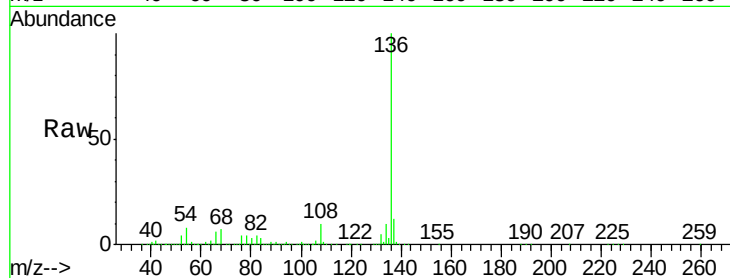
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 8.1 7.2 10.8

68 7.3 5.8 8.8

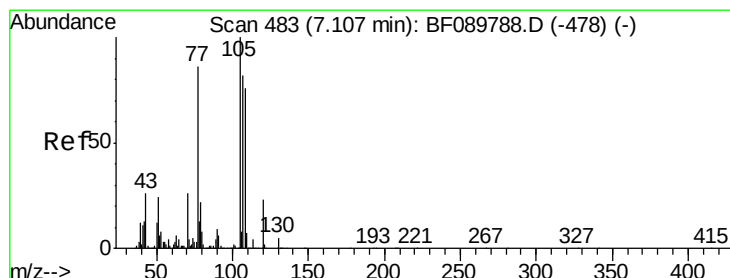
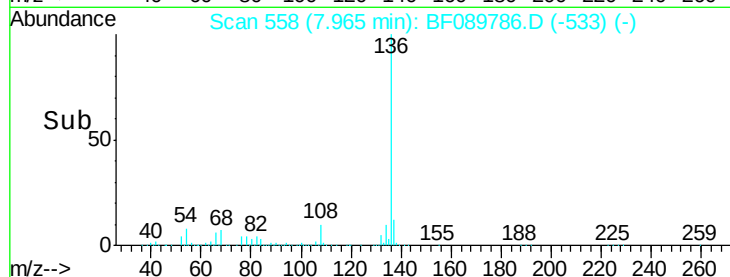
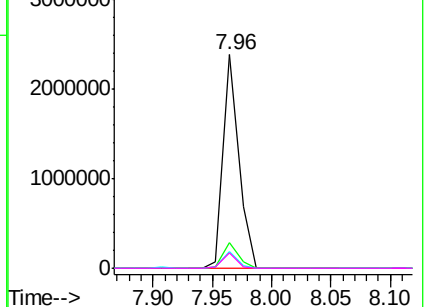


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 12.28 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Tgt Ion:105 Resp: 614357

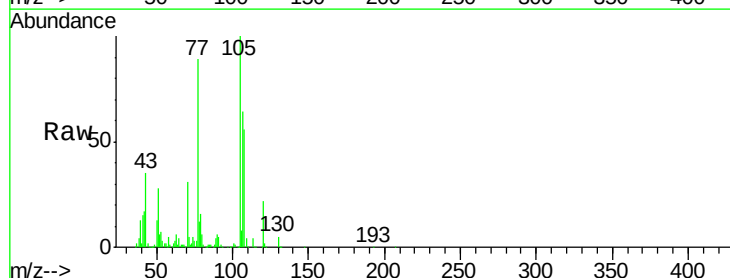
Ion Ratio Lower Upper

105 100

71 5.0 1.9 2.9#

51 27.9 28.5 42.7#

120 22.0 16.6 25.0

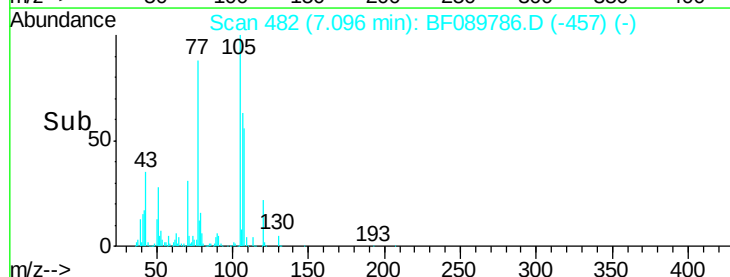
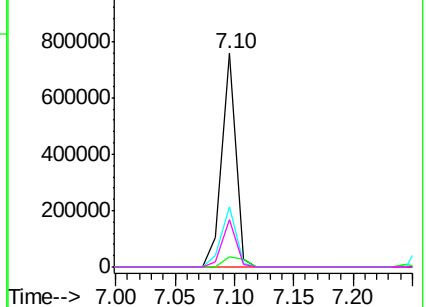


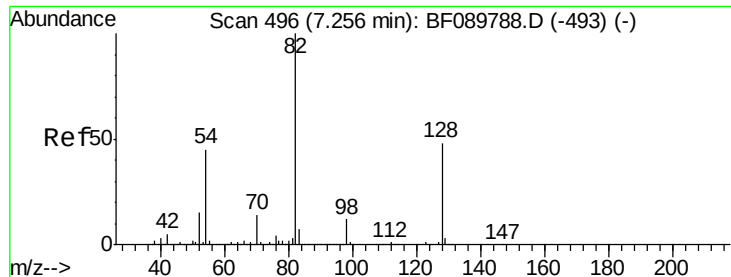
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

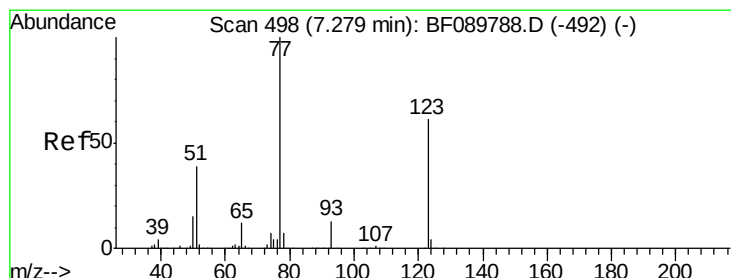
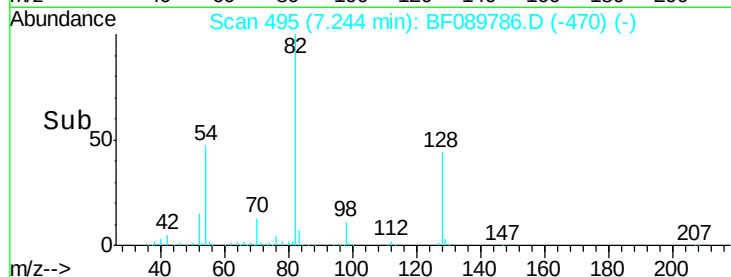
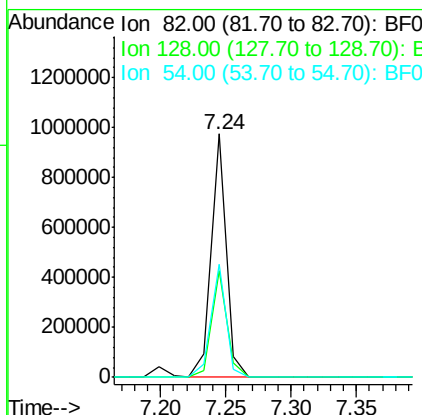
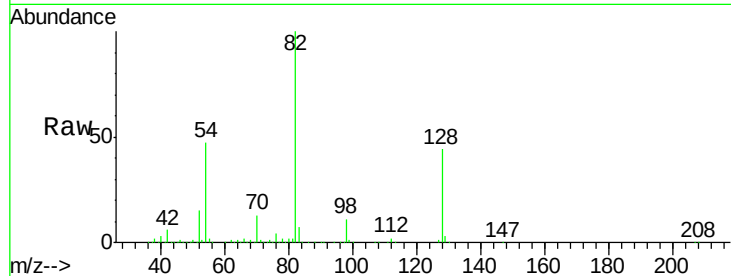




#23
 Nitrobenzene-d5
 Concen: 22.43 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

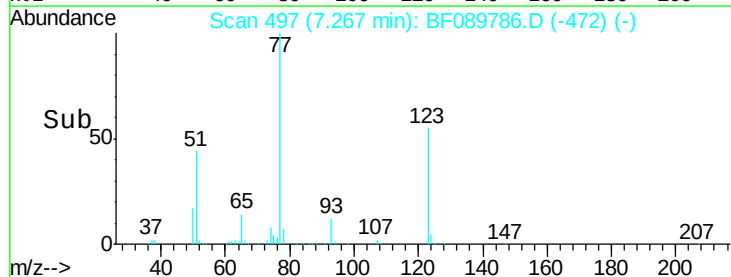
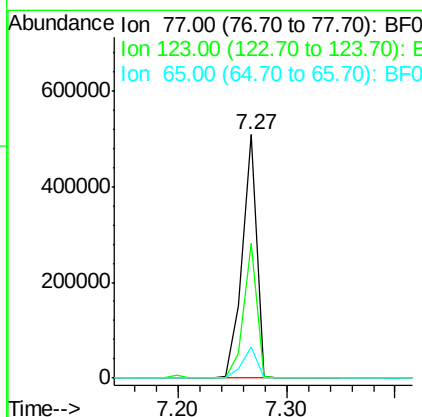
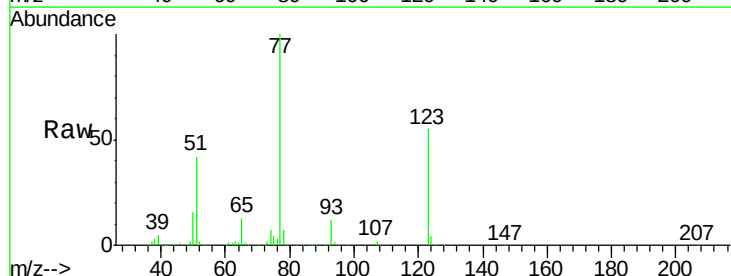
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

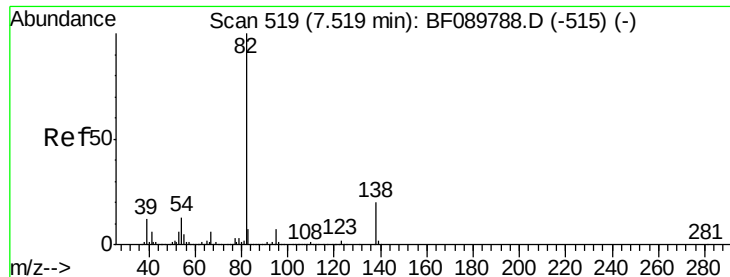
Tot Ion	82	Resp	790762
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.4	51.6
54	46.5	40.3	60.5



#24
 Nitrobenzene
 Concen: 11.59 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Tgt Ion	77	Resp	459471
Ion Ratio	Lower	Upper	
77	100		
123	55.4	36.2	54.2#
65	12.6	10.6	15.8





#25

Isophorone

Concen: 11.44 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

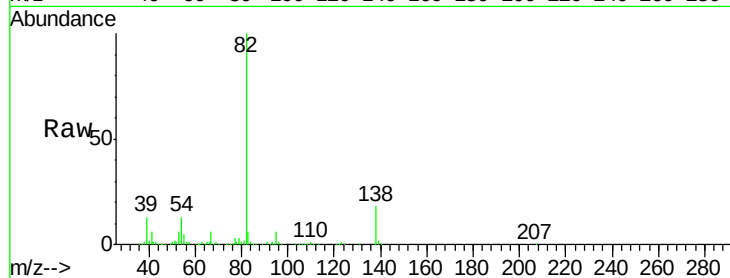
Tot Ion: 82 Resp: 807233

Ion Ratio Lower Upper

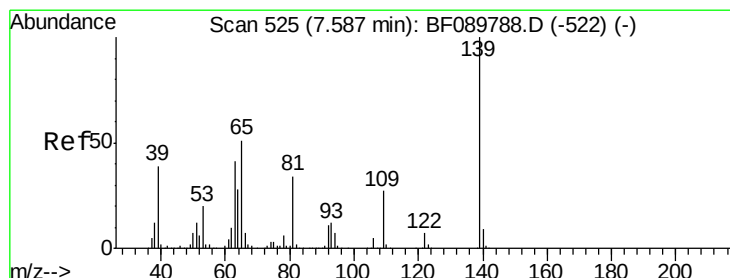
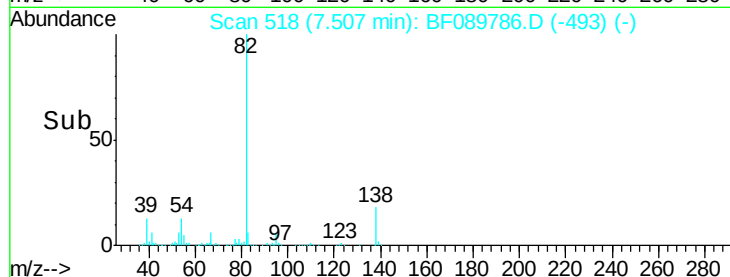
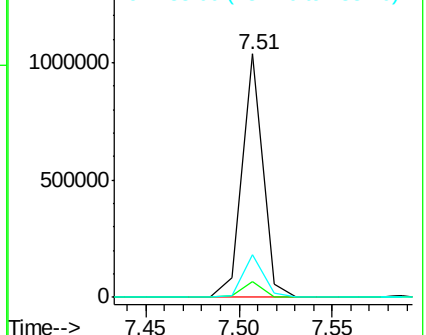
82 100

95 6.5 5.3 7.9

138 17.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 11.58 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

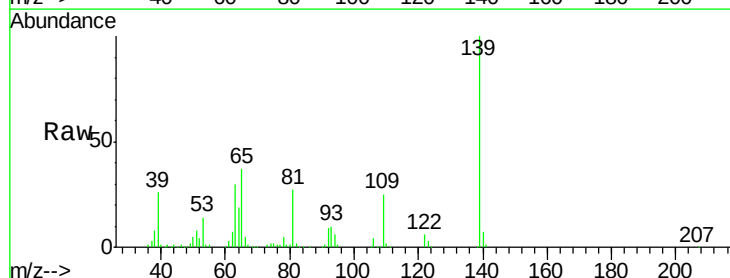
Tgt Ion: 139 Resp: 216169

Ion Ratio Lower Upper

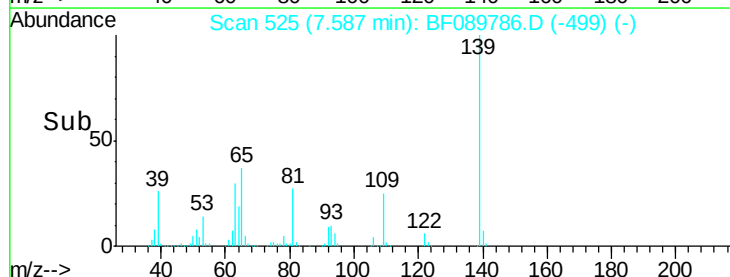
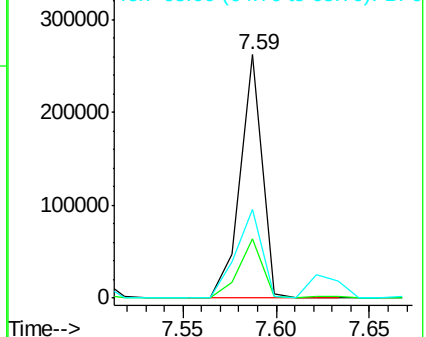
139 100

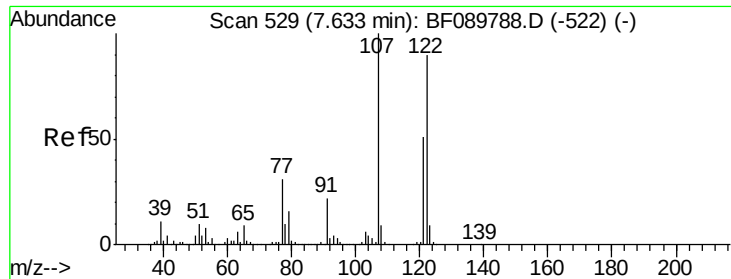
109 24.5 19.5 29.3

65 36.7 26.5 39.7



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





#27

2,4-Dimethylphenol

Concen: 10.58 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

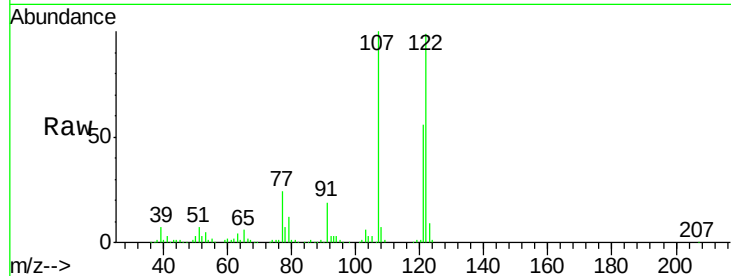
Tot Ion:122 Resp: 374070

Ion Ratio Lower Upper

122 100

107 100.9 84.8 127.2

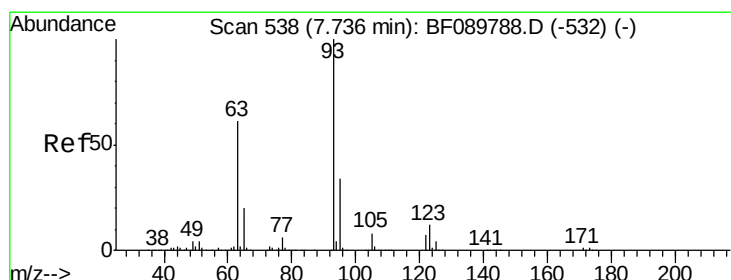
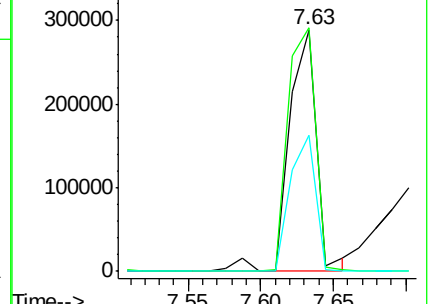
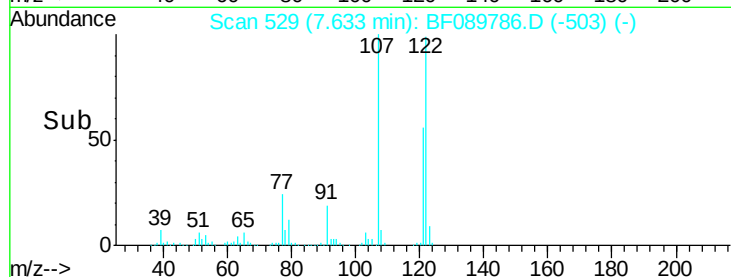
121 56.5 47.0 70.6



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: 11.24 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

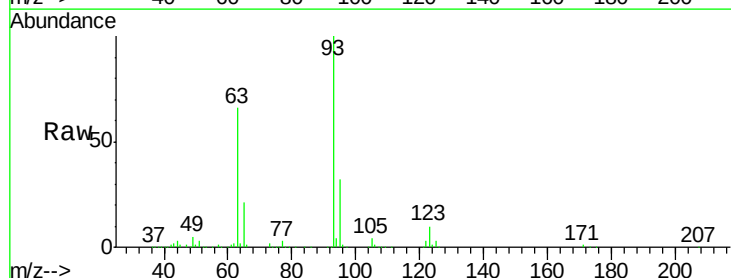
Tgt Ion: 93 Resp: 481753

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

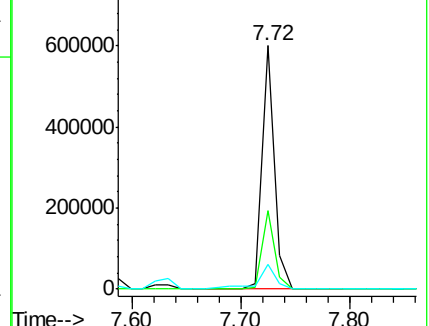
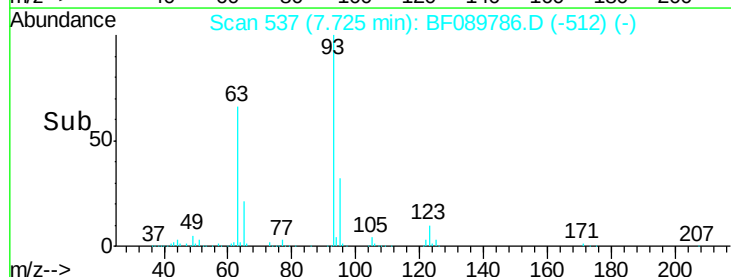
123 10.4 8.5 12.7

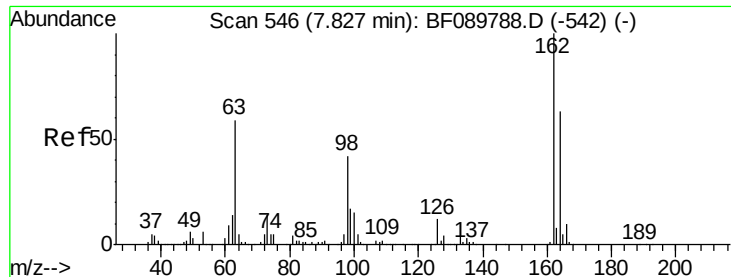


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

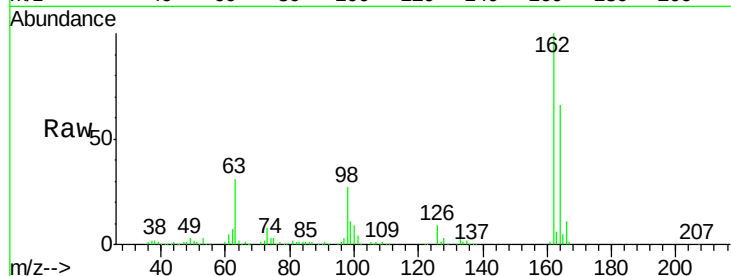




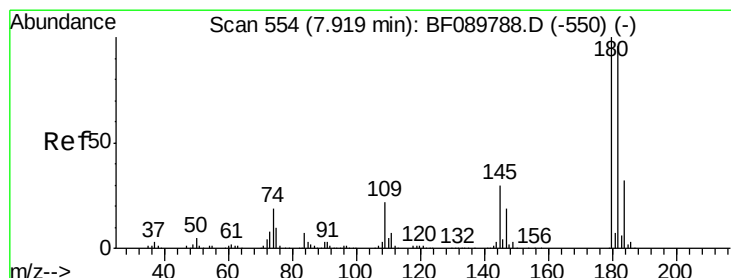
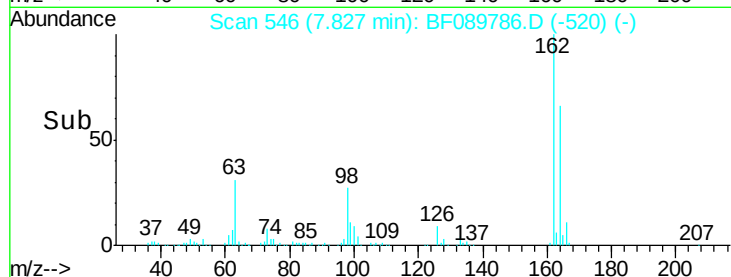
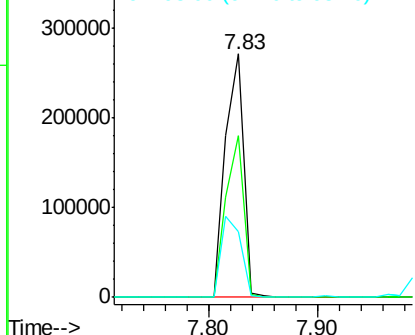
#29
 2,4-Dichlorophenol
 Concen: 10.75 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.5	85.5
98	26.9	12.4	52.4

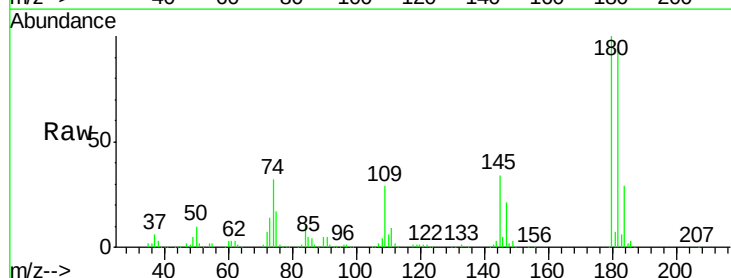


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

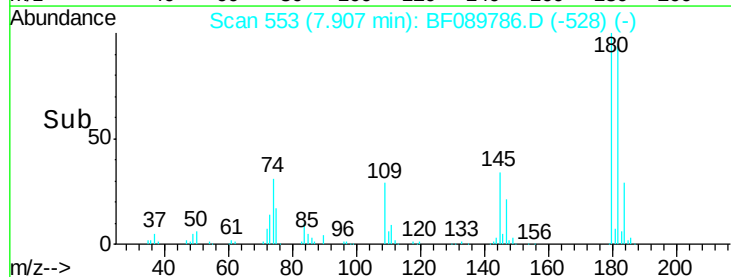
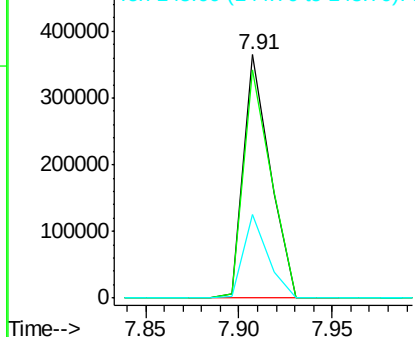


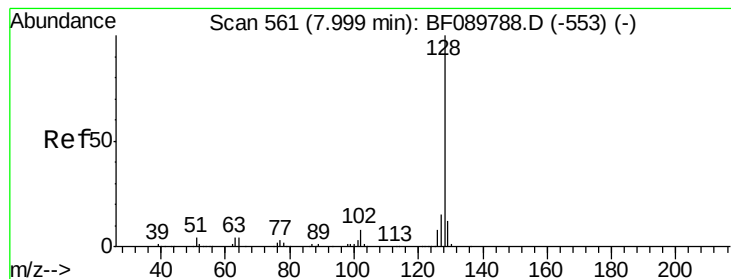
#30
 1,2,4-Trichlorobenzene
 Concen: 11.45 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.5	113.3
145	34.2	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: 13.12 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

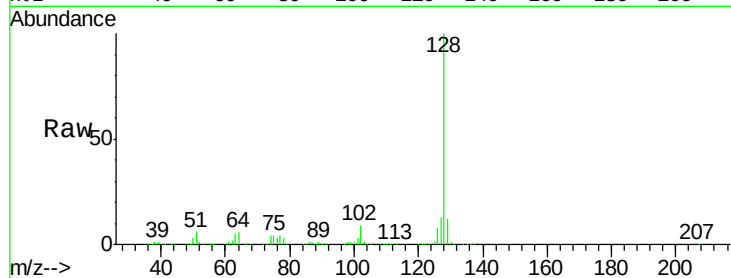
Tot Ion:128 Resp: 1267556

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

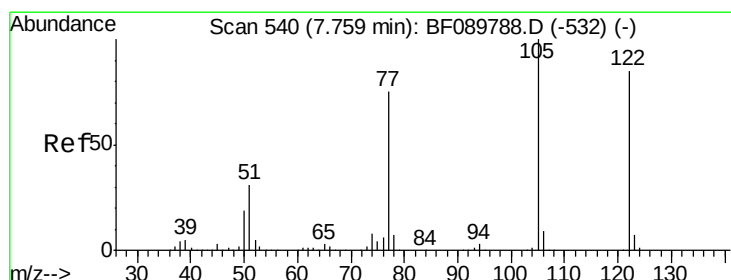
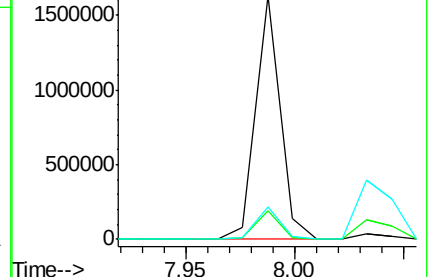
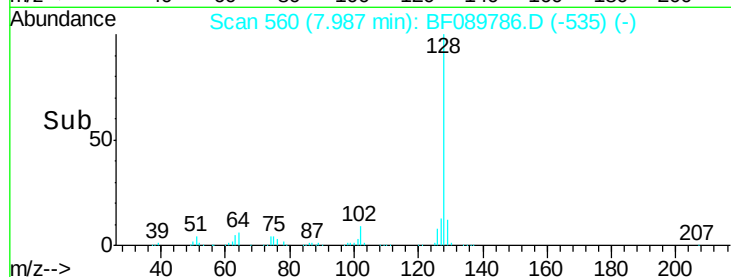
127 13.3 11.3 16.9



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: 8.76 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.06 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

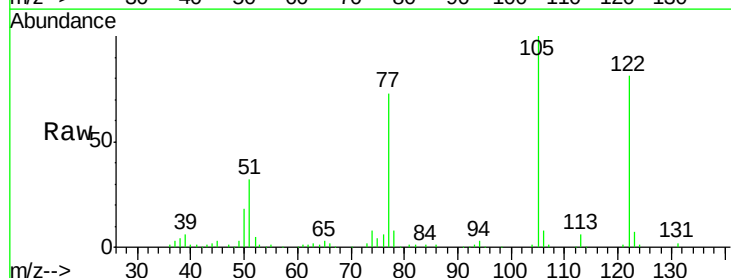
Tgt Ion:122 Resp: 240952

Ion Ratio Lower Upper

122 100

105 123.2 100.8 140.8

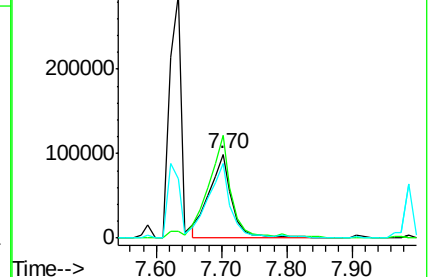
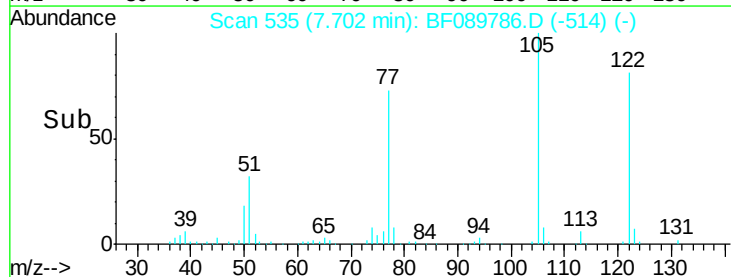
77 89.7 72.1 112.1

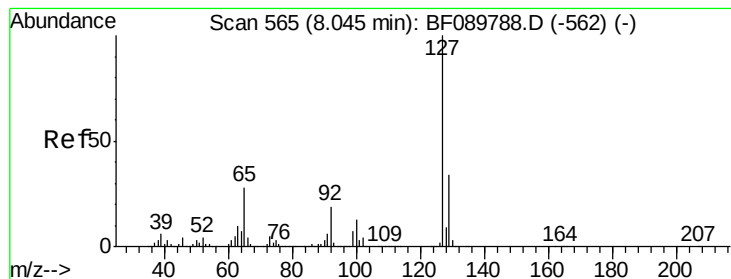


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.45 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:127 Resp: 467423

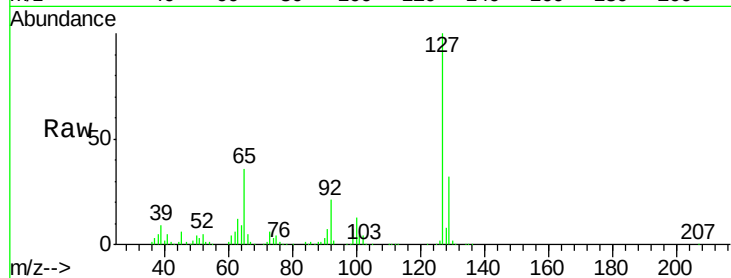
Ion Ratio Lower Upper

127 100

129 32.3 27.0 40.6

65 35.7 14.7 22.1#

92 21.1 11.7 17.5#



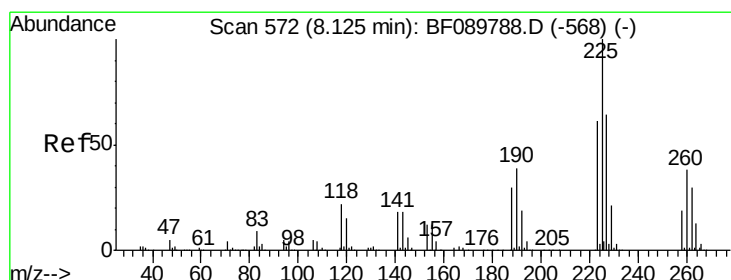
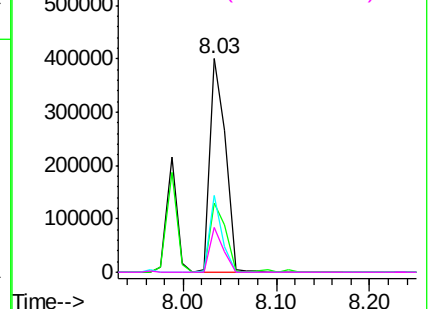
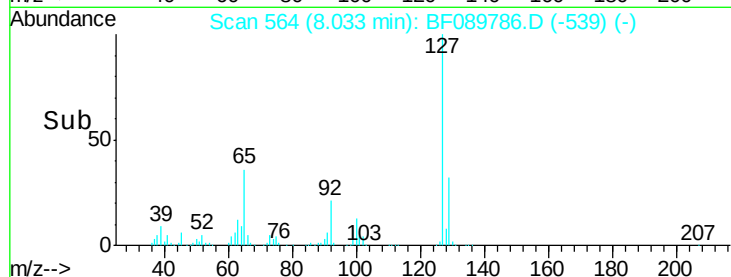
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 11.59 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

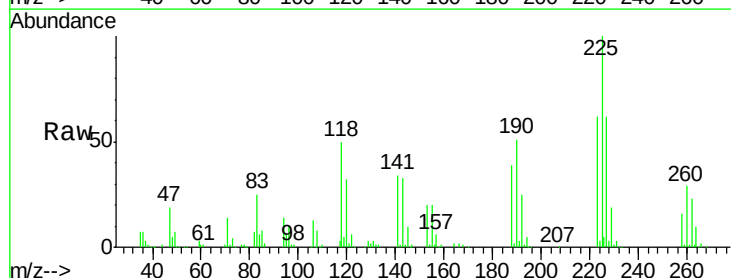
Tgt Ion:225 Resp: 192470

Ion Ratio Lower Upper

225 100

223 62.4 51.0 76.6

227 62.4 49.8 74.6

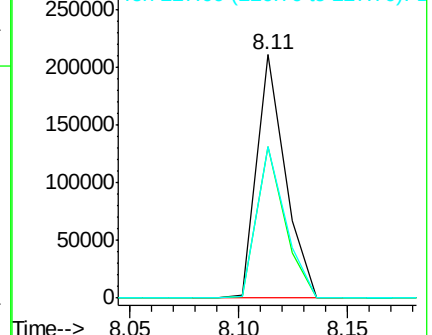
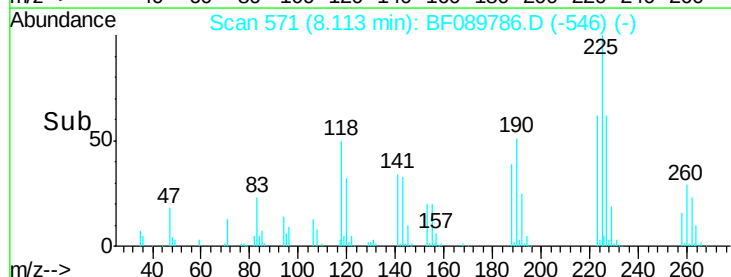


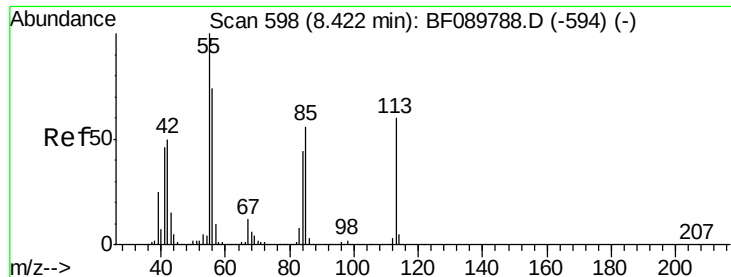
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 10.84 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.05 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

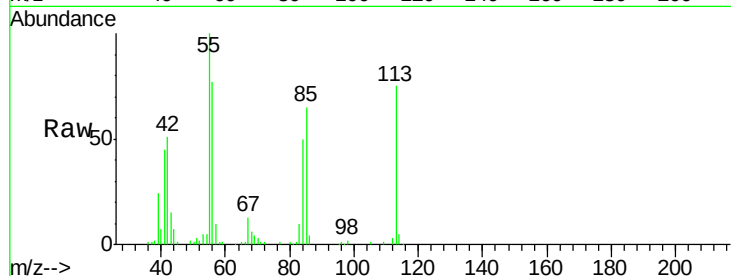
Tot Ion:113 Resp: 98402

Ion Ratio Lower Upper

113 100

55 133.8 135.9 175.9#

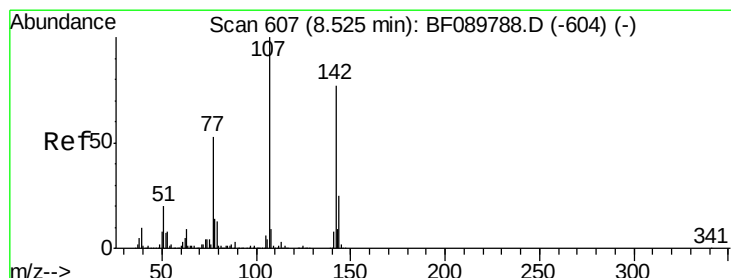
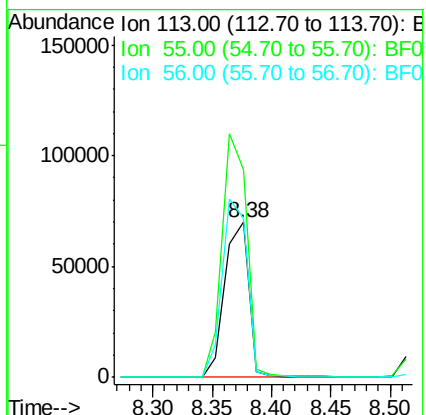
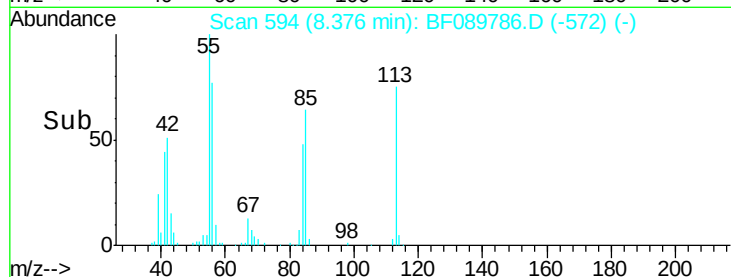
56 102.8 93.9 133.9



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: 10.35 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

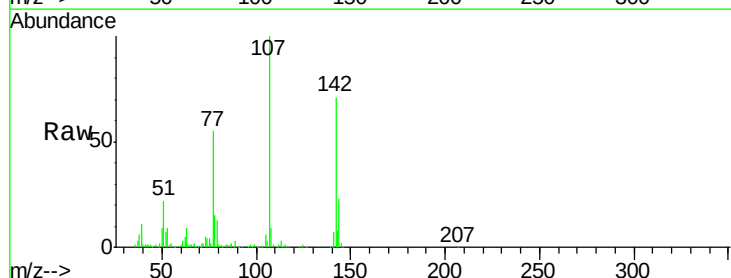
Tgt Ion:107 Resp: 331804

Ion Ratio Lower Upper

107 100

144 22.8 22.6 34.0

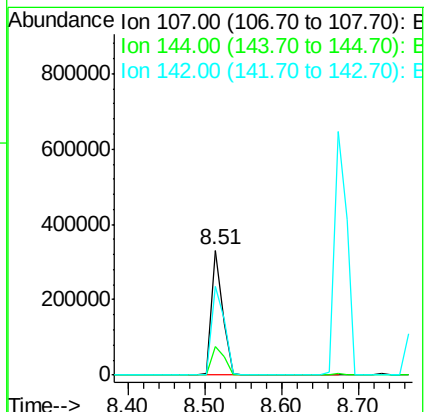
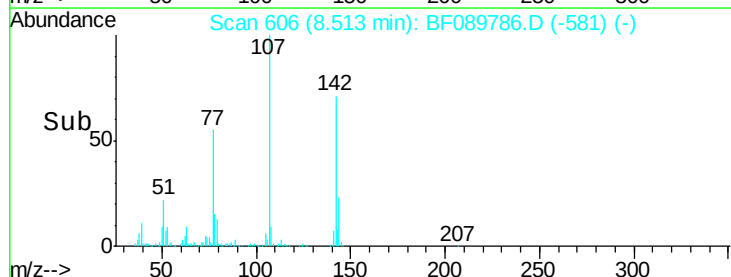
142 71.2 69.3 103.9

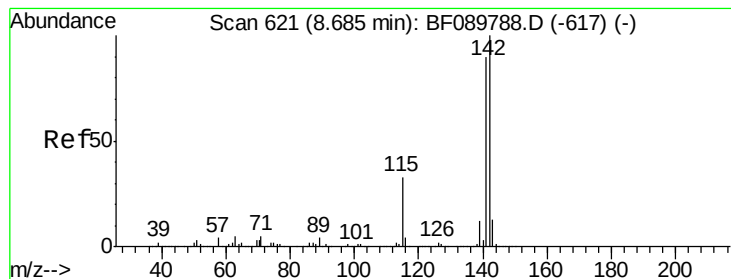


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

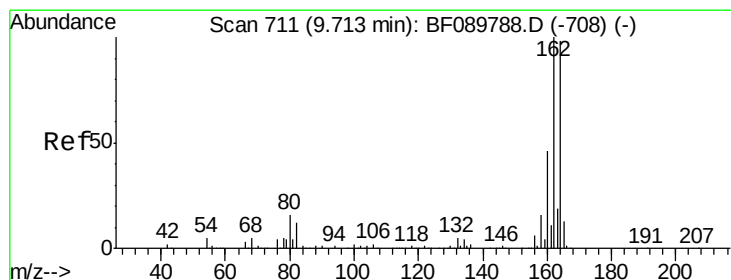
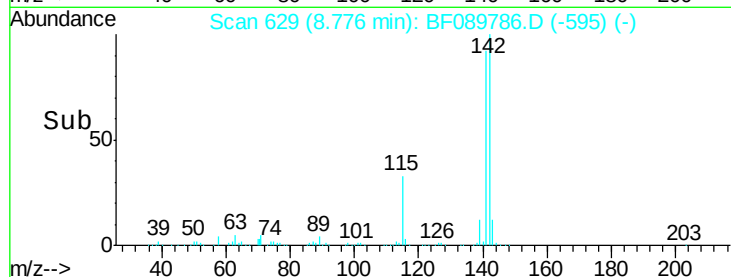
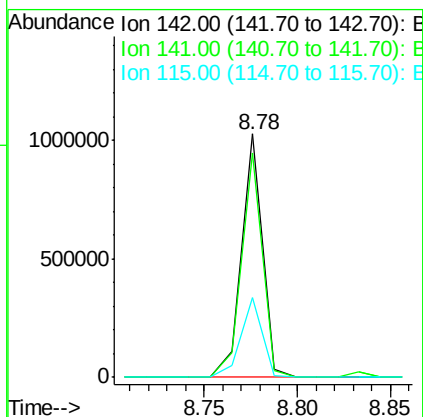
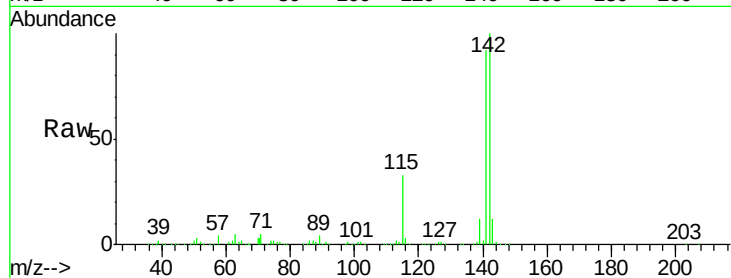




#37
2-Methylnaphthalene
Concen: 12.24 ng
RT: 8.78 min Scan# 629
Delta R.T. 0.09 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

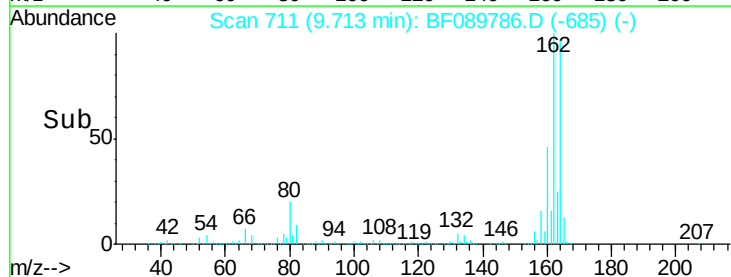
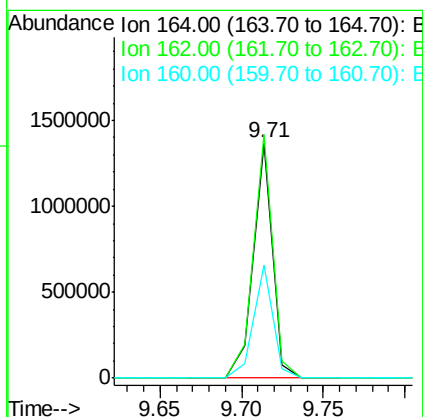
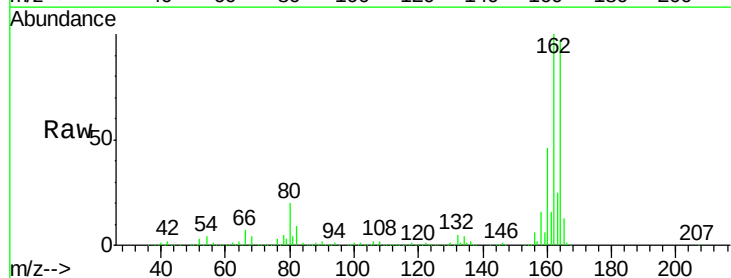
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

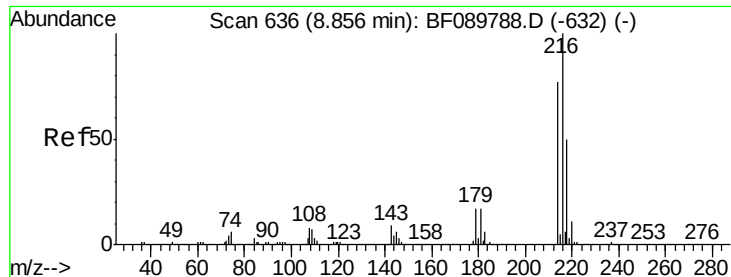
Tot Ion:142 Resp: 804819
Ion Ratio Lower Upper
142 100
141 92.2 71.4 107.2
115 32.9 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:164 Resp: 1121179
Ion Ratio Lower Upper
164 100
162 103.5 81.4 122.2
160 47.9 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 11.88 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

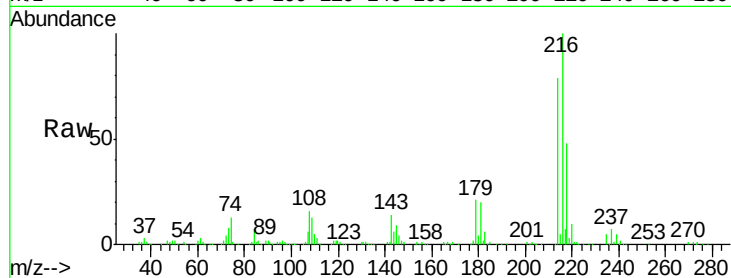
Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tot Ion:	216	Resp:	428053
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	21.9	19.9	29.9
108	19.0	19.9	29.9#

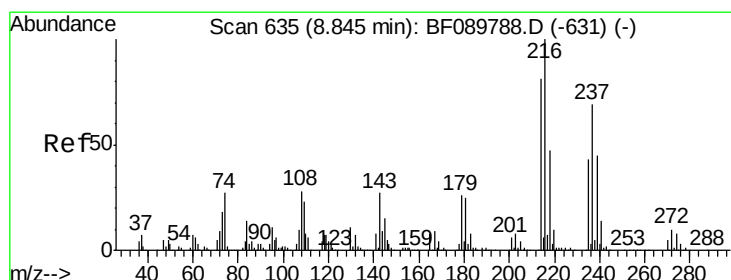
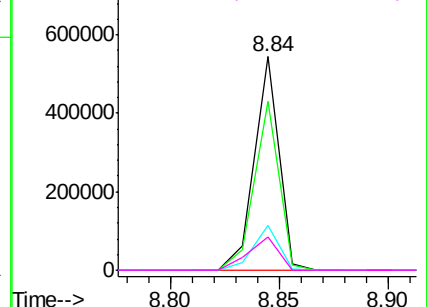
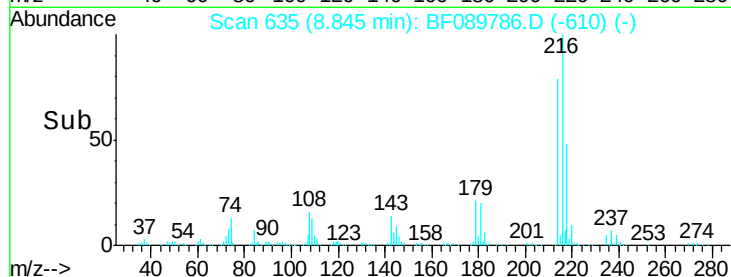


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.42 ng

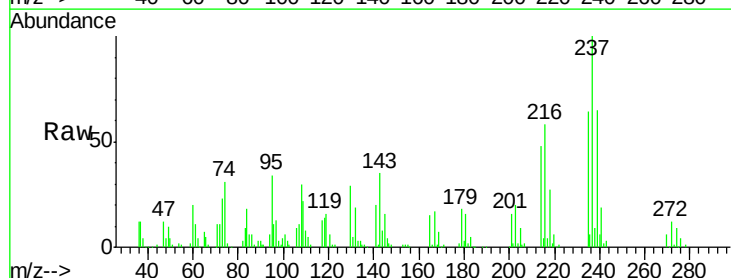
RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

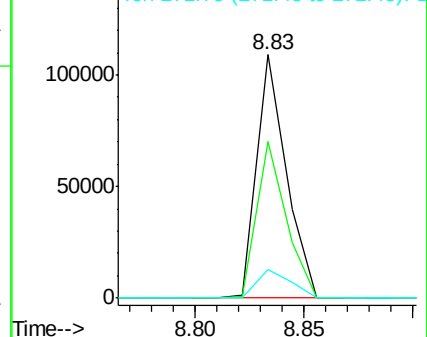
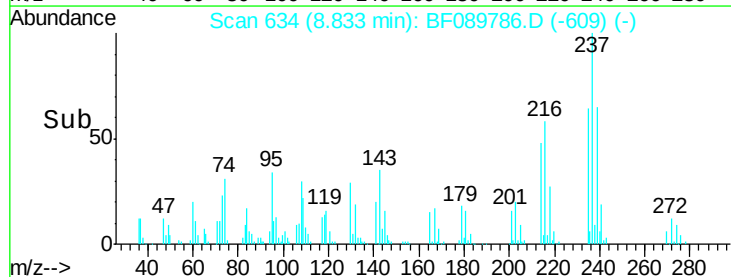
Tgt Ion:	237	Resp:	103166
Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.7	83.7
272	11.9	0.0	31.6

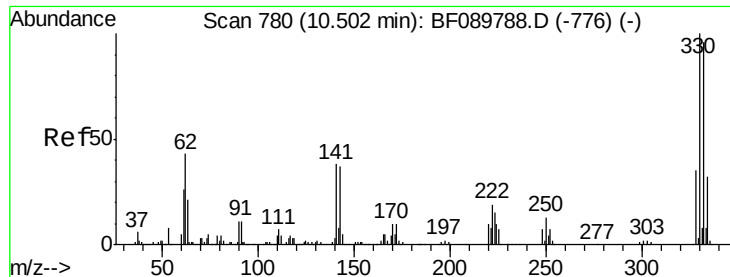


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

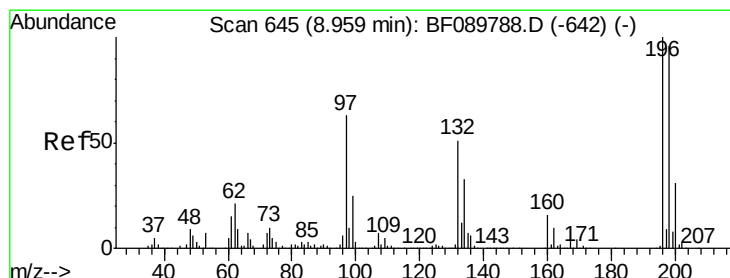
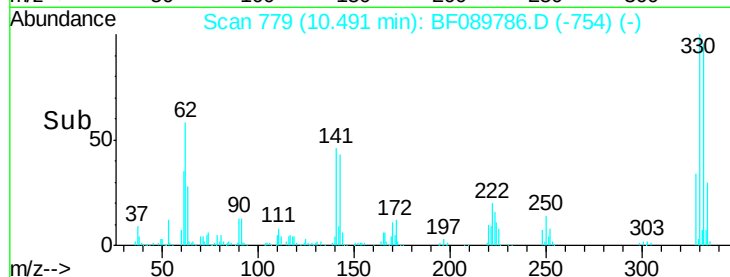
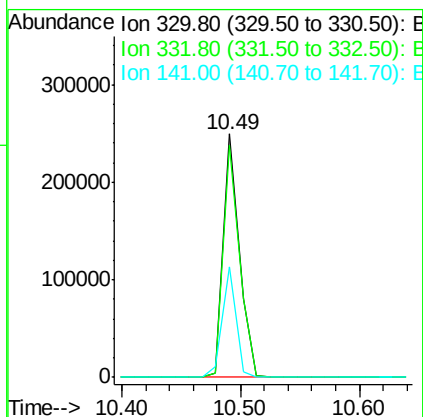
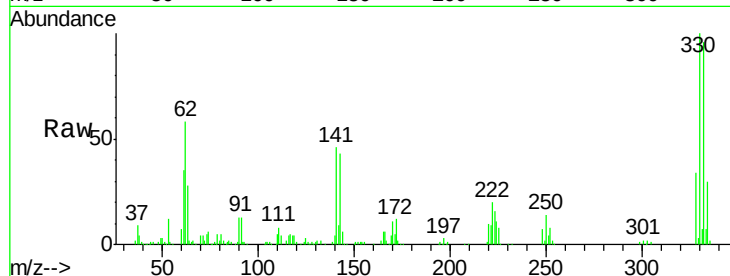




#41
 2,4,6-Tribromophenol
 Concen: 21.48 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

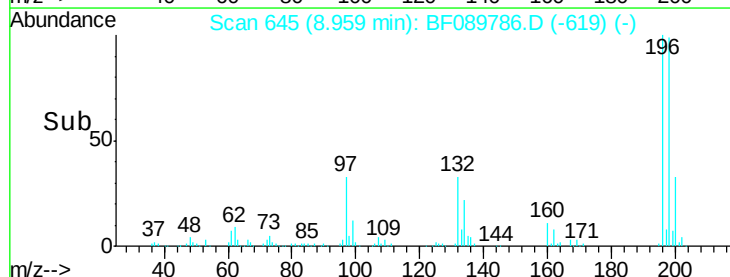
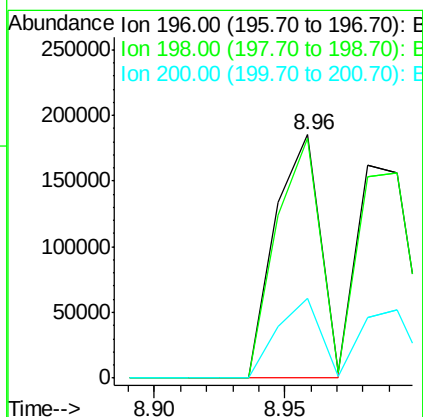
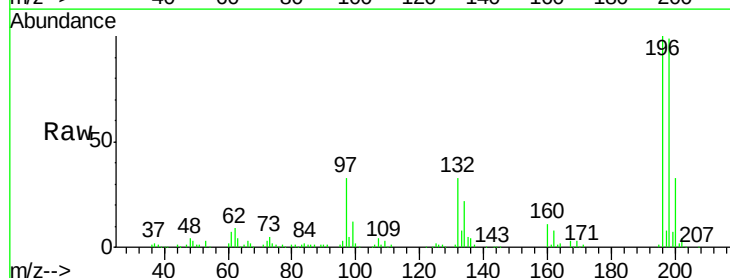
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

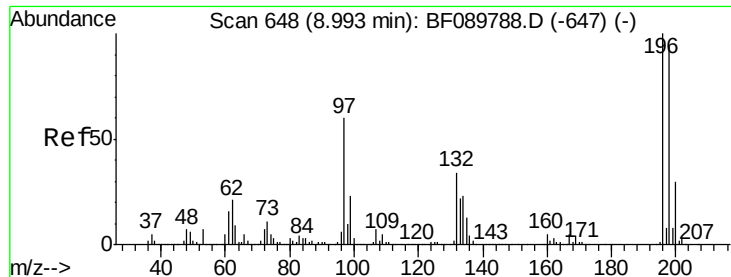
Tot Ion:330 Resp: 232972
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 38.8 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 9.54 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Tgt Ion:196 Resp: 222172
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.3 114.5
 200 32.7 24.6 36.8

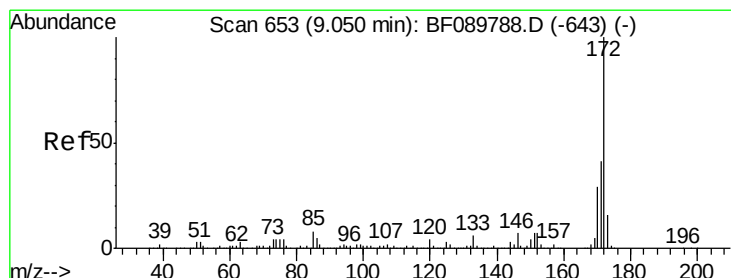
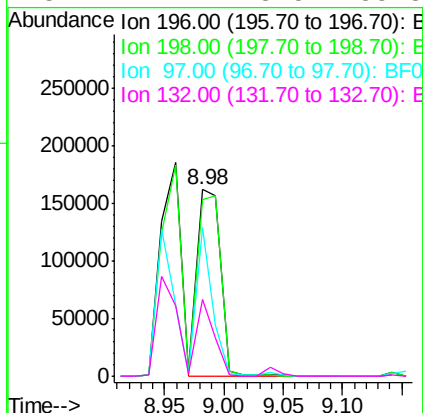
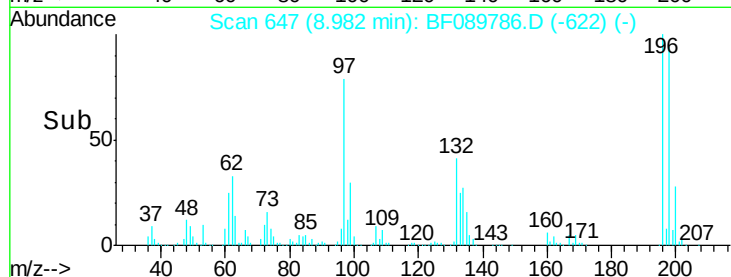
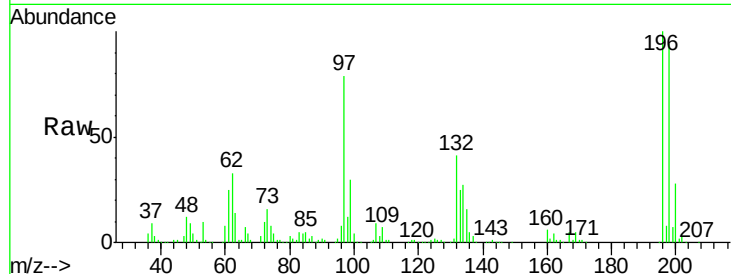




#43
 2,4,5-Trichlorophenol
 Concen: 10.11 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

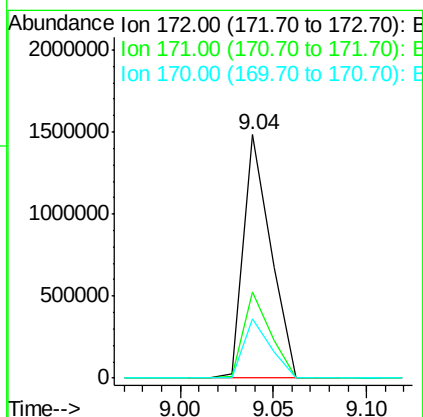
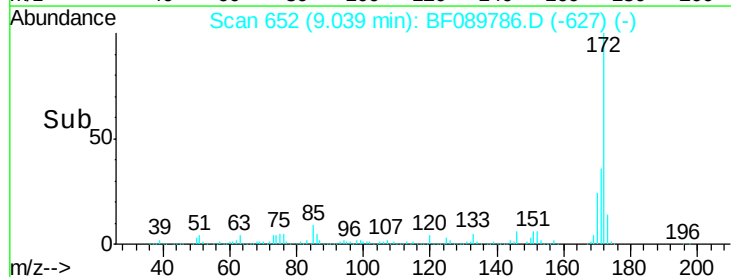
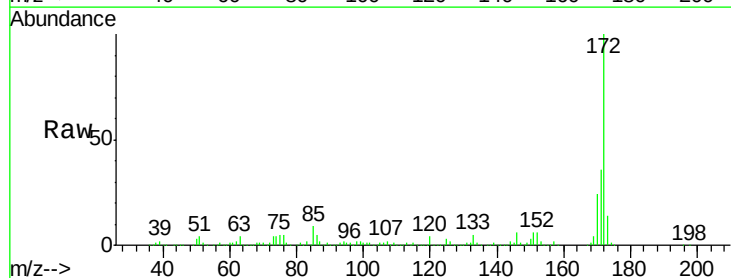
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

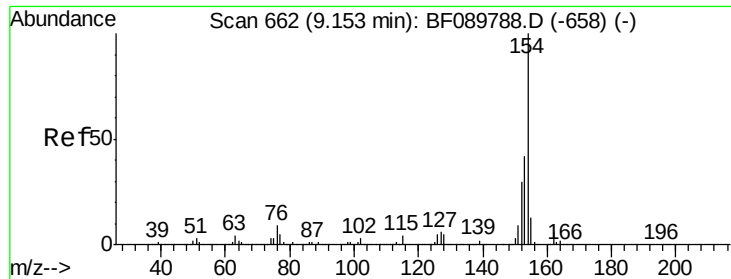
Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	94.3	76.6	114.8	
97	79.4	35.8	53.8	#
132	41.4	23.5	35.3	#



#44
 2-Fluorobiphenyl
 Concen: 21.44 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.6	30.5	45.7	
170	24.3	20.6	31.0	





#45

1,1'-Biphenyl

Concen: 11.44 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

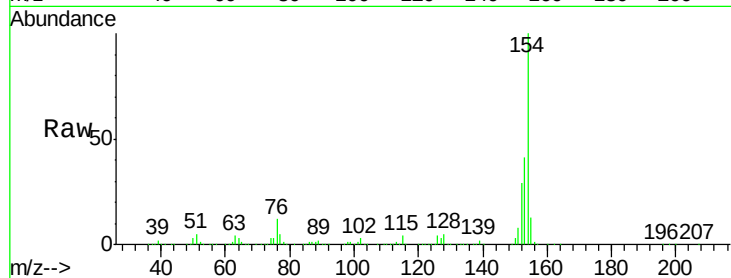
Tot Ion:154 Resp: 1062668

Ion Ratio Lower Upper

154 100

153 40.5 21.5 61.5

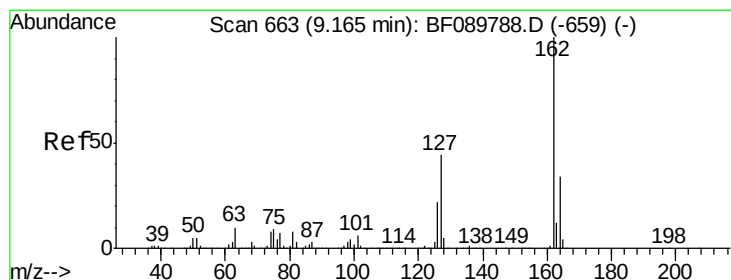
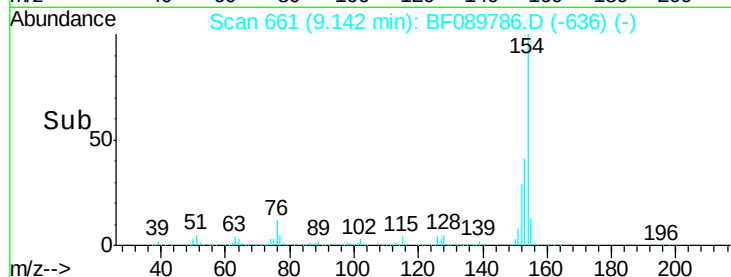
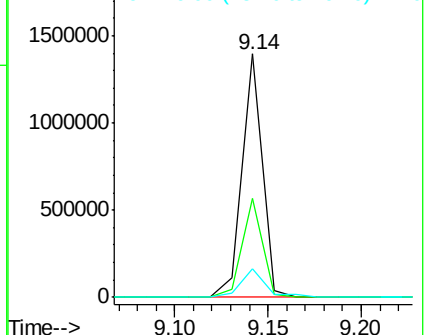
76 11.5 0.0 36.7



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: 11.08 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

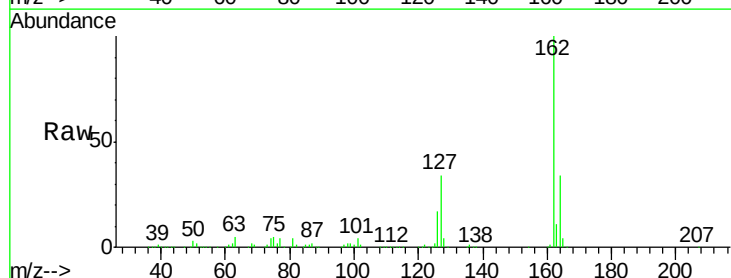
Tgt Ion:162 Resp: 770882

Ion Ratio Lower Upper

162 100

127 34.0 35.5 53.3#

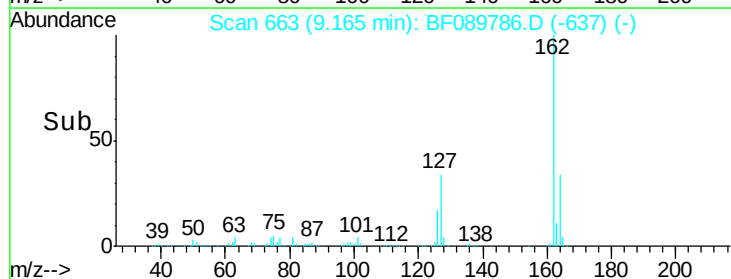
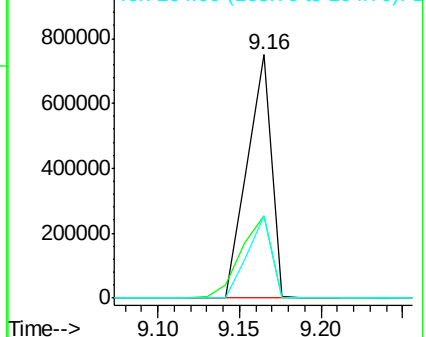
164 33.7 26.6 40.0

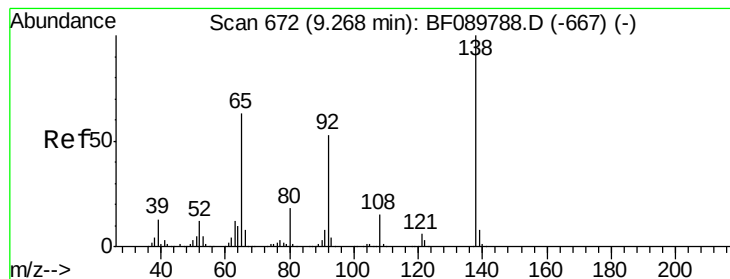


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

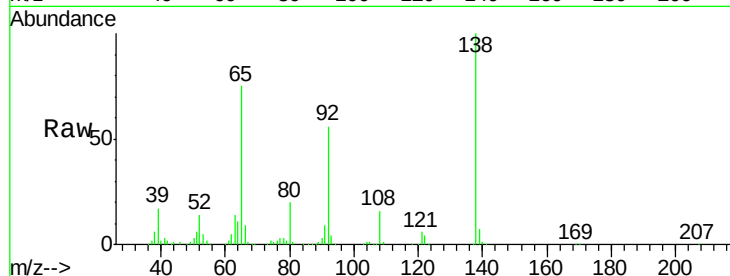




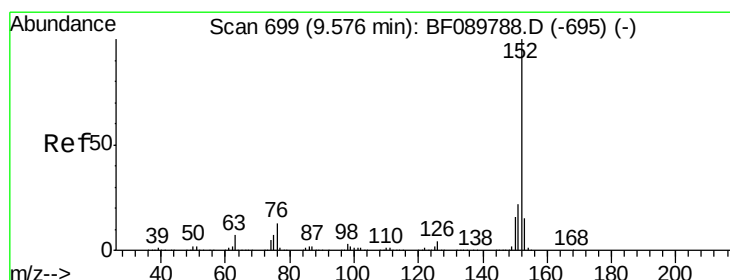
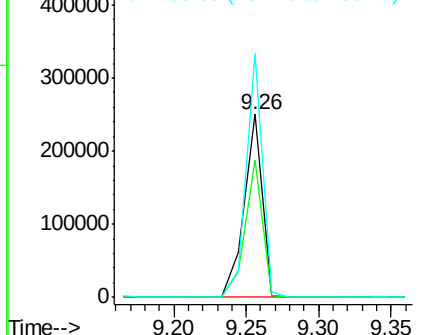
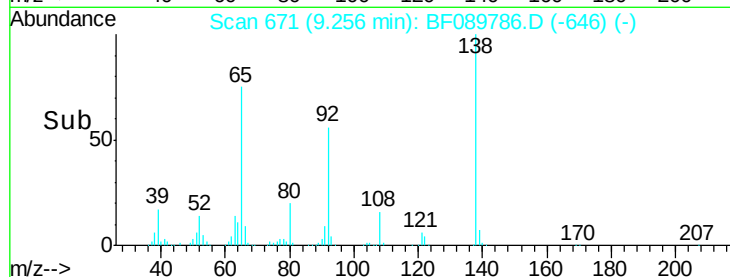
#47
2-Nitroaniline
Concen: 10.22 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion: 65 Resp: 216638
Ion Ratio Lower Upper
65 100
92 75.0 56.3 84.5
138 132.8 81.8 122.8#

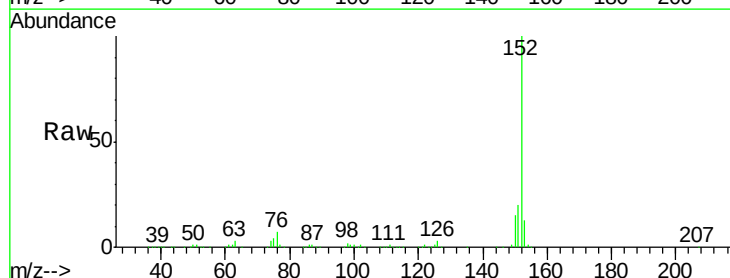


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

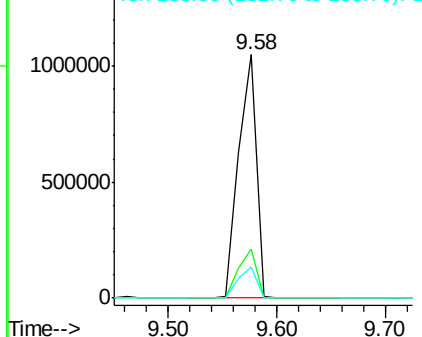
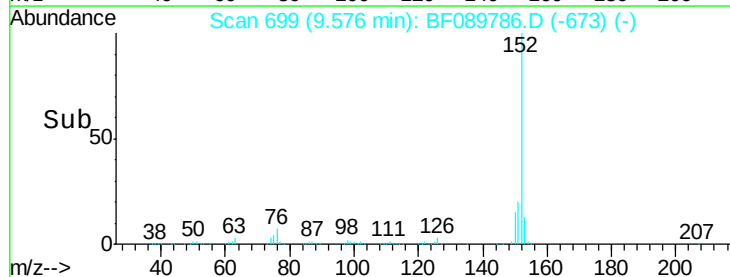


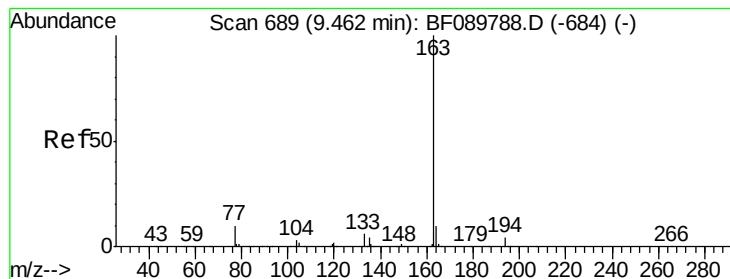
#48
Acenaphthylene
Concen: 10.82 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion: 152 Resp: 1159152
Ion Ratio Lower Upper
152 100
151 20.1 17.1 25.7
153 12.9 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: 10.18 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

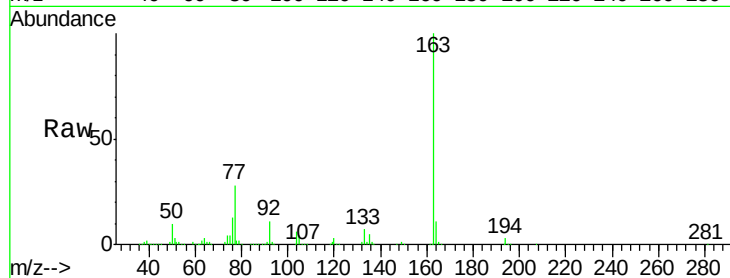
Tot Ion:163 Resp: 826066

Ion Ratio Lower Upper

163 100

194 2.8 2.6 3.8

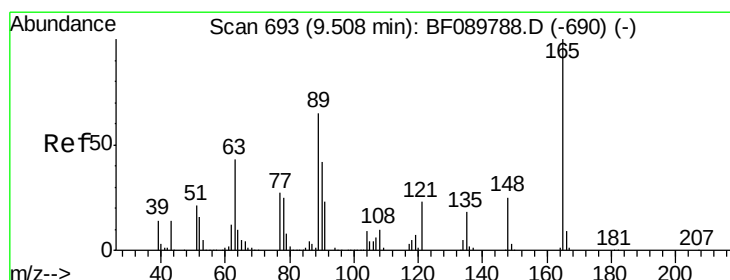
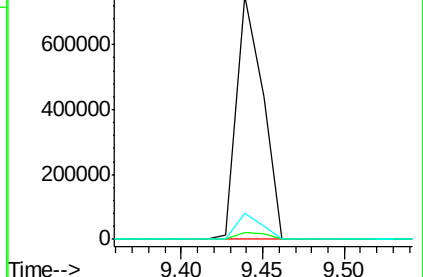
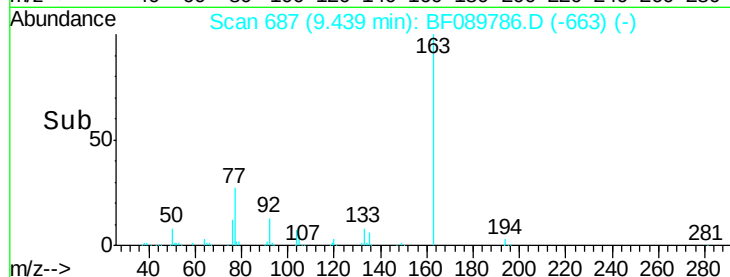
164 10.8 8.6 12.8



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: 9.69 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

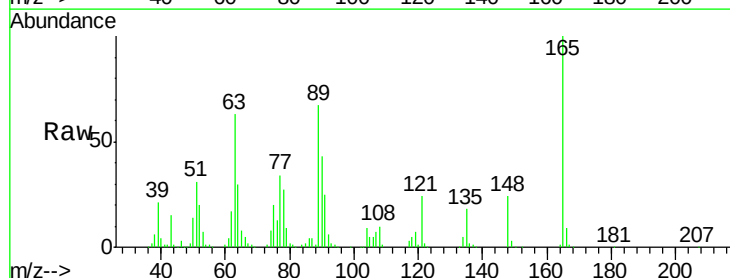
Tgt Ion:165 Resp: 178007

Ion Ratio Lower Upper

165 100

63 63.5 41.7 62.5#

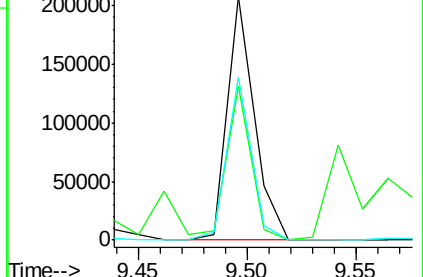
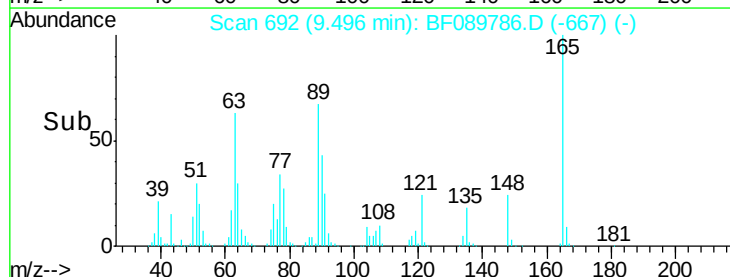
89 67.1 44.6 67.0#

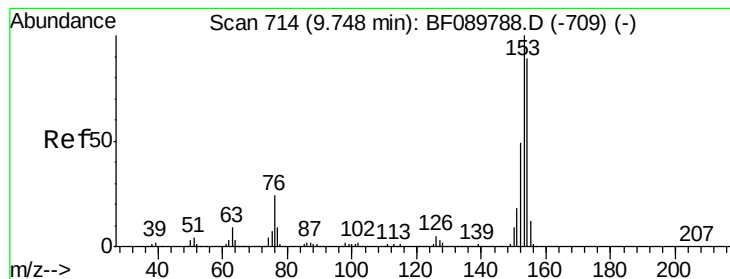


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.74 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

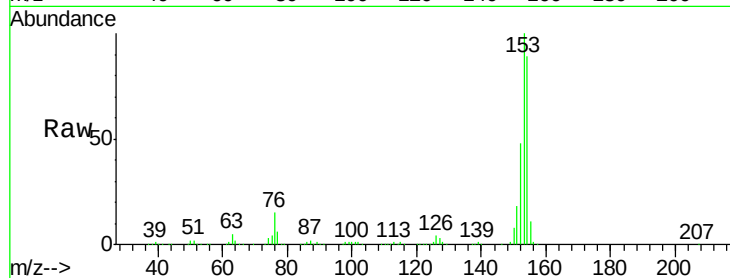
Tot Ion:154 Resp: 776528

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

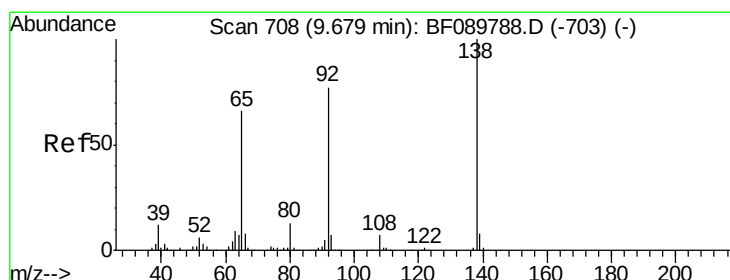
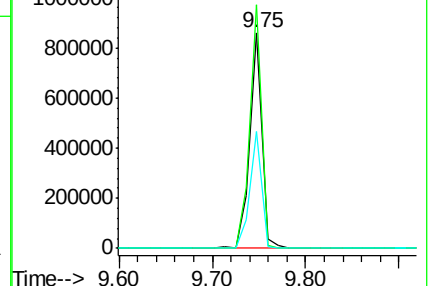
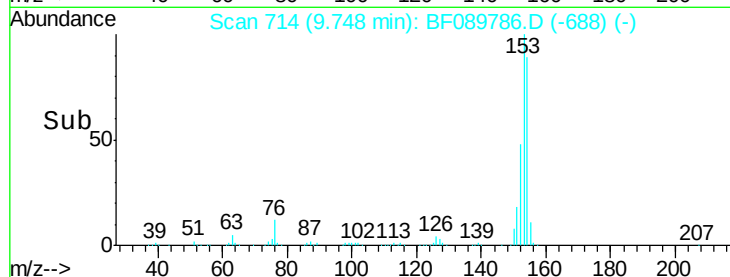
152 54.0 44.6 67.0



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: 9.15 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

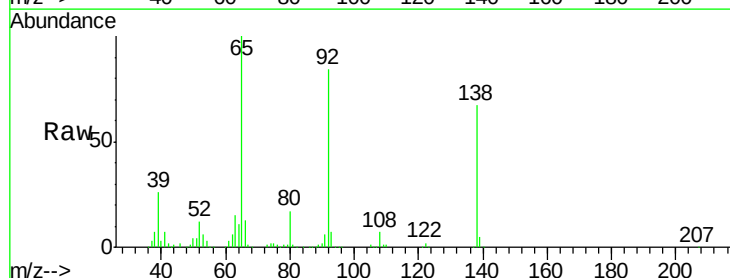
Tgt Ion:138 Resp: 195395

Ion Ratio Lower Upper

138 100

108 10.3 8.1 12.1

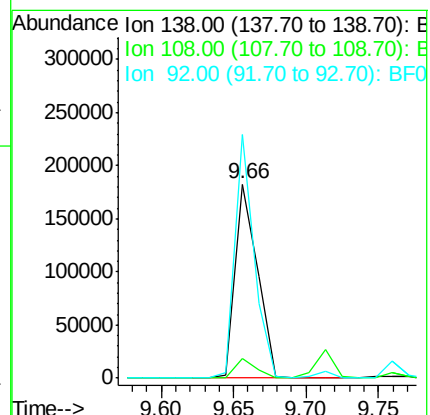
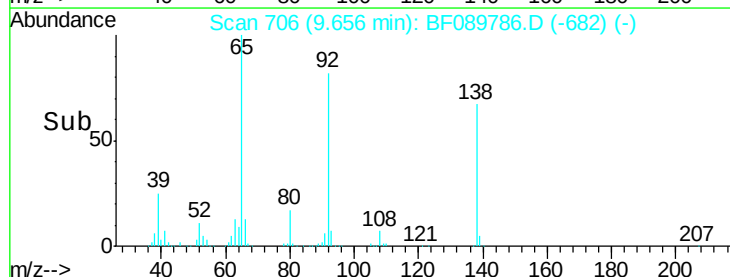
92 125.5 92.7 139.1

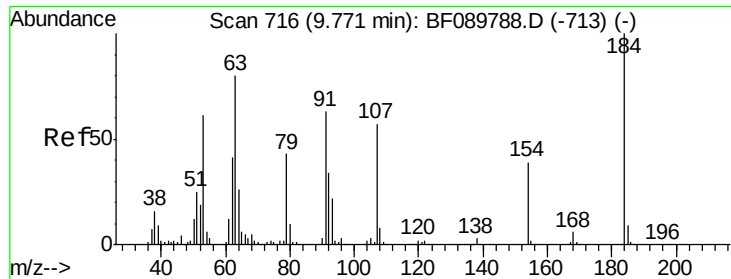


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

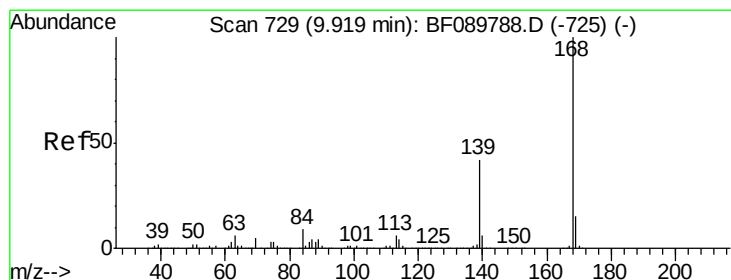
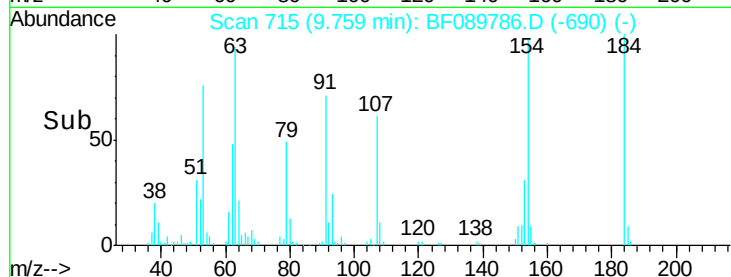
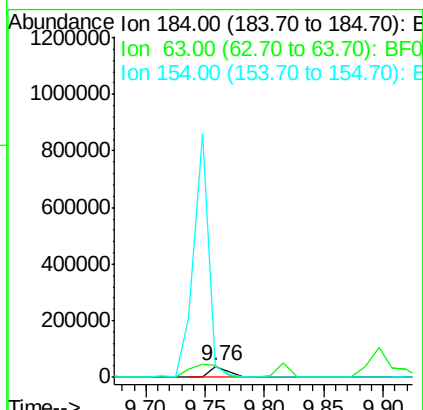
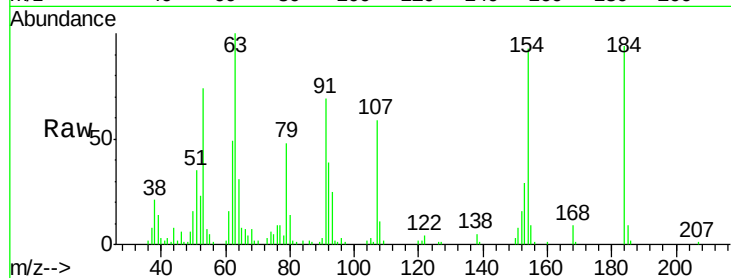




#53
2,4-Dinitrophenol
Concen: 6.61 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

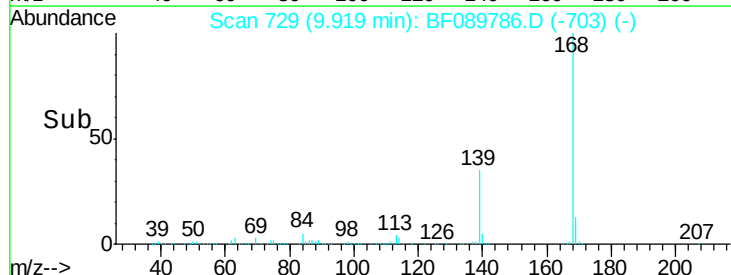
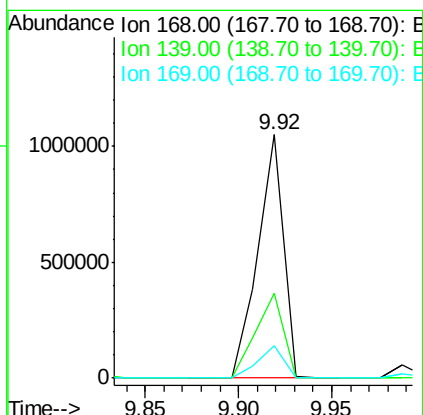
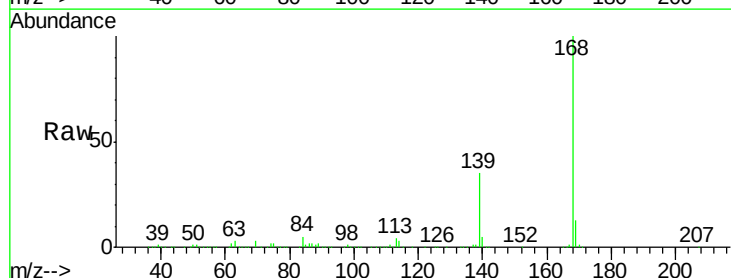
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

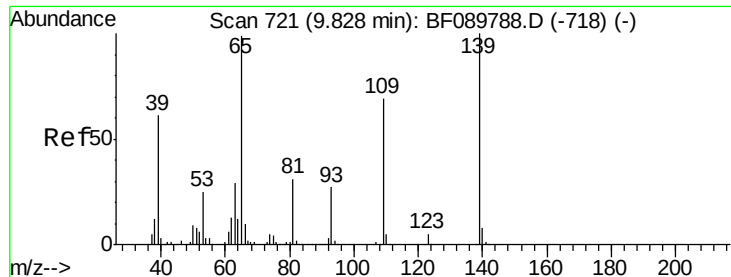
Tot Ion:184 Resp: 43145
Ion Ratio Lower Upper
184 100
63 105.9 54.2 81.4#
154 98.4 52.7 79.1#



#54
Dibenzofuran
Concen: 11.13 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:168 Resp: 989577
Ion Ratio Lower Upper
168 100
139 34.7 34.6 52.0
169 13.2 11.5 17.3

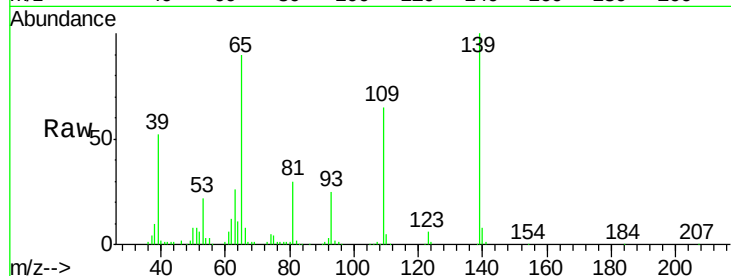




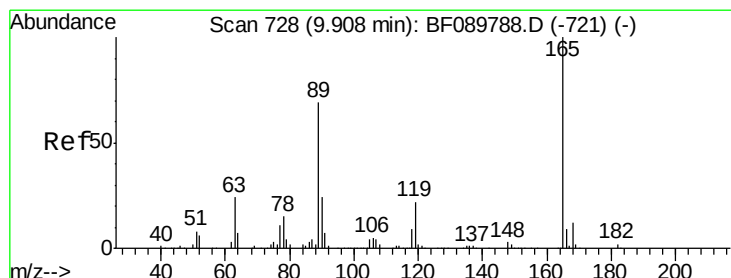
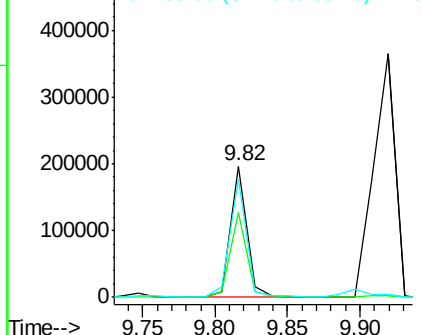
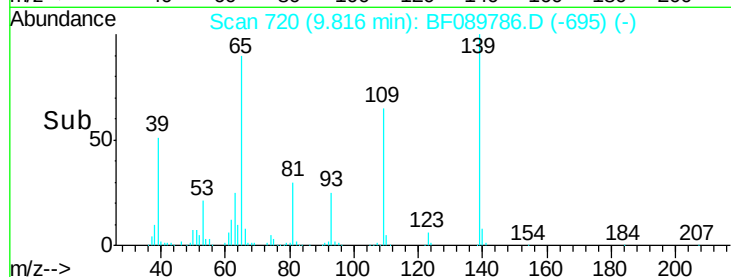
#55
4-Nitrophenol
Concen: 9.44 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:139 Resp: 155071
Ion Ratio Lower Upper
139 100
109 64.9 43.0 83.0
65 89.7 55.7 95.7

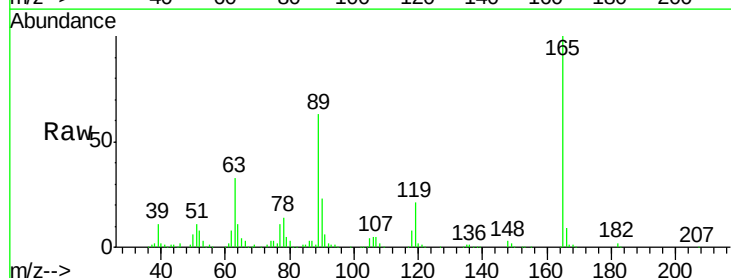


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

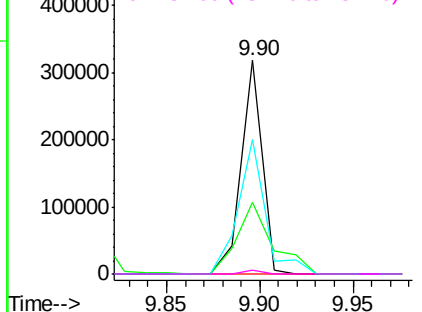
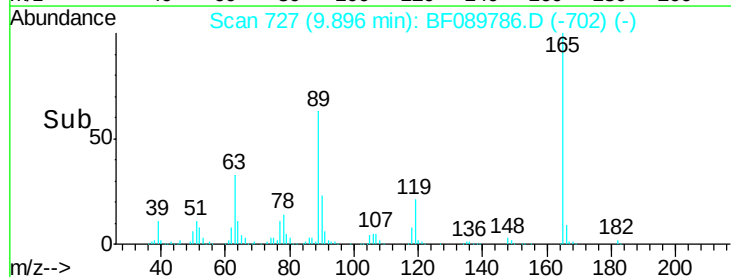


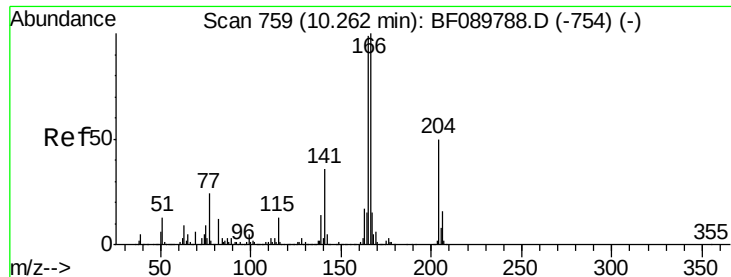
#56
2,4-Dinitrotoluene
Concen: 10.66 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:165 Resp: 251584
Ion Ratio Lower Upper
165 100
63 33.3 23.7 35.5
89 62.9 44.0 66.0
182 2.1 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: 10.99 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

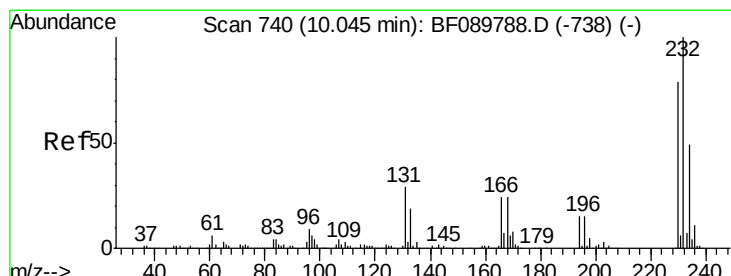
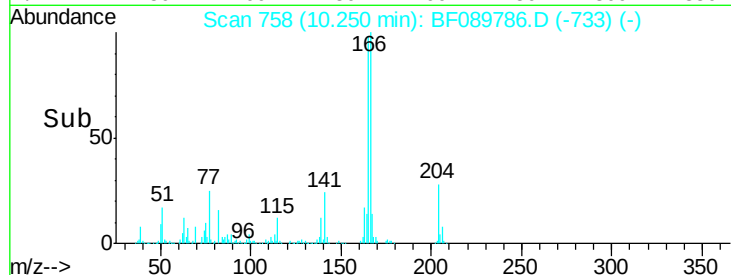
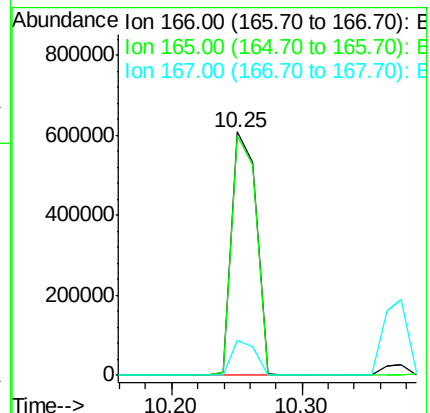
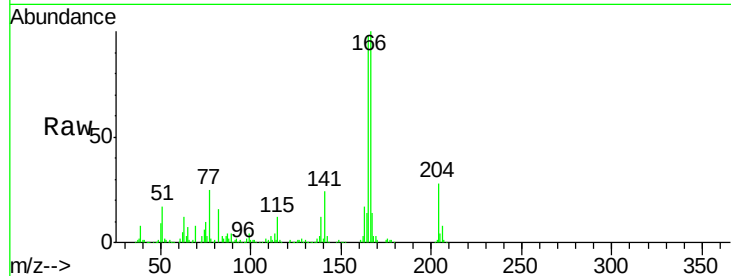
Tot Ion:166 Resp: 789578

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

167 14.3 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.68 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Tgt Ion:232 Resp: 167798

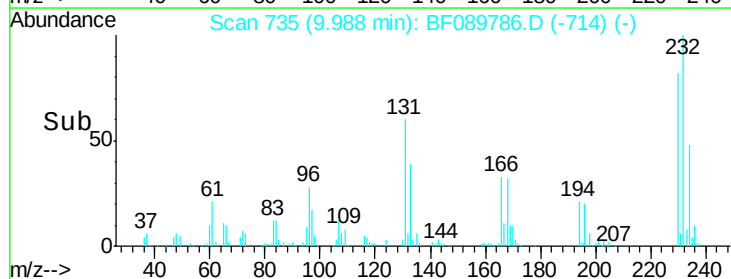
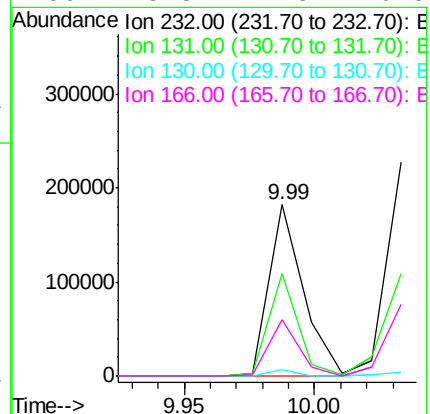
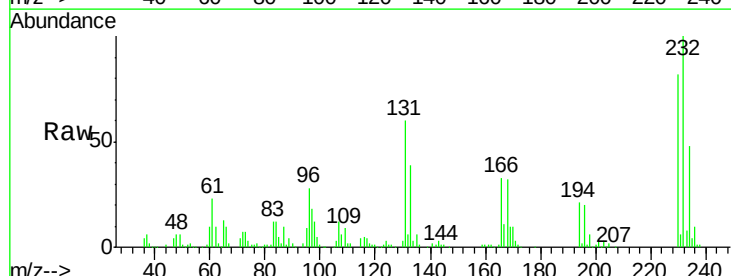
Ion Ratio Lower Upper

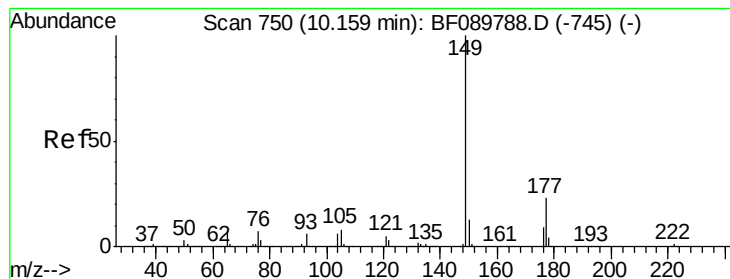
232 100

131 51.3 42.5 63.7

130 2.8 2.2 3.4

166 28.8 27.3 40.9





#59

Diethylphthalate

Concen: 10.84 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

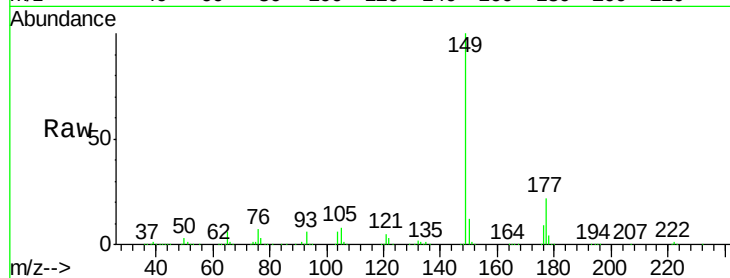
Tot Ion:149 Resp: 891792

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

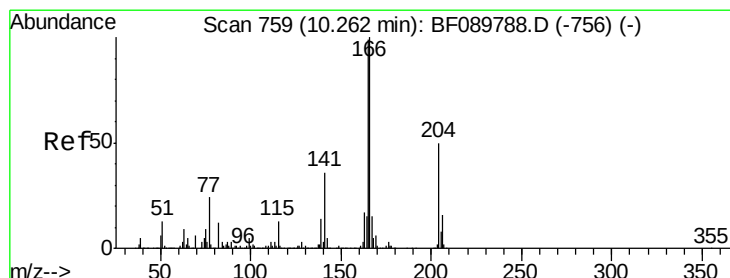
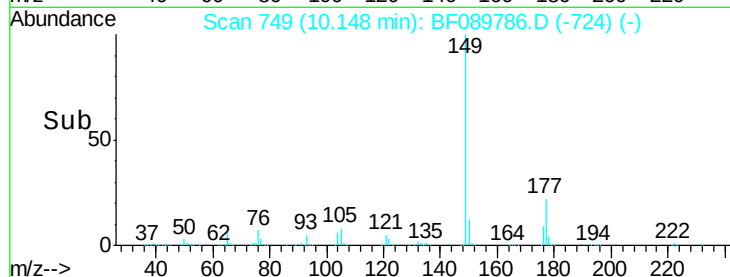
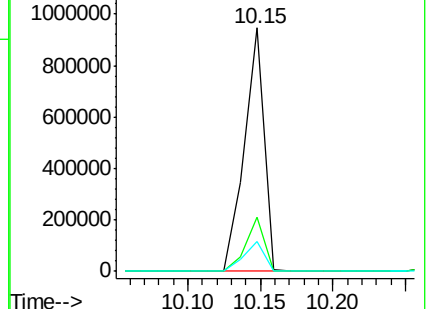
150 12.1 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 10.85 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

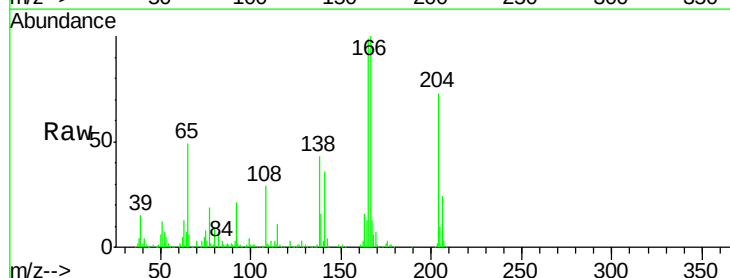
Tgt Ion:204 Resp: 382769

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

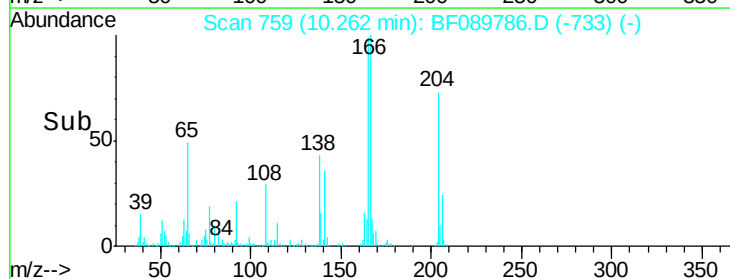
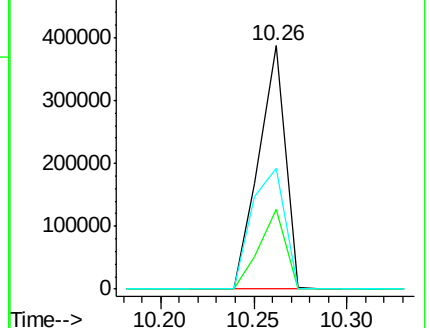
141 49.8 54.1 81.1#

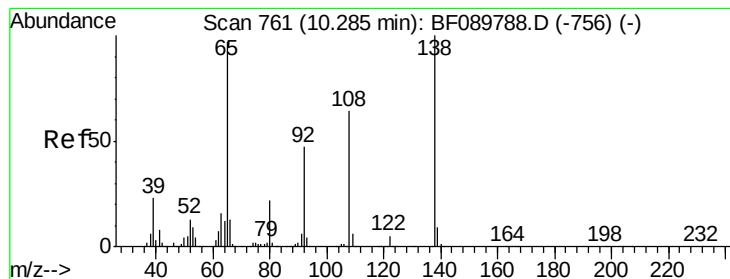


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 9.15 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

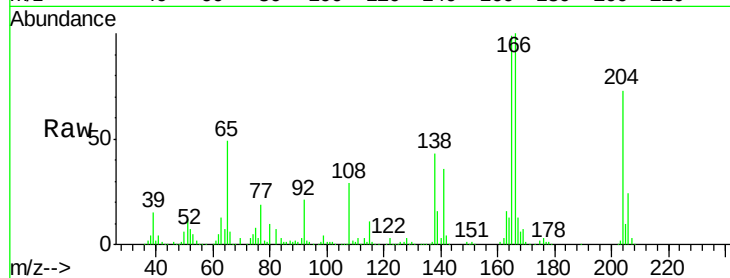
Tot Ion:138 Resp: 189732

Ion Ratio Lower Upper

138 100

92 49.8 26.4 66.4

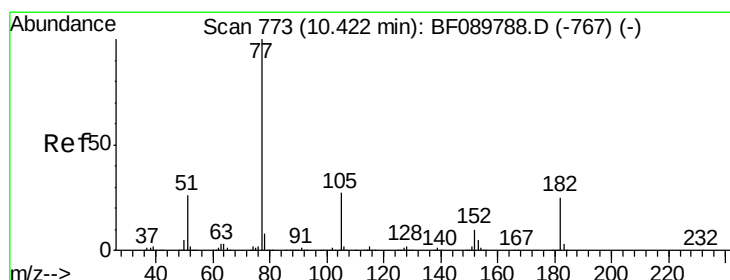
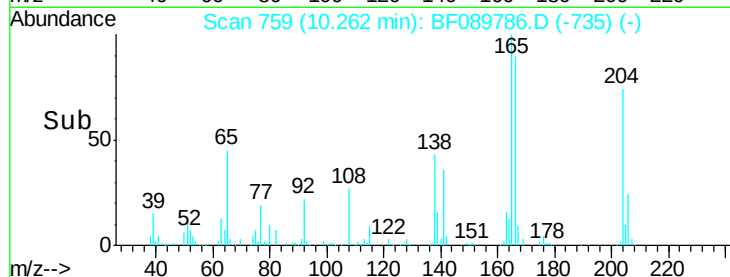
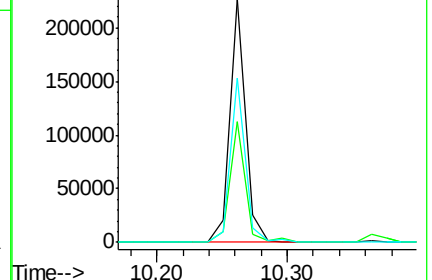
108 67.7 47.0 87.0



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: 9.85 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Tgt Ion: 77 Resp: 765403

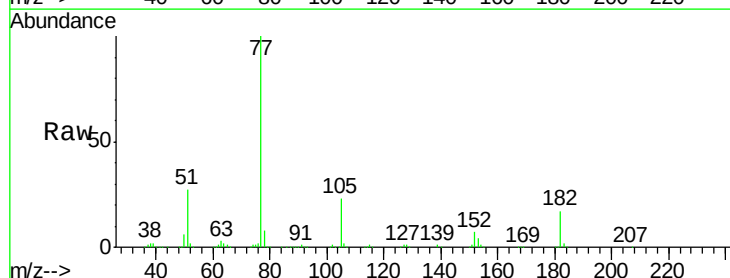
Ion Ratio Lower Upper

77 100

182 16.8 5.6 45.6

105 22.5 4.0 44.0

51 27.2 7.8 47.8

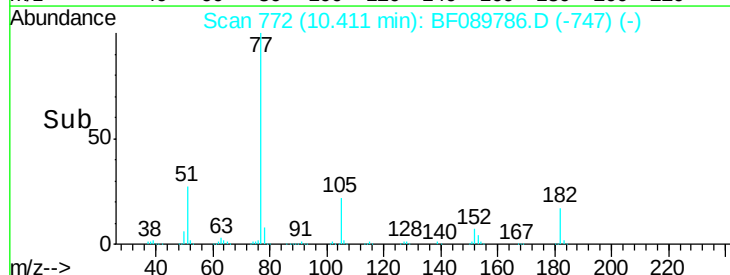
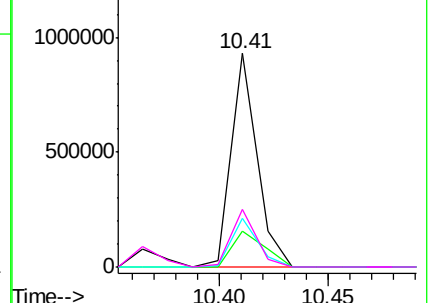


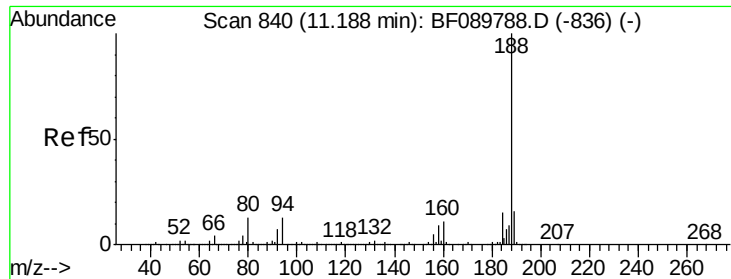
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

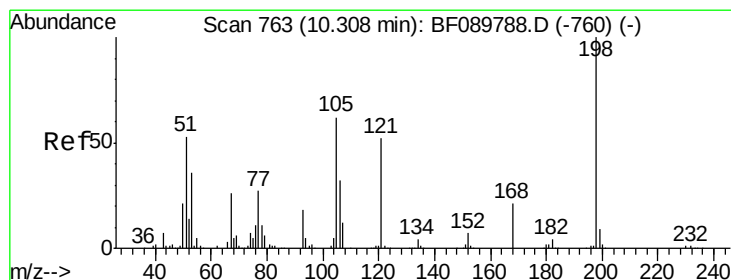
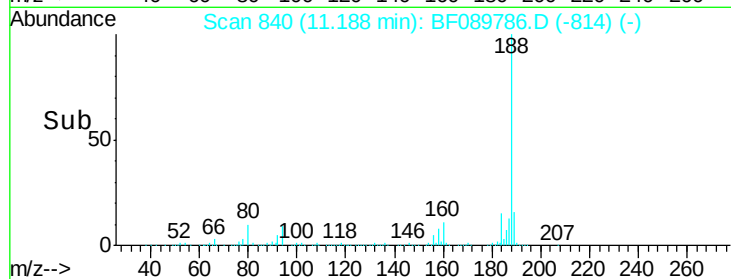
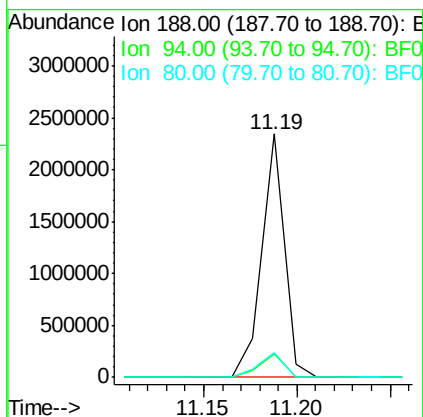
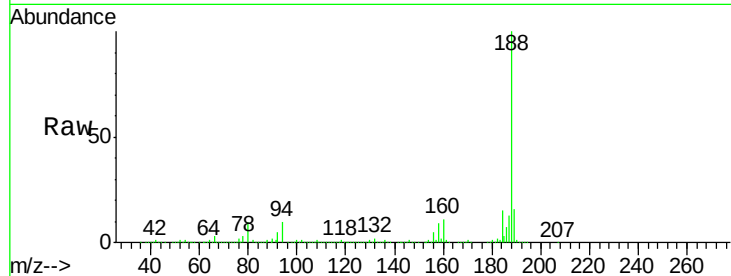




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

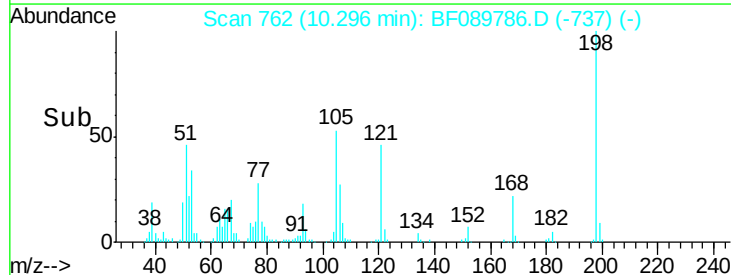
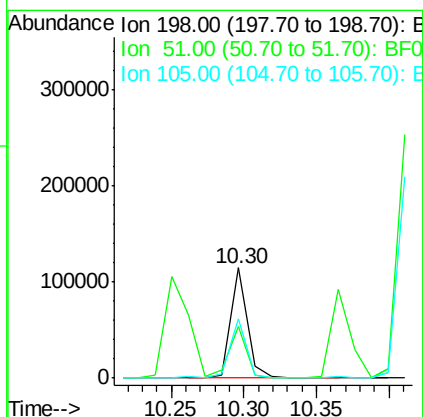
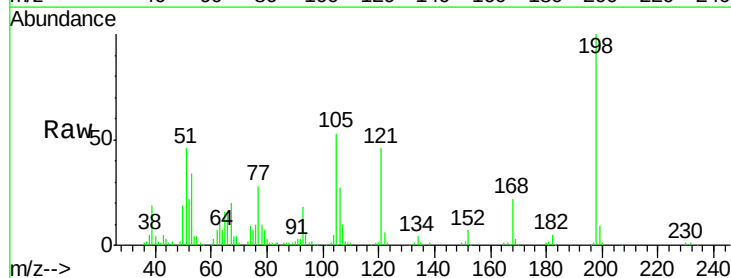
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

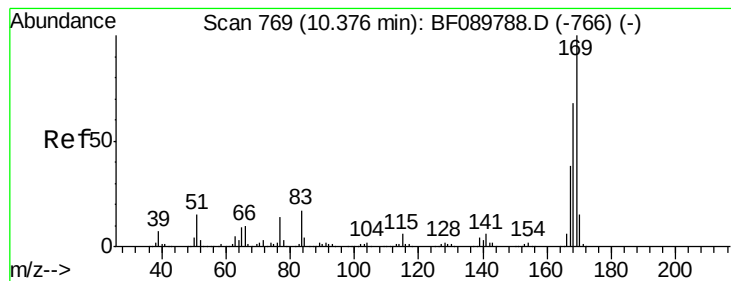
Tot Ion:188 Resp: 1962605
Ion Ratio Lower Upper
188 100
94 9.8 10.2 15.2#
80 10.0 10.9 16.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.98 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:198 Resp: 90909
Ion Ratio Lower Upper
198 100
51 46.4 32.3 72.3
105 53.4 32.9 72.9

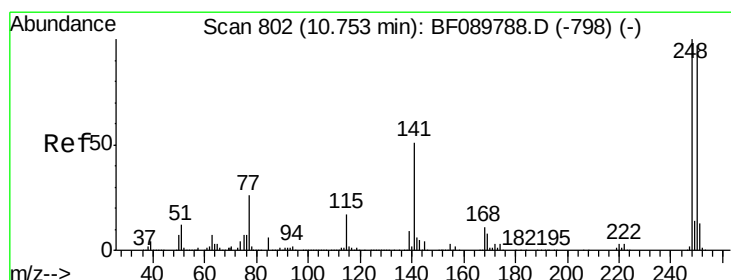
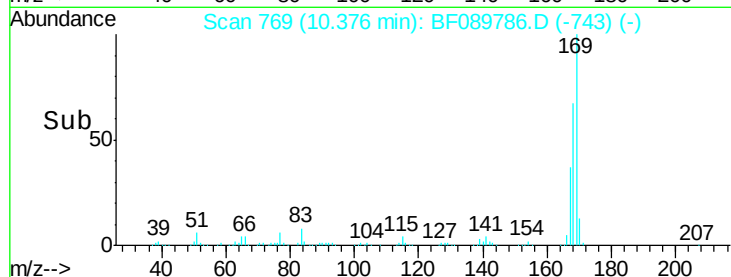
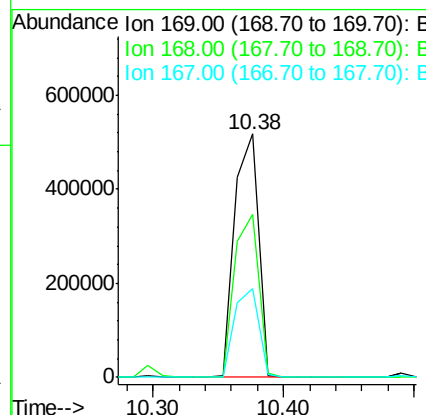
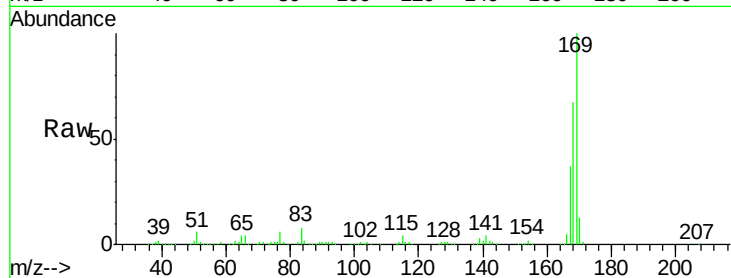




#65
 n-Nitrosodiphenylamine
 Concen: 10.59 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

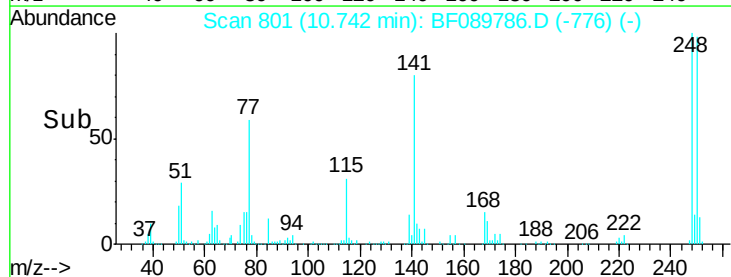
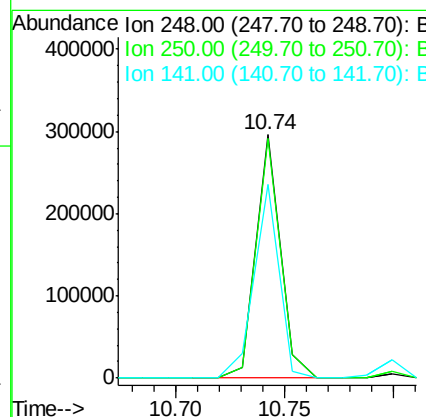
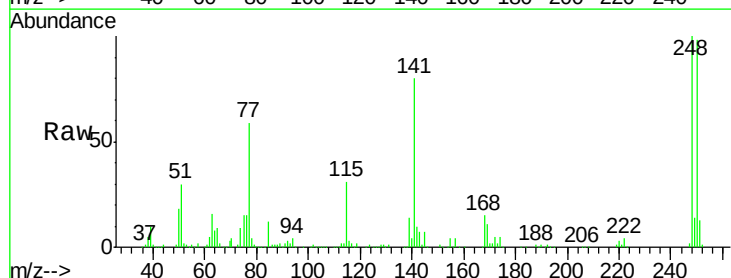
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

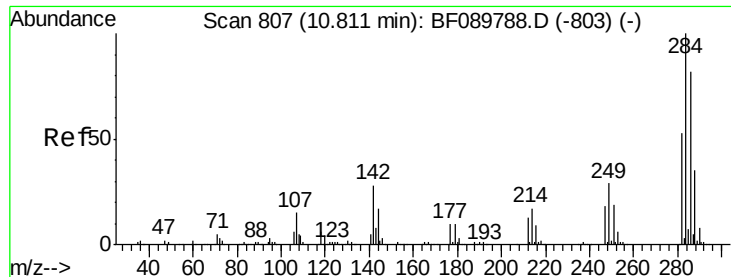
Tot Ion:169 Resp: 652462
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.6 82.0
 167 36.7 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 11.39 ng
 RT: 10.74 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Tgt Ion:248 Resp: 231551
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.6 117.8
 141 79.7 31.4 47.2#

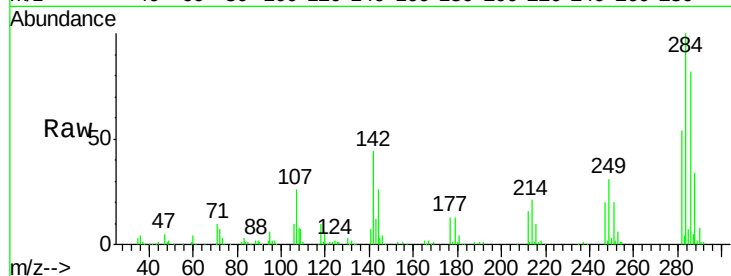




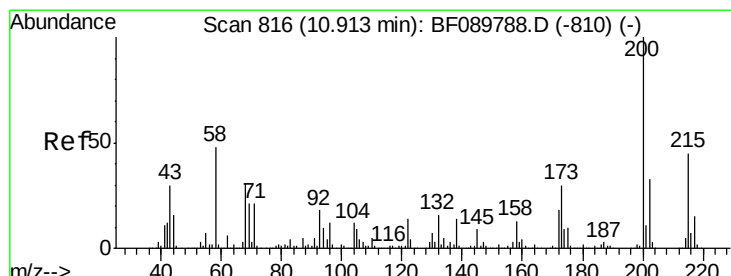
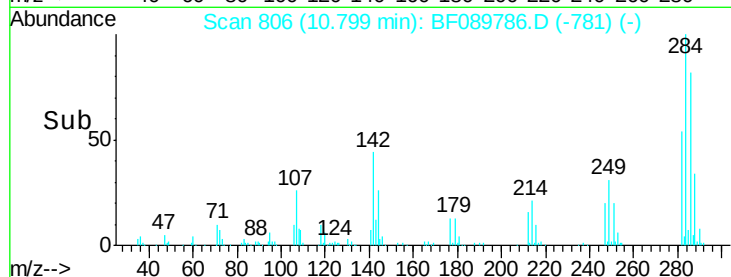
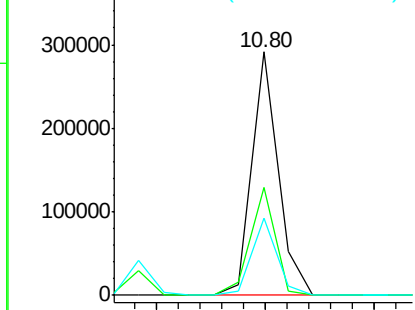
#67
Hexachlorobenzene
Concen: 10.82 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:284 Resp: 244496
Ion Ratio Lower Upper
284 100
142 44.3 17.4 26.2#
249 31.5 22.8 34.2

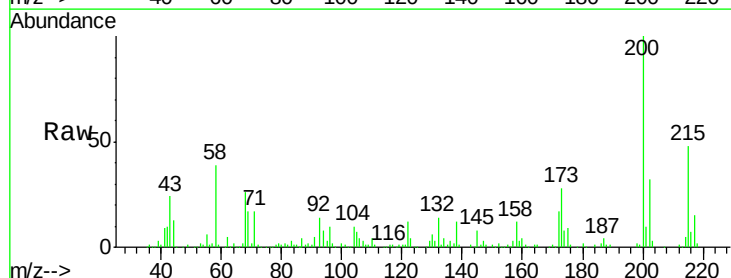


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

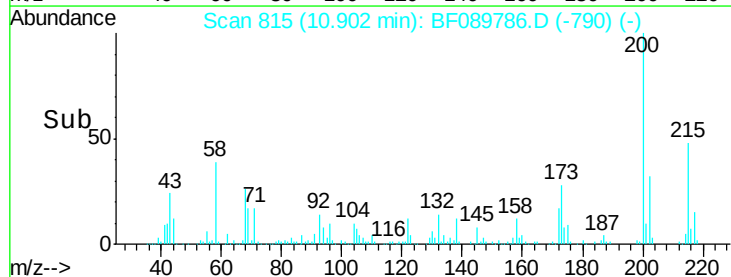
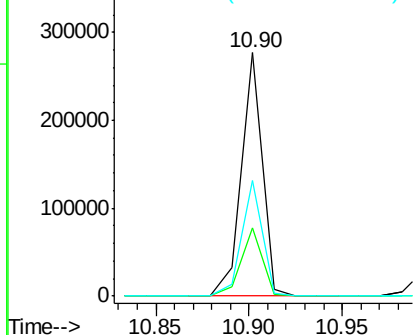


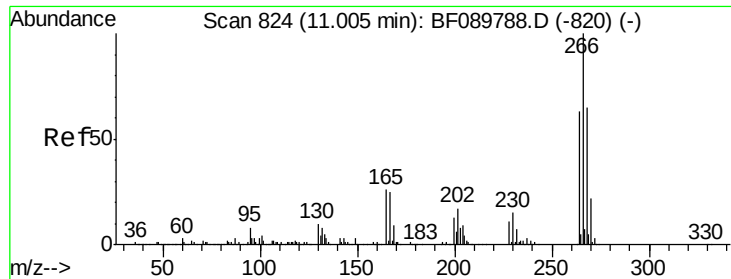
#68
Atrazine
Concen: 11.64 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:200 Resp: 217209
Ion Ratio Lower Upper
200 100
173 28.0 6.6 46.6
215 47.6 24.7 64.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

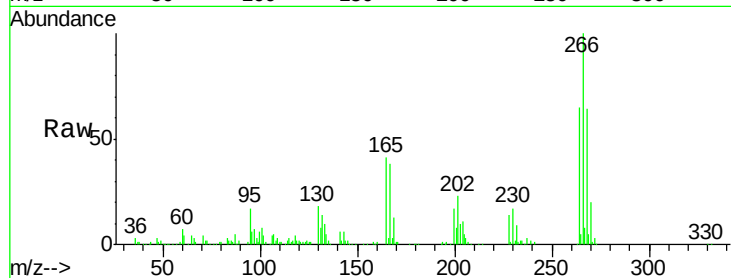




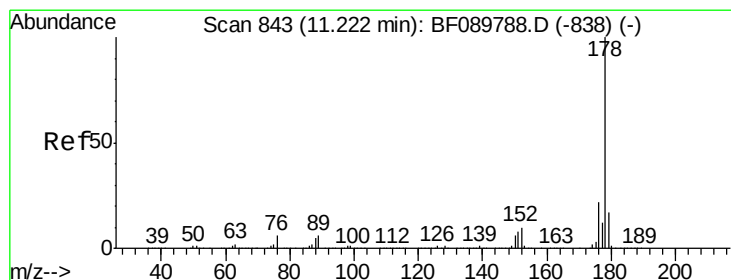
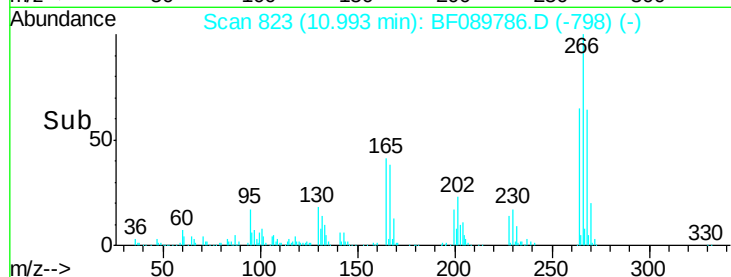
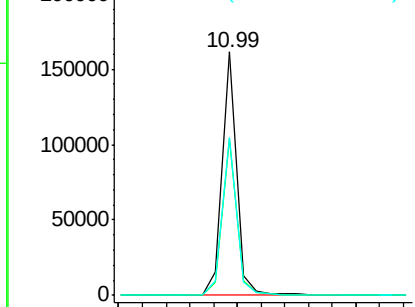
#69
 Pentachlorophenol
 Concen: 9.63 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	53.2	79.8
264	65.0	51.1	76.7

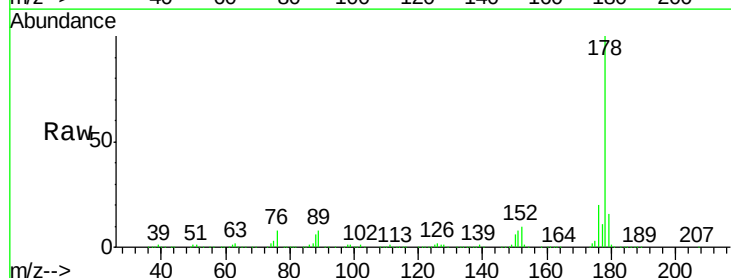


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

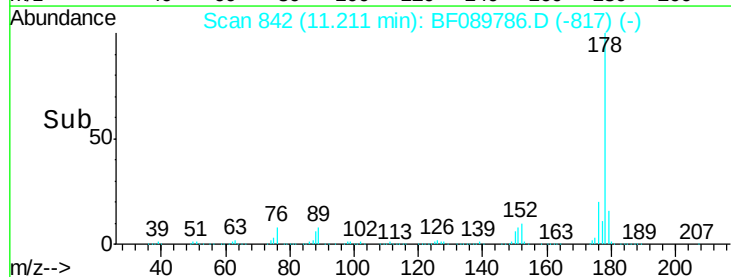
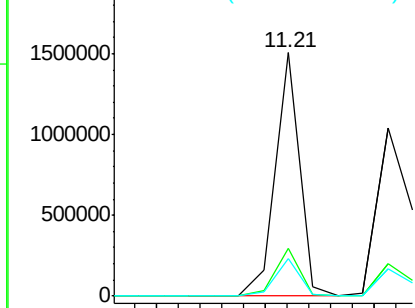


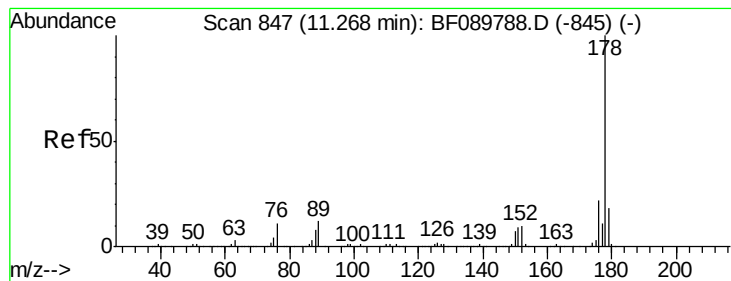
#70
 Phenanthrene
 Concen: 12.30 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.4	24.6
179	15.6	12.5	18.7



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





#71

Anthracene

Concen: 10.94 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

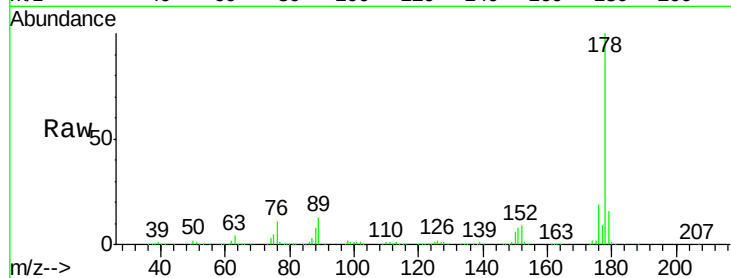
Tot Ion:178 Resp: 1102954

Ion Ratio Lower Upper

178 100

176 19.0 16.4 24.6

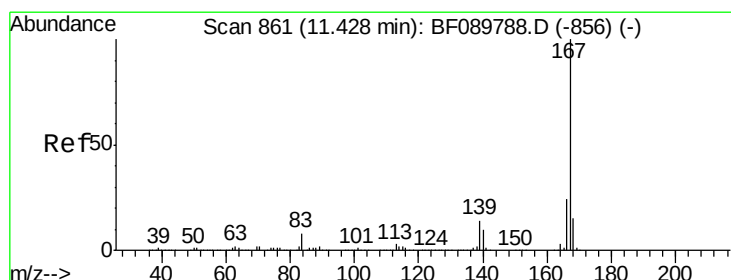
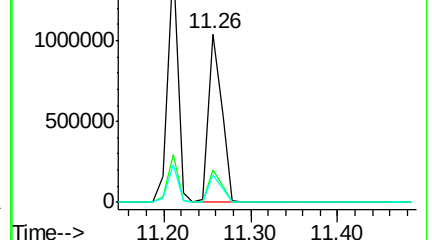
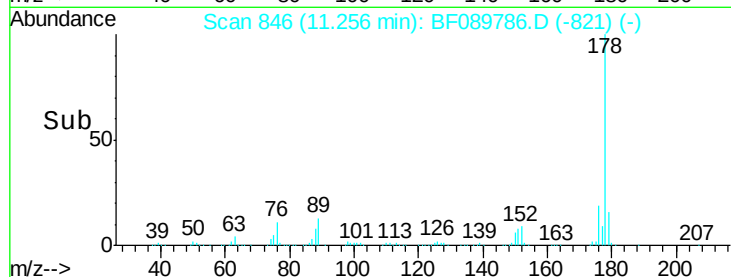
179 15.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 10.88 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

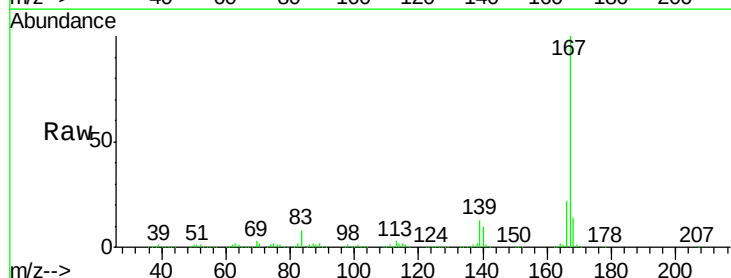
Tgt Ion:167 Resp: 1038803

Ion Ratio Lower Upper

167 100

166 22.1 17.9 26.9

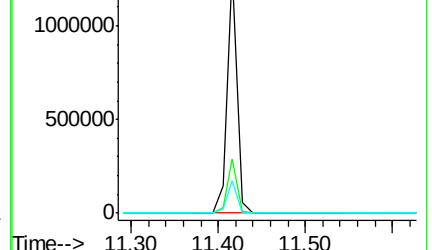
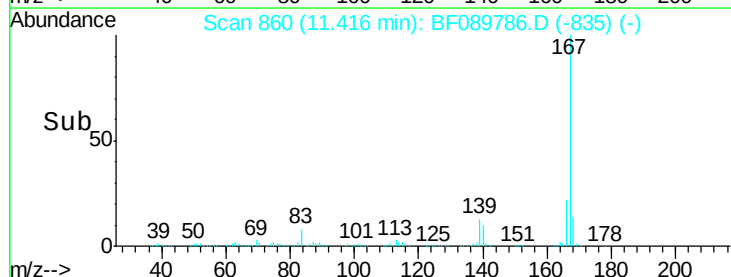
139 13.1 12.4 18.6

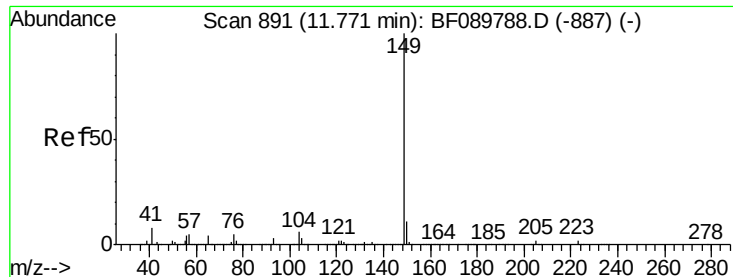


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 11.38 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

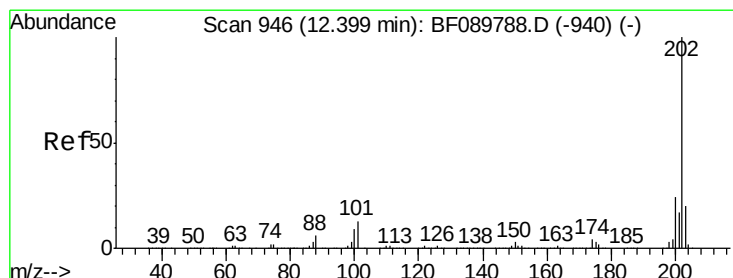
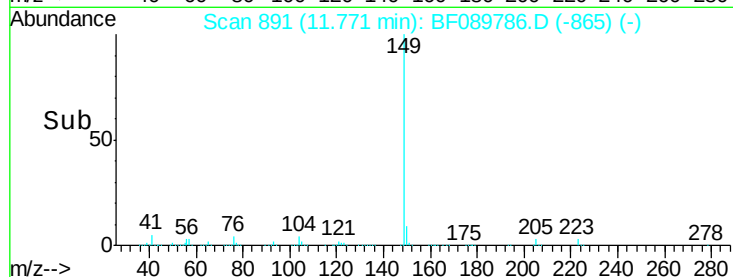
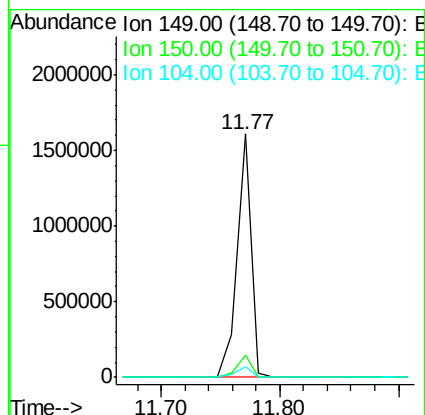
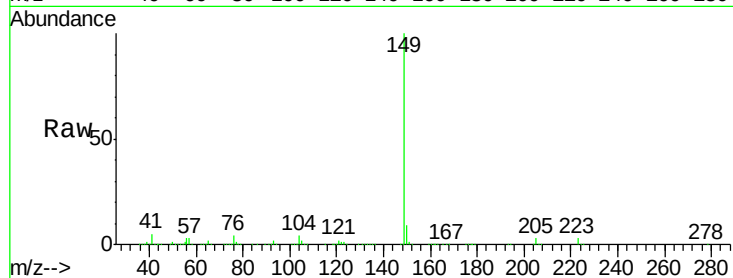
Tot Ion:149 Resp: 1321430

Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

104 4.3 4.3 6.5#



#74

Fluoranthene

Concen: 10.72 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

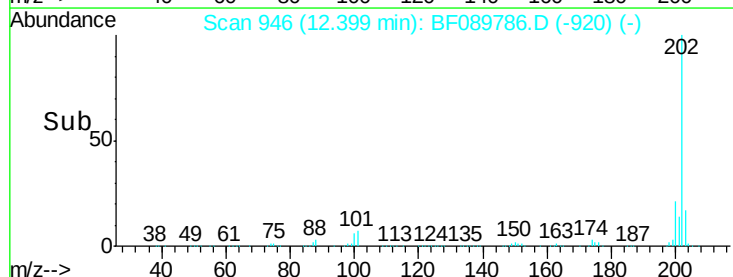
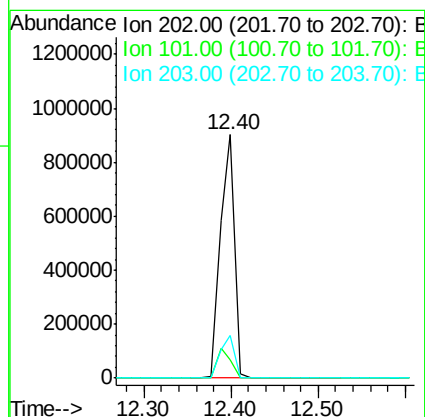
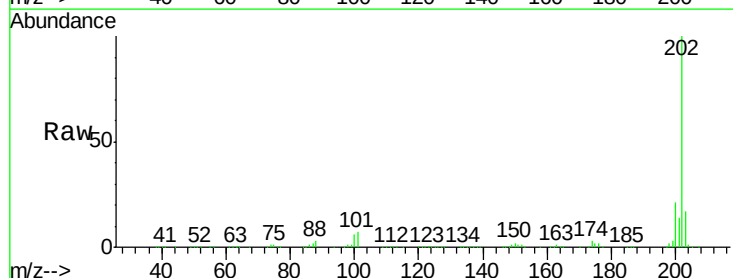
Tgt Ion:202 Resp: 1038988

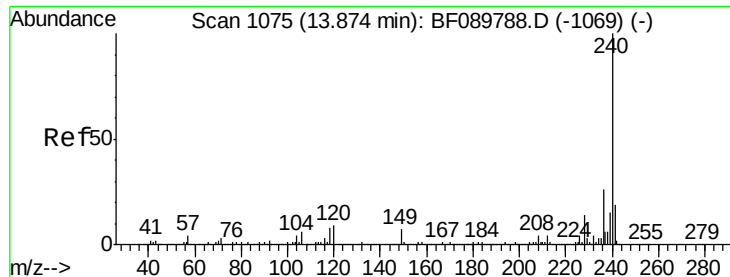
Ion Ratio Lower Upper

202 100

101 7.3 0.0 31.2

203 17.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.03 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

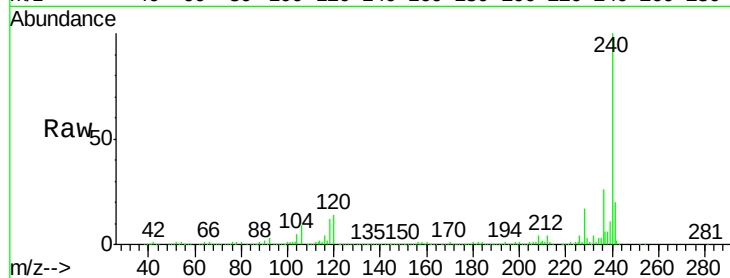
Tot Ion:240 Resp: 1099645

Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

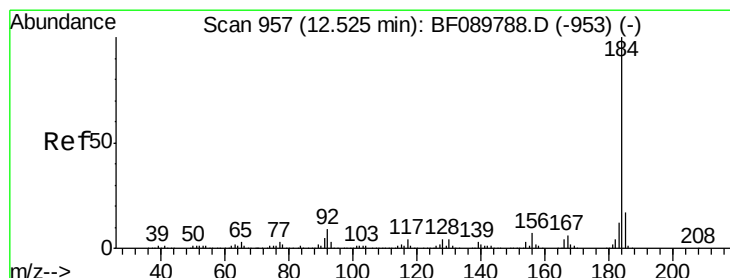
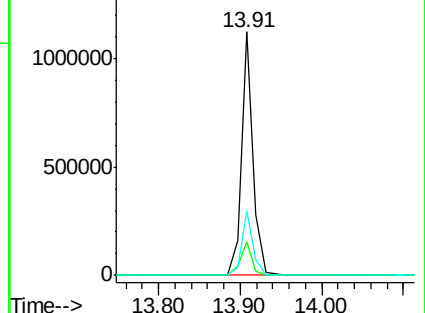
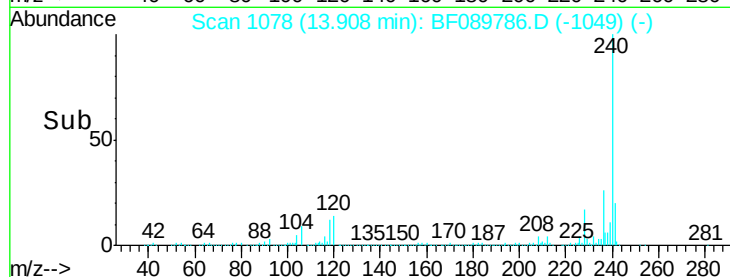
236 26.3 21.3 31.9



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: 9.42 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

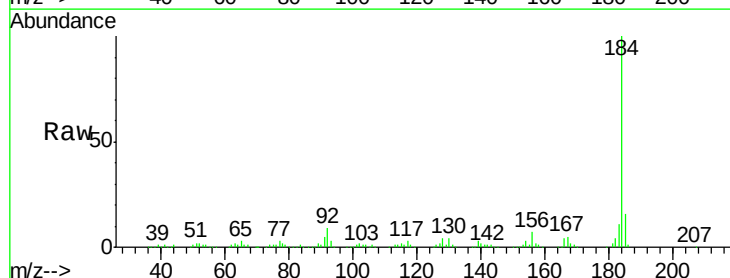
Tgt Ion:184 Resp: 371671

Ion Ratio Lower Upper

184 100

185 16.1 13.8 20.8

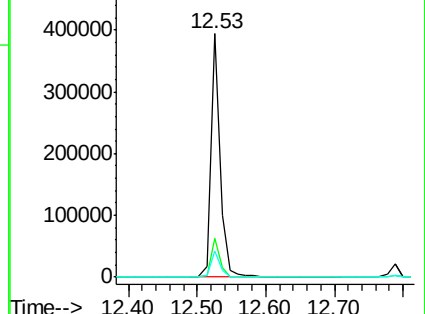
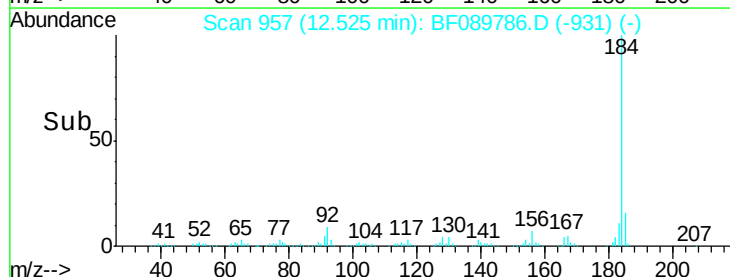
183 10.6 9.7 14.5

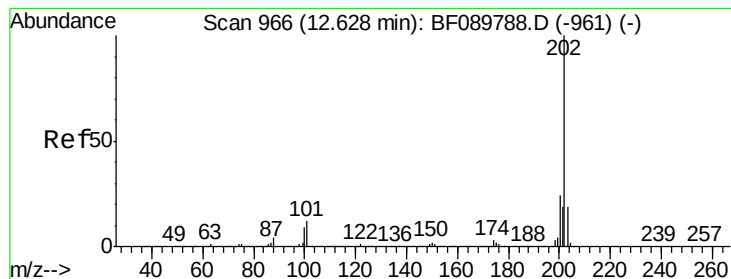


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 14.39 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

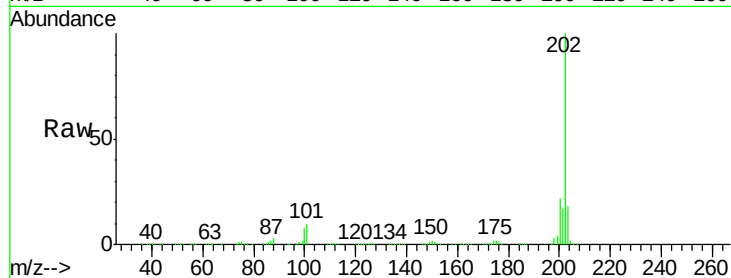
Tot Ion:202 Resp: 1035759

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	17.9	14.2	21.4

202 100

200 21.8 17.8 26.6

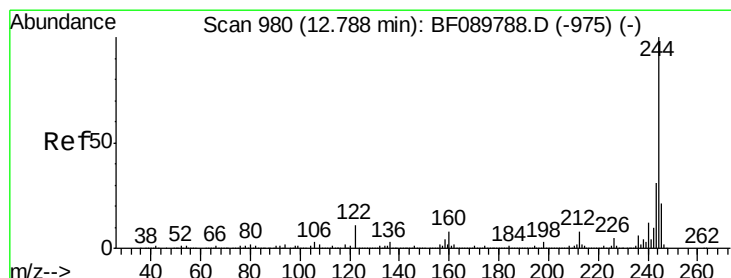
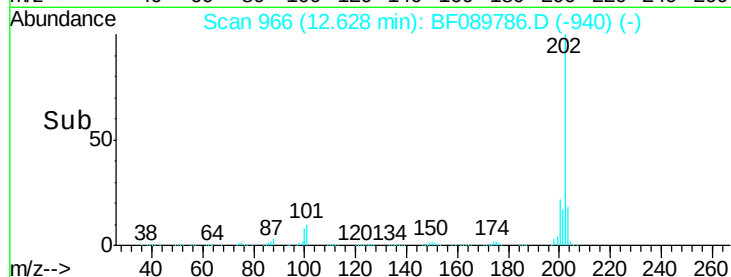
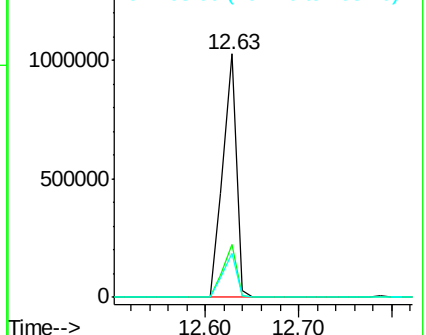
203 17.9 14.2 21.4



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: 34.69 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

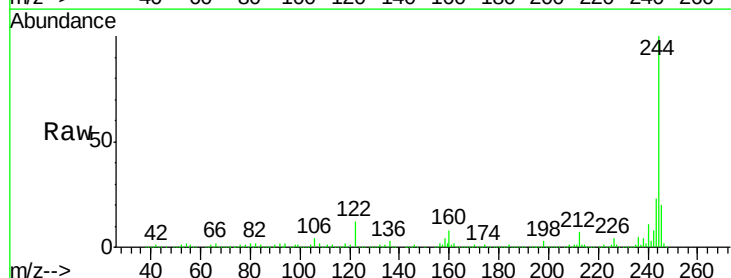
Tgt Ion:244 Resp: 1276982

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	11.9	12.0	18.0

244 100

212 7.2 6.3 9.5

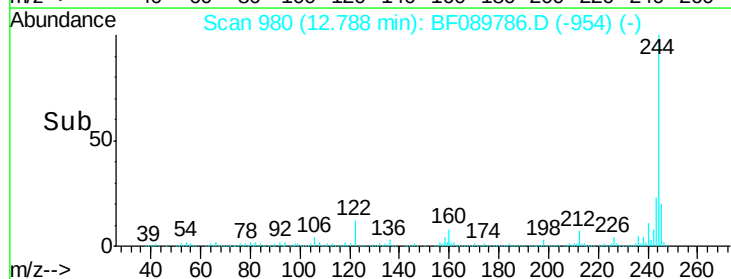
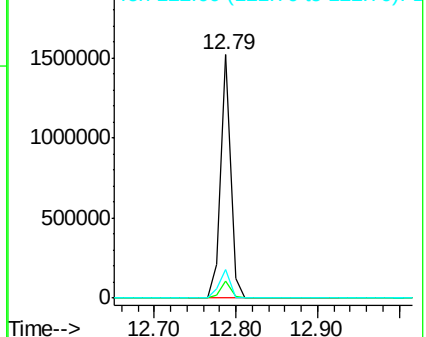
122 11.9 12.0 18.0

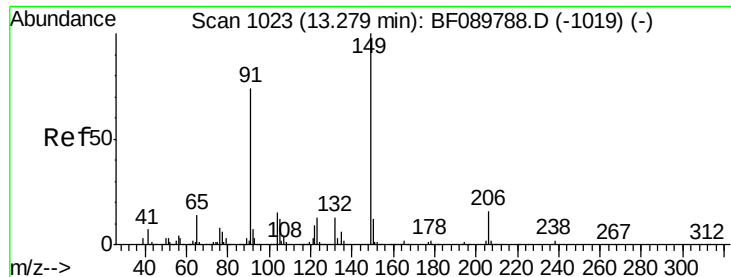


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

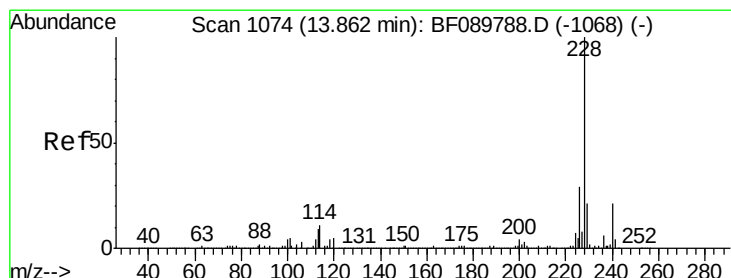
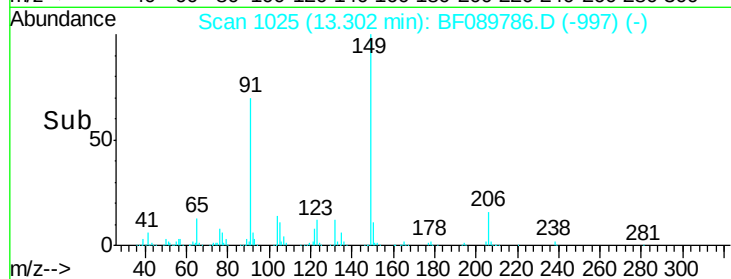
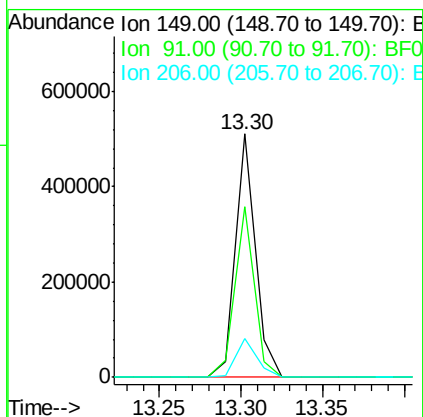
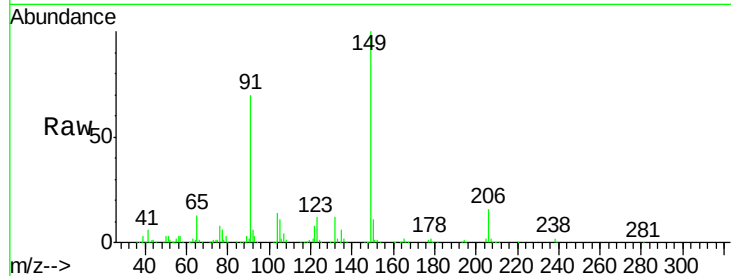




#79
Butylbenzylphthalate
Concen: 11.85 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

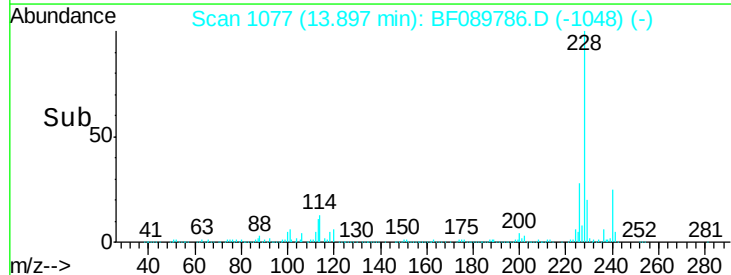
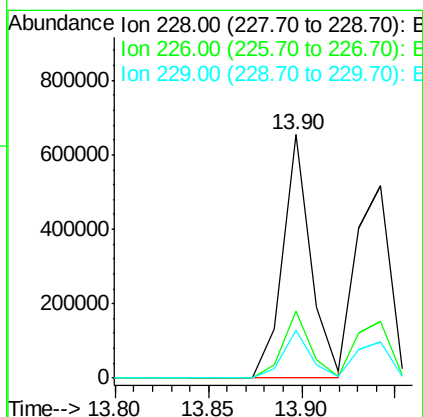
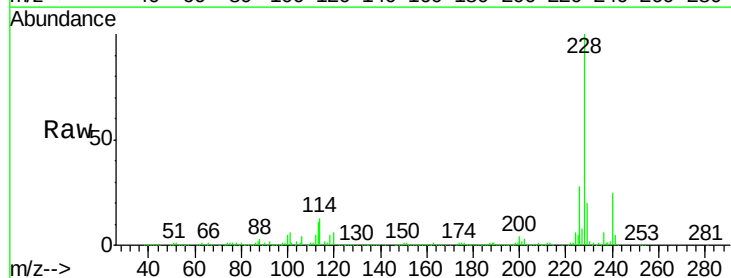
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

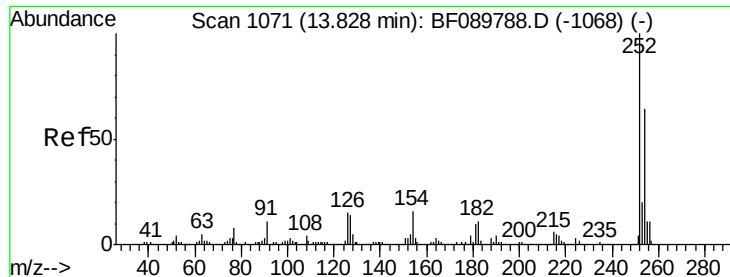
Tot Ion:149 Resp: 427910
Ion Ratio Lower Upper
149 100
91 70.0 50.7 76.1
206 16.1 15.5 23.3



#80
Benzo(a)anthracene
Concen: 10.67 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.03 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:228 Resp: 681801
Ion Ratio Lower Upper
228 100
226 27.6 23.2 34.8
229 19.8 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 9.35 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.05 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

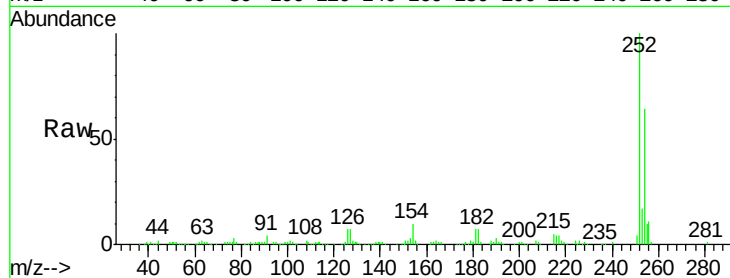
Tot Ion:252 Resp: 217762

Ion Ratio Lower Upper

252 100

254 64.2 50.6 75.8

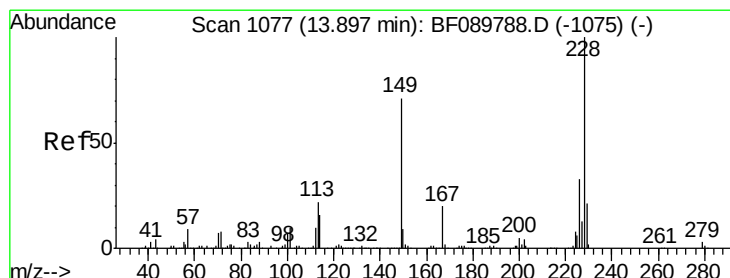
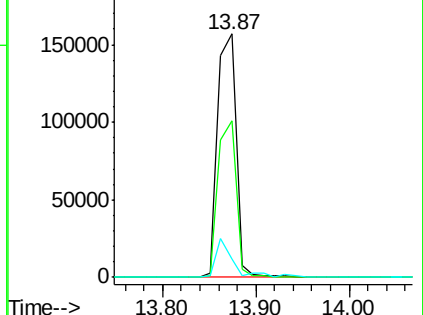
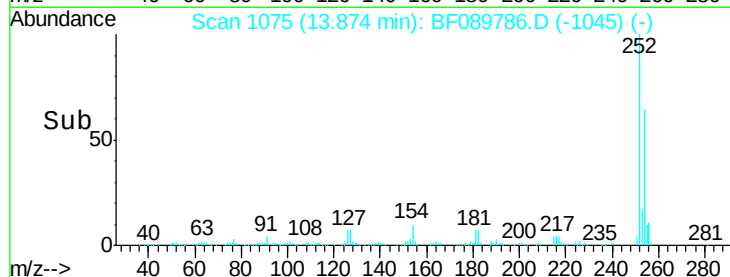
126 7.3 12.6 18.8#



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: 11.53 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.05 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

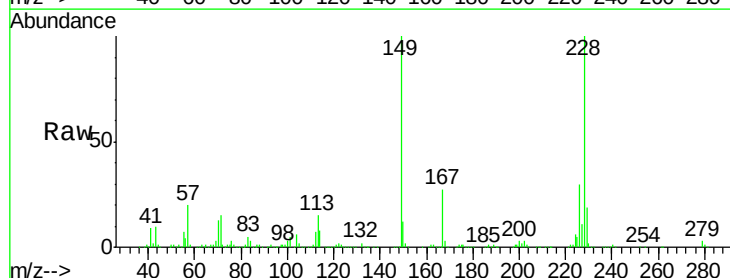
Tgt Ion:228 Resp: 663002

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.0

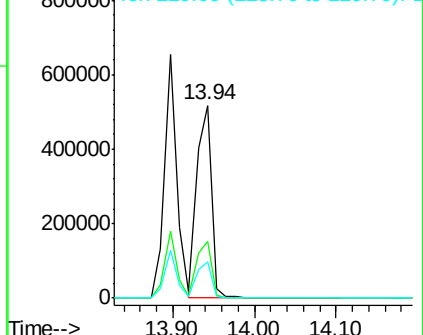
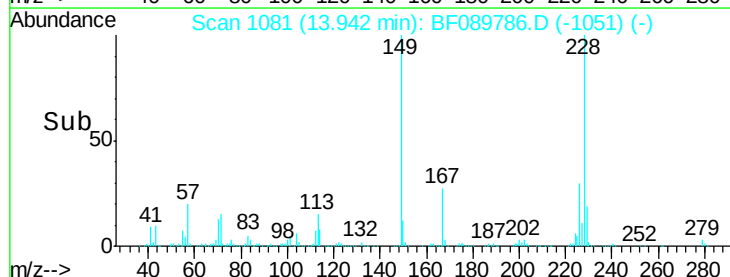
229 18.6 16.5 24.7

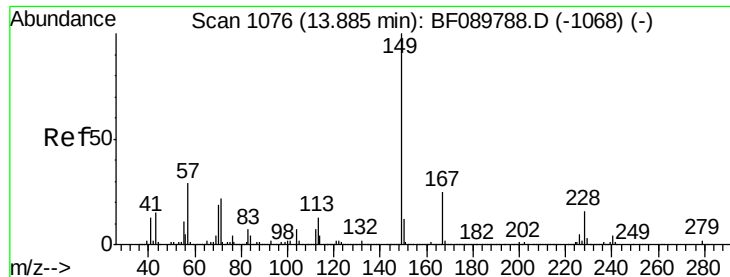


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.67 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.06 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

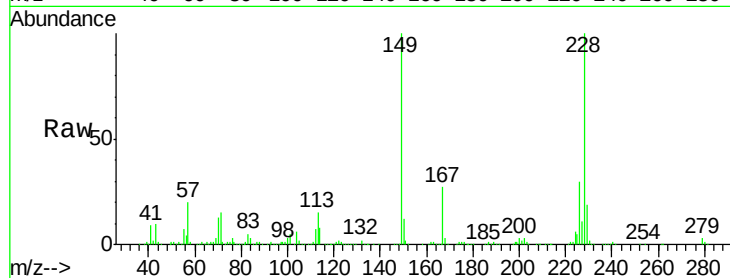
Tot Ion:149 Resp: 605134

Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

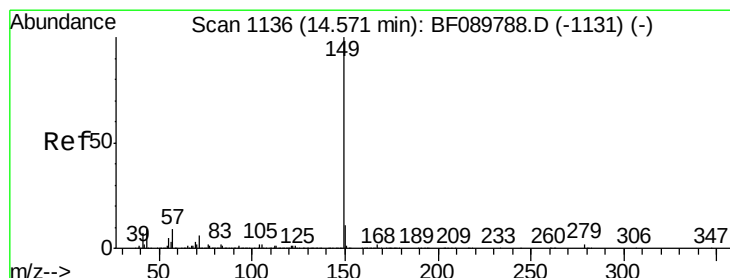
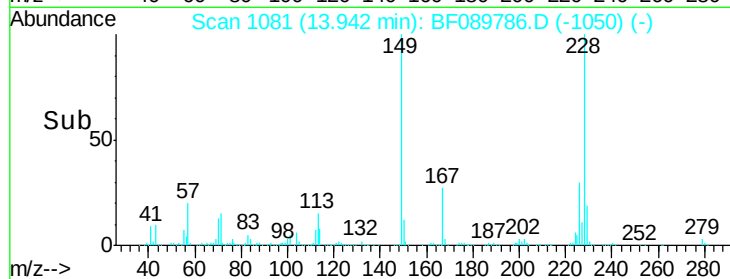
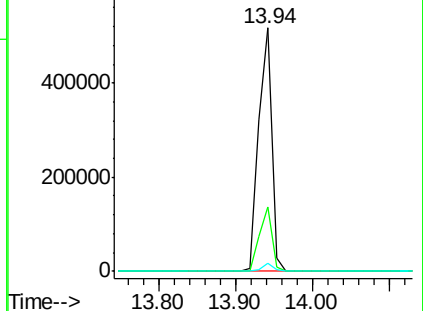
279 3.3 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 9.81 ng

RT: 14.66 min Scan# 1144

Delta R.T. 0.09 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

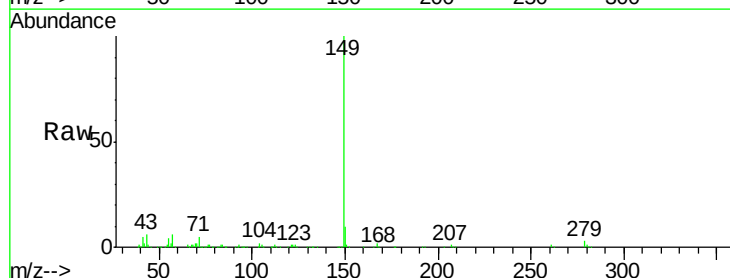
Tgt Ion:149 Resp: 728662

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

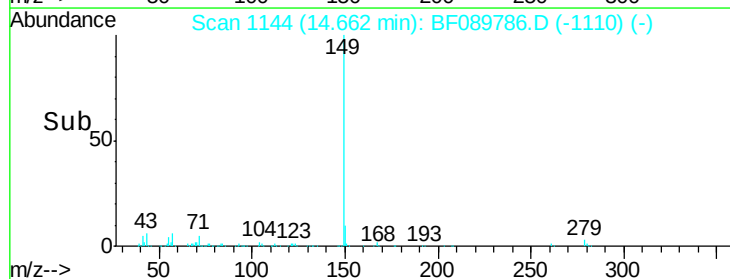
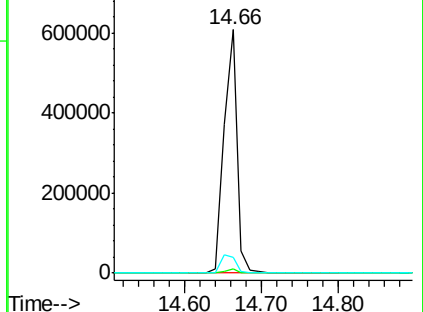
43 8.6 8.4 12.6

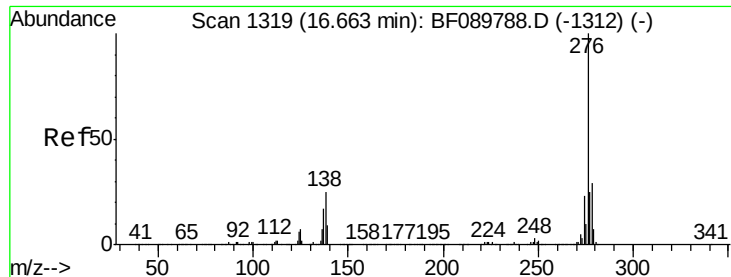


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

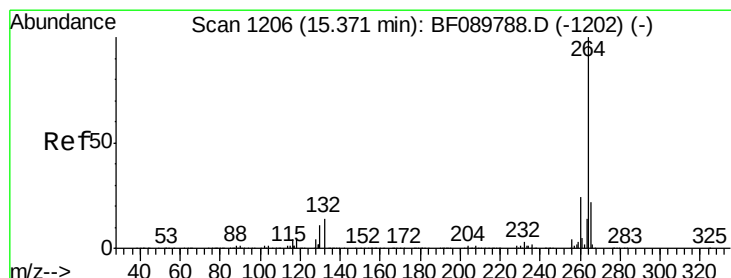
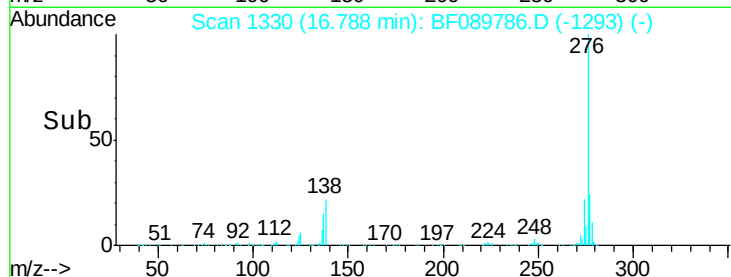
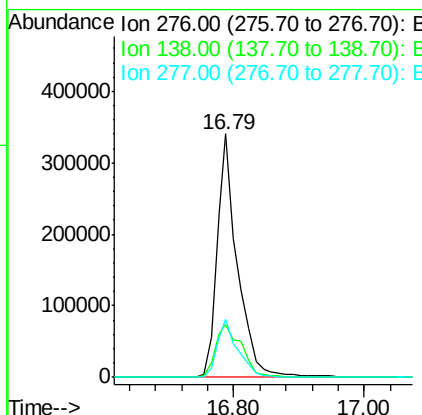
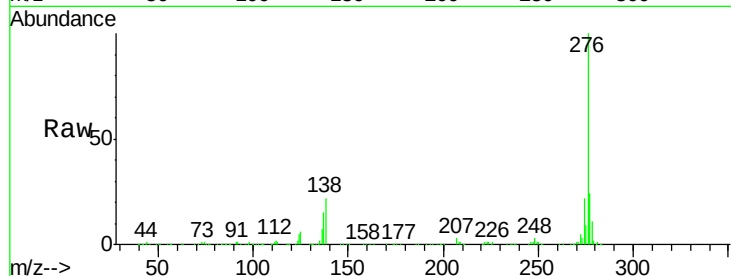




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.16 ng
 RT: 16.79 min Scan# 1330
 Delta R.T. 0.13 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

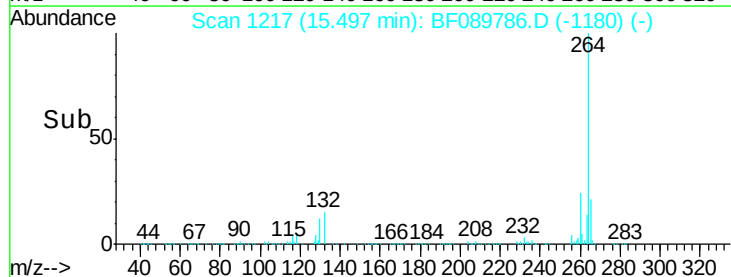
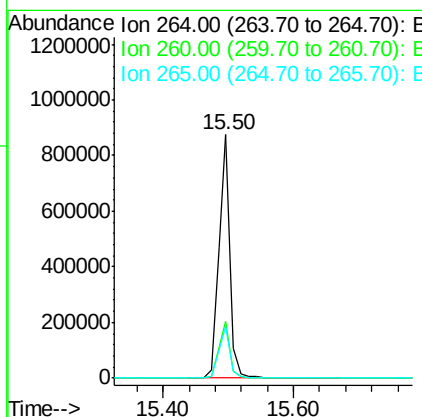
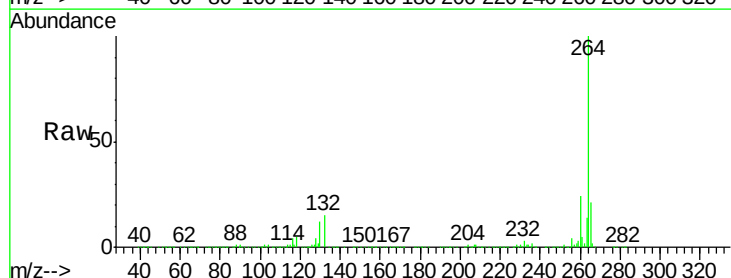
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

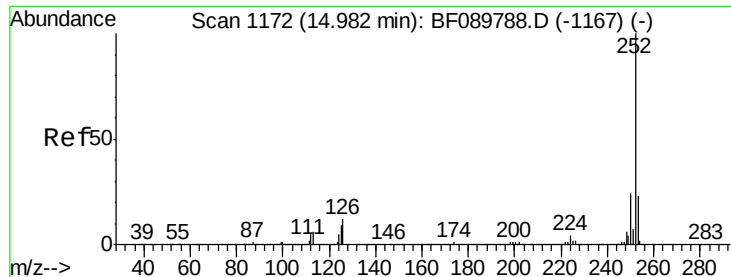
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	24.6	36.8
277	24.8	20.4	30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1217
 Delta R.T. 0.13 min
 Lab File: BF089786.D
 Acq: 19 Aug 2016 10:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.2
265	21.3	17.4	26.2

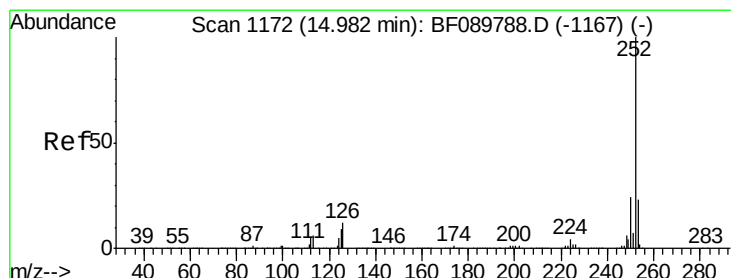
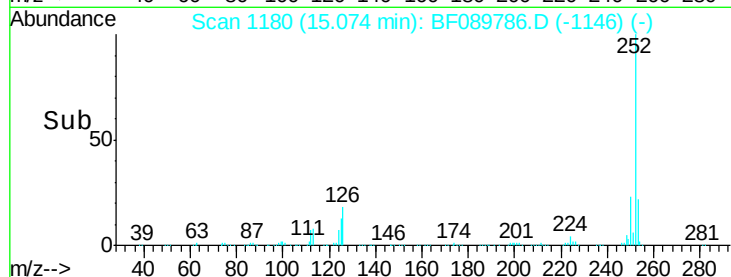
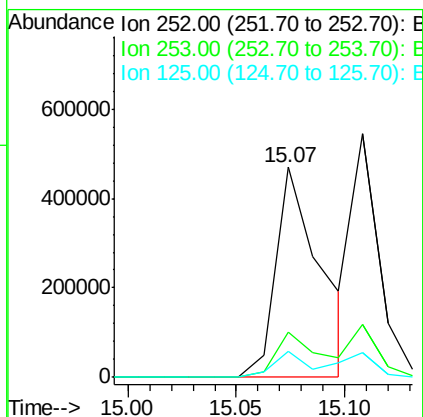
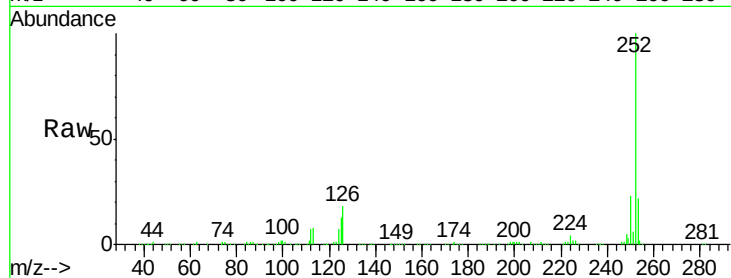




#87
Benzo(b)fluoranthene
Concen: 10.14 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.09 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

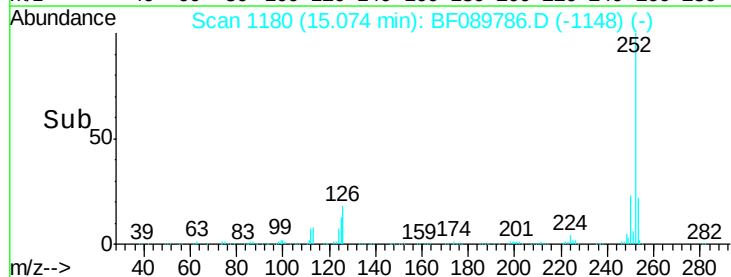
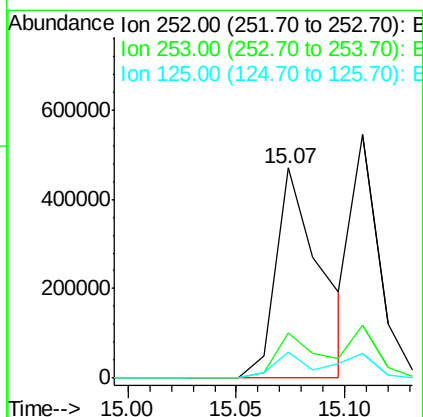
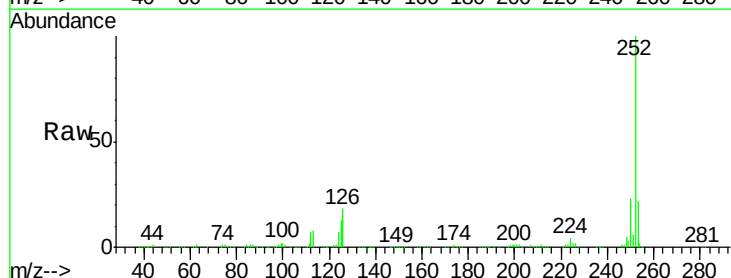
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

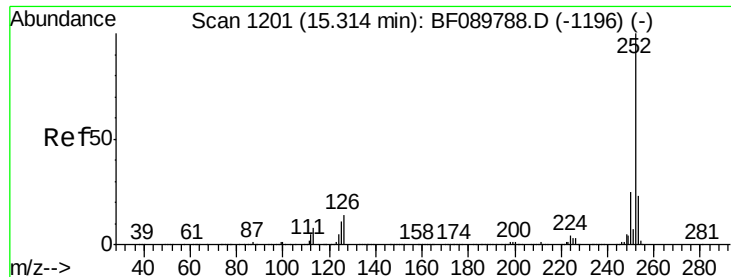
Tot Ion:252 Resp: 675082
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 12.7 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 12.32 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.07 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:252 Resp: 675082
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 12.7 9.8 14.6

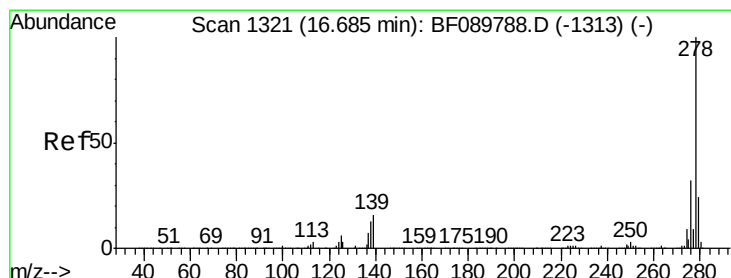
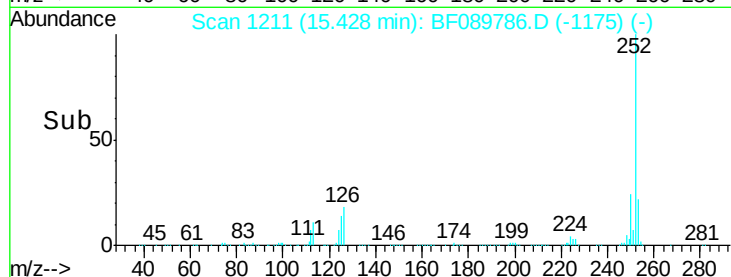
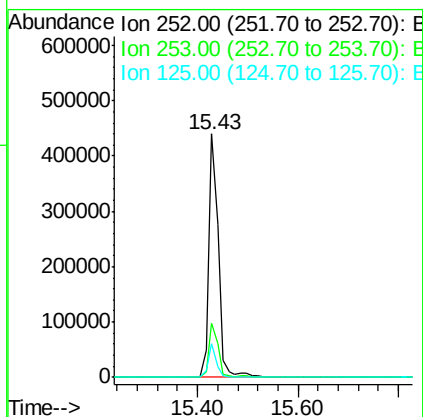
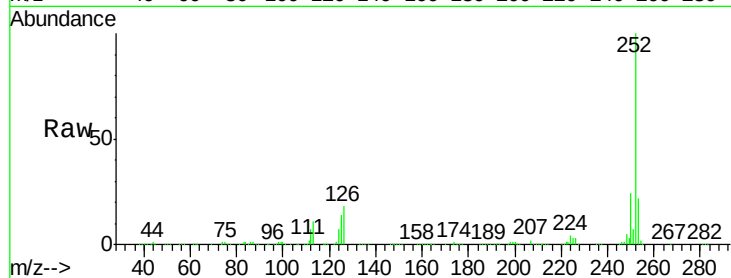




#89
Benzo(a)pyrene
Concen: 10.46 ng
RT: 15.43 min Scan# 1211
Delta R.T. 0.11 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

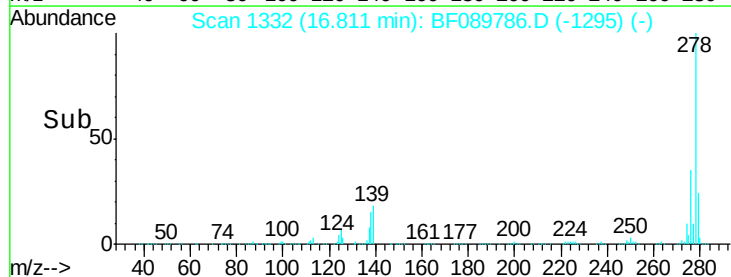
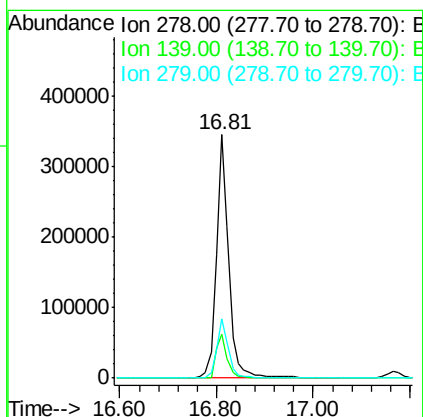
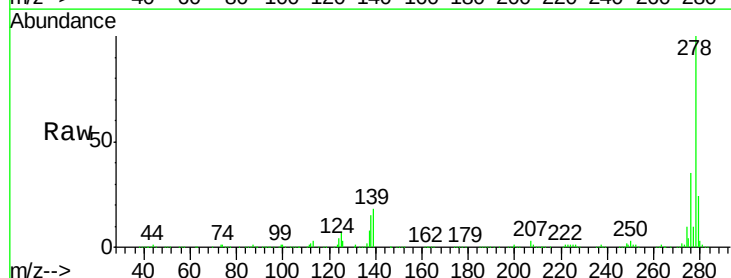
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

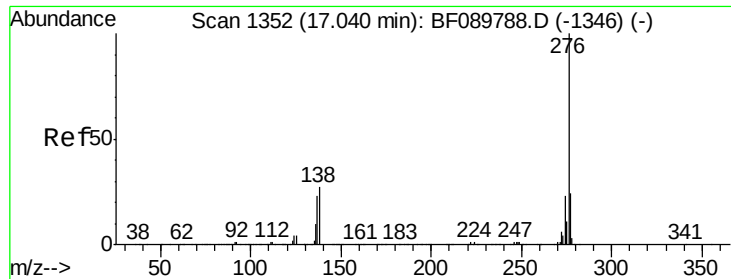
Tot Ion:252 Resp: 574972
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 13.9 11.7 17.5



#90
Dibenzo(a,h)anthracene
Concen: 14.37 ng
RT: 16.81 min Scan# 1332
Delta R.T. 0.13 min
Lab File: BF089786.D
Acq: 19 Aug 2016 10:22

Tgt Ion:278 Resp: 621999
Ion Ratio Lower Upper
278 100
139 18.0 14.9 22.3
279 24.2 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 14.72 ng

RT: 17.17 min Scan# 1363

Delta R.T. 0.13 min

Lab File: BF089786.D

Acq: 19 Aug 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

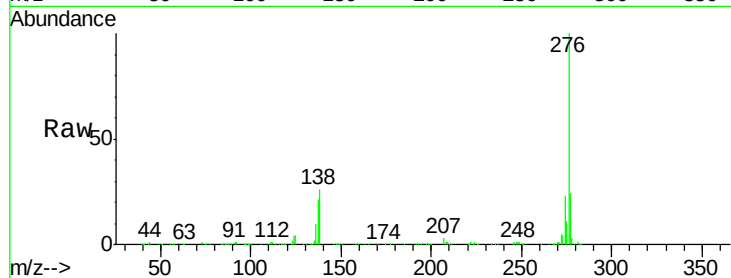
Tot Ion: 276 Resp: 648676

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 25.5 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

