

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090049.D
 Acq On : 9 Sep 2016 16:03
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 09 16:49:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	173201	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	708344	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	363344	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	705720	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	437413	20.00	ng	-0.01
86) Perylene-d12	15.05	264	378101	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	866048	80.04	ng	-0.01
7) Phenol-d6	6.24	99	985953	74.99	ng	-0.01
23) Nitrobenzene-d5	7.16	82	967021	79.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	286667	79.97	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	1671910	75.53	ng	-0.01
78) Terphenyl-d14	12.69	244	1723304	97.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.01	88	192387	37.53	ng	97
3) Pyridine	2.64	79	504847	36.91	ng	98
4) n-Nitrosodimethylamine	2.59	42	233204	34.57	ng	99
6) Aniline	6.25	93	644954	35.95	ng	87
8) 2-Chlorophenol	6.38	128	466577	39.74	ng	93
9) Benzaldehyde	6.12	77	300833	35.46	ng	93
10) Phenol	6.25	94	542794	35.50	ng	98
11) bis(2-Chloroethyl)ether	6.33	93	440701	38.09	ng	98
12) 1,3-Dichlorobenzene	6.76	146	465082	35.47	ng	100
13) 1,4-Dichlorobenzene	6.60	146	536324	39.98	ng	97
14) 1,2-Dichlorobenzene	6.76	146	488787	40.64	ng	94
15) Benzyl Alcohol	6.74	79	316728	38.45	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	849464	38.50	ng	92
17) 2-Methylphenol	6.87	107	379554	40.48	ng	99
18) Hexachloroethane	7.10	117	181877	39.58	ng	# 86
19) n-Nitroso-di-n-propylamine	7.02	70	319667	37.31	ng	87
20) 3+4-Methylphenols	7.03	107	464886	40.91	ng	# 69
22) Acetophenone	7.00	105	612991	38.58	ng	# 92
24) Nitrobenzene	7.18	77	457759	35.25	ng	95
25) Isophorone	7.43	82	942037	37.93	ng	98
26) 2-Nitrophenol	7.50	139	266706	42.97	ng	95
27) 2,4-Dimethylphenol	7.55	122	445386	38.79	ng	96
28) bis(2-Chloroethoxy)methane	7.64	93	585223	39.07	ng	99
29) 2,4-Dichlorophenol	7.75	162	404763	39.32	ng	90
30) 1,2,4-Trichlorobenzene	7.83	180	436312	38.77	ng	98
31) Naphthalene	7.90	128	1251481	35.46	ng	100
32) Benzoic acid	7.70	122	324980	42.02	ng	96
33) 4-Chloroaniline	7.95	127	421570	29.61	ng	98
34) Hexachlorobutadiene	8.02	225	248645	37.70	ng	98
35) Caprolactam	8.34	113	124009	38.17	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	409785	37.59	ng	# 80
37) 2-Methylnaphthalene	8.59	142	916122	39.29	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	404030	37.96	ng	99
40) Hexachlorocyclopentadiene	8.74	237	202287	37.06	ng	95

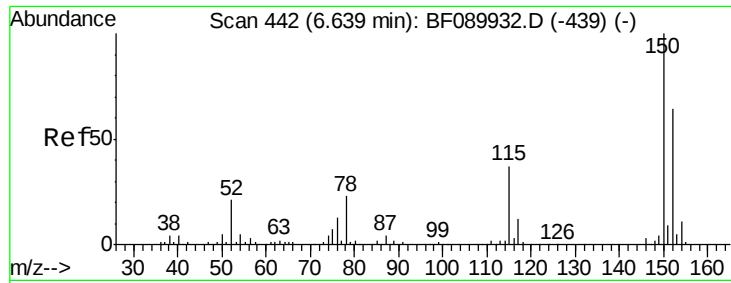
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090049.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	296257	40.16	ng	97
43) 2,4,5-Trichlorophenol	8.91	196	313442	44.19	ng	96
45) 1,1'-Biphenyl	9.06	154	1188813	40.64	ng	95
46) 2-Chloronaphthalene	9.07	162	807244	39.01	ng	99
47) 2-Nitroaniline	9.18	65	266786	39.44	ng	93
48) Acenaphthylene	9.48	152	1292616	37.78	ng	99
49) Dimethylphthalate	9.37	163	1059333	40.34	ng	99
50) 2,6-Dinitrotoluene	9.43	165	259158	44.37	ng	# 75
51) Acenaphthene	9.66	154	828436	38.21	ng	99
52) 3-Nitroaniline	9.59	138	233541	35.06	ng	95
53) 2,4-Dinitrophenol	9.69	184	115535	40.07	ng	92
54) Dibenzofuran	9.83	168	1059709	36.47	ng	98
55) 4-Nitrophenol	9.76	139	190685	37.95	ng	# 65
56) 2,4-Dinitrotoluene	9.83	165	302295	40.81	ng	# 91
57) Fluorene	10.17	166	864949	40.74	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	265491	43.72	ng	96
59) Diethylphthalate	10.07	149	975747	39.49	ng	97
60) 4-Chlorophenyl-phenylether	10.17	204	404028	40.44	ng	# 88
61) 4-Nitroaniline	10.20	138	268095	40.96	ng	98
62) Azobenzene	10.33	77	934672	37.88	ng	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	175859	38.92	ng	89
65) n-Nitrosodiphenylamine	10.30	169	832367	39.23	ng	99
66) 4-Bromophenyl-phenylether	10.65	248	278622	39.22	ng	# 91
67) Hexachlorobenzene	10.72	284	326371	40.22	ng	# 70
68) Atrazine	10.82	200	253688	35.82	ng	98
69) Pentachlorophenol	10.91	266	195675	44.82	ng	99
70) Phenanthrene	11.12	178	1270350	36.15	ng	99
71) Anthracene	11.18	178	1471328	41.28	ng	99
72) Carbazole	11.34	167	1371011	41.02	ng	98
73) Di-n-butylphthalate	11.68	149	1509168	38.74	ng	99
74) Fluoranthene	12.30	202	1379889	37.47	ng	98
76) Benzidine	12.43	184	360402	21.75	ng	99
77) Pyrene	12.53	202	1456469	47.23	ng	99
79) Butylbenzylphthalate	13.17	149	581831	46.78	ng	# 76
80) Benzo(a)anthracene	13.70	228	1047982	39.12	ng	100
81) 3,3'-Dichlorobenzidine	13.68	252	317881	32.87	ng	# 96
82) Chrysene	13.74	228	865324	34.58	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	745800	43.35	ng	# 97
84) Di-n-octyl phthalate	14.33	149	1065088	38.36	ng	100
85) Indeno(1,2,3-cd)pyrene	16.26	276	993979	53.72	ng	99
87) Benzo(b)fluoranthene	14.72	252	1593177	67.26	ng	99
88) Benzo(k)fluoranthene	14.72	252	1593177	79.26	ng	99
89) Benzo(a)pyrene	14.99	252	771156	38.00	ng	# 96
90) Dibenzo(a,h)anthracene	16.29	278	817795	55.00	ng	99
91) Benzo(g,h,i)perylene	16.63	276	840743	56.17	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

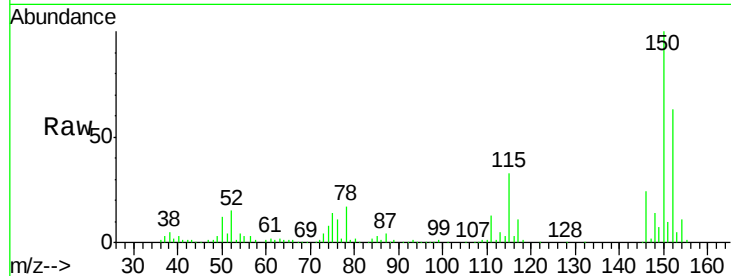
Tgt Ion:152 Resp: 173201

Ion Ratio Lower Upper

152 100

150 159.4 127.4 191.2

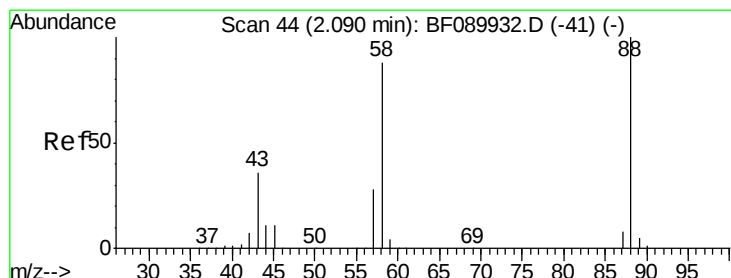
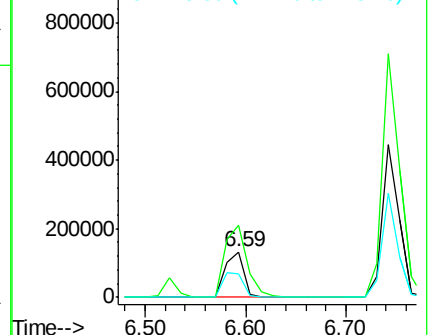
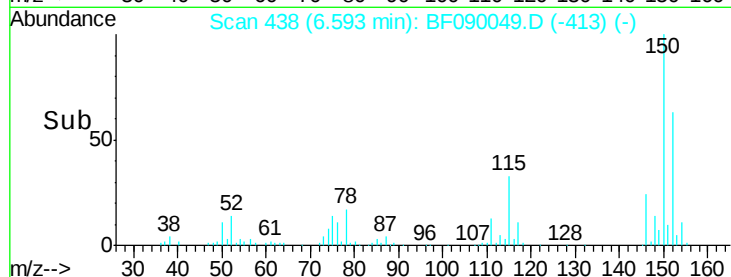
115 52.0 46.3 69.5



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: 37.53 ng

RT: 2.01 min Scan# 37

Delta R.T. -0.02 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

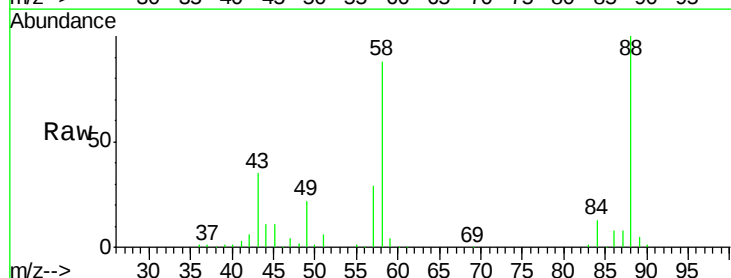
Tgt Ion: 88 Resp: 192387

Ion Ratio Lower Upper

88 100

58 83.5 68.8 103.2

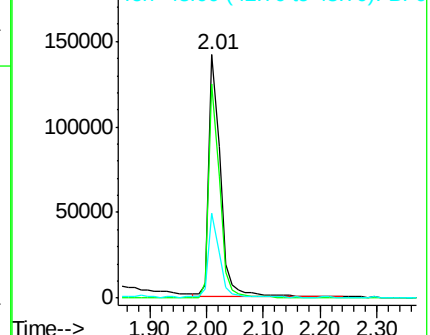
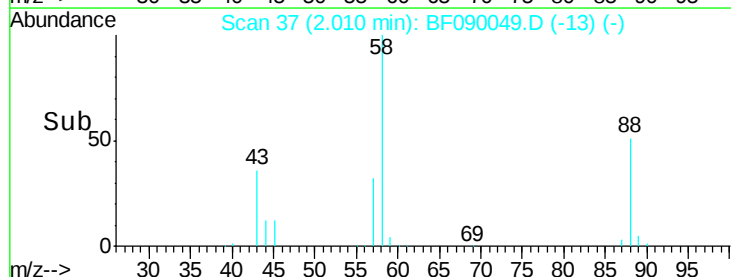
43 32.2 27.0 40.6

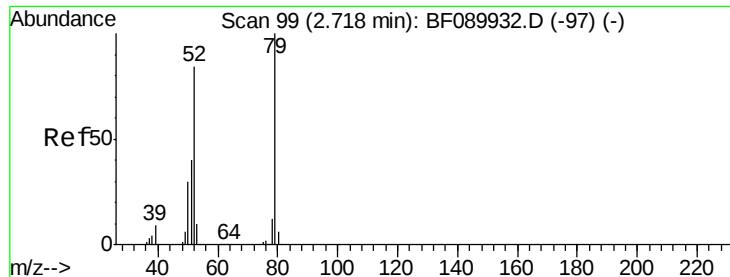


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.91 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.02 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

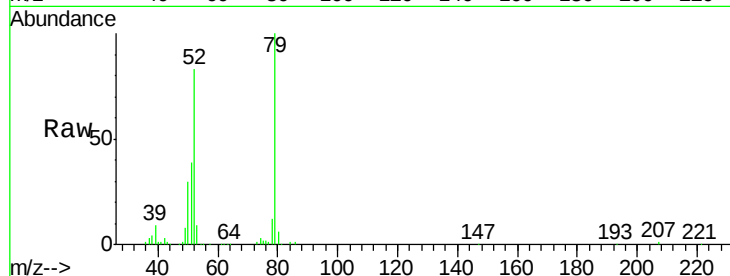
Tgt Ion: 79 Resp: 504847

Ion Ratio Lower Upper

79 100

52 82.8 67.8 101.6

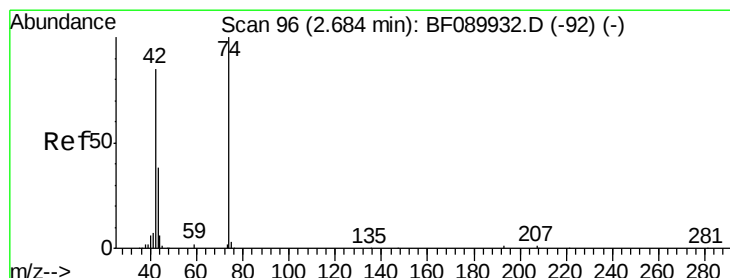
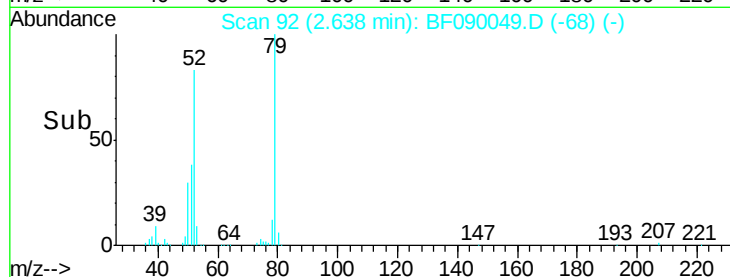
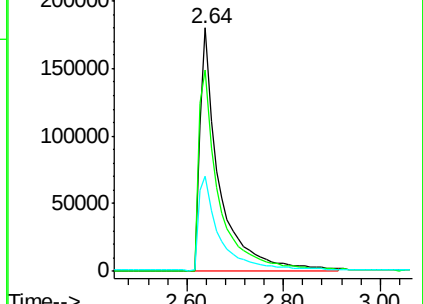
51 39.1 32.9 49.3



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: 34.57 ng

RT: 2.59 min Scan# 88

Delta R.T. -0.02 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

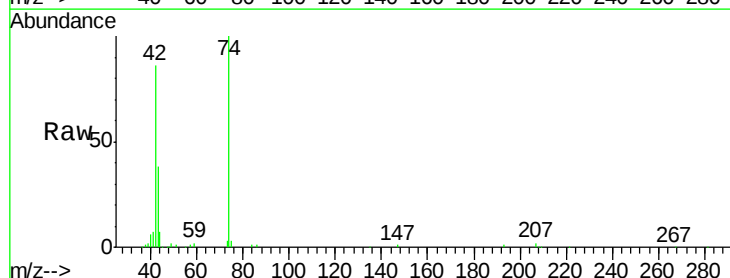
Tgt Ion: 42 Resp: 233204

Ion Ratio Lower Upper

42 100

74 116.2 92.0 138.0

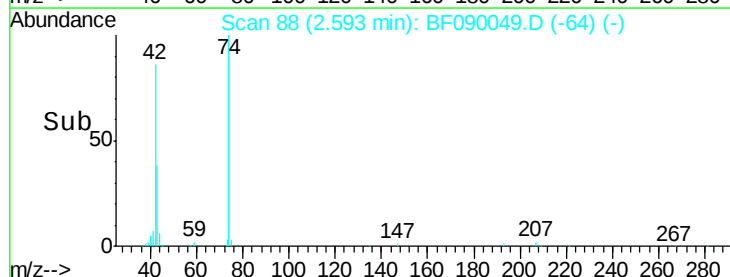
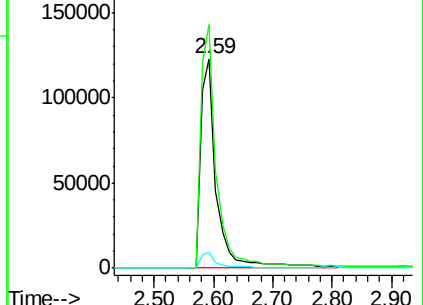
44 7.8 5.8 8.8

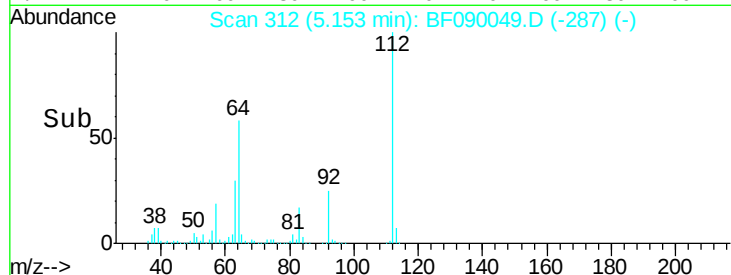
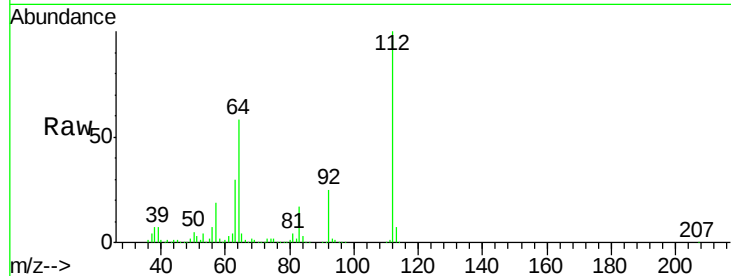
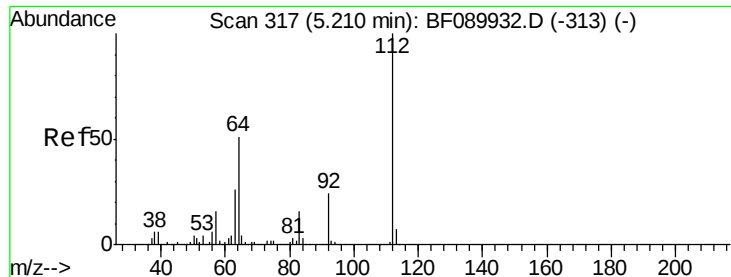


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

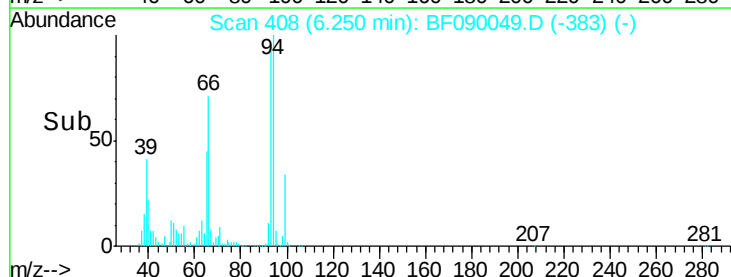
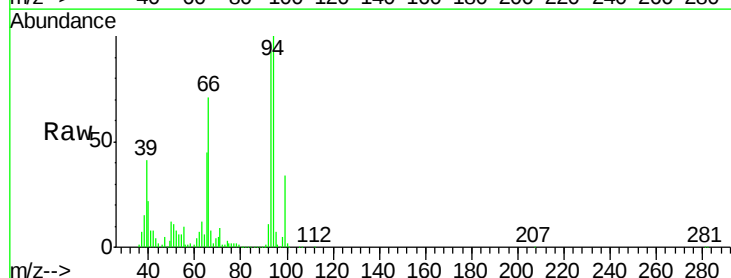
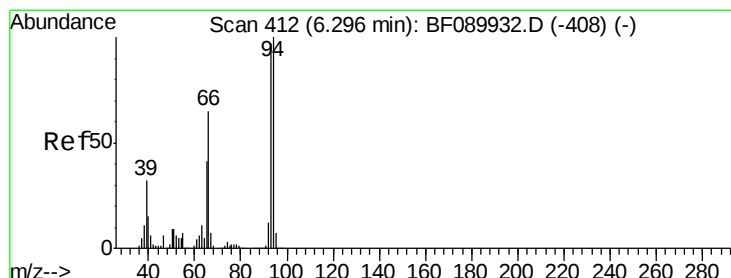
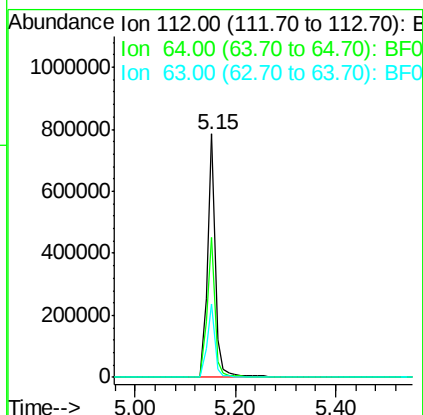




#5
2-Fluorophenol
Concen: 80.04 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

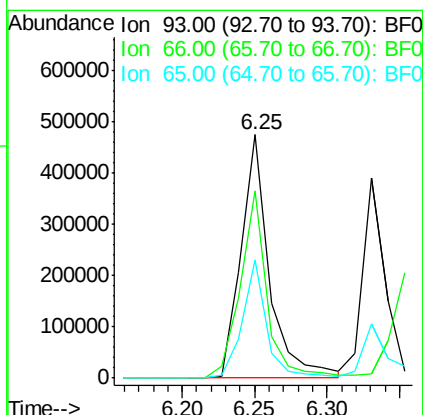
Instrument :
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SSTDCCC040

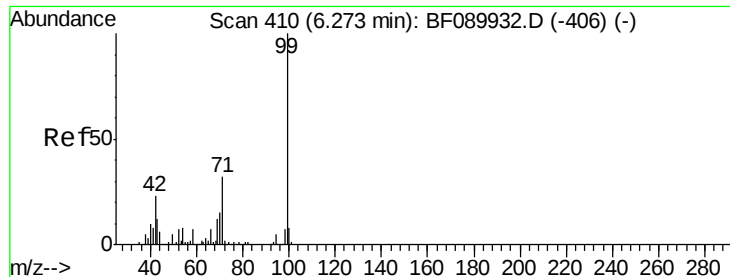
Tgt Ion: 112 Resp: 866048
Ion Ratio Lower Upper
112 100
64 57.5 41.1 61.7
63 30.0 21.2 31.8



#6
Aniline
Concen: 35.95 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 93 Resp: 644954
Ion Ratio Lower Upper
93 100
66 76.7 52.9 79.3
65 48.5 33.0 49.6





#7

Phenol-d6

Concen: 74.99 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

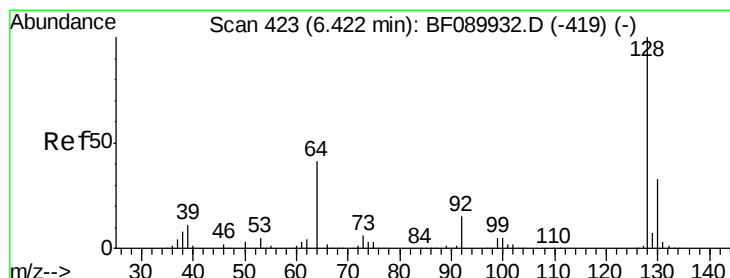
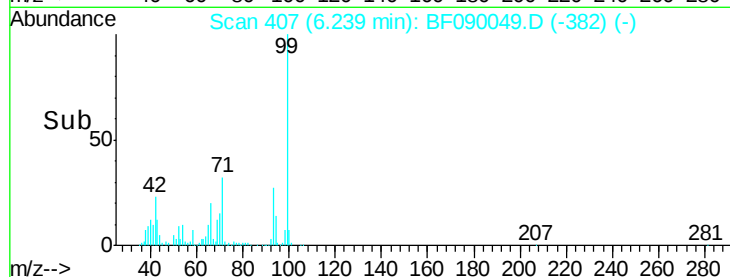
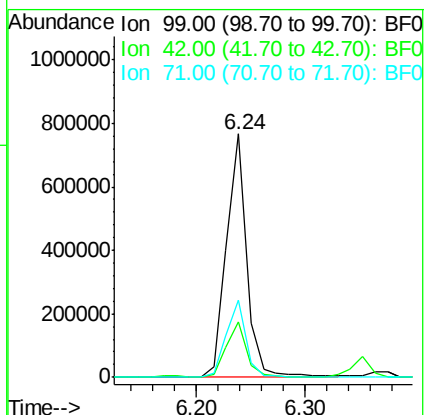
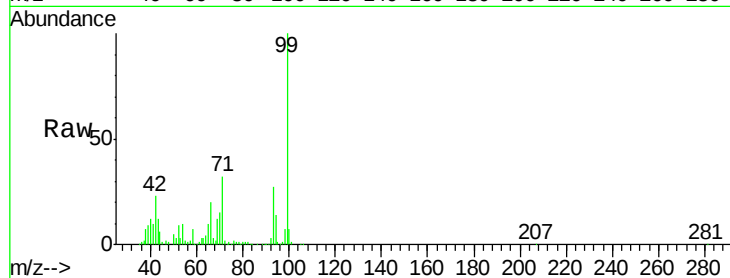
Tgt Ion: 99 Resp: 985953

Ion Ratio Lower Upper

99 100

42 22.8 18.6 27.8

71 32.0 25.8 38.6



#8

2-Chlorophenol

Concen: 39.74 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

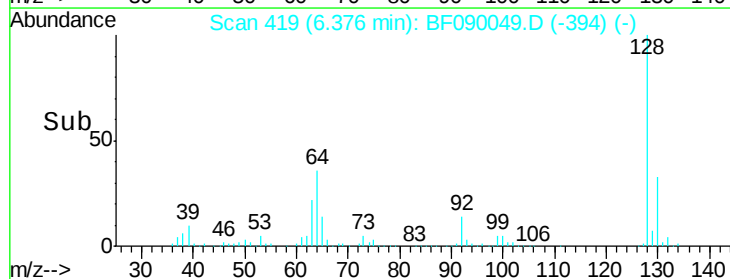
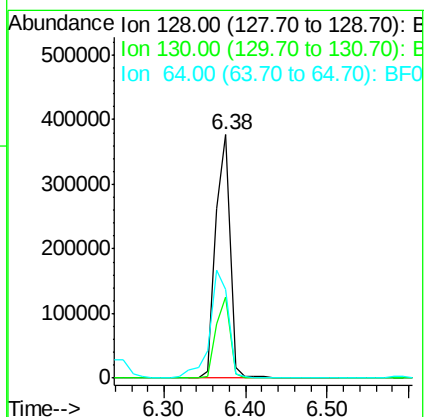
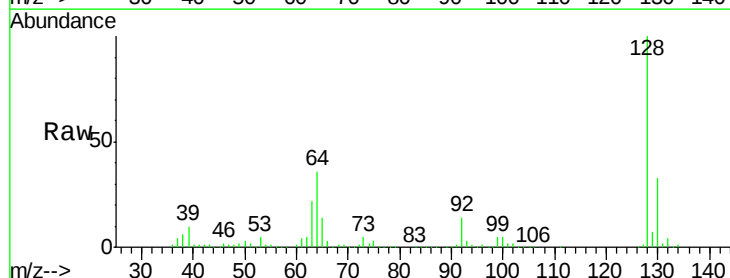
Tgt Ion: 128 Resp: 466577

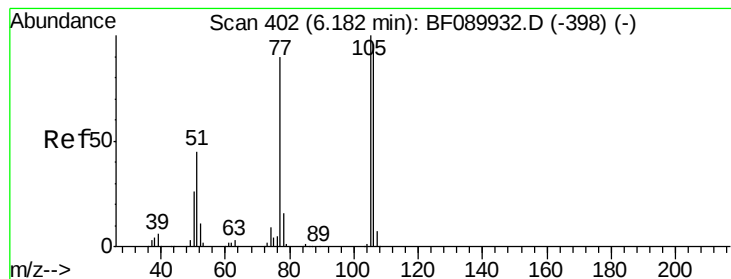
Ion Ratio Lower Upper

128 100

130 33.5 12.8 52.8

64 36.4 23.2 63.2





#9

Benzaldehyde

Concen: 35.46 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

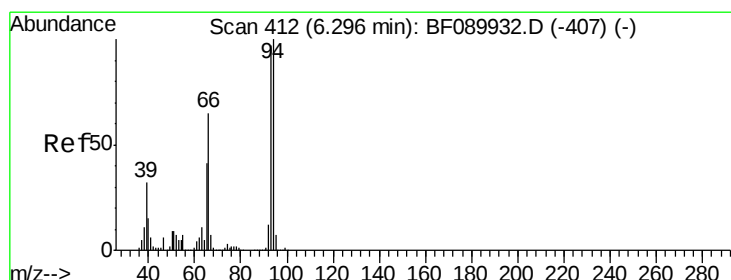
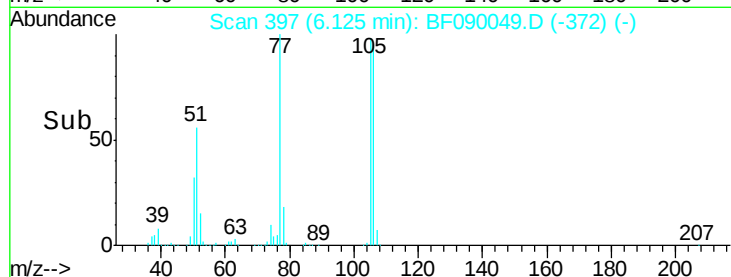
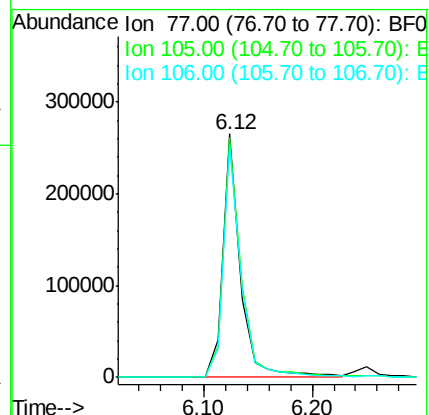
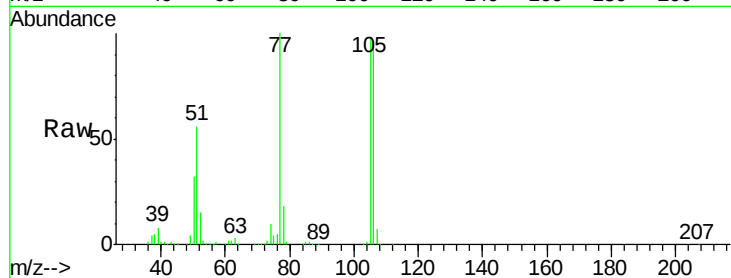
Tgt Ion: 77 Resp: 300833

Ion Ratio Lower Upper

77 100

105 98.3 85.4 125.4

106 95.4 83.4 123.4



#10

Phenol

Concen: 35.50 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

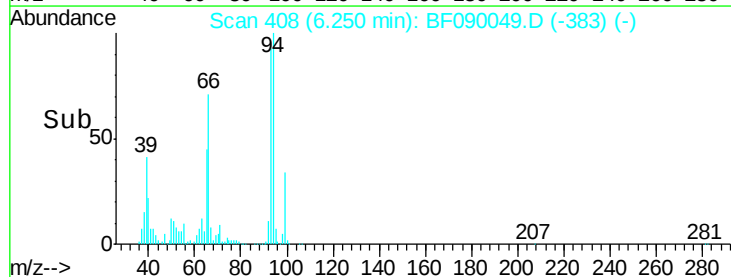
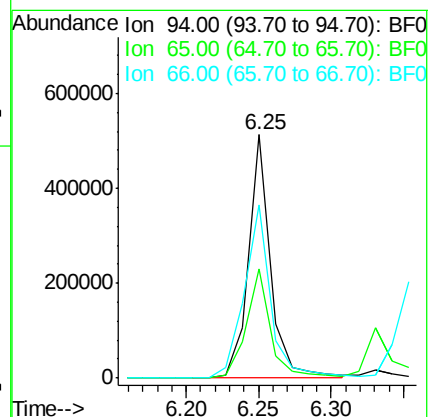
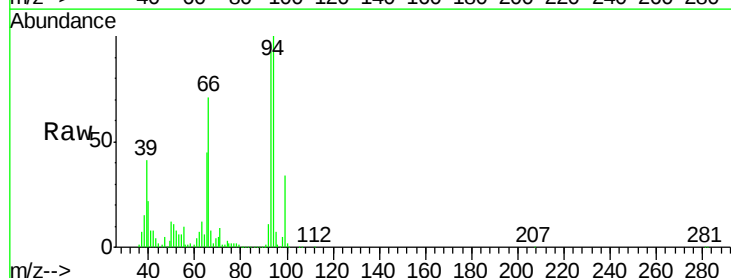
Tgt Ion: 94 Resp: 542794

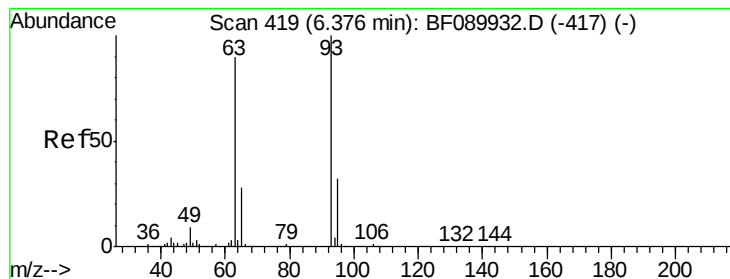
Ion Ratio Lower Upper

94 100

65 44.9 23.2 63.2

66 71.0 49.2 89.2





#11

bis(2-Chloroethyl)ether

Concen: 38.09 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

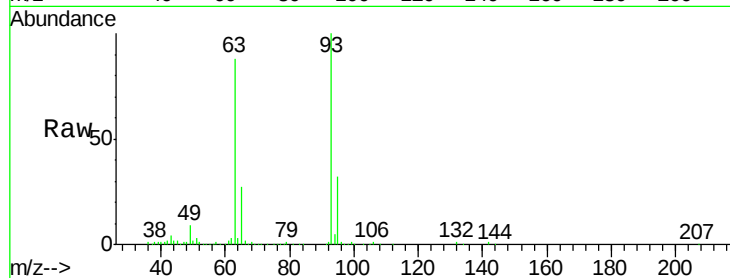
Tgt Ion: 93 Resp: 440701

Ion Ratio Lower Upper

93 100

63 88.3 71.1 111.1

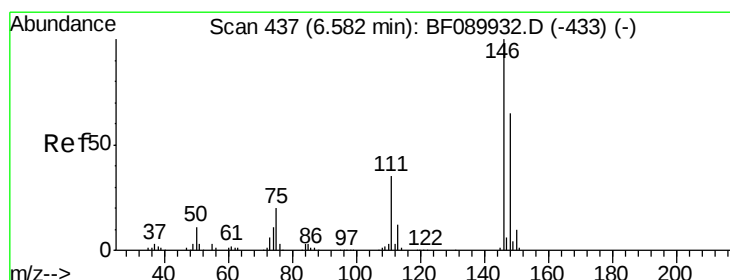
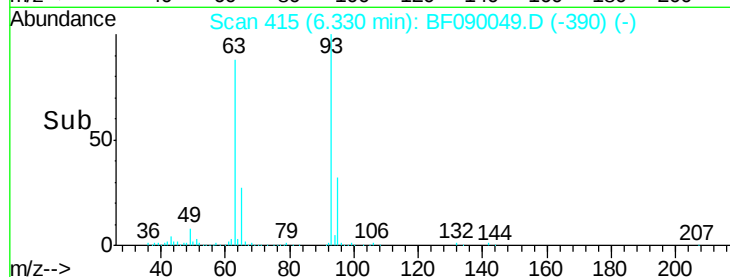
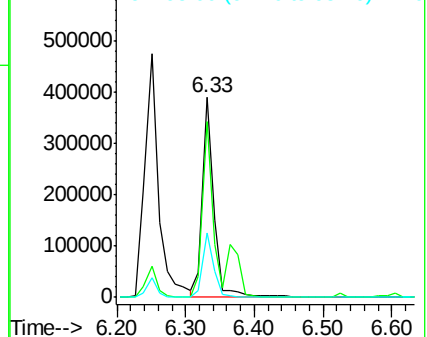
95 32.0 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.47 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.23 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

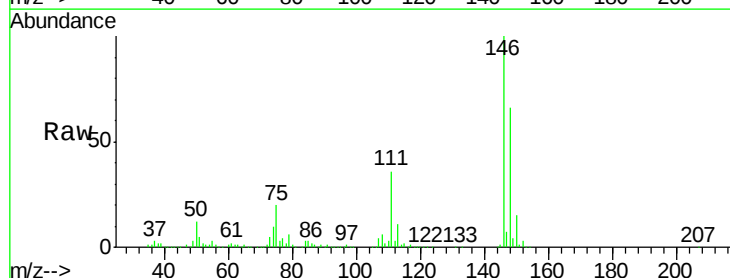
Tgt Ion: 146 Resp: 465082

Ion Ratio Lower Upper

146 100

148 65.6 52.5 78.7

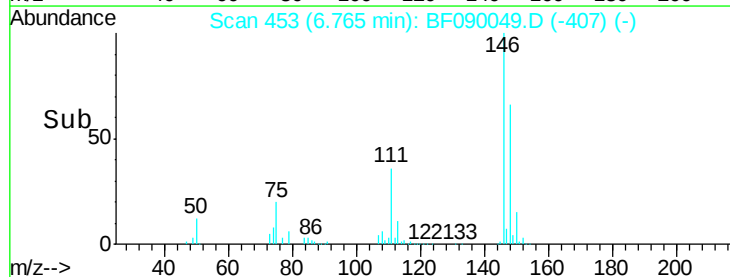
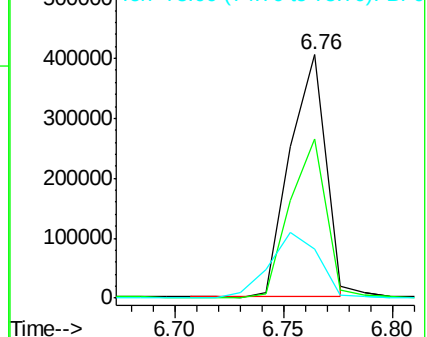
75 20.3 16.6 24.8

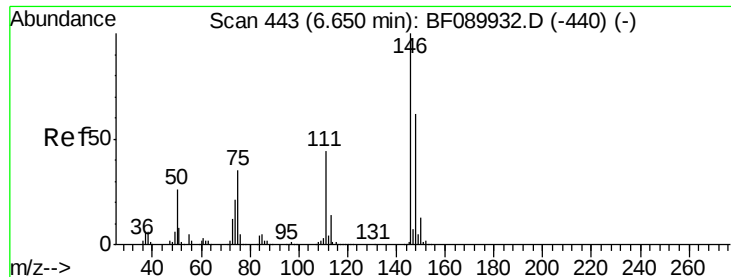


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

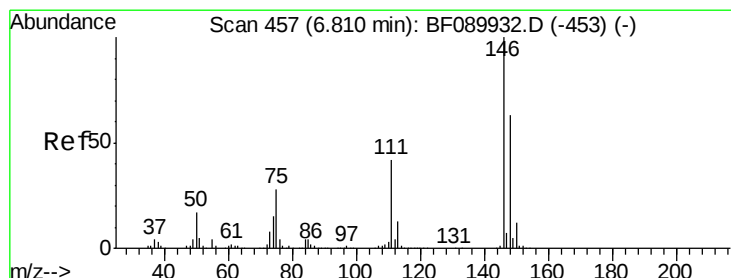
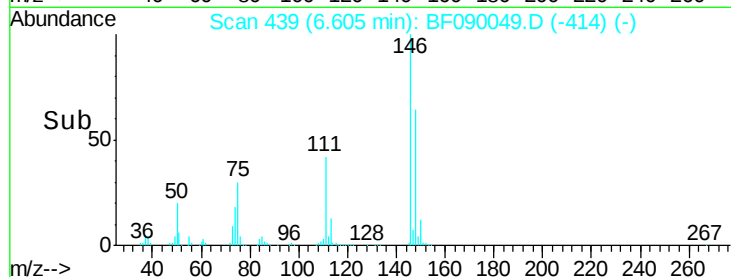
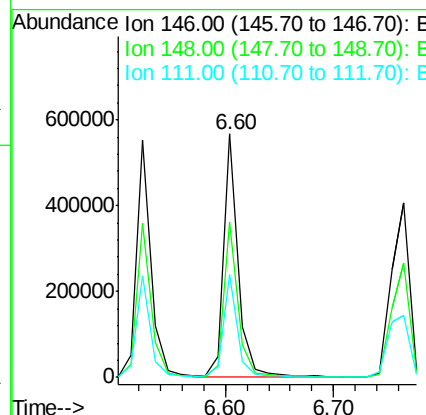
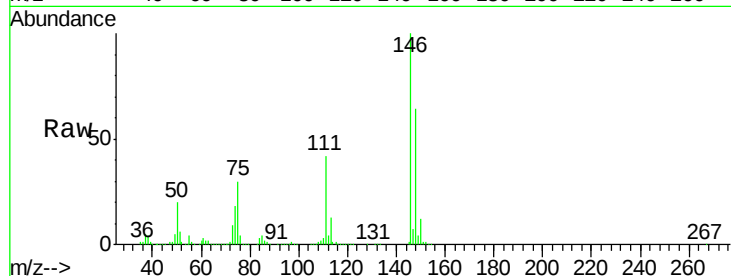




#13
 1,4-Dichlorobenzene
 Concen: 39.98 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

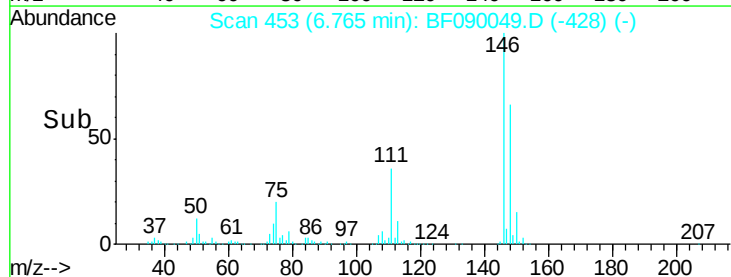
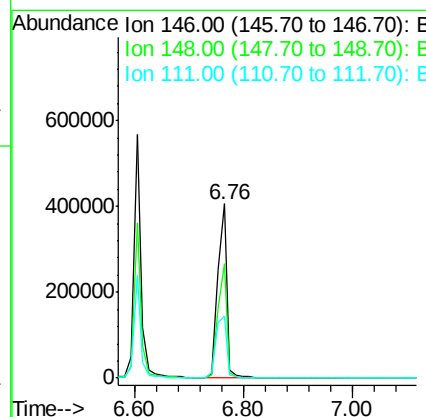
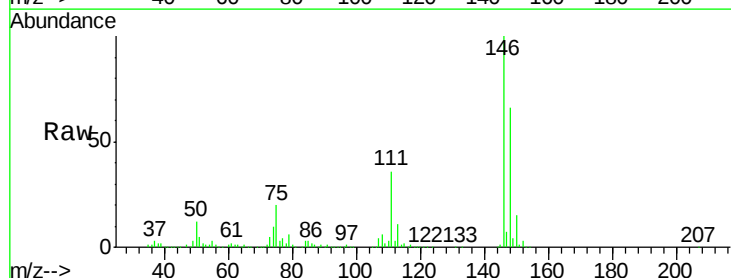
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

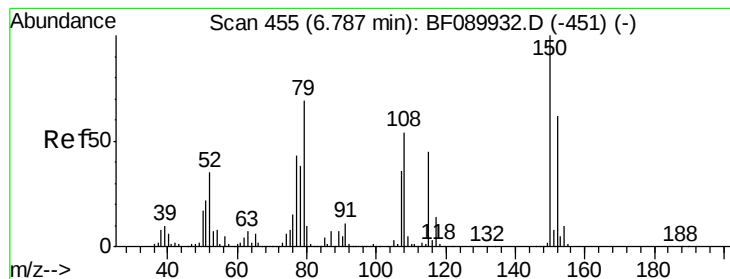
Tgt Ion:146 Resp: 536324
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.1 75.1
 111 42.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 40.64 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion:146 Resp: 488787
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.4 77.2
 111 35.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 38.45 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

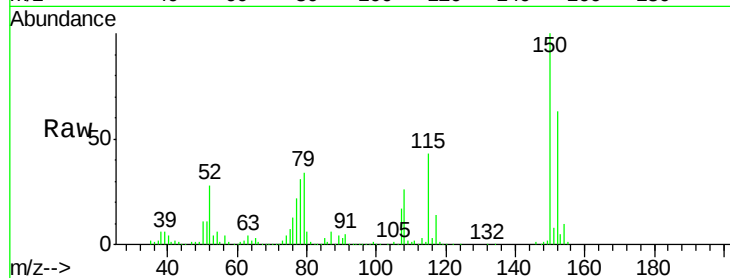
Tgt Ion: 79 Resp: 316728

Ion Ratio Lower Upper

79 100

108 75.6 62.1 93.1

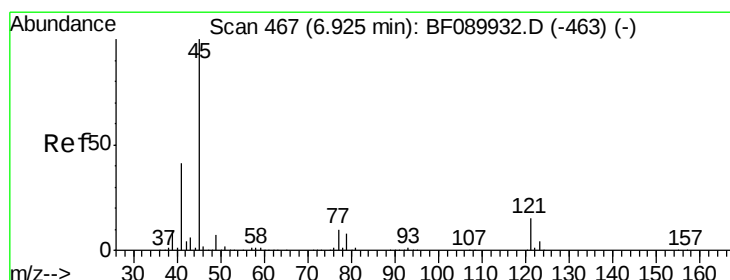
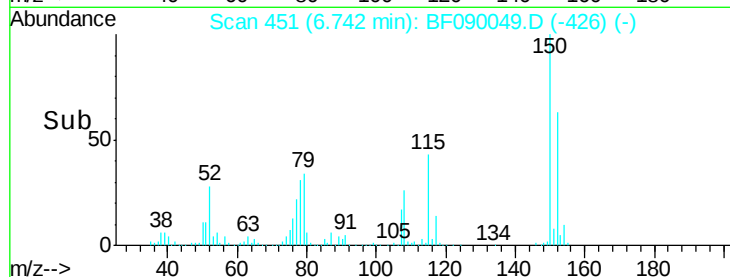
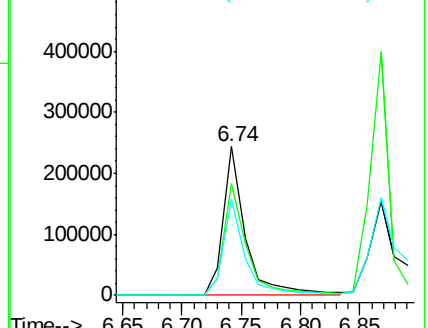
77 64.9 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.50 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

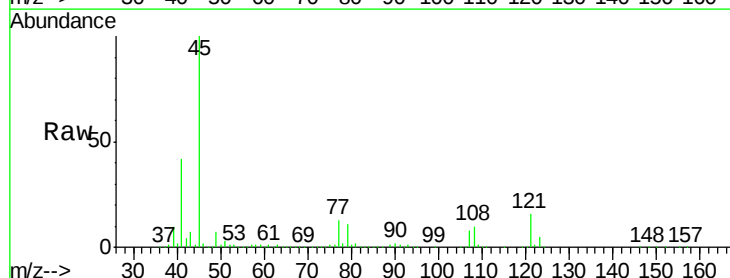
Tgt Ion: 45 Resp: 849464

Ion Ratio Lower Upper

45 100

77 13.0 0.0 30.3

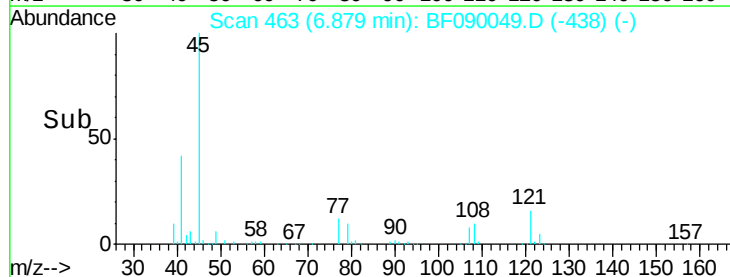
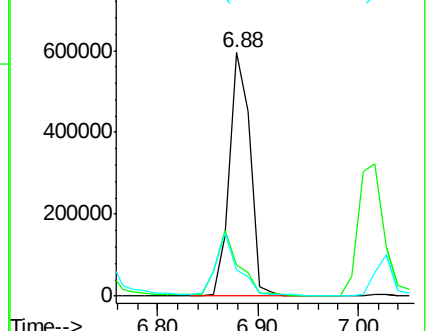
79 10.8 0.0 27.5

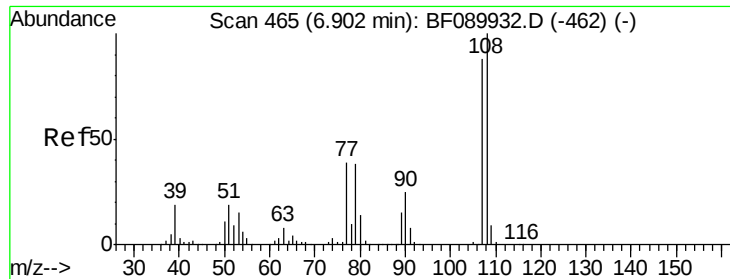


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

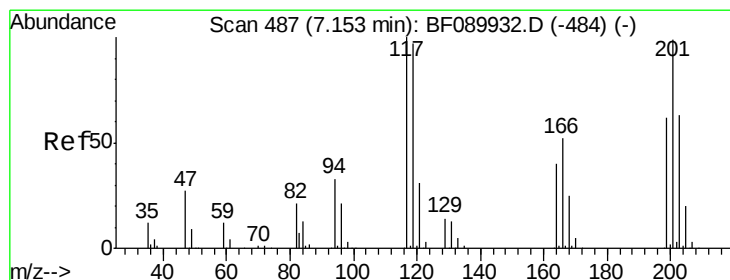
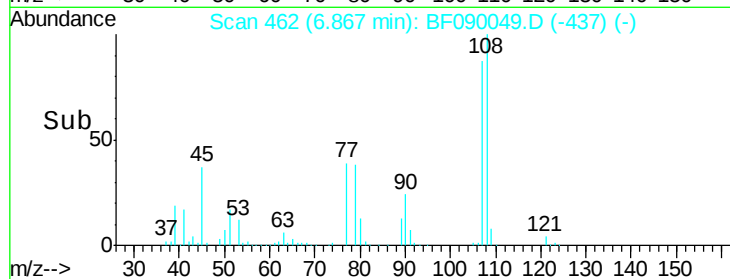
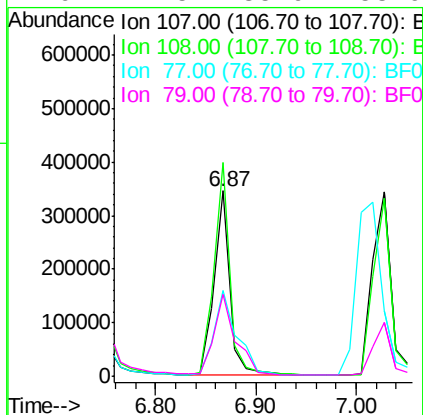
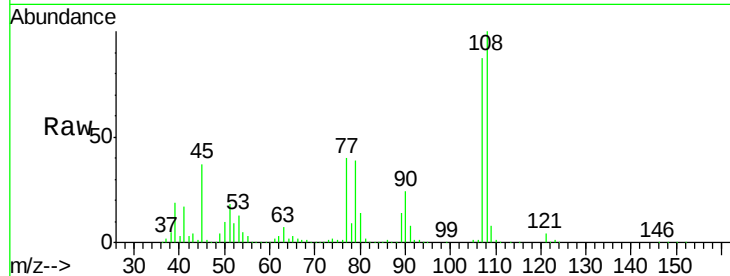




#17
2-Methylphenol
Concen: 40.48 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

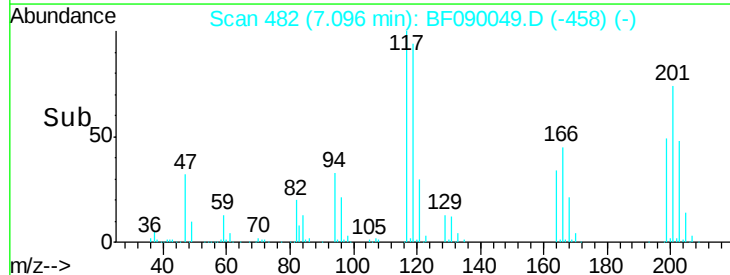
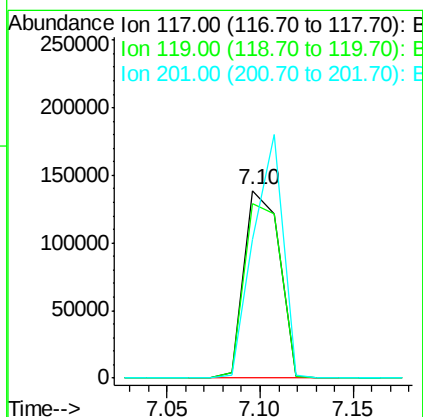
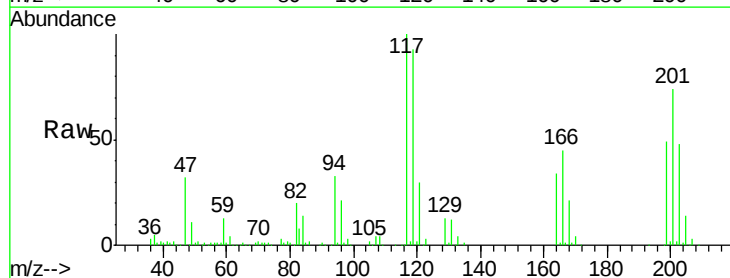
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

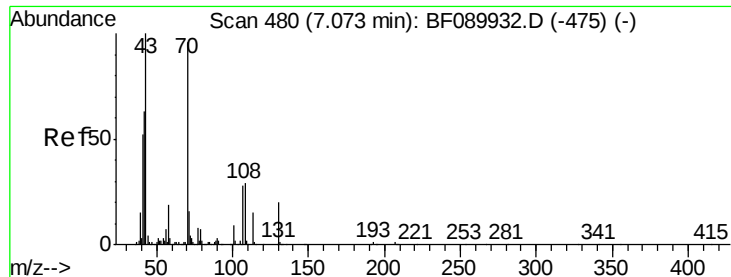
Tgt Ion:	107	Resp:	379554
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.8	137.6
77	46.3	36.0	54.0
79	44.5	35.9	53.9



#18
Hexachloroethane
Concen: 39.58 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:	117	Resp:	181877
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.2	114.2
201	73.8	80.2	120.2#

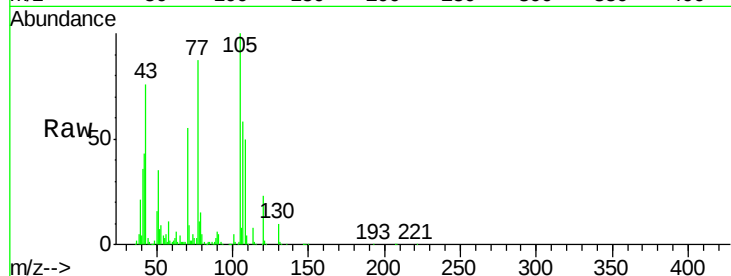




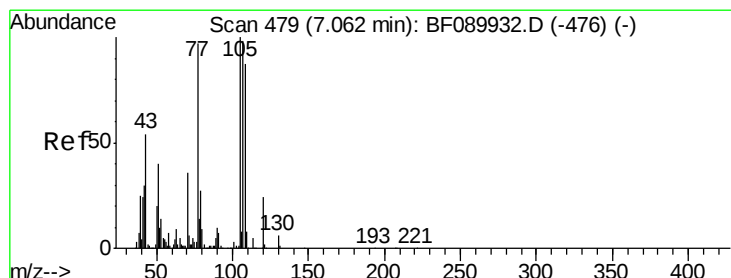
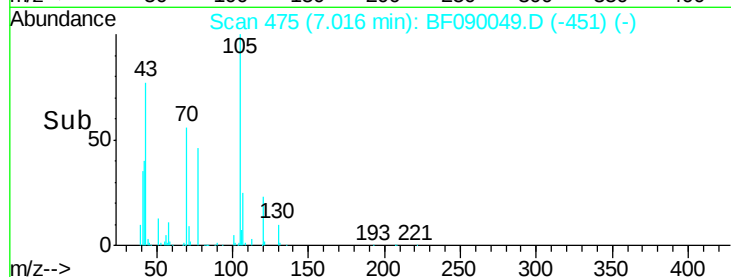
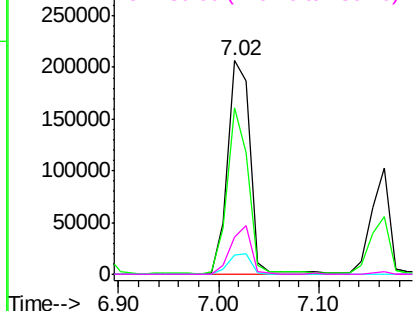
#19
n-Nitroso-di-n-propylamine
Concen: 37.31 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 319667
Ion Ratio Lower Upper
70 100
42 78.0 52.1 78.1
101 9.2 7.4 11.2
130 17.7 17.0 25.4

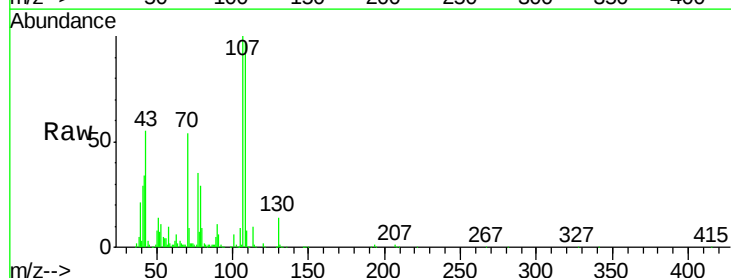


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

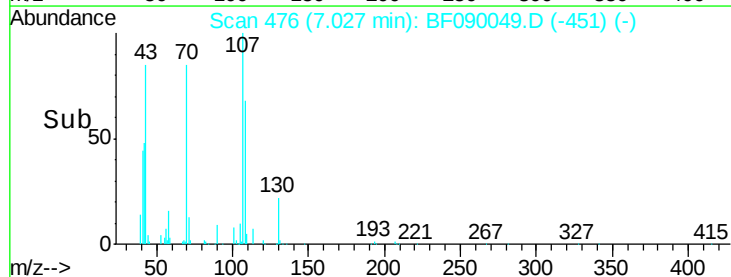
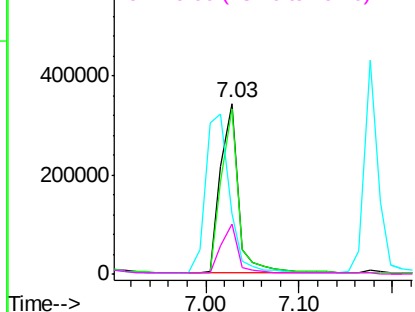


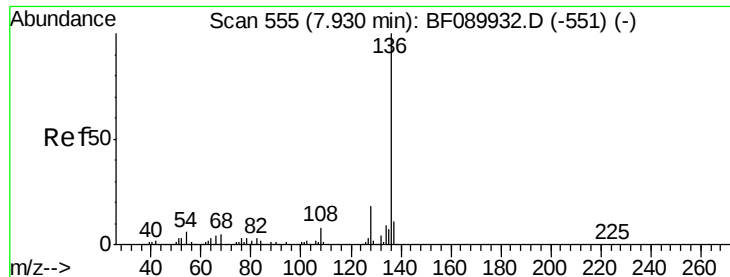
#20
3+4-Methylphenols
Concen: 40.91 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 107 Resp: 464886
Ion Ratio Lower Upper
107 100
108 96.8 70.2 110.2
77 35.2 75.7 115.7#
79 29.1 7.0 47.0



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

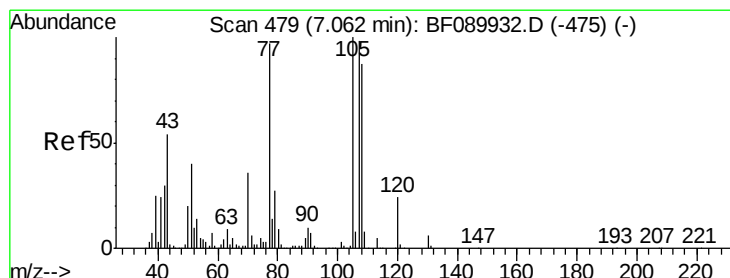
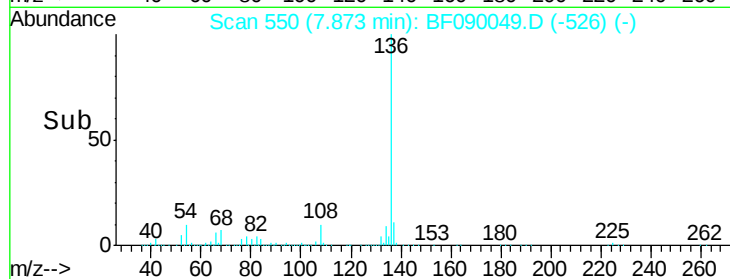
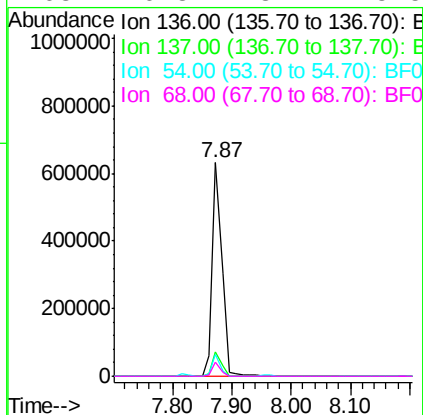
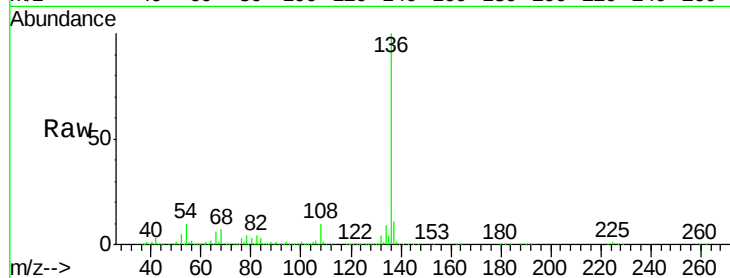




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

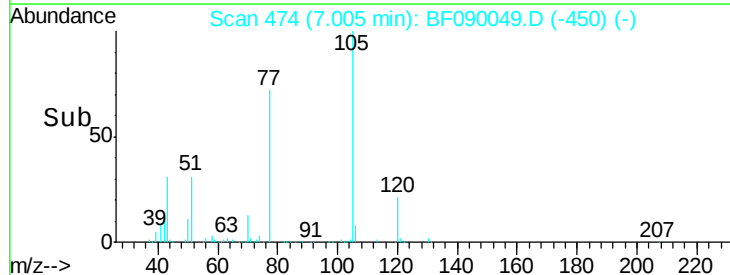
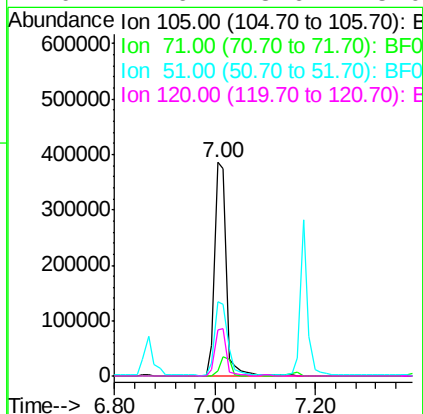
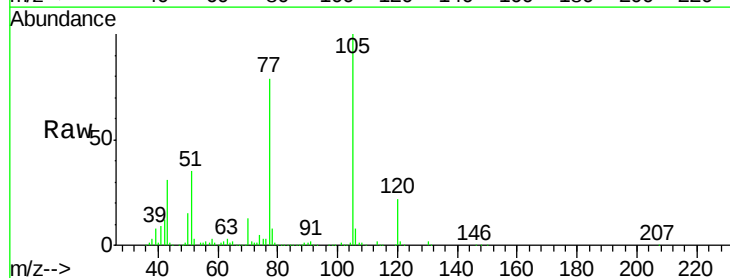
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

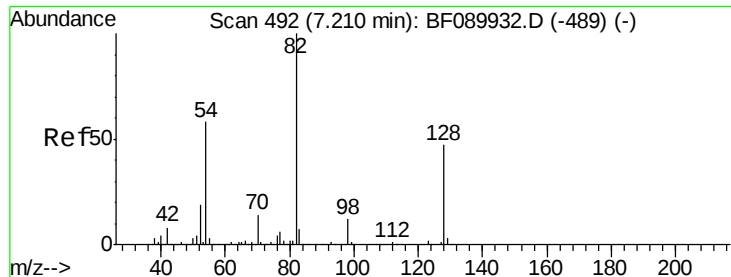
Tgt Ion:	136	Resp:	708344
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	10.2	4.8	7.2#
68	6.8	3.7	5.5#



#22
Acetophenone
Concen: 38.58 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:	105	Resp:	612991
Ion	Ratio	Lower	Upper
105	100		
71	2.5	5.3	7.9#
51	35.0	32.6	48.8
120	21.6	18.6	28.0

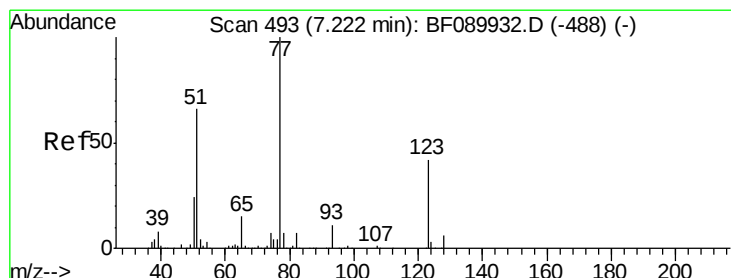
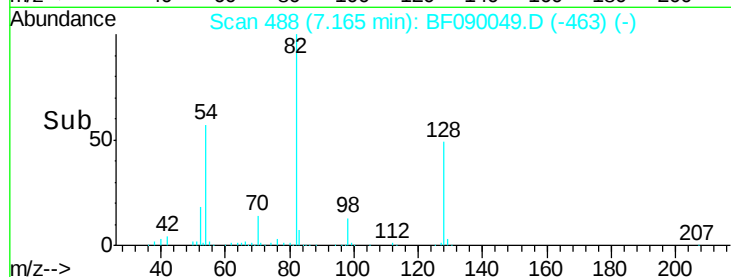
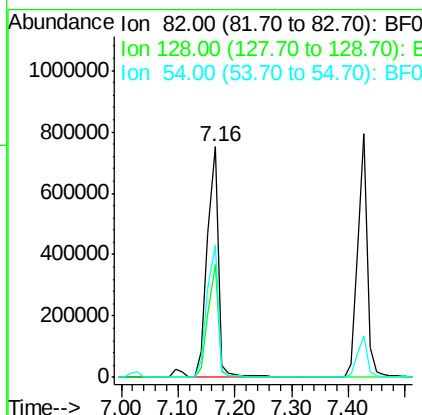
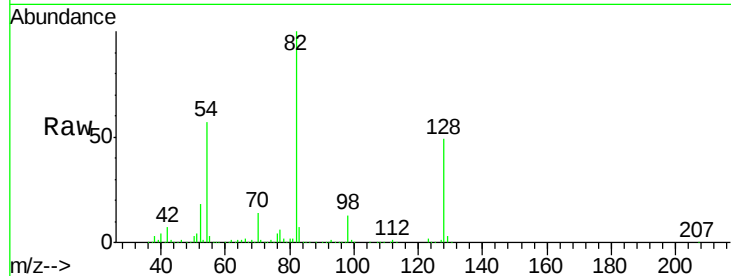




#23
 Nitrobenzene-d5
 Concen: 79.17 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

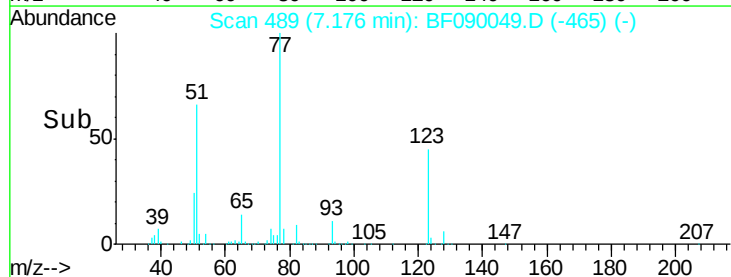
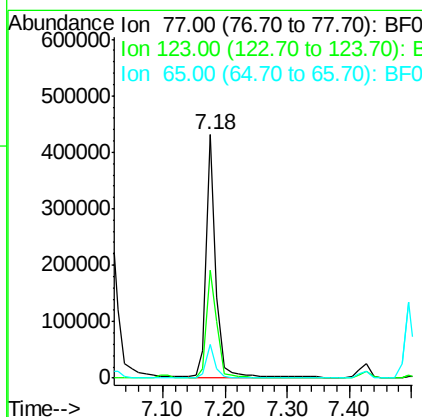
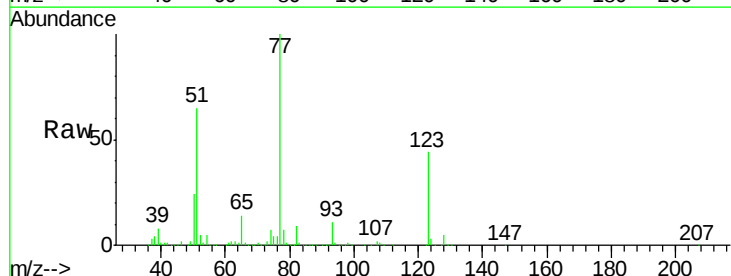
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

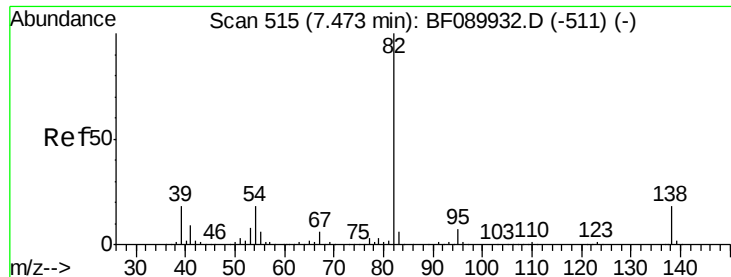
Tgt Ion: 82 Resp: 967021
 Ion Ratio Lower Upper
 82 100
 128 49.2 37.8 56.8
 54 57.4 46.9 70.3



#24
 Nitrobenzene
 Concen: 35.25 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion: 77 Resp: 457759
 Ion Ratio Lower Upper
 77 100
 123 44.2 32.0 48.0
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 37.93 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

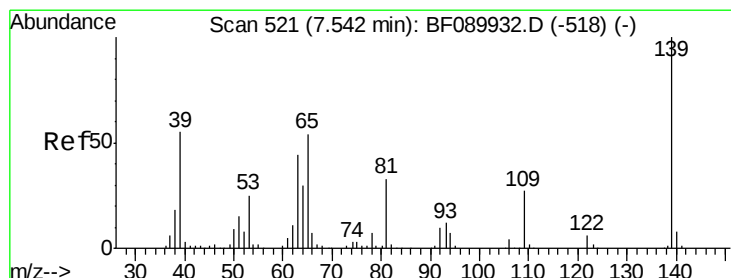
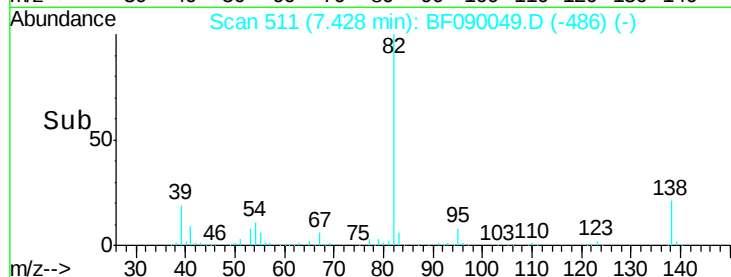
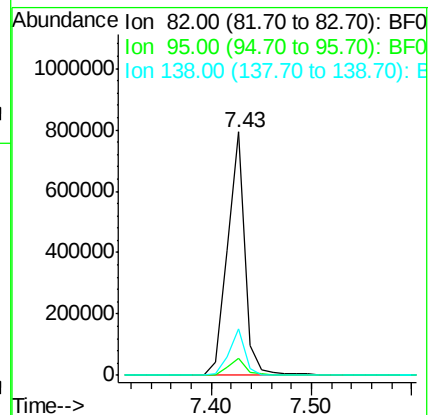
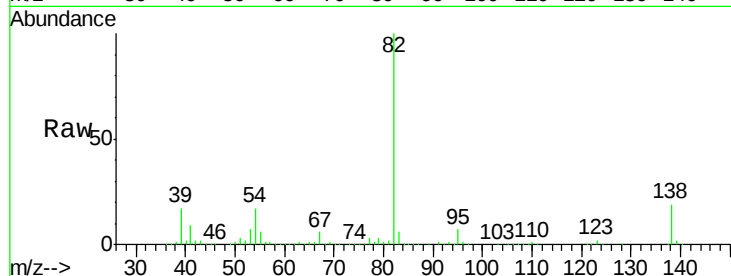
Tgt Ion: 82 Resp: 942037

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 19.1 14.4 21.6



#26

2-Nitrophenol

Concen: 42.97 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

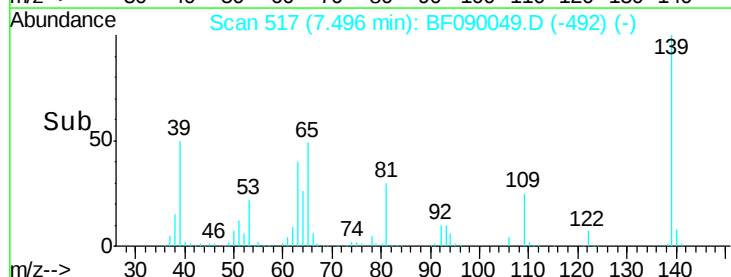
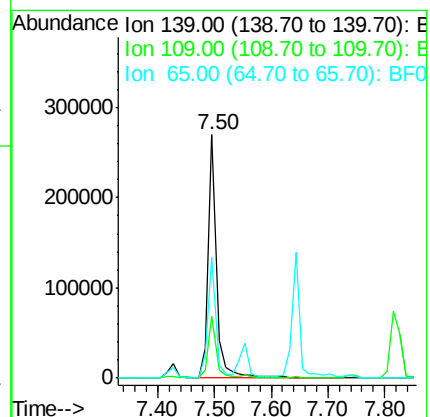
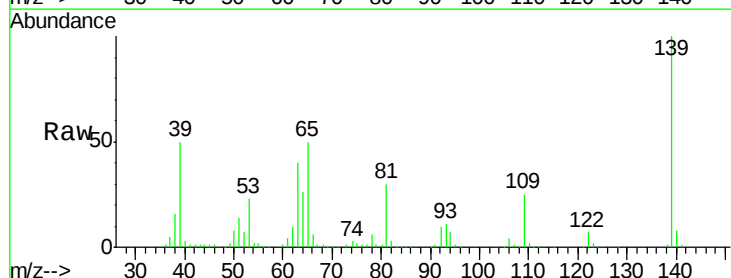
Tgt Ion: 139 Resp: 266706

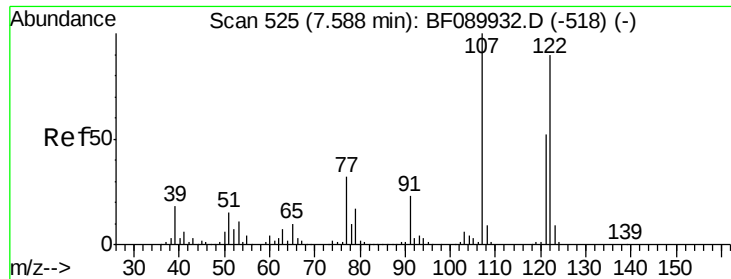
Ion Ratio Lower Upper

139 100

109 25.3 21.0 31.4

65 49.5 43.4 65.0

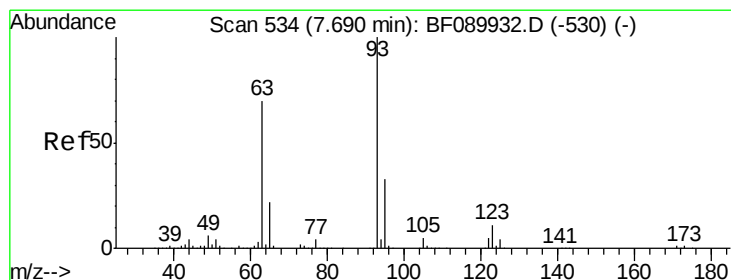
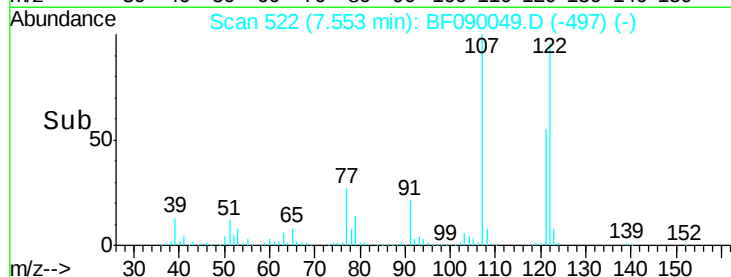
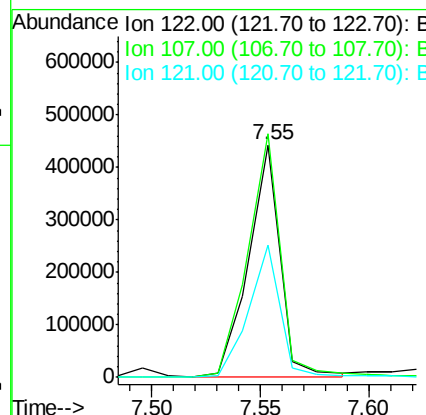
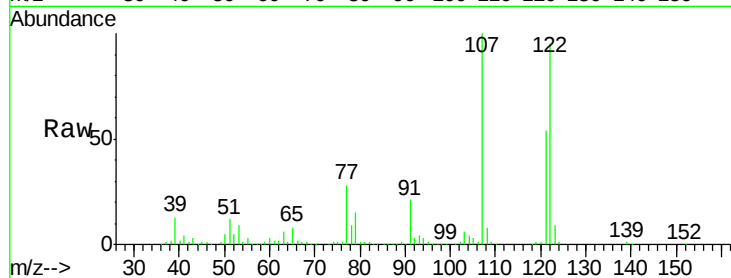




#27
 2,4-Dimethylphenol
 Concen: 38.79 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

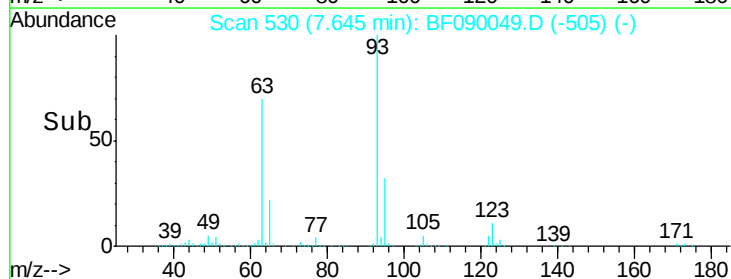
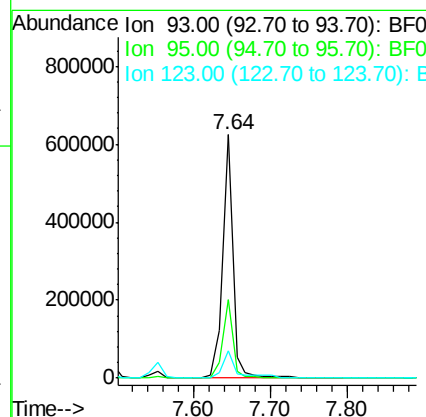
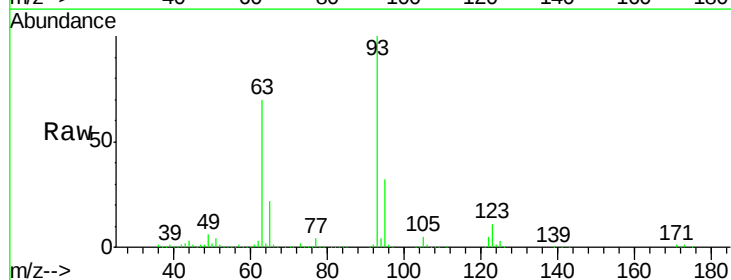
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

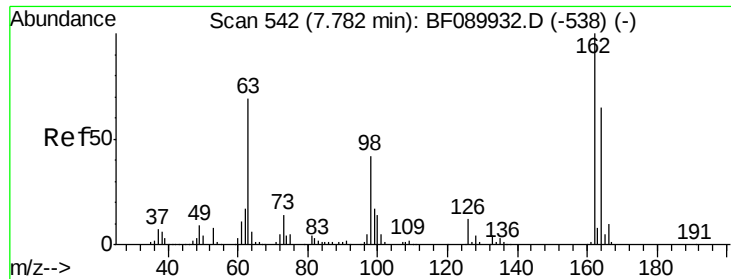
Tgt Ion:122 Resp: 445386
 Ion Ratio Lower Upper
 122 100
 107 104.8 88.5 132.7
 121 57.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.07 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion: 93 Resp: 585223
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.6 40.0
 123 11.4 9.1 13.7

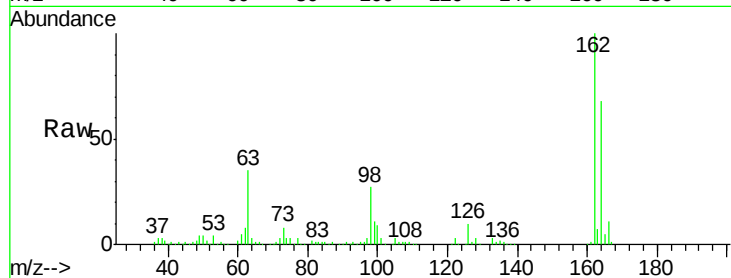




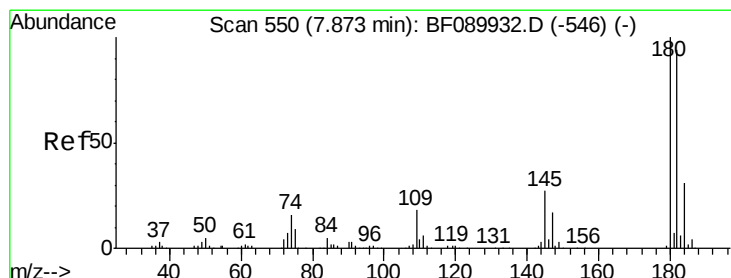
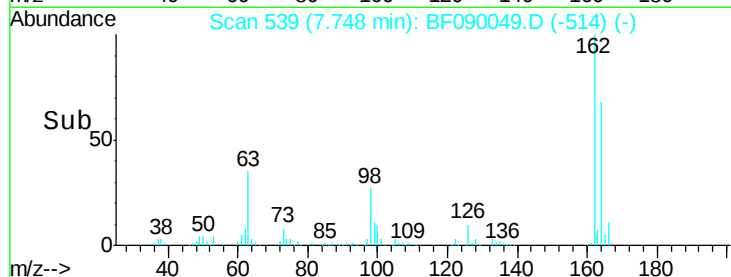
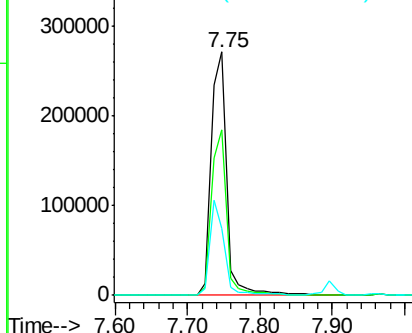
#29
 2,4-Dichlorophenol
 Concen: 39.32 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.2	46.6	86.6
98	27.3	22.0	62.0

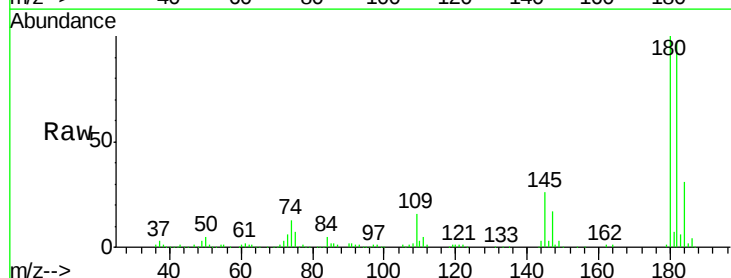


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

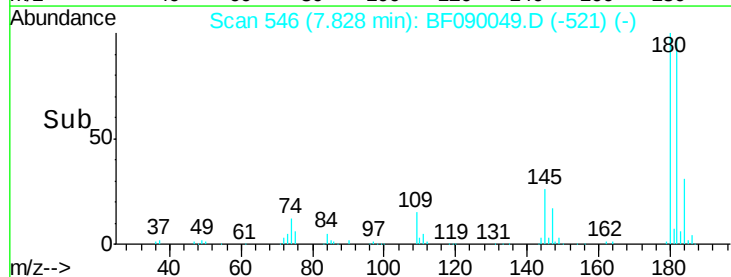
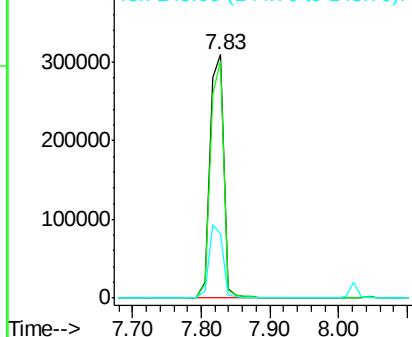


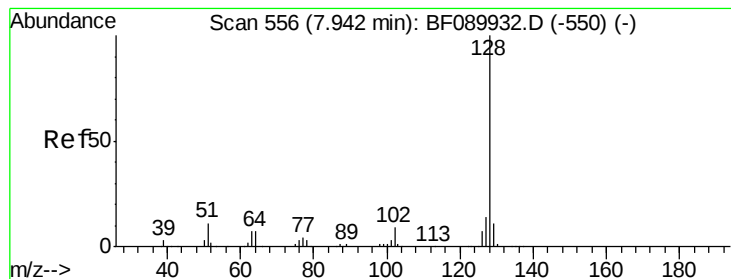
#30
 1,2,4-Trichlorobenzene
 Concen: 38.77 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.2	114.2
145	26.5	22.2	33.4



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: 35.46 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

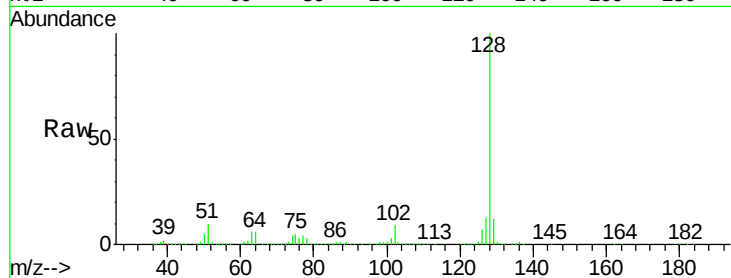
Tgt Ion:128 Resp: 1251481

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

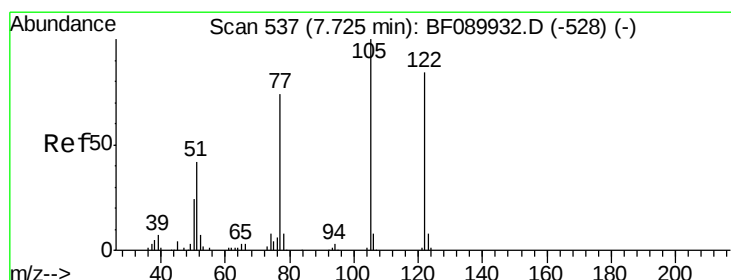
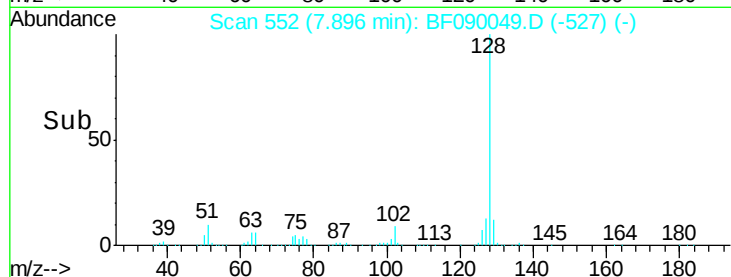
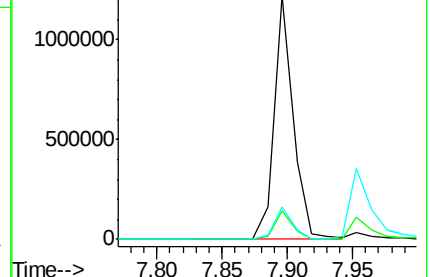
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.02 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

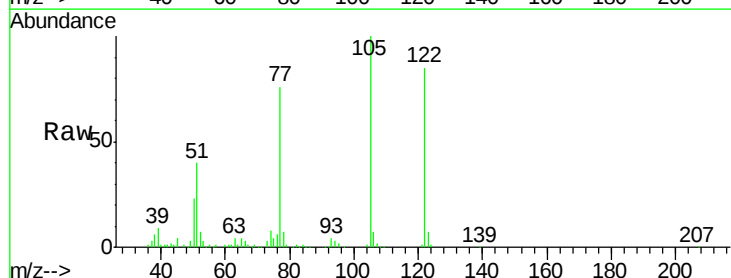
Tgt Ion:122 Resp: 324980

Ion Ratio Lower Upper

122 100

105 117.8 102.2 142.2

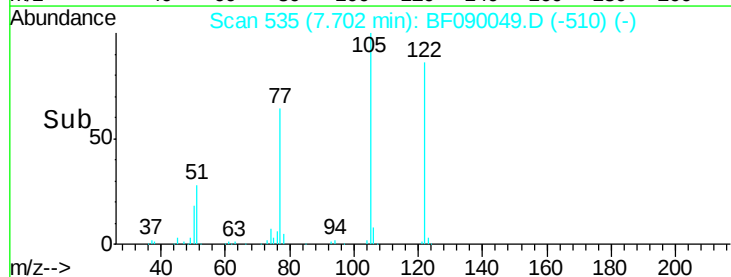
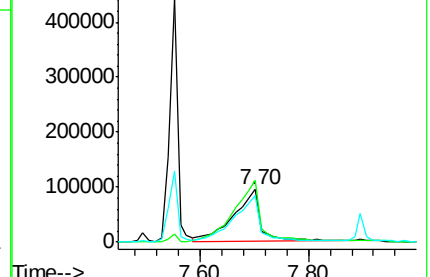
77 89.3 74.1 114.1

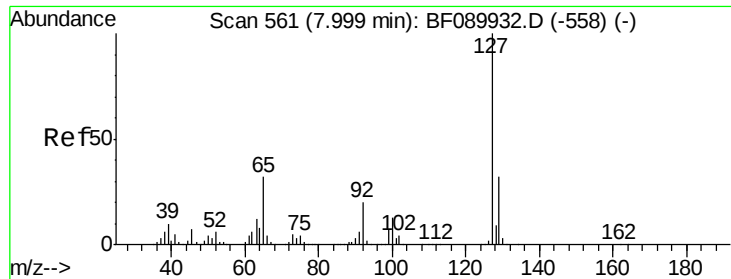


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

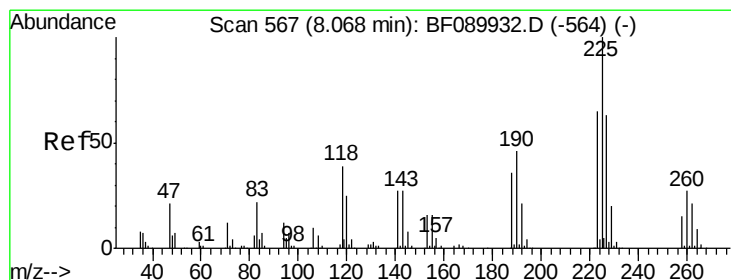
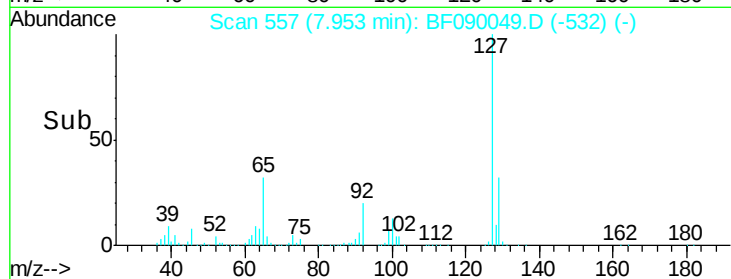
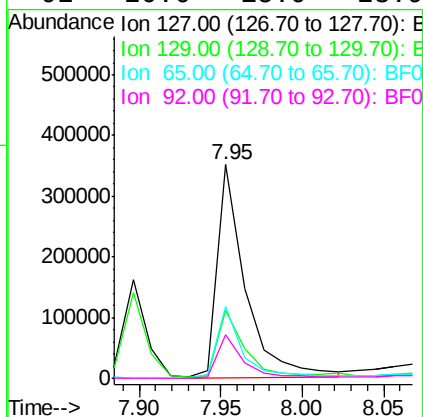
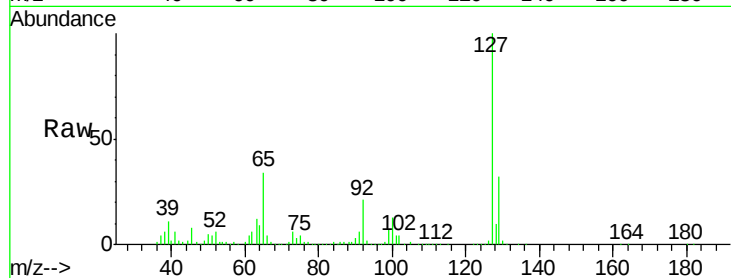




#33
 4-Chloroaniline
 Concen: 29.61 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

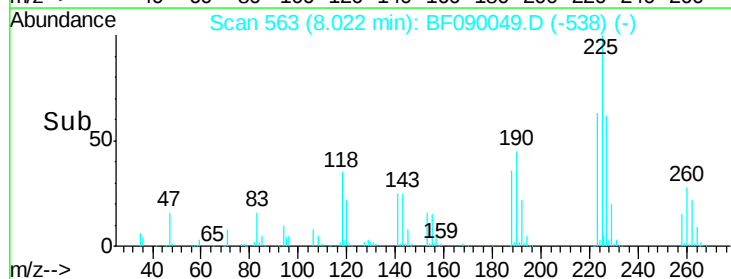
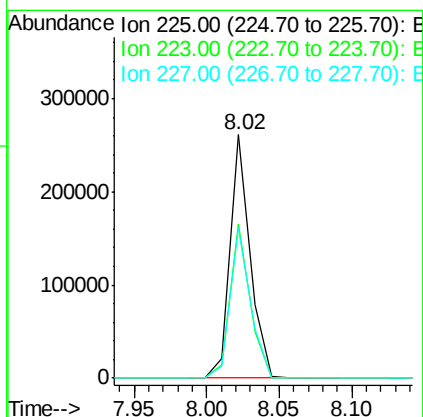
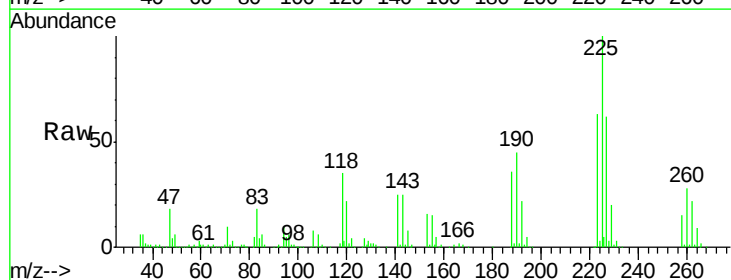
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

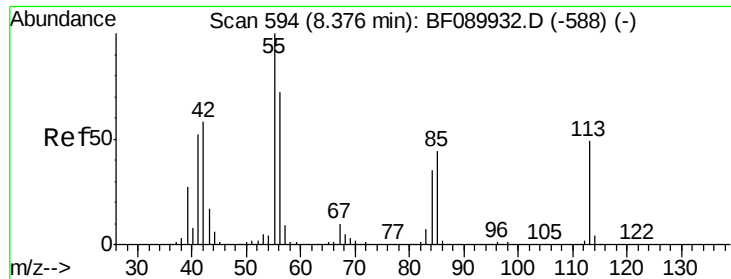
Tgt Ion:	127	Resp:	421570
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	33.5	26.0	39.0
92	20.6	15.9	23.9



#34
 Hexachlorobutadiene
 Concen: 37.70 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion:	225	Resp:	248645
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.6	78.8
227	61.9	50.8	76.2

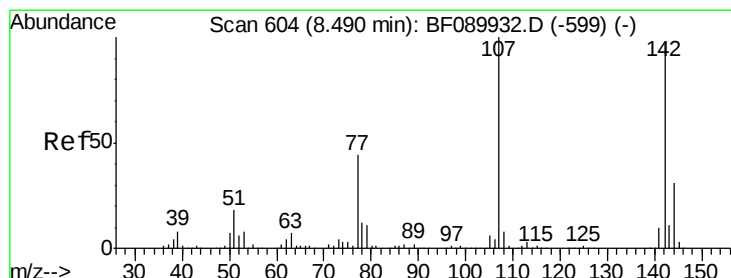
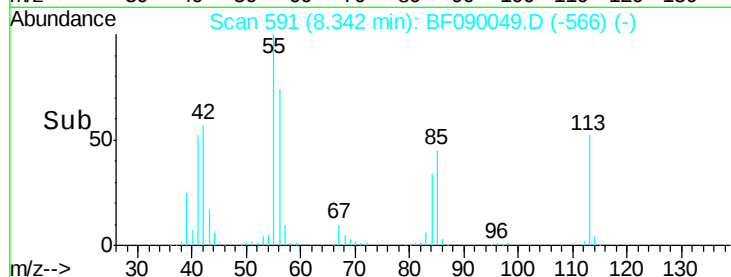
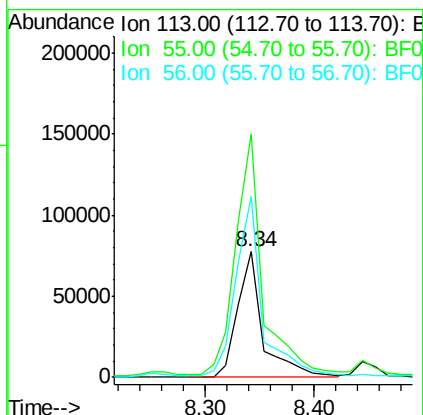
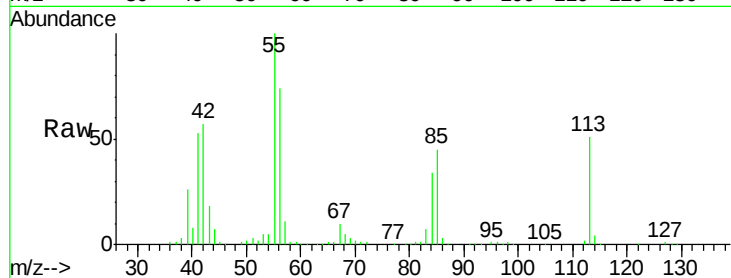




#35
 Caprolactam
 Concen: 38.17 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

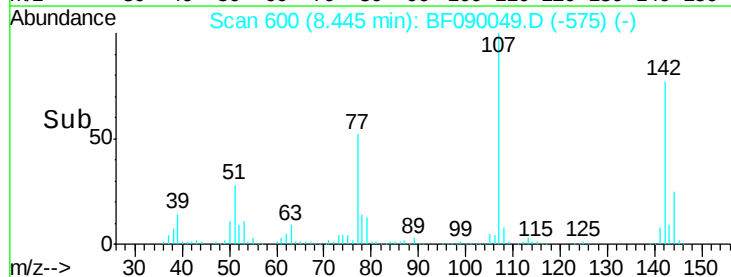
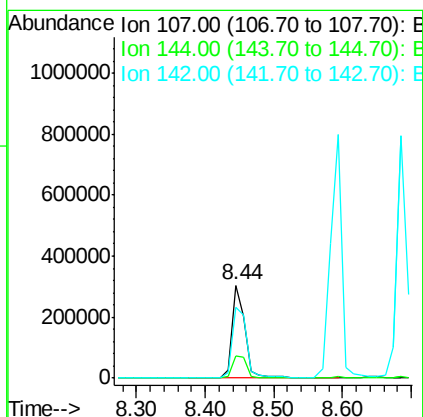
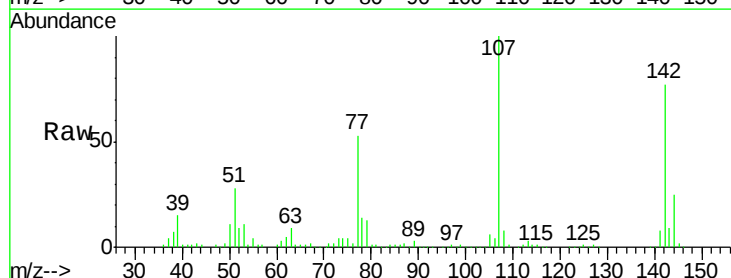
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

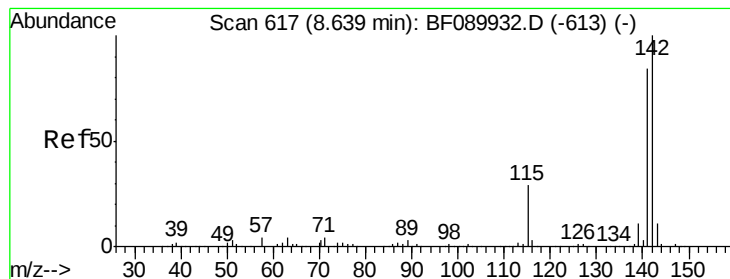
Tgt Ion:113 Resp: 124009
 Ion Ratio Lower Upper
 113 100
 55 194.4 178.5 218.5
 56 144.0 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.59 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion:107 Resp: 409785
 Ion Ratio Lower Upper
 107 100
 144 24.6 25.8 38.8#
 142 77.2 79.2 118.8#





#37

2-Methylnaphthalene

Concen: 39.29 ng

RT: 8.59 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

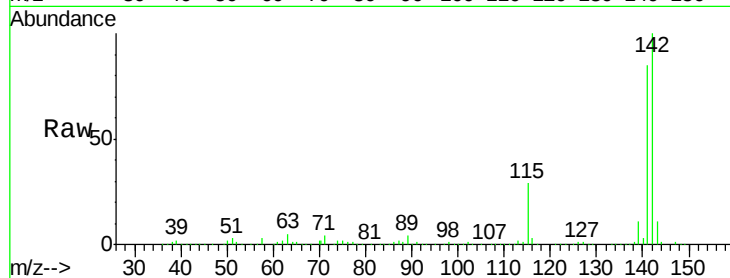
Tgt Ion:142 Resp: 916122

Ion Ratio Lower Upper

142 100

141 85.3 68.3 102.5

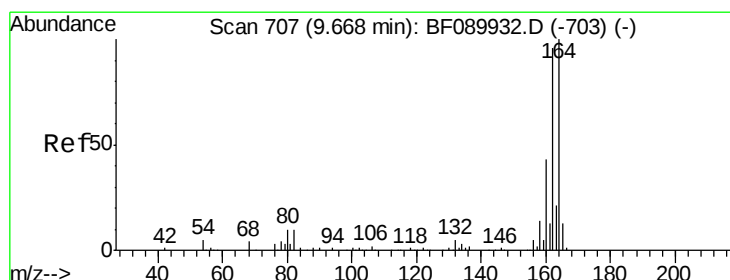
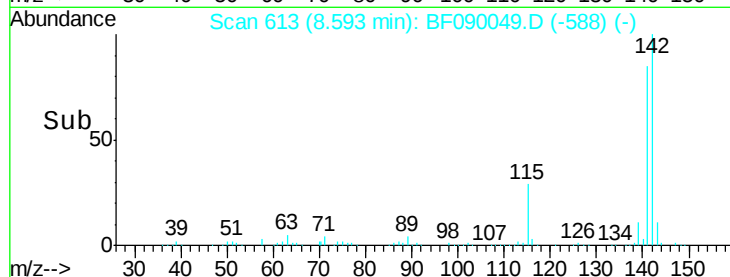
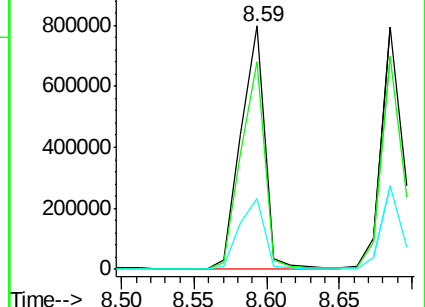
115 29.2 23.8 35.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

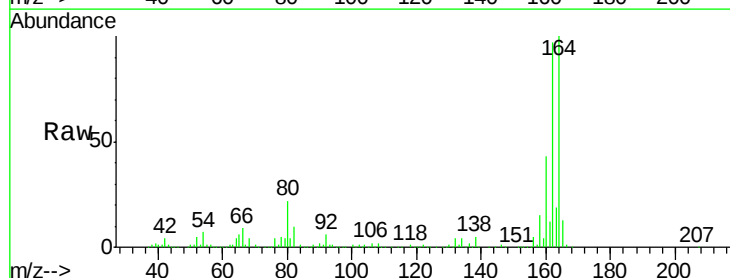
Tgt Ion:164 Resp: 363344

Ion Ratio Lower Upper

164 100

162 96.7 77.1 115.7

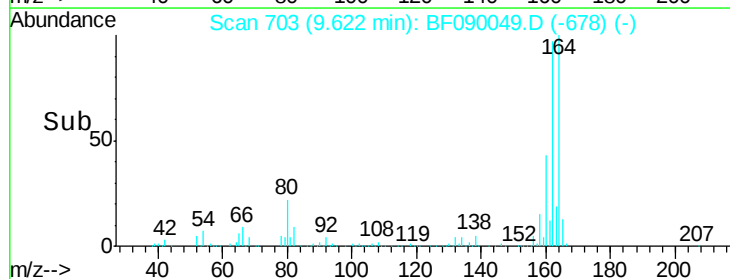
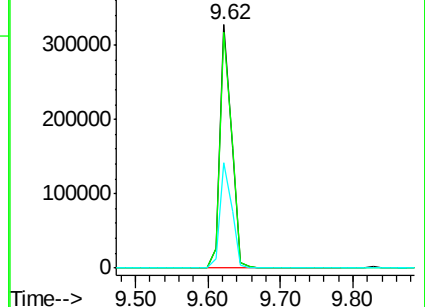
160 43.1 35.3 52.9

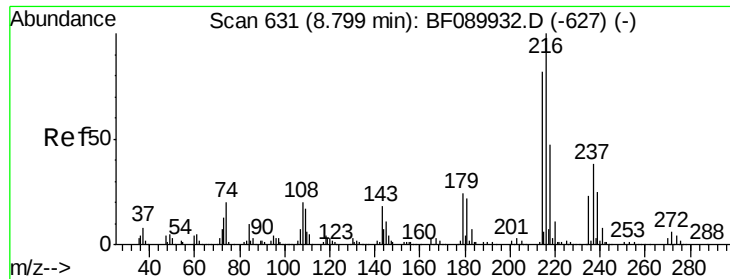


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

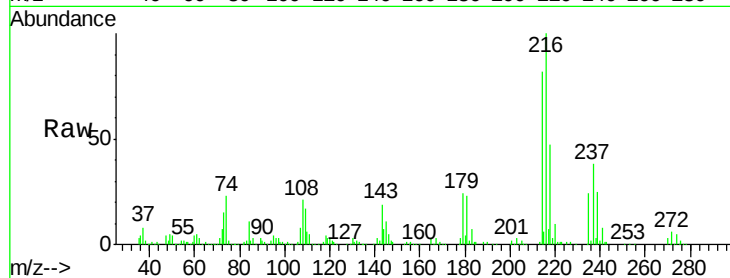




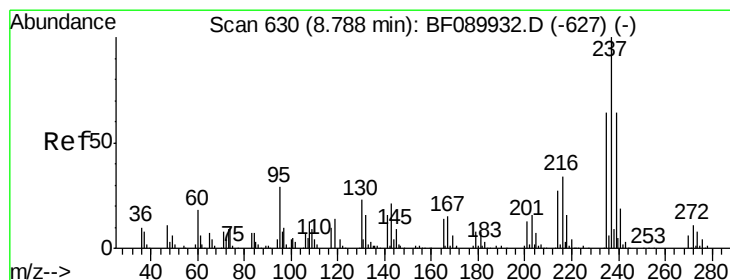
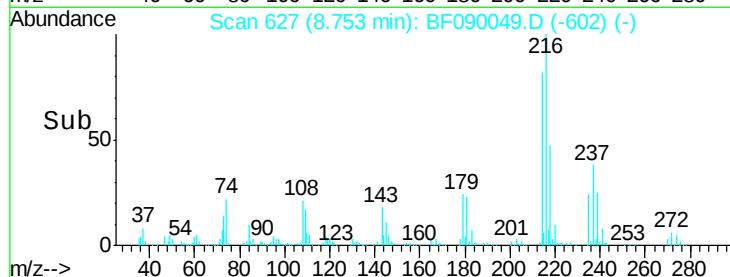
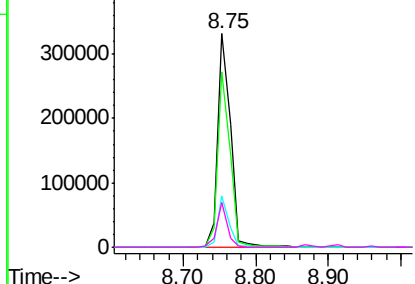
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.96 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	216	Resp:	404030
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	21.0	17.3	25.9
108	17.8	15.5	23.3

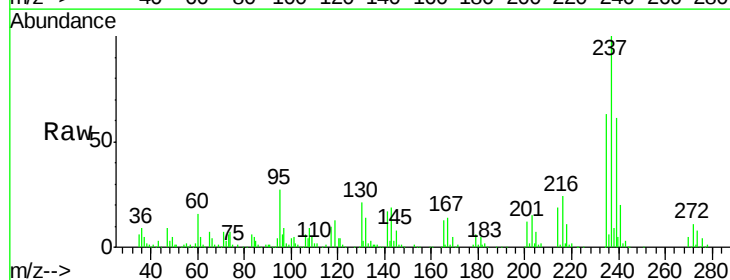


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

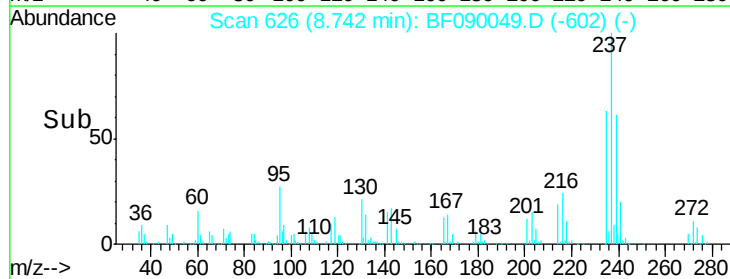
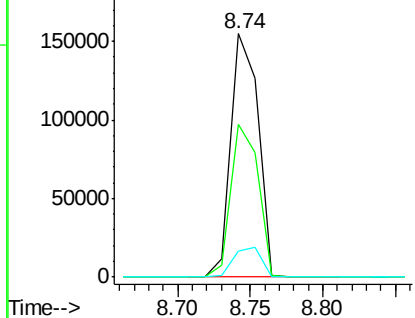


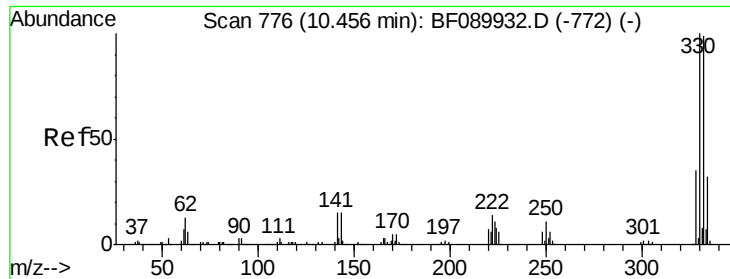
#40
Hexachlorocyclopentadiene
Concen: 37.06 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:	237	Resp:	202287
Ion	Ratio	Lower	Upper
237	100		
235	62.8	39.6	79.6
272	10.8	0.0	34.6



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

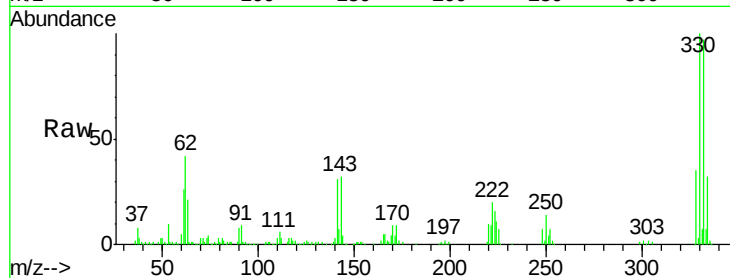




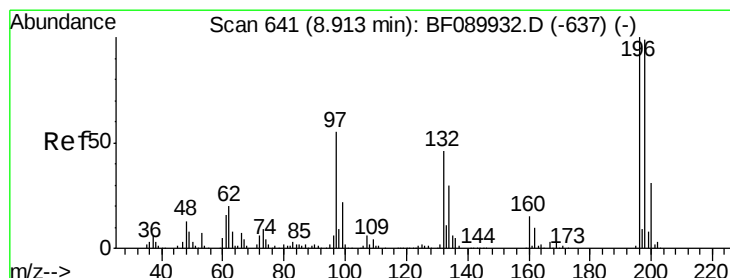
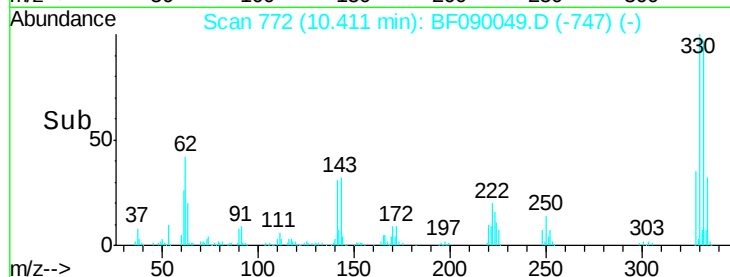
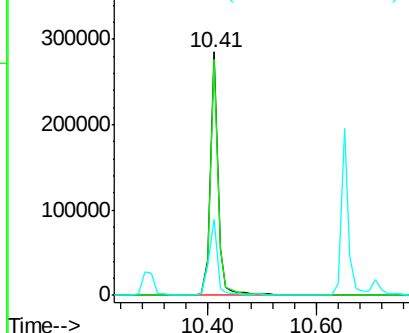
#41
 2,4,6-Tribromophenol
 Concen: 79.97 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 286667
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 33.1 23.3 34.9

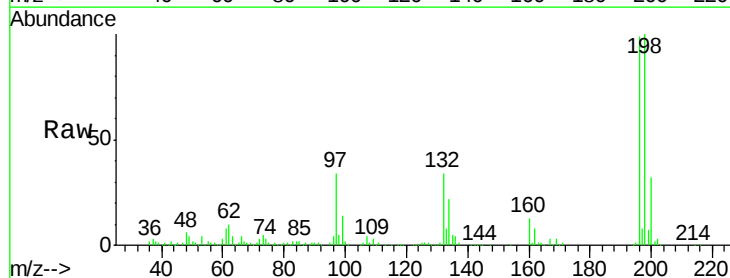


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

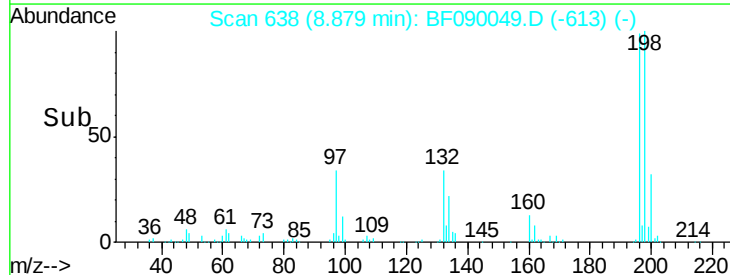
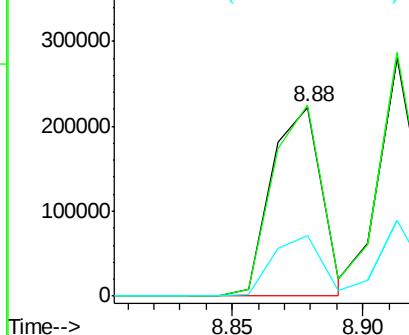


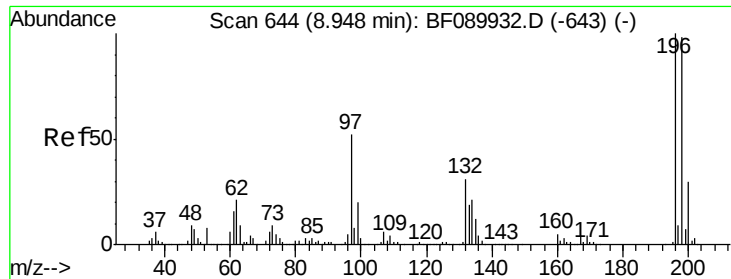
#42
 2,4,6-Trichlorophenol
 Concen: 40.16 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion:196 Resp: 296257
 Ion Ratio Lower Upper
 196 100
 198 101.0 78.3 117.5
 200 32.2 24.8 37.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

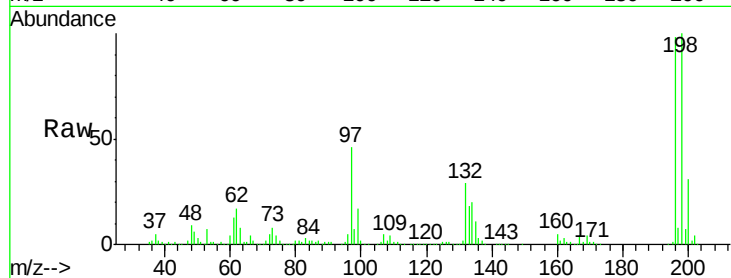




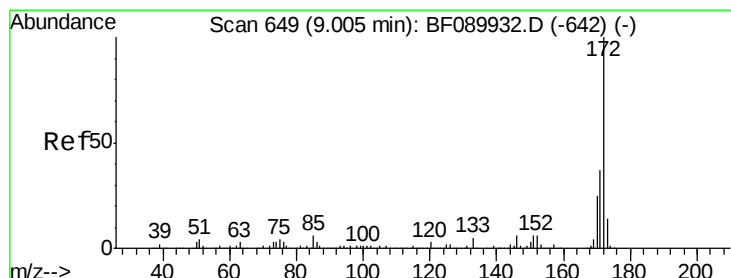
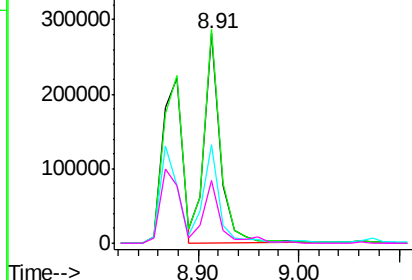
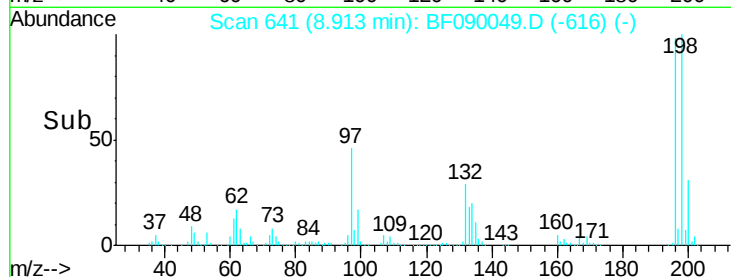
#43
 2,4,5-Trichlorophenol
 Concen: 44.19 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 313442
 Ion Ratio Lower Upper
 196 100
 198 101.8 80.8 121.2
 97 47.3 44.2 66.4
 132 29.9 25.8 38.6

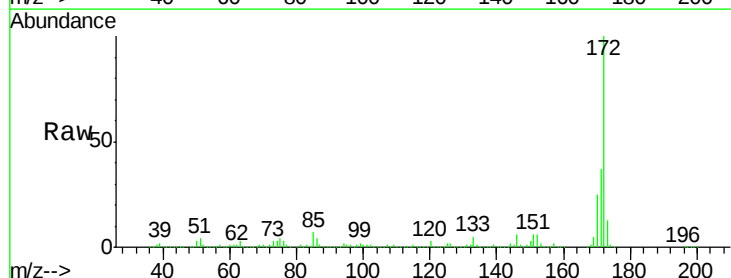


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

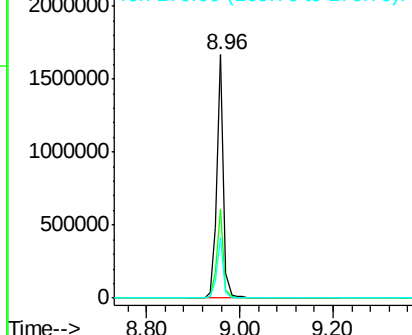
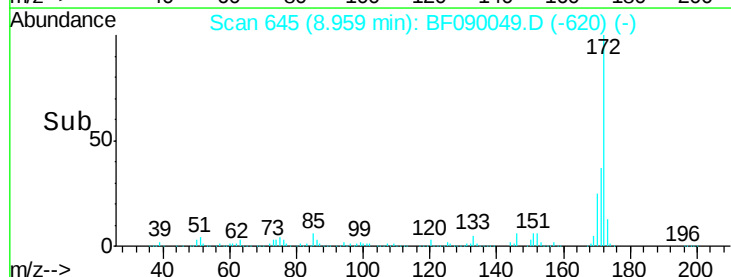


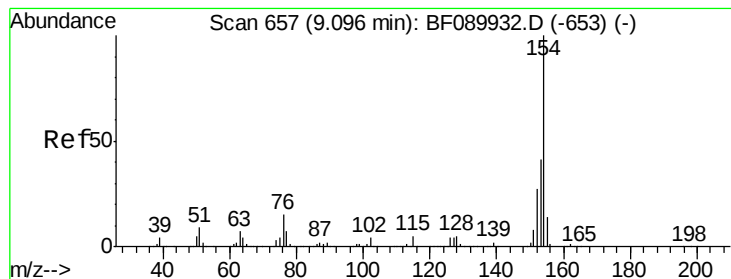
#44
 2-Fluorobiphenyl
 Concen: 75.53 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion:172 Resp: 1671910
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.8 20.1 30.1



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





#45

1,1'-Biphenyl

Concen: 40.64 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

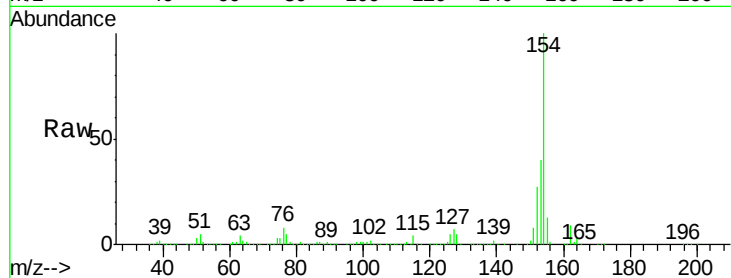
Tgt Ion:154 Resp: 1188813

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

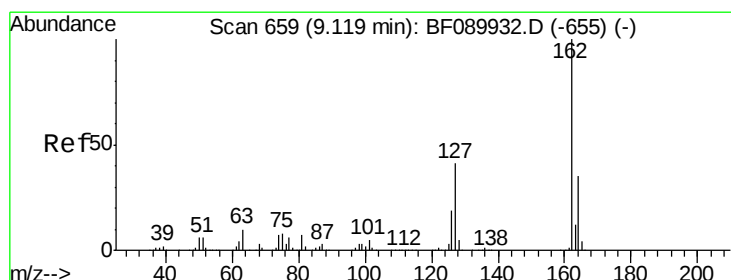
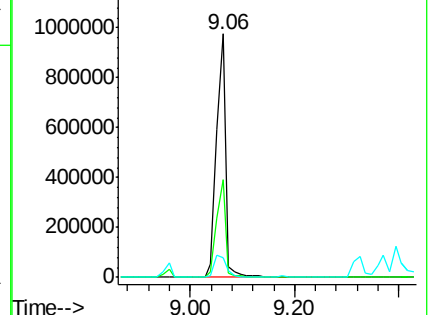
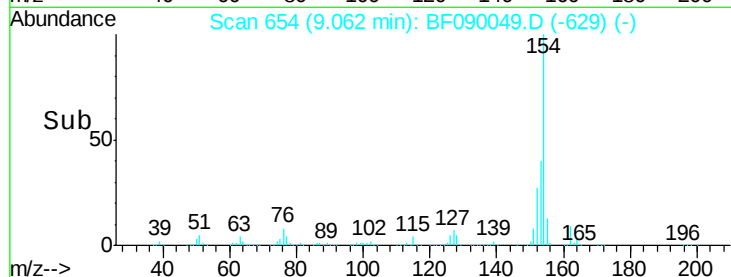
76 8.3 0.0 34.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.01 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

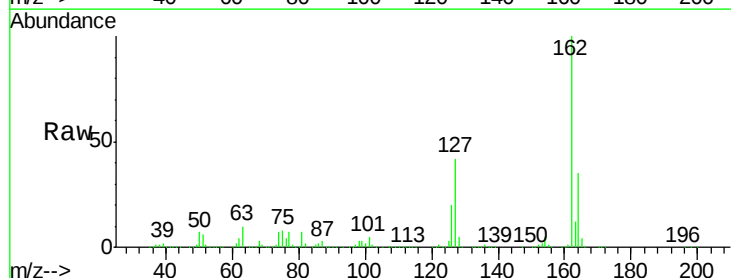
Tgt Ion:162 Resp: 807244

Ion Ratio Lower Upper

162 100

127 42.3 33.5 50.3

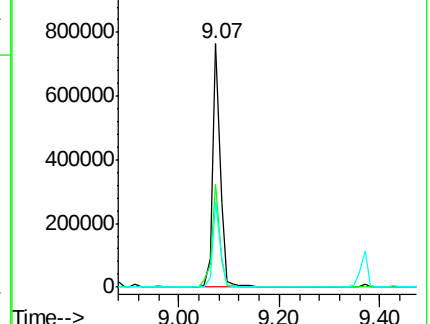
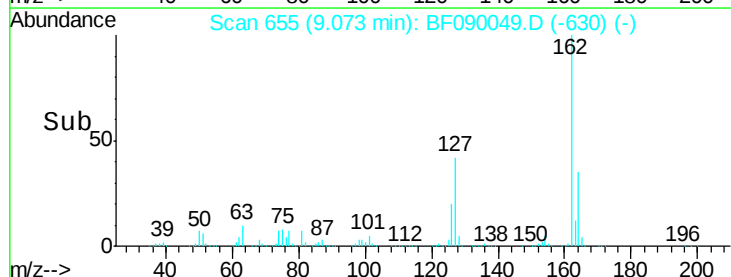
164 35.0 28.2 42.4

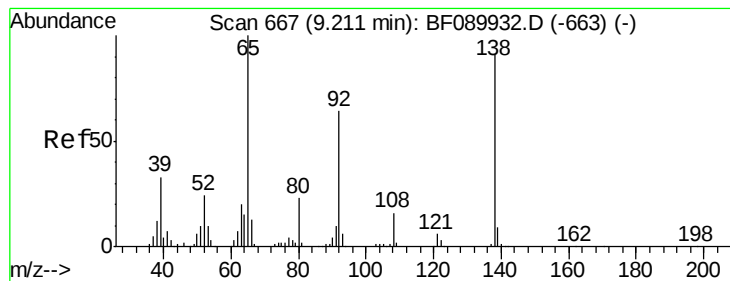


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.44 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

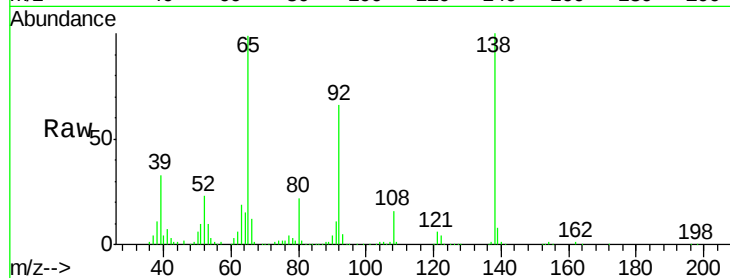
Tgt Ion: 65 Resp: 266786

Ion Ratio Lower Upper

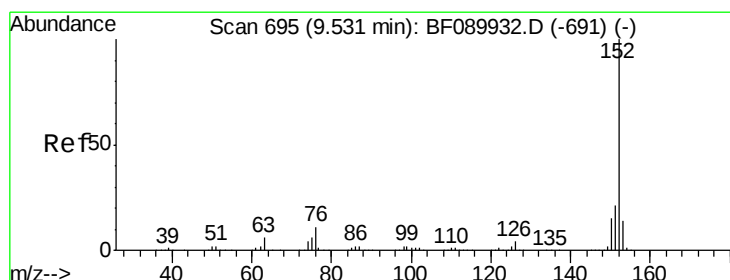
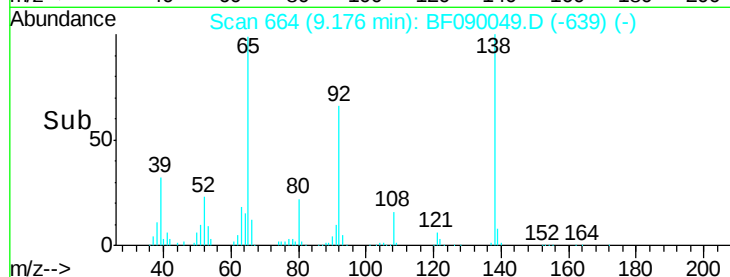
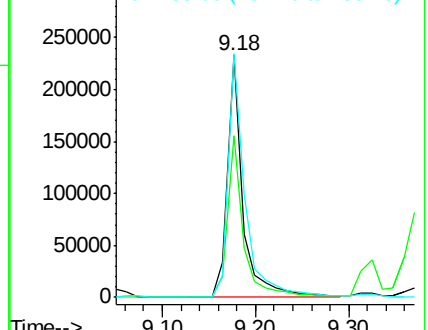
65 100

92 66.6 52.0 78.0

138 100.7 72.1 108.1



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



#48

Acenaphthylene

Concen: 37.78 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

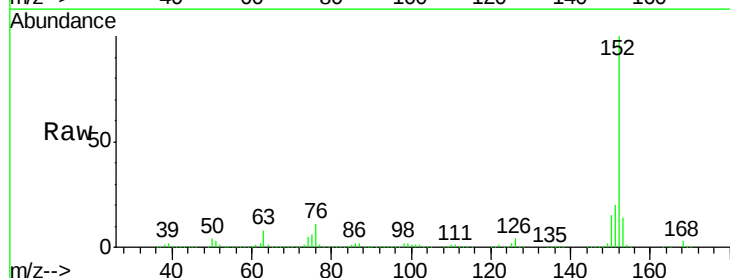
Tgt Ion: 152 Resp: 1292616

Ion Ratio Lower Upper

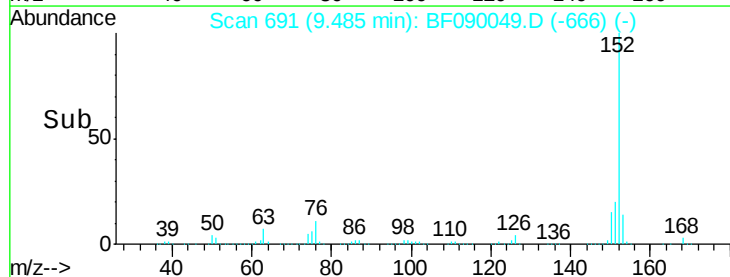
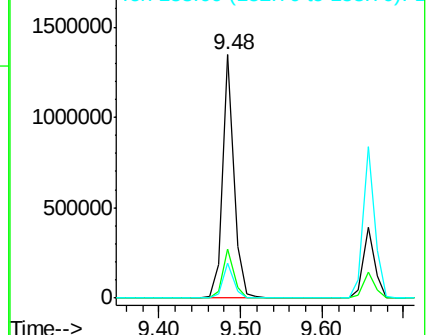
152 100

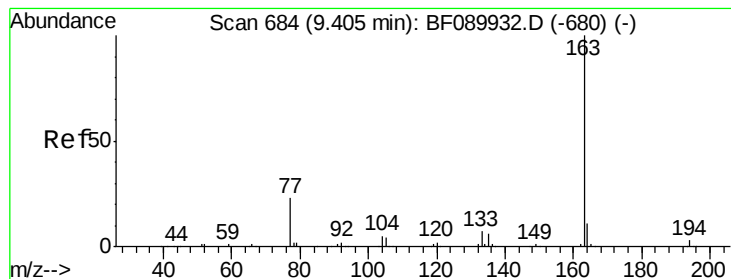
151 20.3 16.7 25.1

153 14.2 11.6 17.4



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





#49

Dimethylphthalate

Concen: 40.34 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

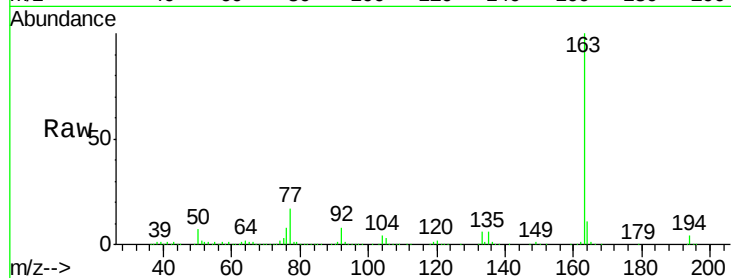
Tgt Ion:163 Resp: 1059333

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

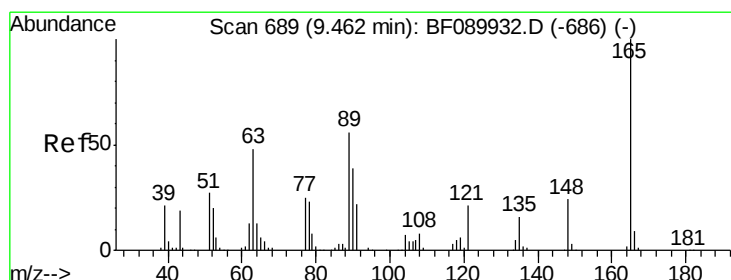
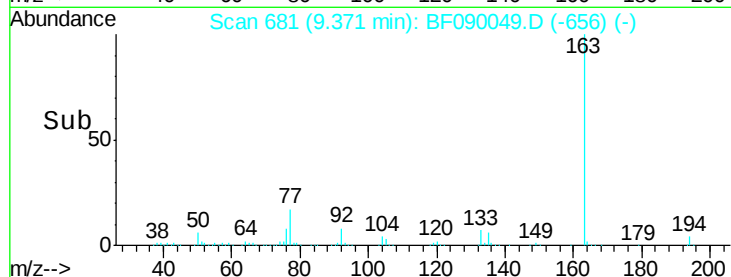
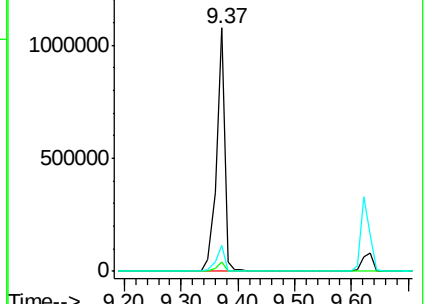
164 10.7 9.0 13.4



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: 44.37 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

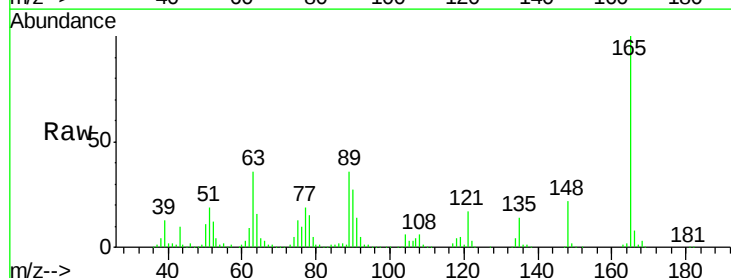
Tgt Ion:165 Resp: 259158

Ion Ratio Lower Upper

165 100

63 35.8 45.0 67.4#

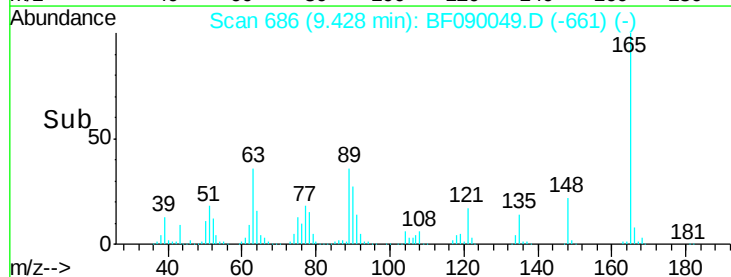
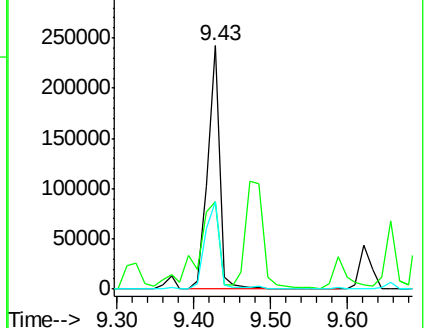
89 35.9 41.5 62.3#

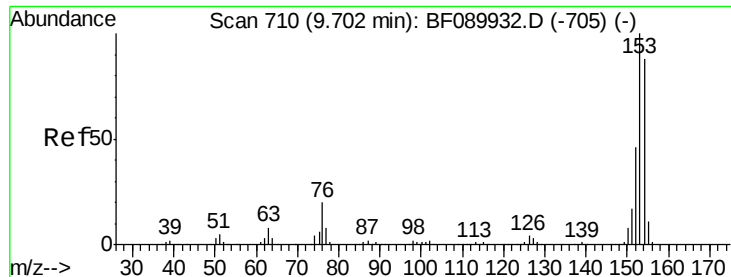


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.21 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

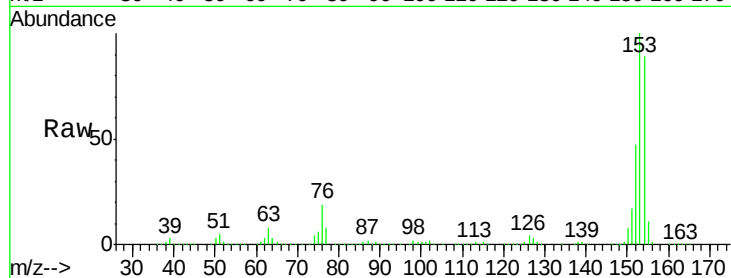
Tgt Ion:154 Resp: 828436

Ion Ratio Lower Upper

154 100

153 111.7 90.6 135.8

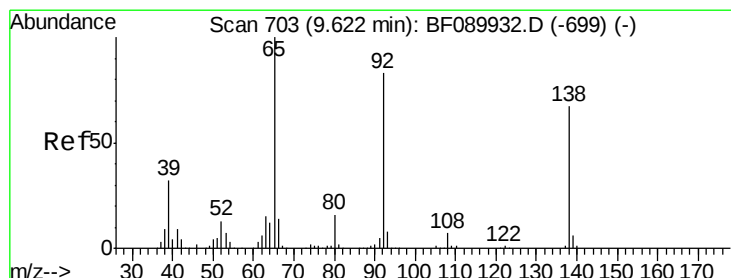
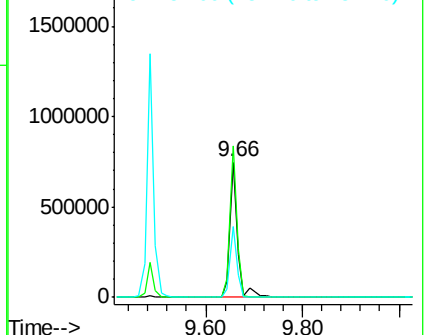
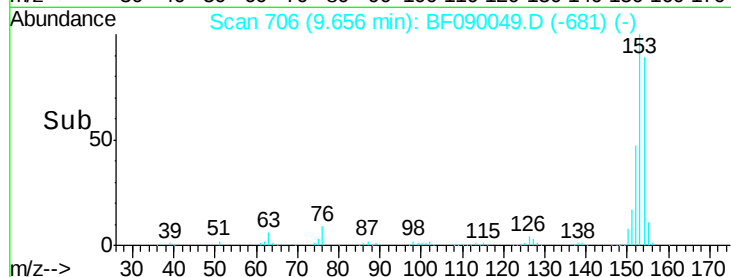
152 52.1 42.4 63.6



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: 35.06 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

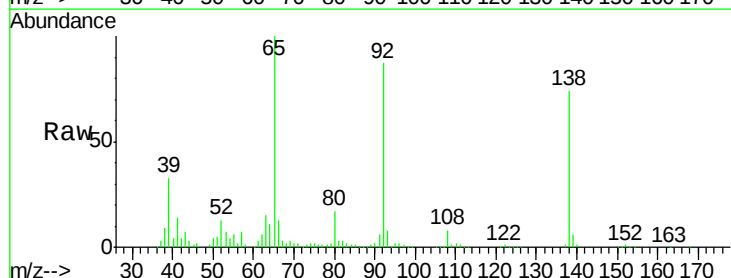
Tgt Ion:138 Resp: 233541

Ion Ratio Lower Upper

138 100

108 10.5 8.3 12.5

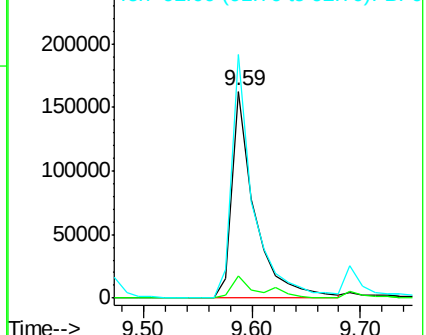
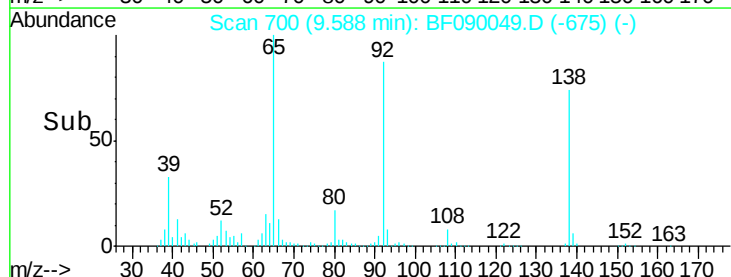
92 117.9 99.1 148.7

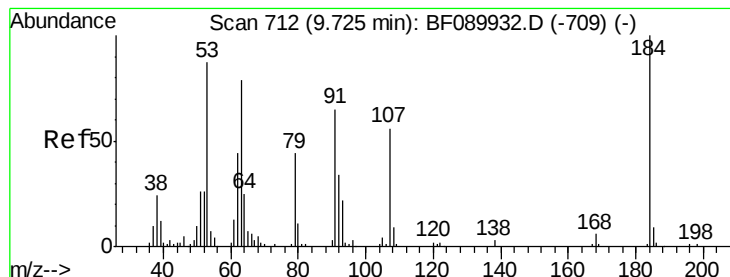


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 40.07 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

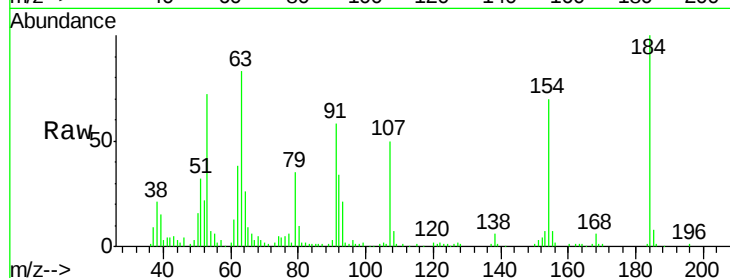
Tgt Ion:184 Resp: 115535

Ion Ratio Lower Upper

184 100

63 82.5 73.9 110.9

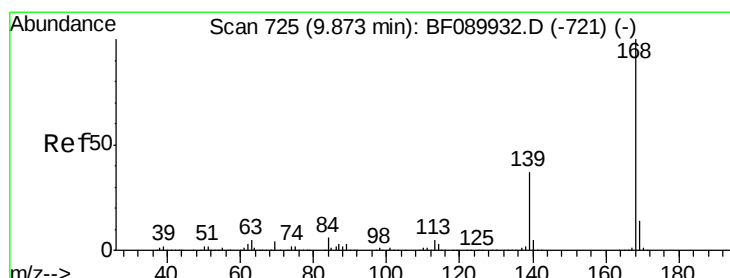
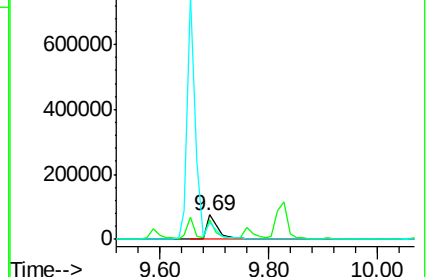
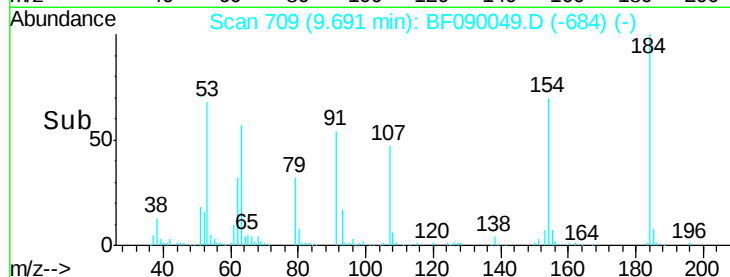
154 70.4 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.47 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

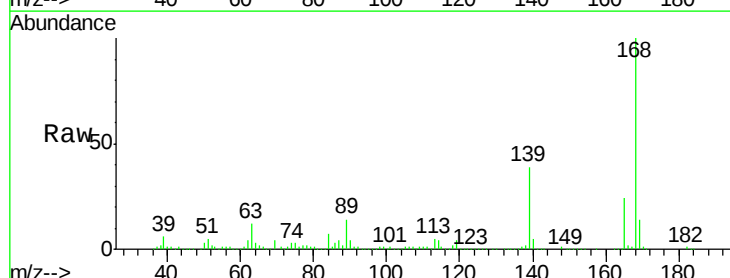
Tgt Ion:168 Resp: 1059709

Ion Ratio Lower Upper

168 100

139 38.6 29.5 44.3

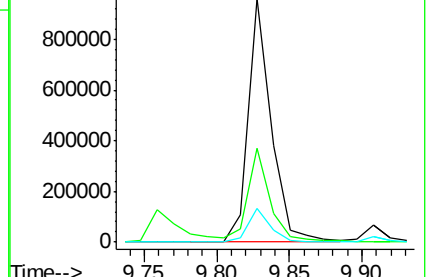
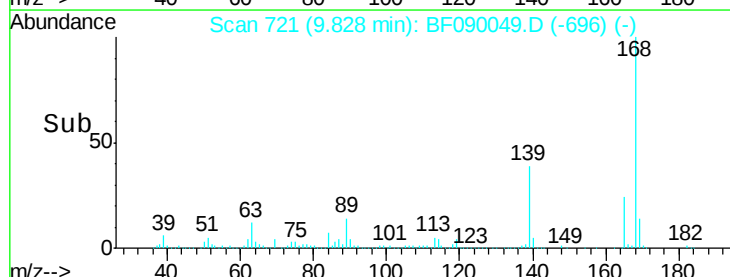
169 13.9 10.8 16.2

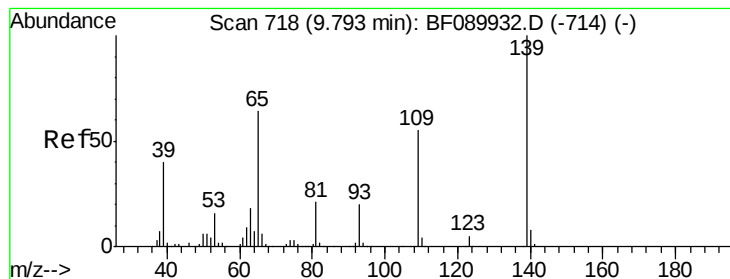


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 37.95 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

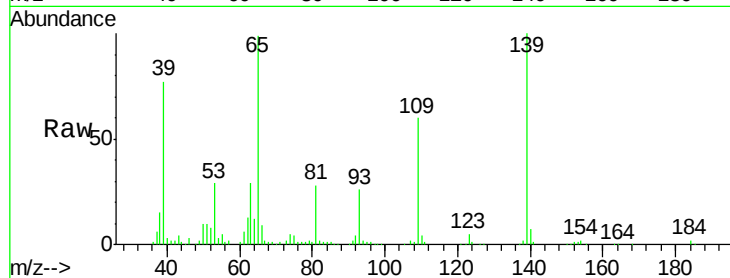
Tgt Ion:139 Resp: 190685

Ion Ratio Lower Upper

139 100

109 60.3 31.3 71.3

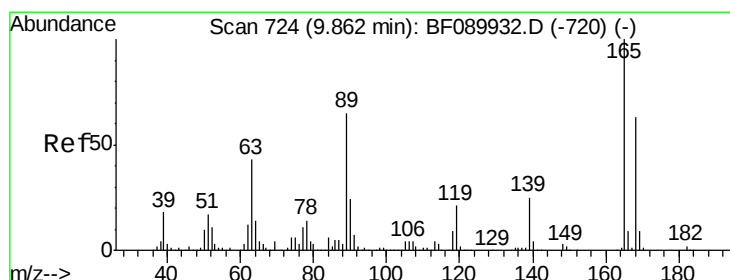
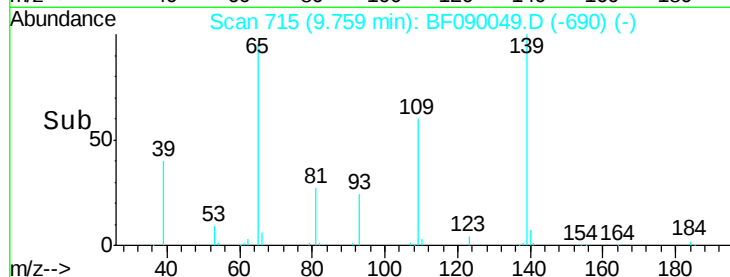
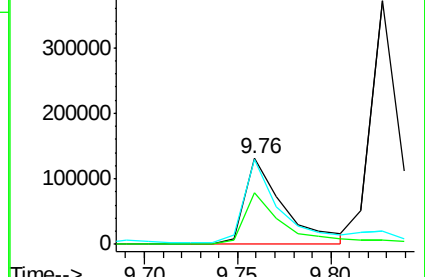
65 99.0 38.5 78.5#



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: 40.81 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Tgt Ion:165 Resp: 302295

Ion Ratio Lower Upper

165 100

63 49.1 32.5 48.7#

89 56.1 48.3 72.5

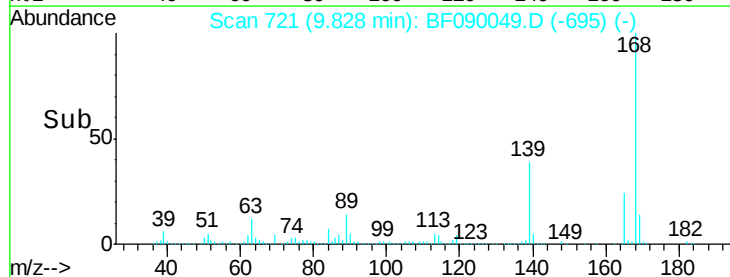
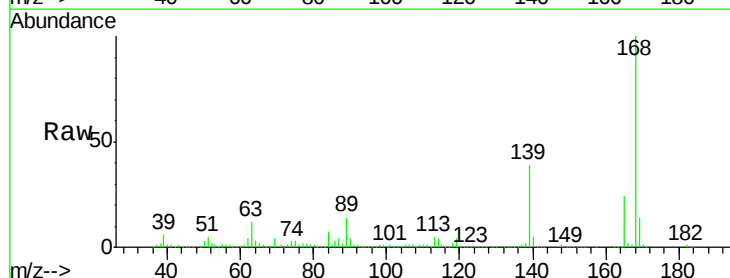
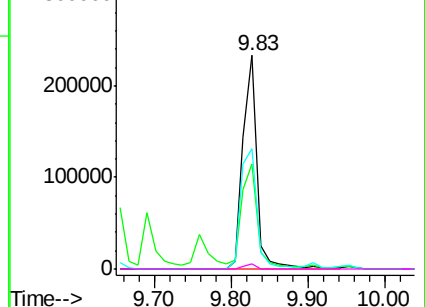
182 2.3 1.7 2.5

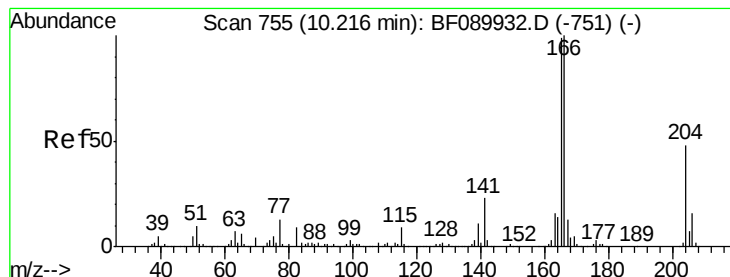
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.74 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

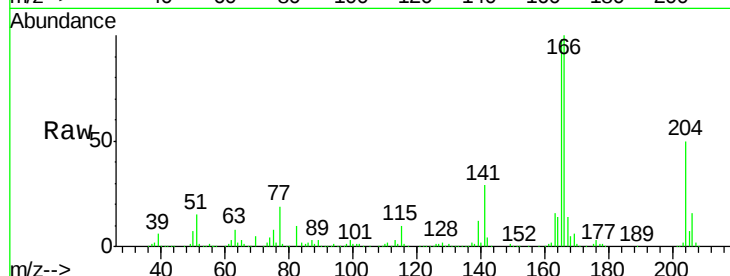
Tgt Ion:166 Resp: 864949

Ion Ratio Lower Upper

166 100

165 98.4 78.6 118.0

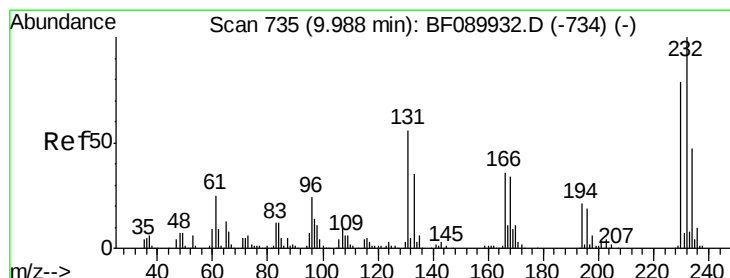
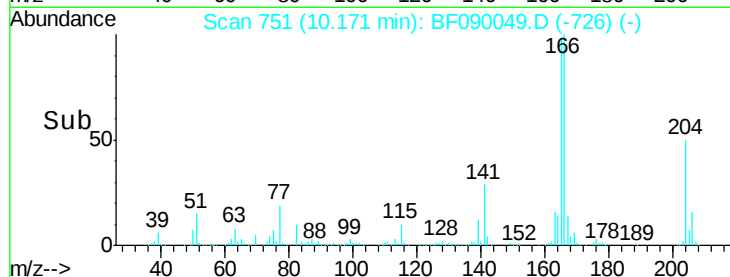
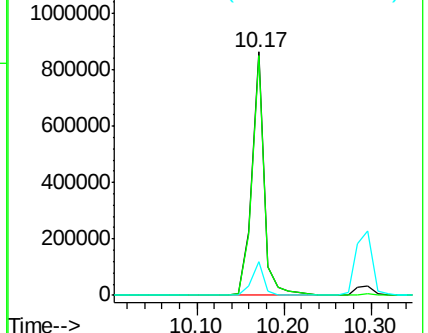
167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.72 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Tgt Ion:232 Resp: 265491

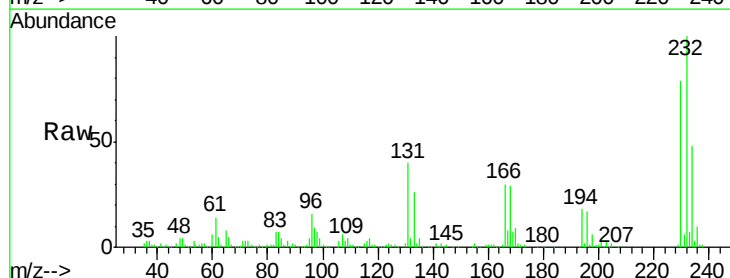
Ion Ratio Lower Upper

232 100

131 42.1 36.3 54.5

130 2.0 1.7 2.5

166 28.6 24.4 36.6

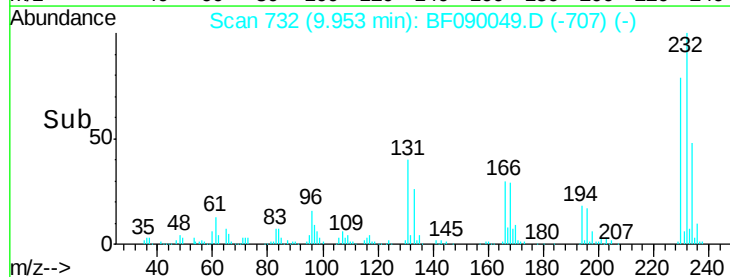
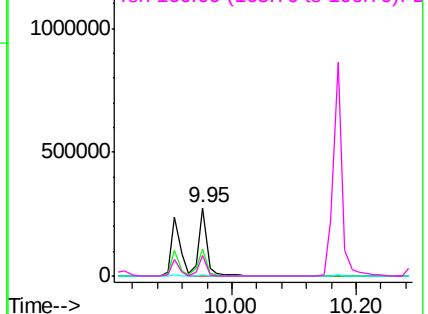


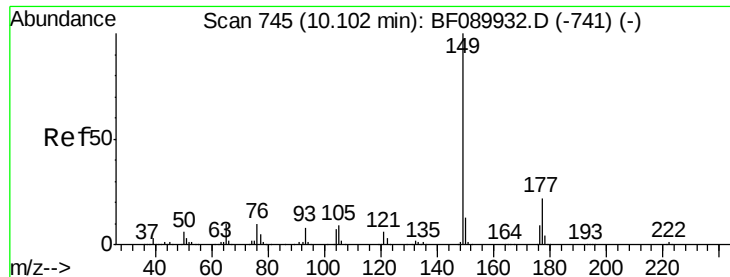
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

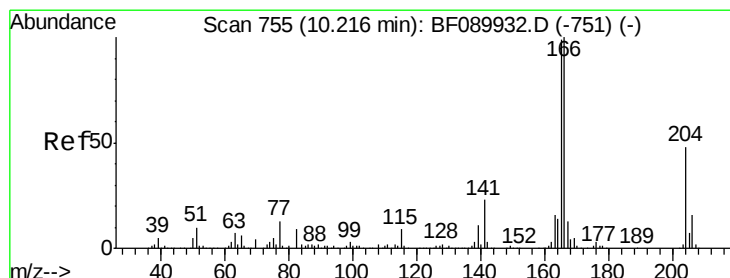
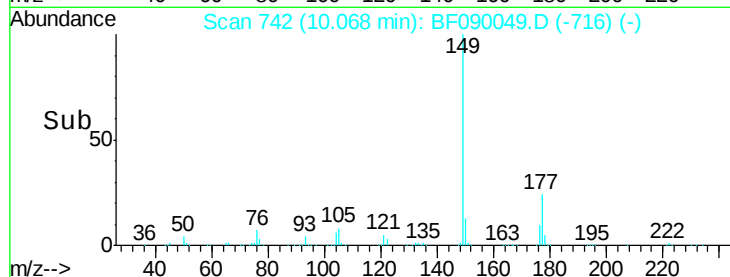
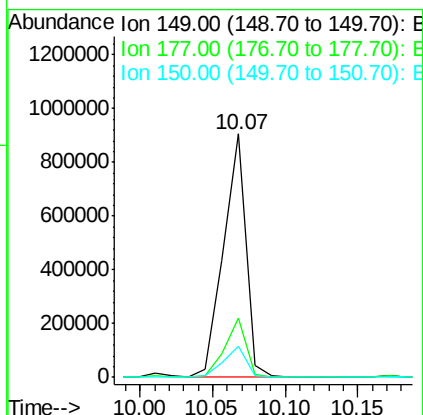
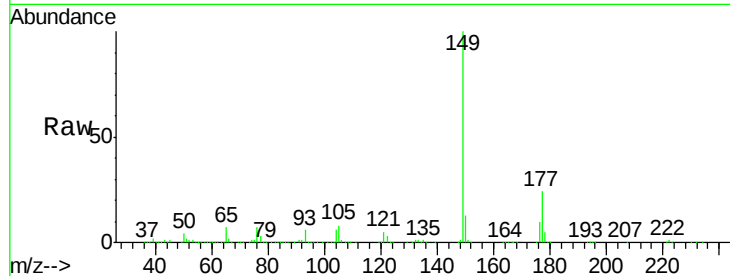




#59
Diethylphthalate
Concen: 39.49 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

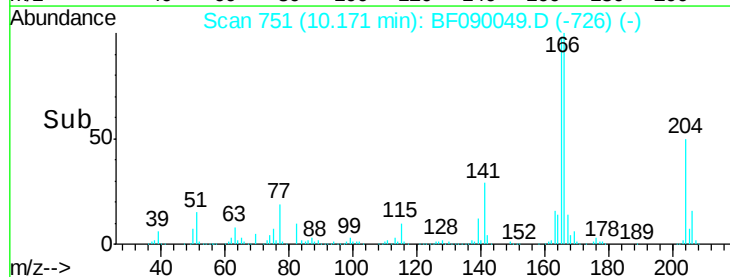
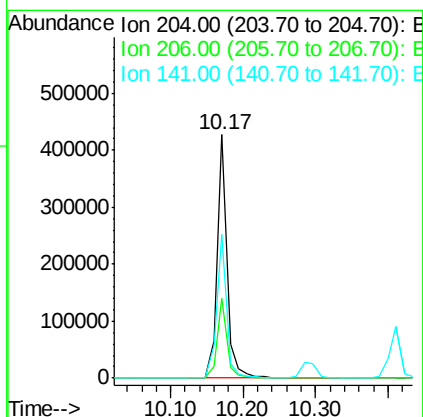
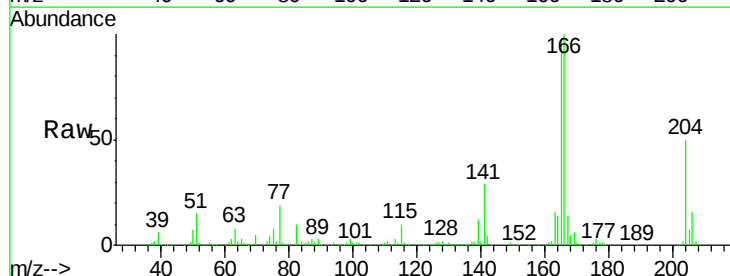
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

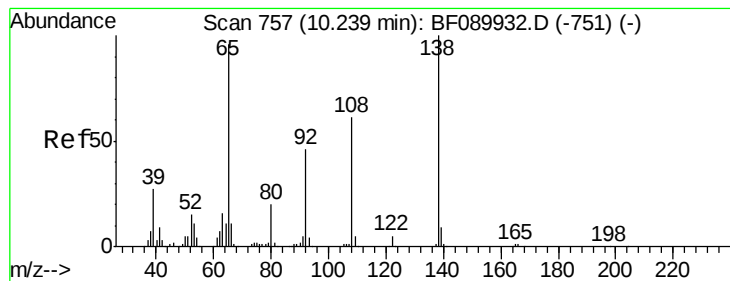
Tgt Ion:149 Resp: 975747
Ion Ratio Lower Upper
149 100
177 24.1 17.7 26.5
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.44 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:204 Resp: 404028
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 58.8 36.5 54.7#





#61

4-Nitroaniline

Concen: 40.96 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

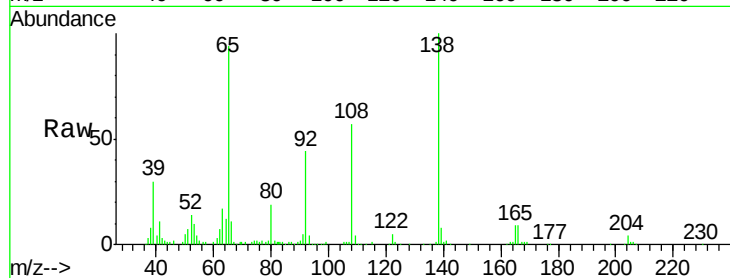
Tgt Ion:138 Resp: 268095

Ion Ratio Lower Upper

138 100

92 44.0 21.2 61.2

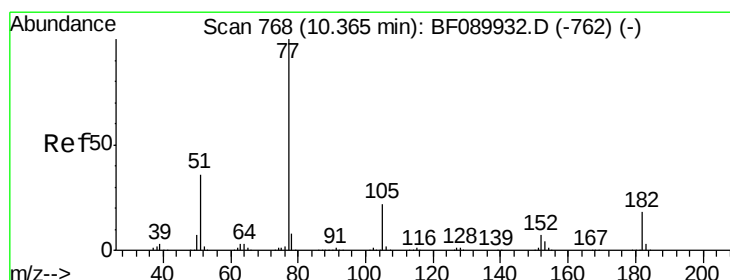
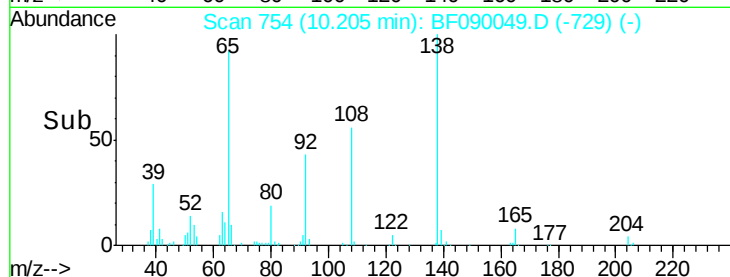
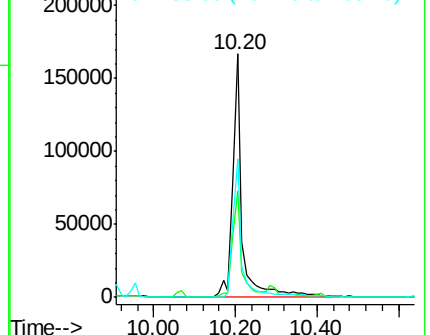
108 56.9 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.88 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Tgt Ion: 77 Resp: 934672

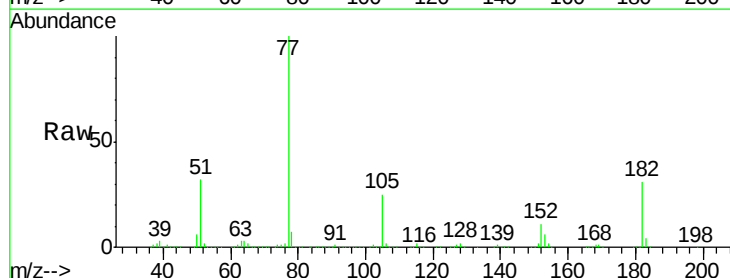
Ion Ratio Lower Upper

77 100

182 31.0 0.0 38.6

105 25.5 2.3 42.3

51 31.6 15.1 55.1

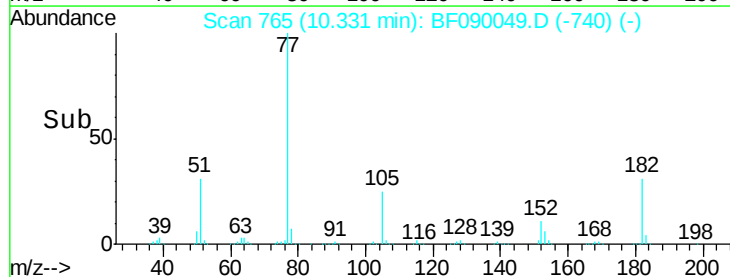
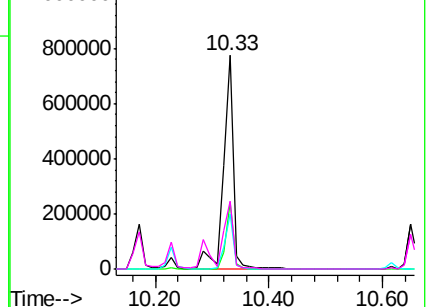


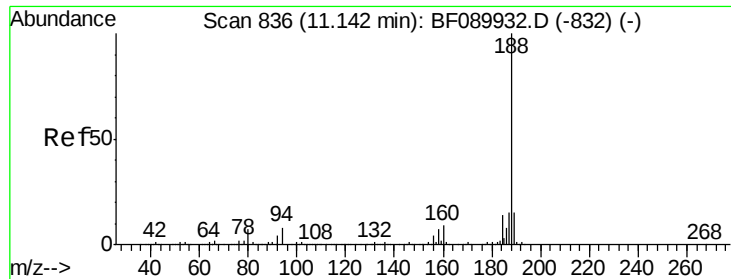
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

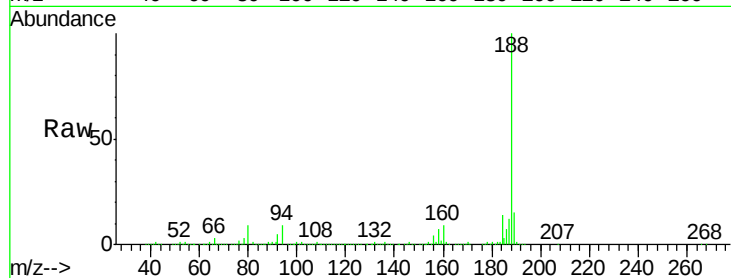




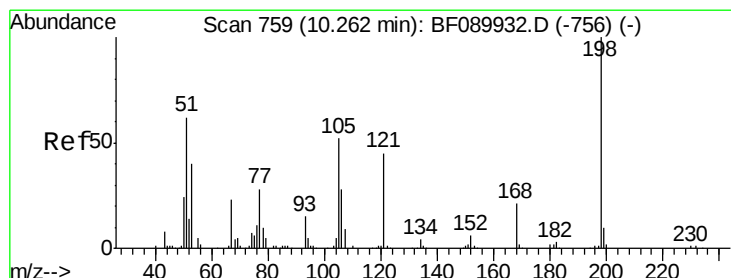
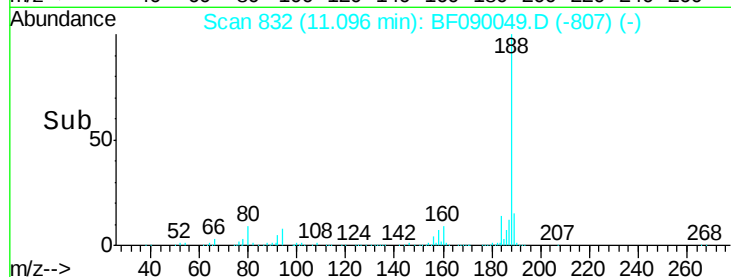
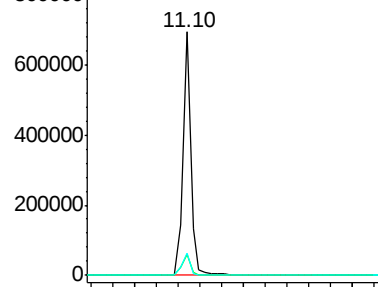
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 705720
Ion Ratio Lower Upper
188 100
94 8.7 5.9 8.9
80 9.1 5.8 8.8#

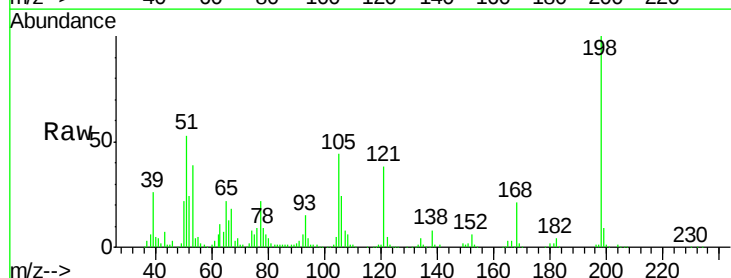


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

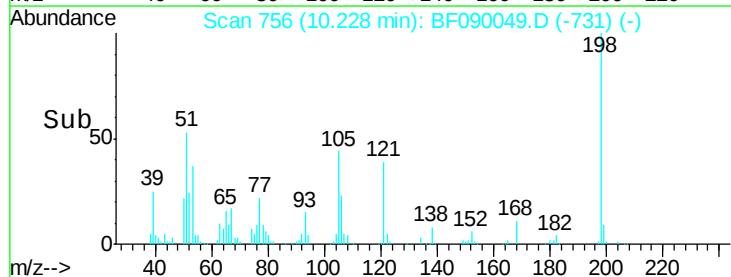
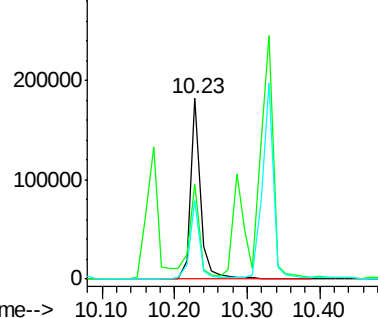


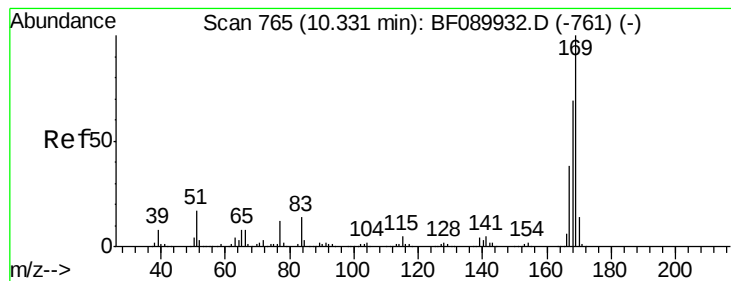
#64
4,6-Dinitro-2-methylphenol
Concen: 38.92 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion:198 Resp: 175859
Ion Ratio Lower Upper
198 100
51 52.9 43.0 83.0
105 43.7 30.3 70.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.23 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

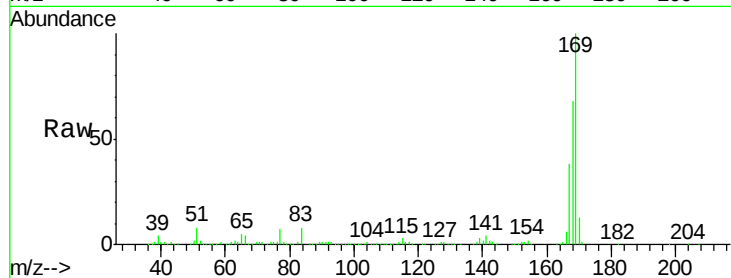
Tgt Ion:169 Resp: 832367

Ion Ratio Lower Upper

169 100

168 67.7 55.0 82.4

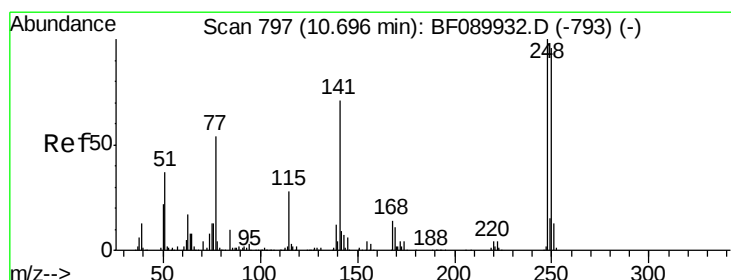
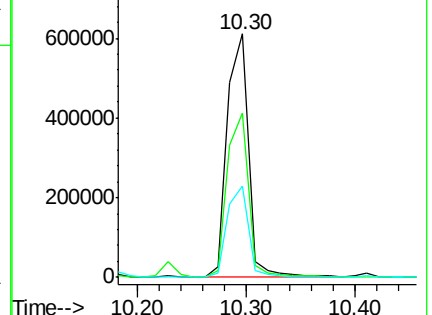
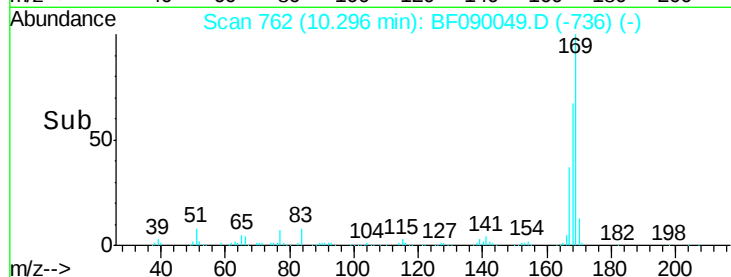
167 37.5 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.22 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

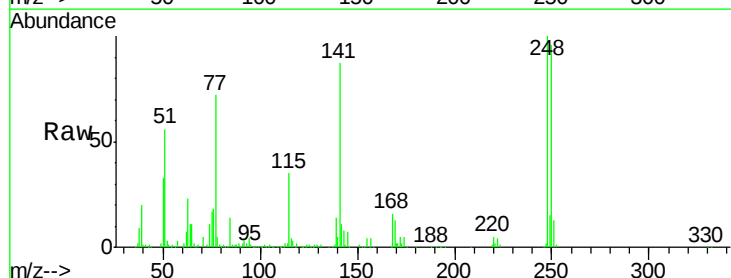
Tgt Ion:248 Resp: 278622

Ion Ratio Lower Upper

248 100

250 95.9 77.3 115.9

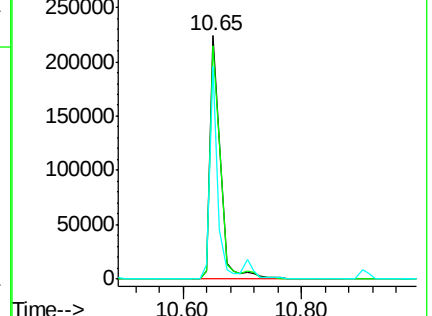
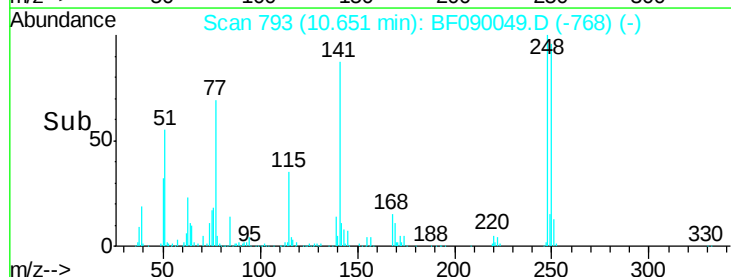
141 87.3 55.8 83.8#

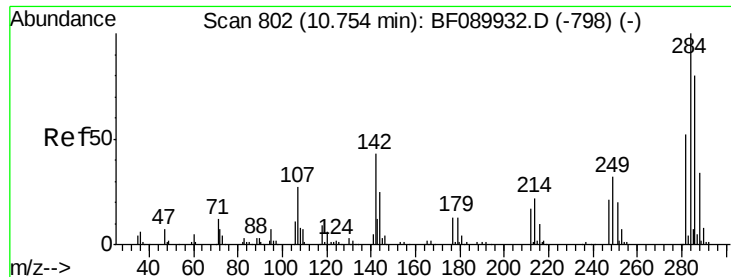


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

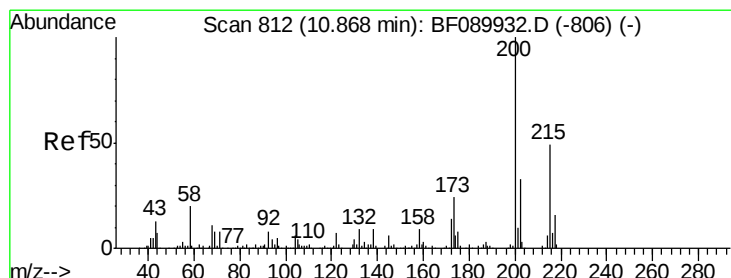
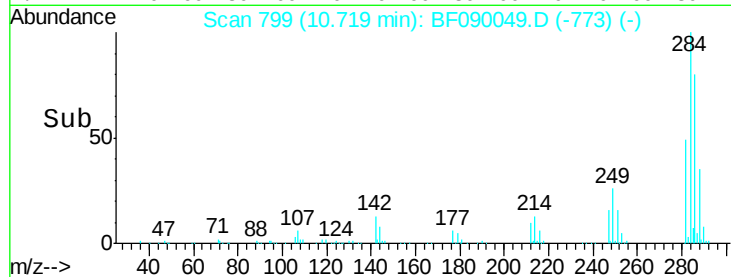
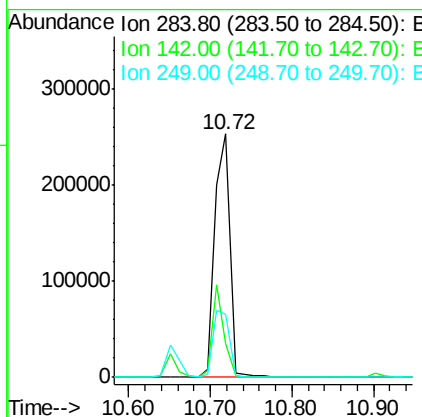
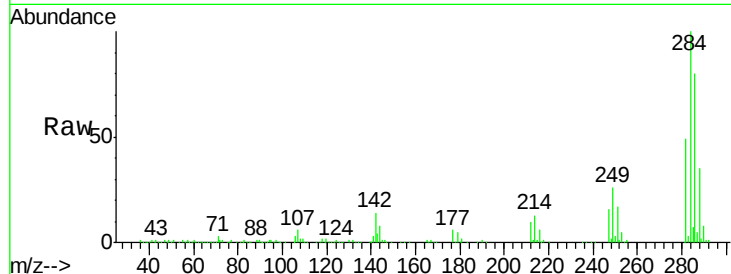




#67
 Hexachlorobenzene
 Concen: 40.22 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

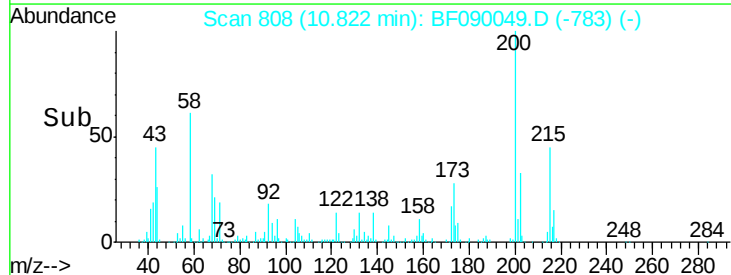
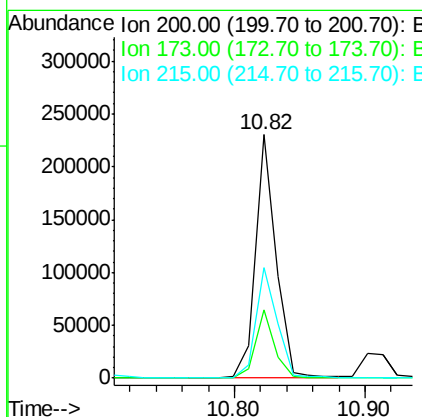
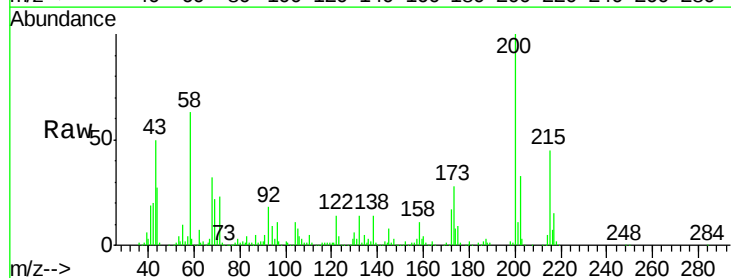
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

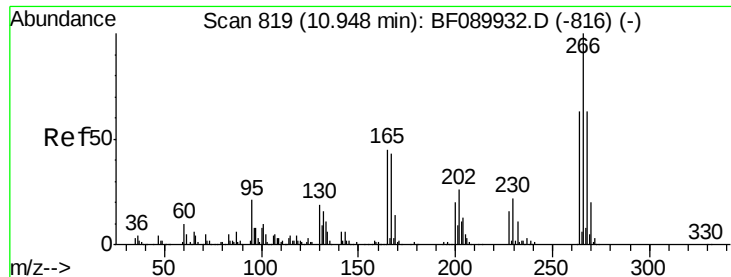
Tgt Ion	Ratio	Lower	Upper
284	100		
142	13.8	32.7	49.1#
249	26.0	26.9	40.3#



#68
 Atrazine
 Concen: 35.82 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	9.4	49.4
215	45.3	24.5	64.5

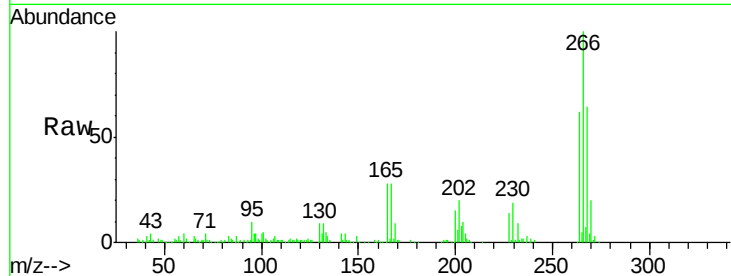




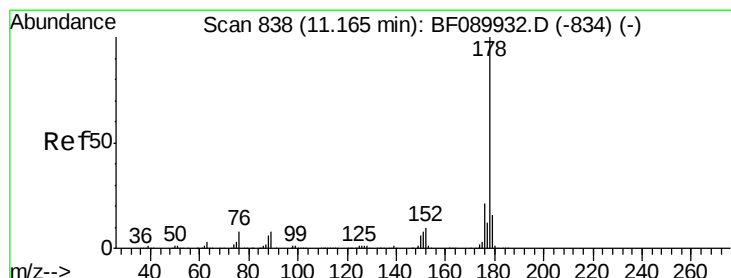
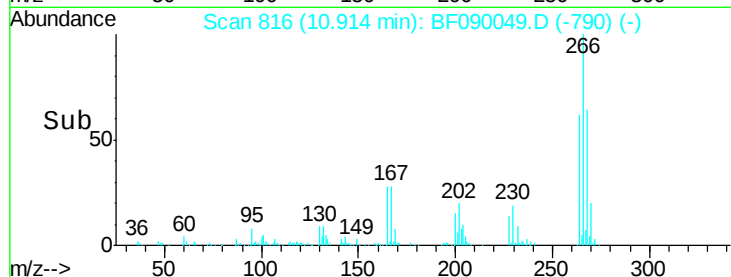
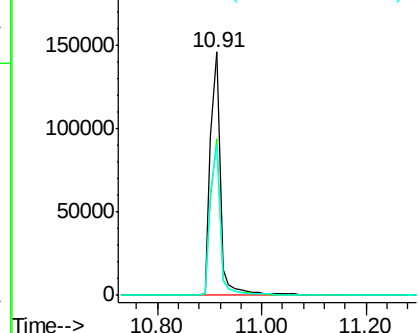
#69
 Pentachlorophenol
 Concen: 44.82 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion: 266 Resp: 195675
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 61.9 50.6 75.8

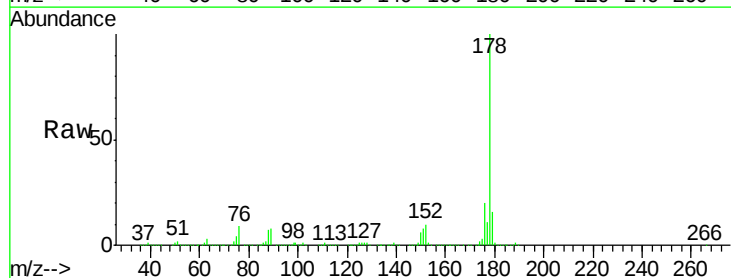


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

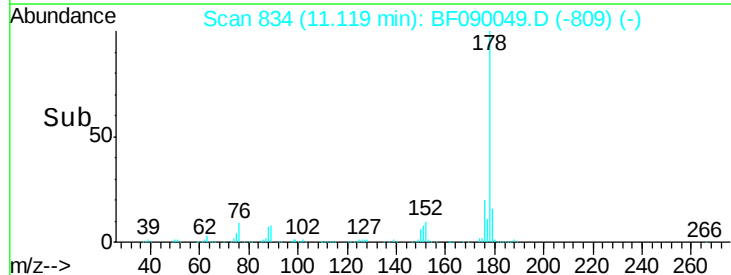
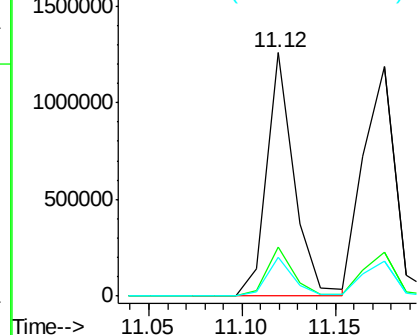


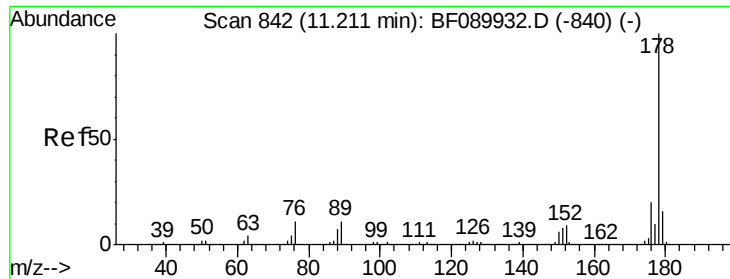
#70
 Phenanthrene
 Concen: 36.15 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion: 178 Resp: 1270350
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.5 24.7
 179 15.9 12.8 19.2



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

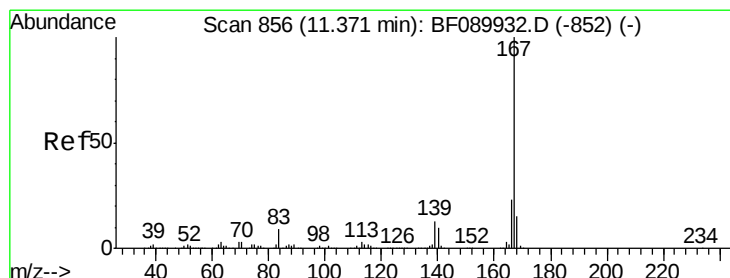
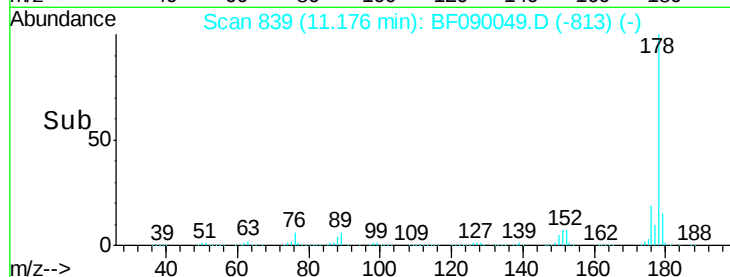
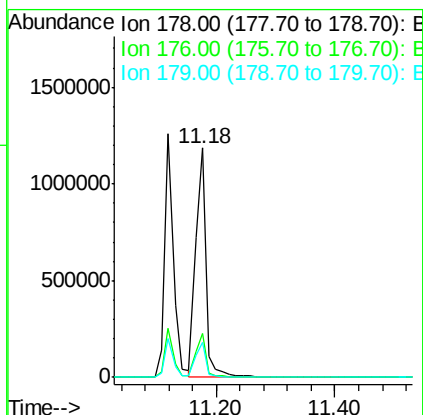
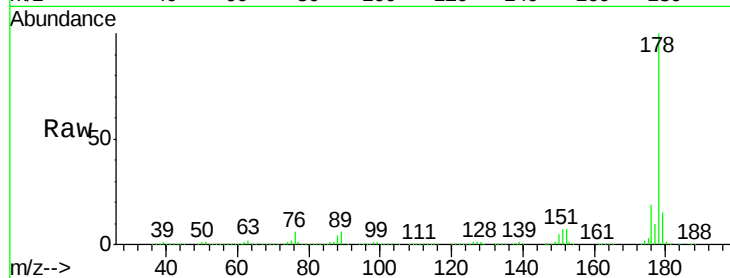




#71
 Anthracene
 Concen: 41.28 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

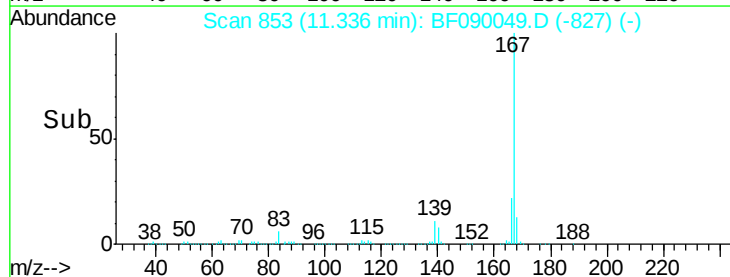
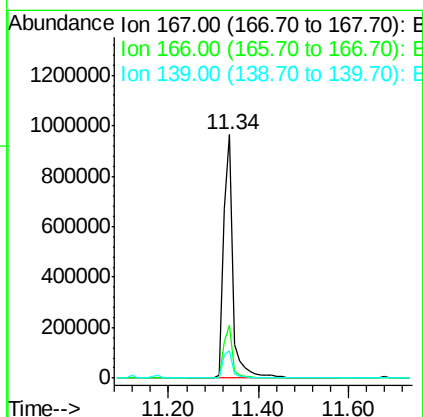
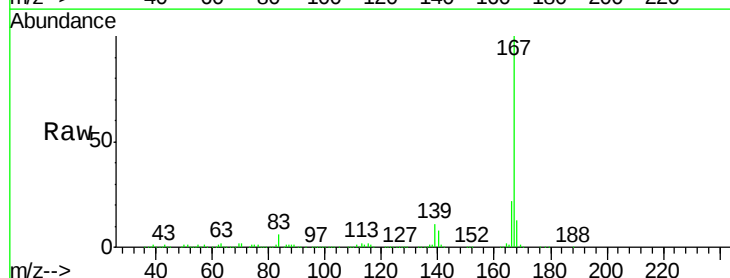
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

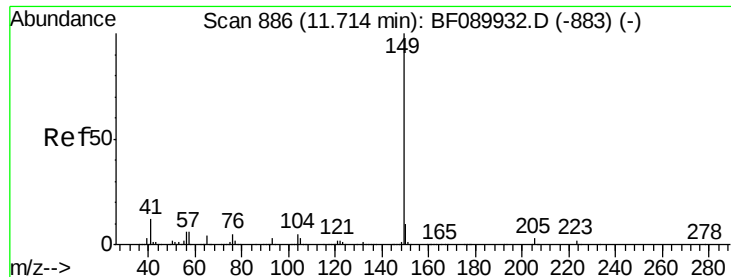
Tgt Ion:178 Resp: 1471328
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 13.0 19.4



#72
 Carbazole
 Concen: 41.02 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion:167 Resp: 1371011
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 11.4 10.4 15.6





#73

Di-n-butylphthalate

Concen: 38.74 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

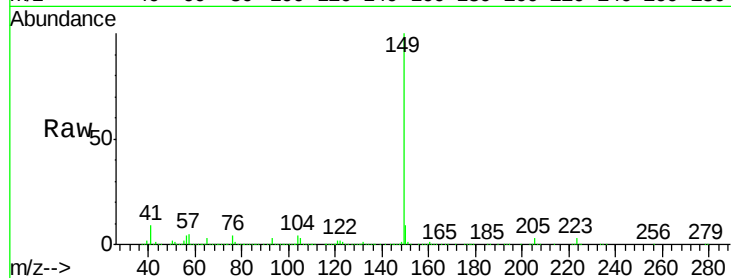
Tgt Ion:149 Resp: 1509168

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

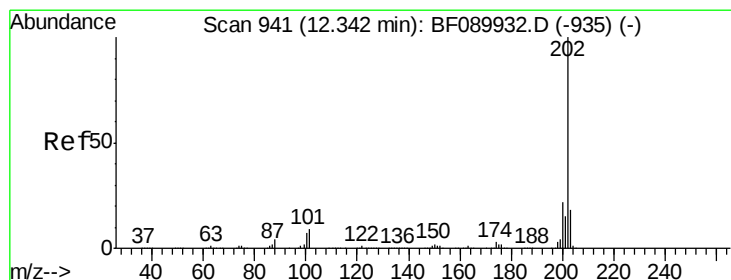
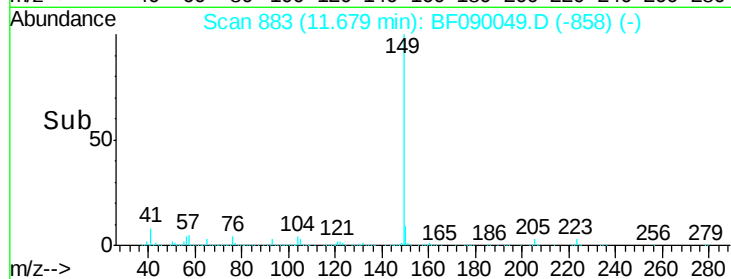
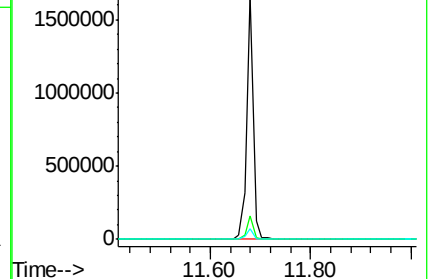
104 4.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.47 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

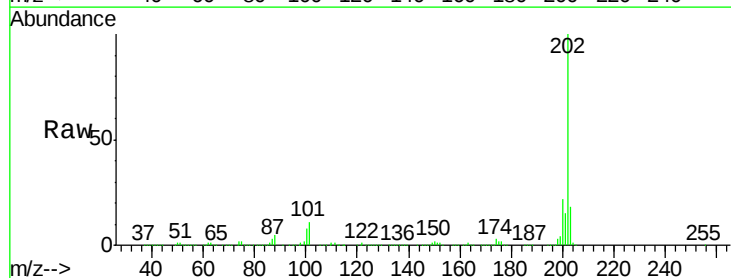
Tgt Ion:202 Resp: 1379889

Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.5

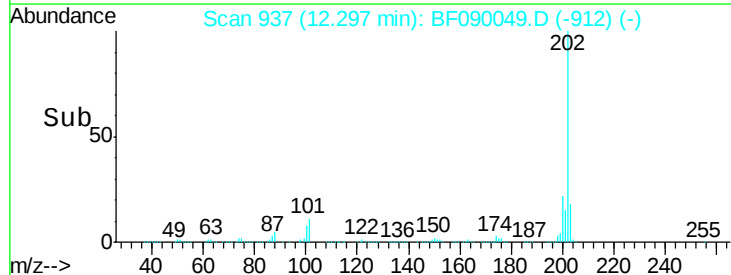
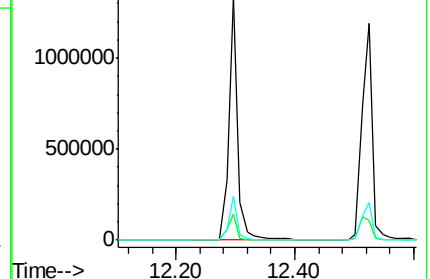
203 18.1 0.0 38.0

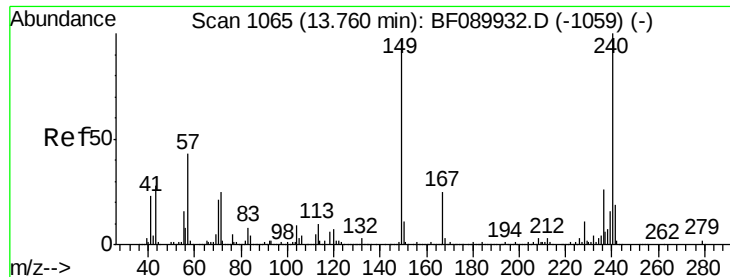


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

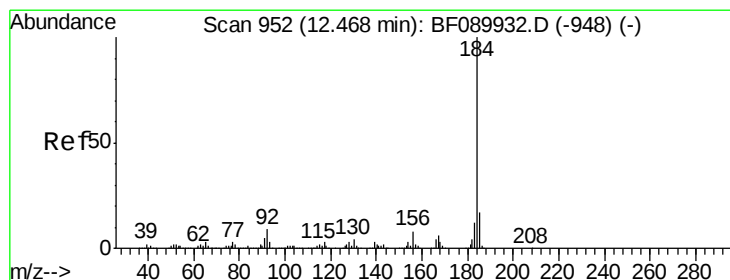
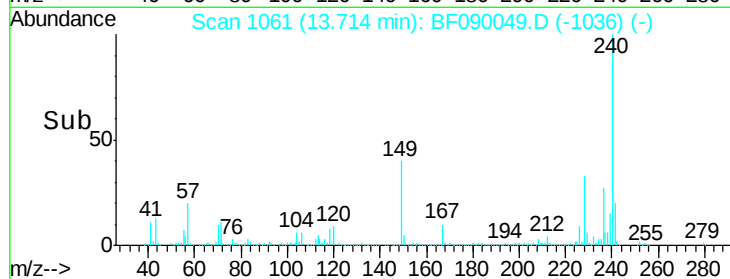
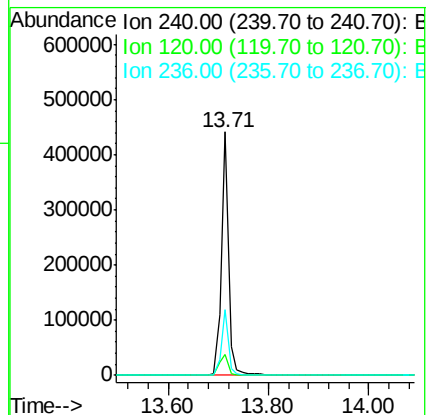
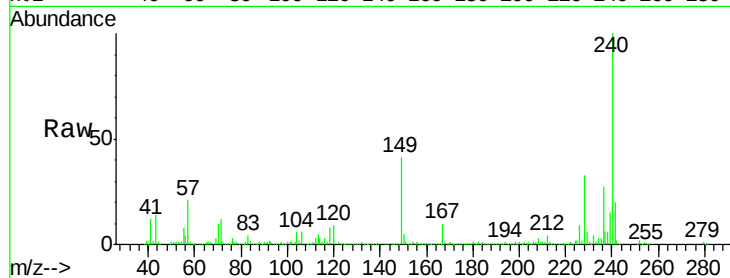
Tgt Ion:240 Resp: 437413

Ion Ratio Lower Upper

240 100

120 8.6 5.7 8.5#

236 26.8 21.3 31.9



#76

Benzidine

Concen: 21.75 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

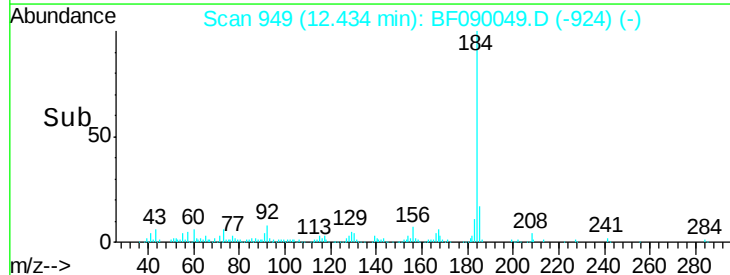
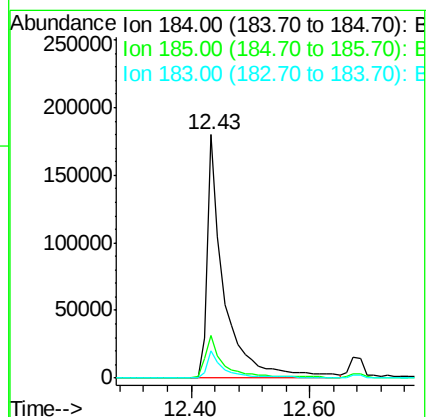
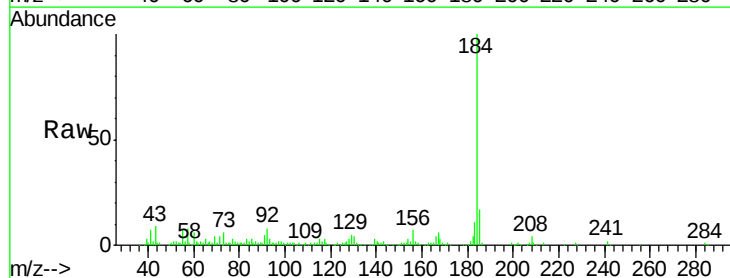
Tgt Ion:184 Resp: 360402

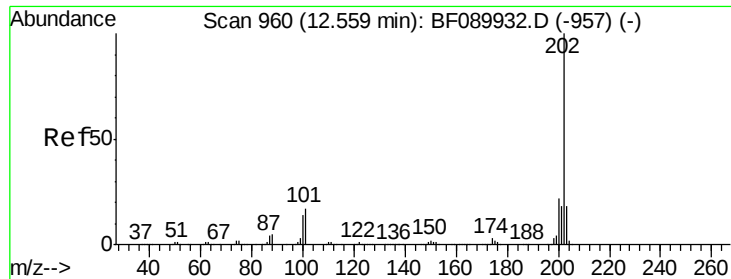
Ion Ratio Lower Upper

184 100

185 17.3 13.8 20.8

183 11.1 9.6 14.4

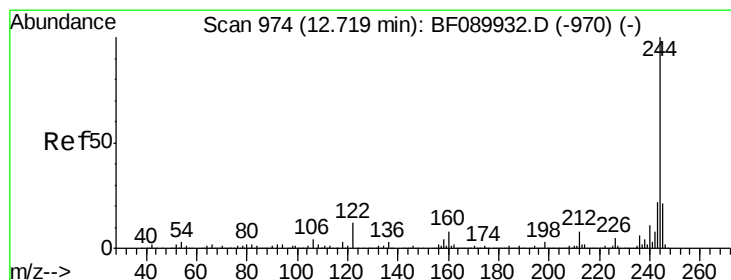
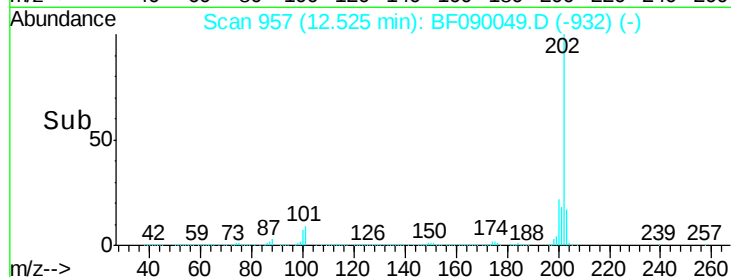
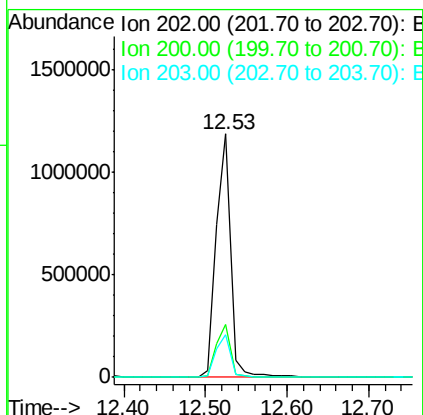
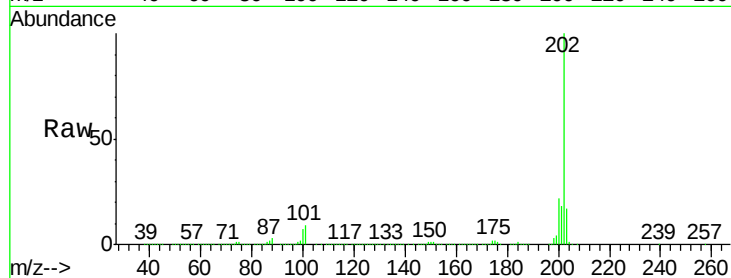




#77
 Pyrene
 Concen: 47.23 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

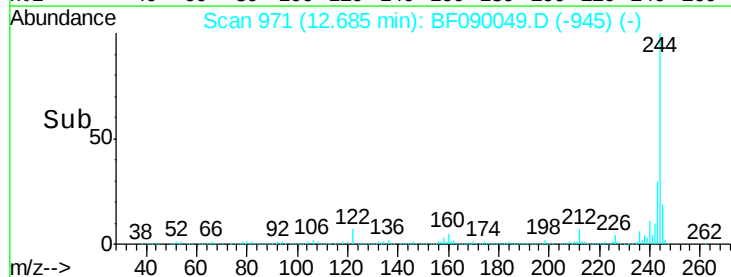
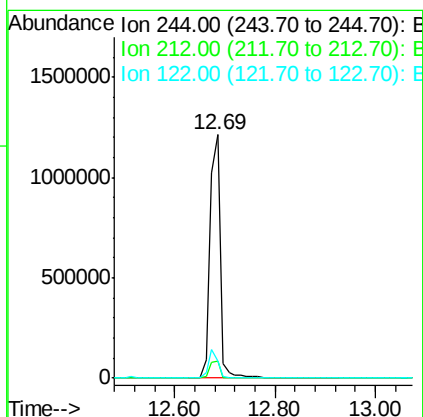
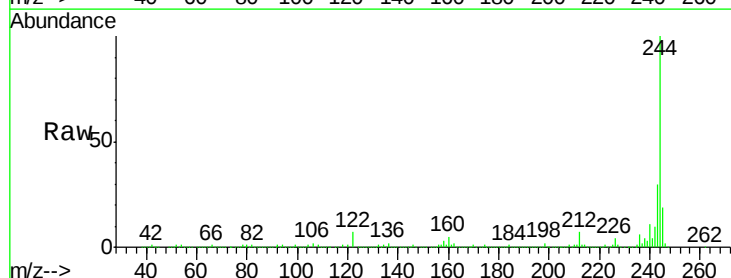
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

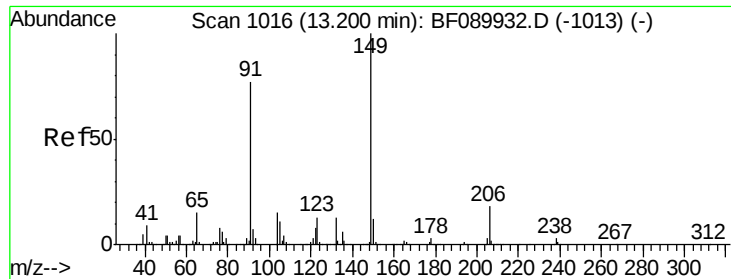
Tgt Ion: 202 Resp: 1456469
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.6 26.4
 203 17.5 14.6 21.8



#78
 Terphenyl-d14
 Concen: 97.32 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion: 244 Resp: 1723304
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 7.0 9.6 14.4#





#79

Butylbenzylphthalate

Concen: 46.78 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

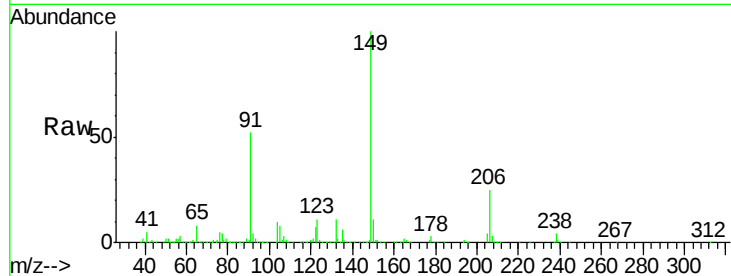
Tgt Ion:149 Resp: 581831

Ion Ratio Lower Upper

149 100

91 51.6 60.0 90.0#

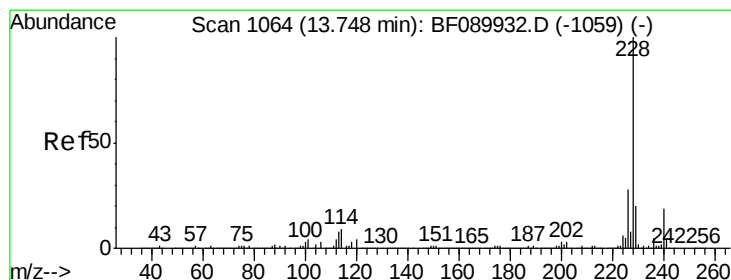
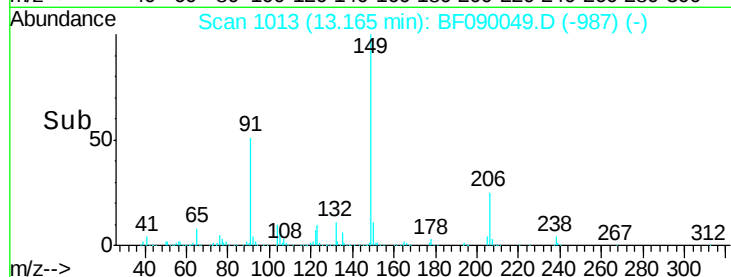
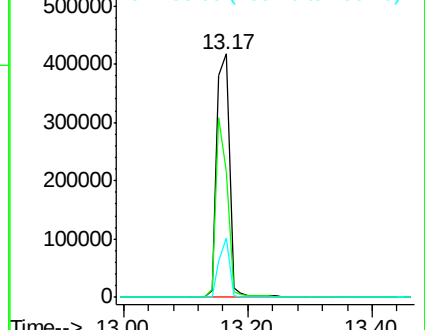
206 24.5 15.1 22.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.12 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

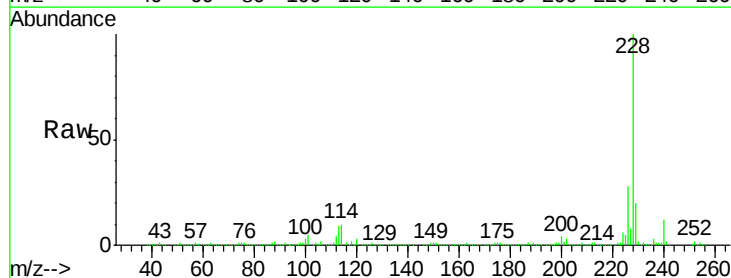
Tgt Ion:228 Resp: 1047982

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

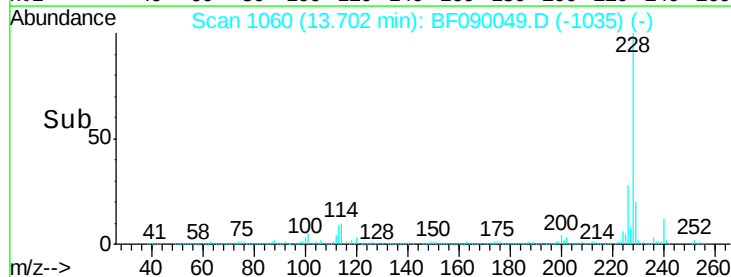
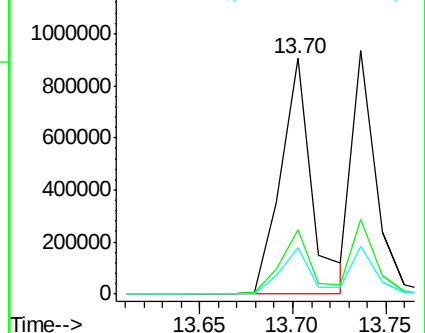
229 19.9 15.8 23.6

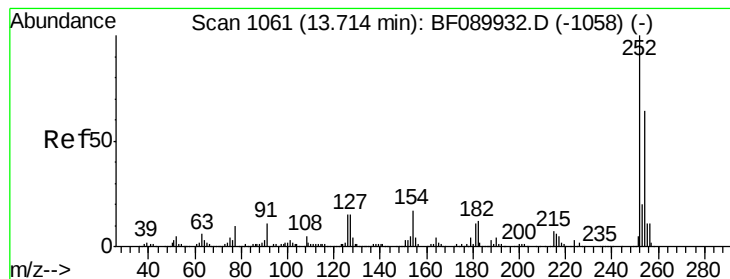


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

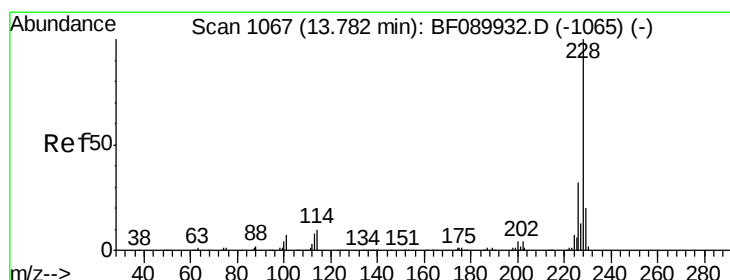
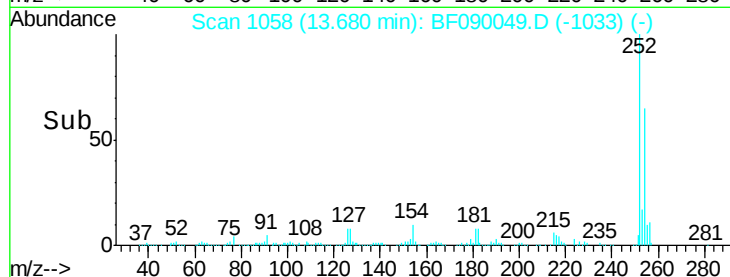
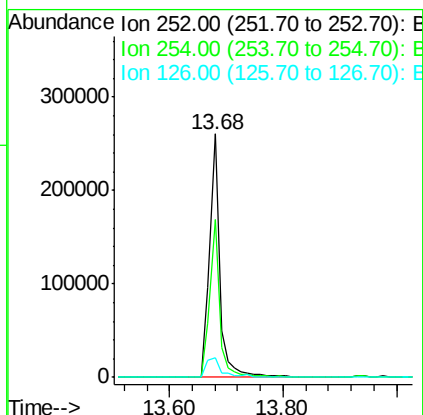
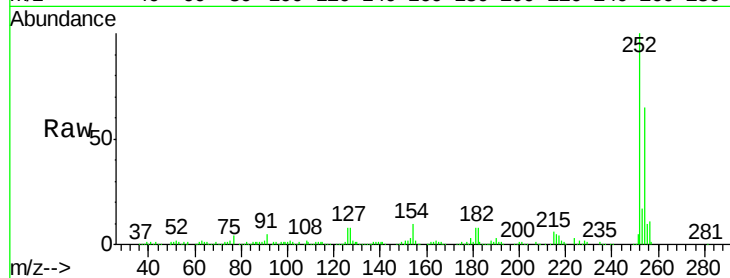




#81
 3,3'-Dichlorobenzidine
 Concen: 32.87 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

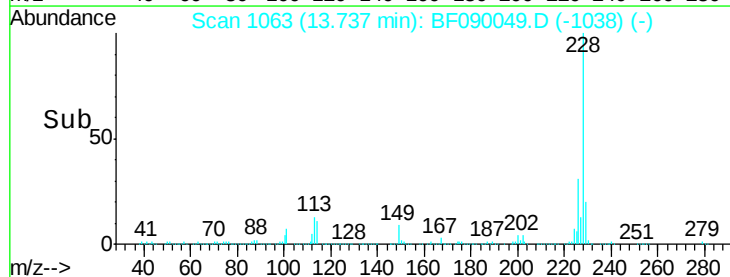
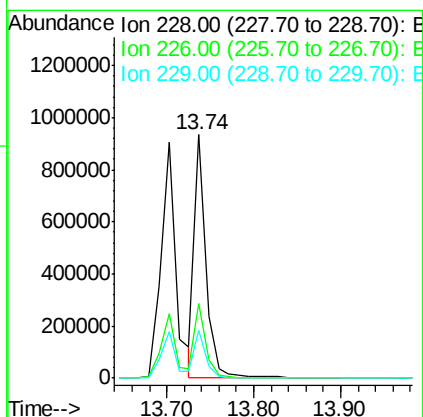
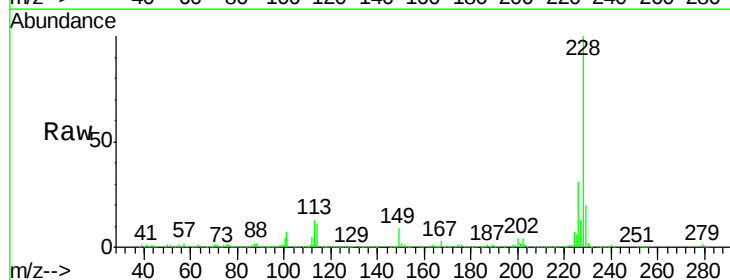
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

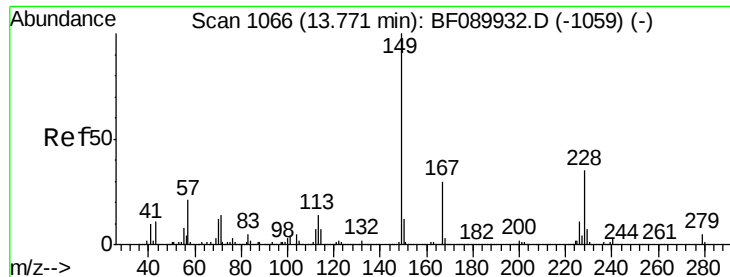
Tgt Ion:252 Resp: 317881
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.3 76.9
 126 8.2 12.3 18.5#



#82
 Chrysene
 Concen: 34.58 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion:228 Resp: 865324
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.2 37.8
 229 19.7 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.35 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

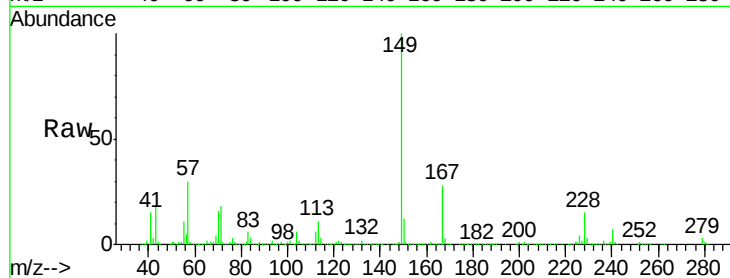
Tgt Ion:149 Resp: 745800

Ion Ratio Lower Upper

149 100

167 28.0 23.6 35.4

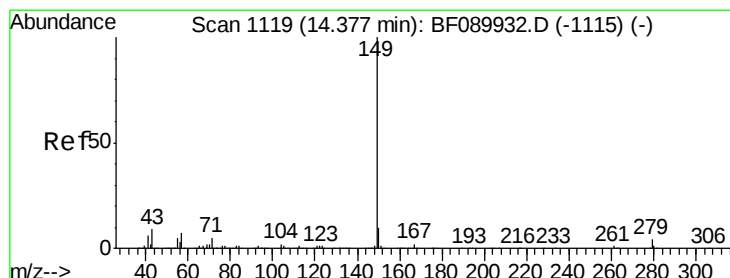
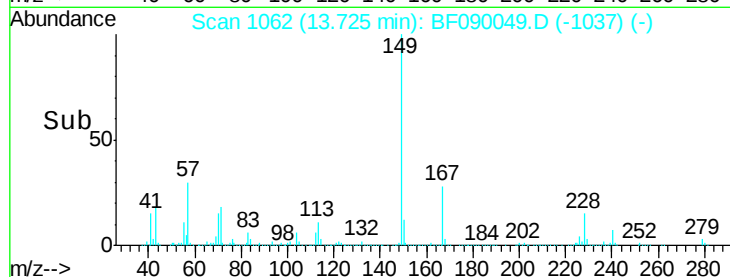
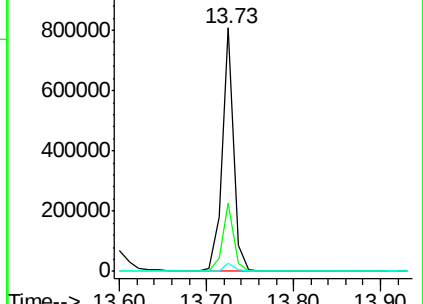
279 3.2 3.4 5.2#



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: 38.36 ng

RT: 14.33 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

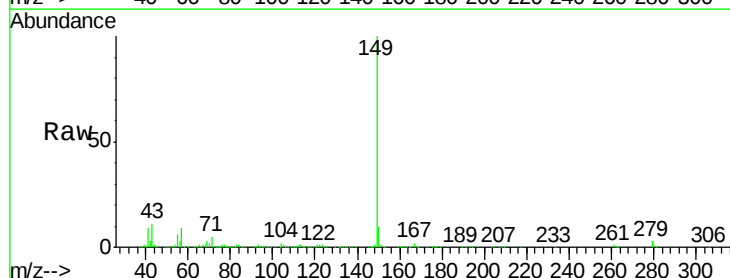
Tgt Ion:149 Resp: 1065088

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

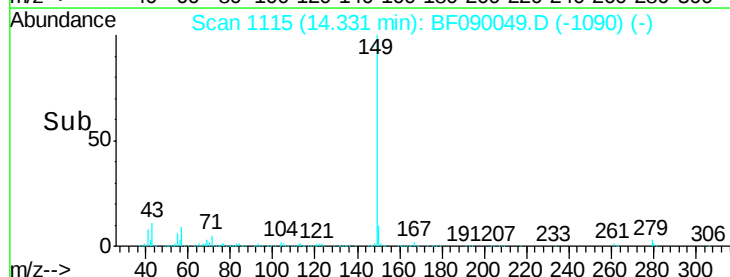
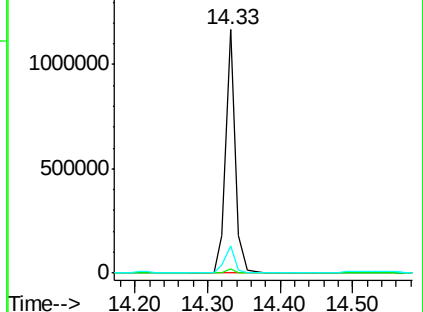
43 11.7 9.3 13.9

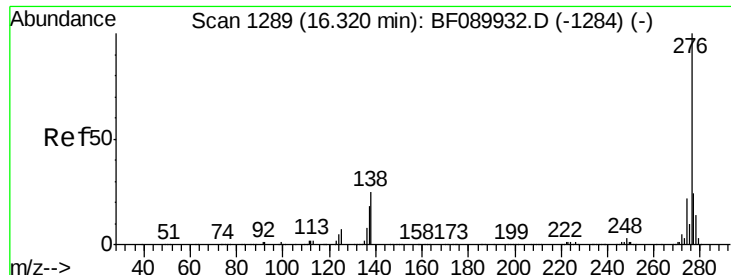


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

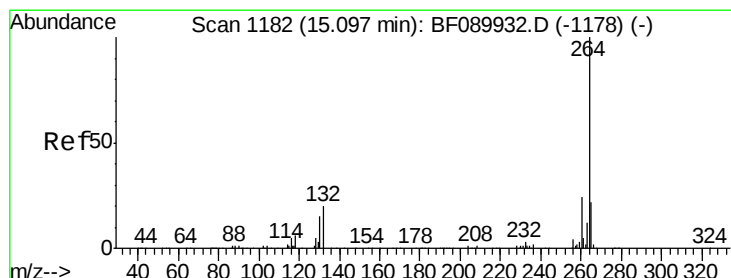
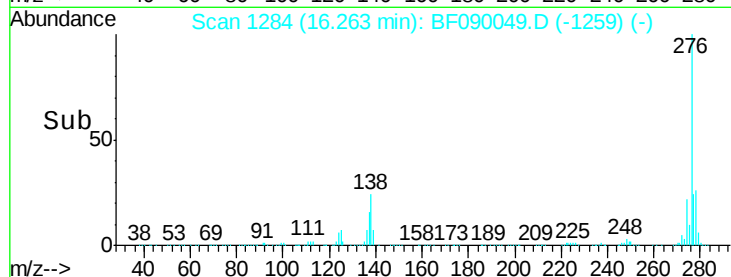
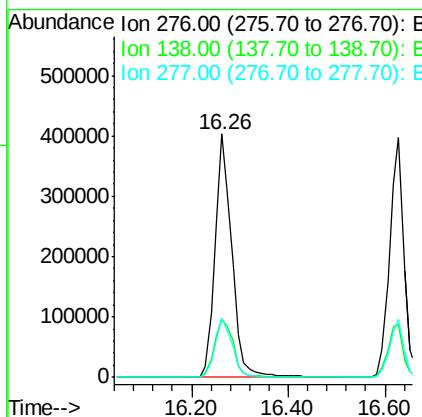
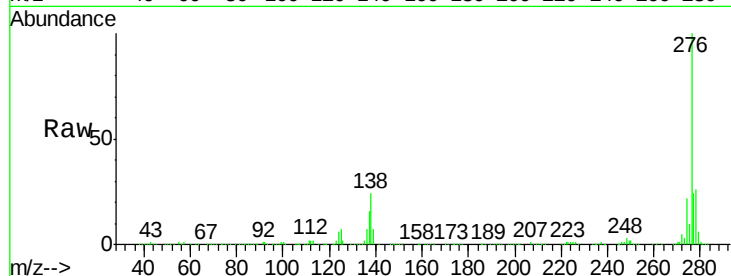




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.72 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

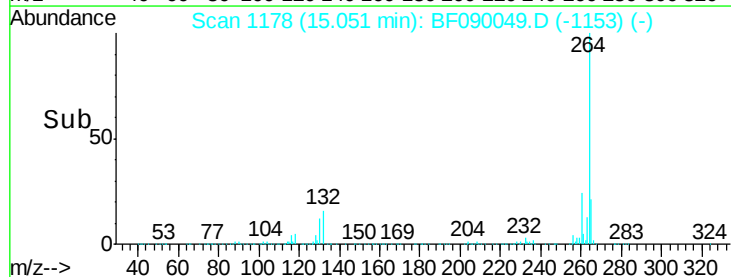
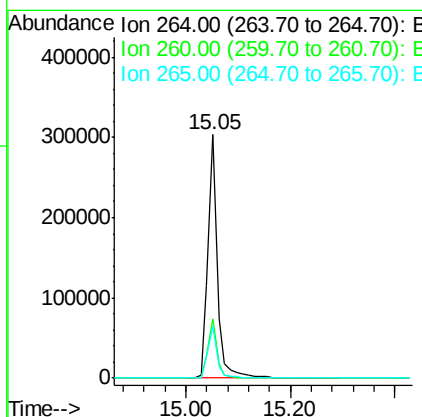
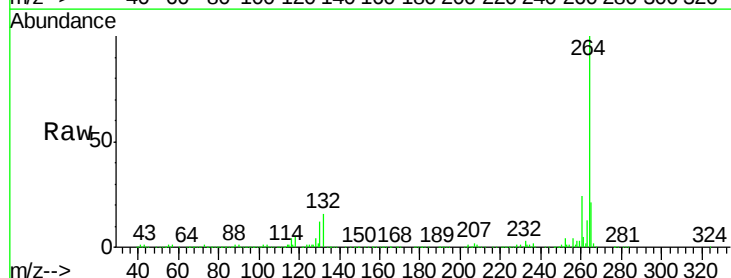
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

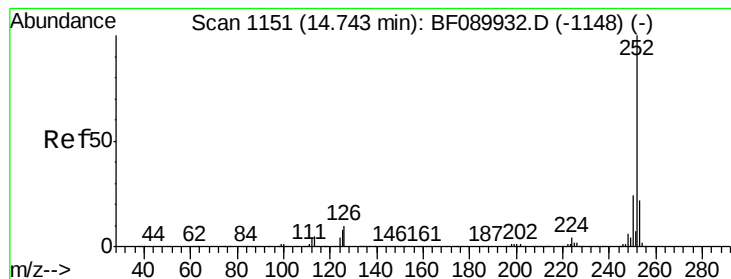
Tgt Ion: 276 Resp: 993979
 Ion Ratio Lower Upper
 276 100
 138 27.1 22.6 34.0
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF090049.D
 Acq: 9 Sep 2016 16:03

Tgt Ion: 264 Resp: 378101
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.4 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 67.26 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

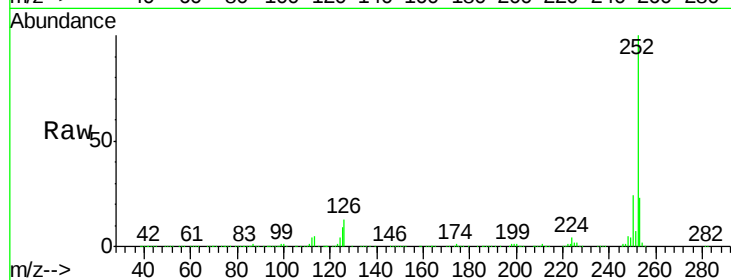
Tgt Ion:252 Resp: 1593177

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

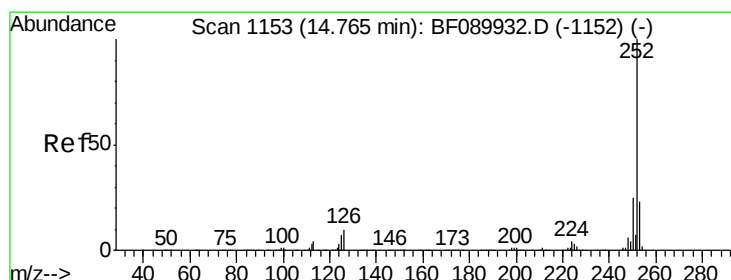
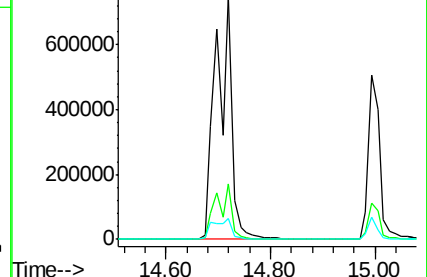
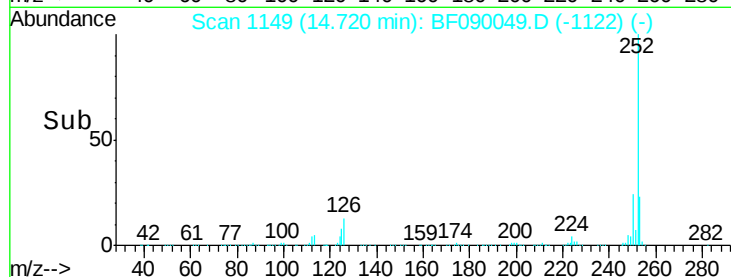
125 8.5 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 79.26 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF090049.D

Acq: 9 Sep 2016 16:03

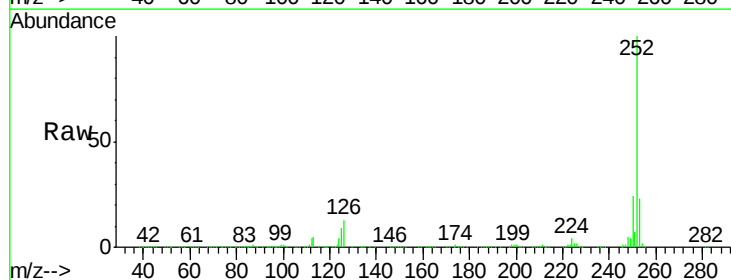
Tgt Ion:252 Resp: 1593177

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

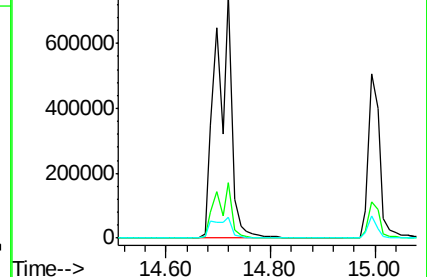
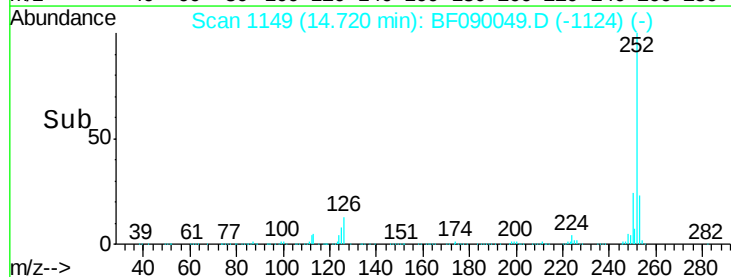
125 8.5 7.3 10.9

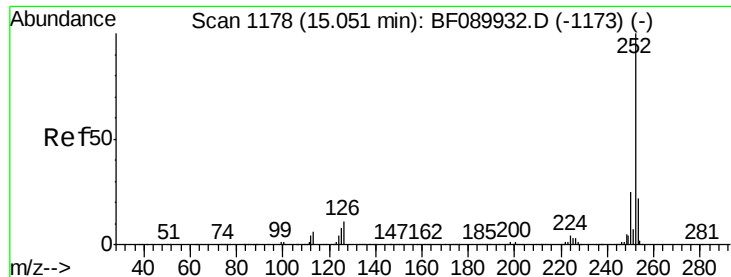


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

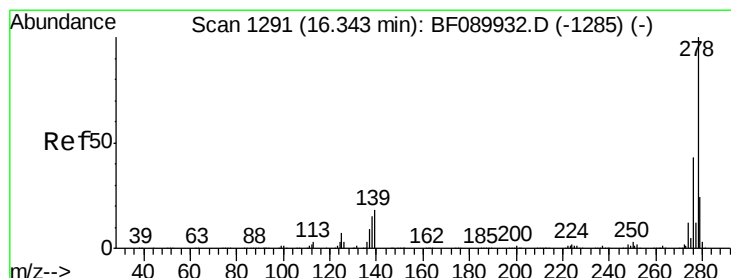
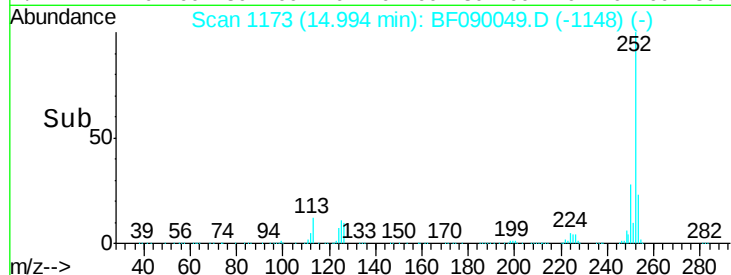
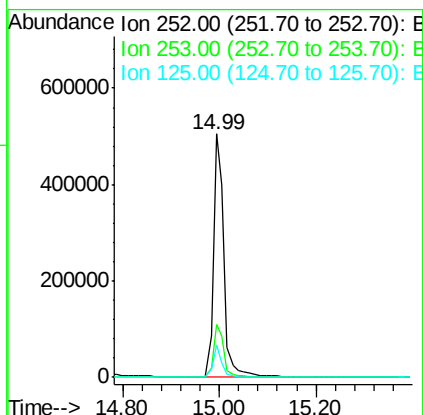
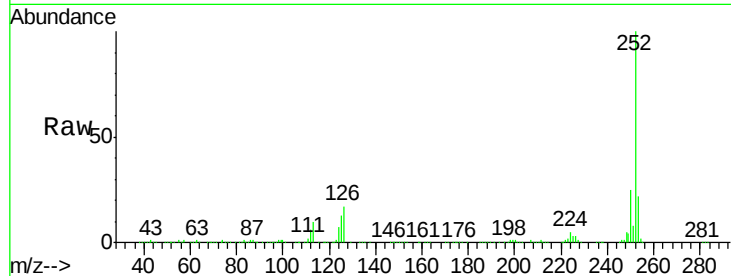




#89
Benzo(a)pyrene
Concen: 38.00 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

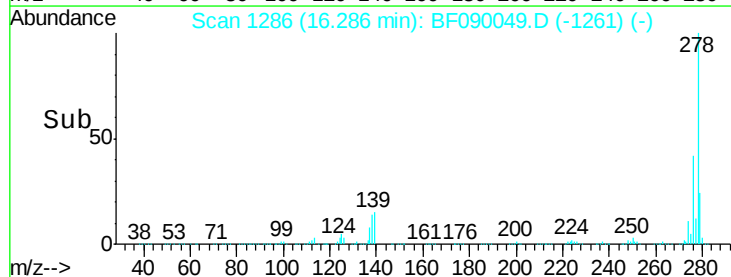
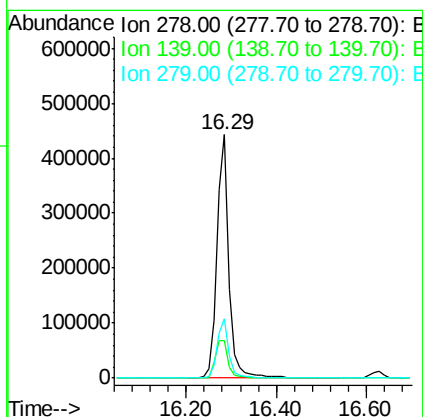
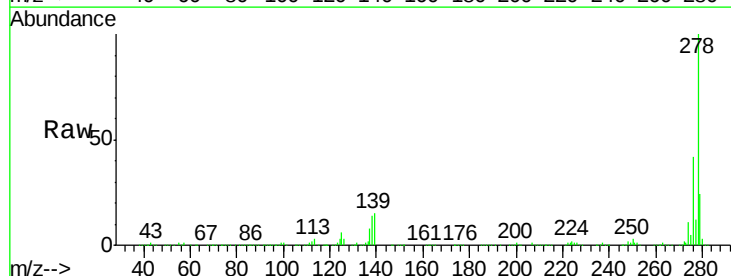
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

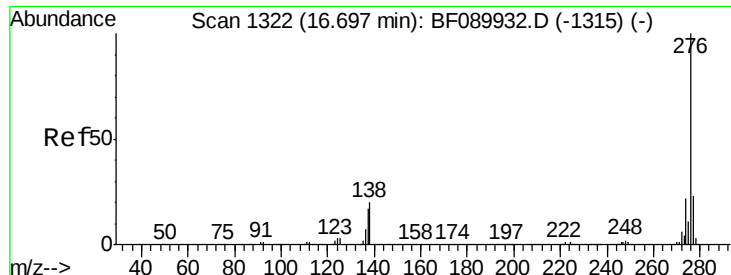
Tgt Ion: 252 Resp: 771156
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.3 6.3 9.5#



#90
Dibenzo(a,h)anthracene
Concen: 55.00 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF090049.D
Acq: 9 Sep 2016 16:03

Tgt Ion: 278 Resp: 817795
Ion Ratio Lower Upper
278 100
139 15.4 13.4 20.2
279 24.3 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 56.17 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF090049.D

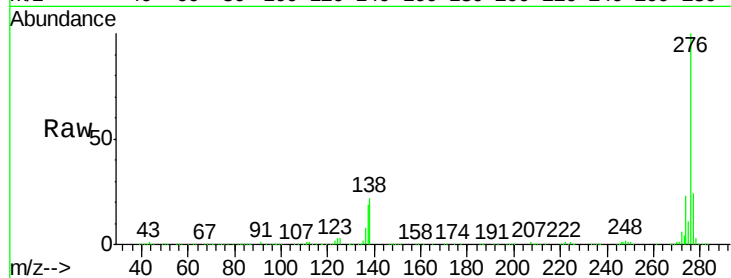
Acq: 9 Sep 2016 16:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



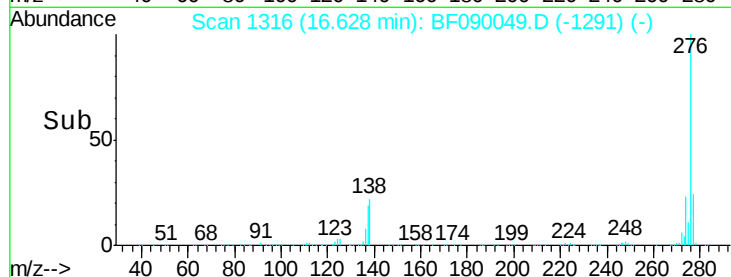
Tgt Ion: 276 Resp: 840743

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 22.1 16.4 24.6



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

