

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086414.D
 Acq On : 27 Apr 2016 10:28
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Quant Time: Apr 27 12:42:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 12:41:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	106419	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	518134	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	244722	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	492274	20.00	ng	0.00
75) Chrysene-d12	13.95	240	398671	20.00	ng	-0.01
86) Perylene-d12	15.36	264	311287	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	26022	4.22	ng	-0.01
7) Phenol-d6	6.43	99	42853	5.12	ng	-0.01
23) Nitrobenzene-d5	7.37	82	44130	5.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	11580	5.23	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	103849	7.24	ng	-0.01
78) Terphenyl-d14	12.90	244	101420	6.32	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	8980	2.64	ng	# 79
3) Pyridine	3.18	79	10342	1.27	ng	# 28
4) n-Nitrosodimethylamine	3.06	42	8734	3.01	ng	# 46
6) Aniline	6.46	93	20144	1.97	ng	96
8) 2-Chlorophenol	6.58	128	21457	2.85	ng	93
9) Benzaldehyde	6.35	77	6690	1.31	ng	86
10) Phenol	6.44	94	27773	2.81	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	23366	2.71	ng	98
12) 1,3-Dichlorobenzene	6.74	146	22665	2.82	ng	# 95
13) 1,4-Dichlorobenzene	6.82	146	24232	2.75	ng	96
14) 1,2-Dichlorobenzene	6.97	146	26041	3.25	ng	97
15) Benzyl Alcohol	6.94	79	7759	1.56	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	46982	4.16	ng	92
17) 2-Methylphenol	7.06	107	15020	2.44	ng	93
18) Hexachloroethane	7.31	117	8978	3.02	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	16292	3.25	ng	# 71
20) 3+4-Methylphenols	7.21	107	17421	2.67	ng	# 74
22) Acetophenone	7.21	105	26687	2.46	ng	# 81
24) Nitrobenzene	7.38	77	22295	2.38	ng	95
25) Isophorone	7.62	82	47948	2.80	ng	97
26) 2-Nitrophenol	7.71	139	5407	1.17	ng	# 92
27) 2,4-Dimethylphenol	7.74	122	19040	2.40	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	24386	2.55	ng	99
29) 2,4-Dichlorophenol	7.95	162	13893	2.12	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	20808	2.92	ng	96
31) Naphthalene	8.11	128	74858	2.84	ng	99
32) Benzoic acid	7.74	122	19040	3.75	ng	# 20
33) 4-Chloroaniline	8.17	127	21319	2.07	ng	95
34) Hexachlorobutadiene	8.24	225	11557	3.25	ng	93
35) Caprolactam	8.49	113	3969	1.69	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	18397	2.36	ng	97
37) 2-Methylnaphthalene	8.80	142	39246	2.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	19215	3.03	ng	96
40) Hexachlorocyclopentadiene	8.96	237	5161	1.67	ng	96

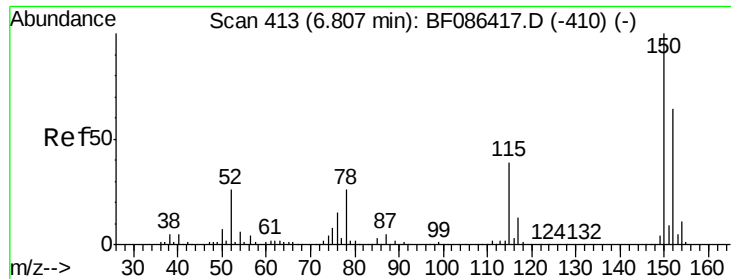
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	9387	2.26	nq	95
43) 2,4,5-Trichlorophenol	9.12	196	12197	2.39	nq	# 93
45) 1,1'-Biphenyl	9.26	154	59025	3.11	nq	97
46) 2-Chloronaphthalene	9.29	162	43356	2.89	nq	98
47) 2-Nitroaniline	9.39	65	10028	2.14	nq	84
48) Acenaphthylene	9.70	152	74307	3.05	nq	98
49) Dimethylphthalate	9.56	163	52843	2.99	nq	99
50) 2,6-Dinitrotoluene	9.62	165	7842	2.05	nq	# 66
51) Acenaphthene	9.87	154	45717	3.05	nq	96
52) 3-Nitroaniline	9.80	138	9084	1.90	nq	# 73
54) Dibenzofuran	10.04	168	58423	3.04	nq	98
55) 4-Nitrophenol	9.97	139	1928	0.58	nq	# 48
56) 2,4-Dinitrotoluene	10.03	165	10093	1.99	nq	# 92
57) Fluorene	10.38	166	49507	3.14	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	8701	2.33	nq	# 92
59) Diethylphthalate	10.26	149	51931	3.07	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	22028	3.20	nq	# 82
61) 4-Nitroaniline	10.41	138	7771	1.59	nq	# 67
62) Azobenzene	10.53	77	53826	3.07	nq	83
64) 4,6-Dinitro-2-methylphenol	10.43	198	1614	0.54	nq	# 22
65) n-Nitrosodiphenylamine	10.50	169	41491	2.73	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	12100	2.51	nq	# 86
67) Hexachlorobenzene	10.93	284	15308	2.98	nq	93
68) Atrazine	11.02	200	11746	2.51	nq	95
69) Pentachlorophenol	11.13	266	1951	0.65	nq	88
70) Phenanthrene	11.34	178	69422	2.81	nq	98
71) Anthracene	11.39	178	76439	2.70	nq	99
72) Carbazole	11.55	167	62441	2.35	nq	99
73) Di-n-butylphthalate	11.89	149	65949	2.36	nq	98
74) Fluoranthene	12.52	202	69044	2.59	nq	97
76) Benzidine	12.67	184	30560	1.87	nq	98
77) Pyrene	12.75	202	78406	2.82	nq	99
79) Butylbenzylphthalate	13.38	149	26015	2.01	nq	# 80
80) Benzo(a)anthracene	13.94	228	58567	2.83	nq	97
81) 3,3'-Dichlorobenzidine	13.91	252	33728	2.36	nq	99
82) Chrysene	13.97	228	64888	2.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	37941	2.62	nq	# 96
84) Di-n-octyl phthalate	14.56	149	49917	1.79	nq	# 79
85) Indeno(1,2,3-cd)pyrene	16.71	276	36489	1.76	nq	94
87) Benzo(b)fluoranthene	14.98	252	96932	5.67	nq	98
88) Benzo(k)fluoranthene	14.98	252	96932	5.78	nq	97
89) Benzo(a)pyrene	15.30	252	45949	2.73	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	29526	2.12	nq	98
91) Benzo(g,h,i)perylene	17.11	276	31231	2.18	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

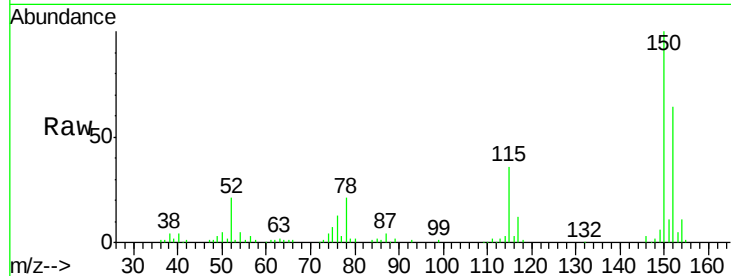
Tot Ion:152 Resp: 106419

Ion Ratio Lower Upper

152 100

150 157.5 125.8 188.6

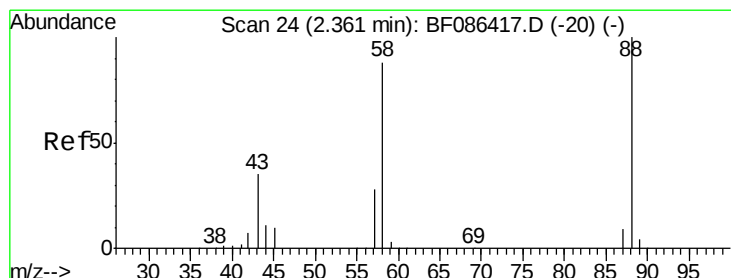
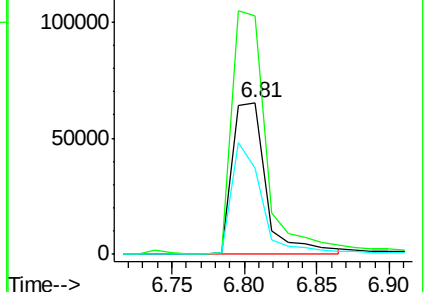
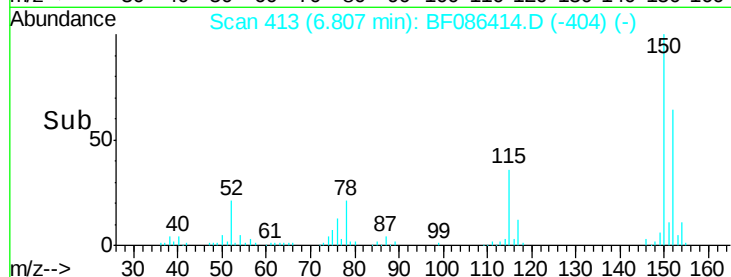
115 56.6 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.64 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

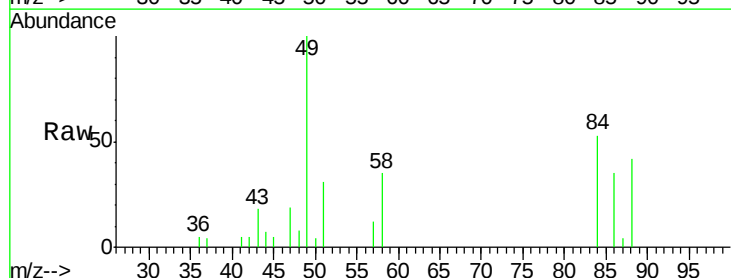
Tgt Ion: 88 Resp: 8980

Ion Ratio Lower Upper

88 100

58 88.4 59.6 89.4

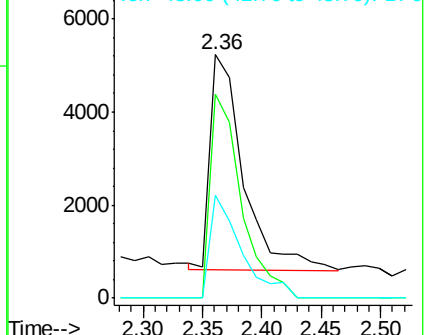
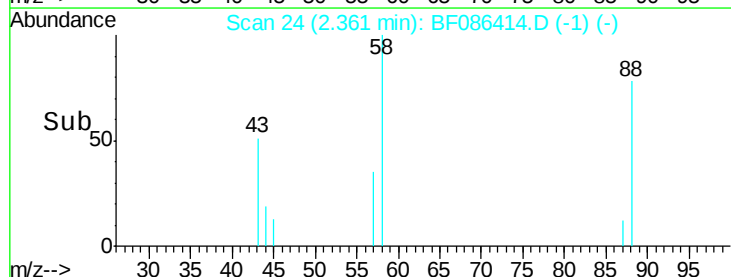
43 45.0 21.8 32.6#

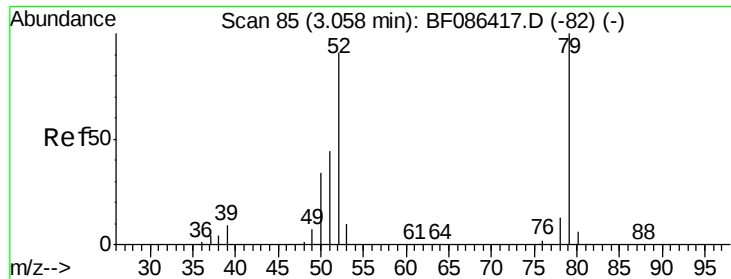


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 1.27 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.13 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

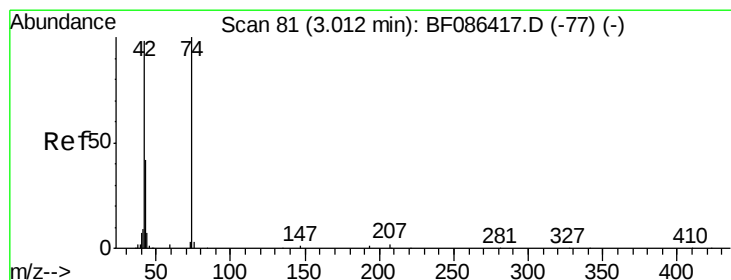
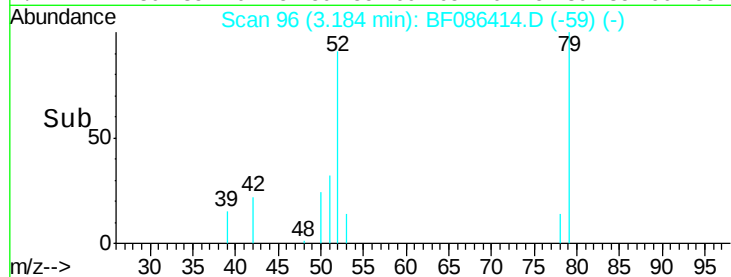
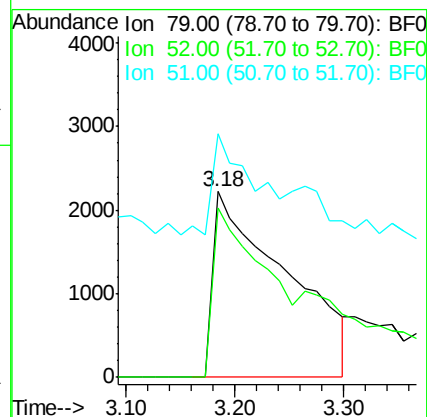
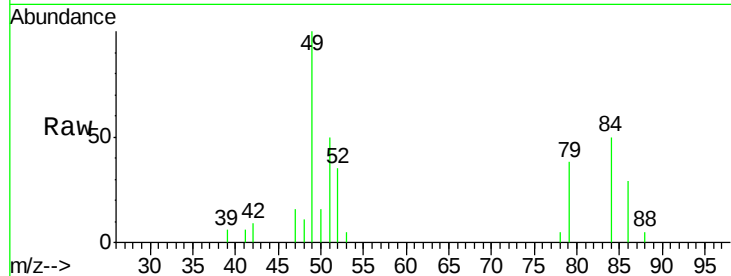
Tot Ion: 79 Resp: 10342

Ion Ratio Lower Upper

79 100

52 91.1 55.9 83.9#

51 130.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 3.01 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.05 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

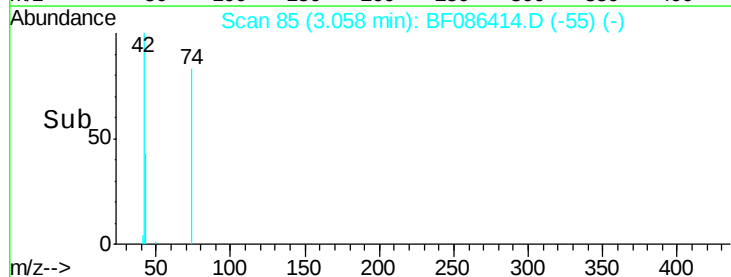
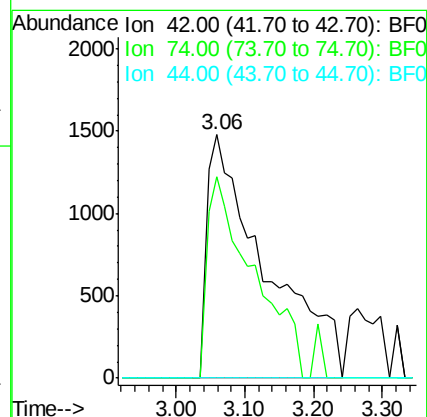
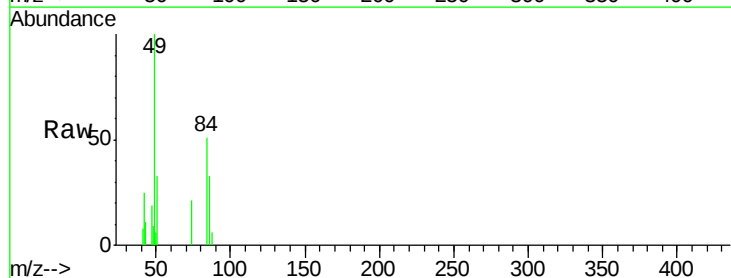
Tgt Ion: 42 Resp: 8734

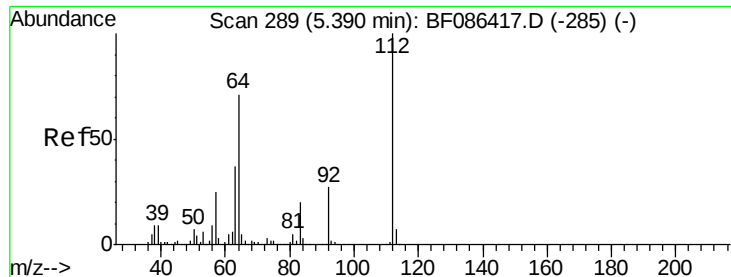
Ion Ratio Lower Upper

42 100

74 82.9 123.4 185.0#

44 0.0 5.8 8.6#





#5

2-Fluorophenol

Concen: 4.22 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

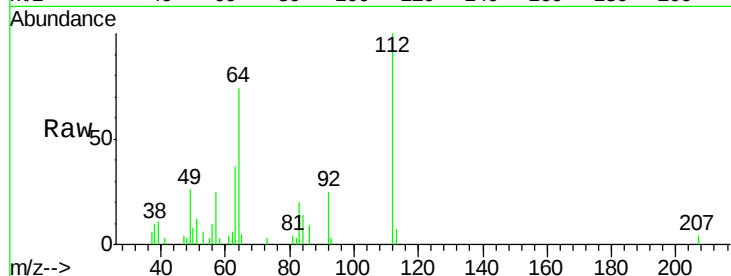
Tot Ion:112 Resp: 26022

Ion Ratio Lower Upper

112 100

64 74.2 52.1 78.1

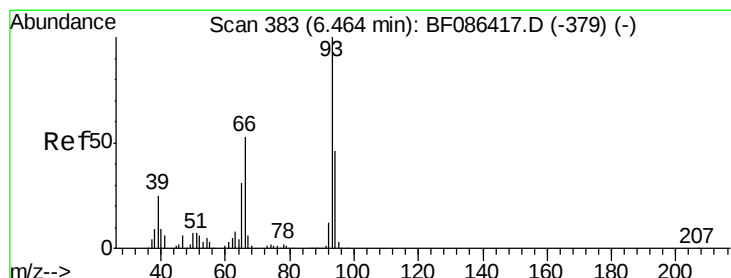
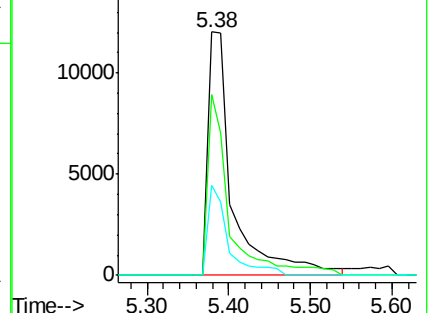
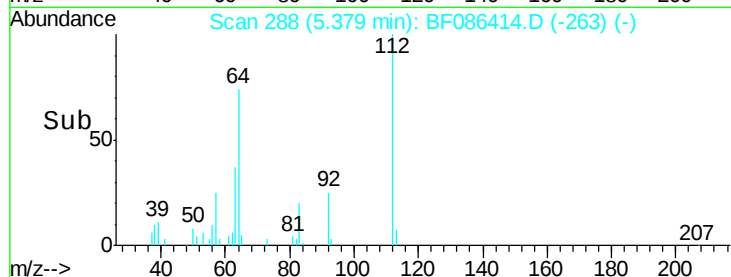
63 37.0 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 1.97 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

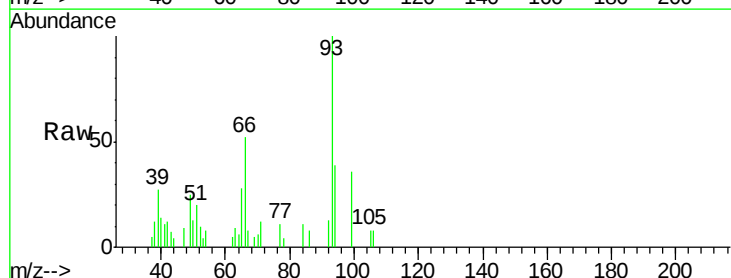
Tgt Ion: 93 Resp: 20144

Ion Ratio Lower Upper

93 100

66 51.7 39.0 58.6

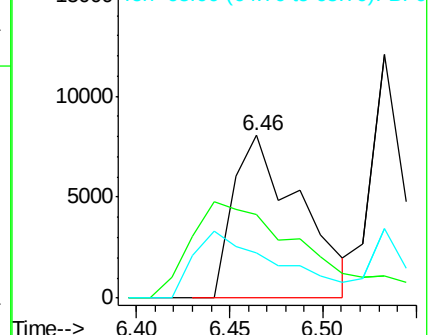
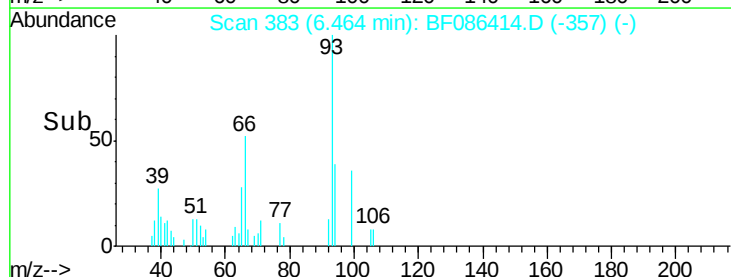
65 28.1 20.6 31.0

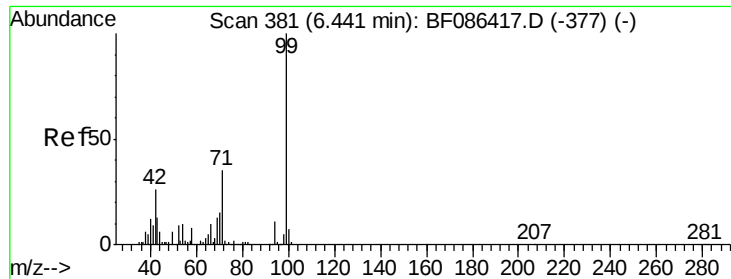


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.12 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

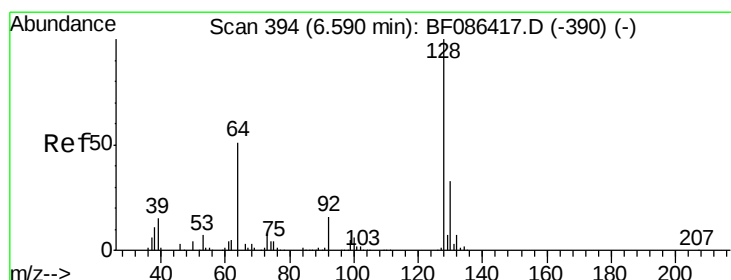
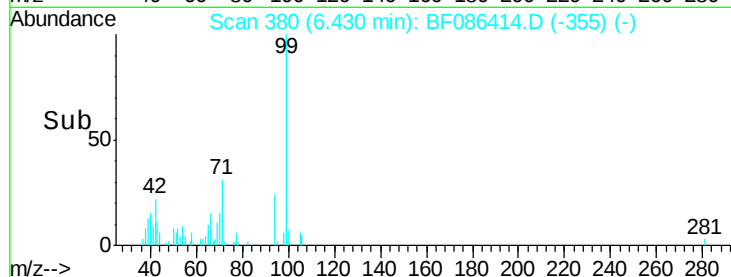
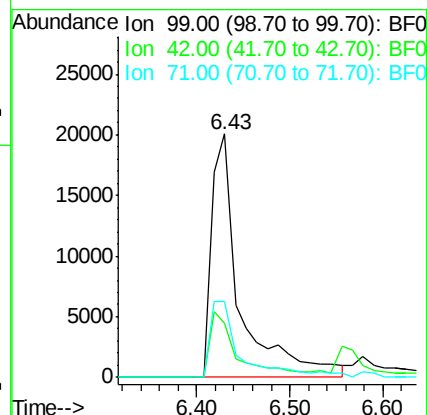
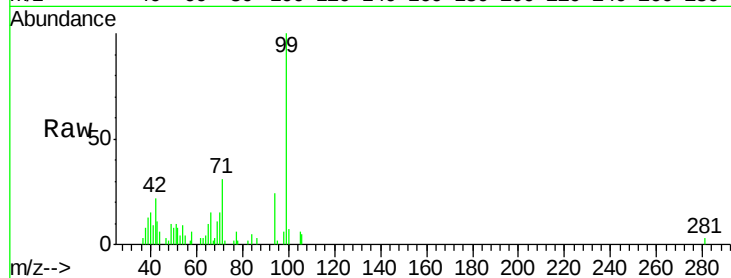
BNA_F

ClientSampleId :

SSTDICC02.5

Tot Ion: 99 Resp: 42853

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.6	20.4#
71	31.3	24.6	36.8



#8

2-Chlorophenol

Concen: 2.85 ng

RT: 6.58 min Scan# 393

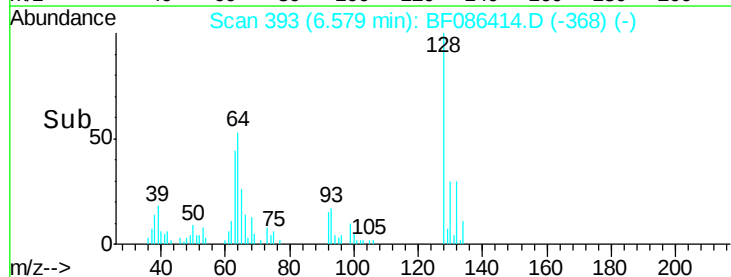
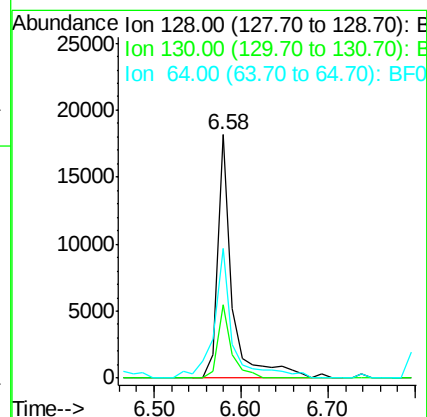
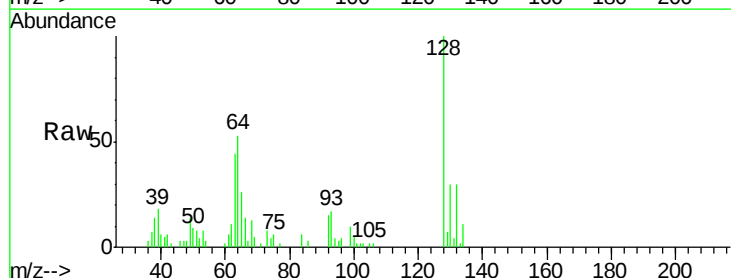
Delta R.T. -0.01 min

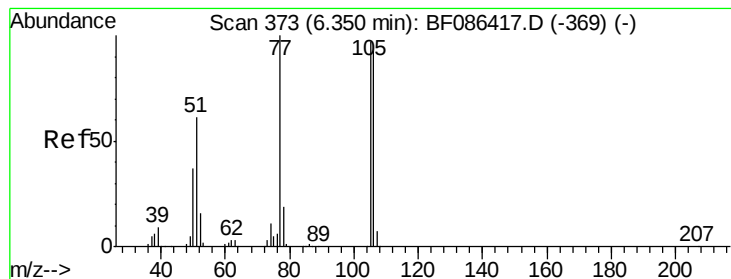
Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Tgt Ion: 128 Resp: 21457

Ion	Ratio	Lower	Upper
128	100		
130	30.3	12.5	52.5
64	53.2	27.3	67.3





#9

Benzaldehyde

Concen: 1.31 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

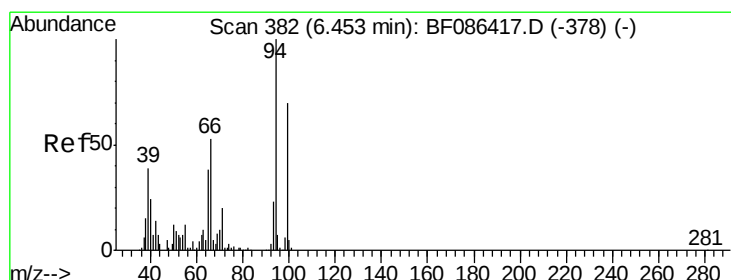
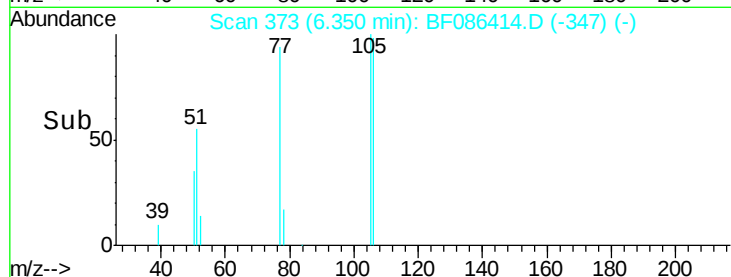
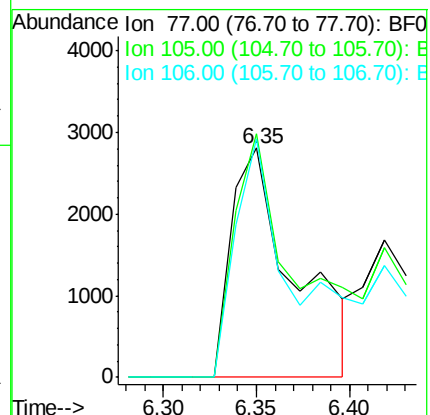
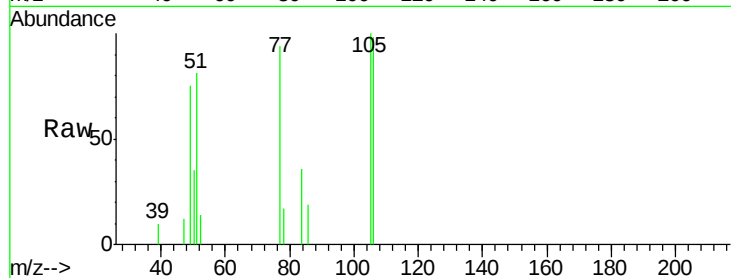
Tot Ion: 77 Resp: 6690

Ion Ratio Lower Upper

77 100

105 106.2 72.7 112.7

106 104.1 70.8 110.8



#10

Phenol

Concen: 2.81 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

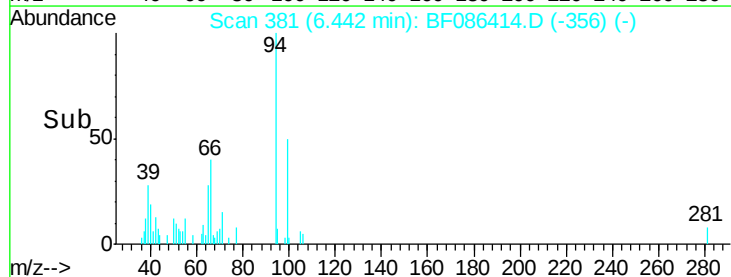
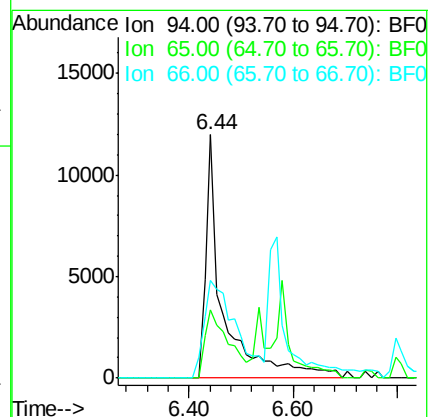
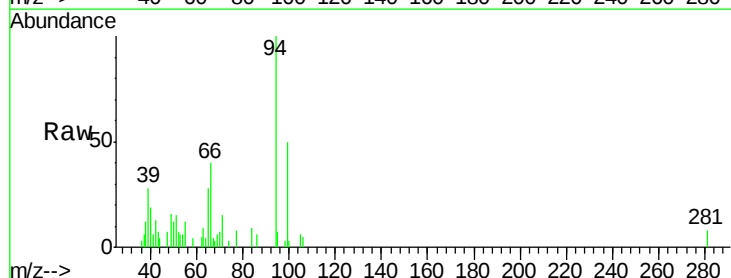
Tgt Ion: 94 Resp: 27773

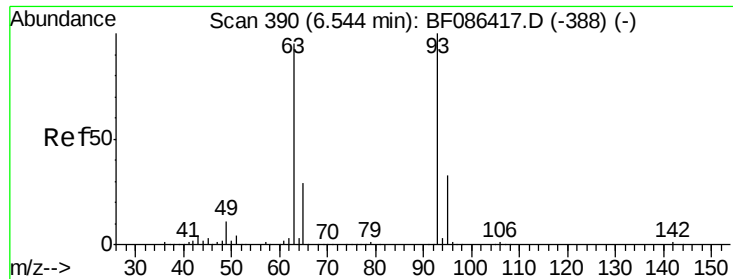
Ion Ratio Lower Upper

94 100

65 27.8 7.2 47.2

66 39.9 14.9 54.9

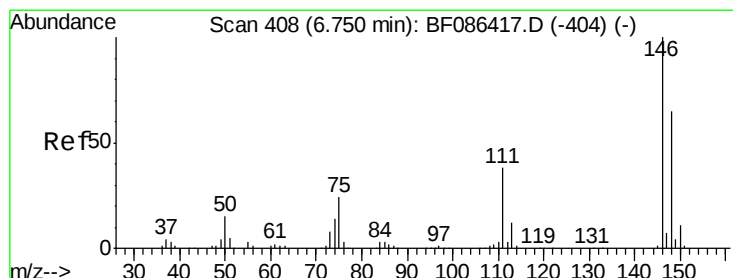
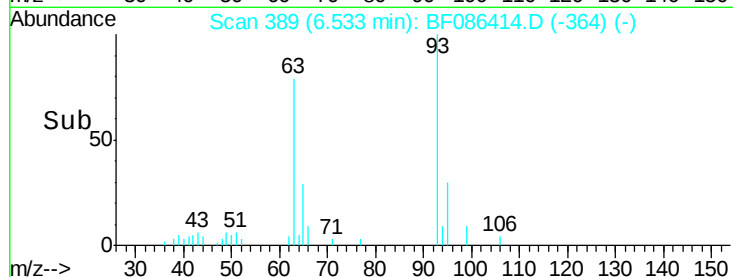
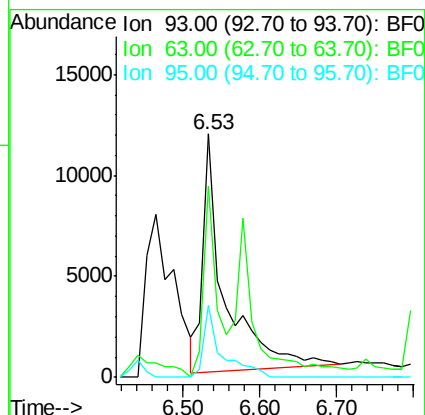
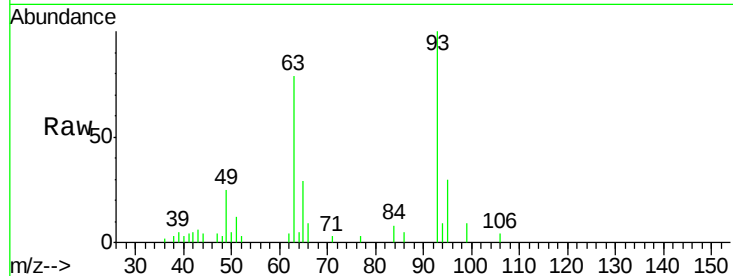




#11
 bis(2-Chloroethyl)ether
 Concen: 2.71 ng
 RT: 6.53 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

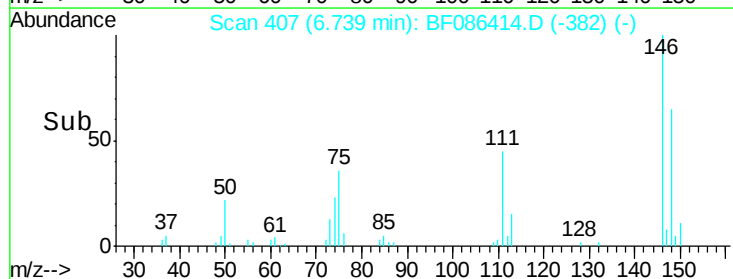
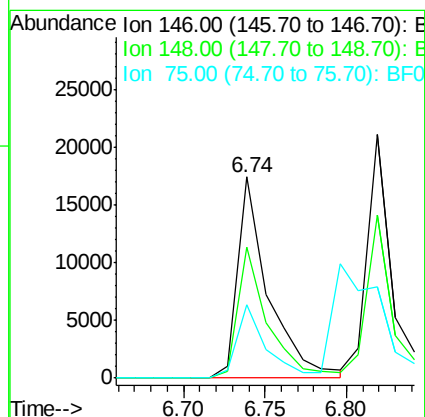
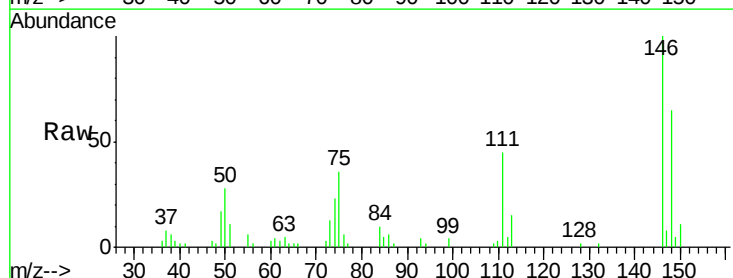
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

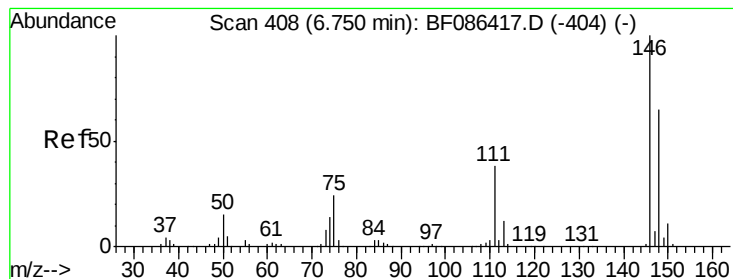
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.0	98.0
95	29.7	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 2.82 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.4	78.6
75	36.1	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 2.75 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

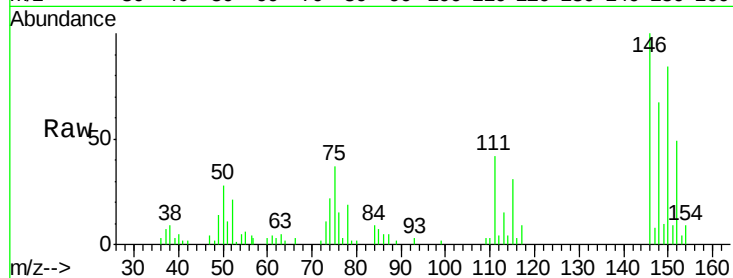
Tot Ion:146 Resp: 24232

Ion Ratio Lower Upper

146 100

148 67.1 52.2 78.4

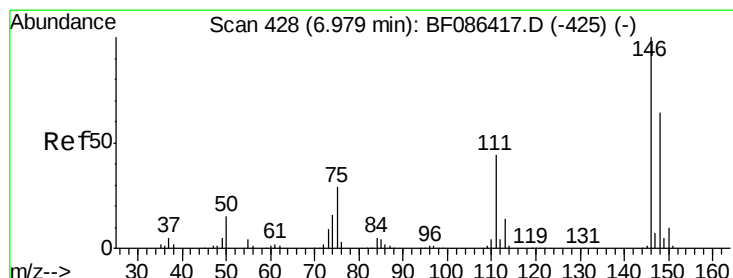
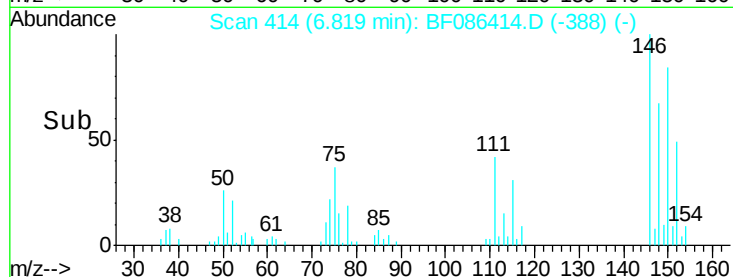
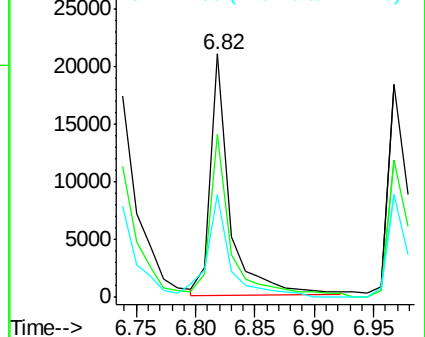
111 42.0 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 3.25 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

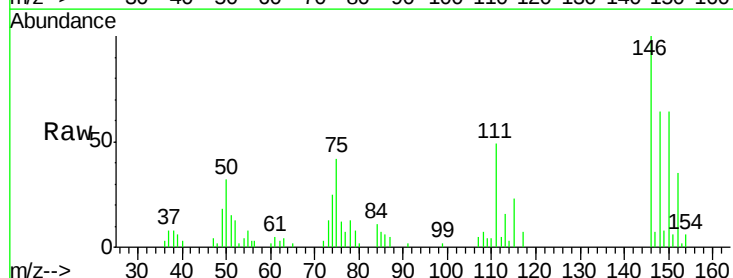
Tgt Ion:146 Resp: 26041

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

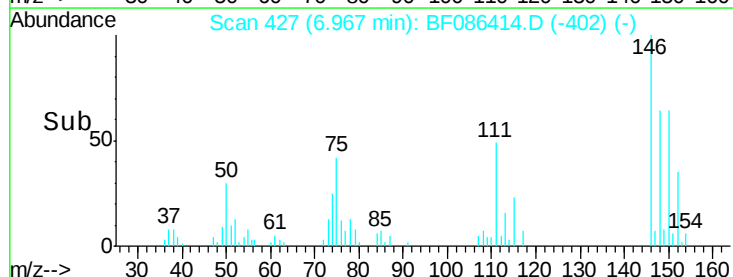
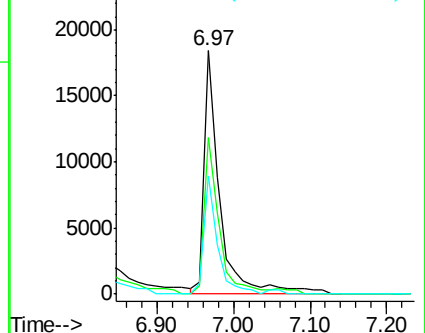
111 48.5 36.2 54.4

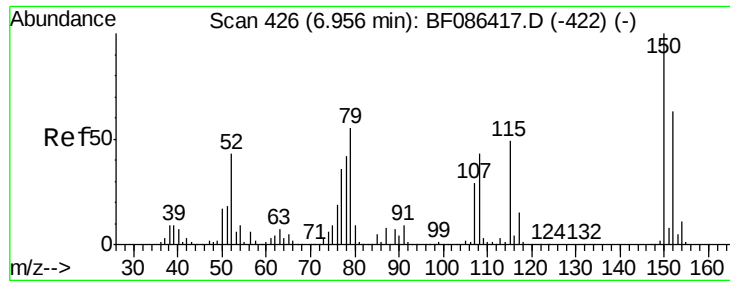


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

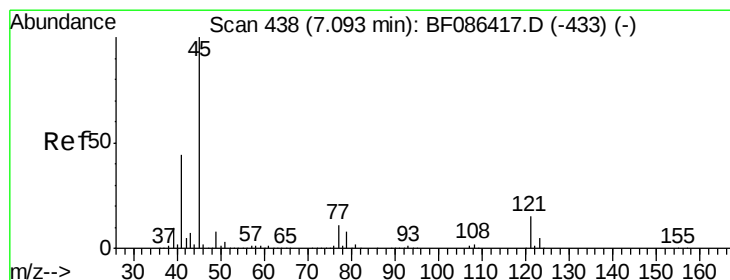
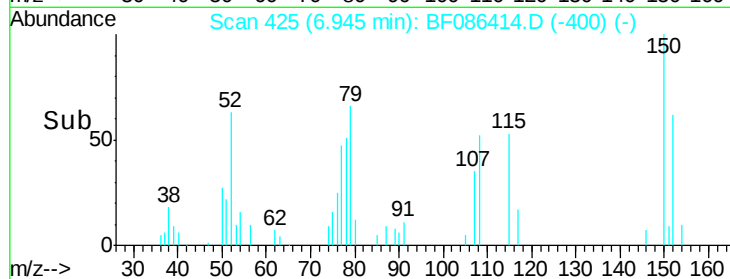
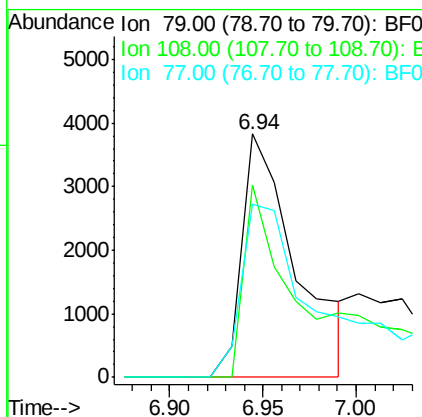
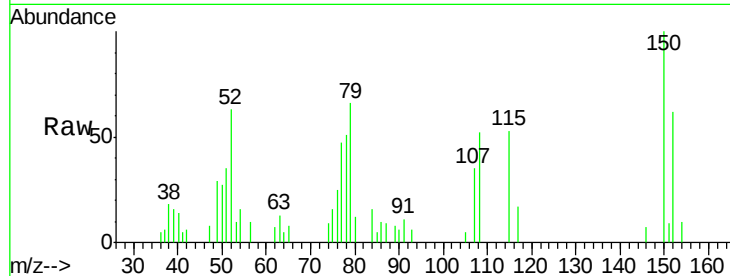




#15
Benzyl Alcohol
Concen: 1.56 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

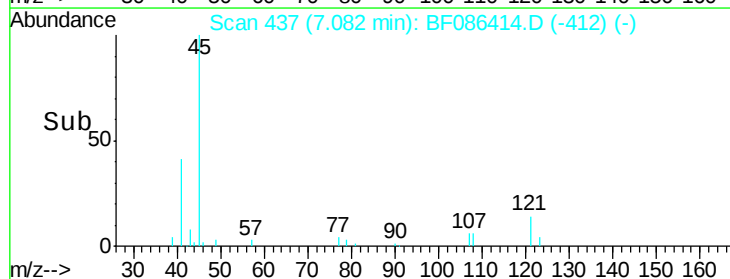
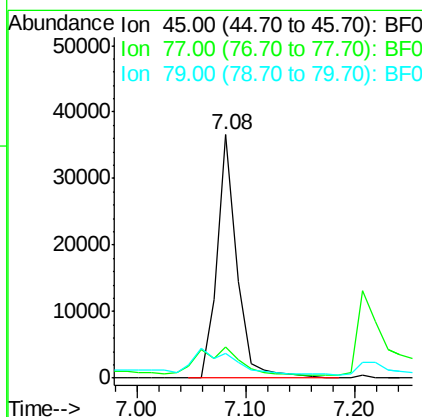
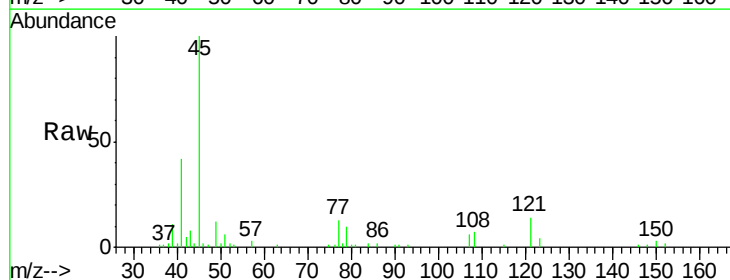
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

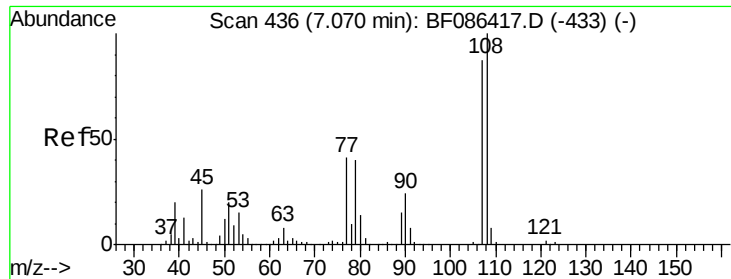
Tot Ion: 79 Resp: 7759
Ion Ratio Lower Upper
79 100
108 79.0 68.4 102.6
77 71.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.16 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion: 45 Resp: 46982
Ion Ratio Lower Upper
45 100
77 13.0 0.0 36.4
79 10.3 0.0 33.4





#17

2-Methylphenol

Concen: 2.44 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:107 Resp: 15020

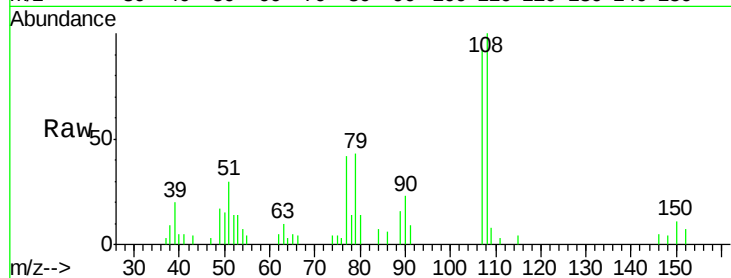
Ion Ratio Lower Upper

107 100

108 109.1 93.7 140.5

77 45.6 33.4 50.0

79 46.8 34.3 51.5

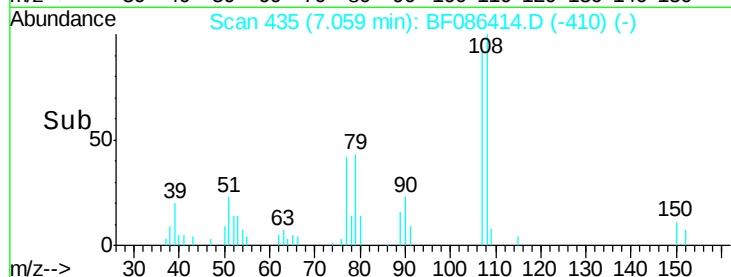


Abundance Ion 107.00 (106.70 to 107.70): E

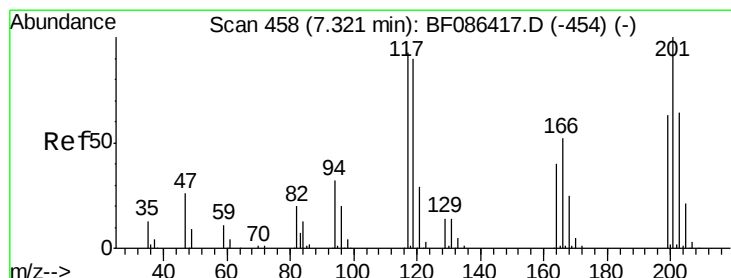
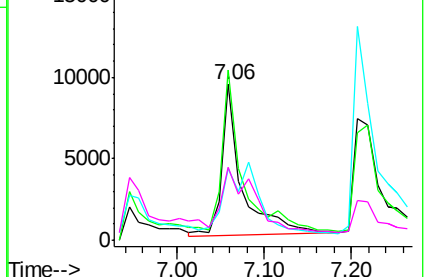
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 3.02 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

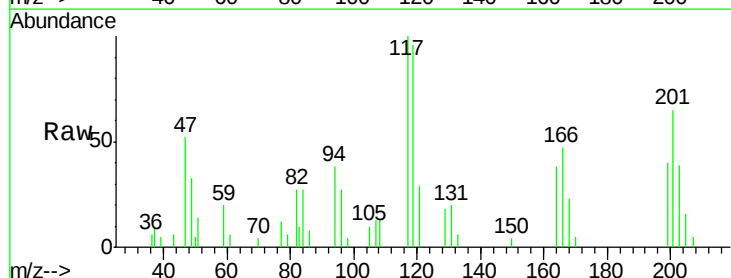
Tgt Ion:117 Resp: 8978

Ion Ratio Lower Upper

117 100

119 96.4 76.5 114.7

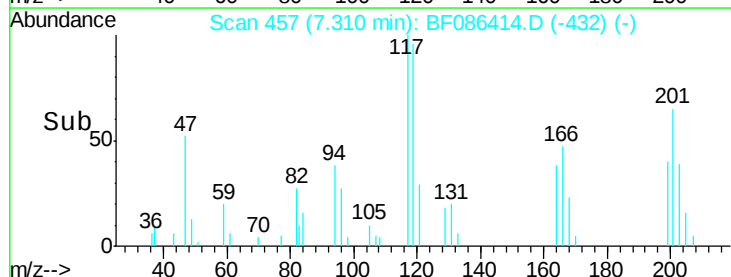
201 64.7 63.0 94.6



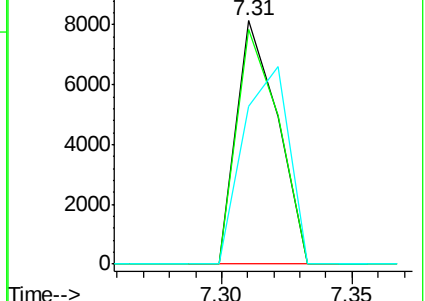
Abundance Ion 117.00 (116.70 to 117.70): E

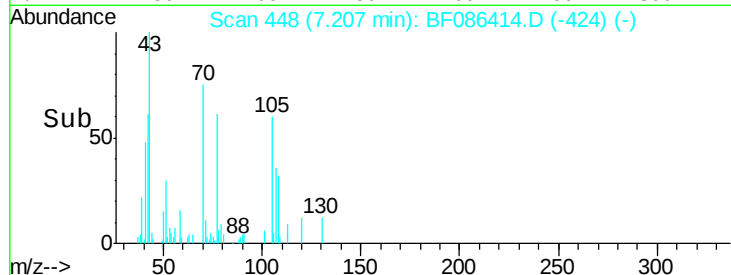
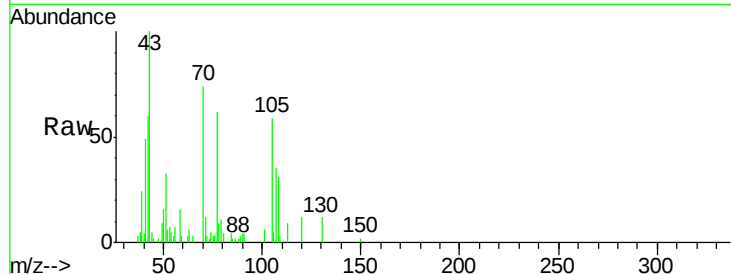
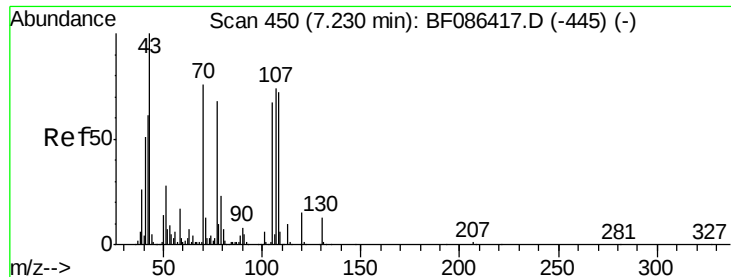
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

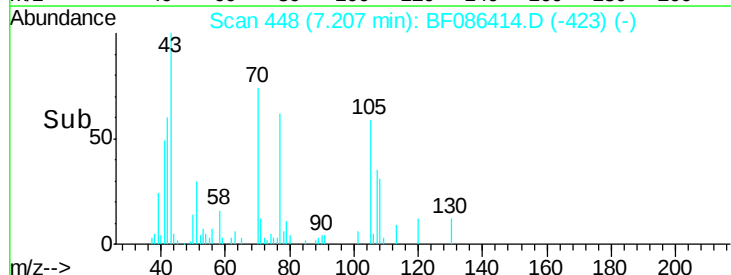
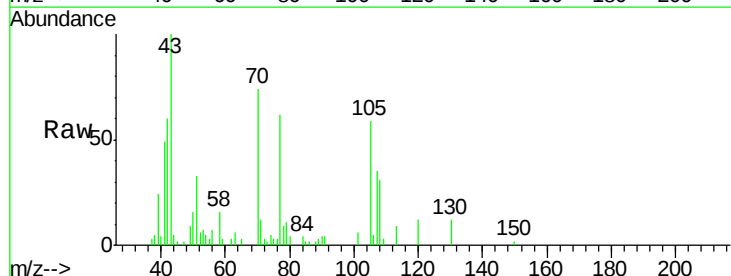
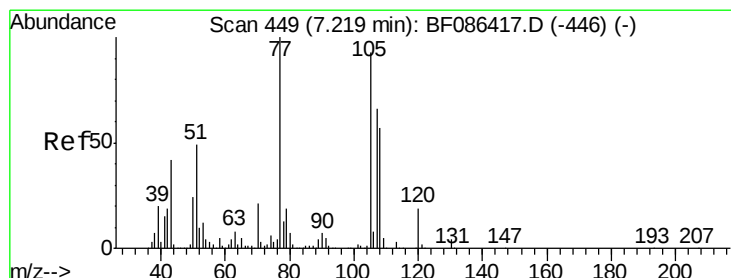
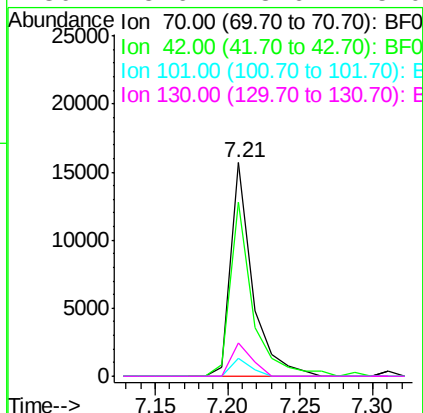




#19
n-Nitroso-di-n-propylamine
Concen: 3.25 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

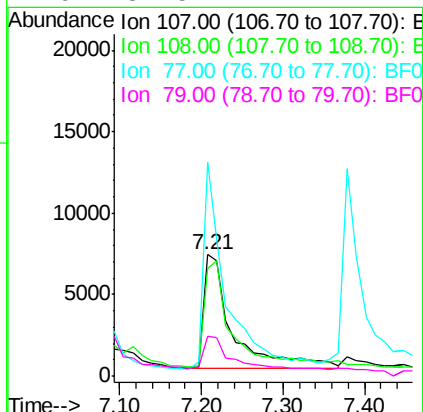
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

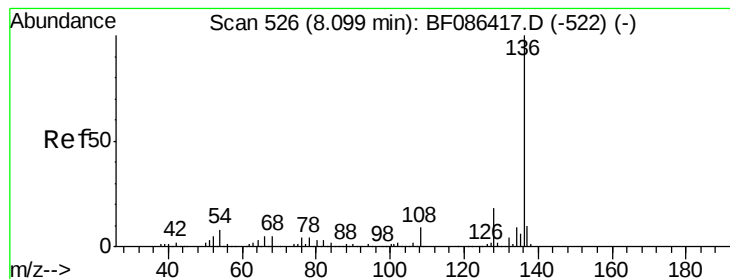
Tot Ion:	70	Resp:	16292
Ion	Ratio	Lower	Upper
70	100		
42	81.6	43.1	64.7#
101	8.4	8.1	12.1
130	15.6	18.6	28.0#



#20
3+4-Methylphenols
Concen: 2.67 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:	107	Resp:	17421
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.5	108.5
77	176.3	101.6	141.6#
79	32.5	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

Tot Ion:136 Resp: 518134

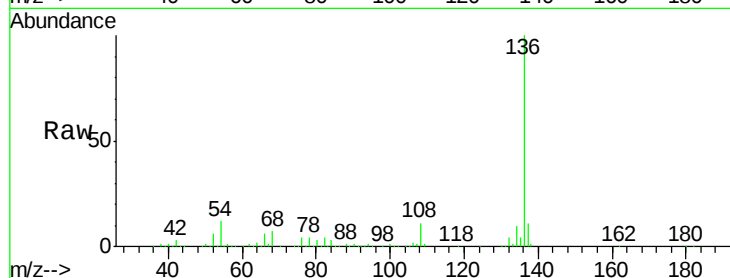
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.7 5.0 7.4#

68 7.4 4.4 6.6#

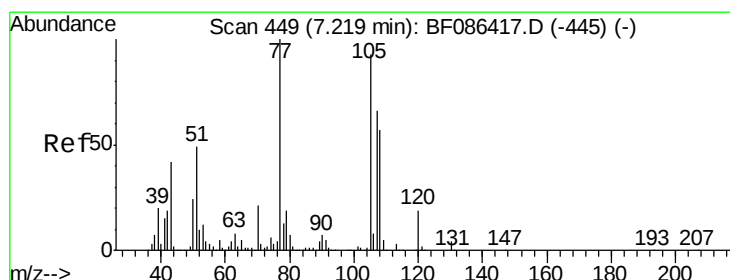
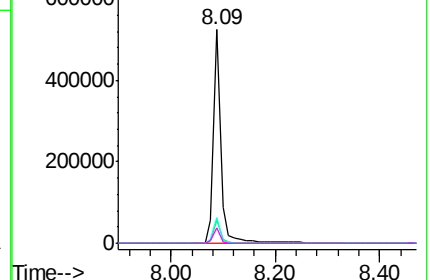
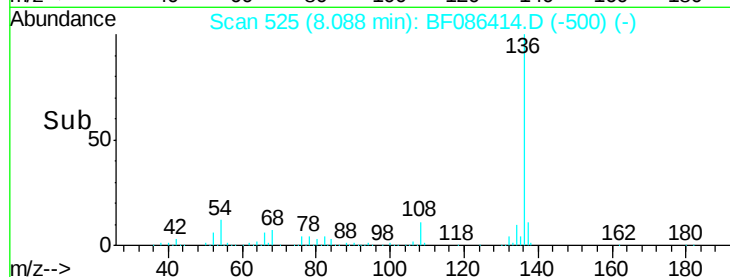


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.46 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Tgt Ion:105 Resp: 26687

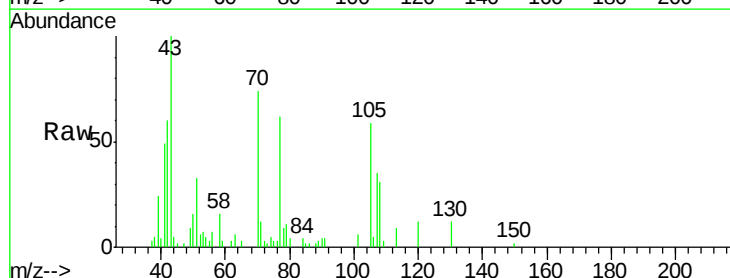
Ion Ratio Lower Upper

105 100

71 21.0 4.8 7.2#

51 56.1 32.6 49.0#

120 20.1 16.5 24.7

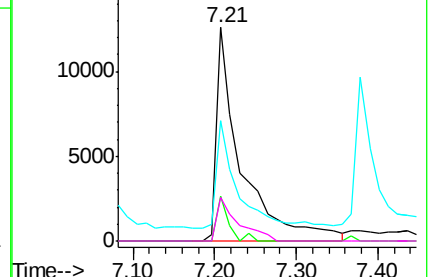
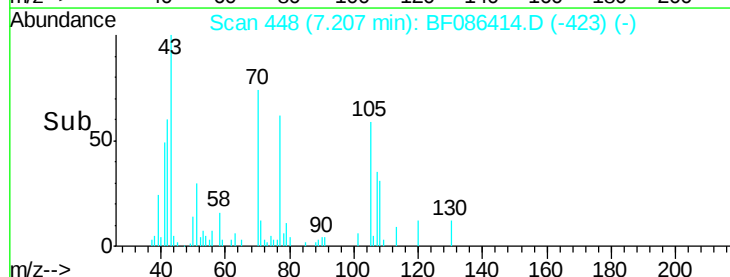


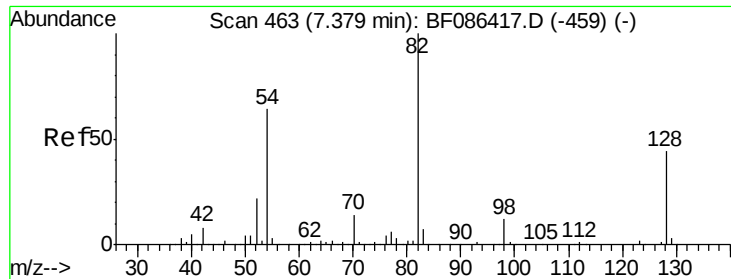
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

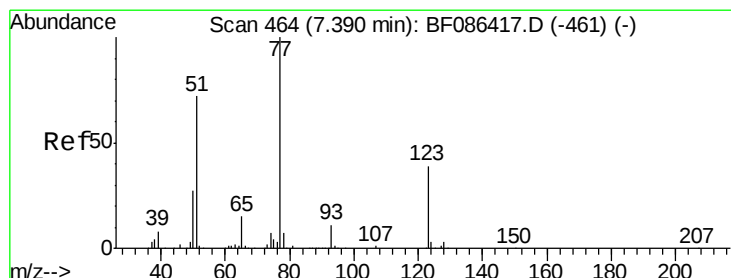
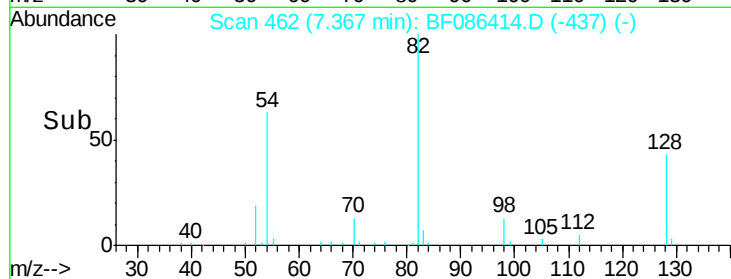
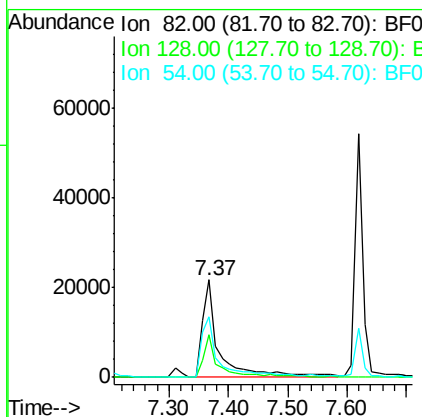
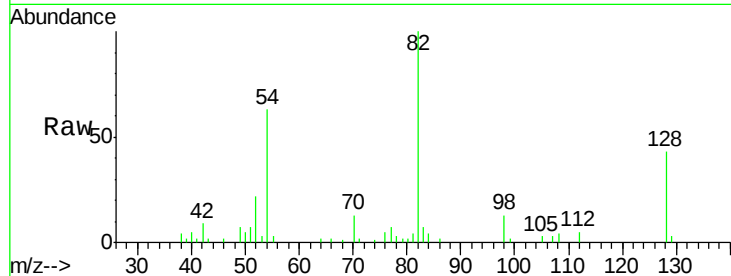




#23
 Nitrobenzene-d5
 Concen: 5.05 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

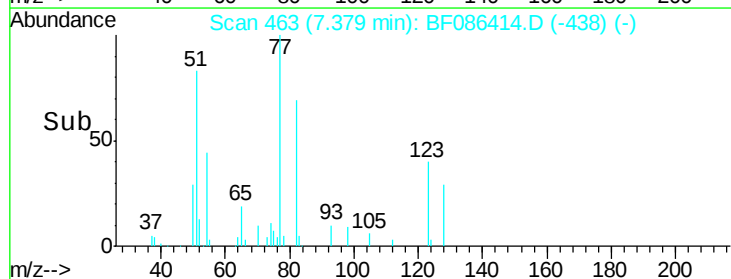
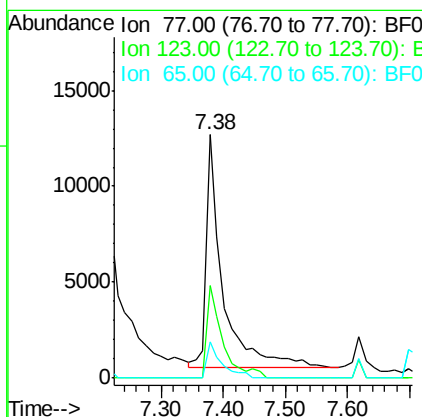
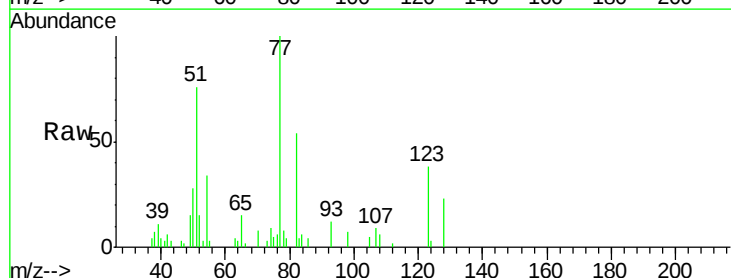
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

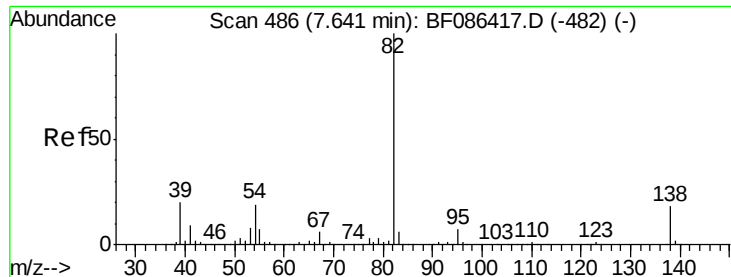
Tot Ion	82	Resp	44130
Ion Ratio	Lower	Upper	
82	100		
128	43.2	40.6	61.0
54	62.8	38.1	57.1



#24
 Nitrobenzene
 Concen: 2.38 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion	77	Resp	22295
Ion Ratio	Lower	Upper	
77	100		
123	38.1	33.0	49.4
65	15.1	10.8	16.2





#25

Isophorone

Concen: 2.80 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

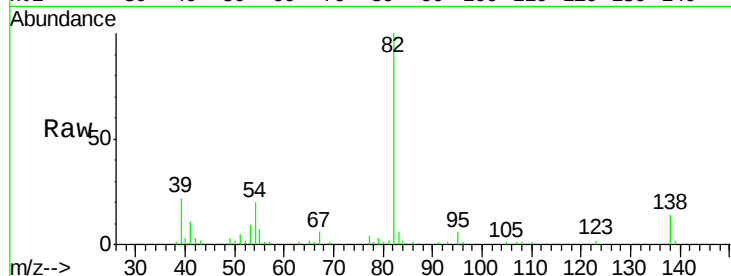
Tot Ion: 82 Resp: 47948

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

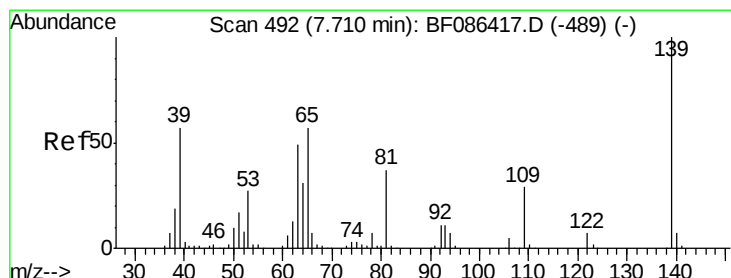
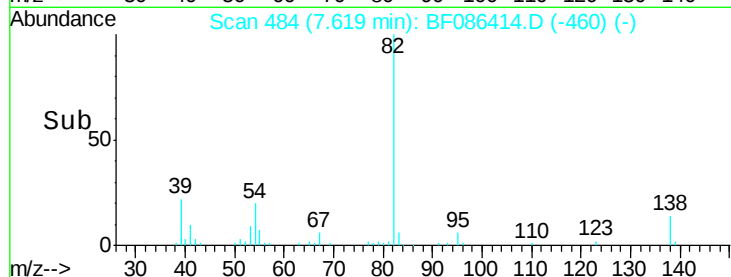
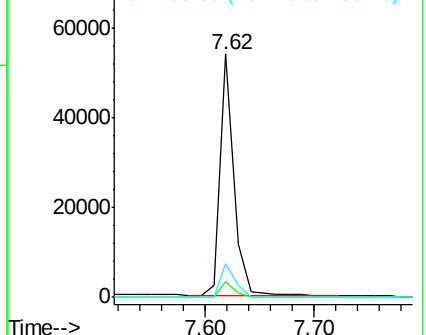
138 13.9 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 1.17 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

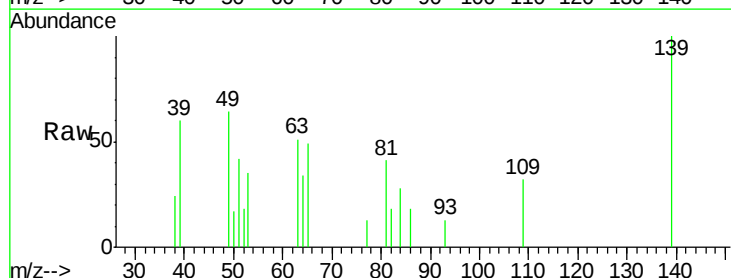
Tgt Ion: 139 Resp: 5407

Ion Ratio Lower Upper

139 100

109 31.6 19.5 29.3#

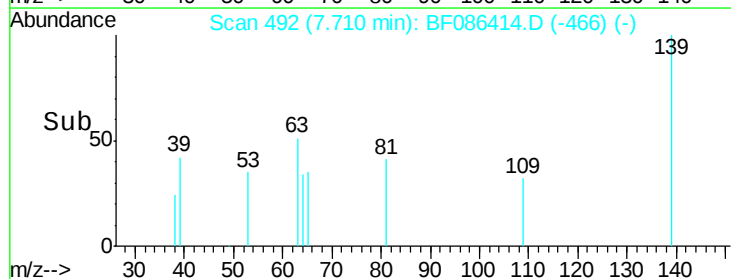
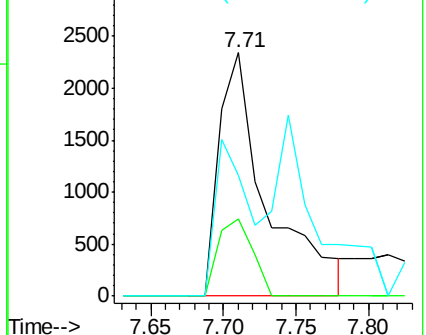
65 49.5 37.5 56.3

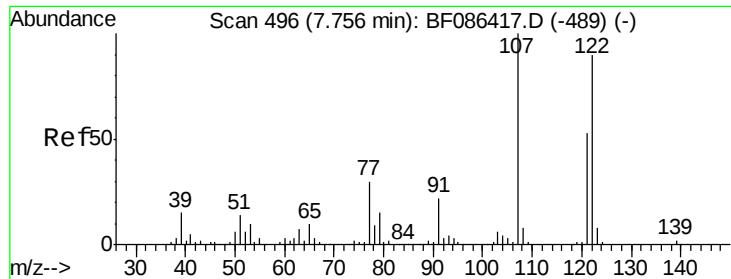


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 2.40 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

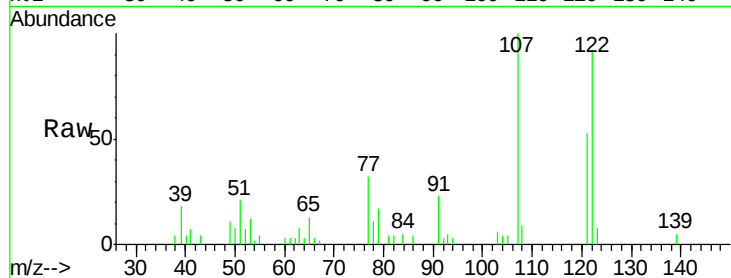
Tot Ion:122 Resp: 19040

Ion Ratio Lower Upper

122 100

107 109.2 82.0 123.0

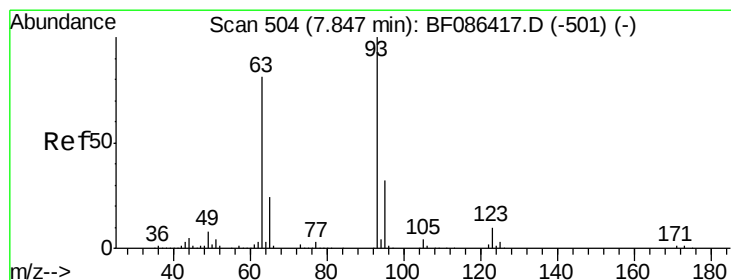
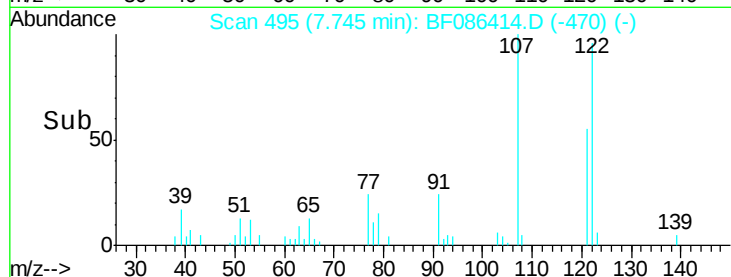
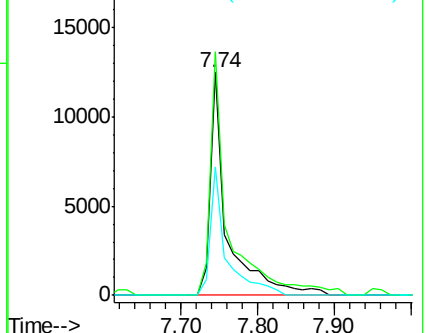
121 57.3 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.55 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

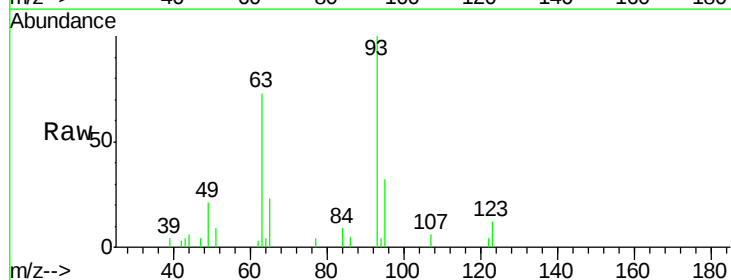
Tgt Ion: 93 Resp: 24386

Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

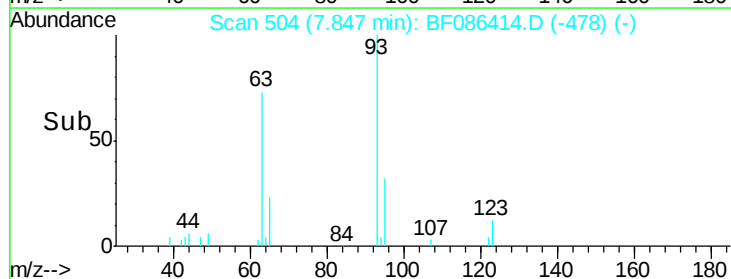
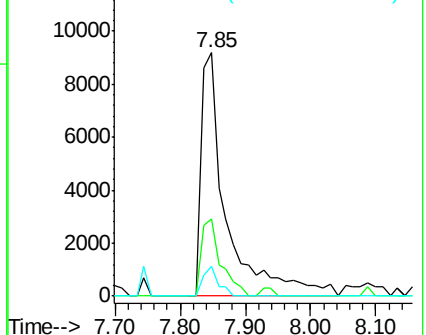
123 12.3 9.5 14.3

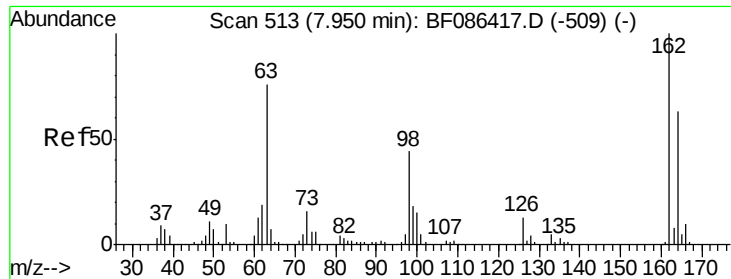


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

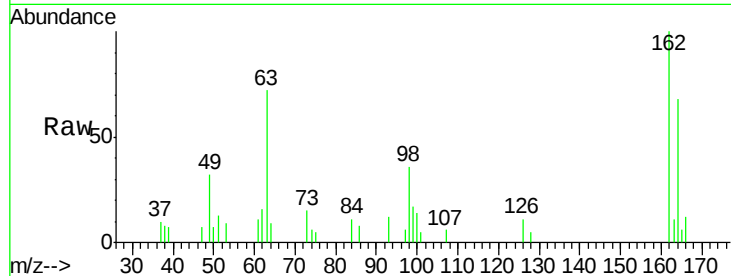




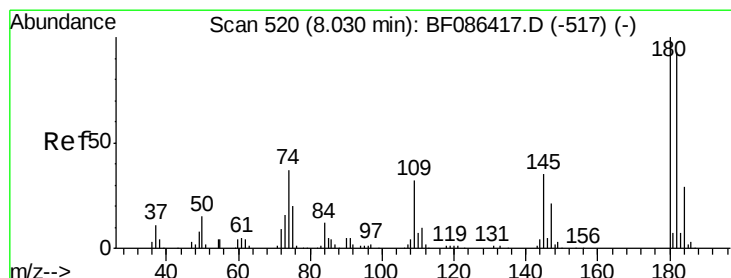
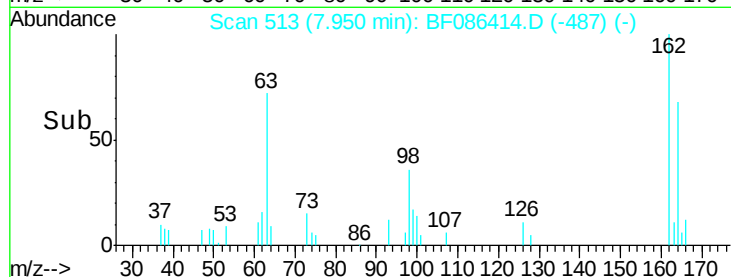
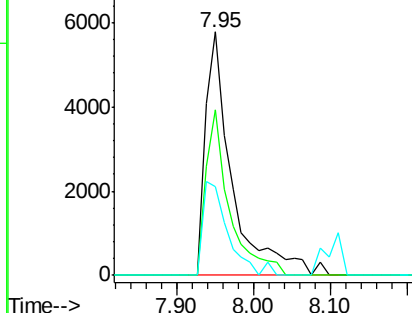
#29
 2,4-Dichlorophenol
 Concen: 2.12 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	42.2	82.2
98	36.2	19.0	59.0

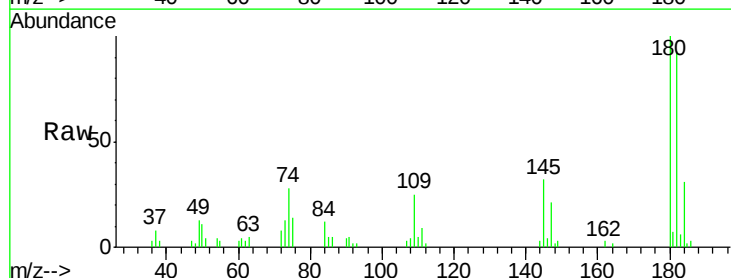


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

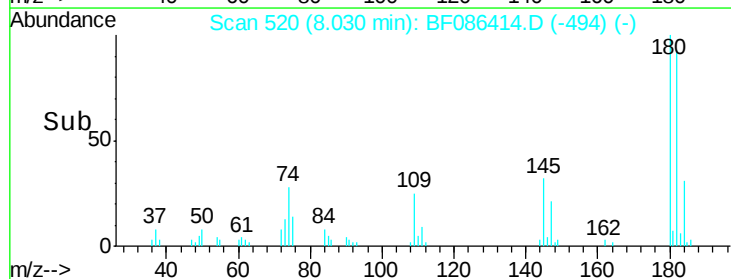
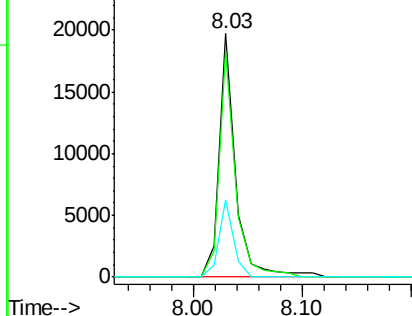


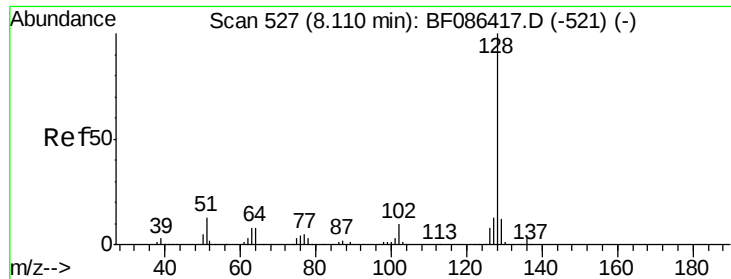
#30
 1,2,4-Trichlorobenzene
 Concen: 2.92 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	78.0	117.0
145	31.6	24.2	36.2



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

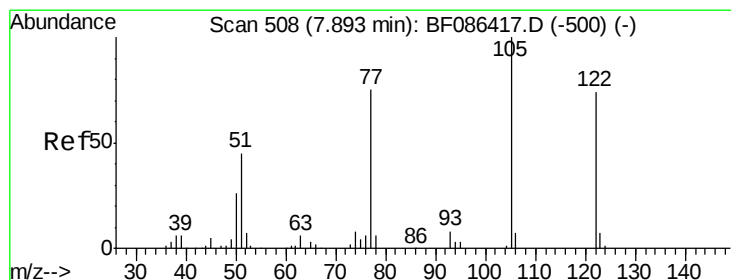
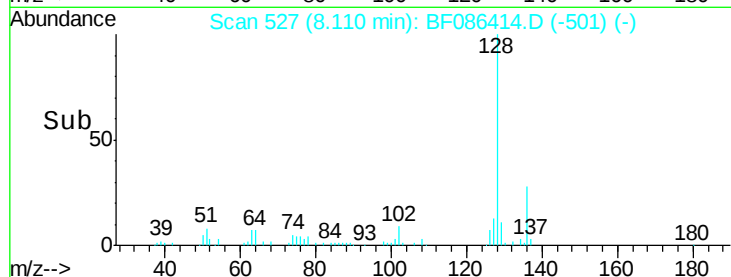
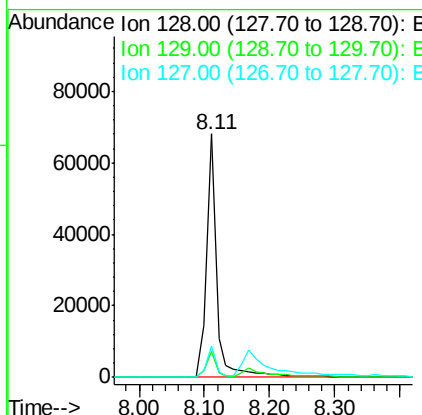
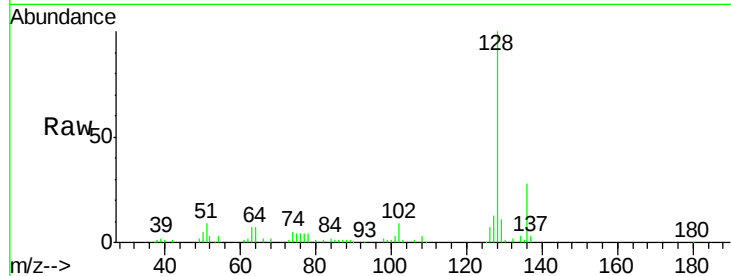




#31
Naphthalene
Concen: 2.84 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

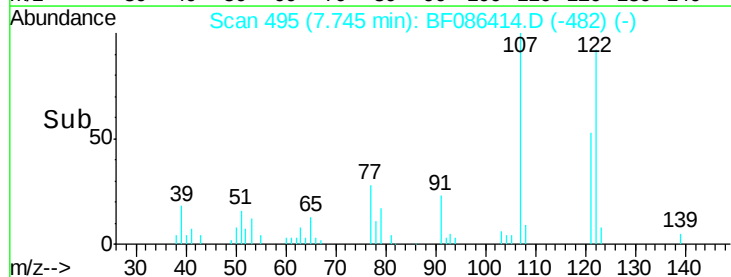
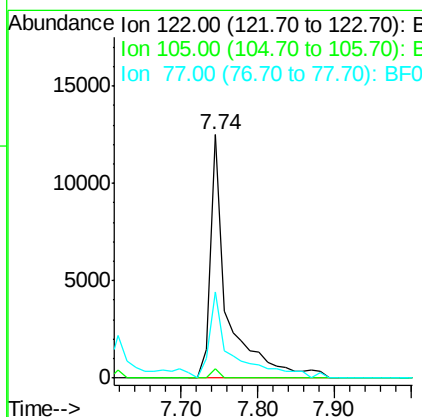
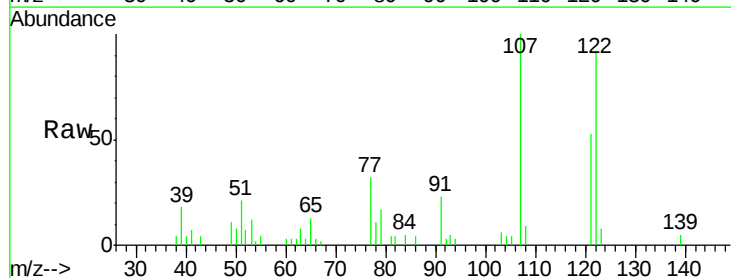
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

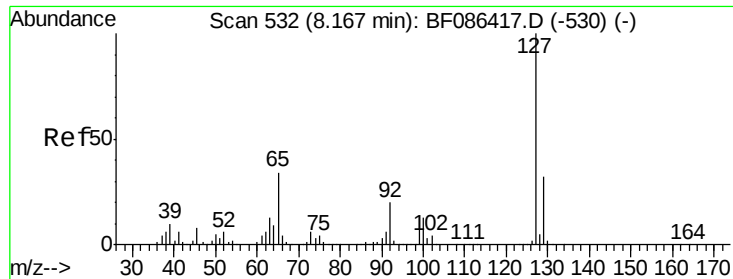
Tot Ion:128 Resp: 74858
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 3.75 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.15 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:122 Resp: 19040
Ion Ratio Lower Upper
122 100
105 4.0 92.6 132.6#
77 35.2 60.0 100.0#

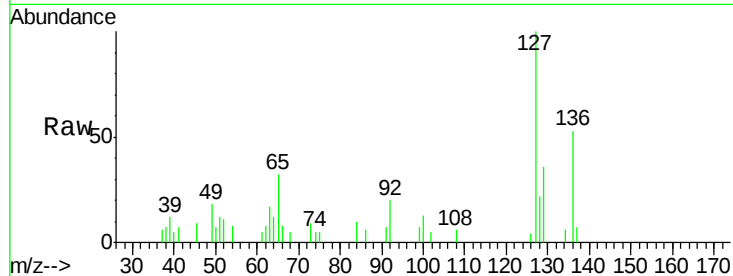




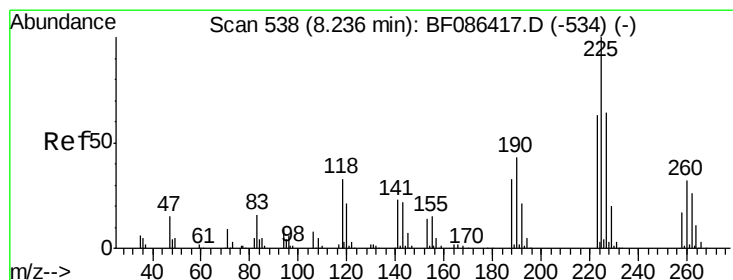
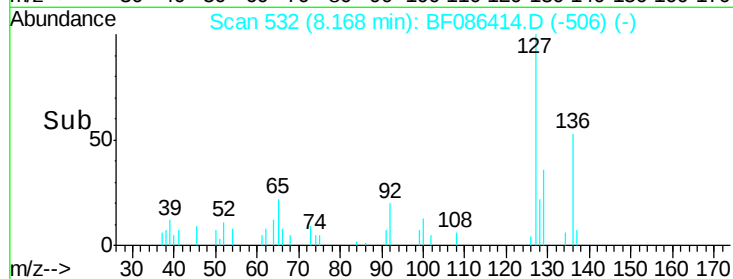
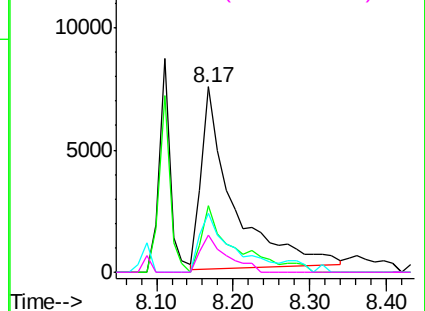
#33
4-Chloroaniline
Concen: 2.07 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion:127	Resp:	21319
Ion Ratio	Lower	Upper
127	100	
129	35.8	26.2 39.4
65	31.8	23.0 34.4
92	20.0	15.1 22.7

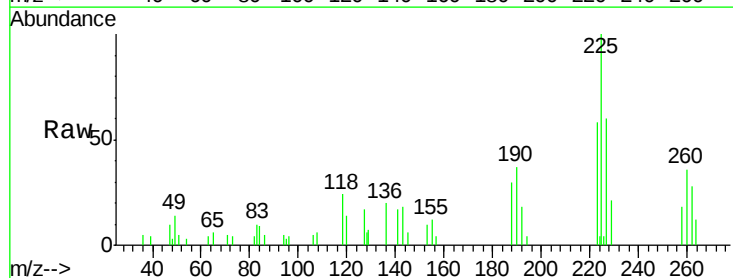


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

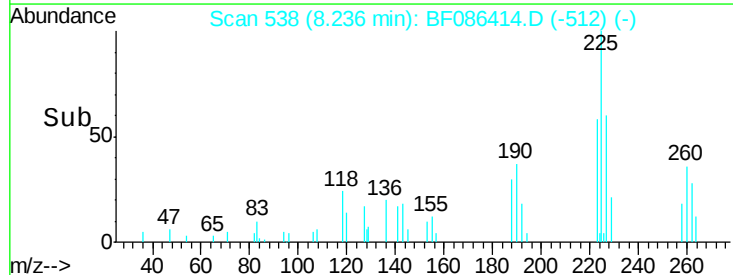
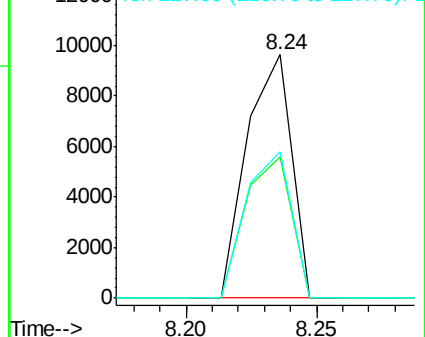


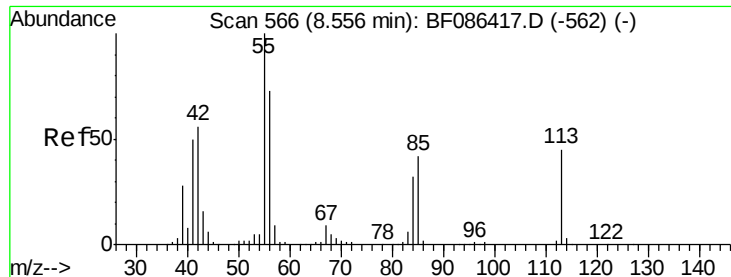
#34
Hexachlorobutadiene
Concen: 3.25 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:225	Resp:	11557
Ion Ratio	Lower	Upper
225	100	
223	58.2	51.5 77.3
227	60.2	52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

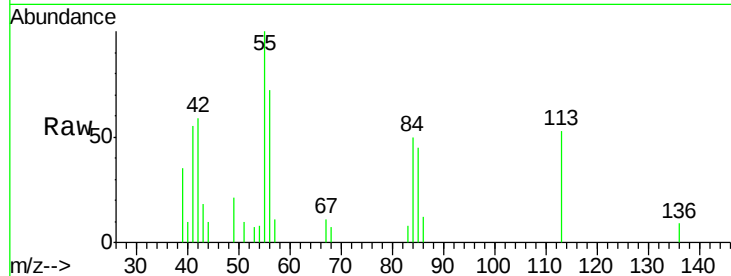




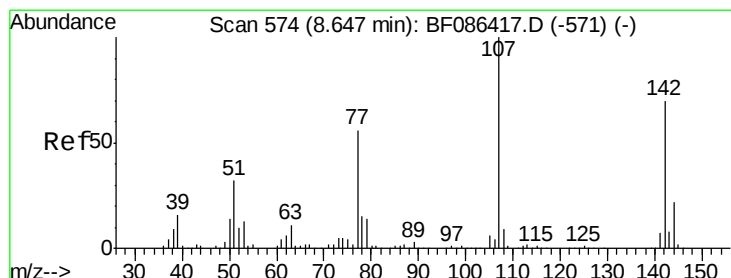
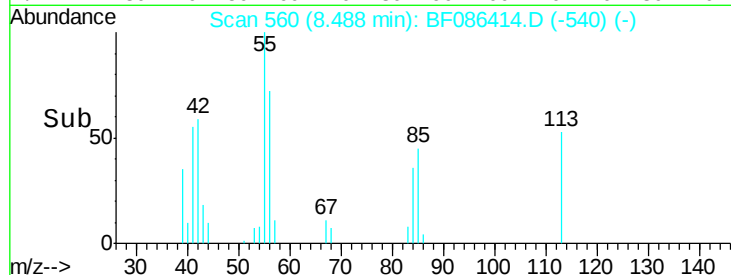
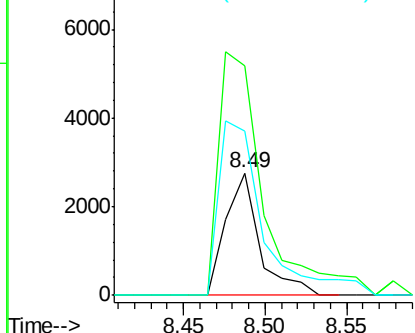
#35
 Caprolactam
 Concen: 1.69 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.07 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:113 Resp: 3969
 Ion Ratio Lower Upper
 113 100
 55 187.5 162.0 202.0
 56 134.1 115.3 155.3

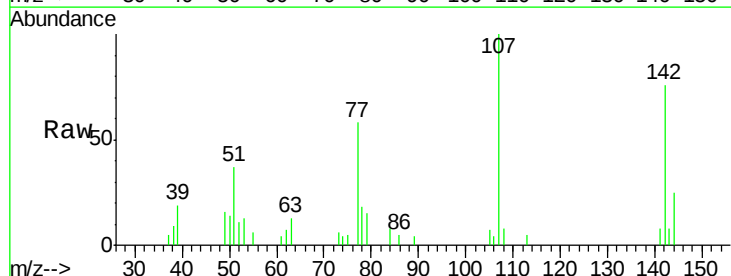


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

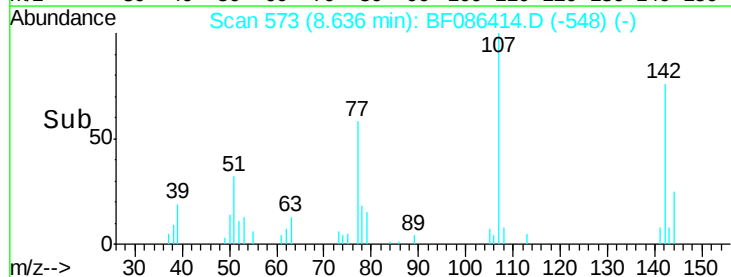
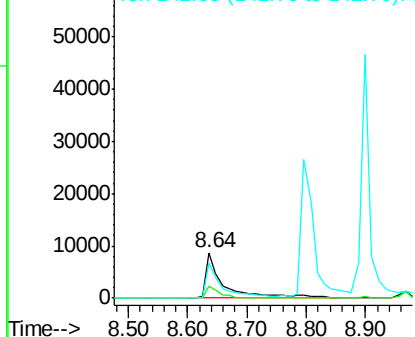


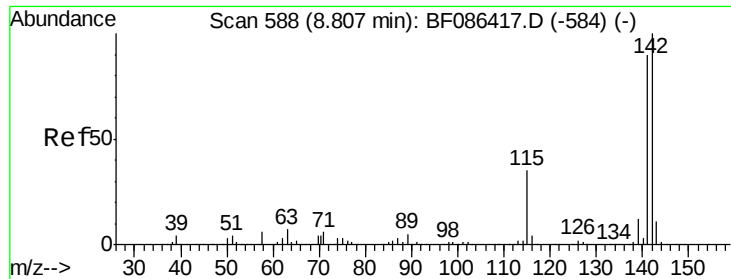
#36
 4-Chloro-3-methylphenol
 Concen: 2.36 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion:107 Resp: 18397
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.7 31.1
 142 76.3 63.2 94.8



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

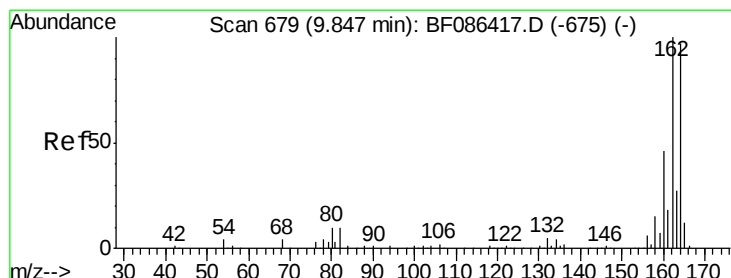
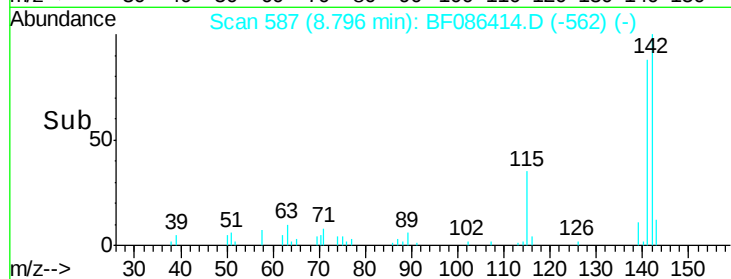
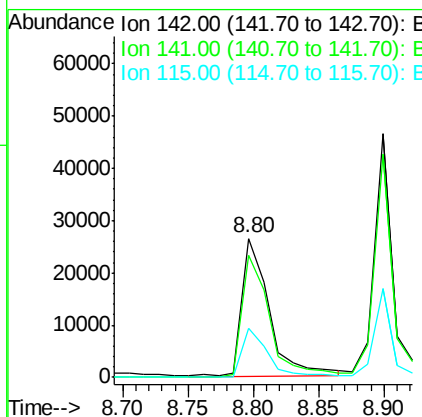
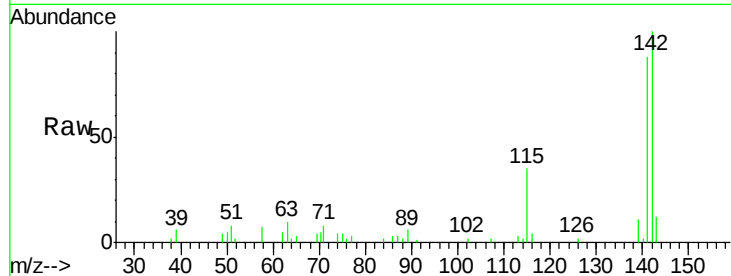




#37
 2-Methylnaphthalene
 Concen: 2.58 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

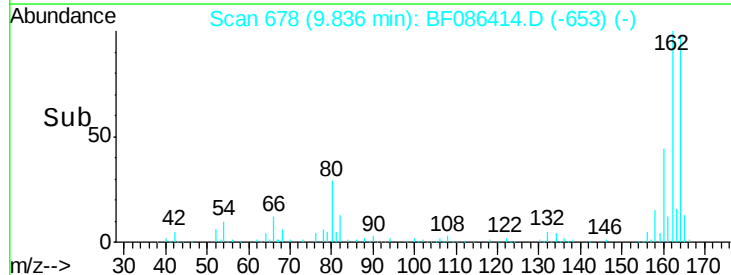
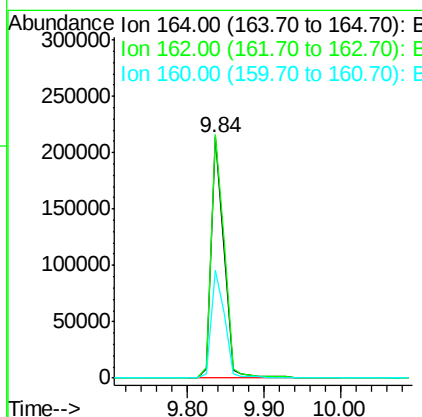
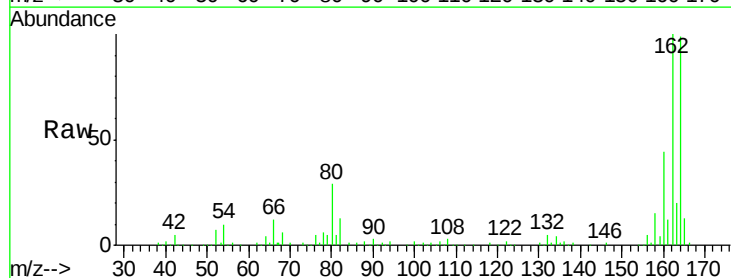
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

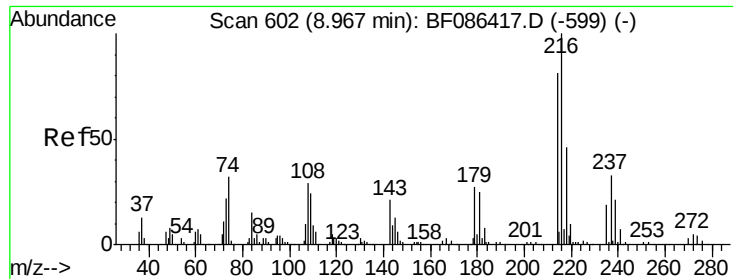
Tot Ion:142 Resp: 39246
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.0 106.6
 115 35.2 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion:164 Resp: 244722
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.8 124.2
 160 44.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.03 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:216 Resp: 19215

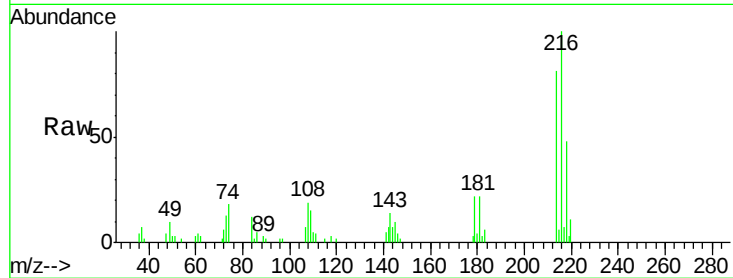
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 19.2 18.2 27.4

108 19.1 17.5 26.3

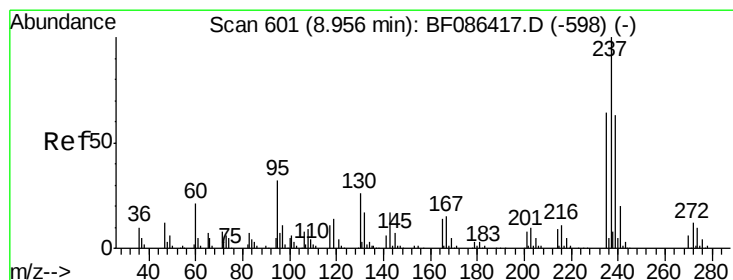
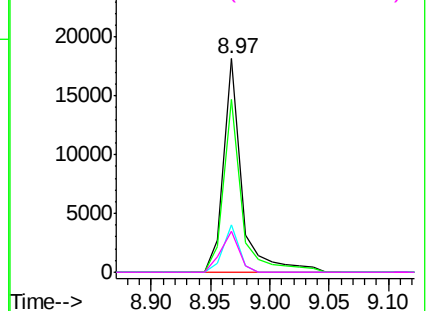
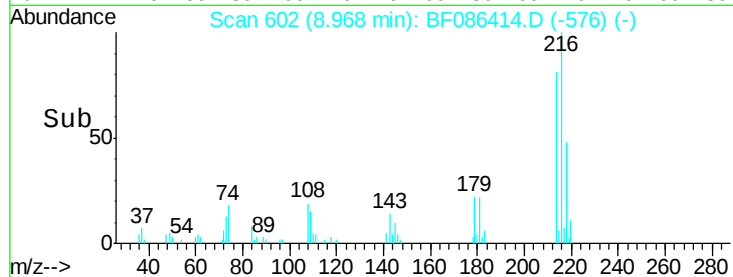


Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.67 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

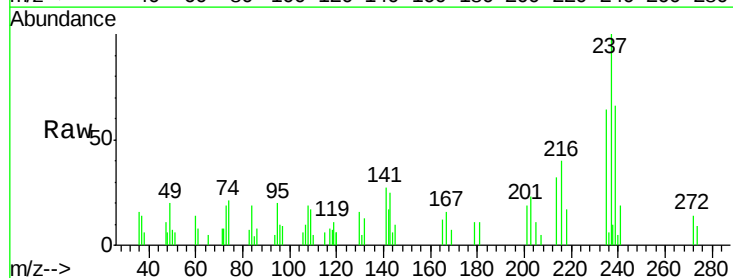
Tgt Ion:237 Resp: 5161

Ion Ratio Lower Upper

237 100

235 64.4 47.2 87.2

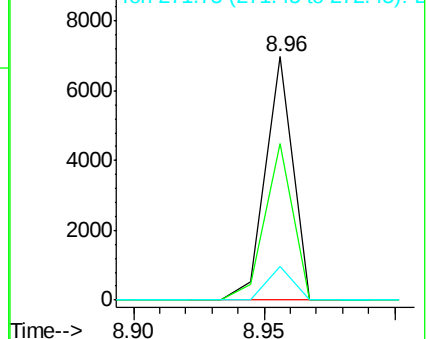
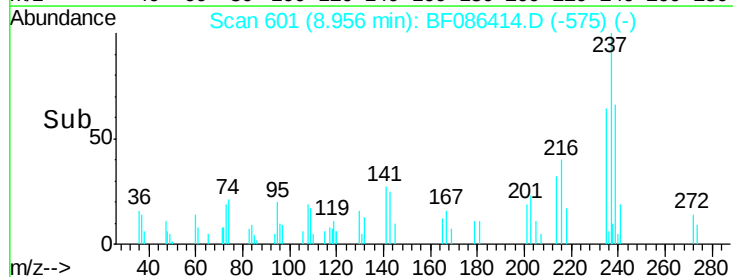
272 13.9 0.0 31.1

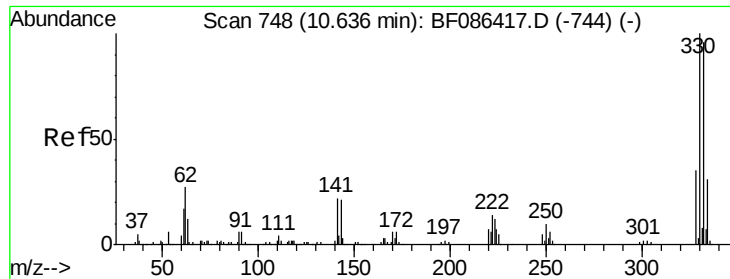


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

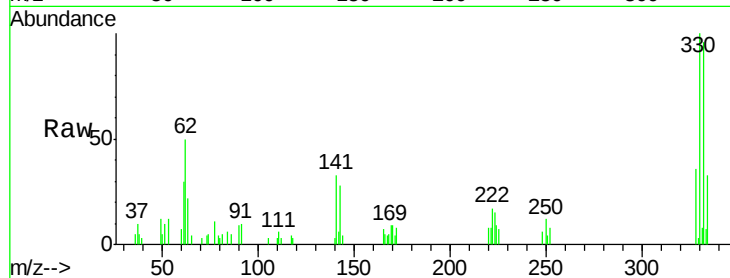




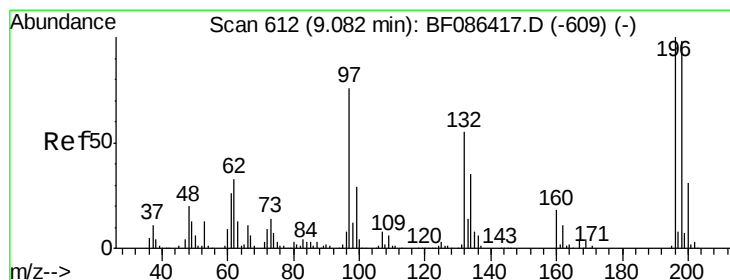
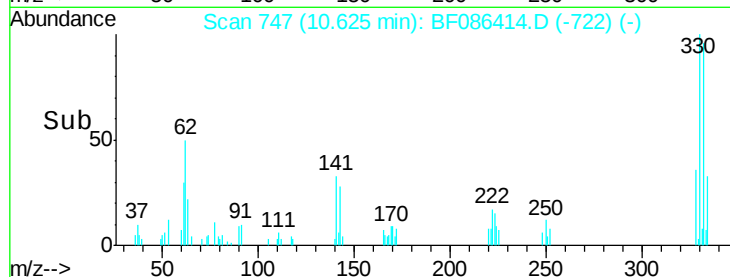
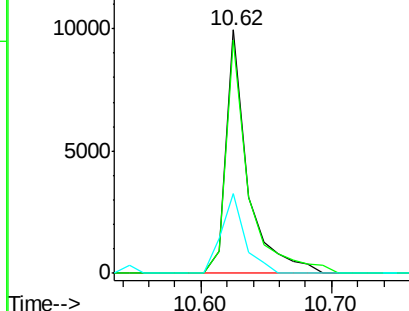
#41
 2,4,6-Tribromophenol
 Concen: 5.23 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	330	Resp	11580
Ion Ratio	100	Lower	Upper
330	100		
332	99.0	79.0	118.4
141	35.2	31.2	46.8

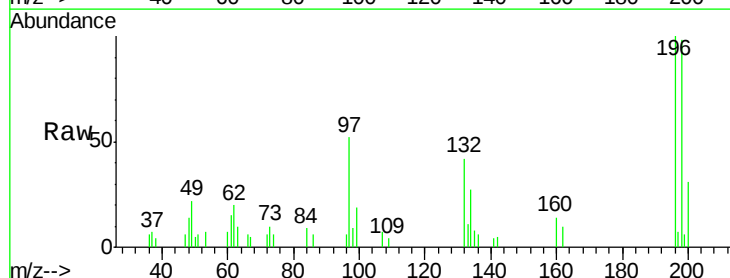


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

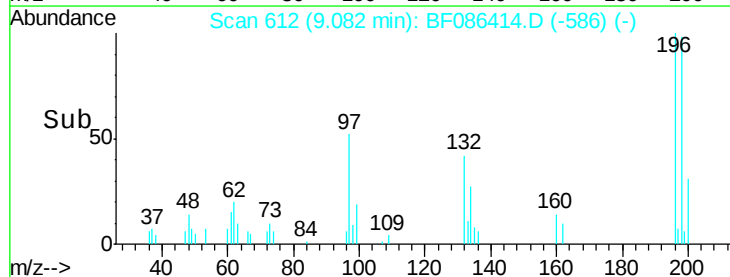
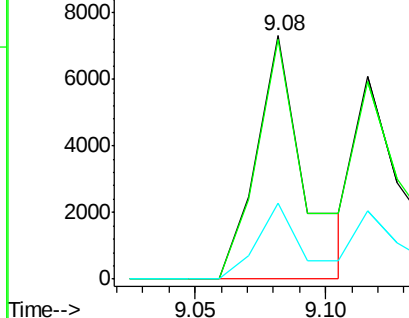


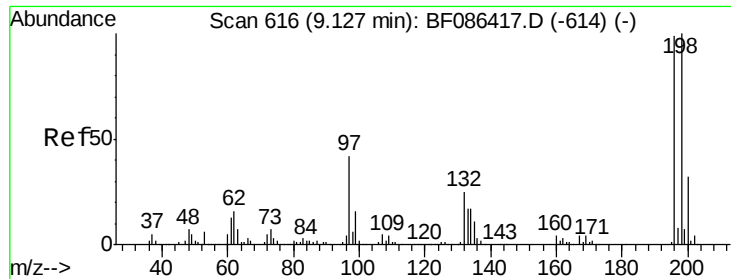
#42
 2,4,6-Trichlorophenol
 Concen: 2.26 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion	196	Resp	9387
Ion Ratio	100	Lower	Upper
196	100		
198	98.3	74.7	112.1
200	31.2	23.8	35.6



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

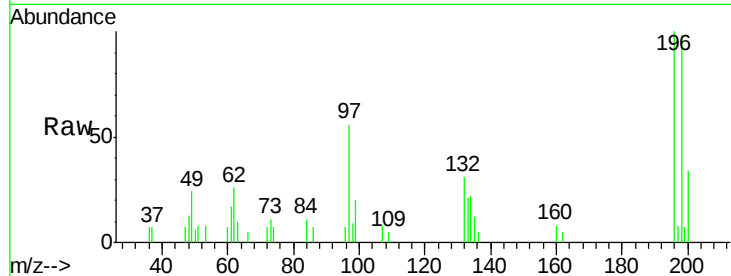




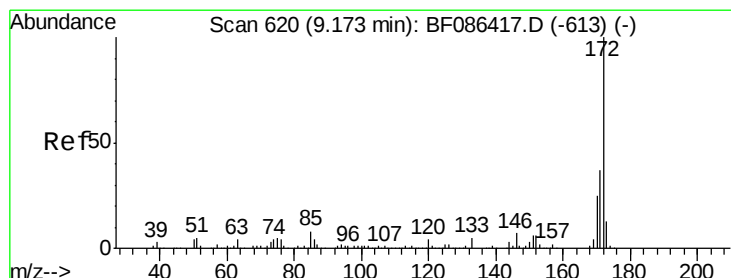
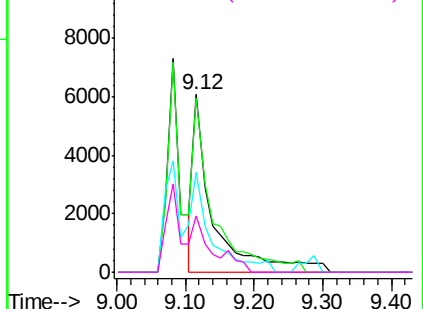
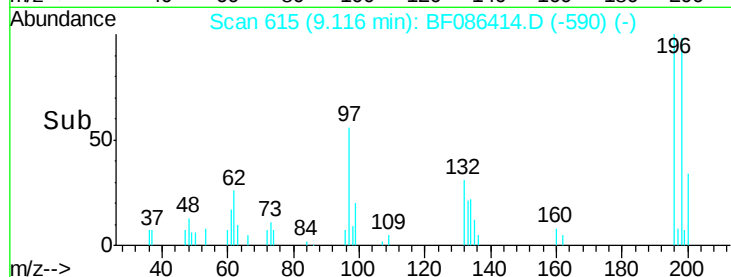
#43
 2,4,5-Trichlorophenol
 Concen: 2.39 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:	196	Resp:	12197
Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.5	116.3
97	56.5	34.8	52.2#
132	31.5	23.0	34.4

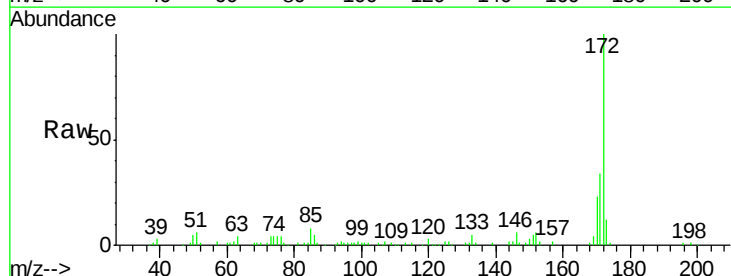


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

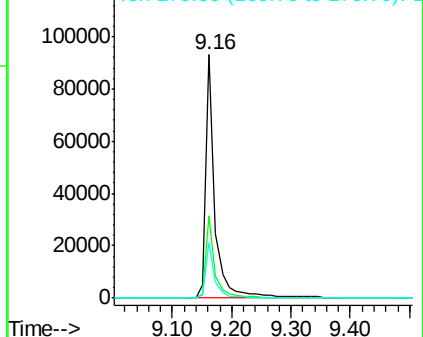
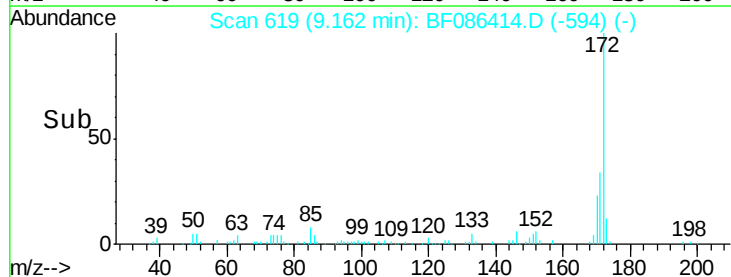


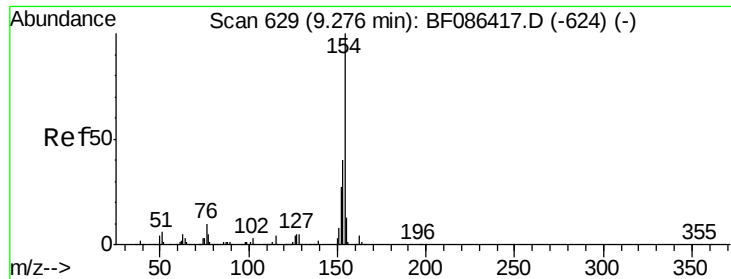
#44
 2-Fluorobiphenyl
 Concen: 7.24 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion:	172	Resp:	103849
Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.0	43.6
170	22.7	19.8	29.8



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: 3.11 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

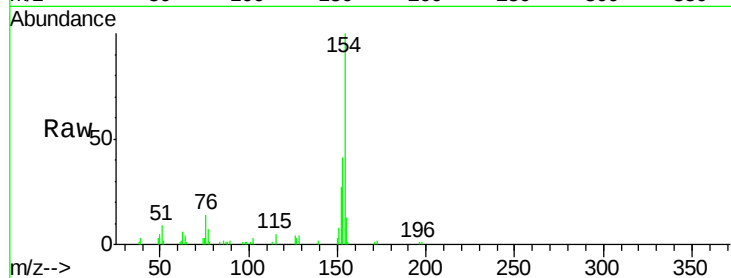
Tot Ion:154 Resp: 59025

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

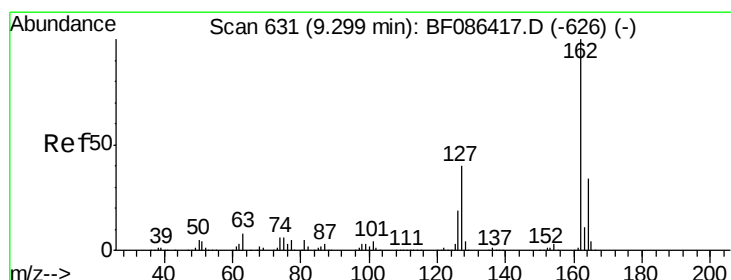
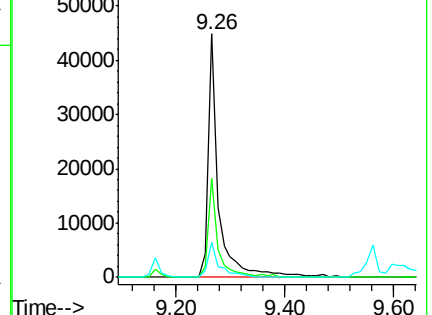
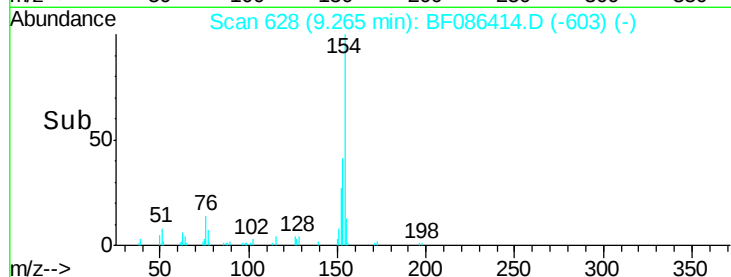
76 14.3 0.0 30.2



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: 2.89 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

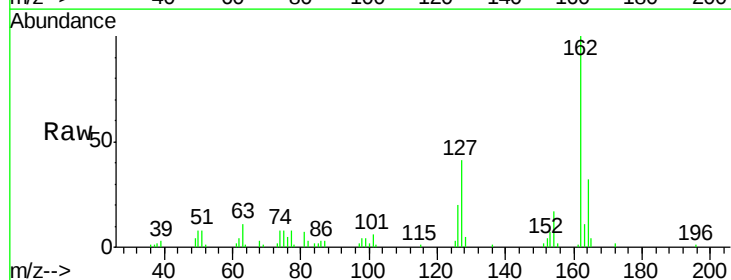
Tgt Ion:162 Resp: 43356

Ion Ratio Lower Upper

162 100

127 40.6 31.8 47.6

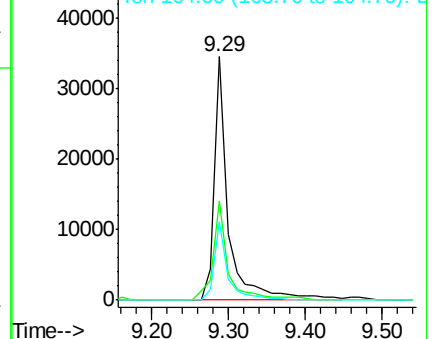
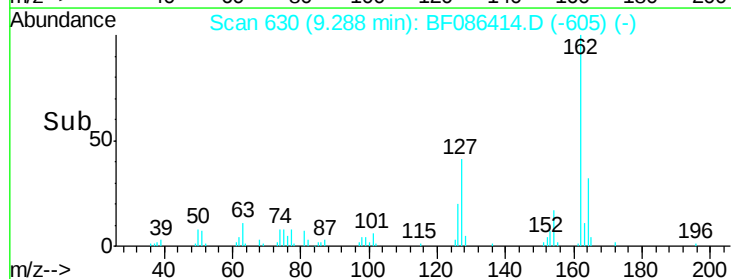
164 32.1 27.0 40.6

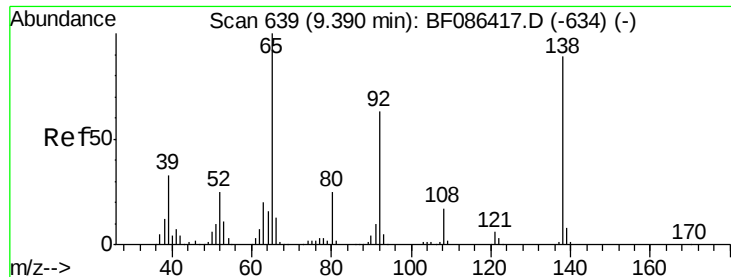


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 2.14 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

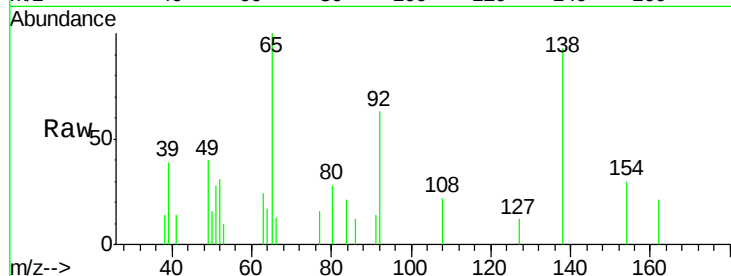
Tot Ion: 65 Resp: 10028

Ion Ratio Lower Upper

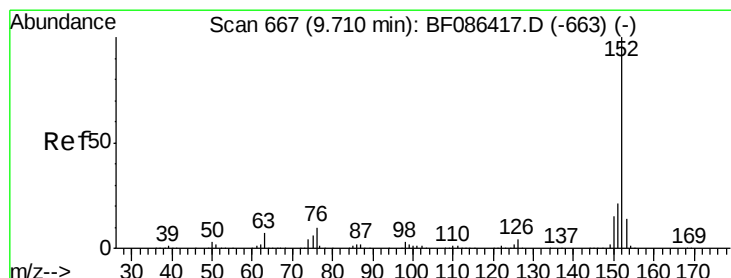
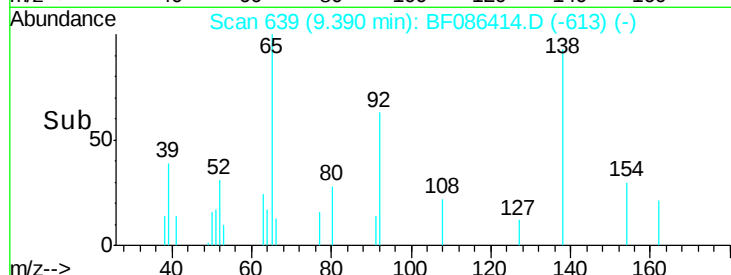
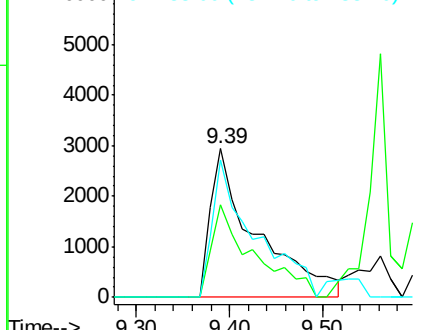
65 100

92 62.7 57.4 86.2

138 92.8 90.1 135.1



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): E



#48

Acenaphthylene

Concen: 3.05 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

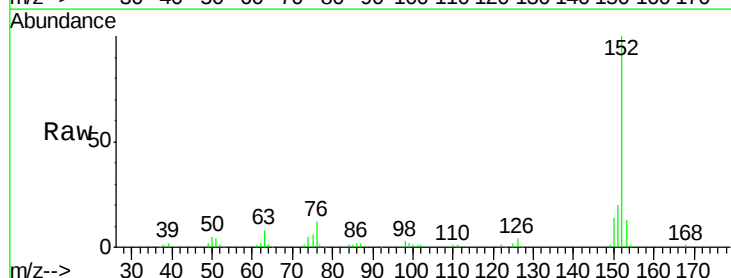
Tgt Ion: 152 Resp: 74307

Ion Ratio Lower Upper

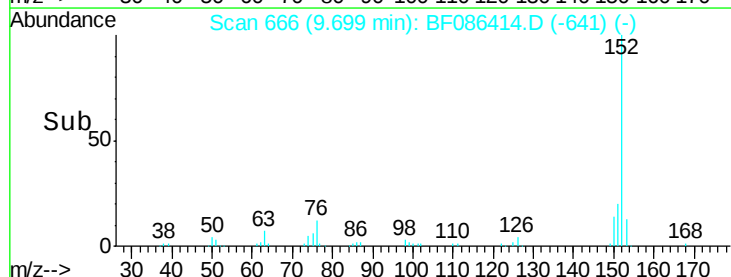
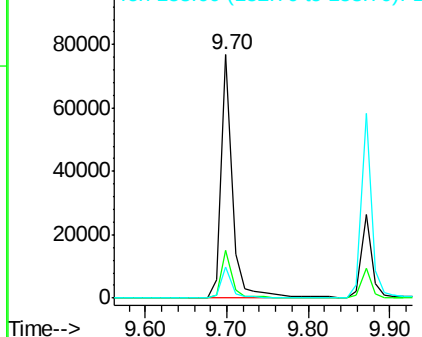
152 100

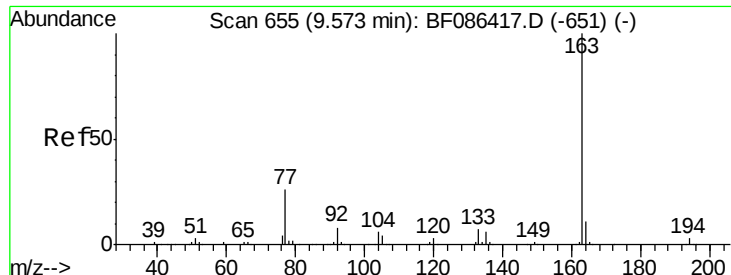
151 19.7 16.8 25.2

153 12.9 10.9 16.3



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

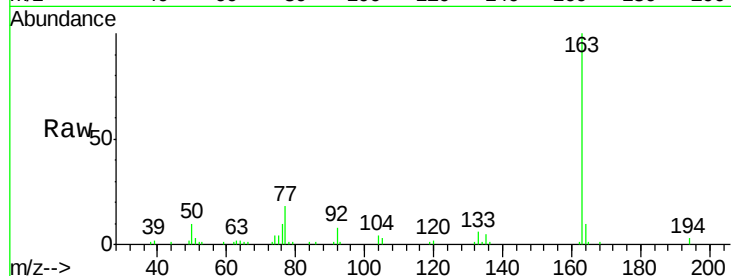




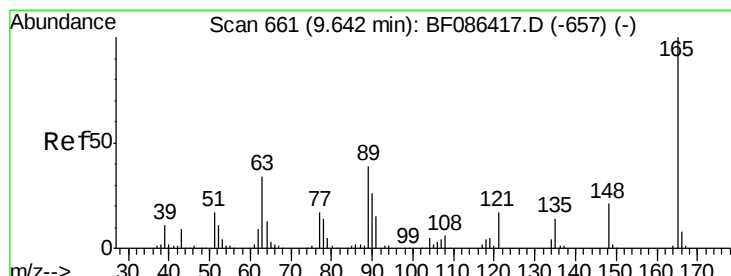
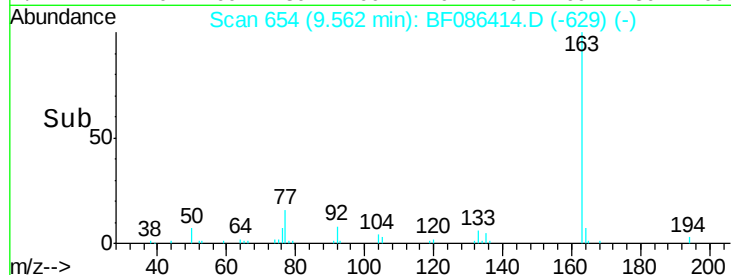
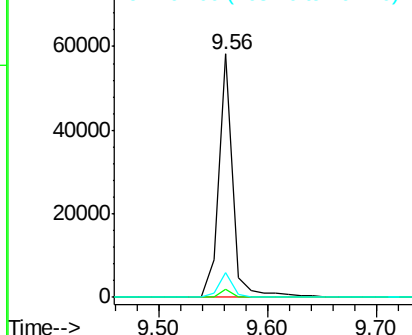
#49
Dimethylphthalate
Concen: 2.99 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

Tot Ion:163 Resp: 52843
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.2 12.4

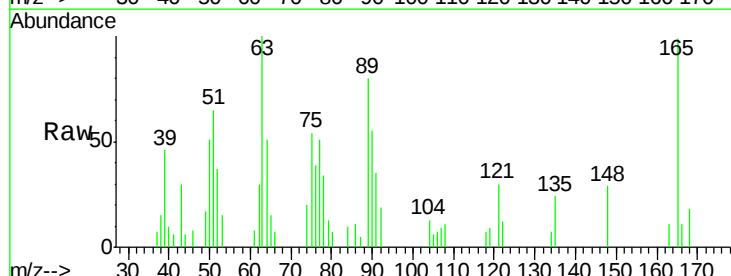


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

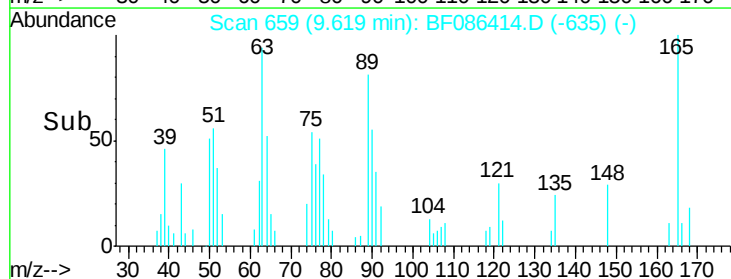
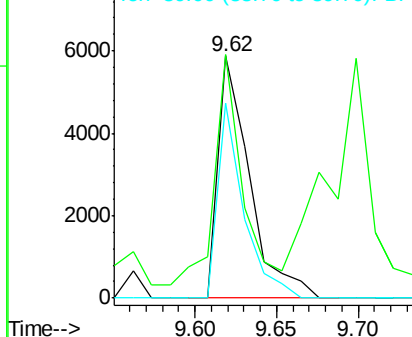


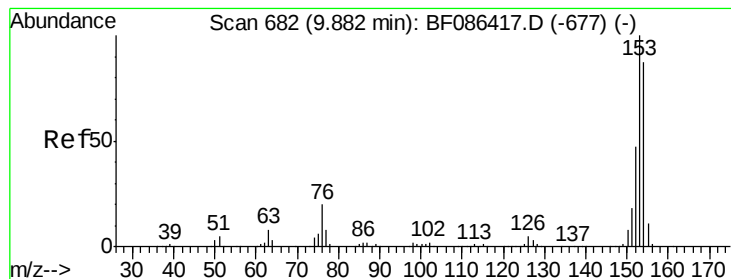
#50
2,6-Dinitrotoluene
Concen: 2.05 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:165 Resp: 7842
Ion Ratio Lower Upper
165 100
63 100.6 51.8 77.8#
89 80.6 50.7 76.1#



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: 3.05 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

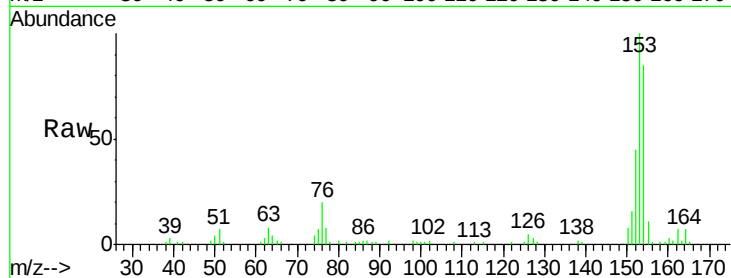
Tot Ion:154 Resp: 45717

Ion Ratio Lower Upper

154 100

153 117.6 89.8 134.6

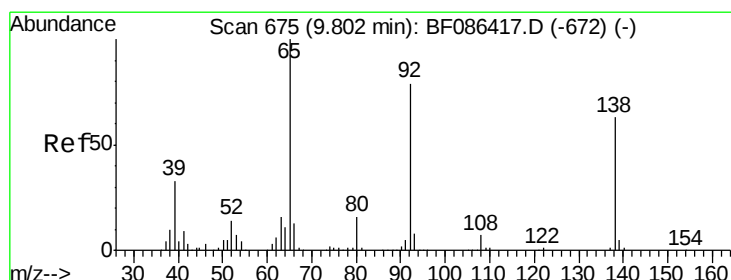
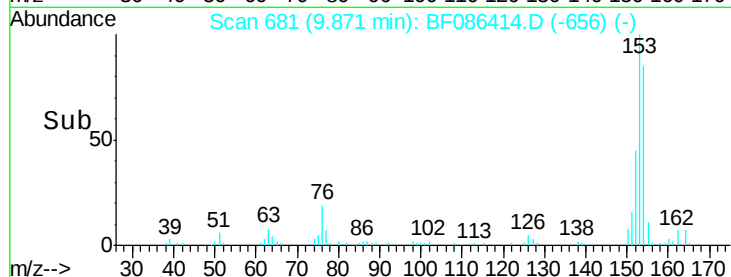
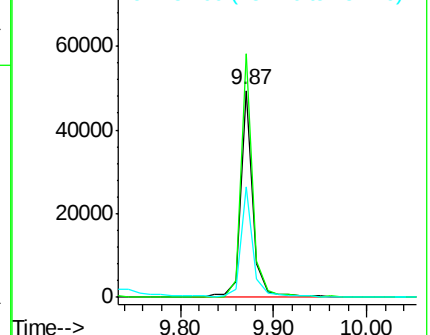
152 53.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 1.90 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

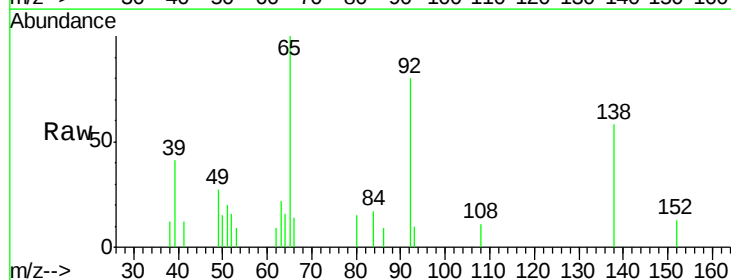
Tgt Ion:138 Resp: 9084

Ion Ratio Lower Upper

138 100

108 18.6 7.8 11.6#

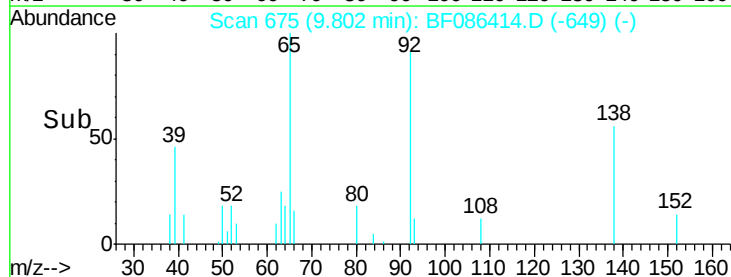
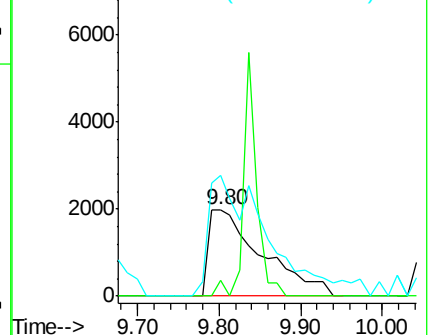
92 138.6 87.8 131.8#

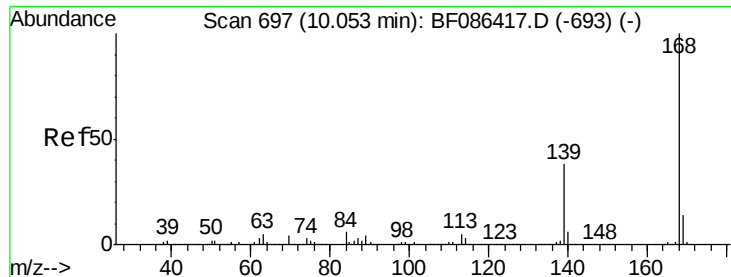


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

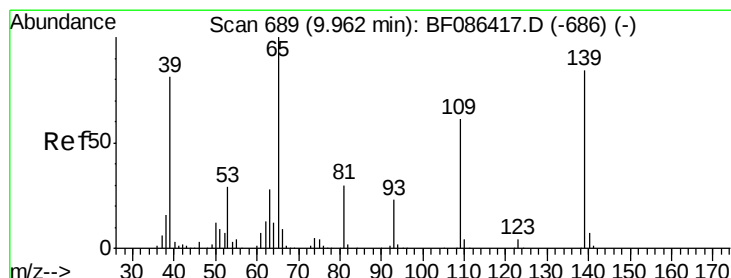
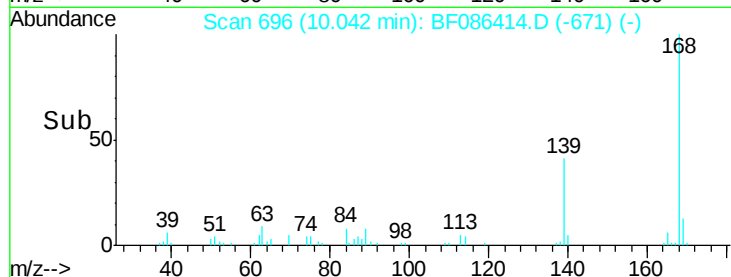
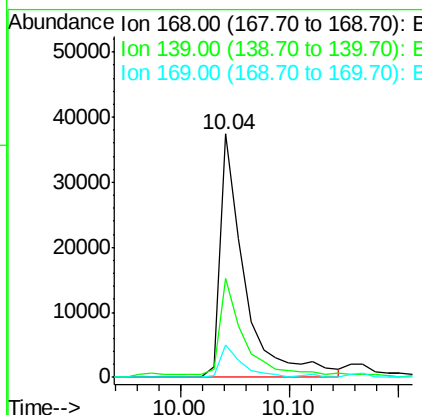
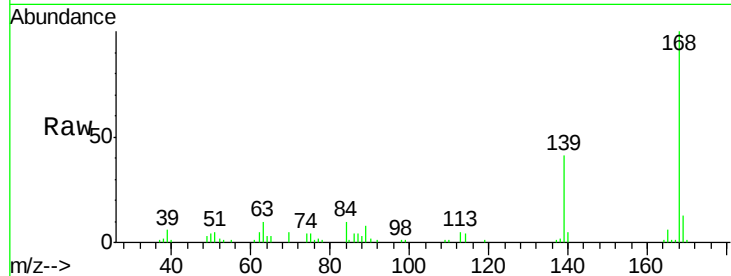




#54
Dibenzenofuran
Concen: 3.04 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

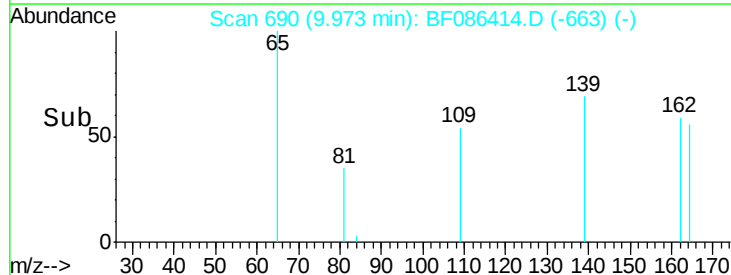
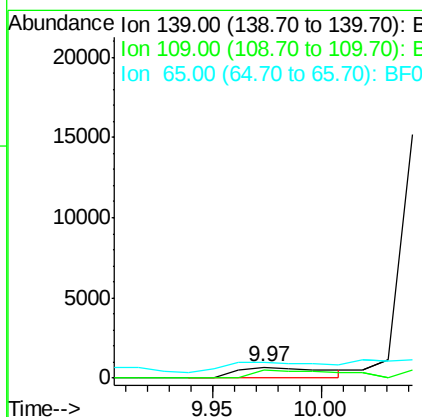
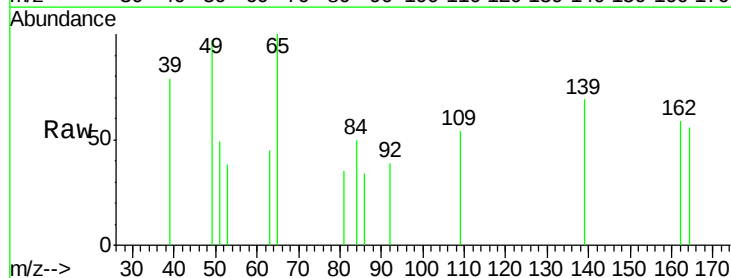
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

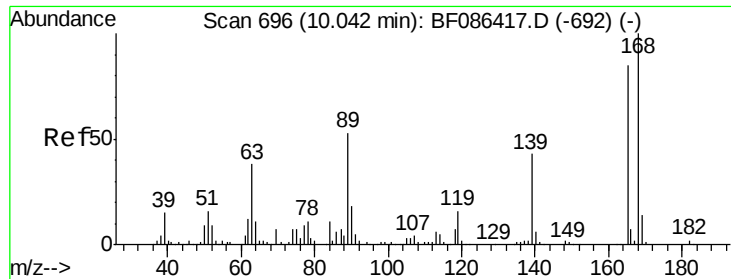
Tot Ion:168 Resp: 58423
Ion Ratio Lower Upper
168 100
139 40.5 31.4 47.0
169 13.2 10.7 16.1



#55
4-Nitrophenol
Concen: 0.58 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:139 Resp: 1928
Ion Ratio Lower Upper
139 100
109 78.5 36.9 76.9#
65 144.5 64.0 104.0#





#56

2,4-Dinitrotoluene

Concen: 1.99 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:165 Resp: 10093

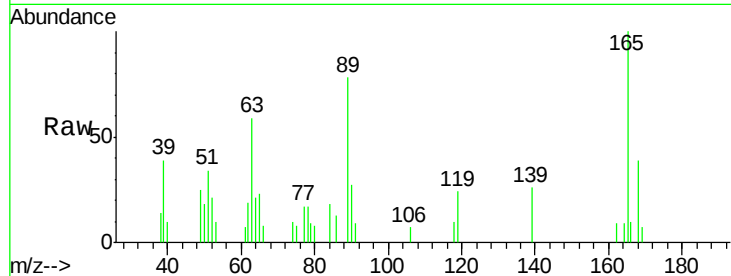
Ion Ratio Lower Upper

165 100

63 59.5 44.3 66.5

89 78.0 70.0 105.0

182 0.0 1.8 2.6#

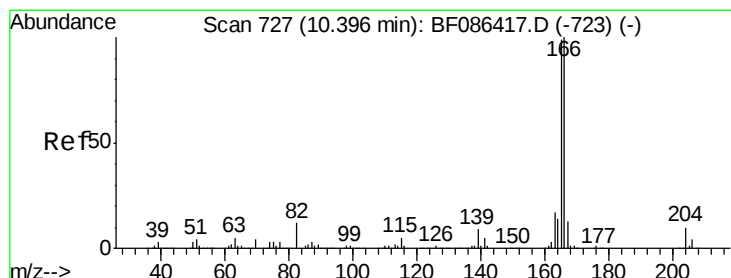
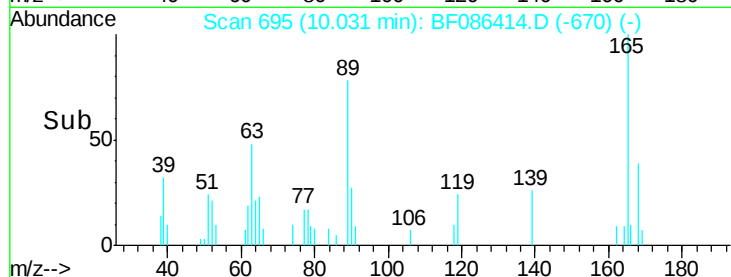
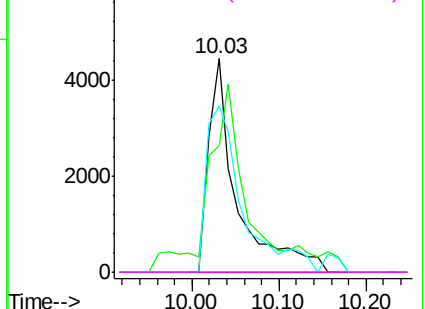


Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.14 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

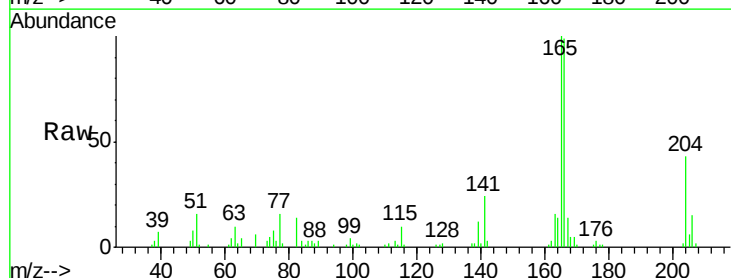
Tgt Ion:166 Resp: 49507

Ion Ratio Lower Upper

166 100

165 100.7 79.0 118.6

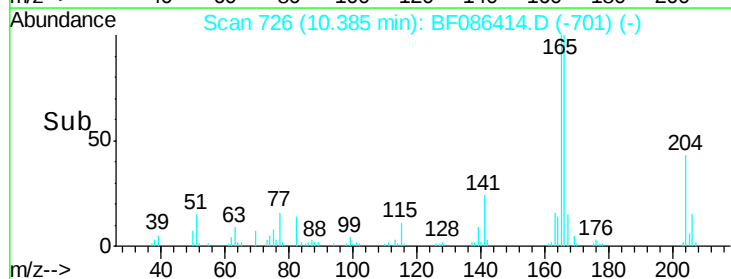
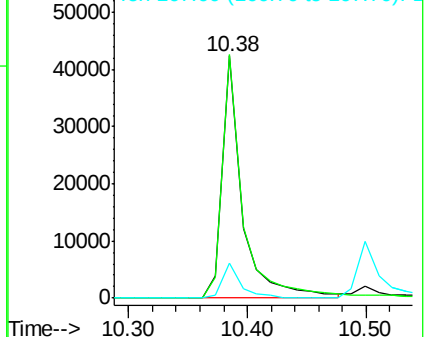
167 14.5 10.6 15.8

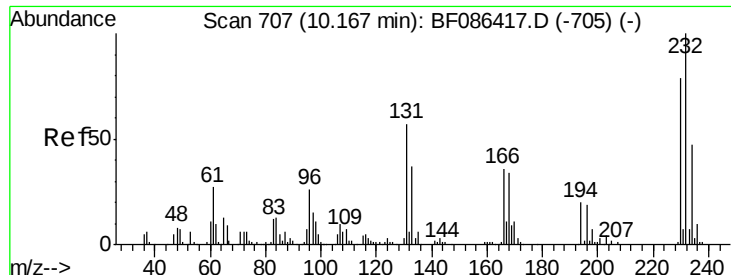


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

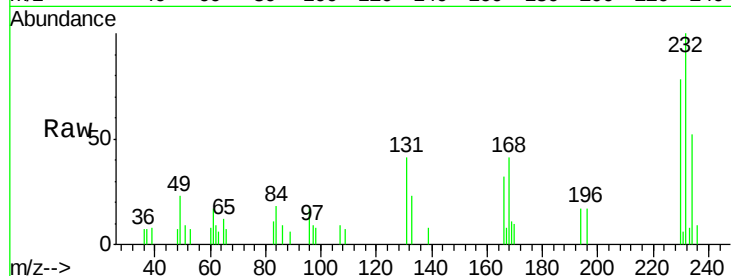




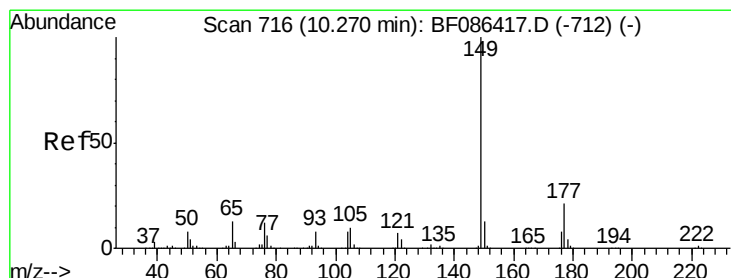
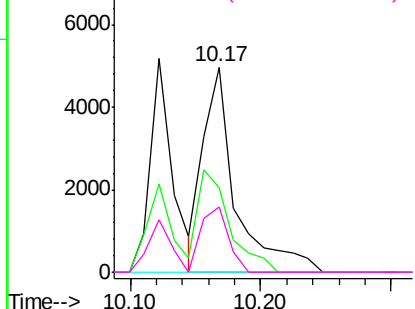
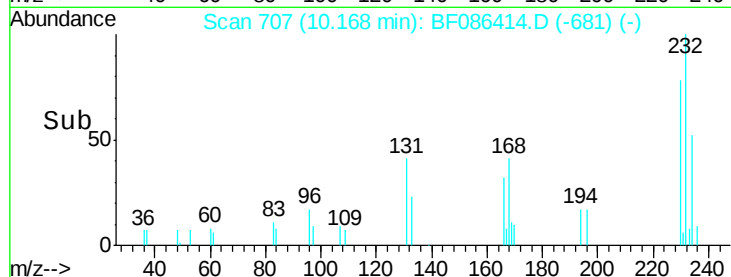
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.33 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:232 Resp: 8701
 Ion Ratio Lower Upper
 232 100
 131 48.2 41.9 62.9
 130 0.0 2.2 3.4#
 166 26.6 26.8 40.2#

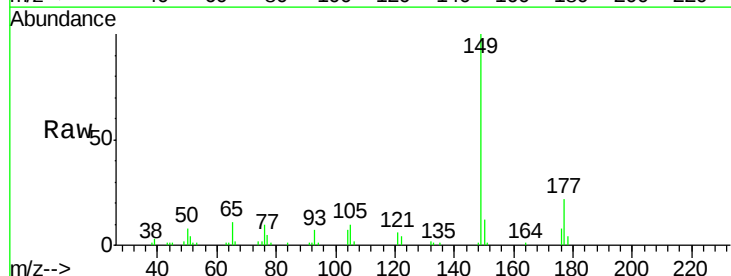


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

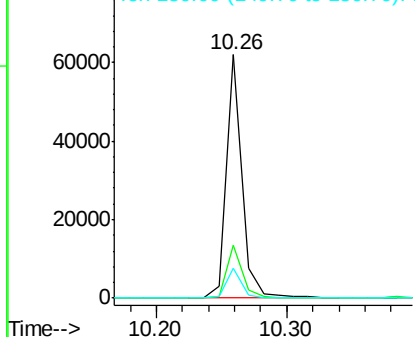
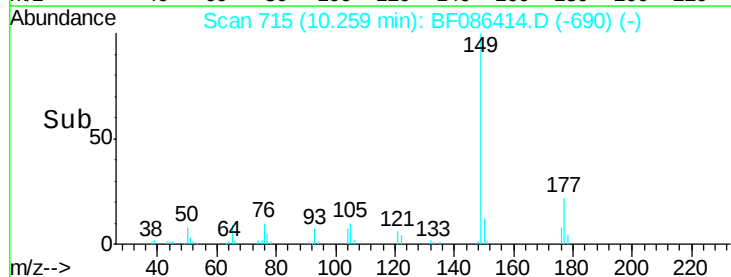


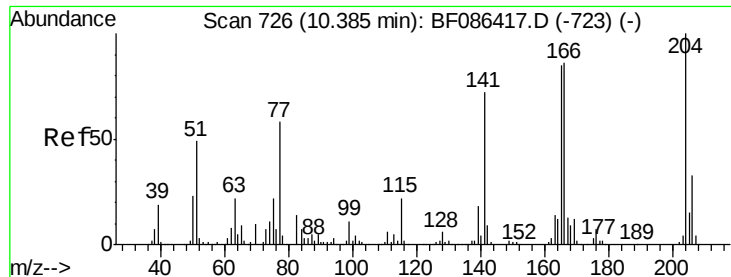
#59
 Diethylphthalate
 Concen: 3.07 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion:149 Resp: 51931
 Ion Ratio Lower Upper
 149 100
 177 21.8 16.6 24.8
 150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

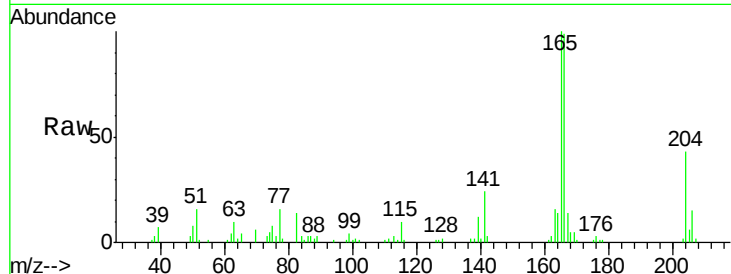




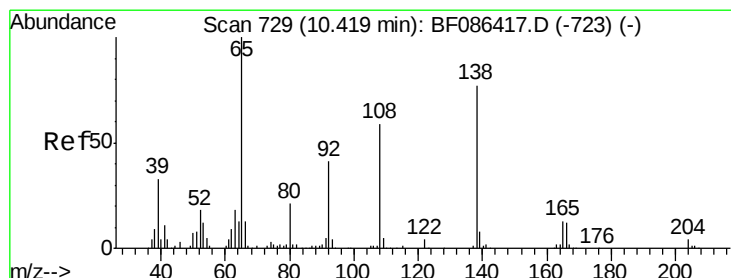
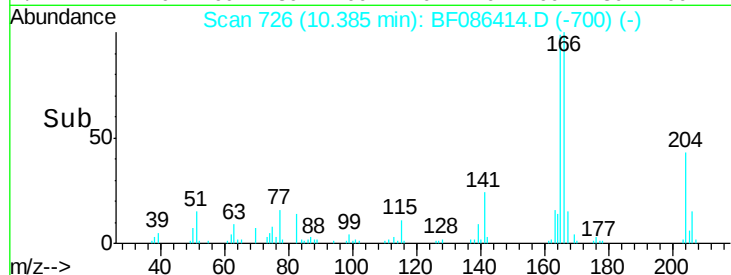
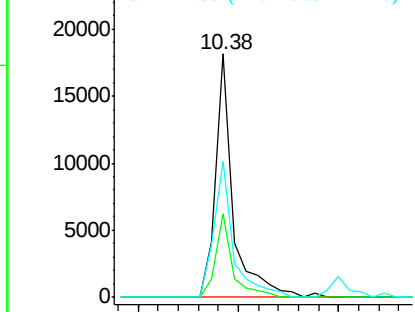
#60
 4-Chlorophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:204 Resp: 22028
 Ion Ratio Lower Upper
 204 100
 206 34.1 25.4 38.0
 141 56.1 61.6 92.4#

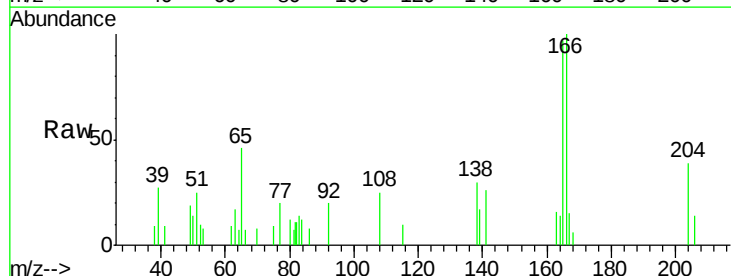


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

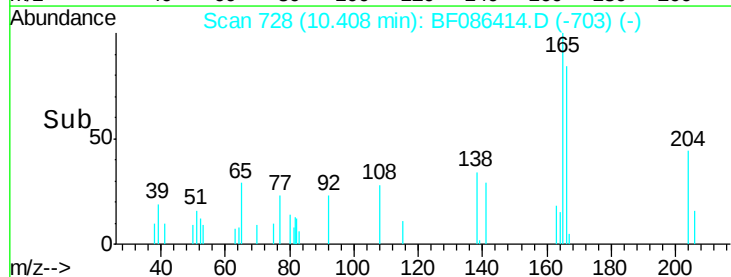
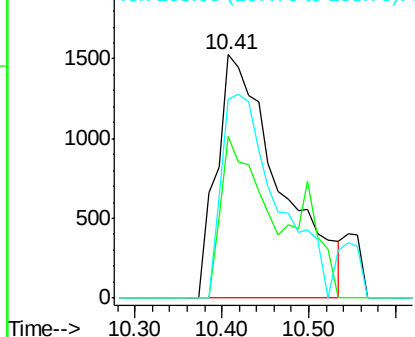


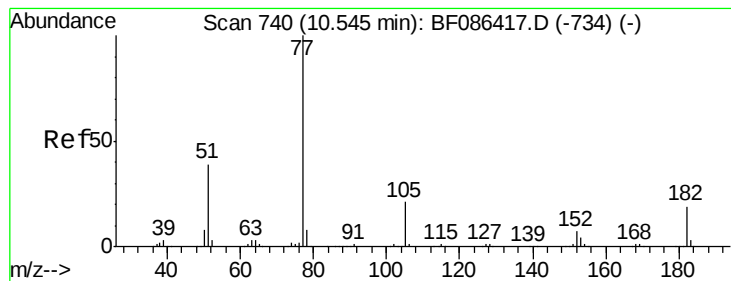
#61
 4-Nitroaniline
 Concen: 1.59 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion:138 Resp: 7771
 Ion Ratio Lower Upper
 138 100
 92 66.7 24.7 64.7#
 108 81.9 37.4 77.4#



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: 3.07 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion: 77 Resp: 53826

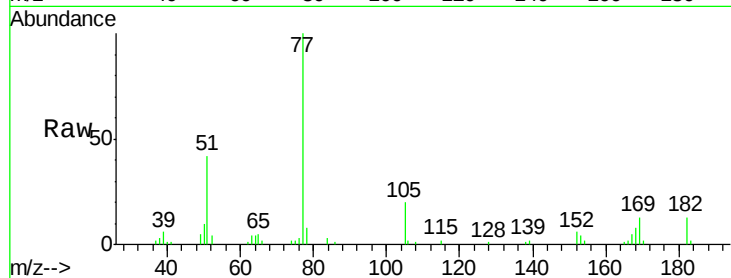
Ion Ratio Lower Upper

77 100

182 12.7 0.0 38.8

105 19.6 3.2 43.2

51 42.5 8.8 48.8

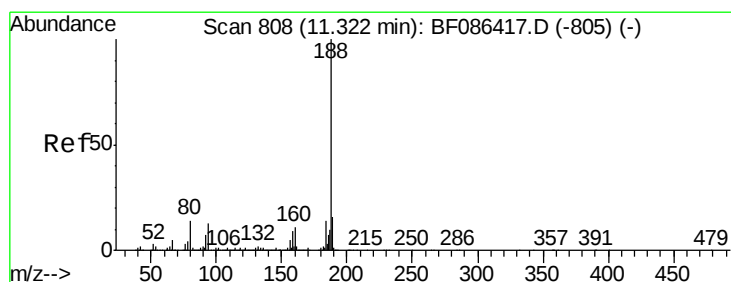
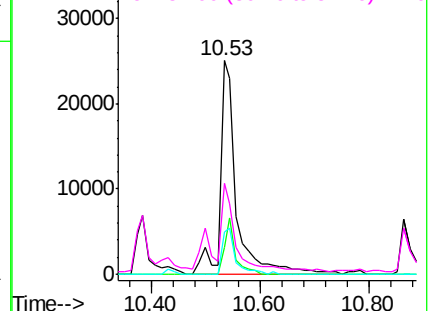
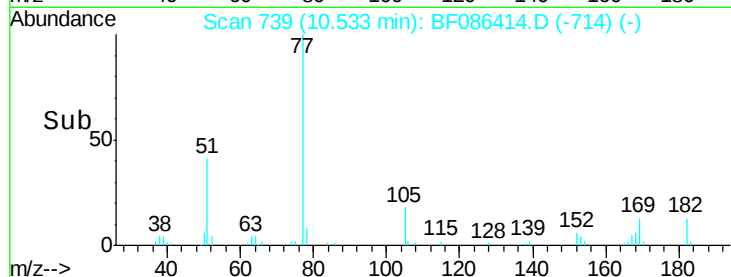


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

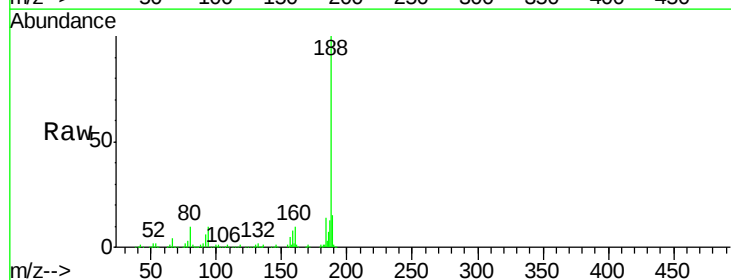
Tgt Ion: 188 Resp: 492274

Ion Ratio Lower Upper

188 100

94 10.0 6.8 10.2

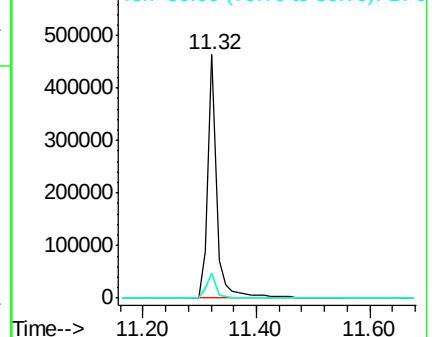
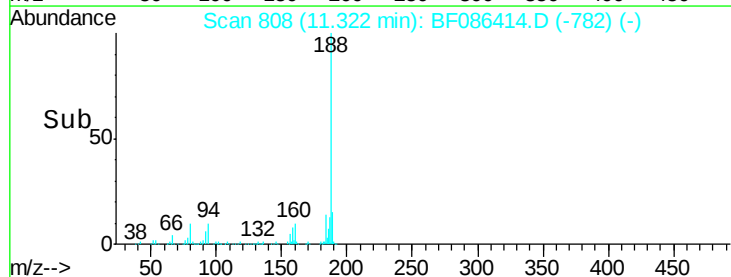
80 10.3 7.1 10.7

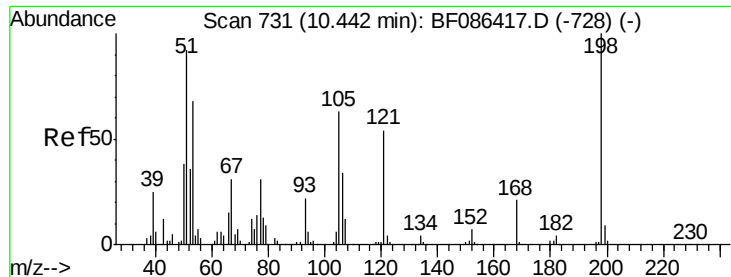


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 0.54 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

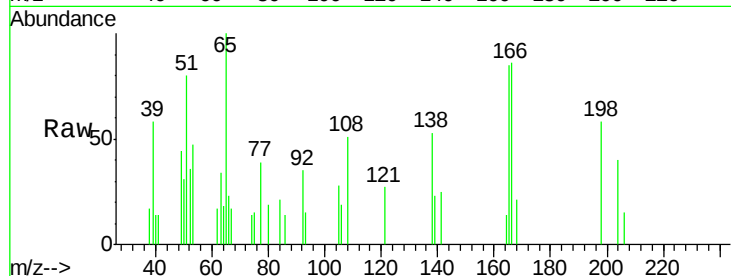
Tot Ion:198 Resp: 1614

Ion Ratio Lower Upper

198 100

51 137.4 20.5 60.5#

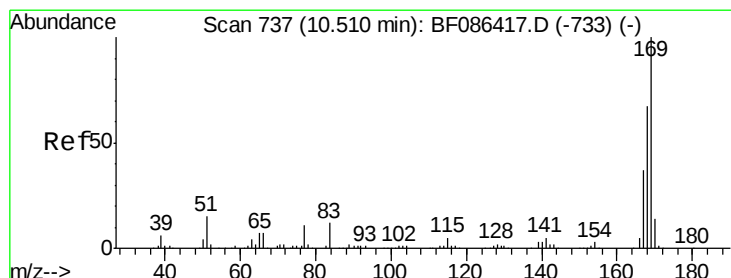
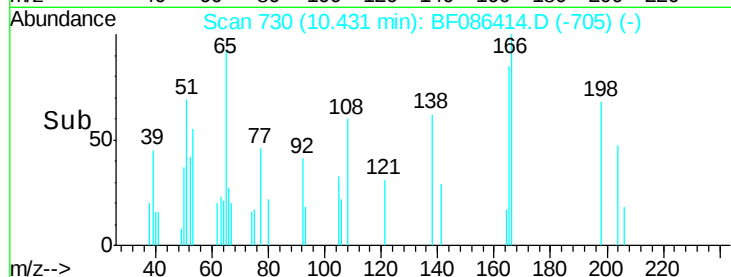
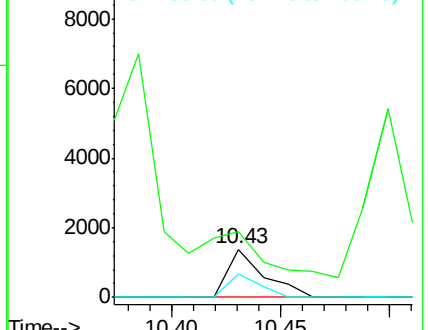
105 48.8 24.5 64.5



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: 2.73 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

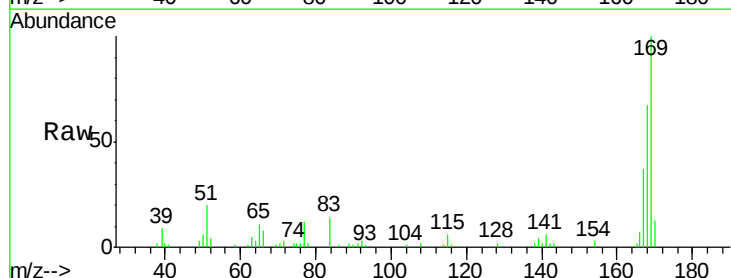
Tgt Ion:169 Resp: 41491

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

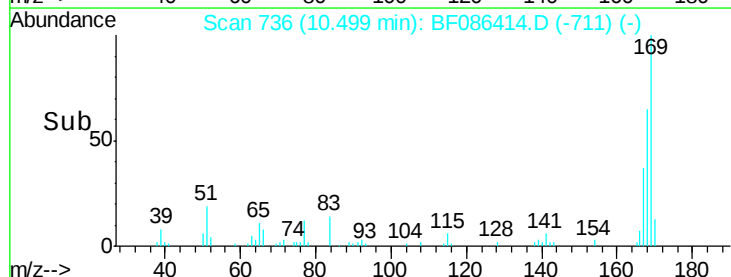
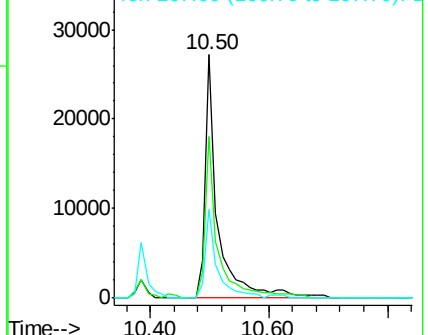
167 36.7 29.5 44.3

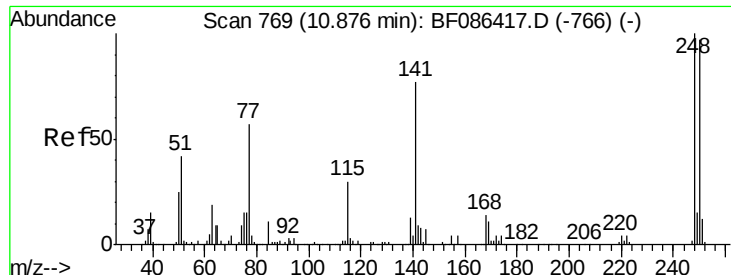


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

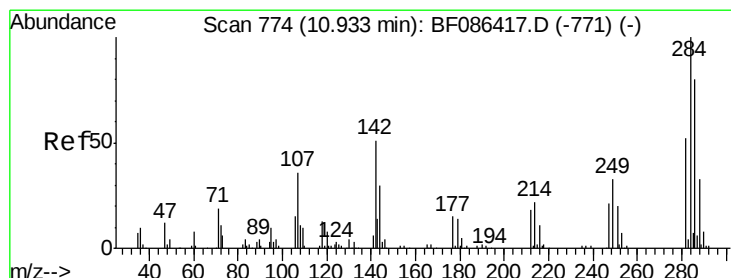
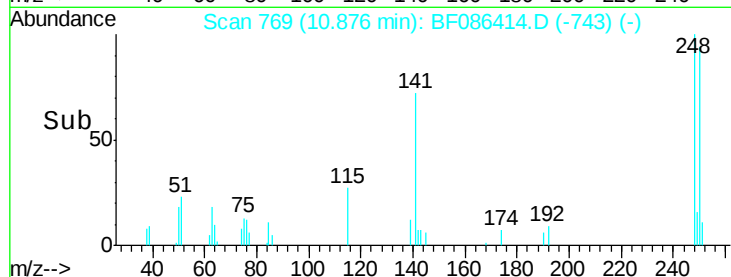
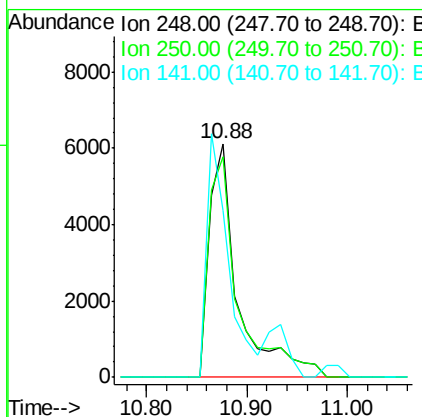
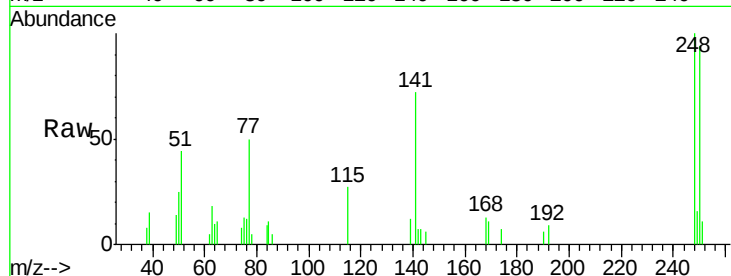




#66
 4-Bromophenyl-phenylether
 Concen: 2.51 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

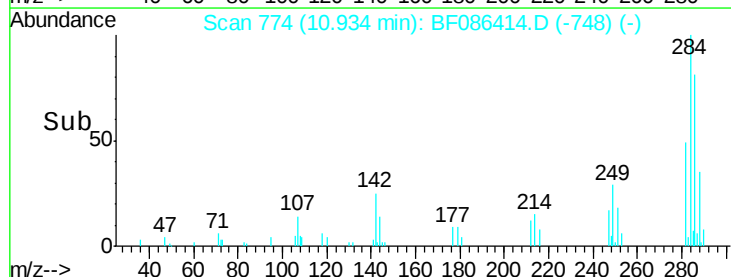
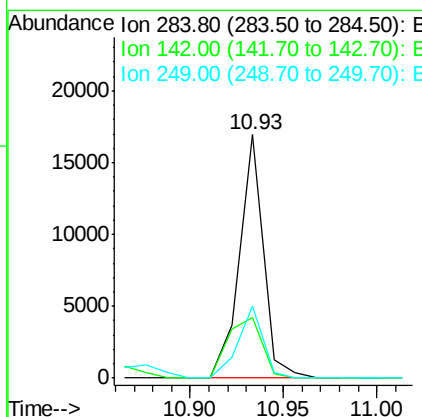
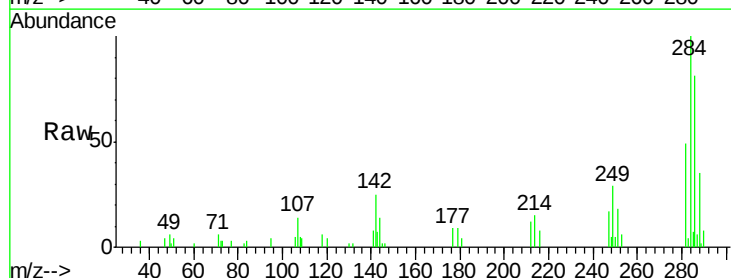
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

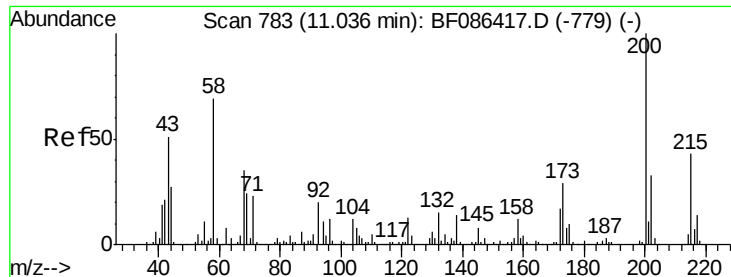
Tot Ion:248 Resp: 12100
 Ion Ratio Lower Upper
 248 100
 250 94.5 78.6 117.8
 141 71.6 76.0 114.0#



#67
 Hexachlorobenzene
 Concen: 2.98 ng
 RT: 10.93 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion:284 Resp: 15308
 Ion Ratio Lower Upper
 284 100
 142 24.7 16.7 25.1
 249 29.4 21.3 31.9





#68

Atrazine

Concen: 2.51 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

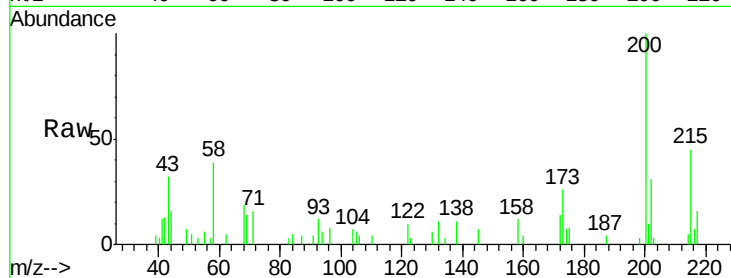
Tot Ion:200 Resp: 11746

Ion Ratio Lower Upper

200 100

173 25.6 8.5 48.5

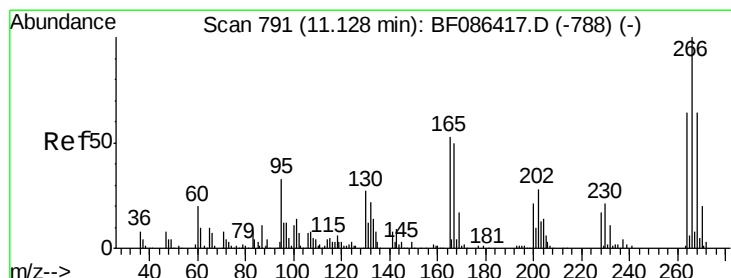
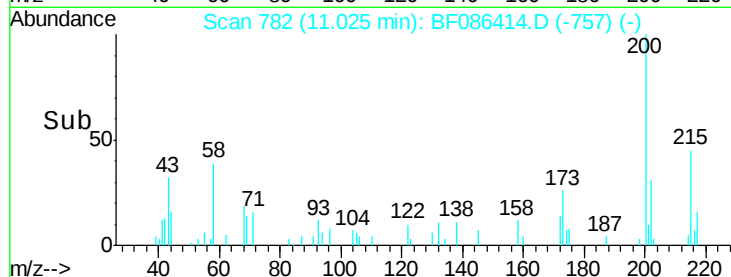
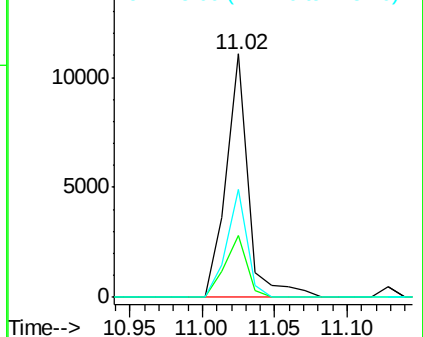
215 44.5 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.65 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

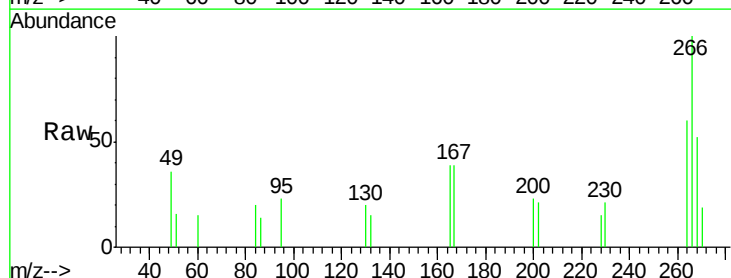
Tgt Ion:266 Resp: 1951

Ion Ratio Lower Upper

266 100

268 52.1 51.5 77.3

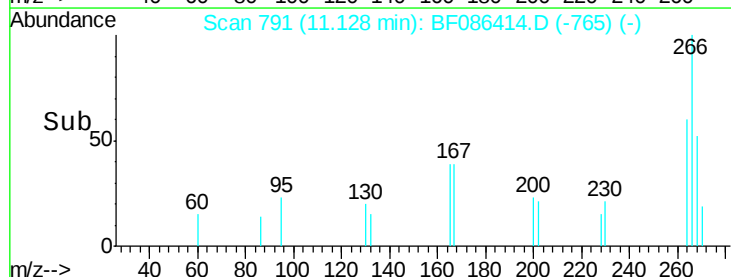
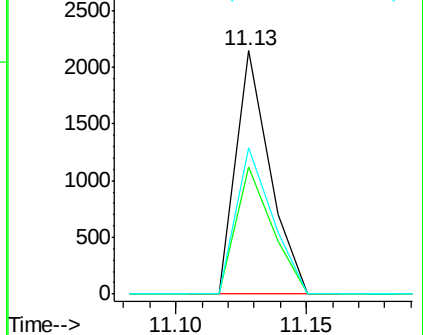
264 59.9 52.9 79.3

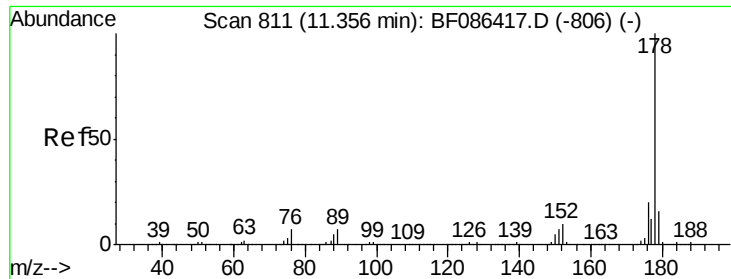


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 2.81 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

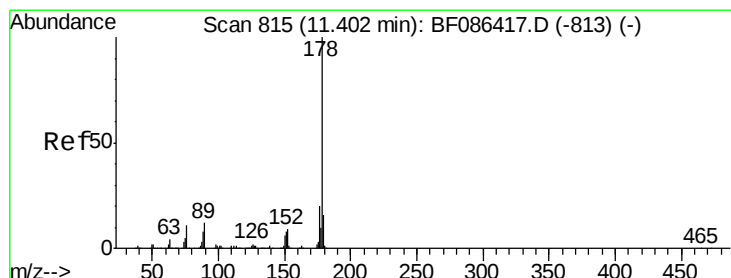
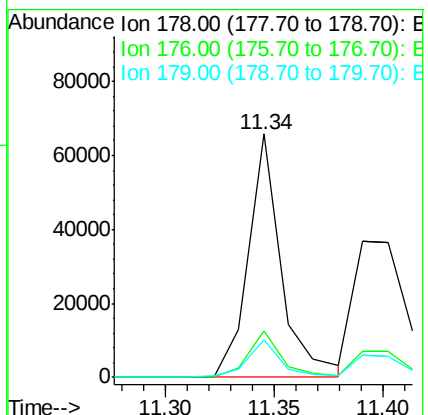
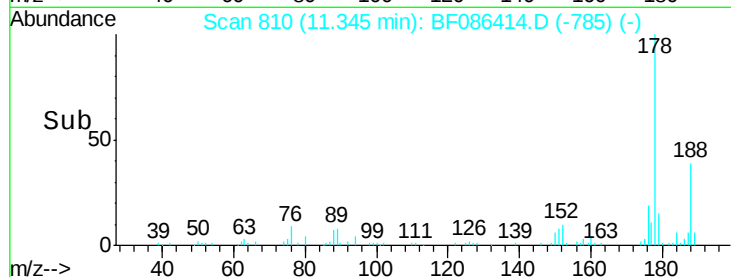
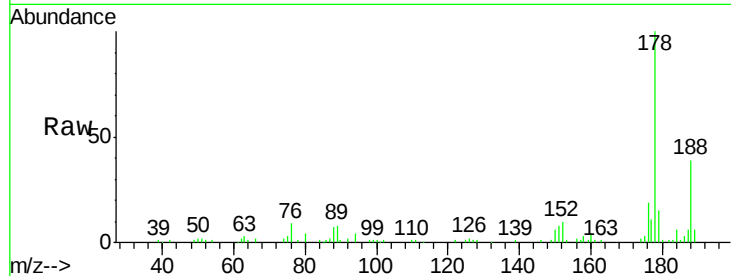
Tot Ion:178 Resp: 69422

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 15.2 12.6 18.8



#71

Anthracene

Concen: 2.70 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

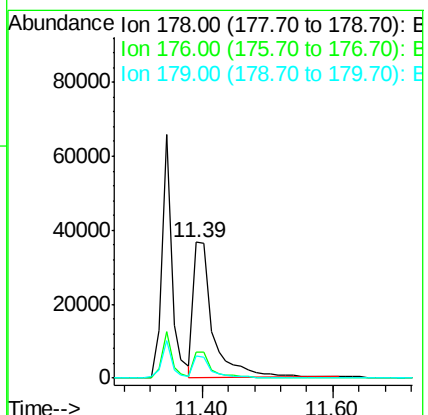
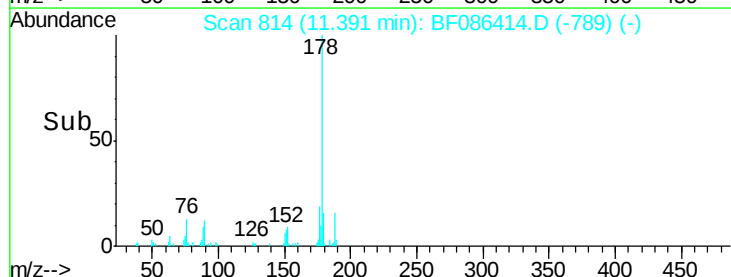
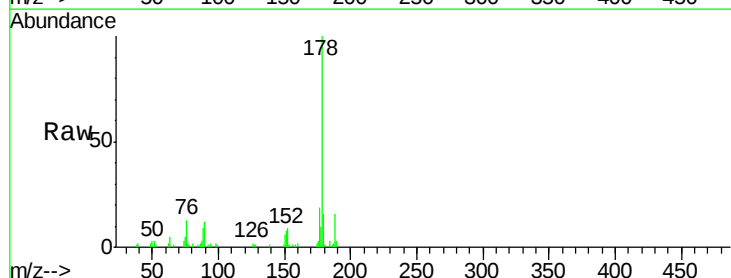
Tgt Ion:178 Resp: 76439

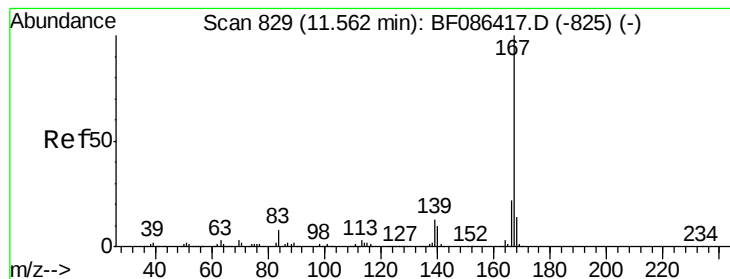
Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

179 16.2 12.7 19.1





#72

Carbazole

Concen: 2.35 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

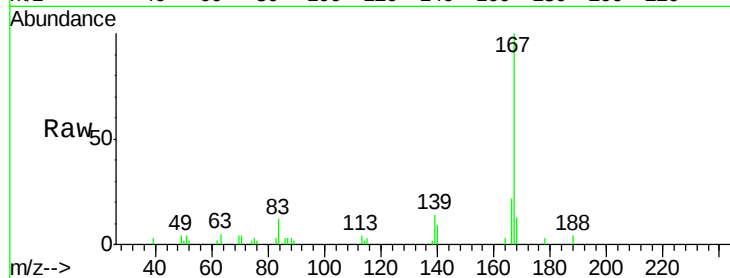
Tot Ion:167 Resp: 62441

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

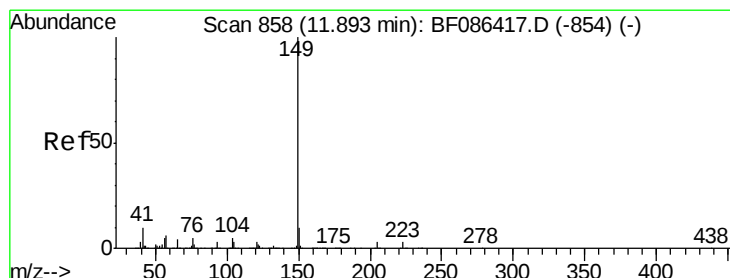
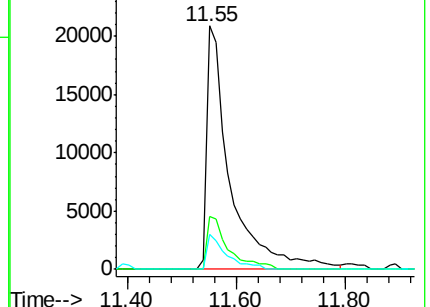
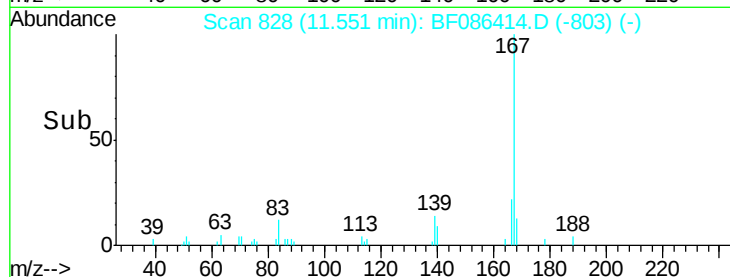
139 14.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.36 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

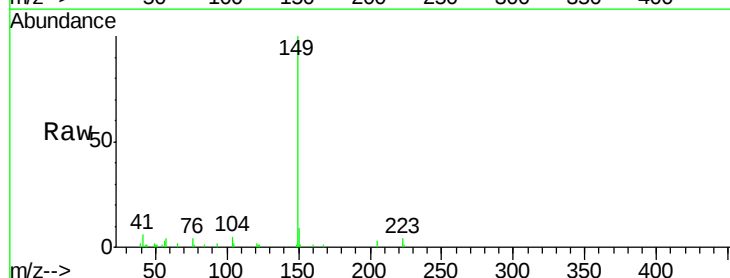
Tgt Ion:149 Resp: 65949

Ion Ratio Lower Upper

149 100

150 8.6 7.6 11.4

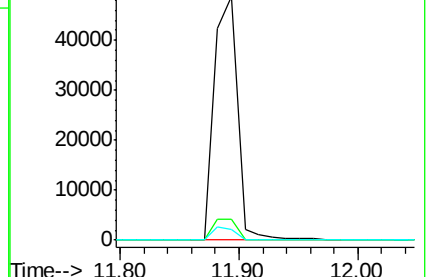
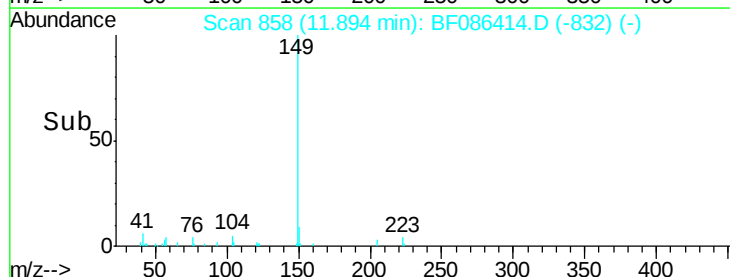
104 4.6 3.8 5.6

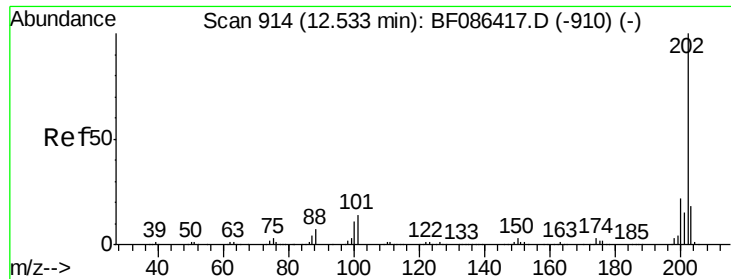


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.59 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

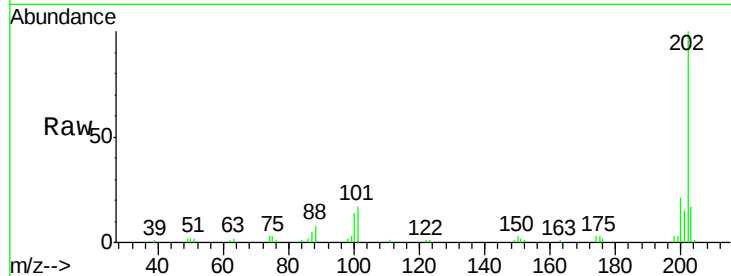
Tot Ion:202 Resp: 69044

Ion Ratio Lower Upper

202 100

101 17.2 0.0 35.4

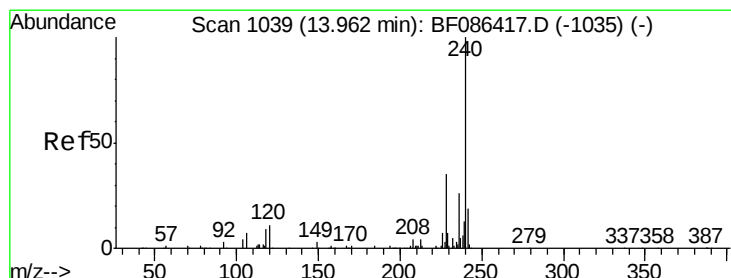
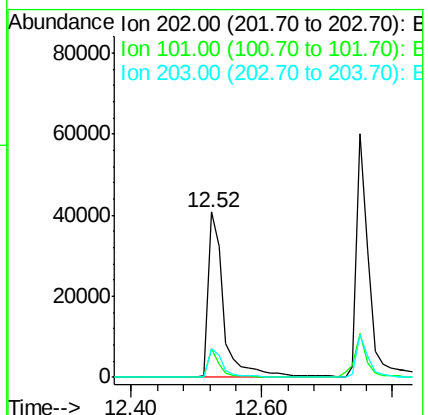
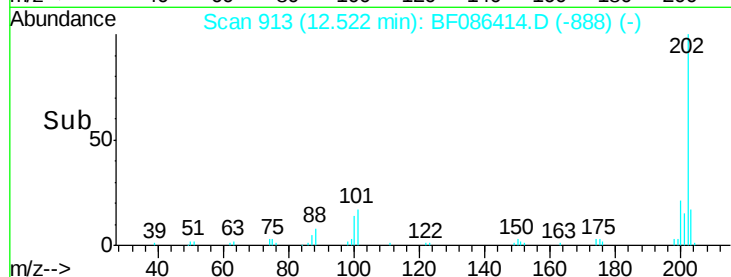
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

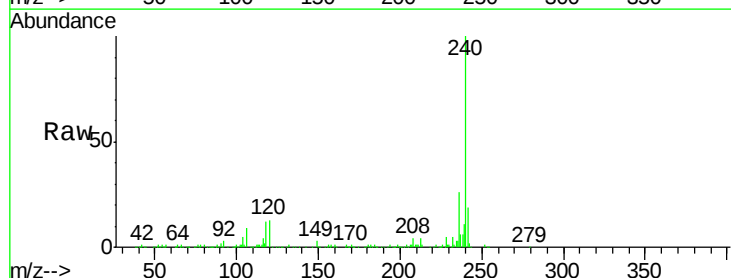
Tgt Ion:240 Resp: 398671

Ion Ratio Lower Upper

240 100

120 13.0 11.2 16.8

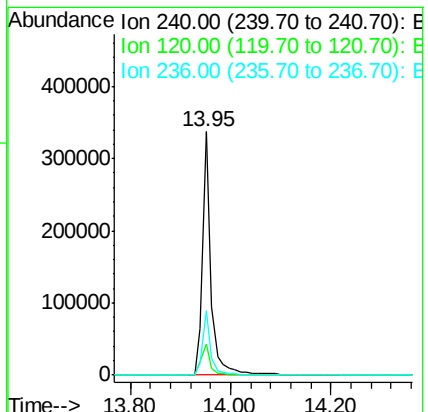
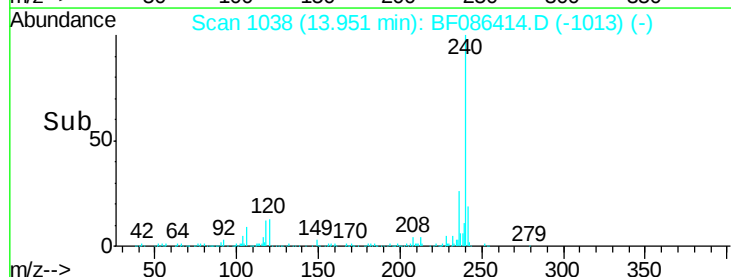
236 26.5 21.2 31.8

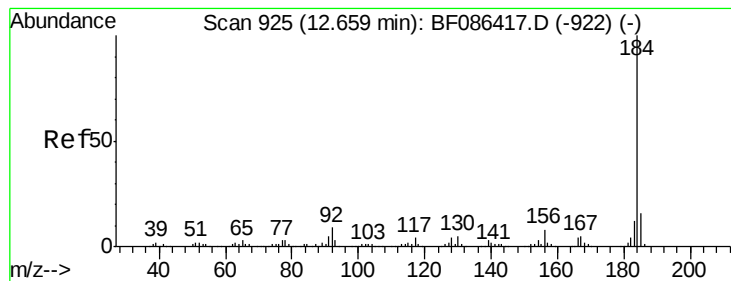


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.87 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

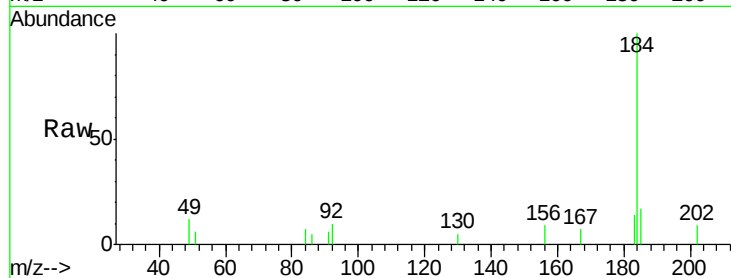
Tot Ion:184 Resp: 30560

Ion Ratio Lower Upper

184 100

185 16.9 13.6 20.4

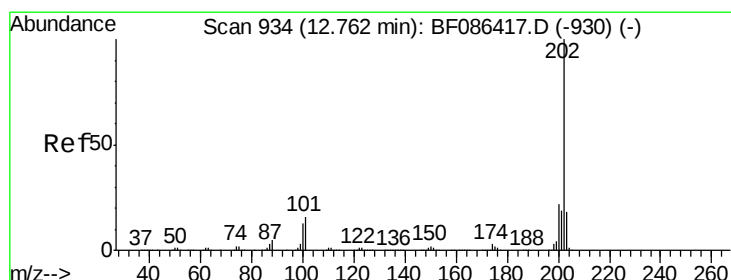
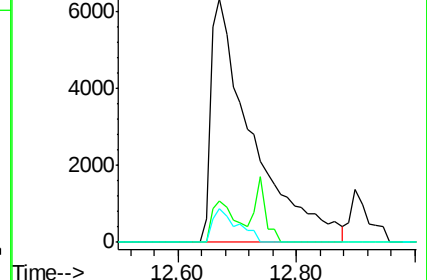
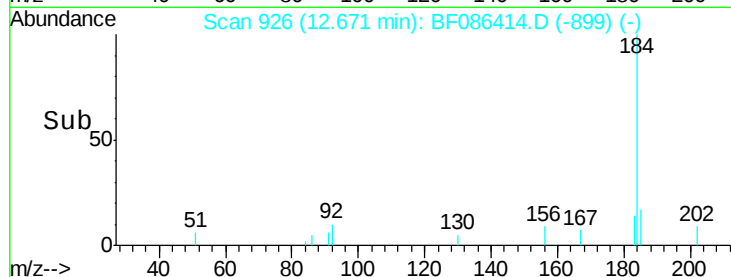
183 13.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 2.82 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

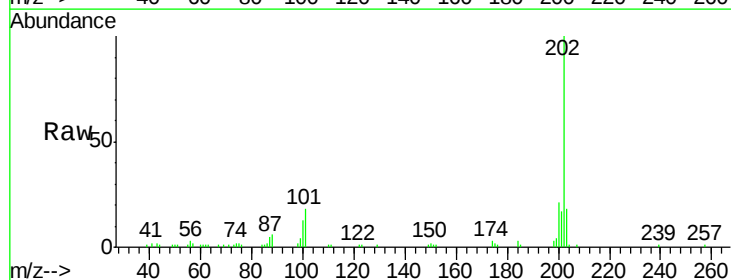
Tgt Ion:202 Resp: 78406

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

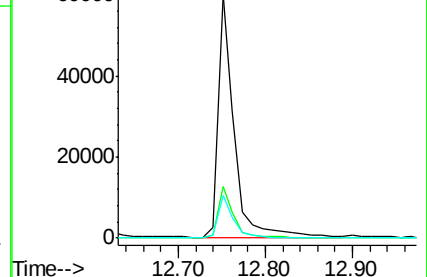
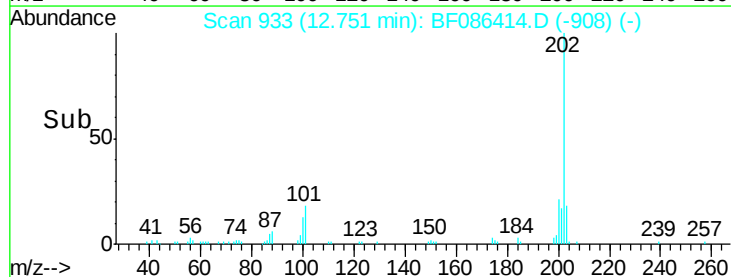
203 17.6 14.2 21.4

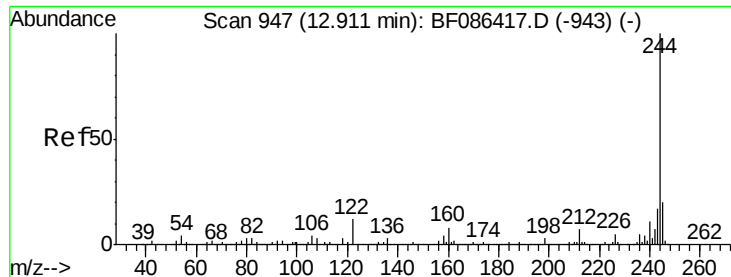


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

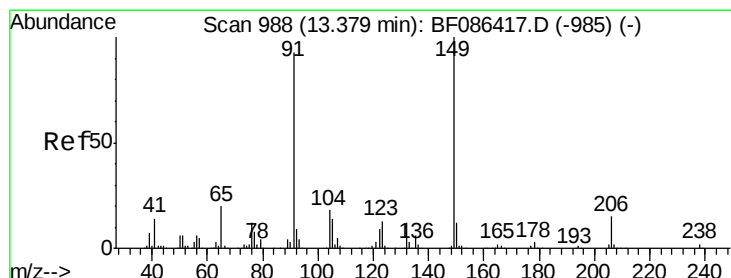
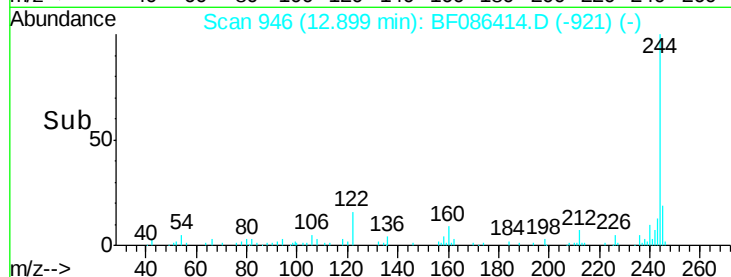
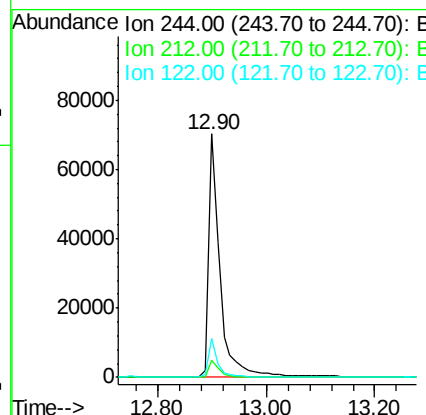
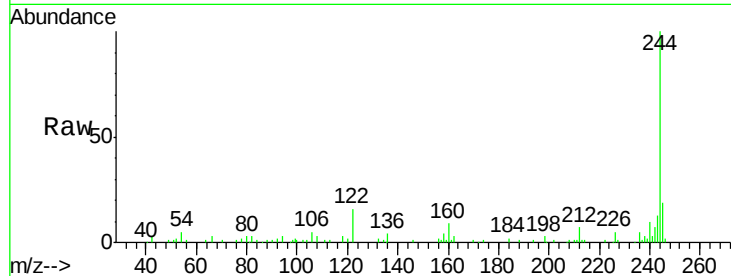




#78
 Terphenyl-d14
 Concen: 6.32 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

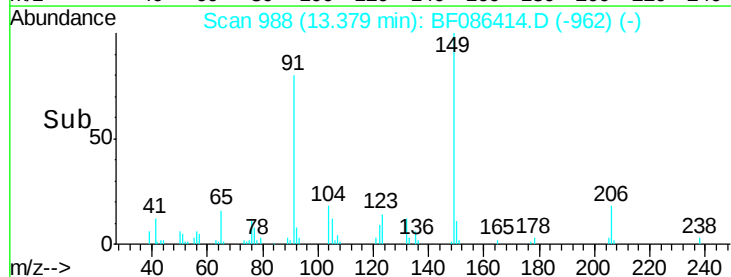
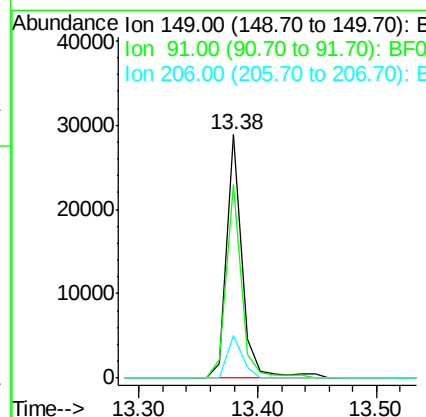
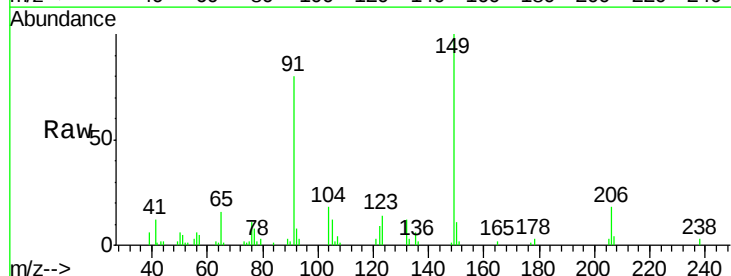
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

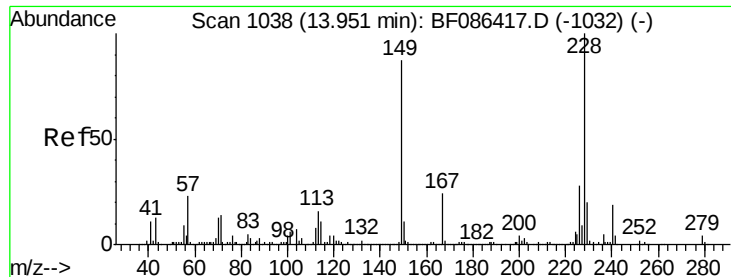
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	16.1	12.0	18.0



#79
 Butylbenzylphthalate
 Concen: 2.01 ng
 RT: 13.38 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF086414.D
 Acq: 27 Apr 2016 10:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.5	48.0	72.0#
206	17.7	15.8	23.6

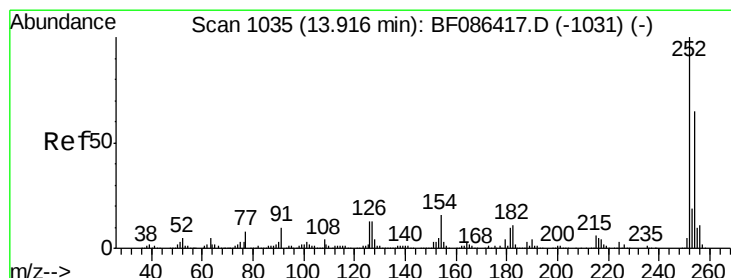
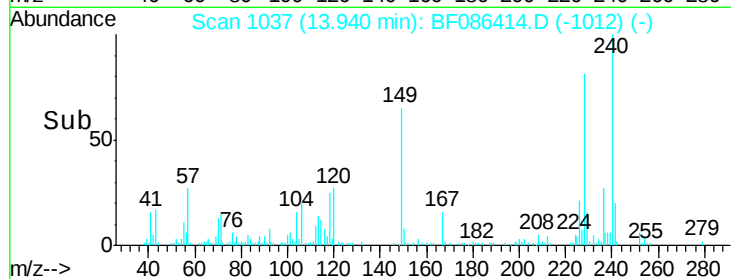
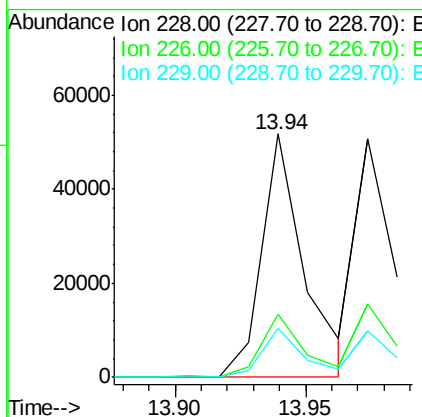
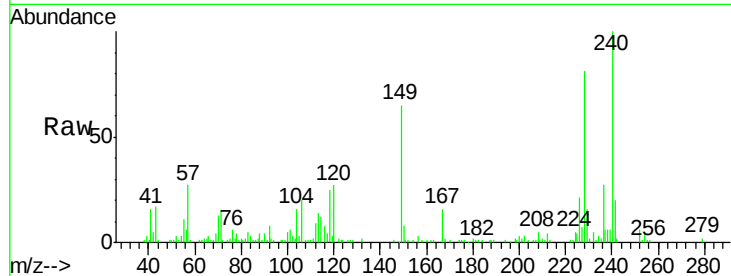




#80
Benzo(a)anthracene
Concen: 2.83 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

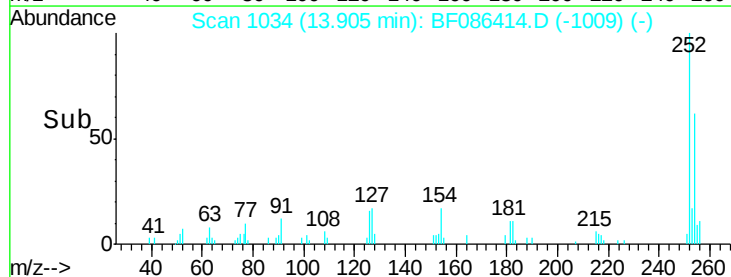
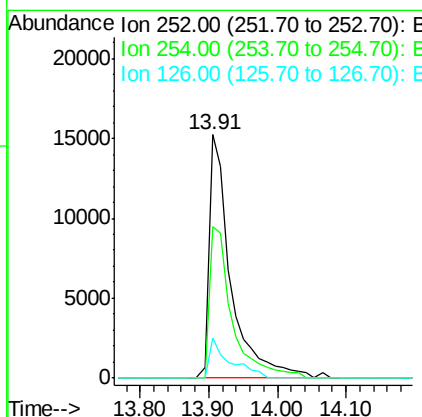
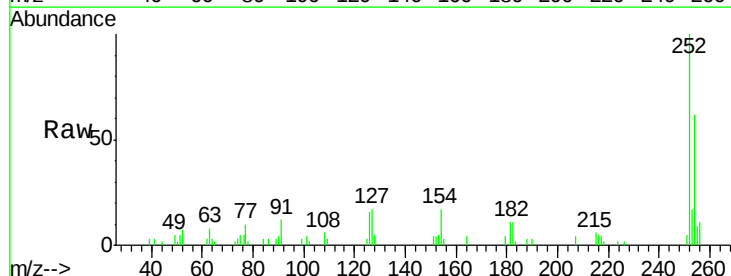
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

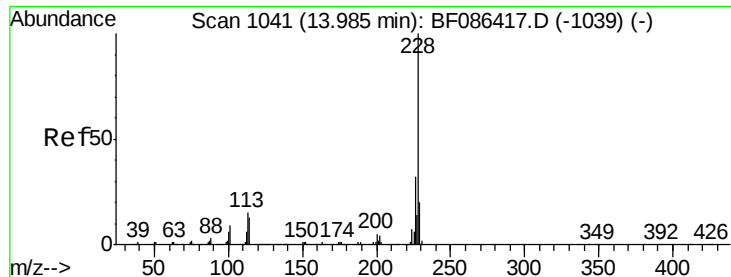
Tot Ion:228 Resp: 58567
Ion Ratio Lower Upper
228 100
226 26.1 22.5 33.7
229 20.0 16.6 25.0



#81
3,3'-Dichlorobenzidine
Concen: 2.36 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:252 Resp: 33728
Ion Ratio Lower Upper
252 100
254 62.3 50.7 76.1
126 16.4 12.7 19.1





#82

Chrysene

Concen: 2.78 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

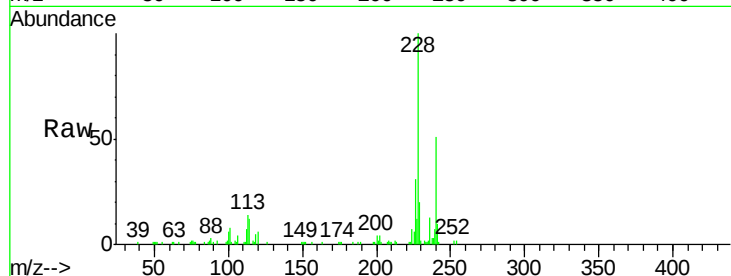
Tot Ion:228 Resp: 64888

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

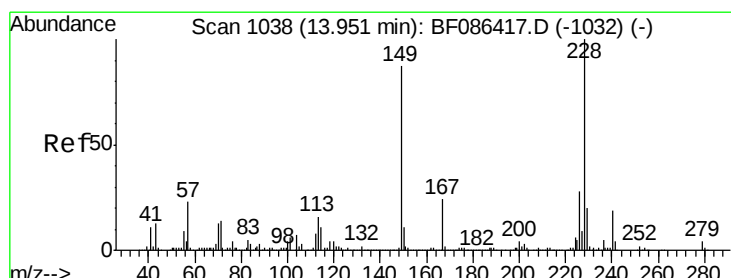
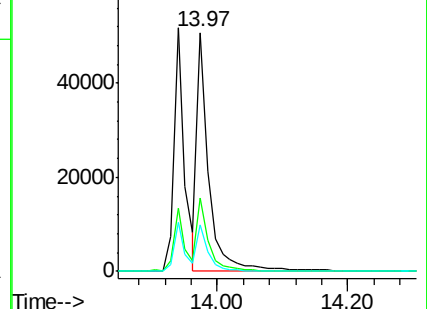
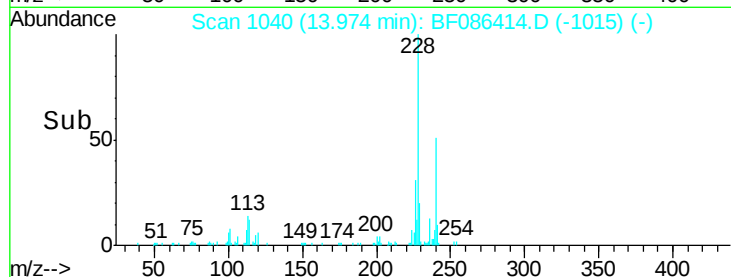
229 19.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.62 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

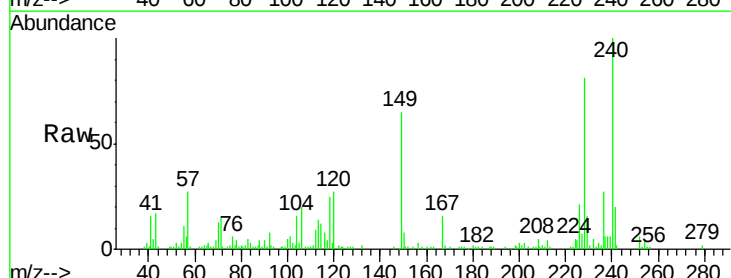
Tgt Ion:149 Resp: 37941

Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.6

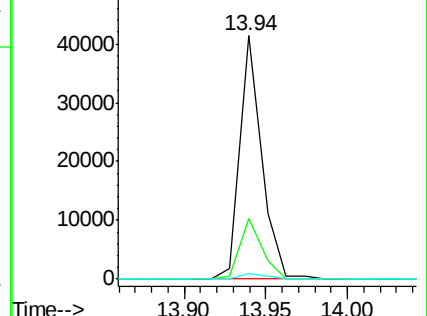
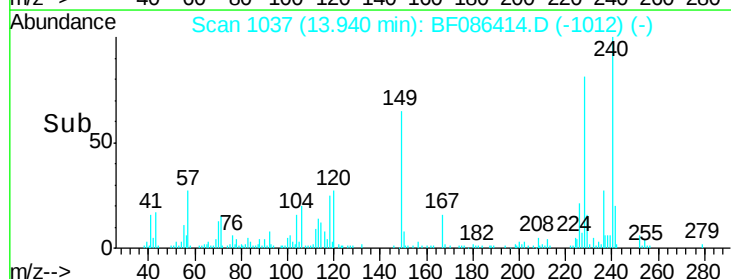
279 2.4 2.6 4.0#

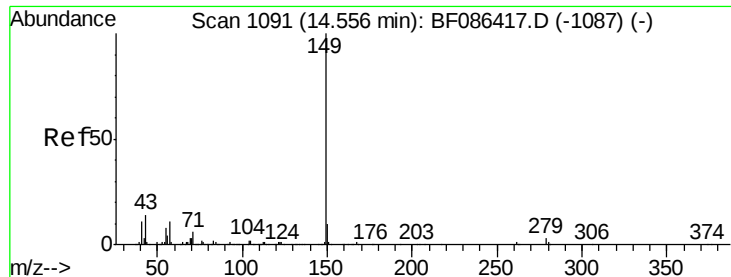


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 1.79 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

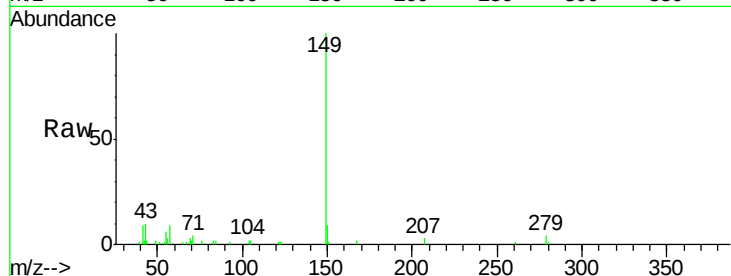
Tot Ion:149 Resp: 49917

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

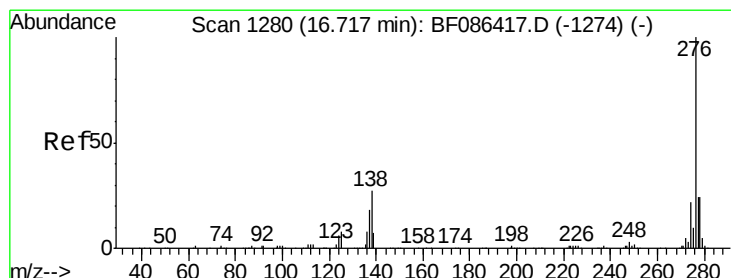
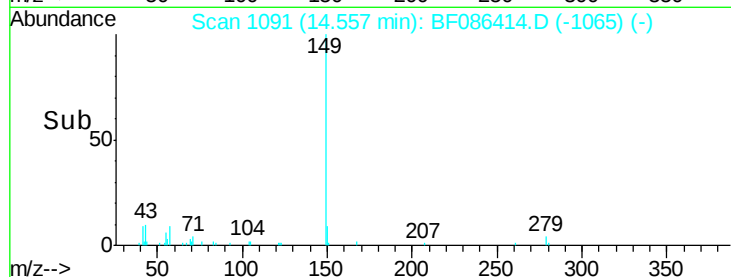
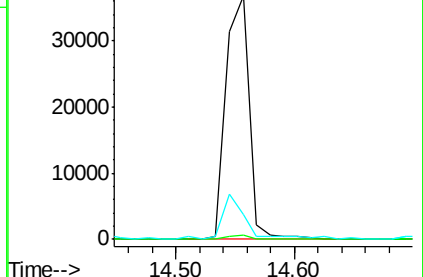
43 19.5 8.2 12.4#



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: 1.76 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

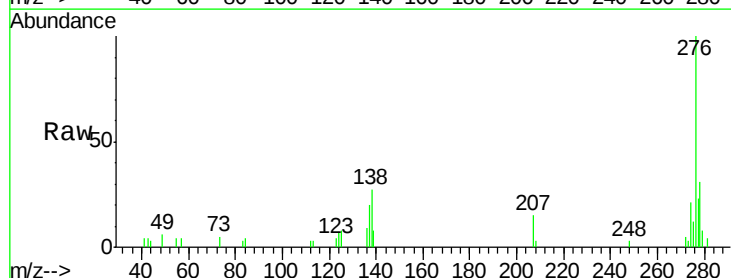
Tgt Ion:276 Resp: 36489

Ion Ratio Lower Upper

276 100

138 28.4 25.6 38.4

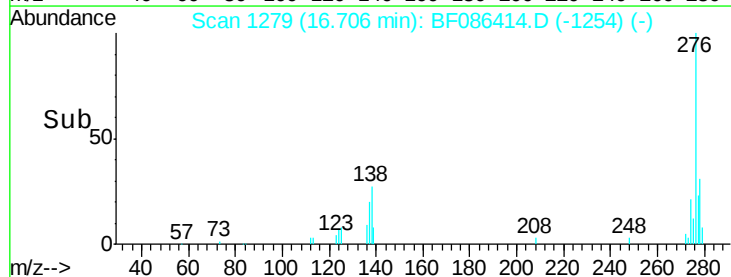
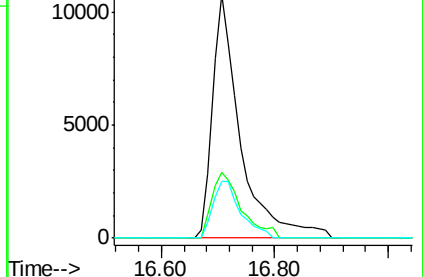
277 23.2 20.5 30.7

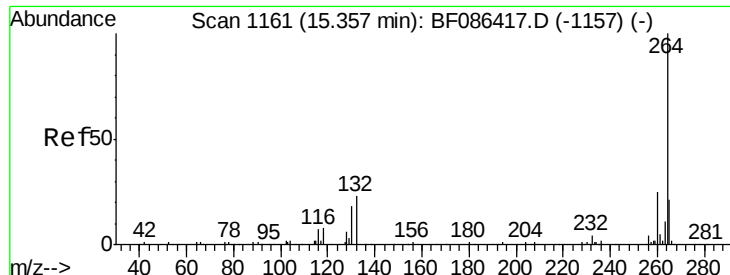


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

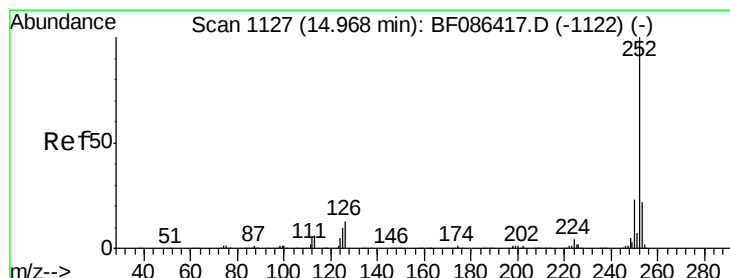
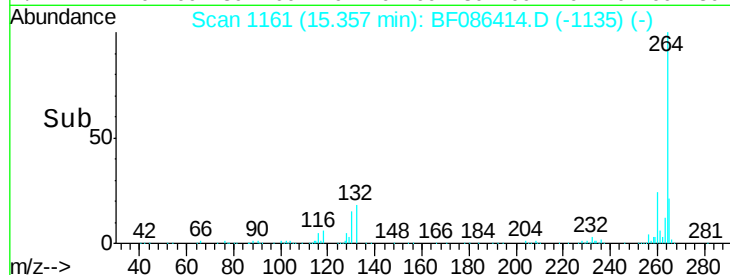
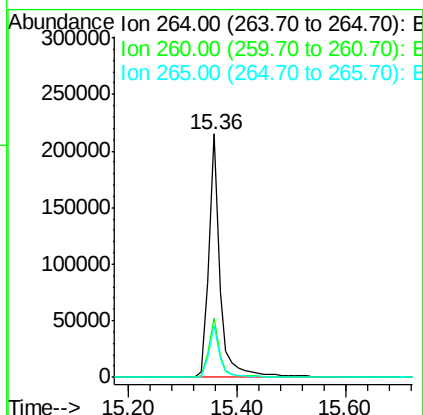
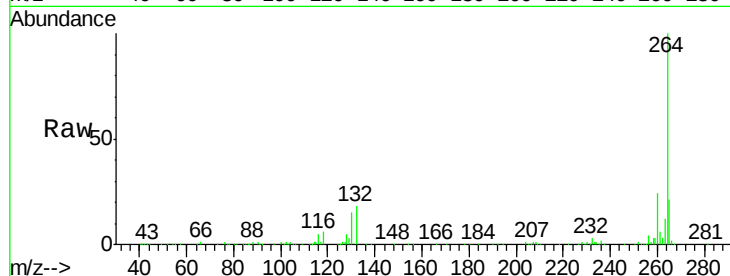




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

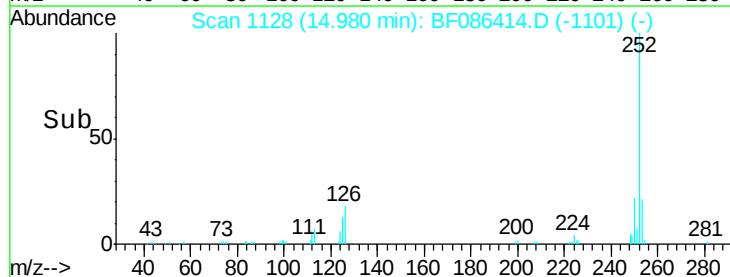
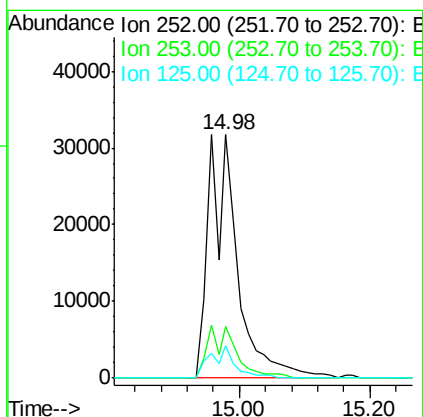
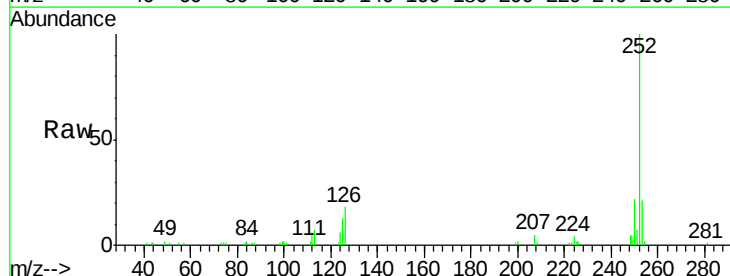
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

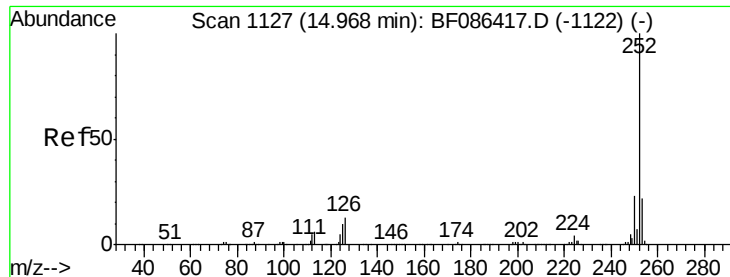
Tot Ion:264 Resp: 311287
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.4 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 5.67 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:252 Resp: 96932
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 13.2 11.4 17.0

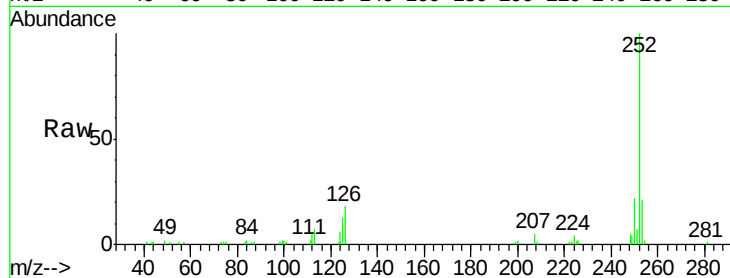




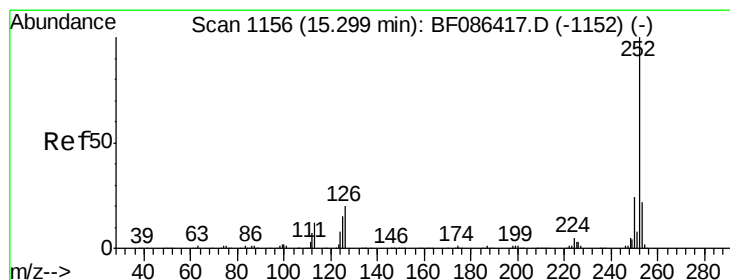
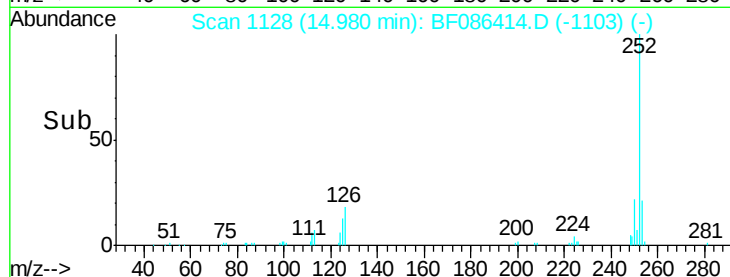
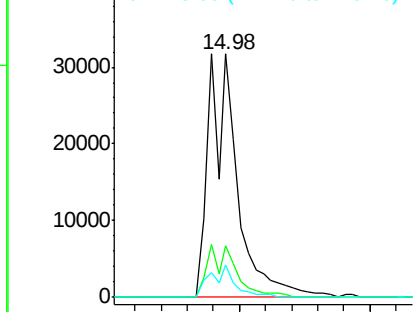
#88
Benzo(k)fluoranthene
Concen: 5.78 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion:252 Resp: 96932
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 13.2 9.1 13.7

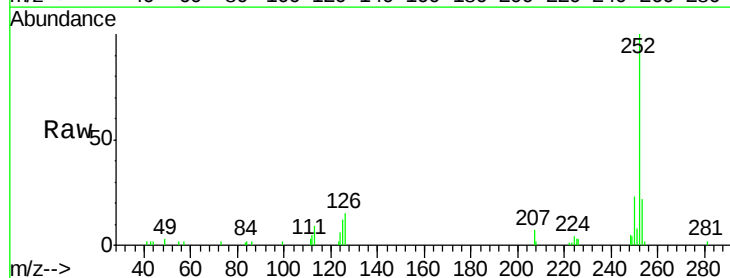


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

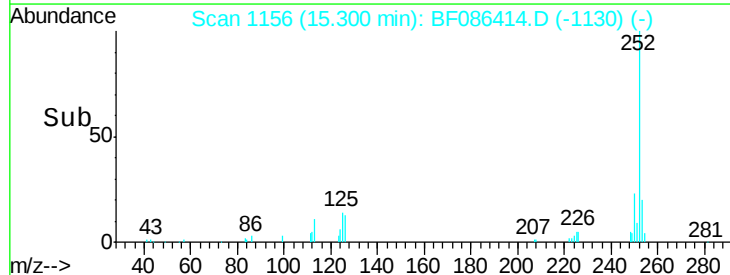
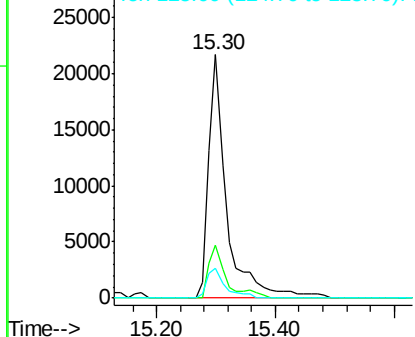


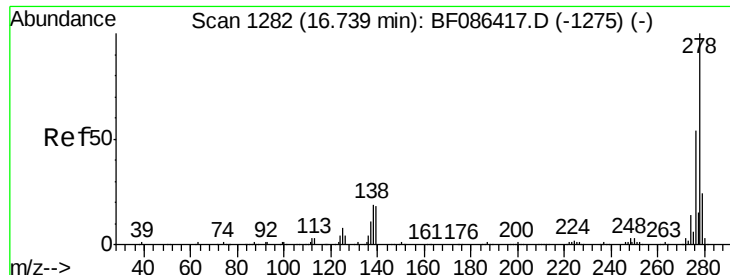
#89
Benzo(a)pyrene
Concen: 2.73 ng
RT: 15.30 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF086414.D
Acq: 27 Apr 2016 10:28

Tgt Ion:252 Resp: 45949
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 12.4 9.0 13.6



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





#90

Dibenzo(a,h)anthracene

Concen: 2.12 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

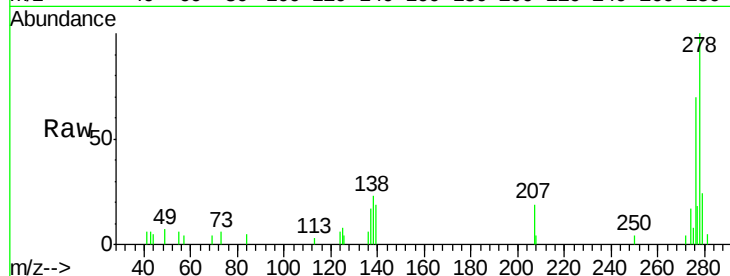
Tot Ion:278 Resp: 29526

Ion Ratio Lower Upper

278 100

139 19.0 16.6 24.8

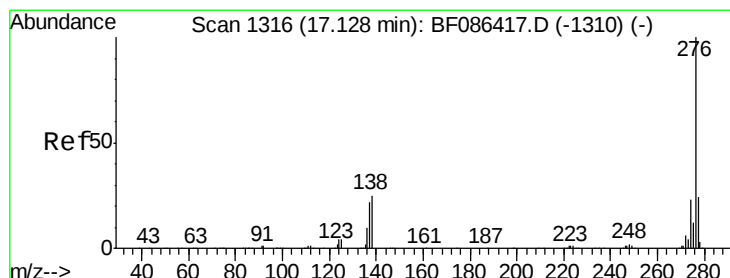
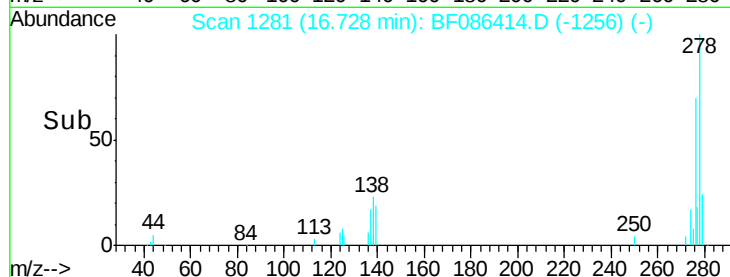
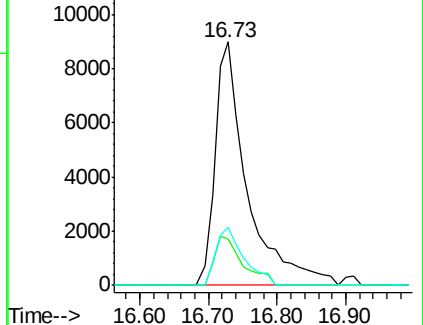
279 23.9 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.18 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF086414.D

Acq: 27 Apr 2016 10:28

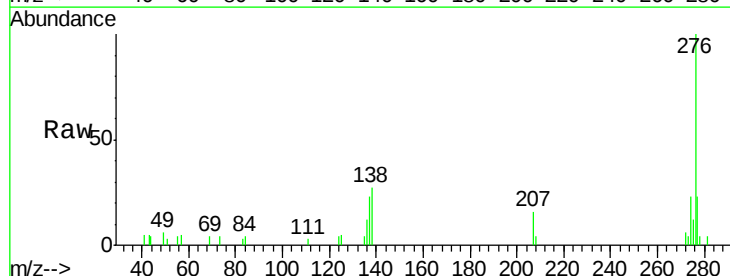
Tgt Ion:276 Resp: 31231

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 27.3 23.6 35.4



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

