

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086415.D
 Acq On : 27 Apr 2016 10:56
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 27 12:42:43 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	135187	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	600493	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	284382	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	564666	20.00	ng	0.00
75) Chrysene-d12	13.95	240	425729	20.00	ng	-0.01
86) Perylene-d12	15.36	264	345871	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	165112	21.09	ng	-0.01
7) Phenol-d6	6.43	99	245077	23.03	ng	-0.01
23) Nitrobenzene-d5	7.37	82	237142	23.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	67108	26.07	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	425027	25.50	ng	-0.01
78) Terphenyl-d14	12.90	244	422927	24.68	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	42041	9.71	ng	# 74
3) Pyridine	3.08	79	92066	8.93	ng	# 71
4) n-Nitrosodimethylamine	3.00	42	47287	12.84	ng	# 62
6) Aniline	6.46	93	134059	10.32	ng	90
8) 2-Chlorophenol	6.58	128	106656	11.16	ng	90
9) Benzaldehyde	6.35	77	74844	11.58	ng	90
10) Phenol	6.44	94	136124	10.83	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	116521	10.65	ng	90
12) 1,3-Dichlorobenzene	6.82	146	114882	11.27	ng	95
13) 1,4-Dichlorobenzene	6.82	146	119931	10.71	ng	96
14) 1,2-Dichlorobenzene	6.97	146	118004	11.60	ng	97
15) Benzyl Alcohol	6.94	79	71516	11.32	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	224220	15.63	ng	89
17) 2-Methylphenol	7.06	107	85686	10.94	ng	96
18) Hexachloroethane	7.31	117	41084	10.89	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	78724	12.38	ng	# 87
20) 3+4-Methylphenols	7.21	107	97406	11.73	ng	# 86
22) Acetophenone	7.21	105	139554	11.08	ng	# 82
24) Nitrobenzene	7.38	77	119755	11.01	ng	93
25) Isophorone	7.62	82	208089	10.47	ng	96
26) 2-Nitrophenol	7.71	139	46600	8.67	ng	94
27) 2,4-Dimethylphenol	7.74	122	95016	10.33	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	118339	10.67	ng	100
29) 2,4-Dichlorophenol	7.95	162	79972	10.52	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	96706	11.71	ng	98
31) Naphthalene	8.11	128	353267	11.55	ng	99
32) Benzoic acid	7.82	122	18401	3.13	ng	# 85
33) 4-Chloroaniline	8.17	127	115750	9.71	ng	98
34) Hexachlorobutadiene	8.24	225	51701	12.53	ng	98
35) Caprolactam	8.50	113	24733	9.06	ng	# 58
36) 4-Chloro-3-methylphenol	8.64	107	86834	9.61	ng	88
37) 2-Methylnaphthalene	8.80	142	189685	10.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	94934	12.90	ng	99
40) Hexachlorocyclopentadiene	8.96	237	38238	10.64	ng	94

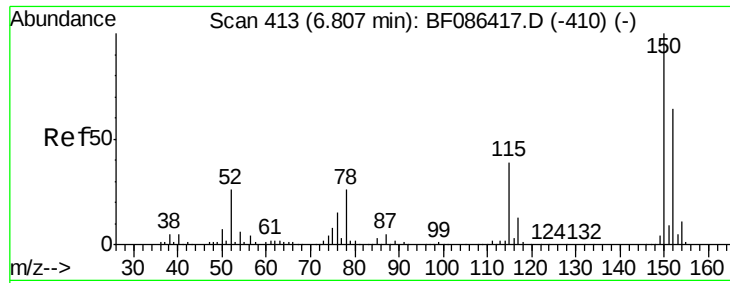
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	56212	11.65	nq	94
43) 2,4,5-Trichlorophenol	9.12	196	58055	9.77	nq	# 94
45) 1,1'-Biphenyl	9.26	154	277807	12.59	nq	97
46) 2-Chloronaphthalene	9.29	162	204767	11.73	nq	96
47) 2-Nitroaniline	9.39	65	58927	10.84	nq	97
48) Acenaphthylene	9.70	152	324853	11.47	nq	99
49) Dimethylphthalate	9.56	163	236312	11.50	nq	100
50) 2,6-Dinitrotoluene	9.63	165	46217	10.41	nq	# 79
51) Acenaphthene	9.87	154	207850	11.95	nq	99
52) 3-Nitroaniline	9.79	138	53950	9.71	nq	82
53) 2,4-Dinitrophenol	9.90	184	10061	4.36	nq	# 59
54) Dibenzofuran	10.04	168	252078	11.28	nq	97
55) 4-Nitrophenol	9.95	139	27139	6.98	nq	# 61
56) 2,4-Dinitrotoluene	10.03	165	60633	10.29	nq	# 79
57) Fluorene	10.38	166	225035	12.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	48146	11.09	nq	# 93
59) Diethylphthalate	10.26	149	215155	10.94	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	103913	12.98	nq	# 83
61) 4-Nitroaniline	10.41	138	52618	9.25	nq	88
62) Azobenzene	10.54	77	240928	11.81	nq	89
64) 4,6-Dinitro-2-methylphenol	10.43	198	25671	7.44	nq	# 70
65) n-Nitrosodiphenylamine	10.50	169	188566	10.83	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	58321	10.55	nq	# 83
67) Hexachlorobenzene	10.93	284	69460	11.77	nq	# 90
68) Atrazine	11.02	200	59874	11.14	nq	95
69) Pentachlorophenol	11.13	266	27280	7.87	nq	98
70) Phenanthrene	11.34	178	319605	11.26	nq	99
71) Anthracene	11.40	178	335298	10.31	nq	98
72) Carbazole	11.55	167	290248	9.51	nq	100
73) Di-n-butylphthalate	11.89	149	335332	10.44	nq	98
74) Fluoranthene	12.52	202	316690	10.35	nq	96
76) Benzidine	12.66	184	167551	9.60	nq	96
77) Pyrene	12.75	202	315250	10.62	nq	100
79) Butylbenzylphthalate	13.38	149	133006	9.62	nq	# 77
80) Benzo(a)anthracene	13.94	228	243699	11.03	nq	98
81) 3,3'-Dichlorobenzidine	13.90	252	169486	11.12	nq	100
82) Chrysene	13.97	228	274712	11.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	174344	11.26	nq	# 95
84) Di-n-octyl phthalate	14.56	149	254486	8.56	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.71	276	175780	7.94	nq	97
87) Benzo(b)fluoranthene	14.96	252	439231	23.14	nq	97
88) Benzo(k)fluoranthene	14.96	252	440055	23.62	nq	100
89) Benzo(a)pyrene	15.30	252	195758	10.45	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	146136	9.46	nq	96
91) Benzo(g,h,i)perylene	17.11	276	141143	8.85	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: BF086415.D

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SSTDIC010

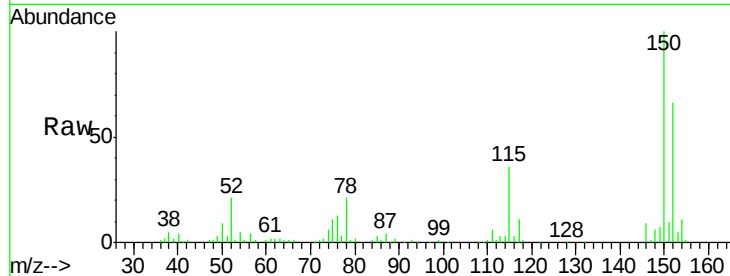
Tot Ion:152 Resp: 135187

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.6

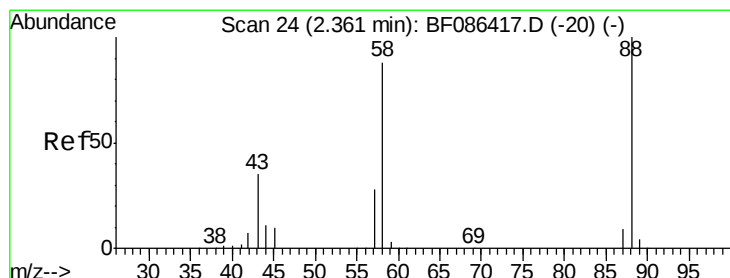
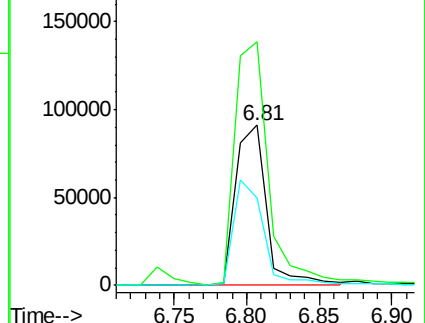
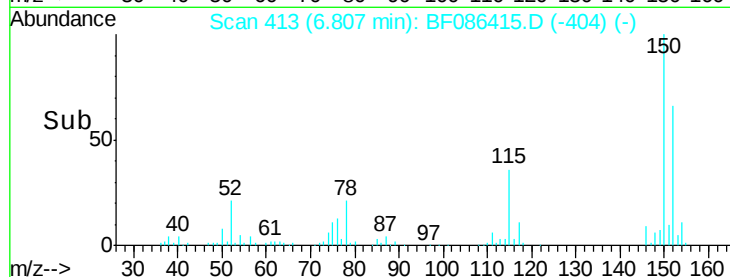
115 54.4 51.5 77.3



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: 9.71 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

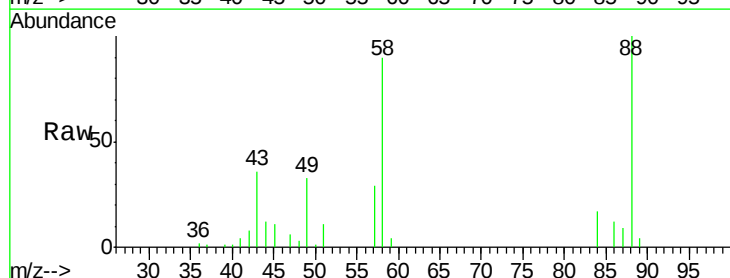
Tgt Ion: 88 Resp: 42041

Ion Ratio Lower Upper

88 100

58 96.2 59.6 89.4#

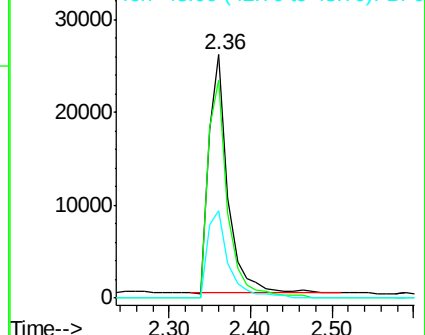
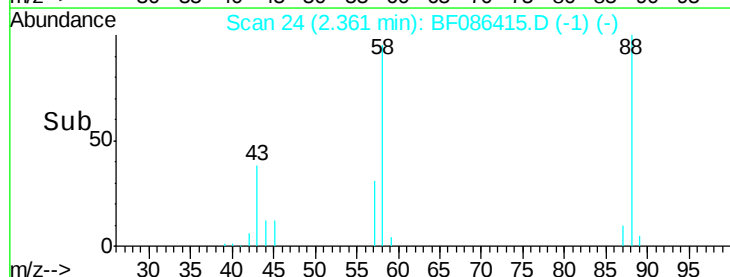
43 40.9 21.8 32.6#

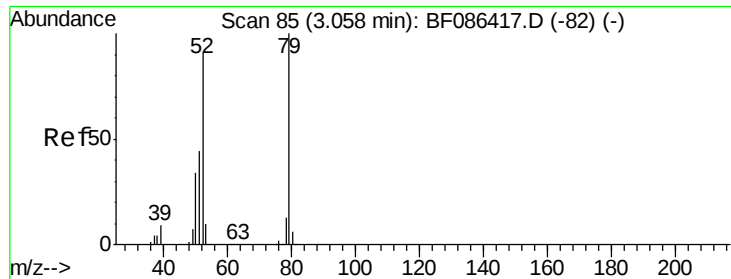


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 8.93 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

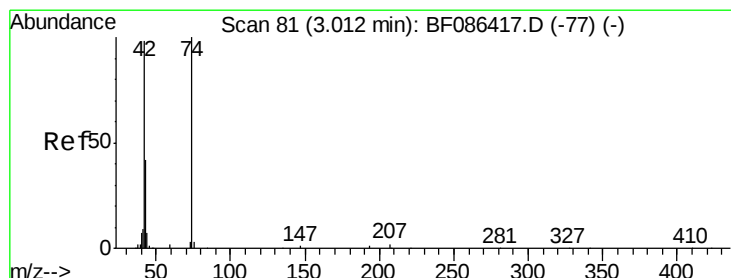
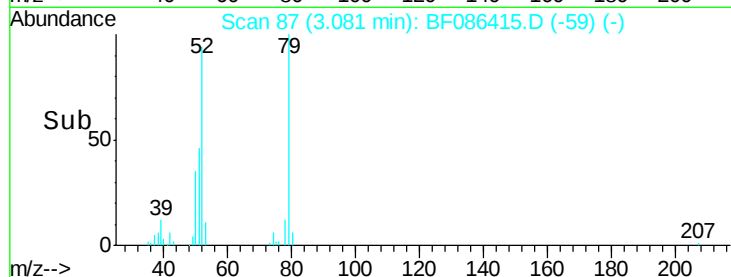
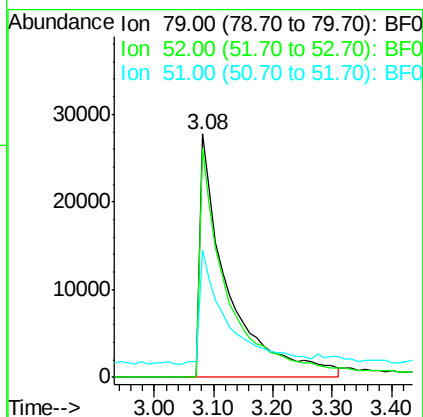
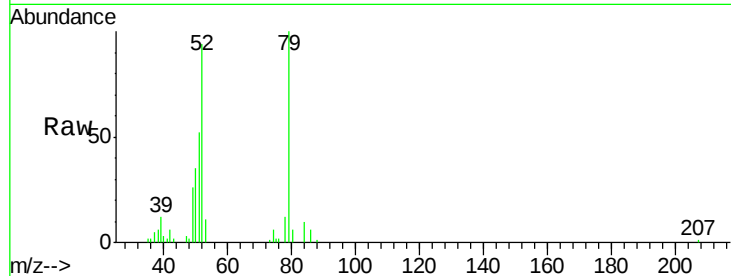
Tot Ion: 79 Resp: 92066

Ion Ratio Lower Upper

79 100

52 94.2 55.9 83.9#

51 52.0 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 12.84 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

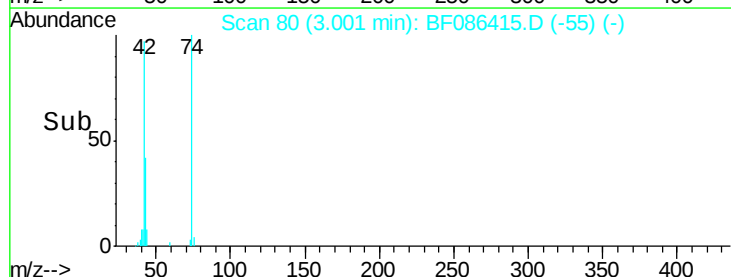
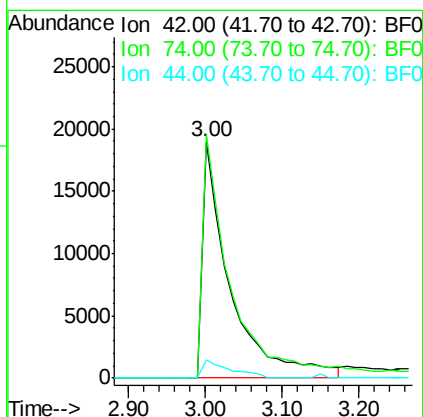
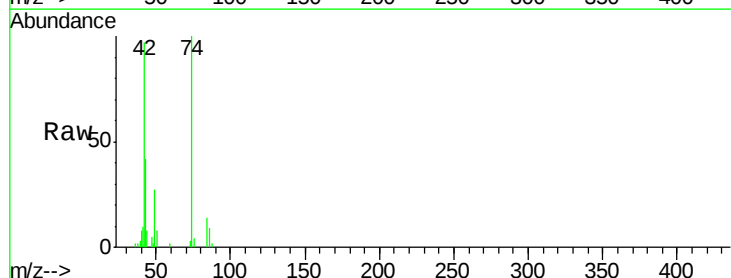
Tgt Ion: 42 Resp: 47287

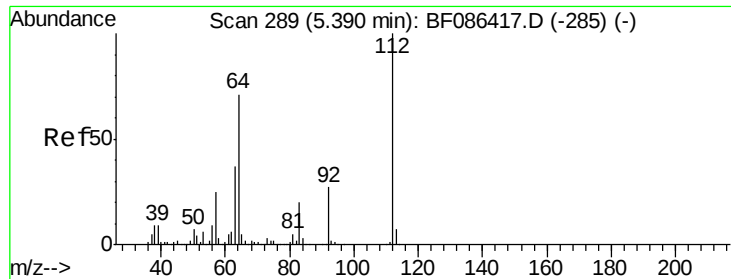
Ion Ratio Lower Upper

42 100

74 103.1 123.4 185.0#

44 7.9 5.8 8.6





#5

2-Fluorophenol

Concen: 21.09 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

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ClientSampleId :

SSTDICC010

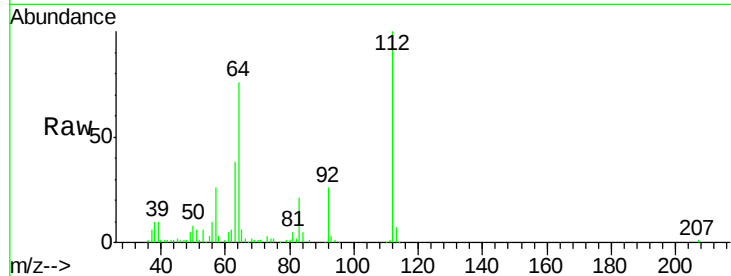
Tot Ion:112 Resp: 165112

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

63 38.4 25.7 38.5

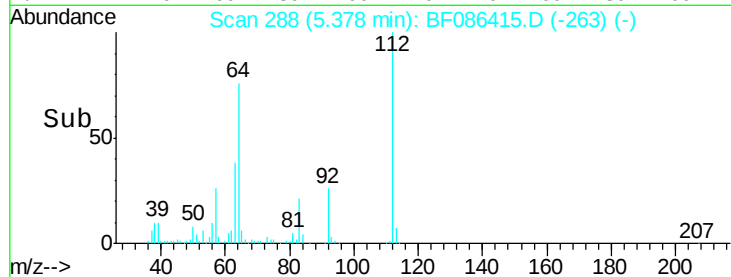


Abundance Ion 112.00 (111.70 to 112.70): B

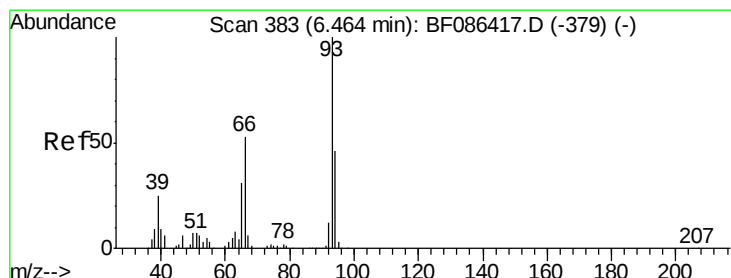
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.38



Time-->



#6

Aniline

Concen: 10.32 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

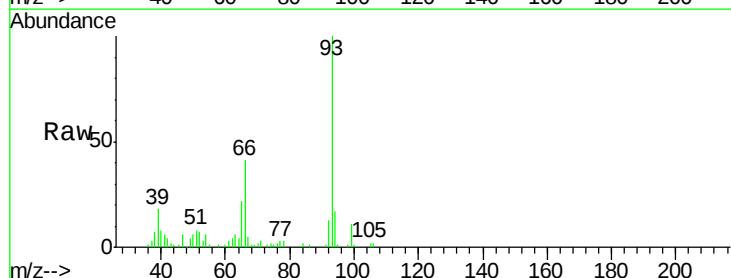
Tgt Ion: 93 Resp: 134059

Ion Ratio Lower Upper

93 100

66 40.6 39.0 58.6

65 22.1 20.6 31.0

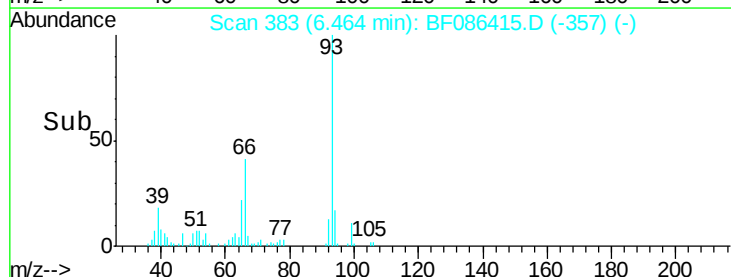


Abundance Ion 93.00 (92.70 to 93.70): BF0

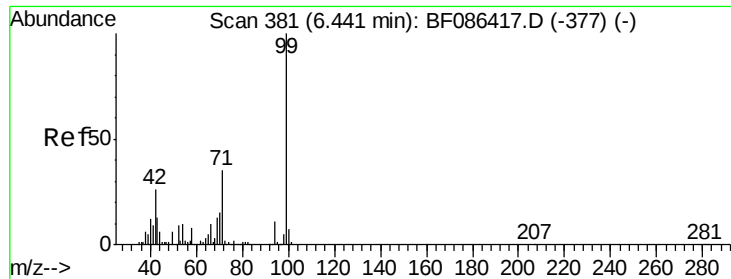
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.46



Time-->



#7

Phenol-d6

Concen: 23.03 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

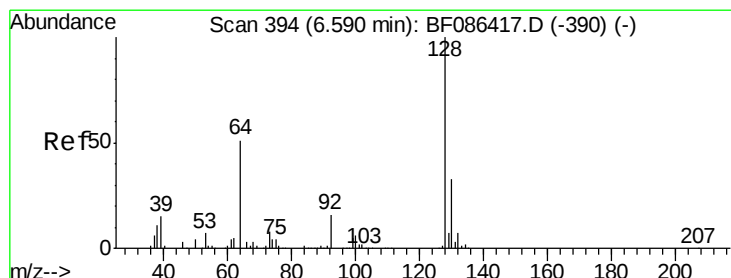
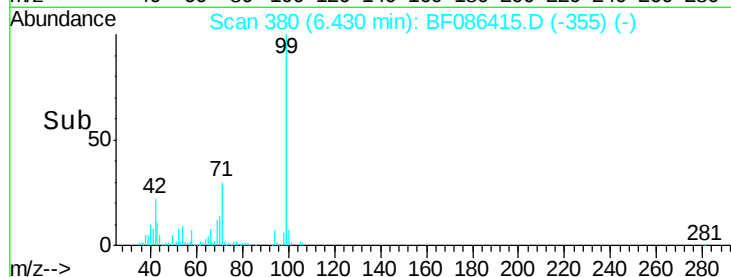
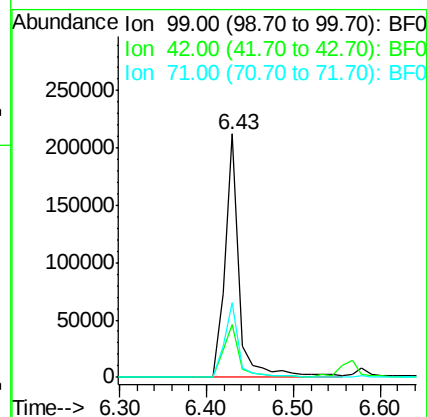
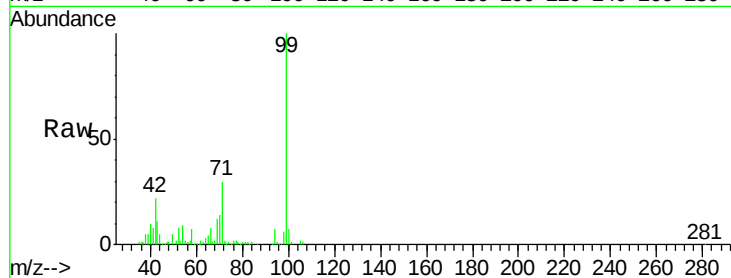
Tot Ion: 99 Resp: 245077

Ion Ratio Lower Upper

99 100

42 21.9 13.6 20.4#

71 30.5 24.6 36.8



#8

2-Chlorophenol

Concen: 11.16 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

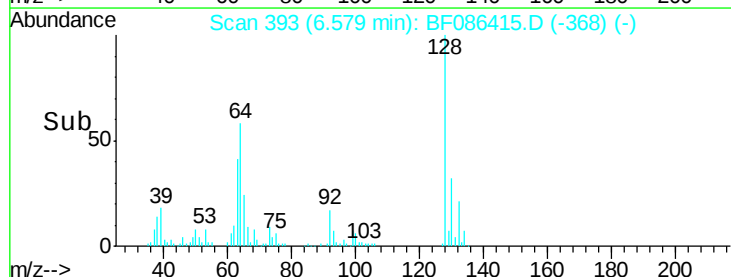
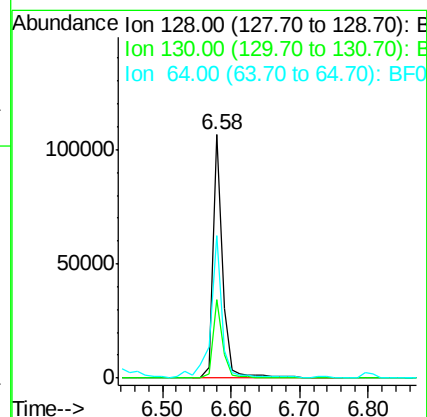
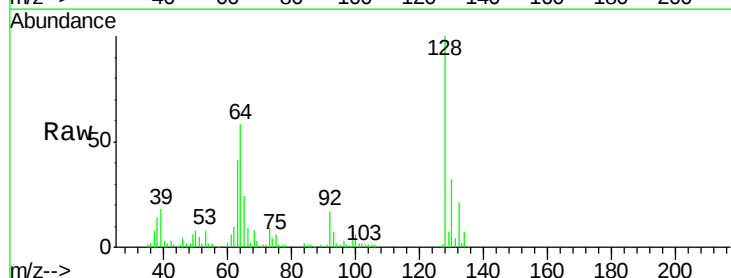
Tgt Ion: 128 Resp: 106656

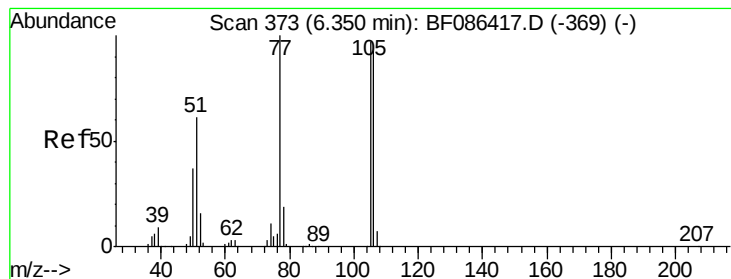
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 58.4 27.3 67.3





#9

Benzaldehyde

Concen: 11.58 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

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ClientSampleId :

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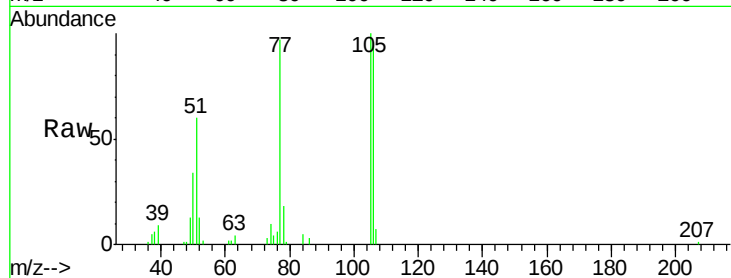
Tot Ion: 77 Resp: 74844

Ion Ratio Lower Upper

77 100

105 103.2 72.7 112.7

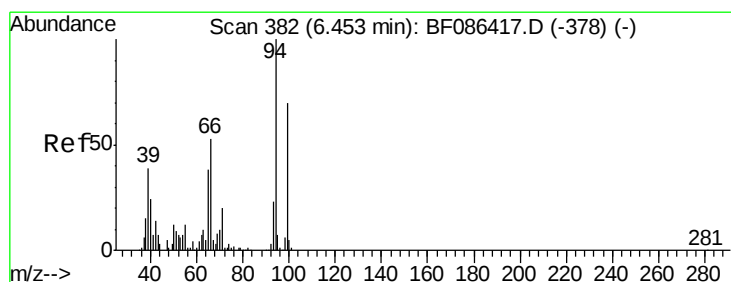
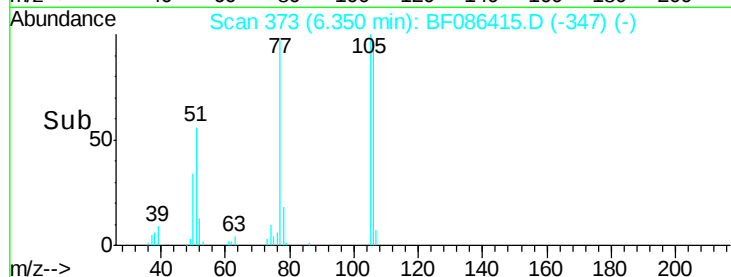
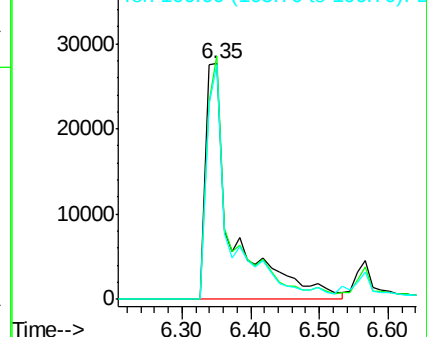
106 99.3 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 10.83 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

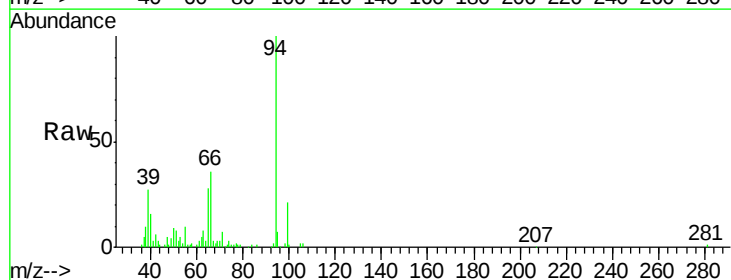
Tgt Ion: 94 Resp: 136124

Ion Ratio Lower Upper

94 100

65 27.7 7.2 47.2

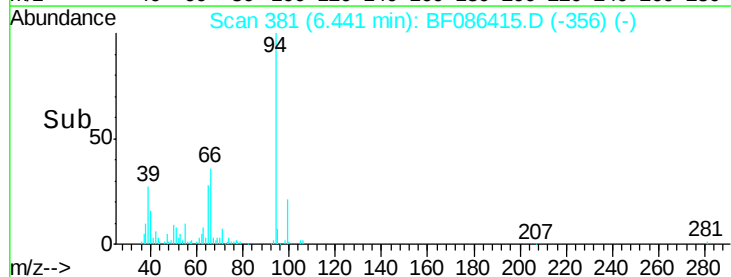
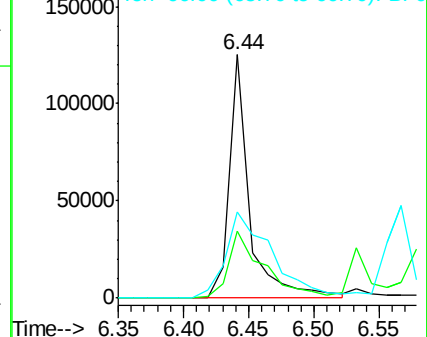
66 35.6 14.9 54.9

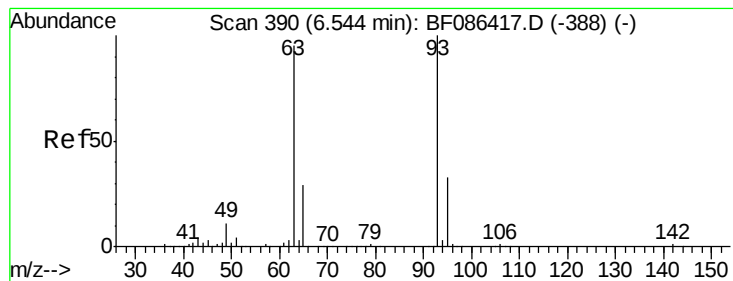


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

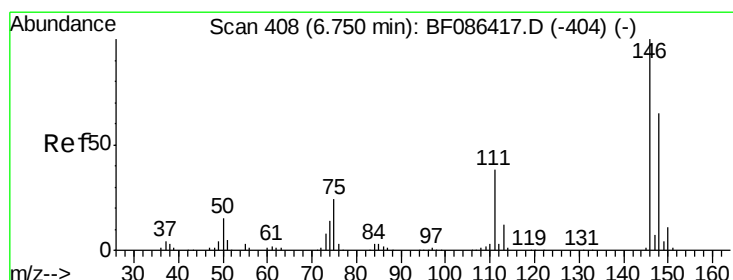
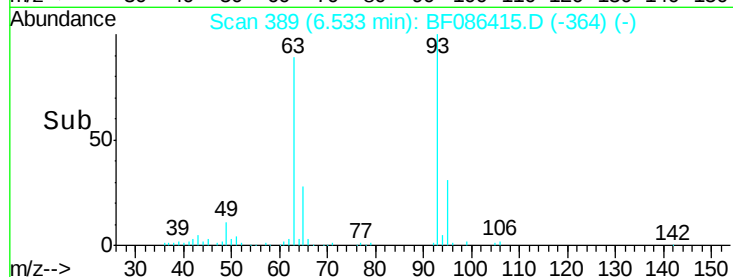
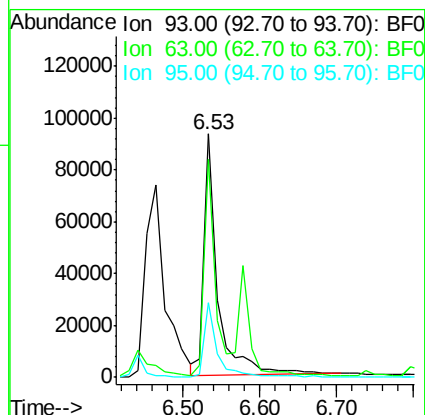
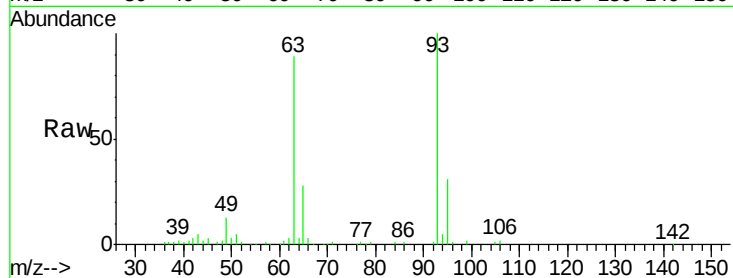




#11
bis(2-Chloroethyl)ether
Concen: 10.65 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

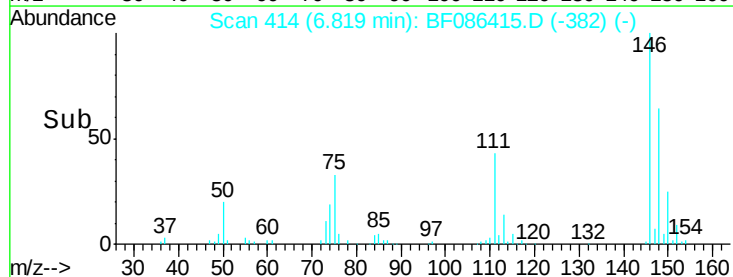
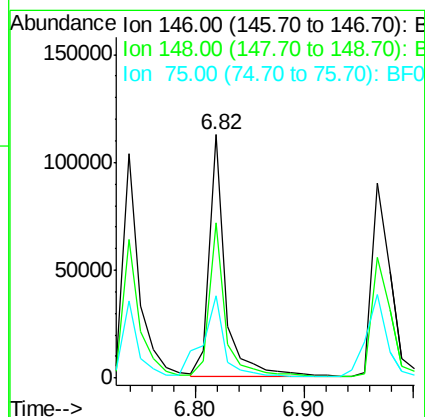
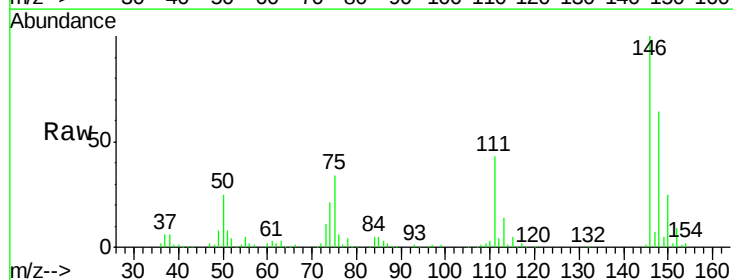
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

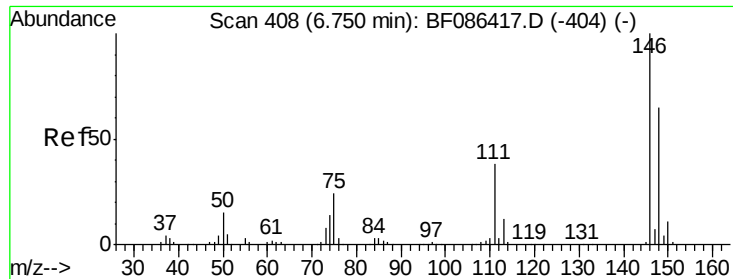
Tot Ion: 93 Resp: 116521
Ion Ratio Lower Upper
93 100
63 89.5 58.0 98.0
95 30.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 11.27 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.07 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion: 146 Resp: 114882
Ion Ratio Lower Upper
146 100
148 63.6 52.4 78.6
75 33.7 22.8 34.2

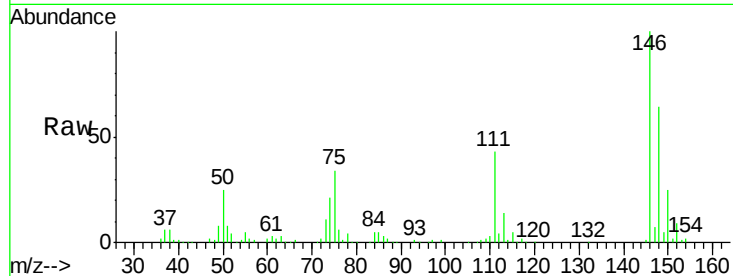




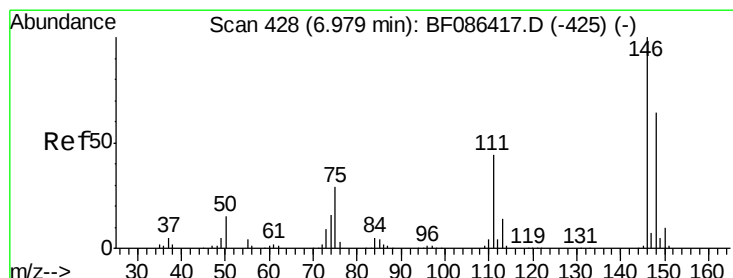
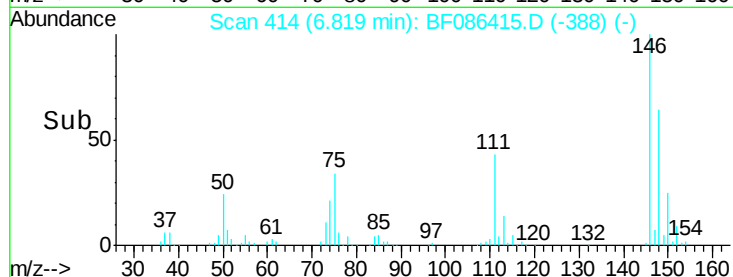
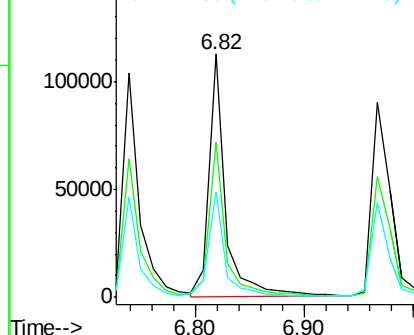
#13
 1,4-Dichlorobenzene
 Concen: 10.71 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:146 Resp: 119931
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 43.3 30.7 46.1

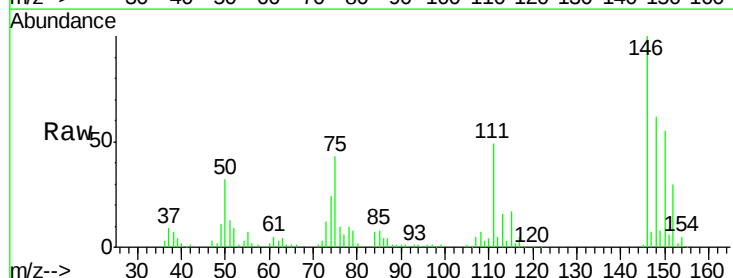


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

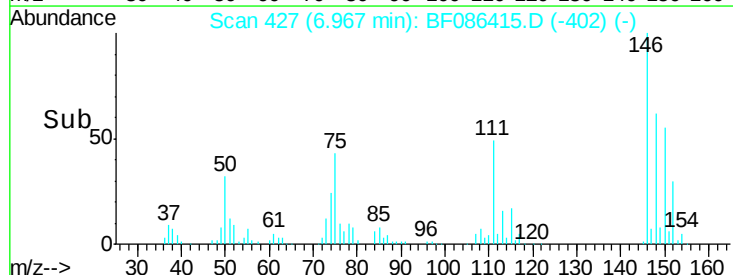
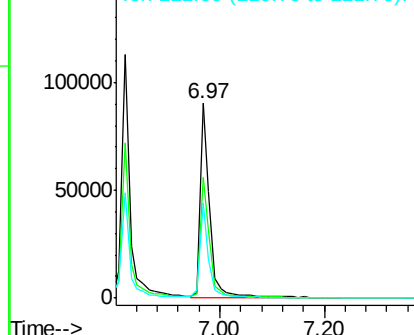


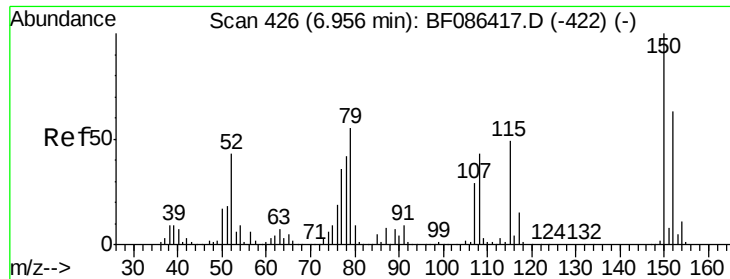
#14
 1,2-Dichlorobenzene
 Concen: 11.60 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:146 Resp: 118004
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.0 76.6
 111 49.0 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

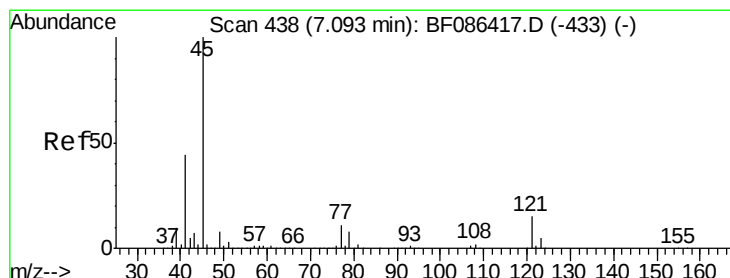
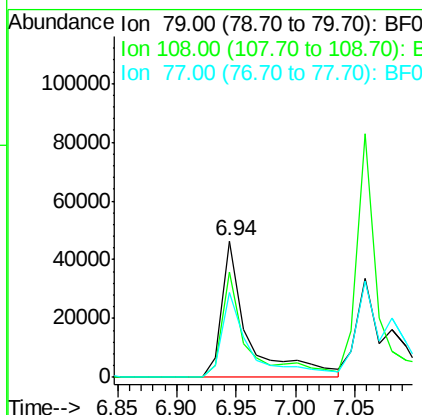
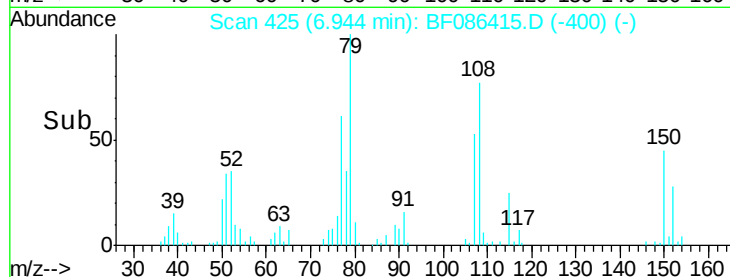
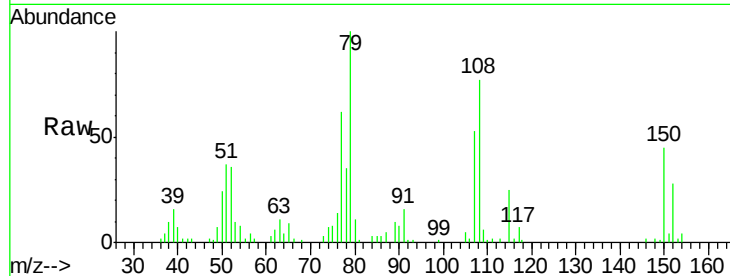




#15
Benzyl Alcohol
Concen: 11.32 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

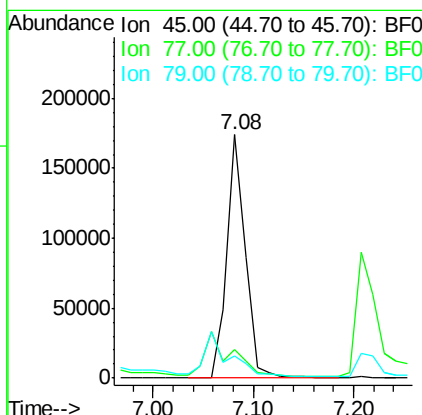
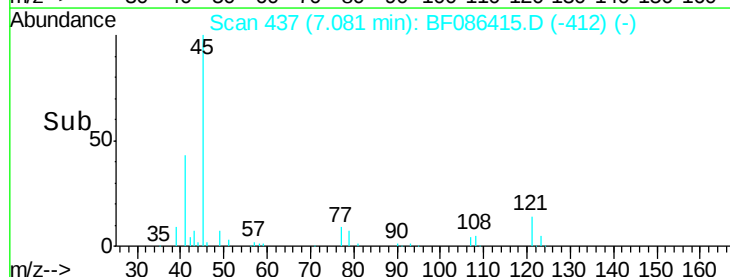
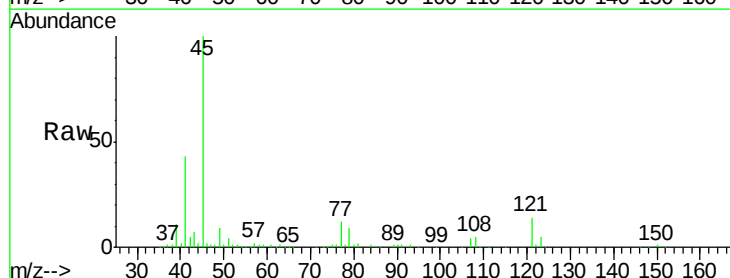
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

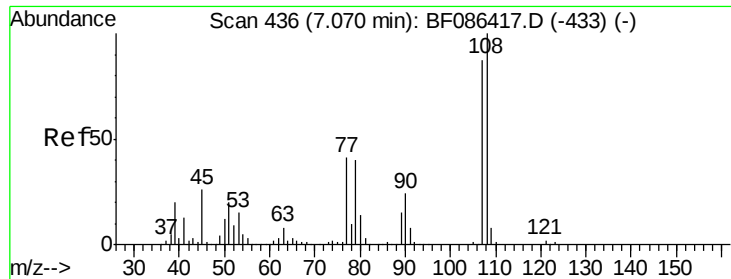
Tot Ion: 79 Resp: 71516
Ion Ratio Lower Upper
79 100
108 77.2 68.4 102.6
77 62.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.63 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion: 45 Resp: 224220
Ion Ratio Lower Upper
45 100
77 11.6 0.0 36.4
79 9.3 0.0 33.4





#17

2-Methylphenol

Concen: 10.94 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:107 Resp: 85686

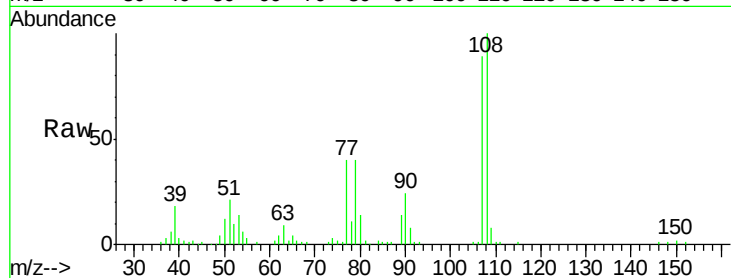
Ion Ratio Lower Upper

107 100

108 112.2 93.7 140.5

77 44.5 33.4 50.0

79 45.4 34.3 51.5

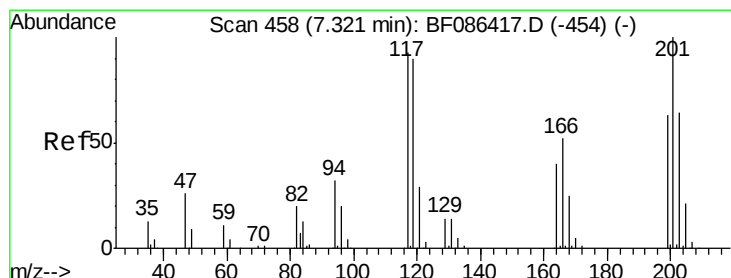
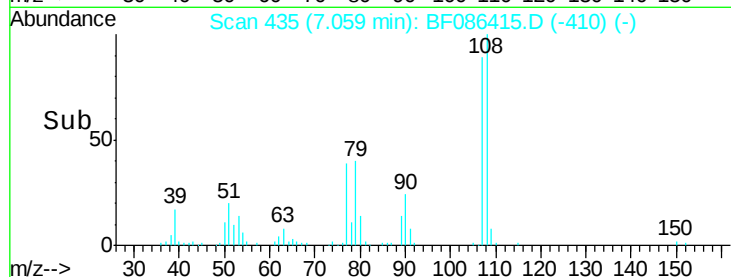
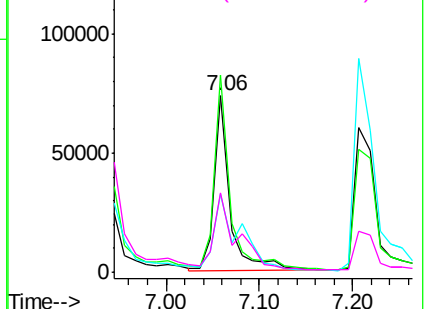


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 10.89 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

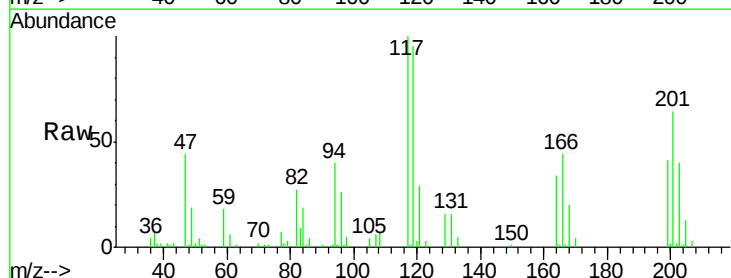
Tgt Ion:117 Resp: 41084

Ion Ratio Lower Upper

117 100

119 94.8 76.5 114.7

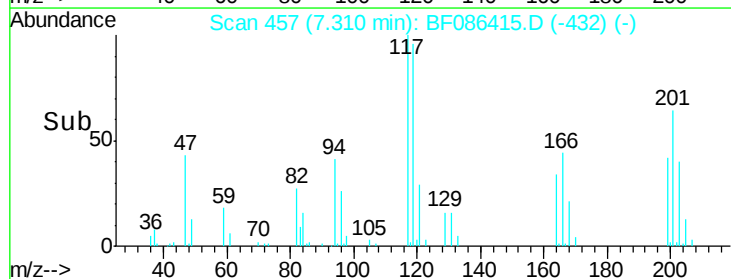
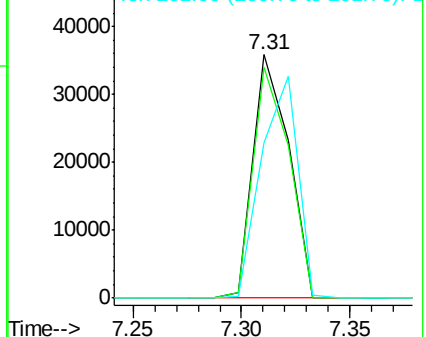
201 63.7 63.0 94.6

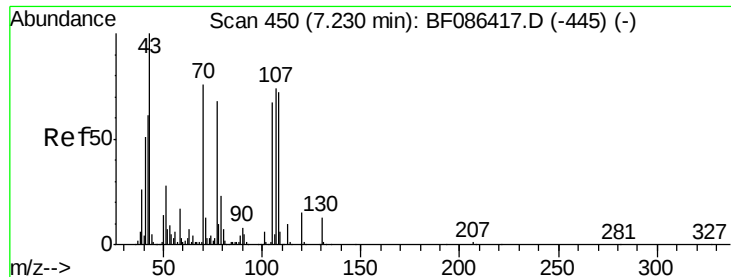


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

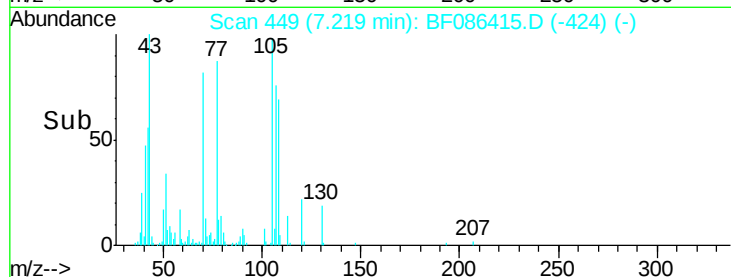
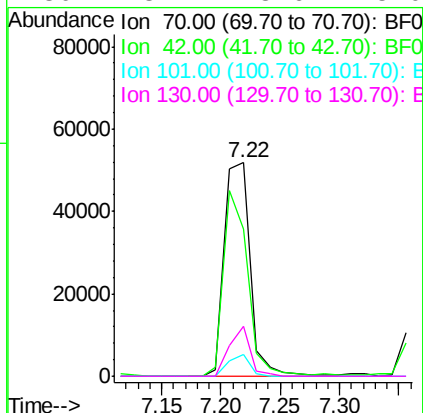
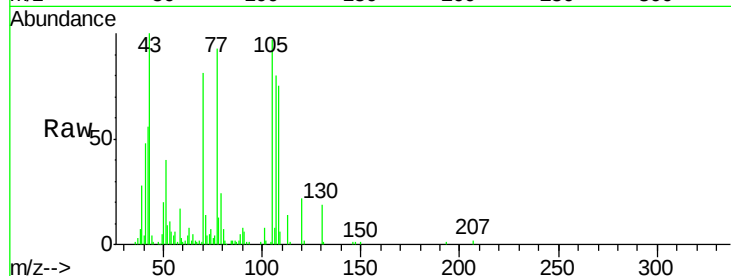




#19
n-Nitroso-di-n-propylamine
Concen: 12.38 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

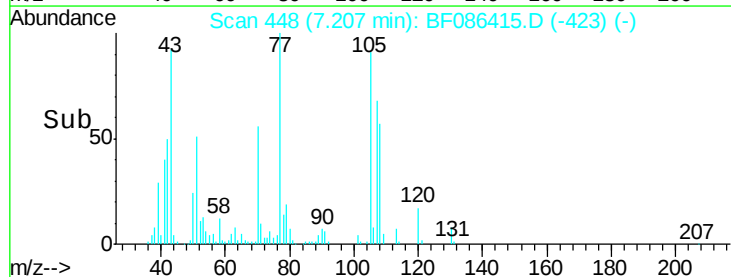
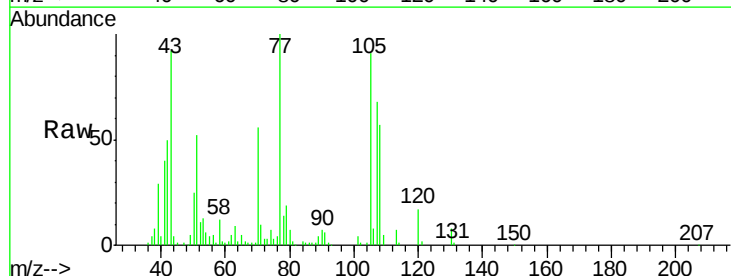
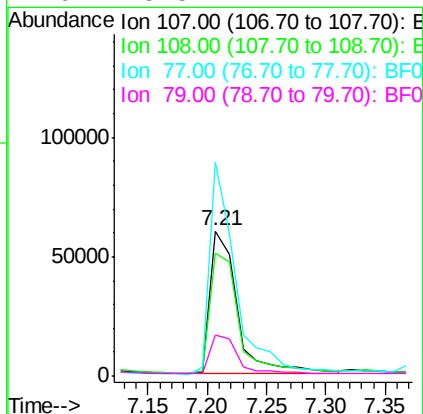
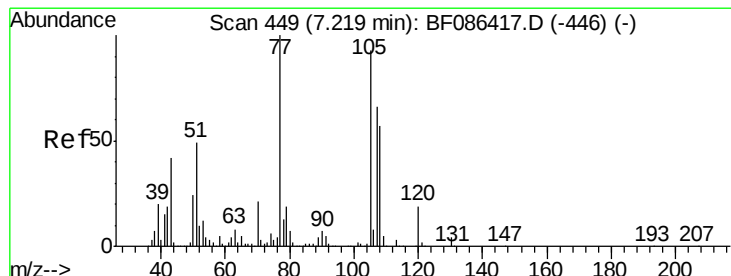
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

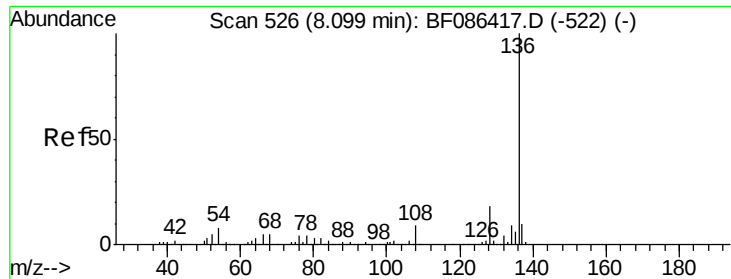
Tot Ion	Ratio	Lower	Upper
70	100		
42	69.0	43.1	64.7#
101	10.2	8.1	12.1
130	23.2	18.6	28.0



#20
3+4-Methylphenols
Concen: 11.73 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	68.5	108.5
77	147.4	101.6	141.6#
79	28.5	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: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tot Ion:136 Resp: 600493

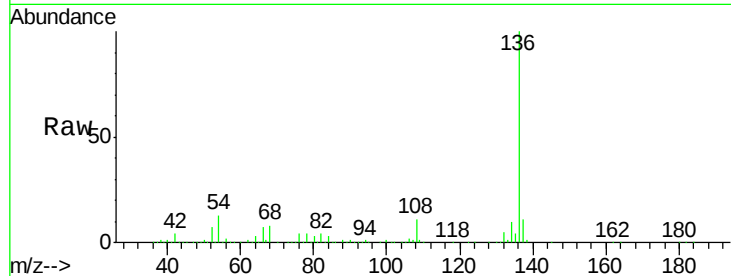
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.8 5.0 7.4#

68 7.6 4.4 6.6#

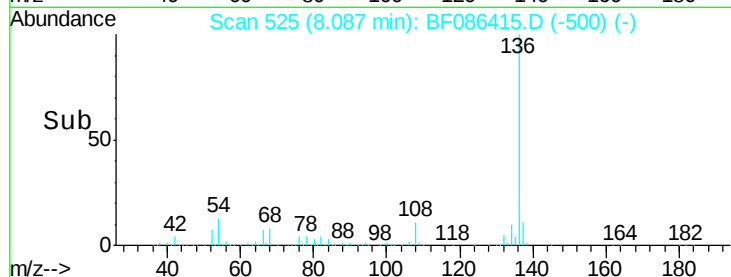


Abundance Ion 136.00 (135.70 to 136.70): E

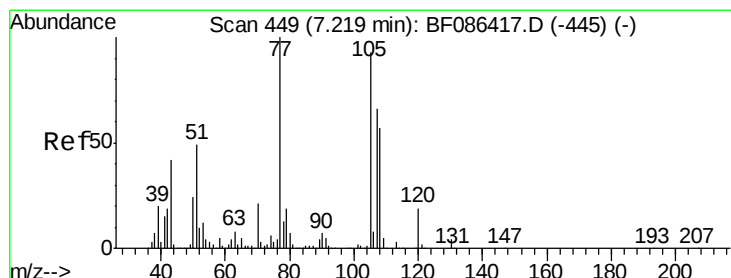
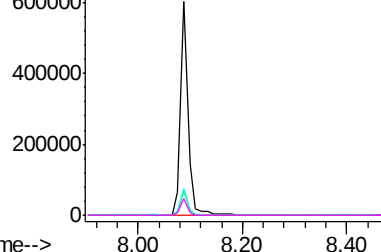
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 11.08 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Tgt Ion:105 Resp: 139554

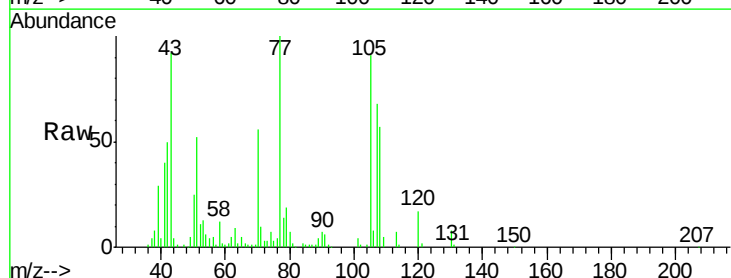
Ion Ratio Lower Upper

105 100

71 10.5 4.8 7.2#

51 57.2 32.6 49.0#

120 19.0 16.5 24.7

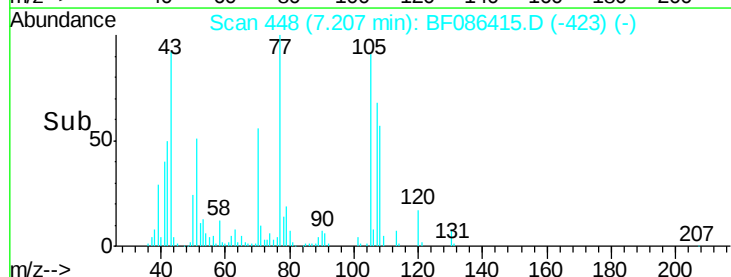


Abundance Ion 105.00 (104.70 to 105.70): E

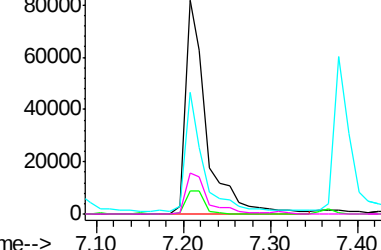
Ion 71.00 (70.70 to 71.70): BF0

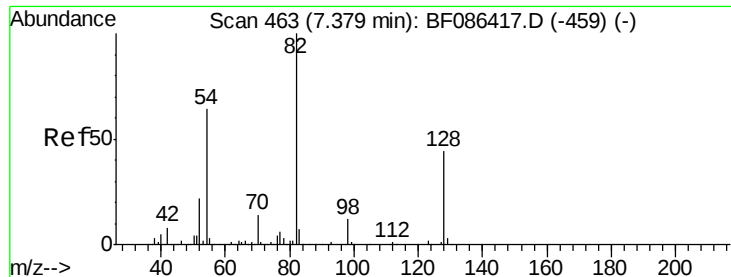
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

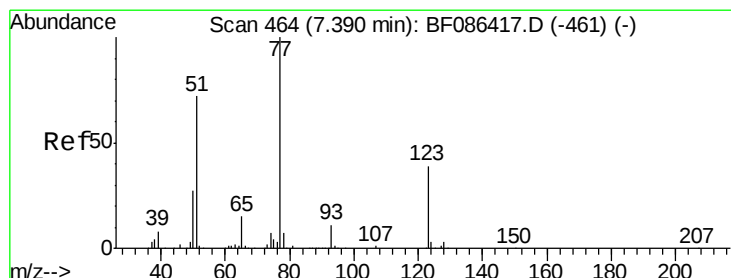
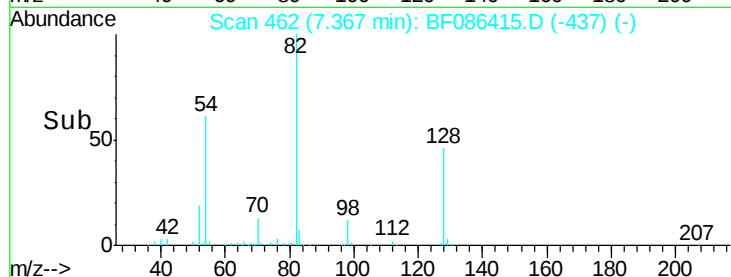
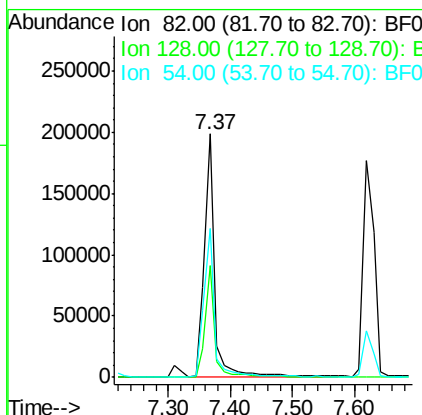
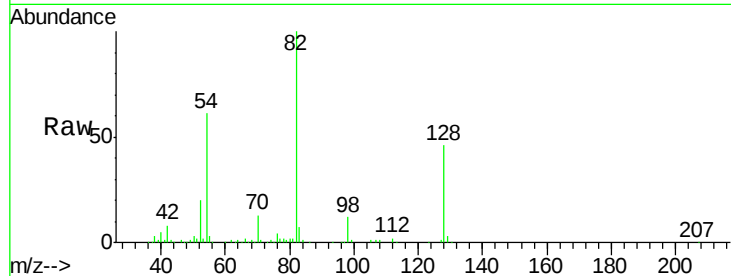




#23
Nitrobenzene-d5
Concen: 23.39 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

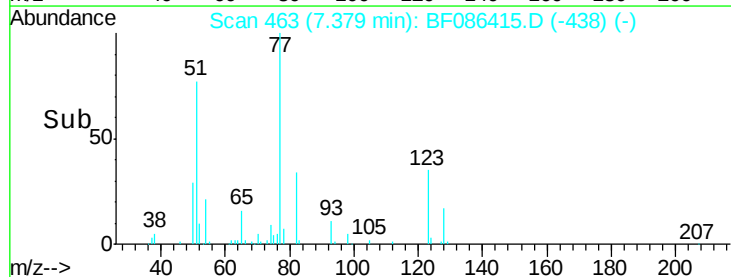
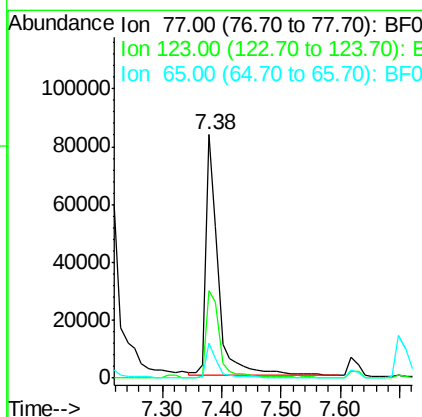
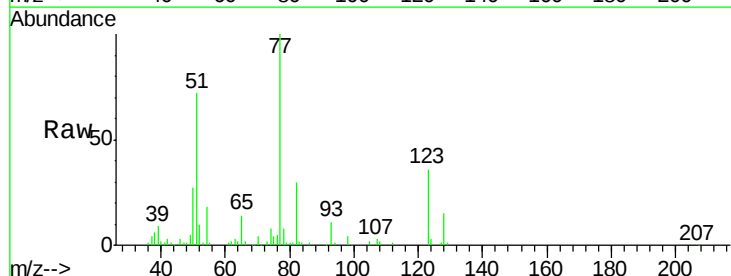
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

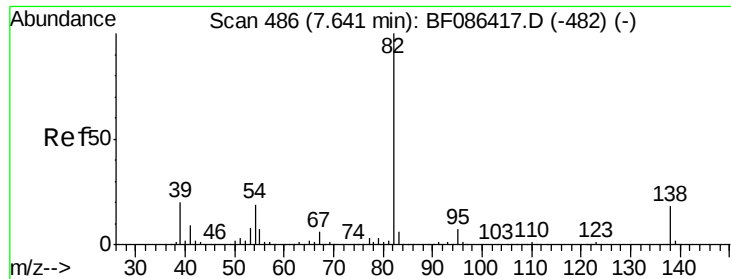
Tot Ion: 82 Resp: 237142
Ion Ratio Lower Upper
82 100
128 46.1 40.6 61.0
54 61.1 38.1 57.1#



#24
Nitrobenzene
Concen: 11.01 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion: 77 Resp: 119755
Ion Ratio Lower Upper
77 100
123 35.9 33.0 49.4
65 14.2 10.8 16.2





#25

Isophorone

Concen: 10.47 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

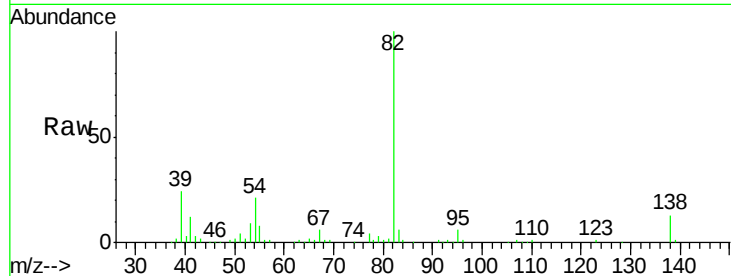
Tot Ion: 82 Resp: 208089

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

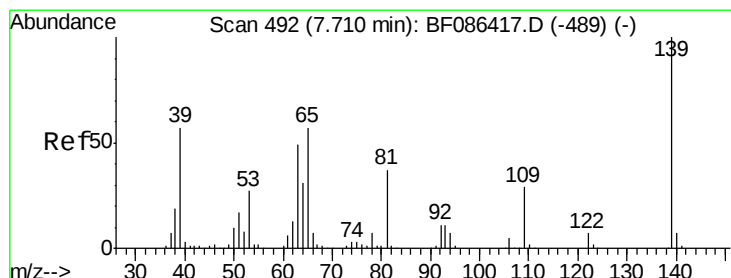
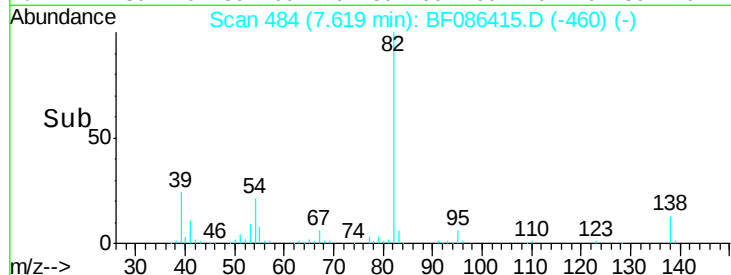
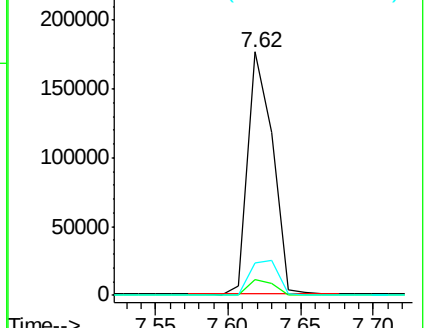
138 13.4 12.4 18.6



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: 8.67 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

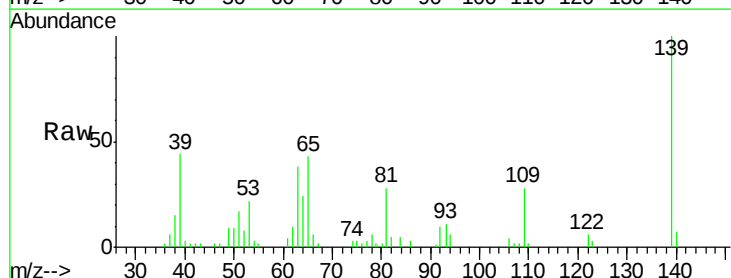
Tgt Ion: 139 Resp: 46600

Ion Ratio Lower Upper

139 100

109 27.5 19.5 29.3

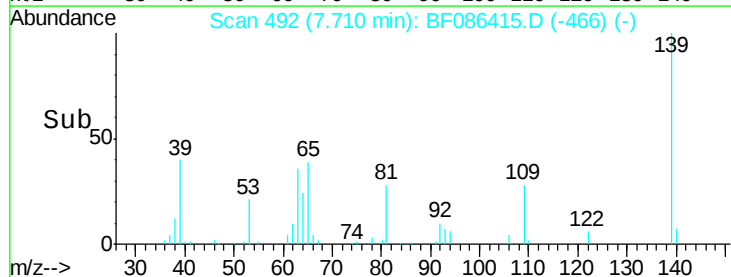
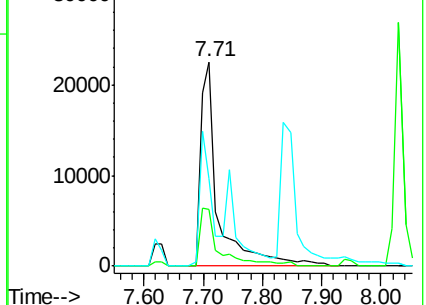
65 42.9 37.5 56.3

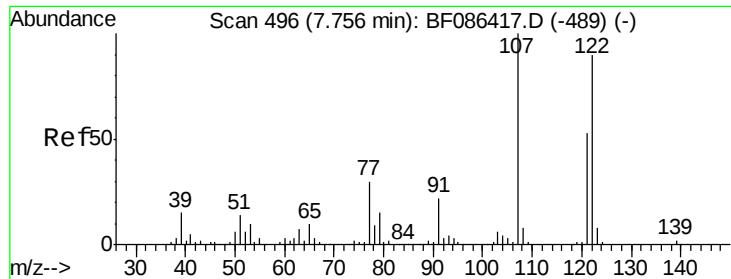


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 10.33 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

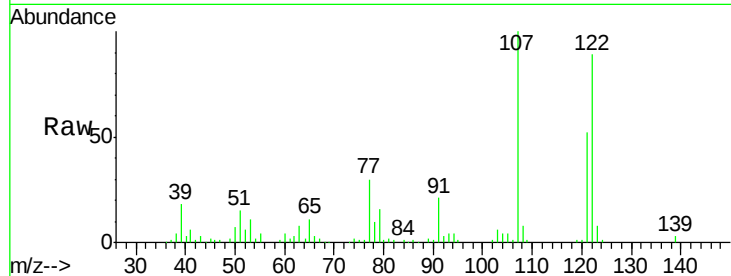
Tot Ion:122 Resp: 95016

Ion Ratio Lower Upper

122 100

107 111.8 82.0 123.0

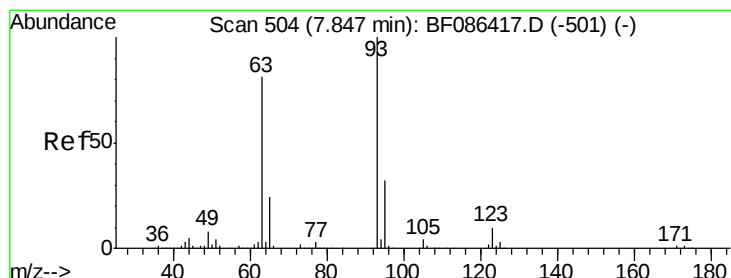
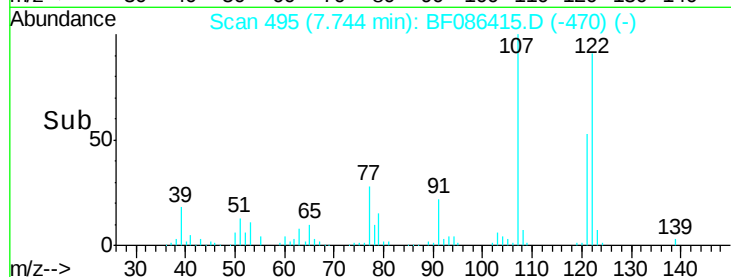
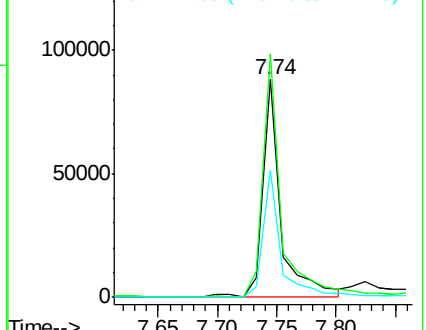
121 58.4 46.1 69.1



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: 10.67 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

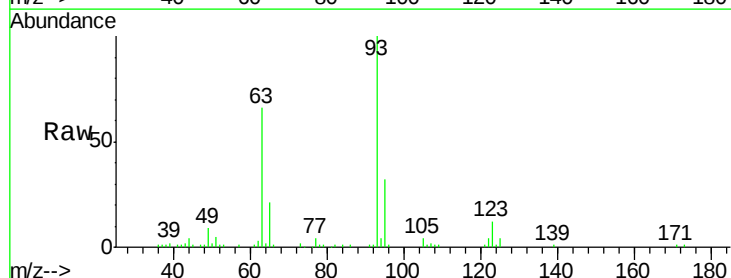
Tgt Ion: 93 Resp: 118339

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

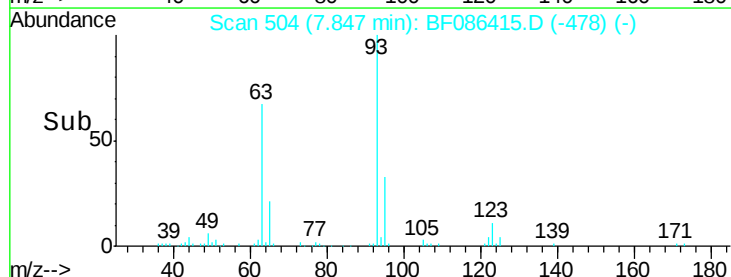
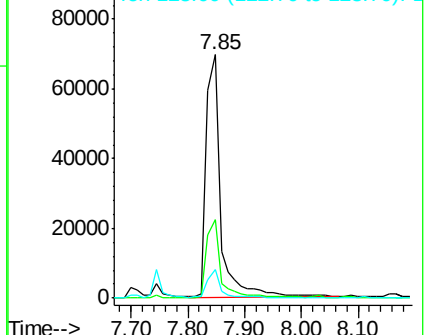
123 11.6 9.5 14.3

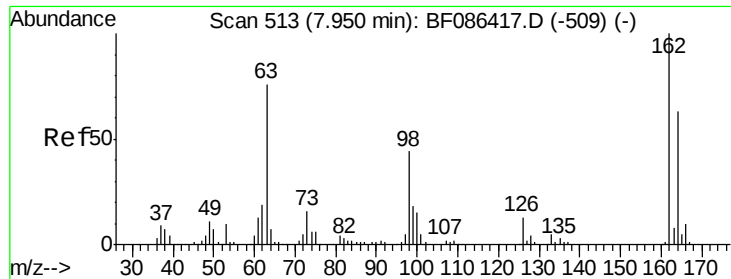


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

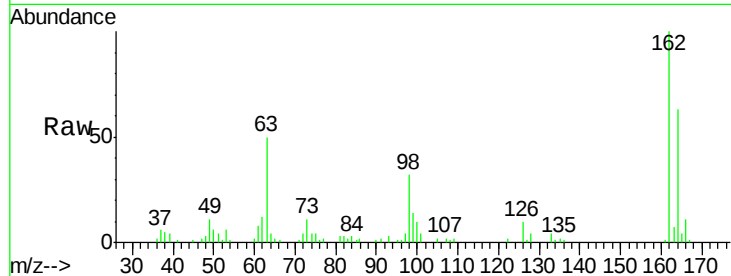




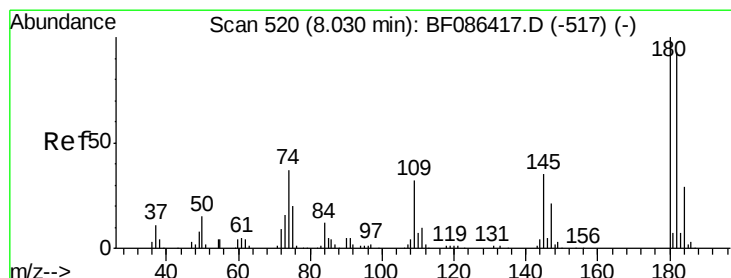
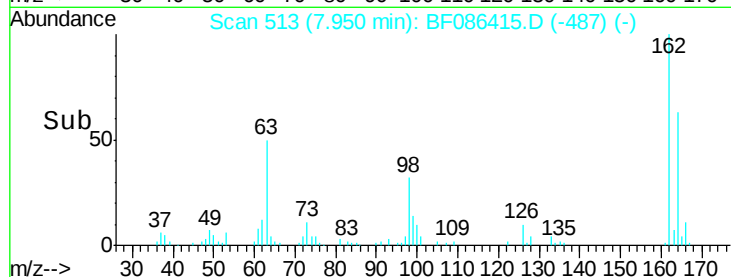
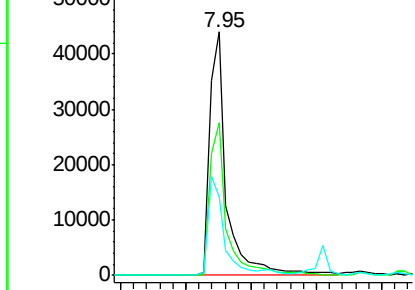
#29
2,4-Dichlorophenol
Concen: 10.52 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.2	82.2
98	32.3	19.0	59.0

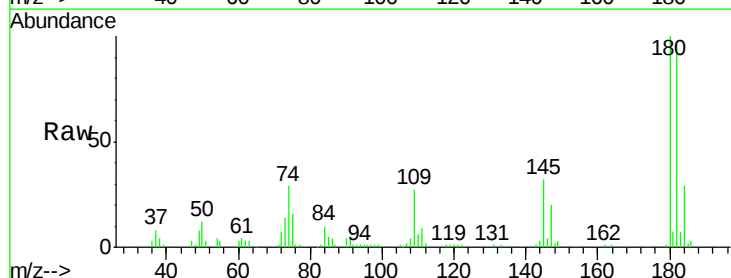


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

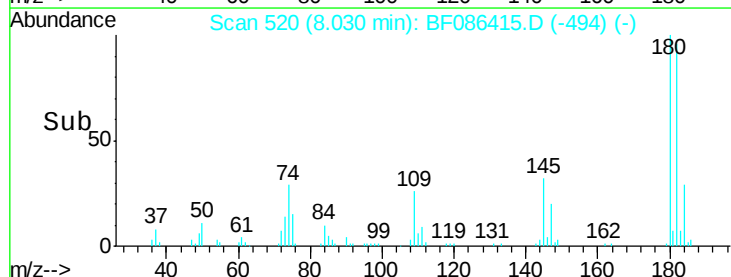
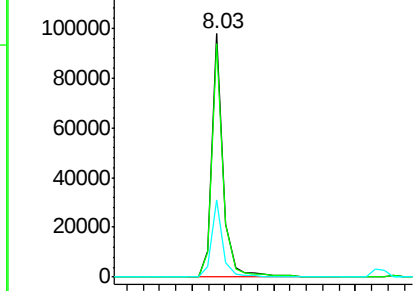


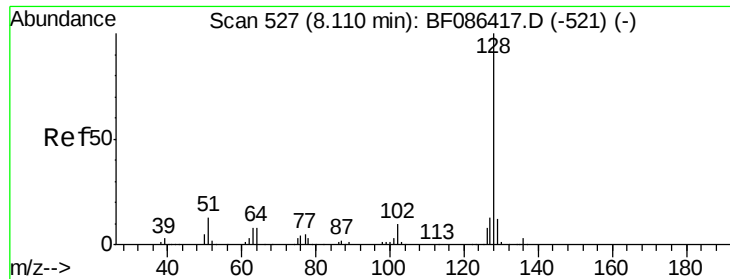
#30
1,2,4-Trichlorobenzene
Concen: 11.71 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	78.0	117.0
145	31.8	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

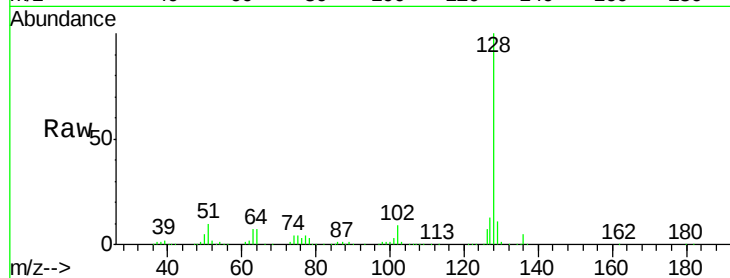




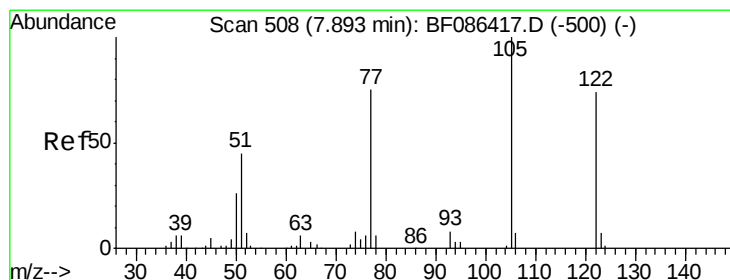
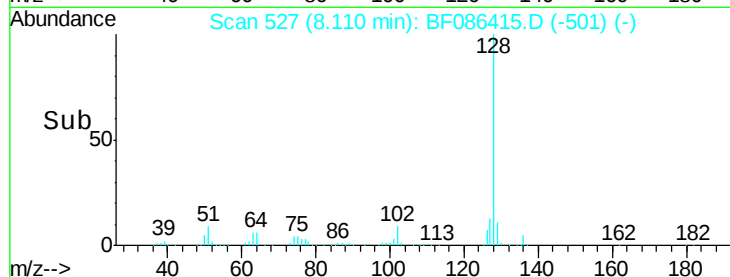
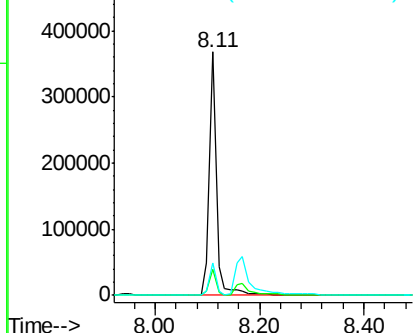
#31
Naphthalene
Concen: 11.55 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:128 Resp: 353267
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 10.8 16.2

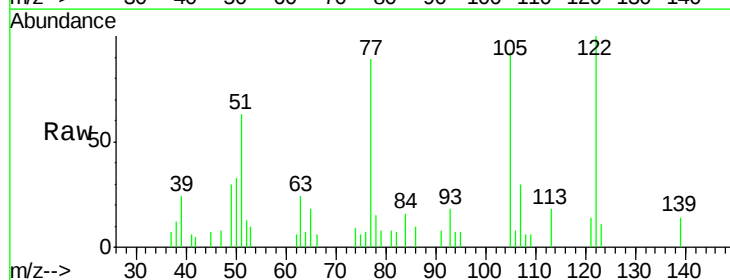


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

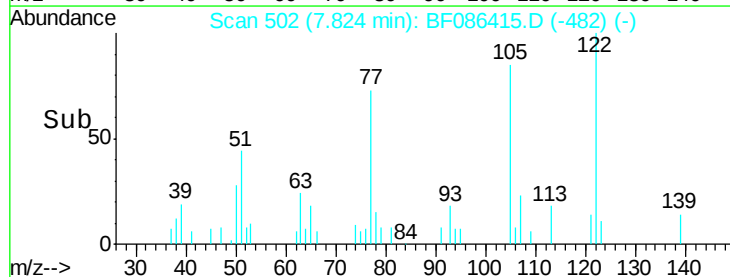
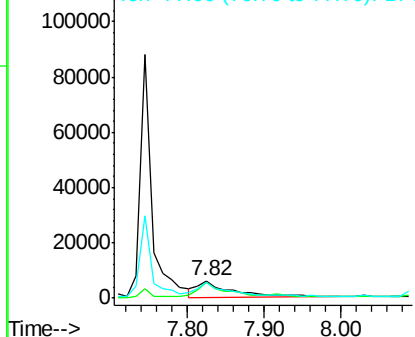


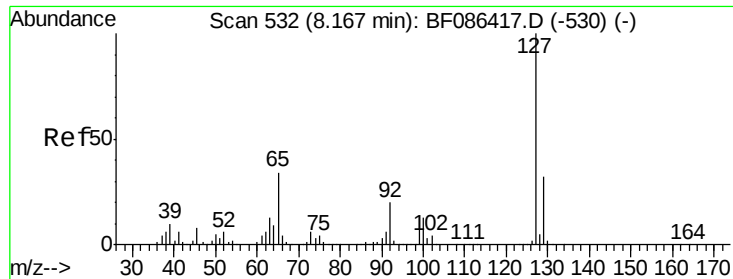
#32
Benzoic acid
Concen: 3.13 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion:122 Resp: 18401
Ion Ratio Lower Upper
122 100
105 92.3 92.6 132.6#
77 88.9 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

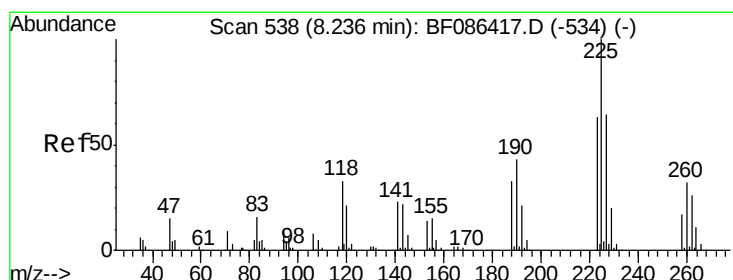
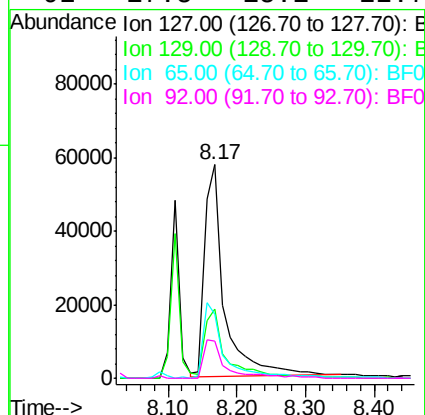
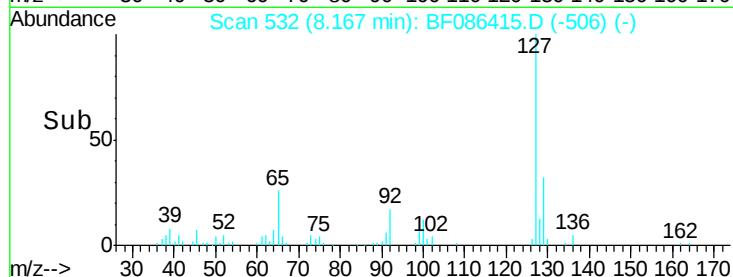
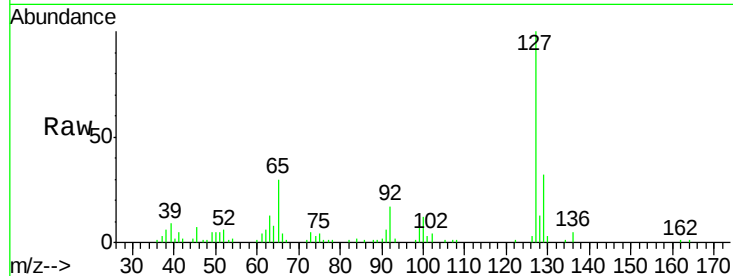




#33
4-Chloroaniline
Concen: 9.71 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

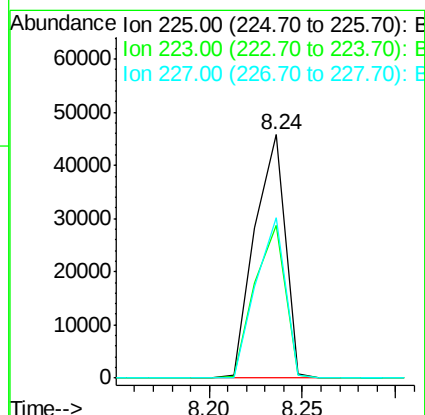
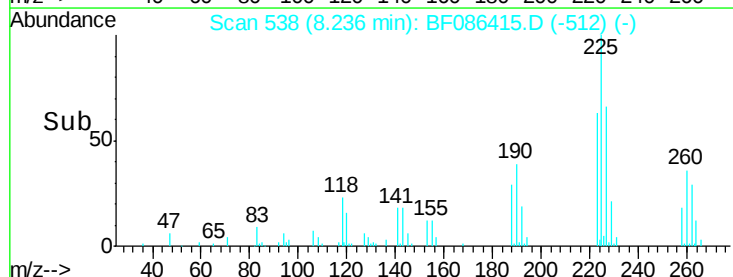
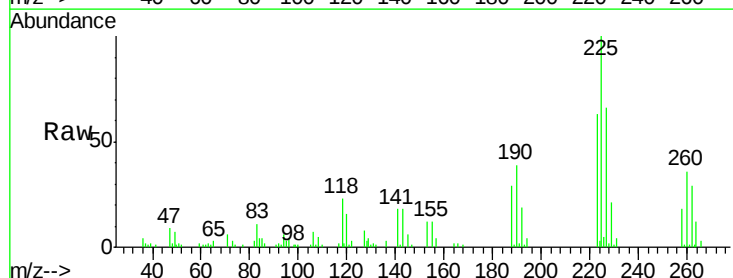
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

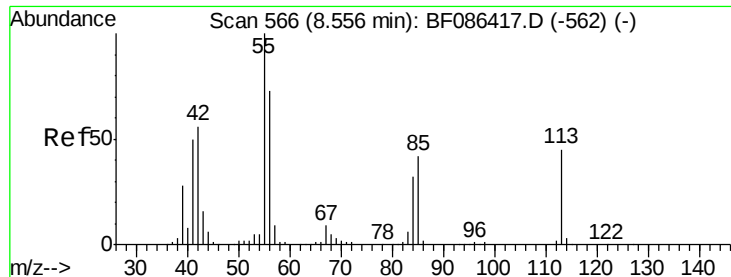
Tot Ion:	127	Resp:	115750
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	29.9	23.0	34.4
92	17.5	15.1	22.7



#34
Hexachlorobutadiene
Concen: 12.53 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion:	225	Resp:	51701
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.5	77.3
227	66.0	52.2	78.2

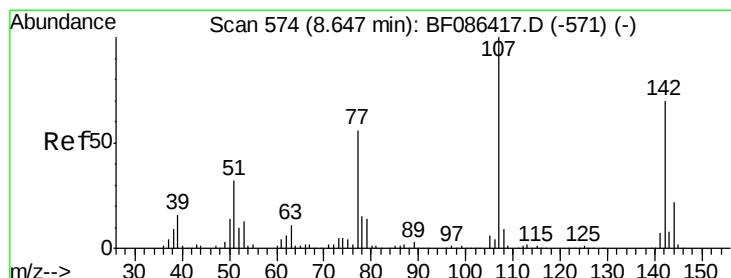
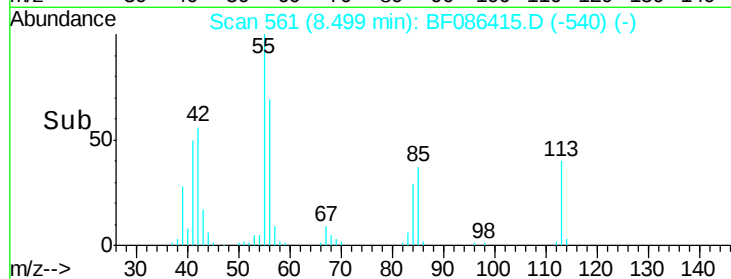
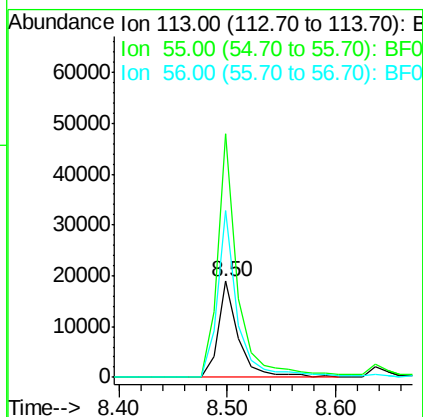
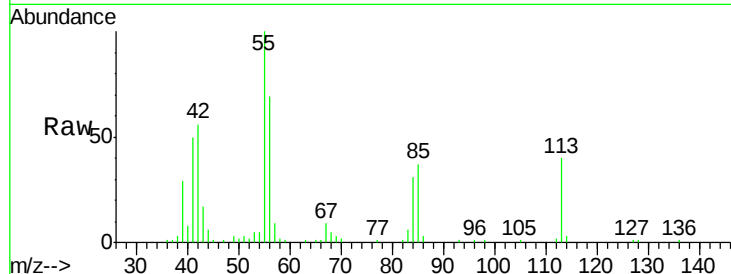




#35
 Caprolactam
 Concen: 9.06 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.06 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

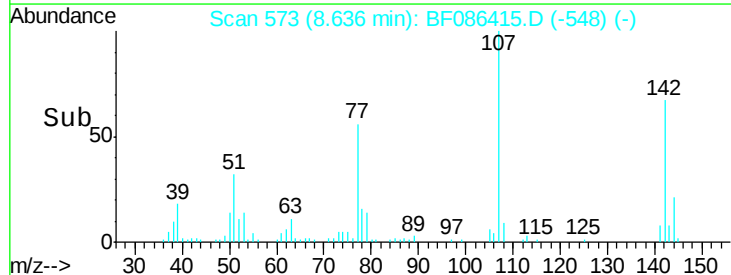
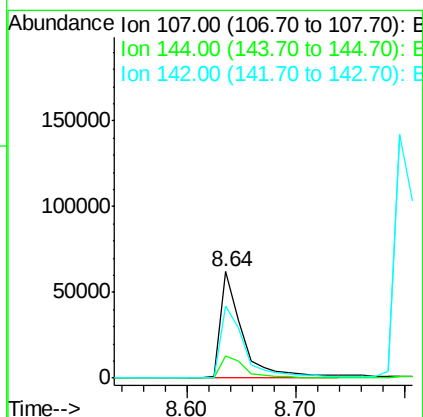
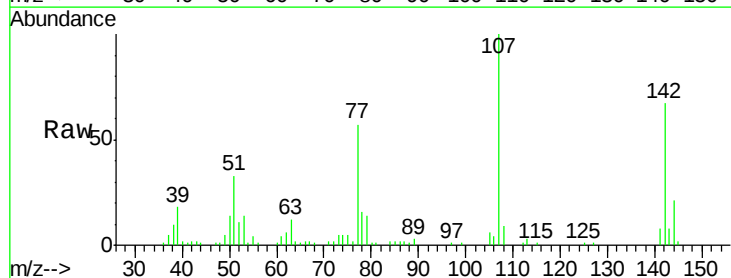
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

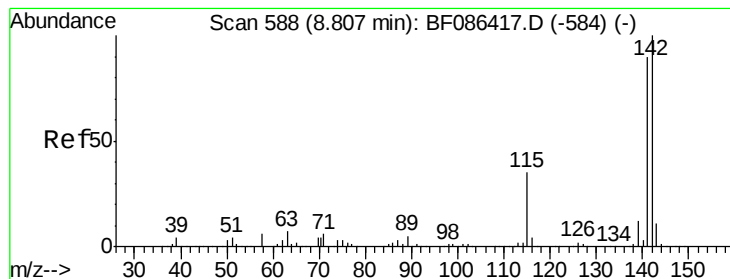
Tot Ion:113 Resp: 24733
 Ion Ratio Lower Upper
 113 100
 55 252.8 162.0 202.0#
 56 173.8 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 9.61 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:107 Resp: 86834
 Ion Ratio Lower Upper
 107 100
 144 21.3 20.7 31.1
 142 67.3 63.2 94.8

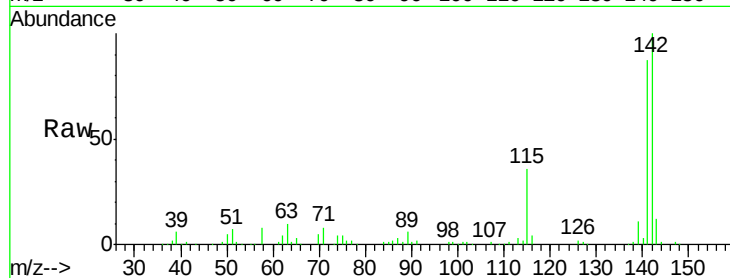




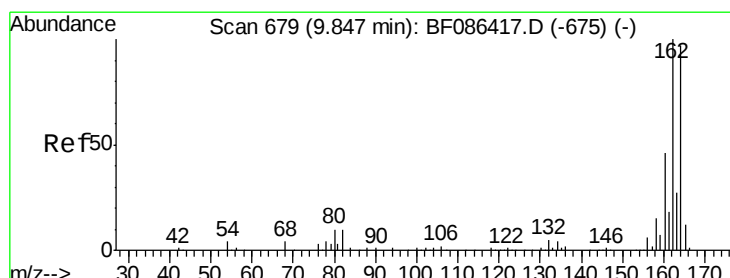
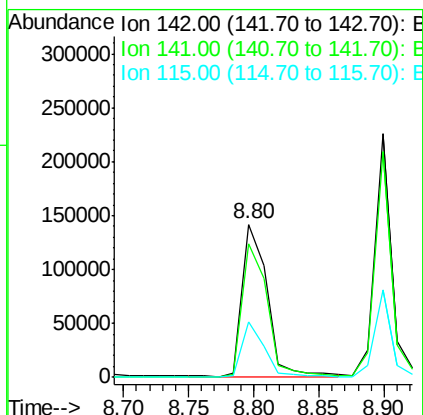
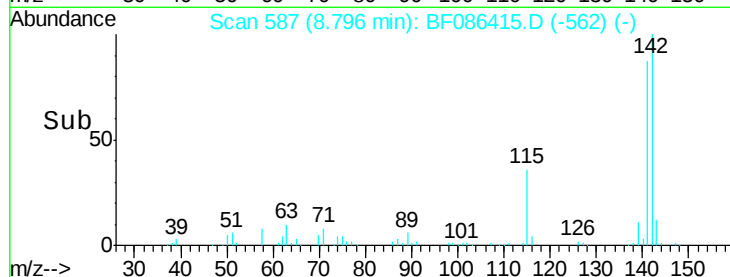
#37
 2-Methylnaphthalene
 Concen: 10.75 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:142 Resp: 189685
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.0 106.6
 115 36.2 26.6 39.8

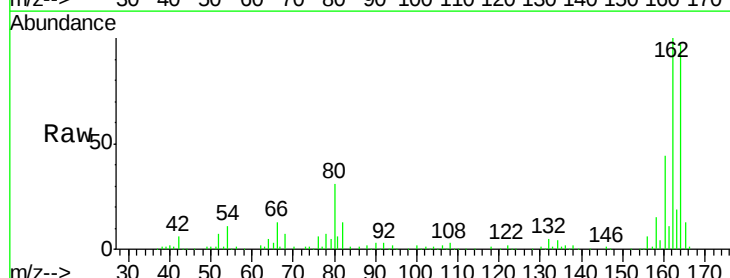


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

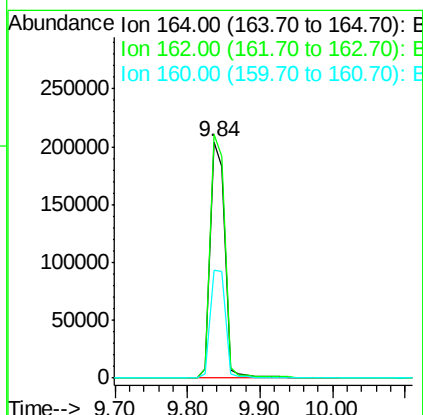
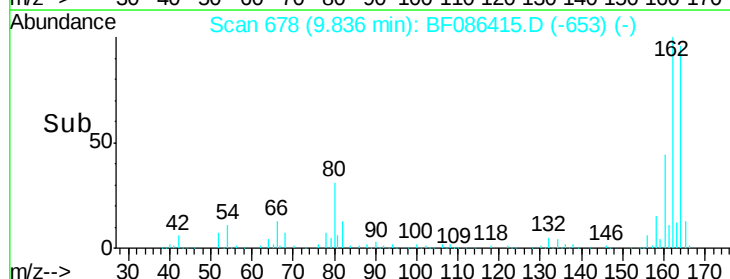


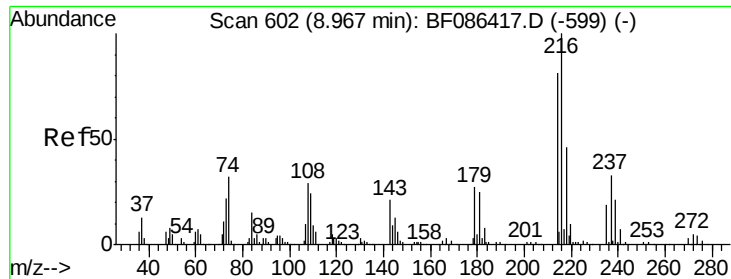
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:164 Resp: 284382
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 12.90 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion:216 Resp: 94934

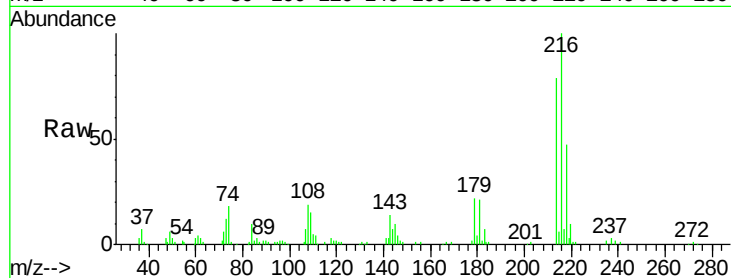
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 22.0 18.2 27.4

108 21.5 17.5 26.3

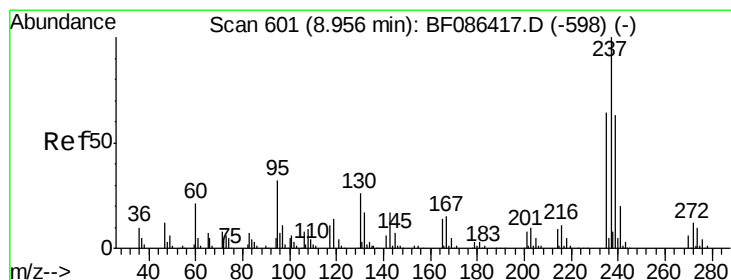
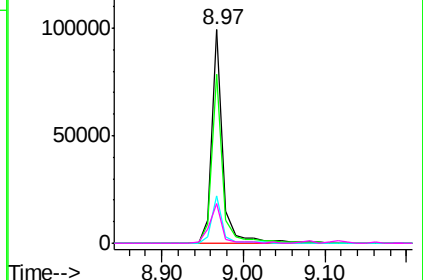
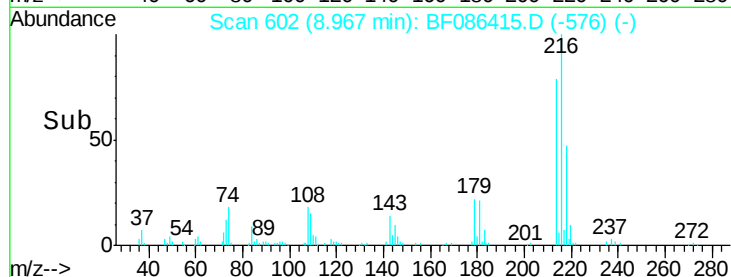


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.64 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

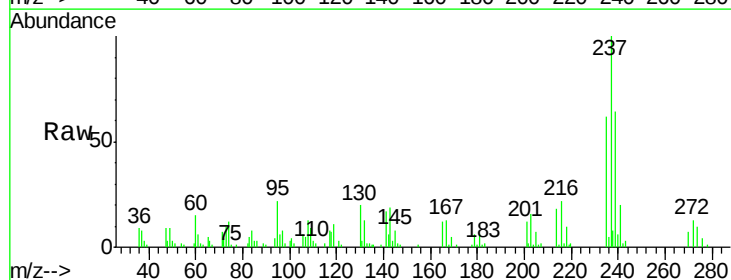
Tgt Ion:237 Resp: 38238

Ion Ratio Lower Upper

237 100

235 61.9 47.2 87.2

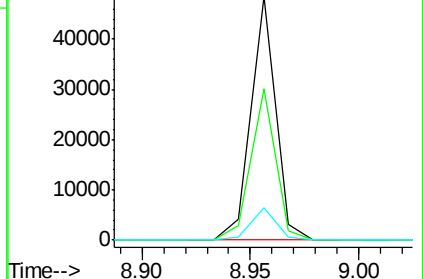
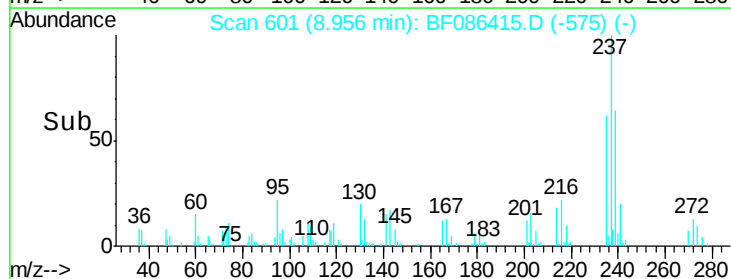
272 13.1 0.0 31.1

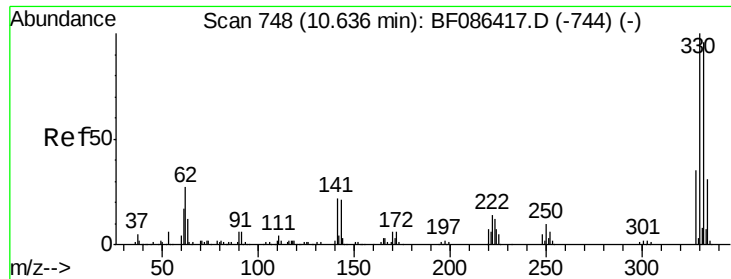


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

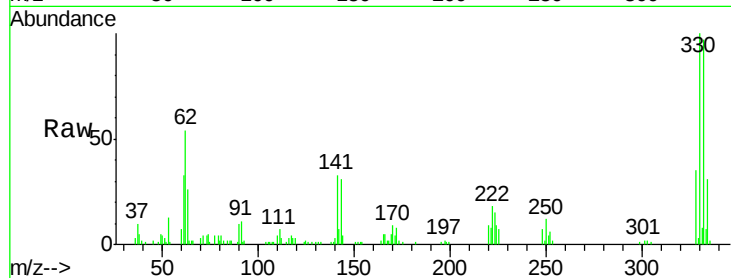




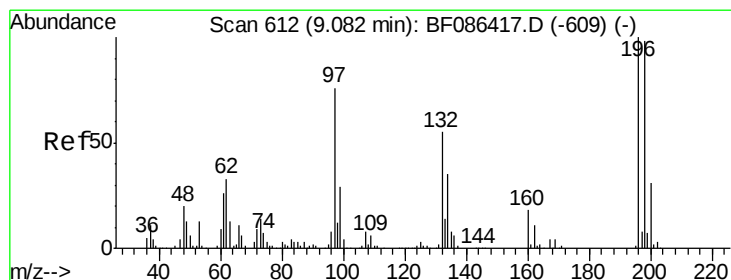
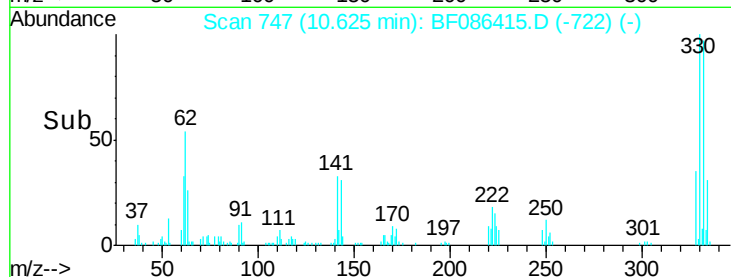
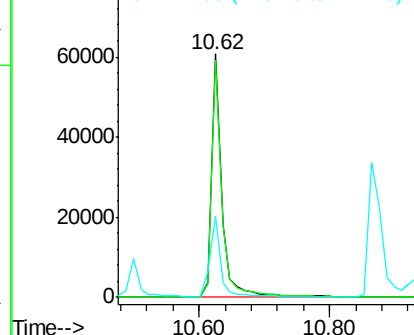
#41
 2,4,6-Tribromophenol
 Concen: 26.07 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:330 Resp: 67108
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 35.5 31.2 46.8

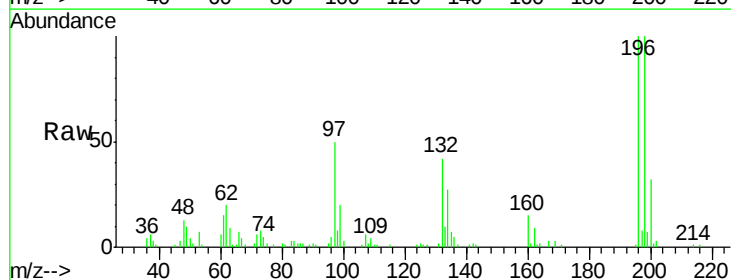


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

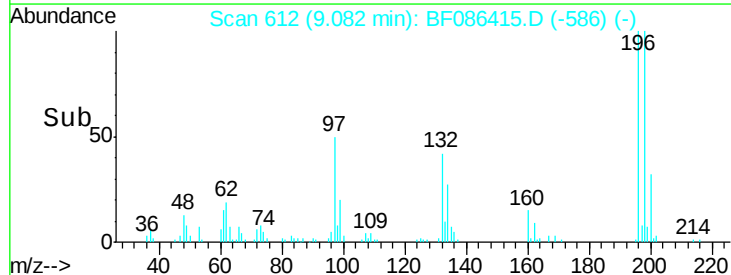
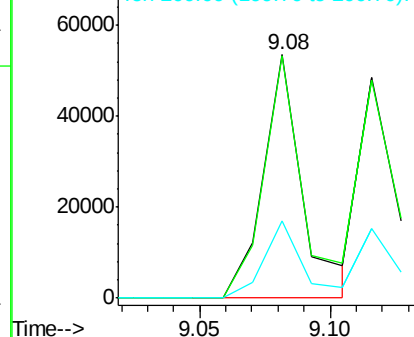


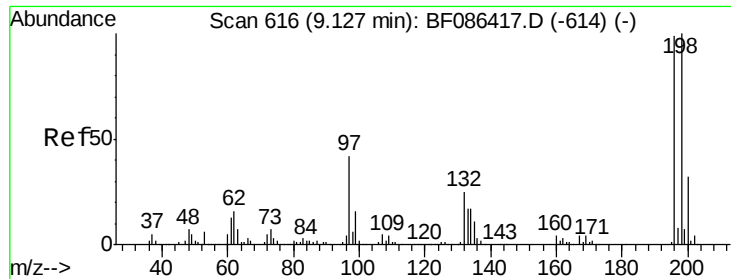
#42
 2,4,6-Trichlorophenol
 Concen: 11.65 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:196 Resp: 56212
 Ion Ratio Lower Upper
 196 100
 198 99.6 74.7 112.1
 200 31.8 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

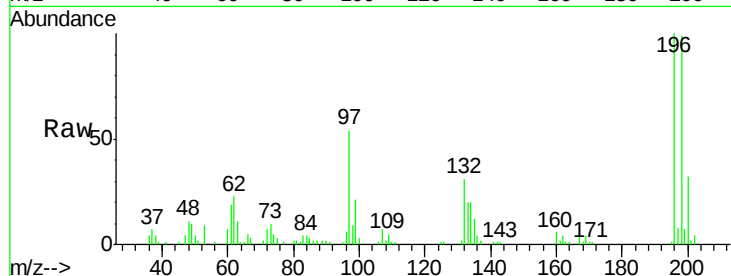




#43
 2,4,5-Trichlorophenol
 Concen: 9.77 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	77.5	116.3
97	54.1	34.8	52.2
132	30.9	23.0	34.4



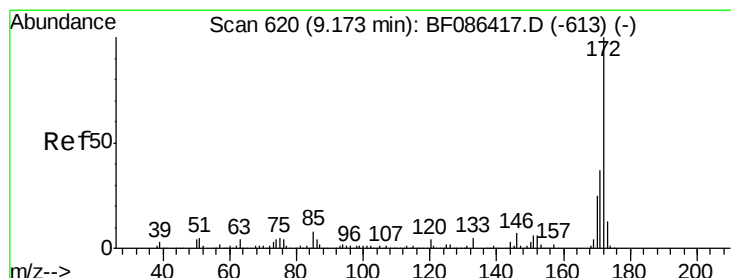
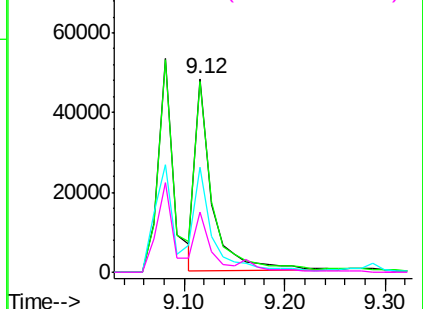
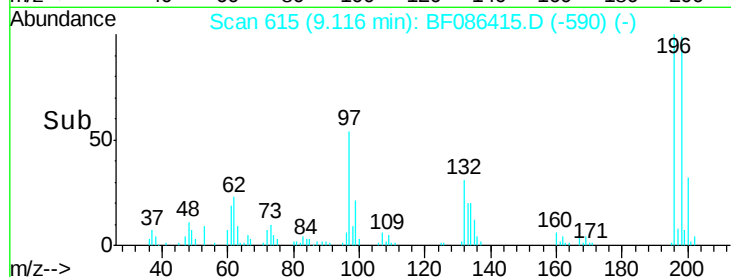
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

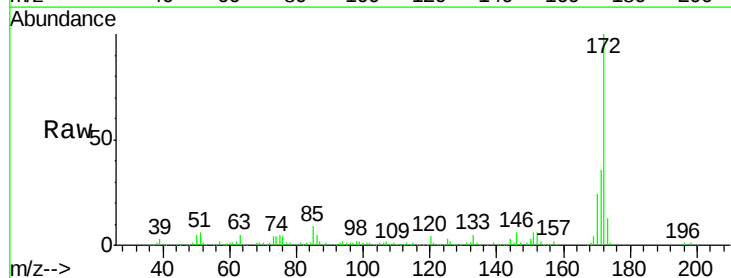
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 25.50 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.9	19.8	29.8

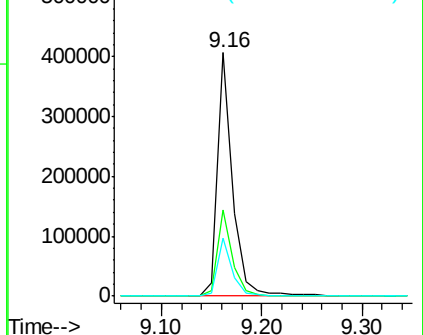
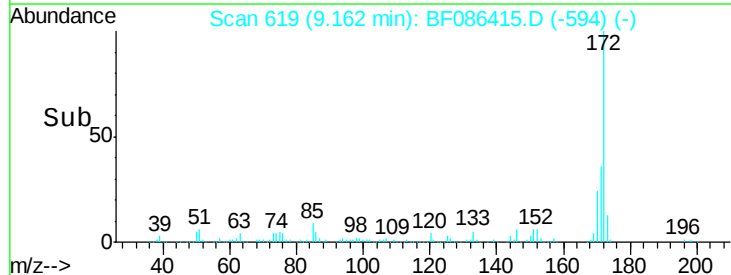


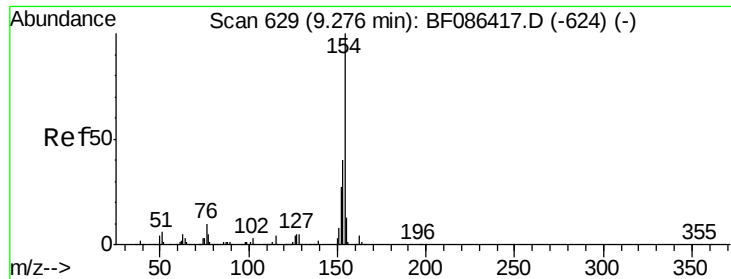
Abundance

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: 12.59 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

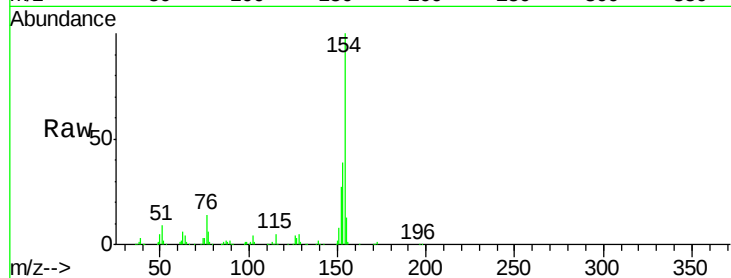
Tot Ion:154 Resp: 277807

Ion Ratio Lower Upper

154 100

153 39.3 20.3 60.3

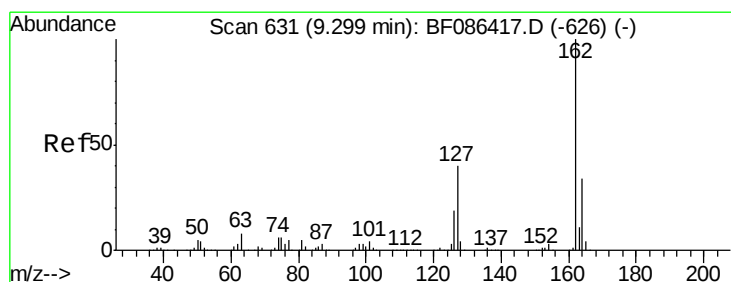
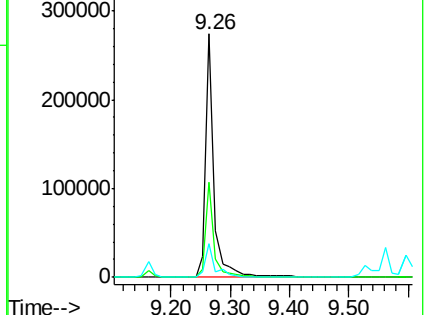
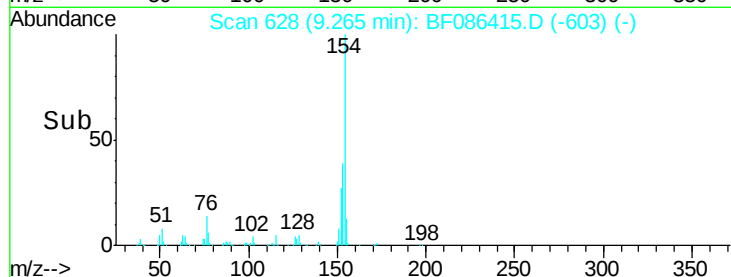
76 14.0 0.0 30.2



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: 11.73 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

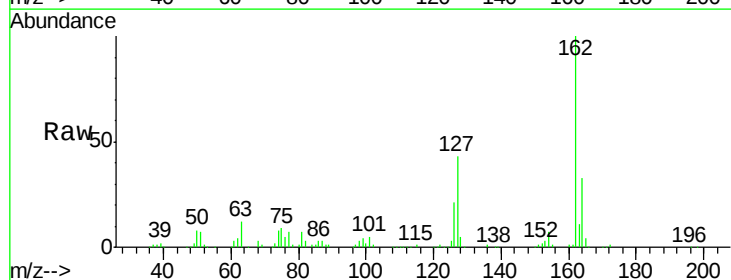
Tgt Ion:162 Resp: 204767

Ion Ratio Lower Upper

162 100

127 43.1 31.8 47.6

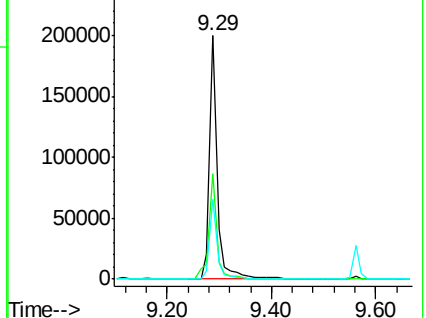
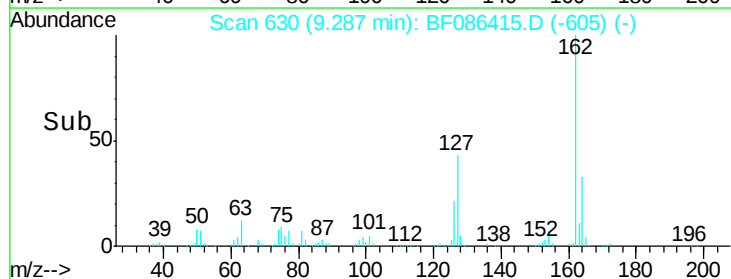
164 32.6 27.0 40.6

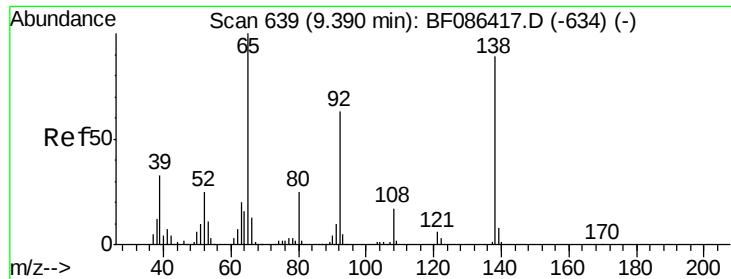


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

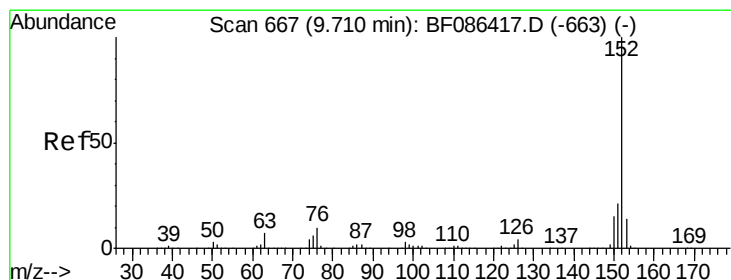
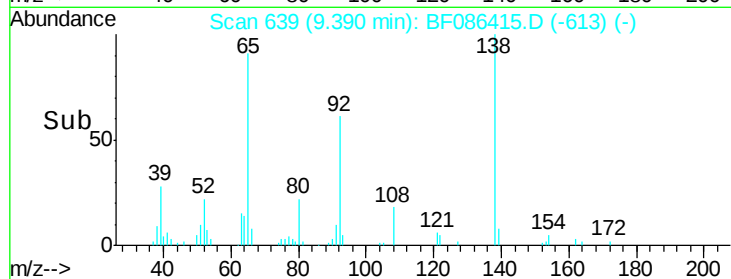
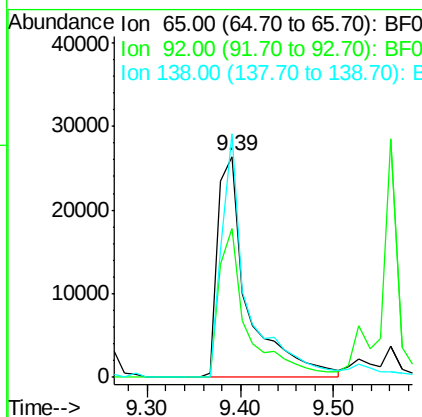
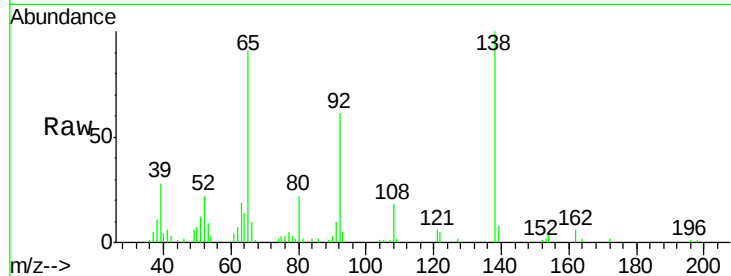




#47
2-Nitroaniline
Concen: 10.84 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

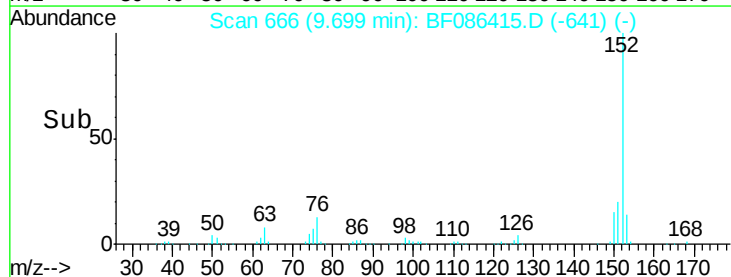
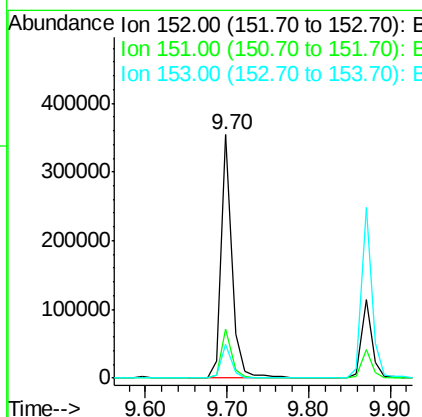
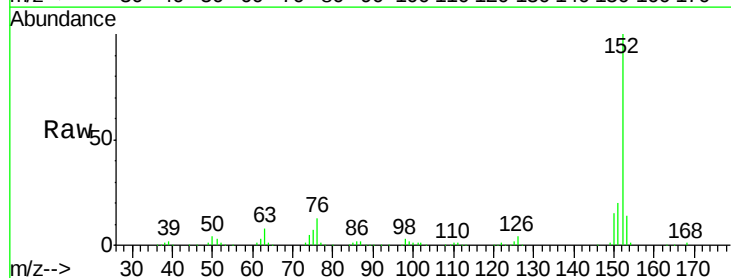
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

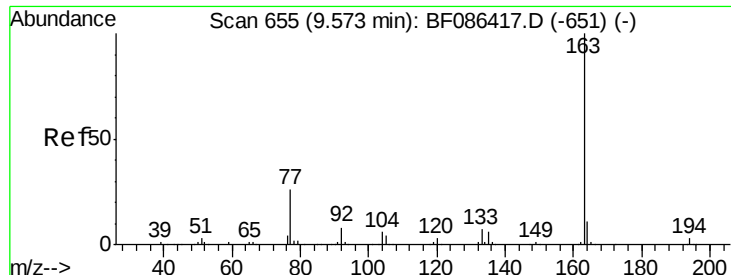
Tot Ion	65	92	138
Resp	58927		
Ratio	100	67.4	110.2
Lower		57.4	90.1
Upper		86.2	135.1



#48
Acenaphthylene
Concen: 11.47 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion	152	151	153
Resp	324853		
Ratio	100	20.1	13.9
Lower		16.8	10.9
Upper		25.2	16.3





#49

Dimethylphthalate

Concen: 11.50 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

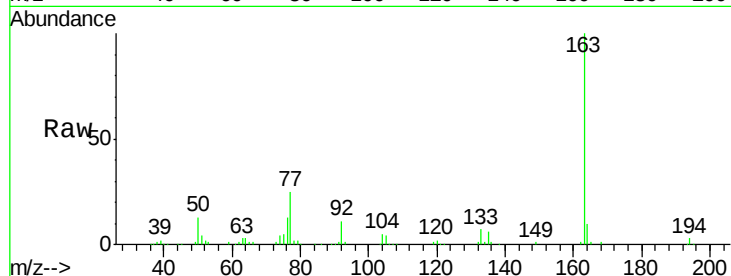
Tot Ion:163 Resp: 236312

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

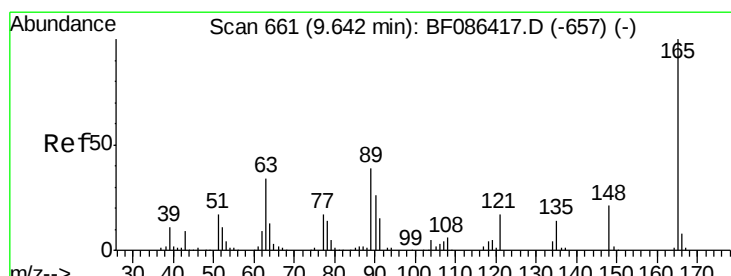
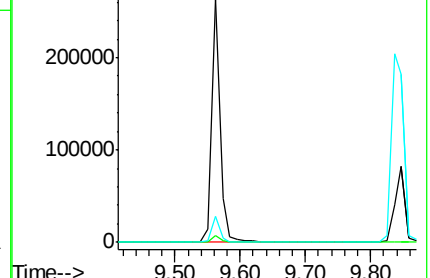
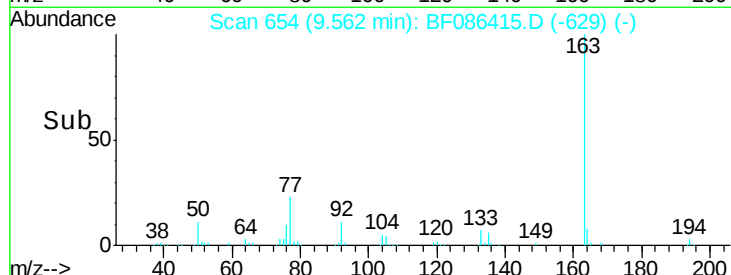
164 10.4 8.2 12.4



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: 10.41 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

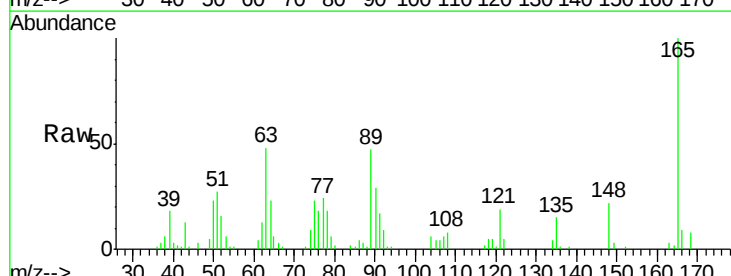
Tgt Ion:165 Resp: 46217

Ion Ratio Lower Upper

165 100

63 48.0 51.8 77.8#

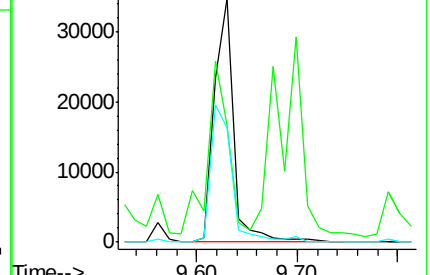
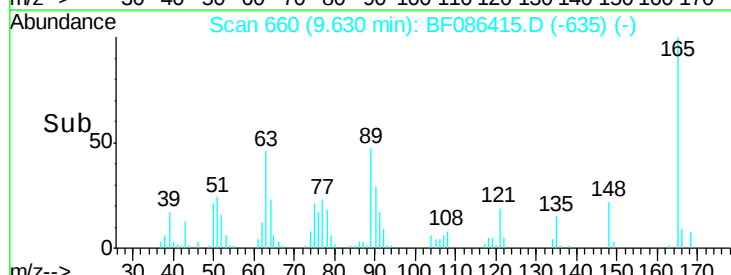
89 46.8 50.7 76.1#

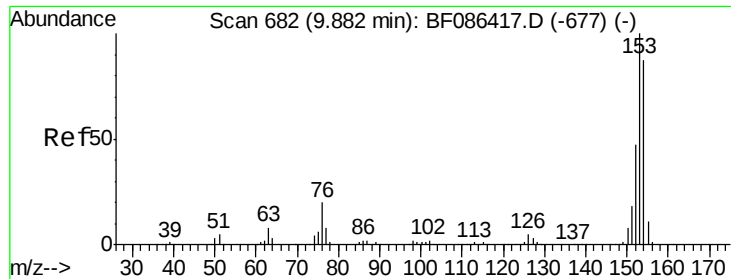


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 11.95 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

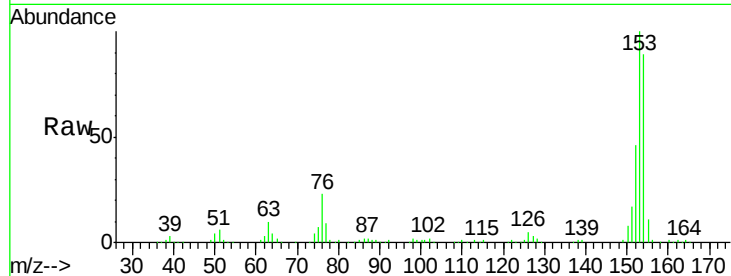
Tot Ion:154 Resp: 207850

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

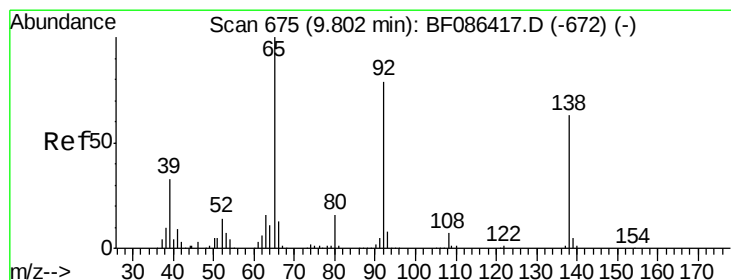
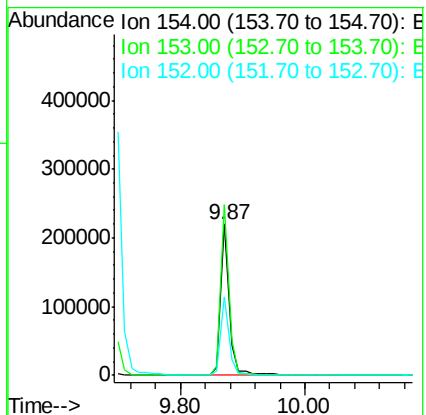
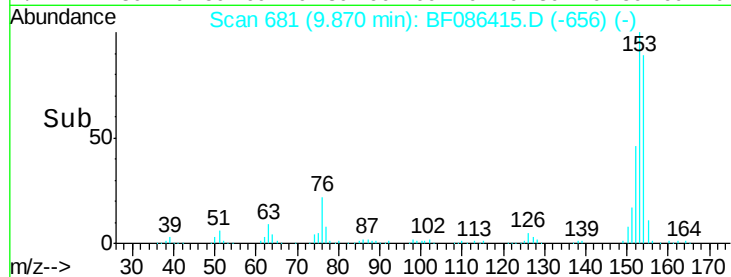
152 51.9 43.4 65.0



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: 9.71 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

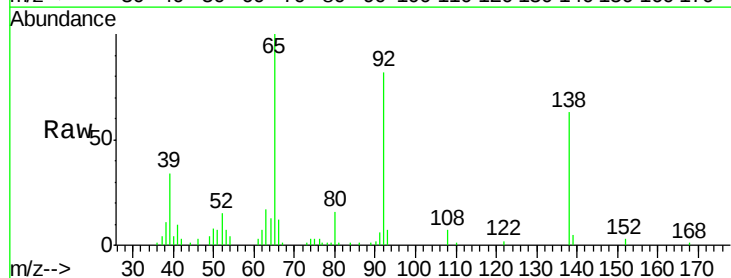
Tgt Ion:138 Resp: 53950

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.6

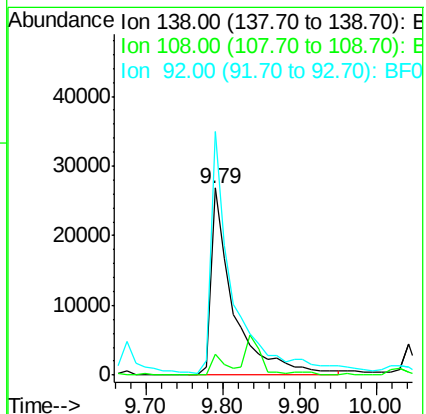
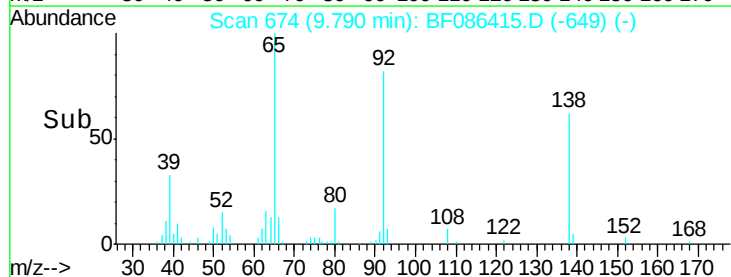
92 130.3 87.8 131.8

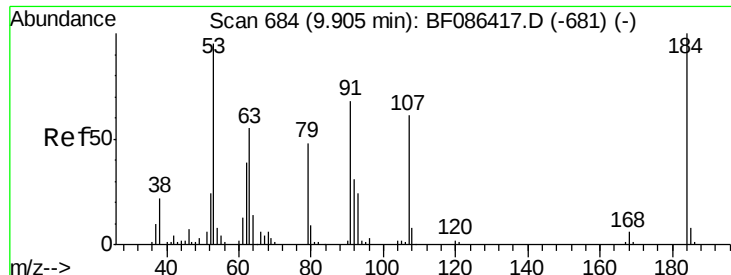


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

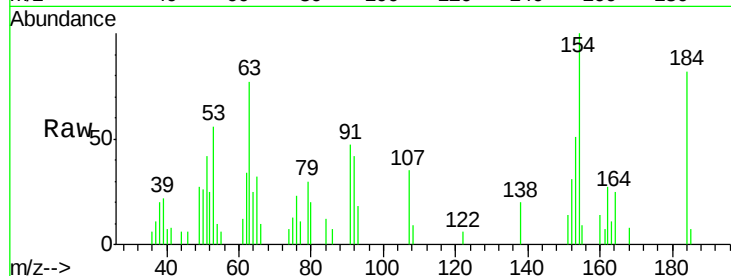




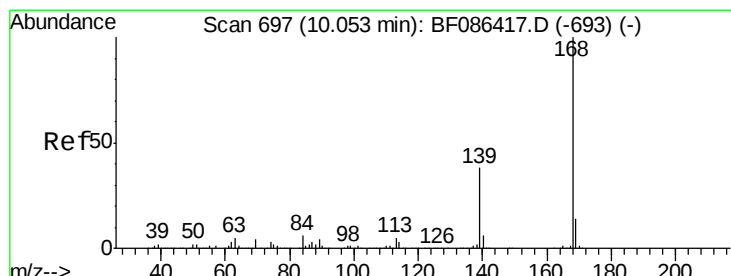
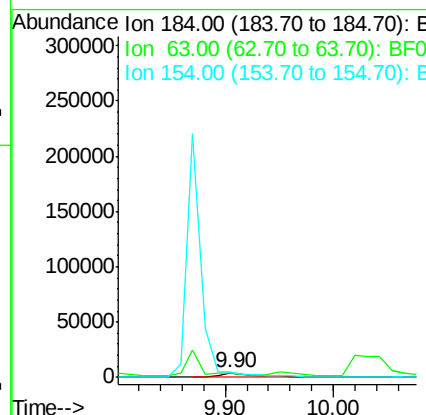
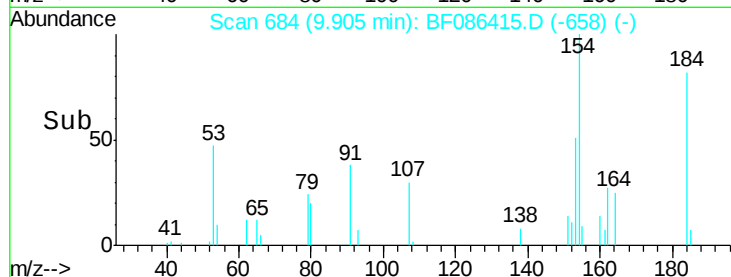
#53
 2,4-Dinitrophenol
 Concen: 4.36 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:184 Resp: 10061
 Ion Ratio Lower Upper
 184 100
 63 94.6 55.8 83.8#
 154 122.1 62.4 93.6#

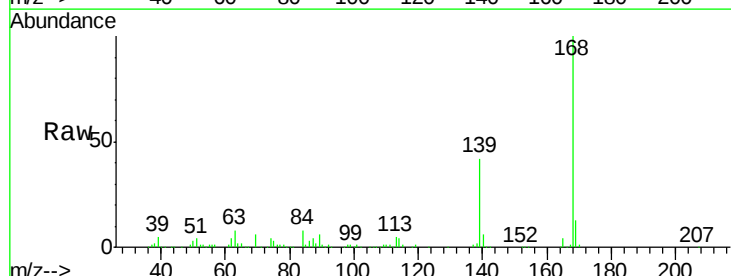


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

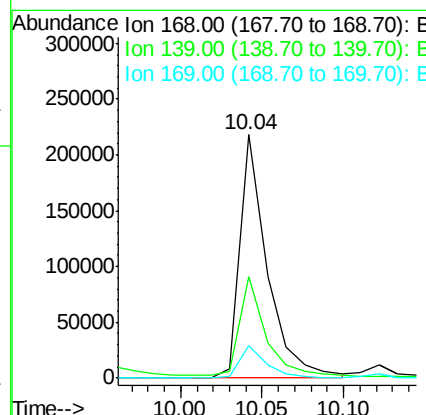
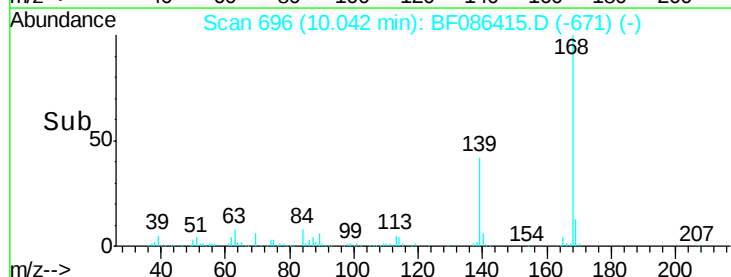


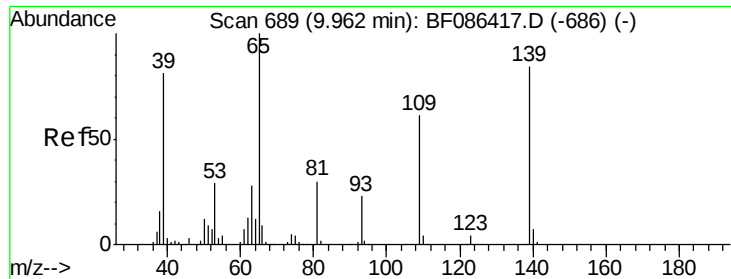
#54
 Dibenzofuran
 Concen: 11.28 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:168 Resp: 252078
 Ion Ratio Lower Upper
 168 100
 139 41.7 31.4 47.0
 169 13.3 10.7 16.1



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





#55

4-Nitrophenol

Concen: 6.98 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

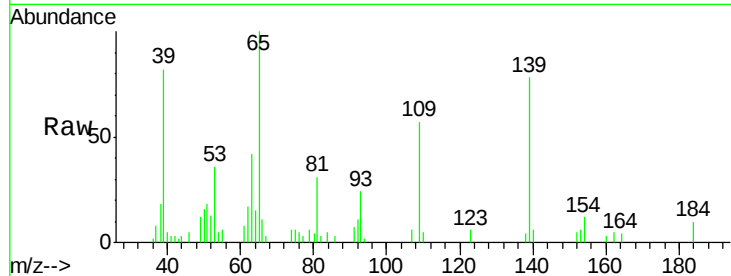
Tot Ion:139 Resp: 27139

Ion Ratio Lower Upper

139 100

109 73.8 36.9 76.9

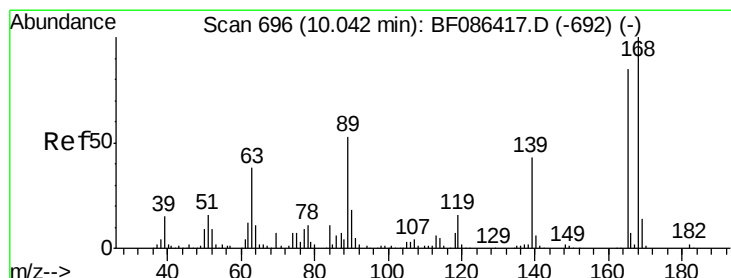
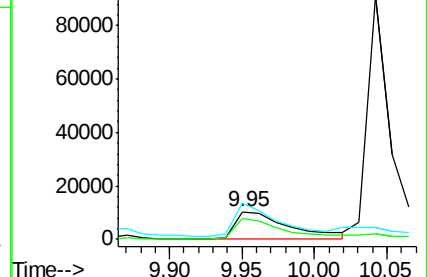
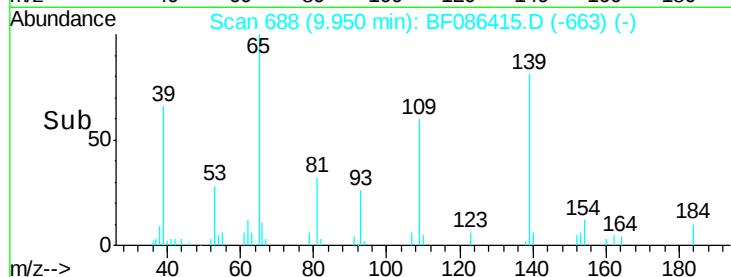
65 128.8 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 10.29 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Tgt Ion:165 Resp: 60633

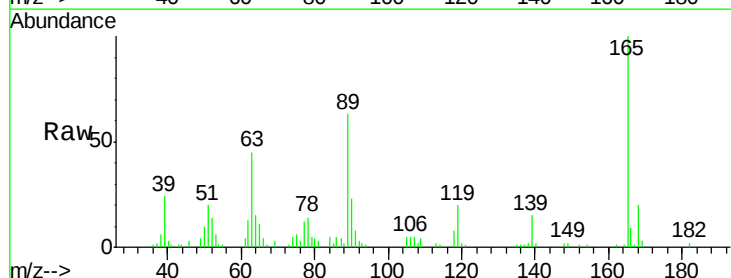
Ion Ratio Lower Upper

165 100

63 45.0 44.3 66.5

89 63.2 70.0 105.0#

182 2.2 1.8 2.6

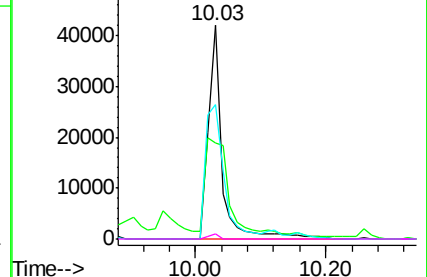
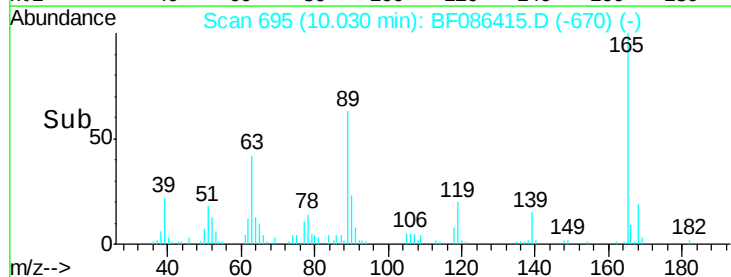


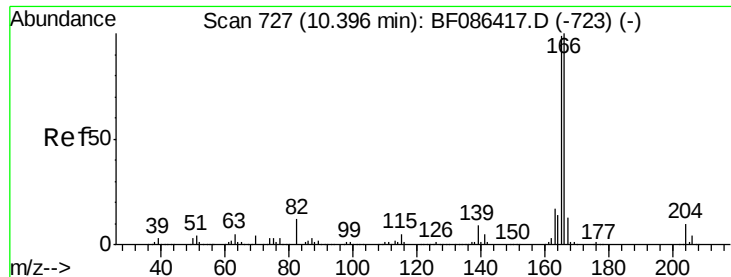
Abundance Ion 165.00 (164.70 to 165.70): E

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

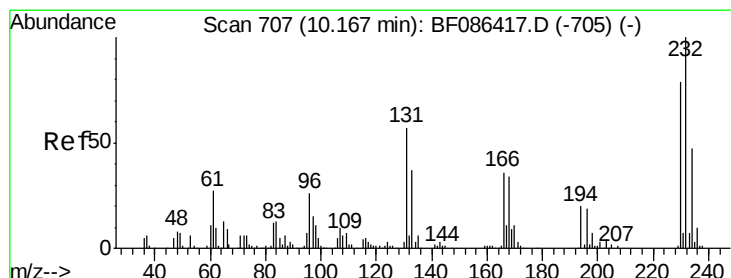
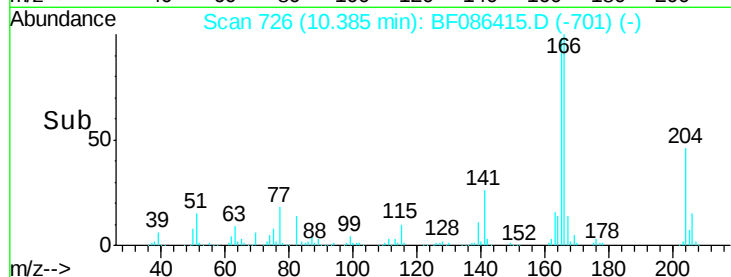
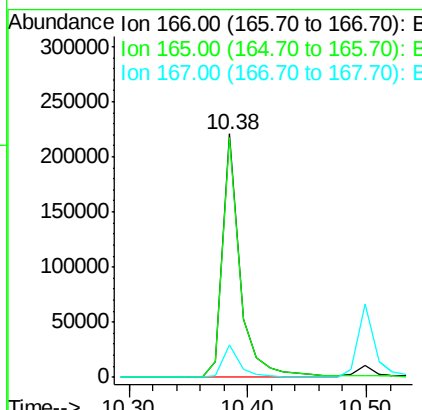
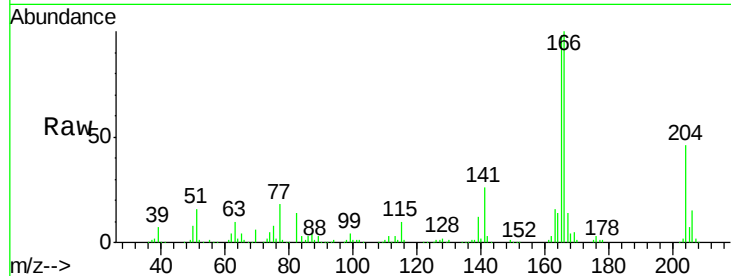




#57
Fluorene
 Concen: 12.29 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

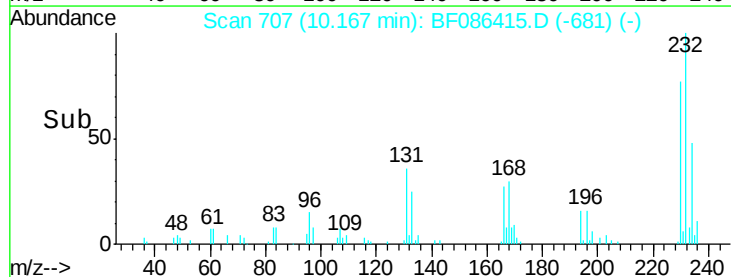
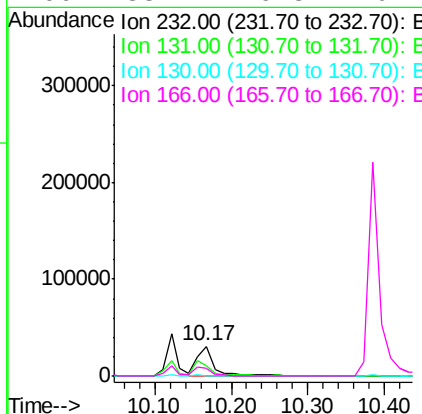
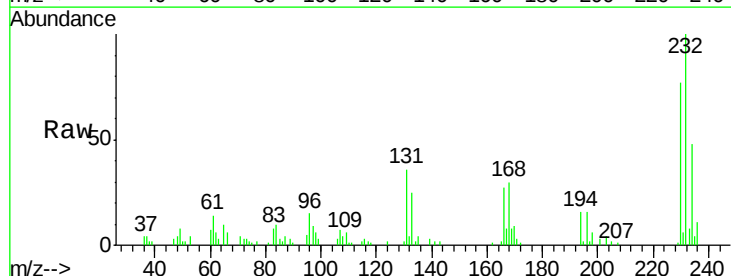
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

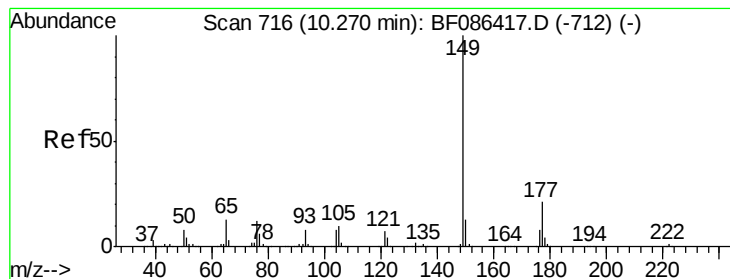
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.6
167	13.5	10.6	15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 11.09 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	41.9	62.9
130	1.9	2.2	3.4#
166	33.1	26.8	40.2





#59

Diethylphthalate

Concen: 10.94 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

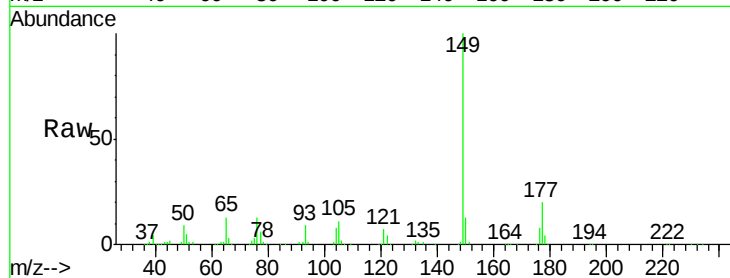
Tot Ion:149 Resp: 215155

Ion Ratio Lower Upper

149 100

177 19.8 16.6 24.8

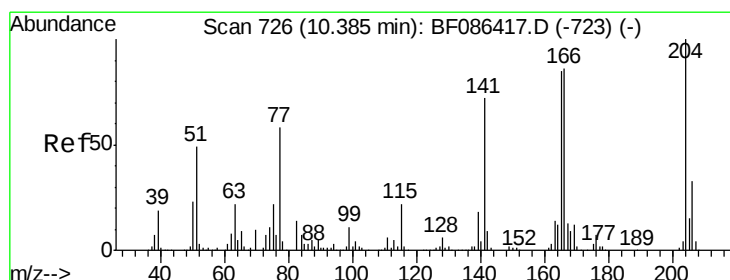
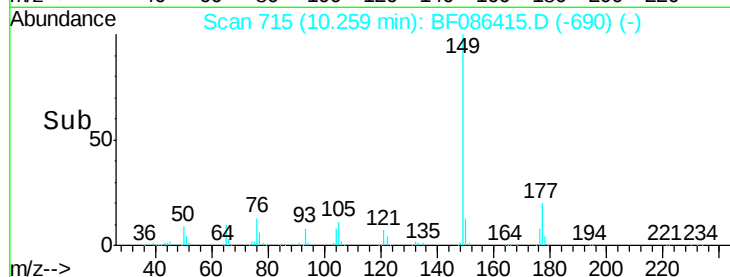
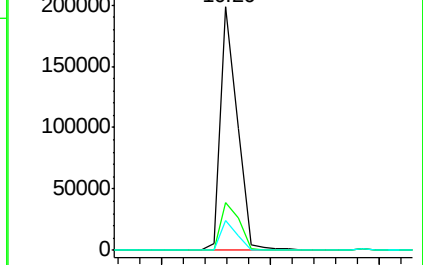
150 12.5 10.0 15.0



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: 12.98 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

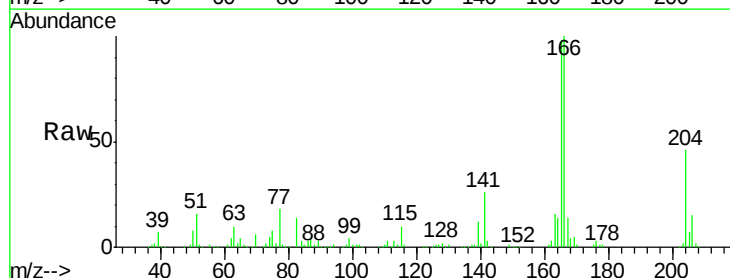
Tgt Ion:204 Resp: 103913

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

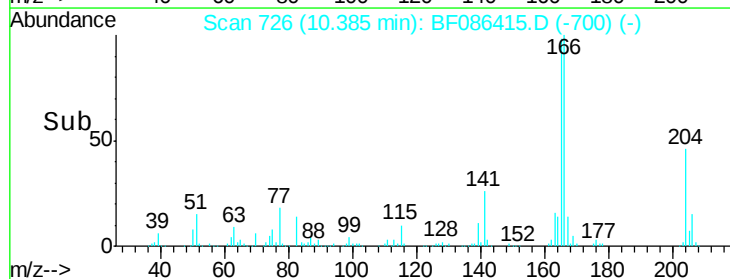
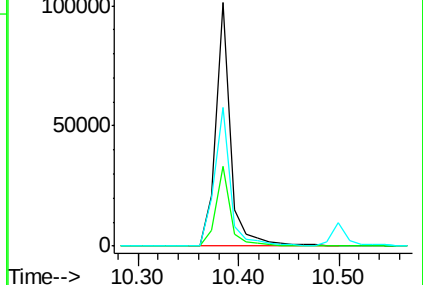
141 56.8 61.6 92.4#

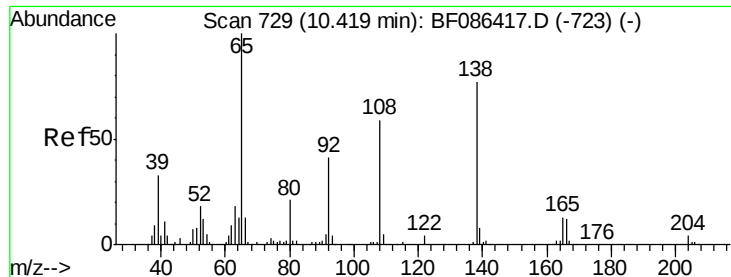


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

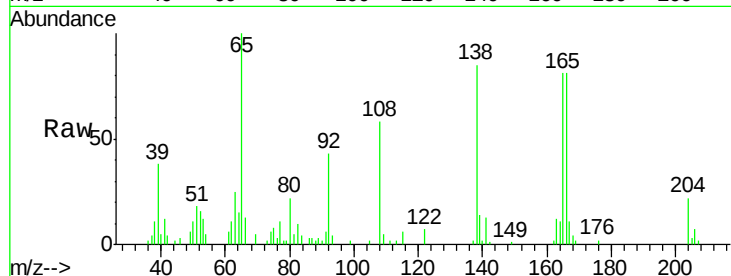




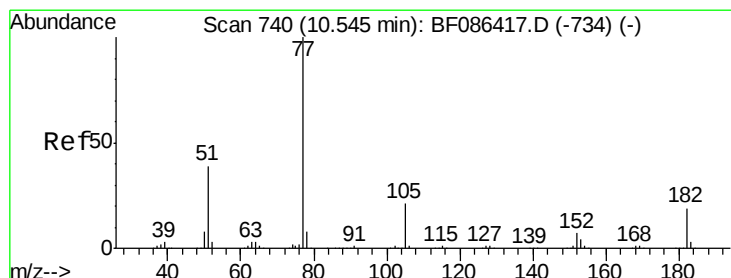
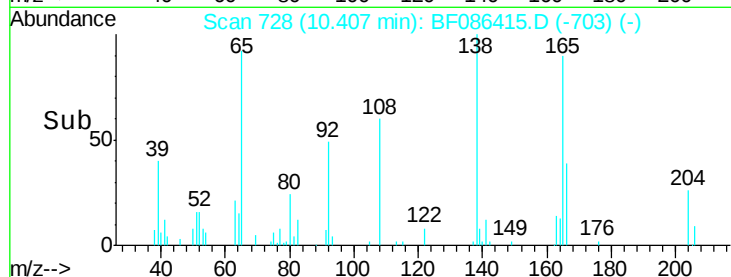
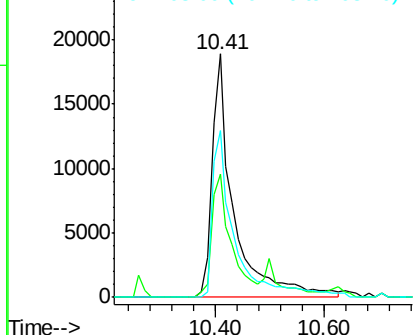
#61
4-Nitroaniline
Concen: 9.25 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion:138 Resp: 52618
Ion Ratio Lower Upper
138 100
92 50.7 24.7 64.7
108 68.5 37.4 77.4

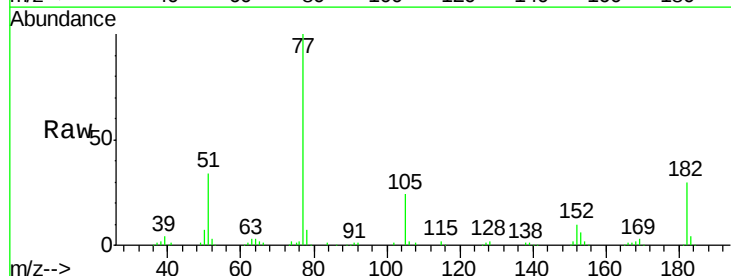


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

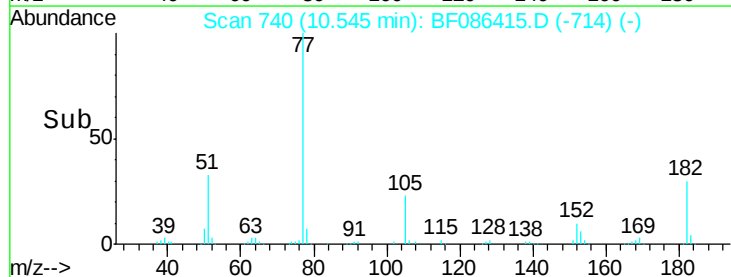
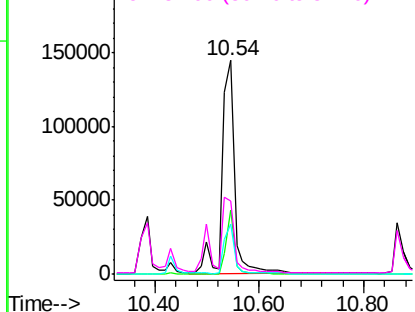


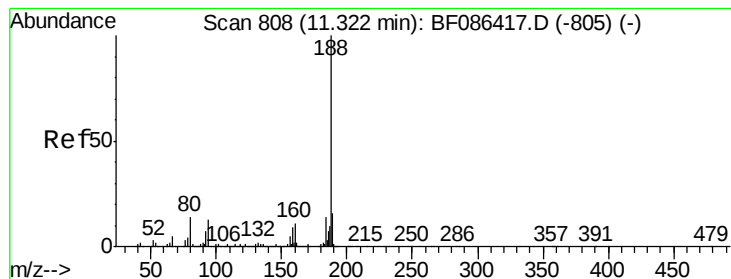
#62
Azobenzene
Concen: 11.81 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion: 77 Resp: 240928
Ion Ratio Lower Upper
77 100
182 29.7 0.0 38.8
105 23.6 3.2 43.2
51 34.0 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

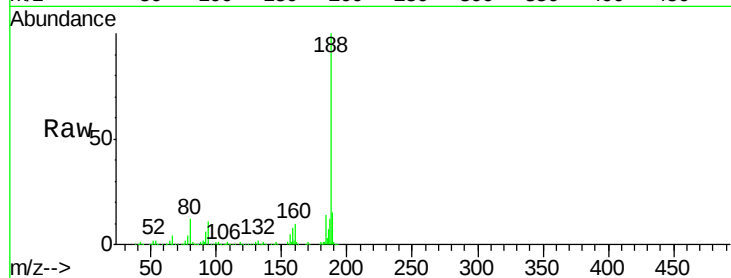
Tot Ion:188 Resp: 564666

Ion Ratio Lower Upper

188 100

94 11.2 6.8 10.2#

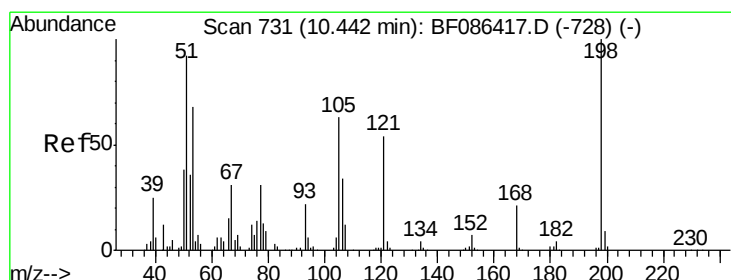
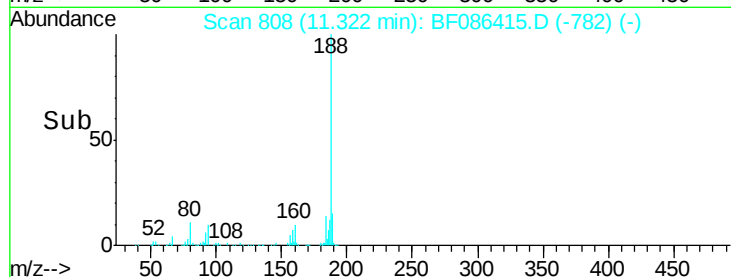
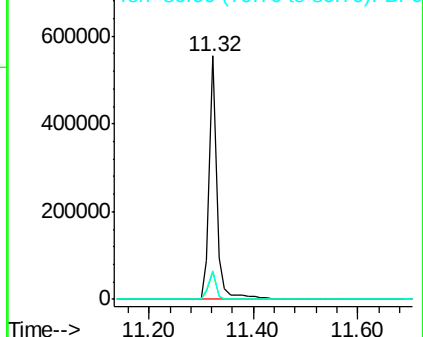
80 11.6 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 7.44 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

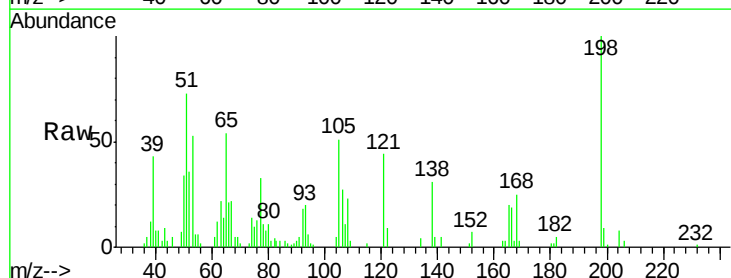
Tgt Ion:198 Resp: 25671

Ion Ratio Lower Upper

198 100

51 72.7 20.5 60.5#

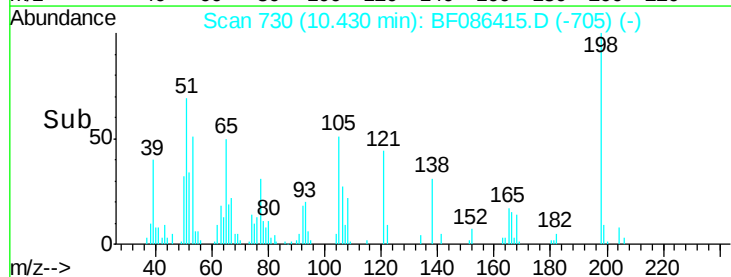
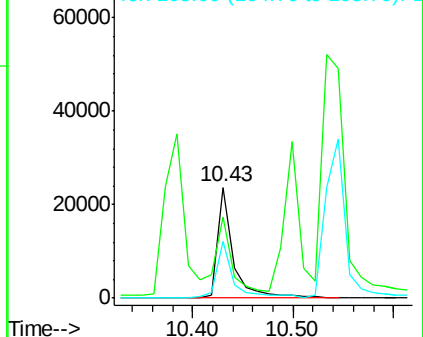
105 51.5 24.5 64.5

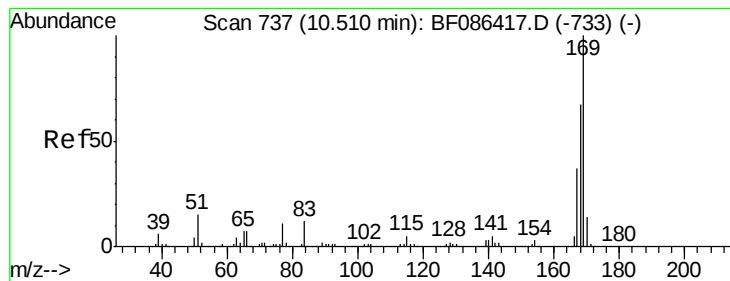


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

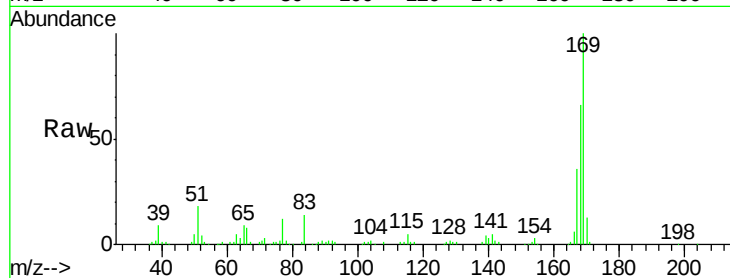




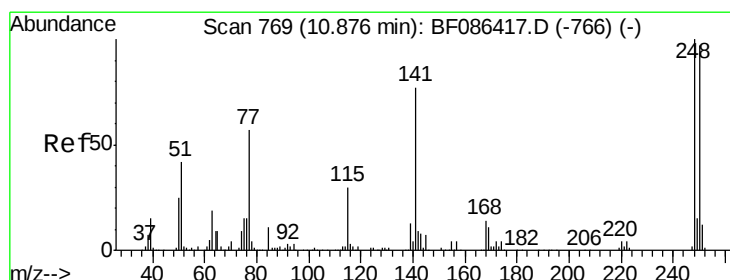
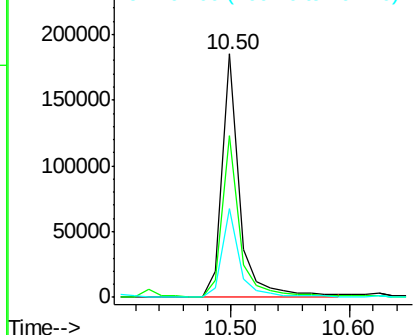
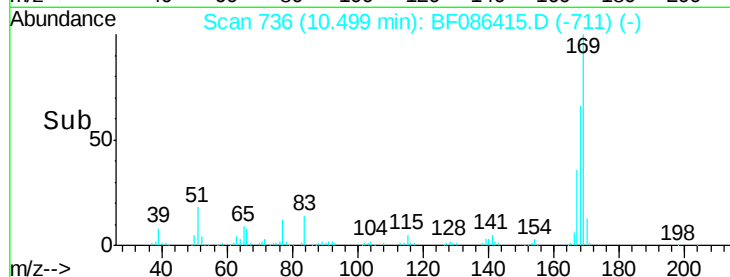
#65
n-Nitrosodiphenylamine
Concen: 10.83 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.8	80.6
167	36.2	29.5	44.3

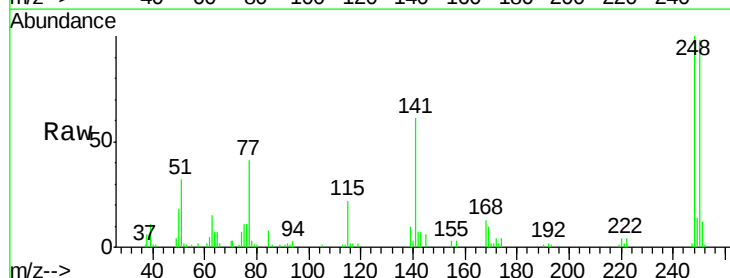


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

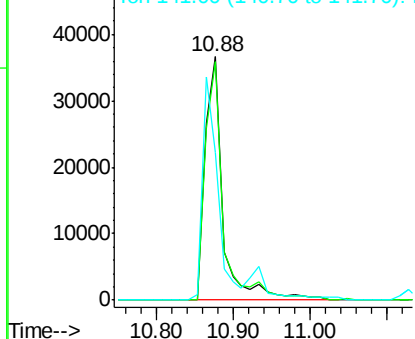
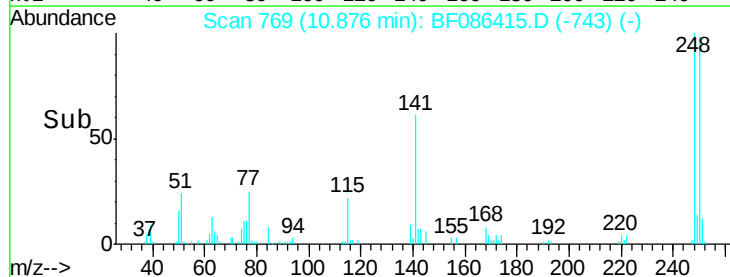


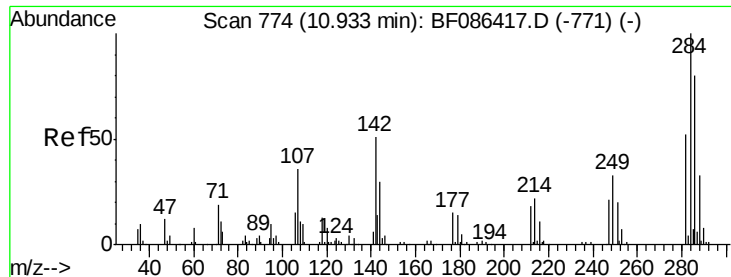
#66
4-Bromophenyl-phenylether
Concen: 10.55 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.6	117.8
141	60.9	76.0	114.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 11.77 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

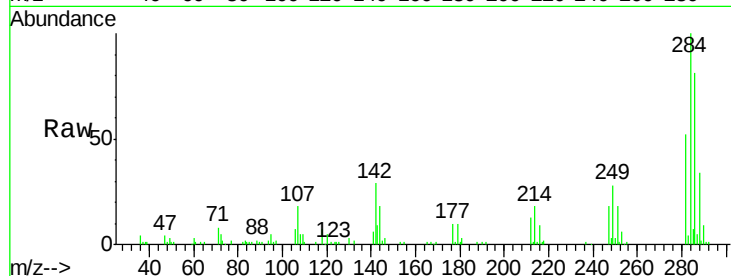
Tot Ion:284 Resp: 69460

Ion Ratio Lower Upper

284 100

142 29.3 16.7 25.1#

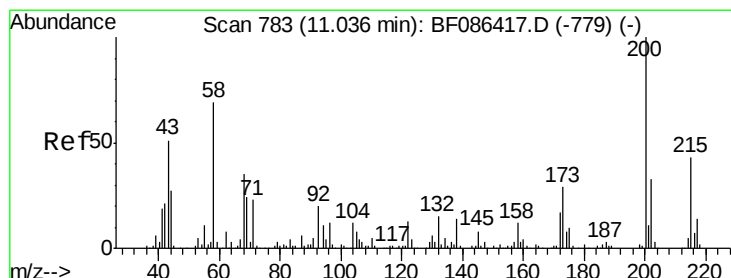
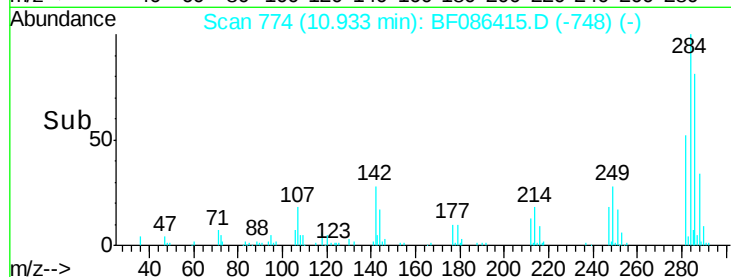
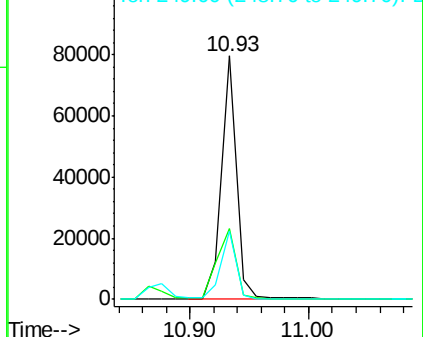
249 28.1 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 11.14 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

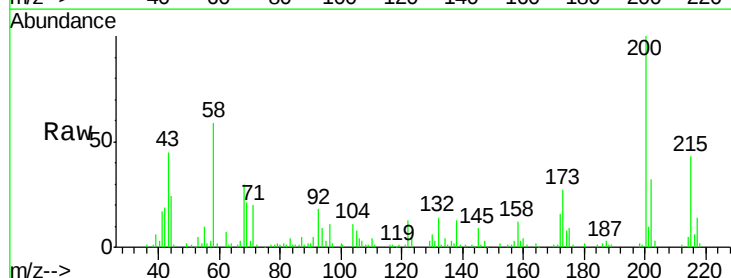
Tgt Ion:200 Resp: 59874

Ion Ratio Lower Upper

200 100

173 27.4 8.5 48.5

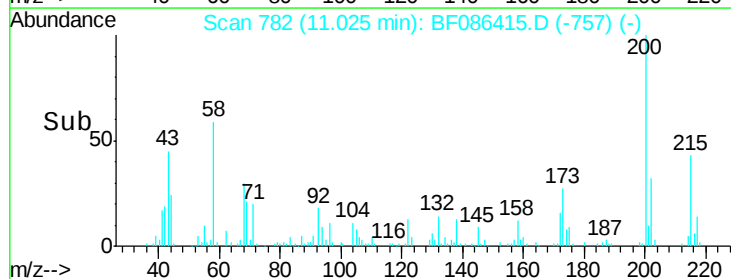
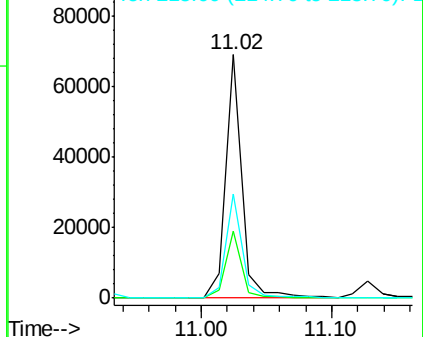
215 42.7 27.2 67.2

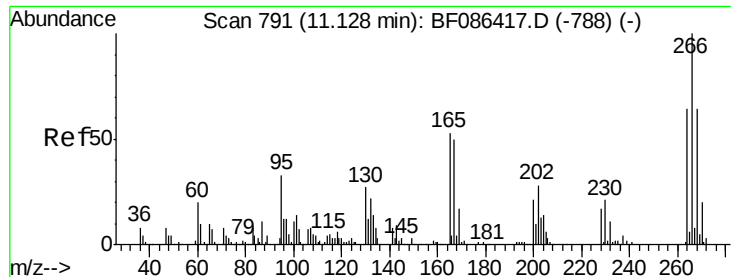


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

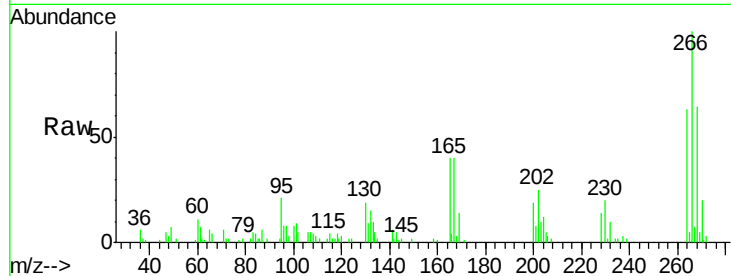




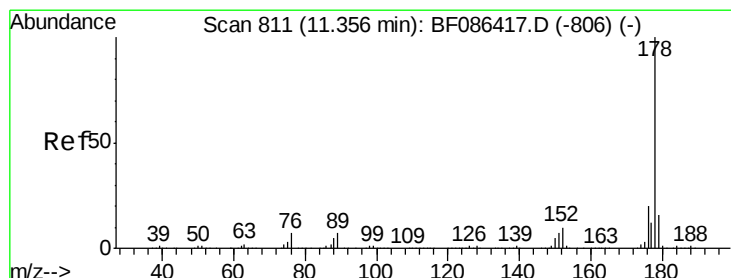
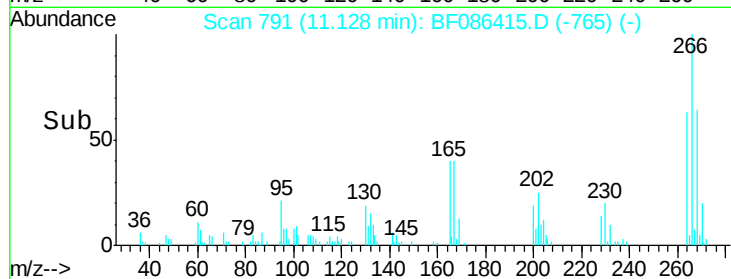
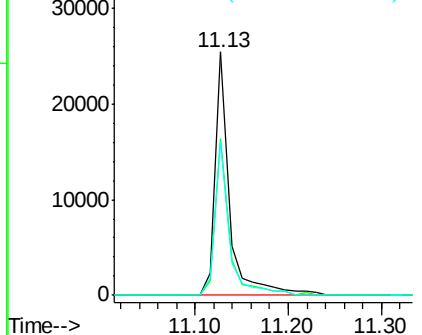
#69
 Pentachlorophenol
 Concen: 7.87 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:266 Resp: 27280
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.5 77.3
 264 63.4 52.9 79.3

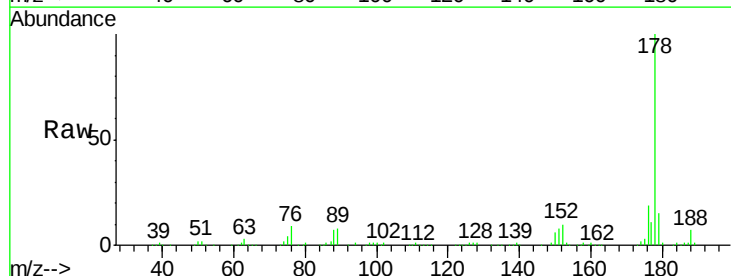


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

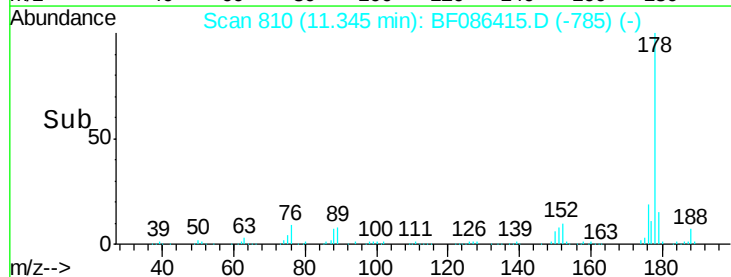
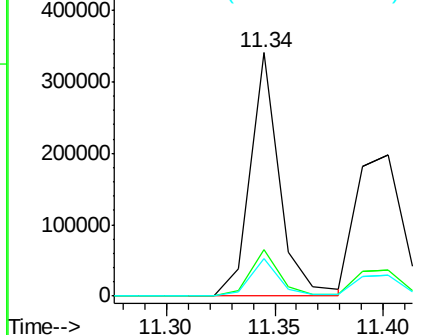


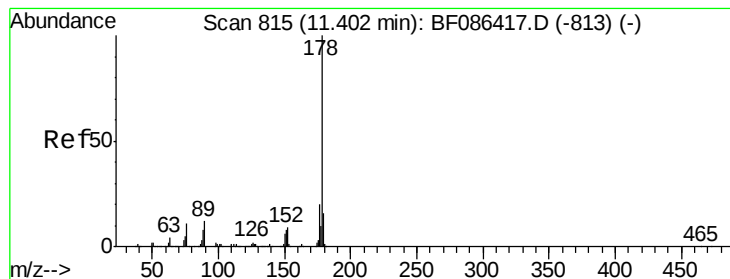
#70
 Phenanthrene
 Concen: 11.26 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:178 Resp: 319605
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.2 12.6 18.8



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





#71

Anthracene

Concen: 10.31 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

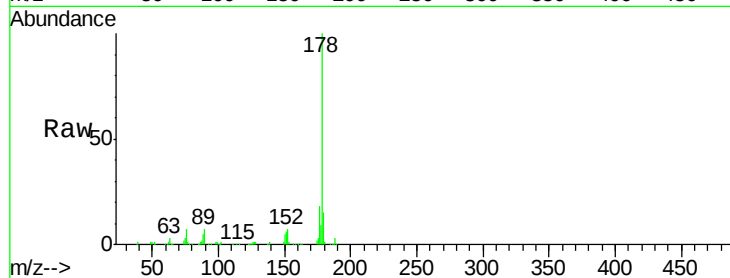
Tot Ion:178 Resp: 335298

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

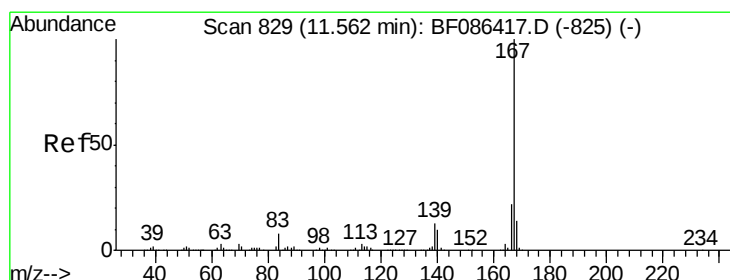
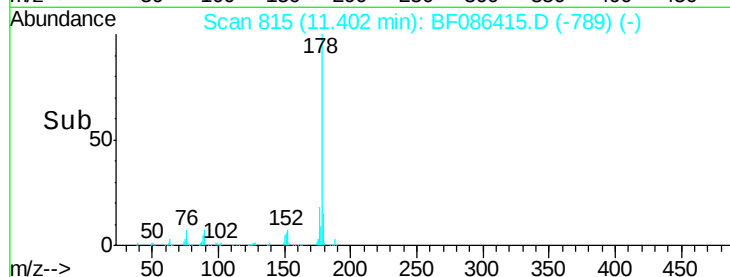
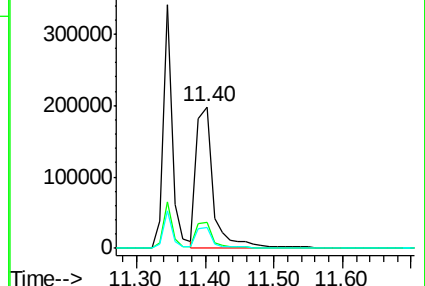
179 15.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 9.51 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

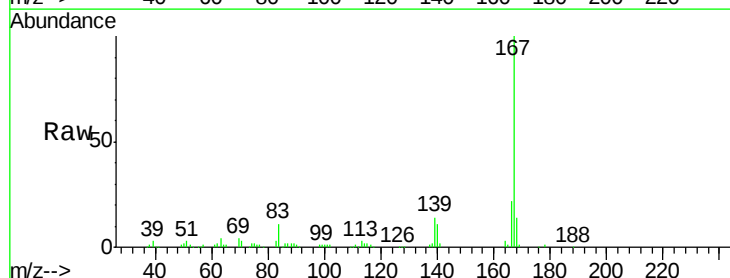
Tgt Ion:167 Resp: 290248

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

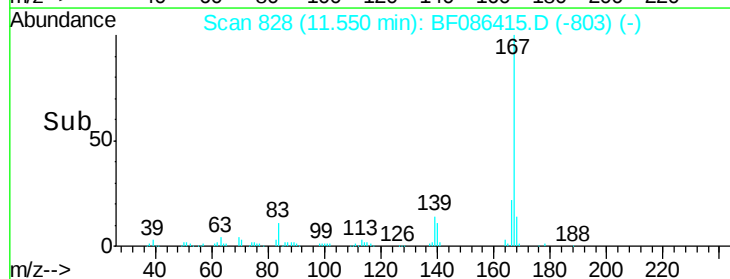
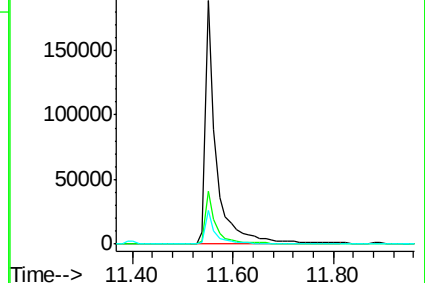
139 13.7 10.8 16.2

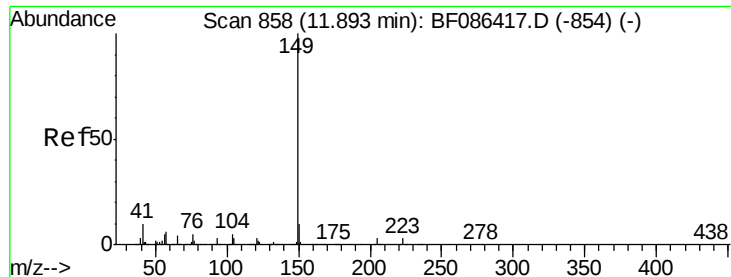


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 10.44 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

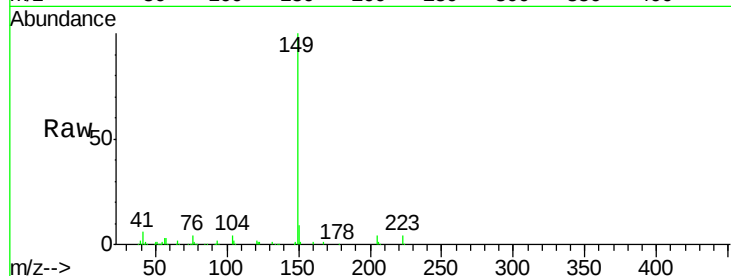
Tot Ion:149 Resp: 335332

Ion Ratio Lower Upper

149 100

150 8.7 7.6 11.4

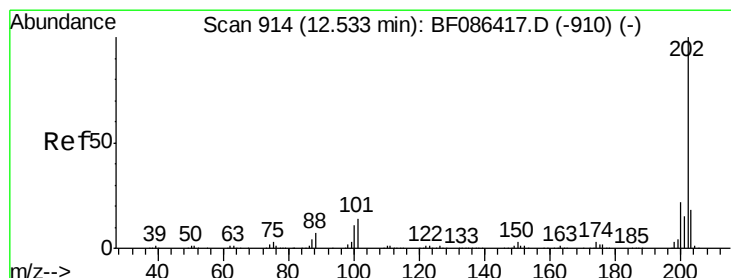
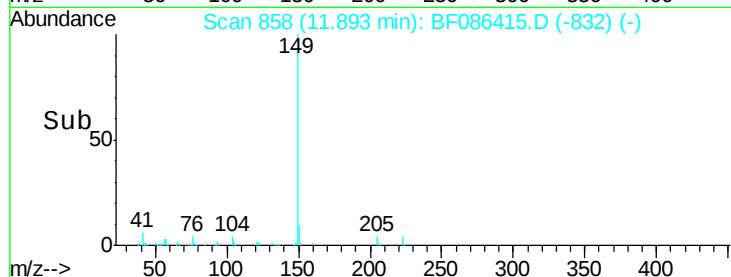
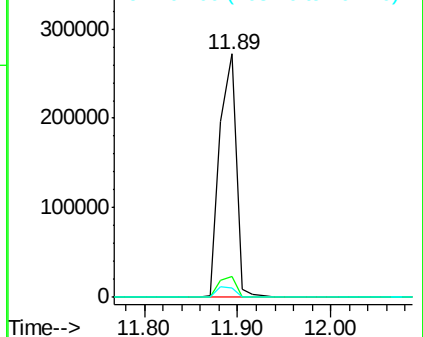
104 3.9 3.8 5.6



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: 10.35 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

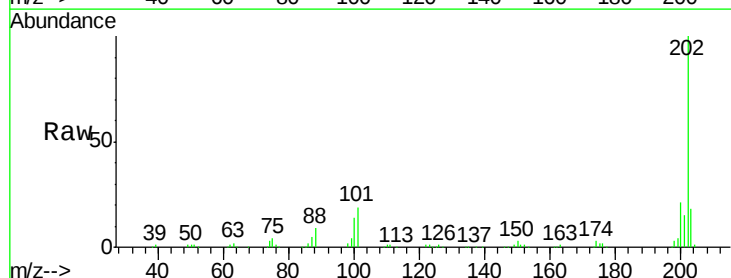
Tgt Ion:202 Resp: 316690

Ion Ratio Lower Upper

202 100

101 18.6 0.0 35.4

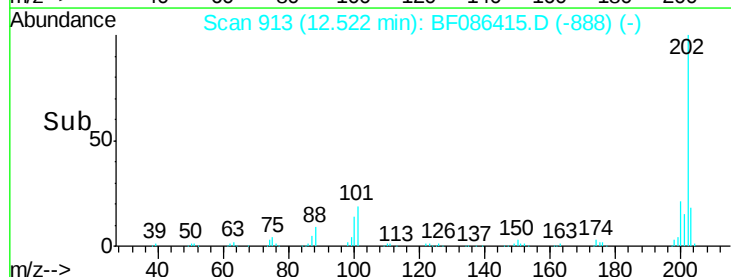
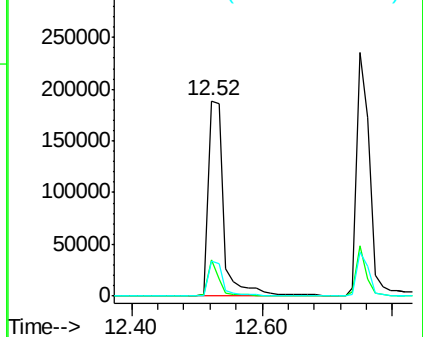
203 18.0 0.0 38.1

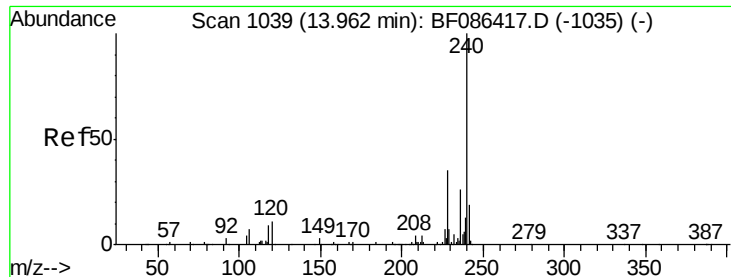


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

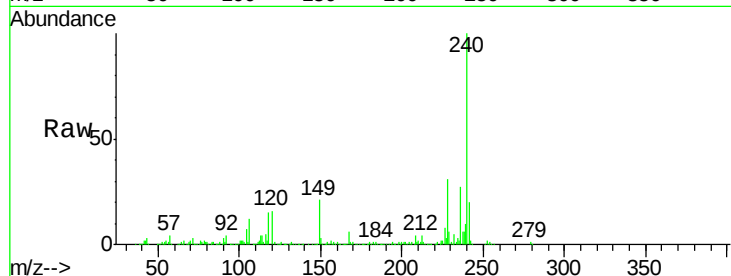
Tot Ion:240 Resp: 425729

Ion Ratio Lower Upper

240 100

120 16.4 11.2 16.8

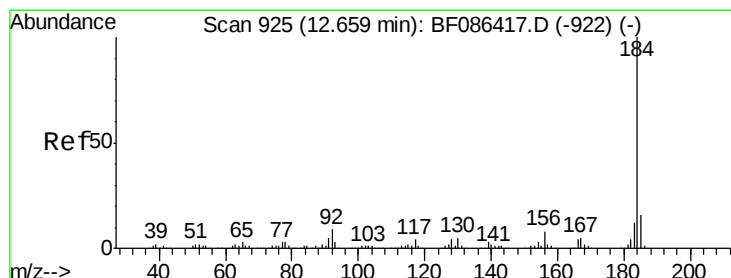
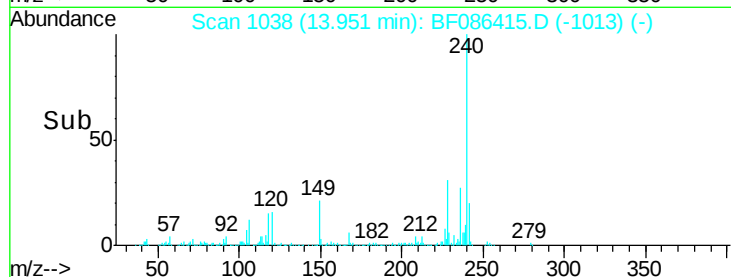
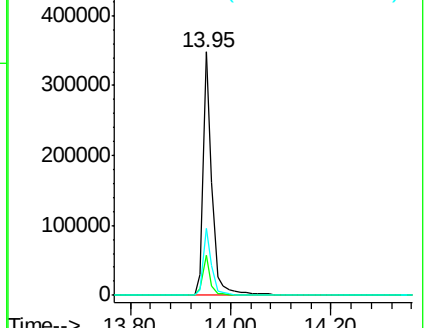
236 27.3 21.2 31.8



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: 9.60 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

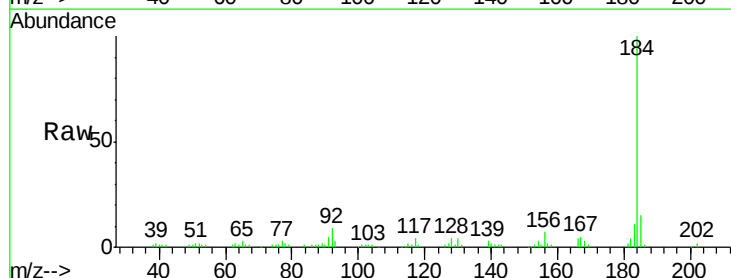
Tgt Ion:184 Resp: 167551

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

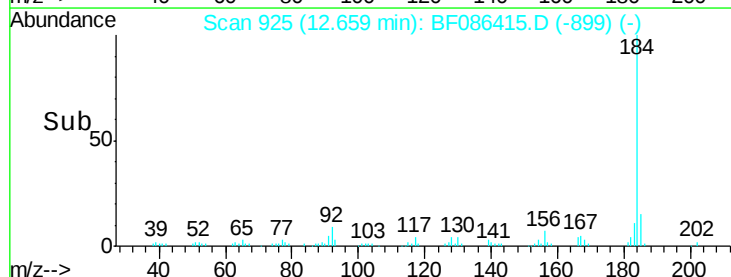
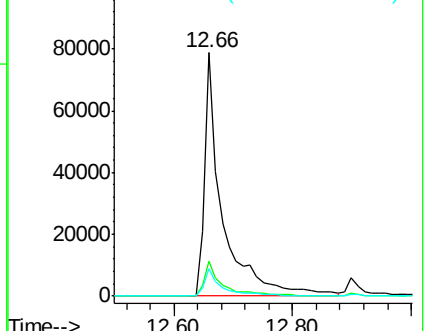
183 11.2 9.8 14.6

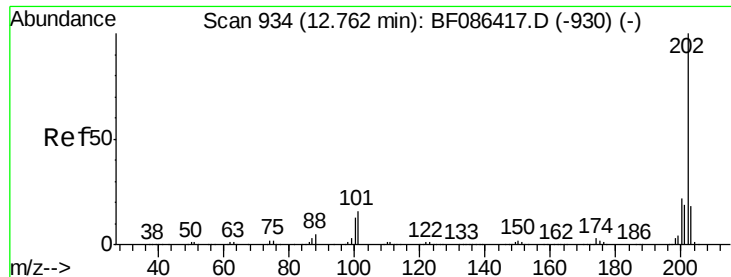


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

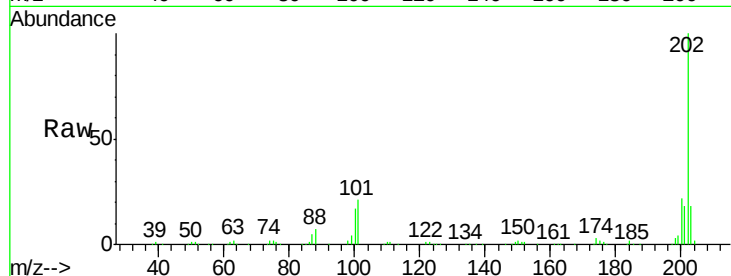




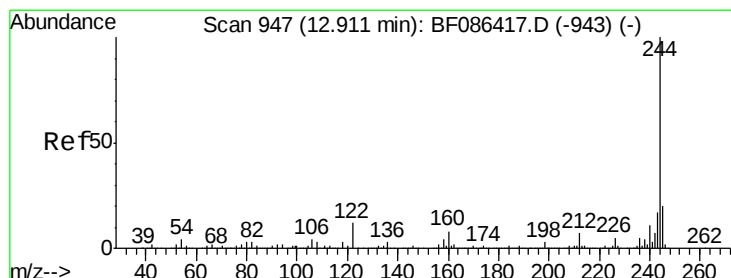
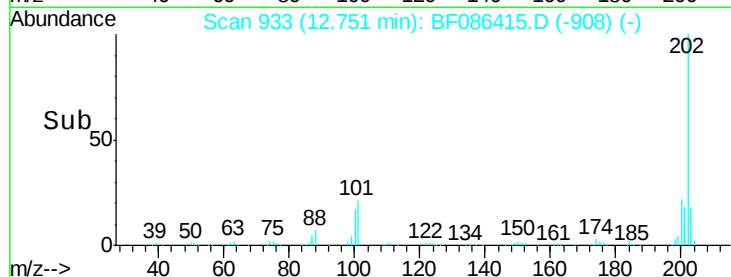
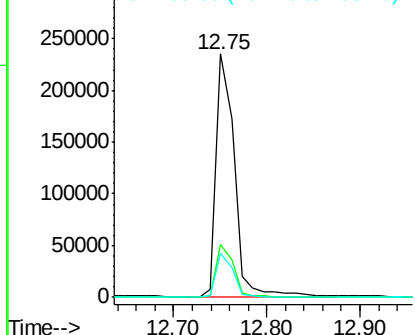
#77
Pvrene
Concen: 10.62 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion:202 Resp: 315250
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.0 14.2 21.4

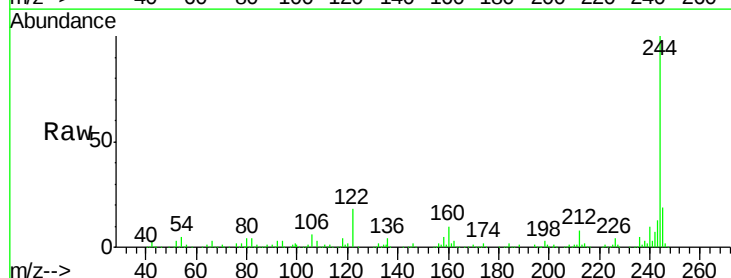


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

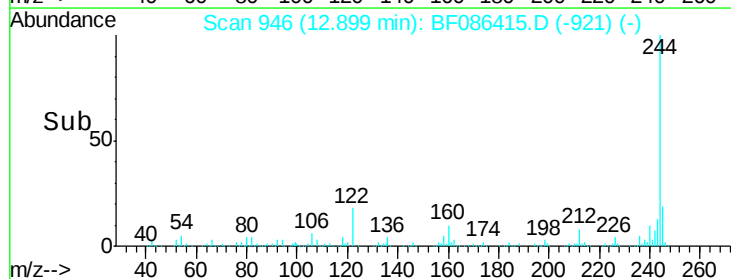
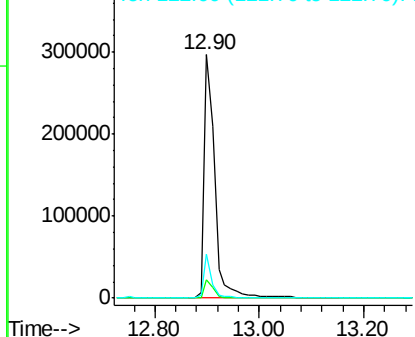


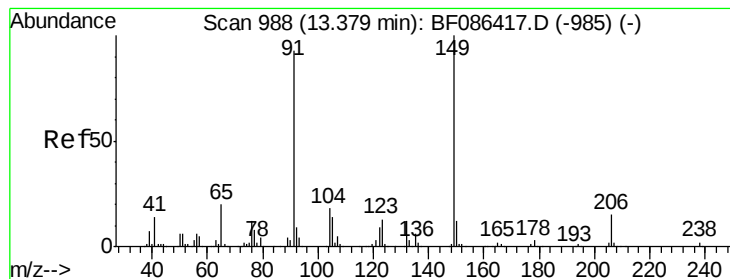
#78
Terphenyl-d14
Concen: 24.68 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion:244 Resp: 422927
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 17.9 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 9.62 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

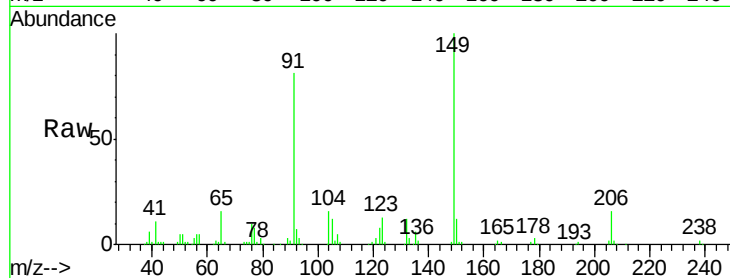
Tot Ion:149 Resp: 133006

Ion Ratio Lower Upper

149 100

91 81.4 48.0 72.0#

206 15.9 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

200000

150000

100000

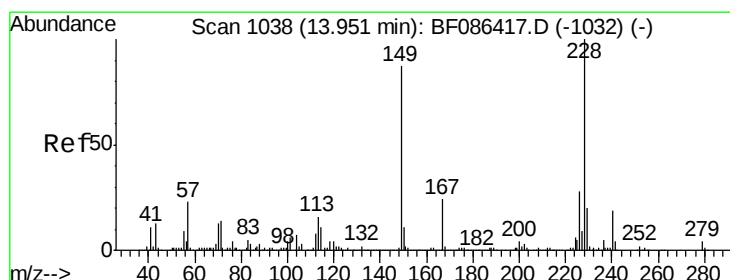
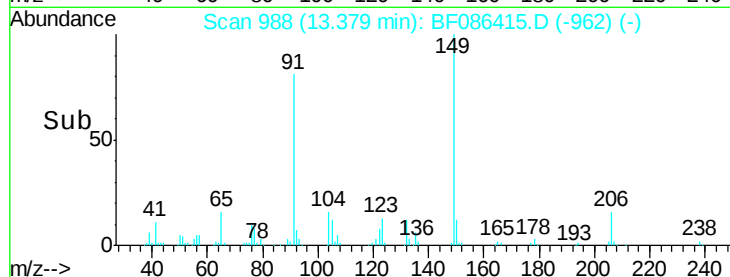
50000

0

13.38

13.30 13.40 13.50 13.60

Time-->



#80

Benzo(a)anthracene

Concen: 11.03 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

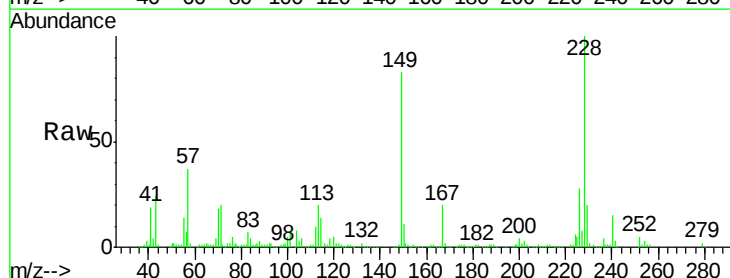
Tgt Ion:228 Resp: 243699

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

229 19.6 16.6 25.0



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

250000

200000

150000

100000

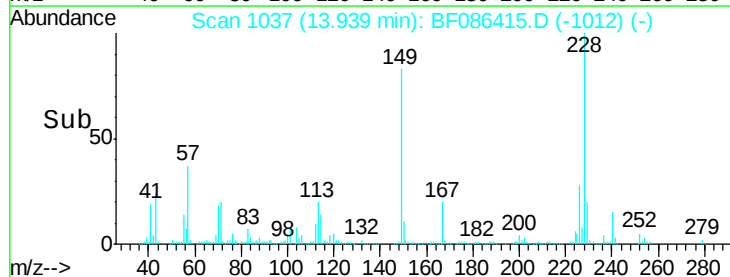
50000

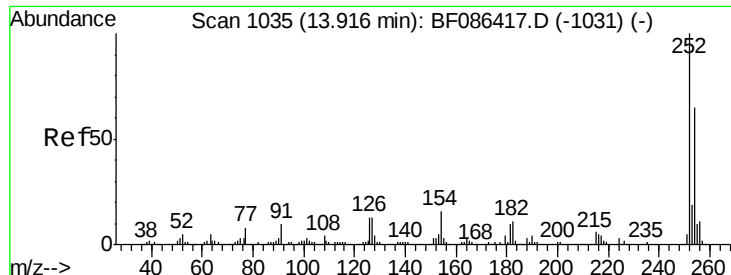
0

13.94

13.90 13.95

Time-->

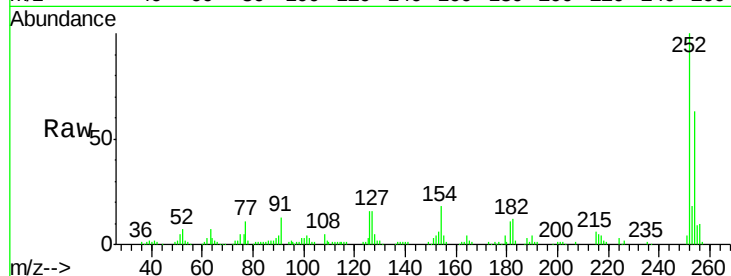




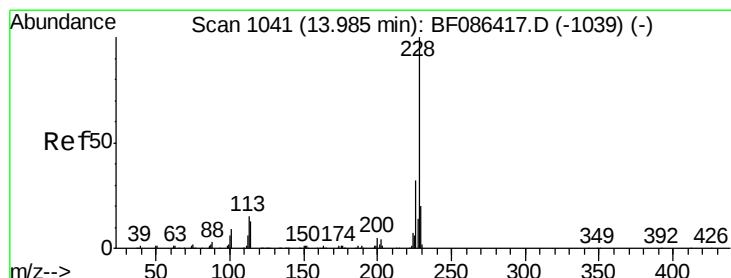
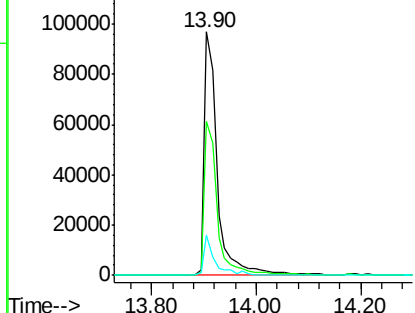
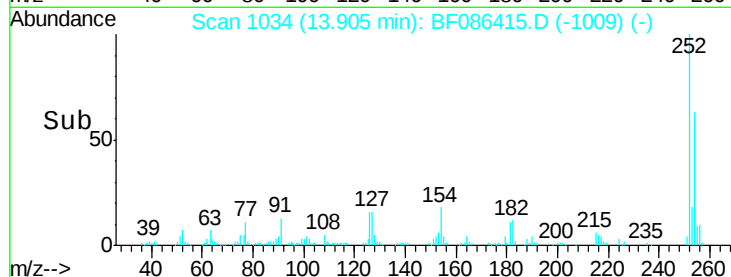
#81
 3,3'-Dichlorobenzidine
 Concen: 11.12 ng
 RT: 13.90 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:252 Resp: 169486
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 16.5 12.7 19.1

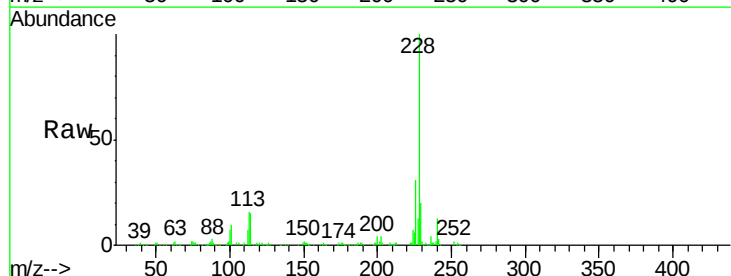


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

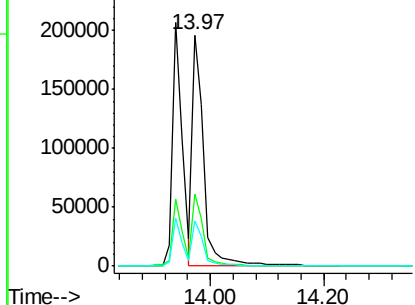
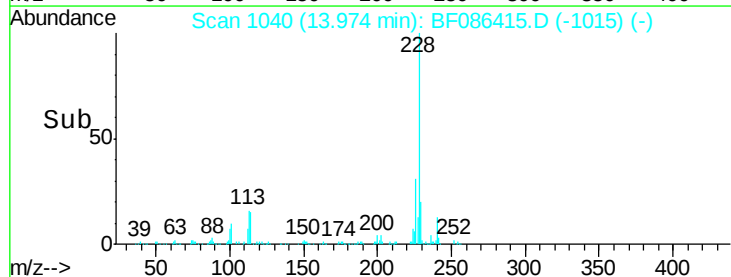


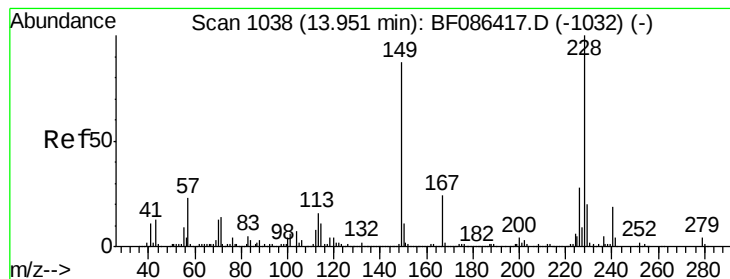
#82
 Chrysene
 Concen: 11.03 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:228 Resp: 274712
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 19.8 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: 11.26 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

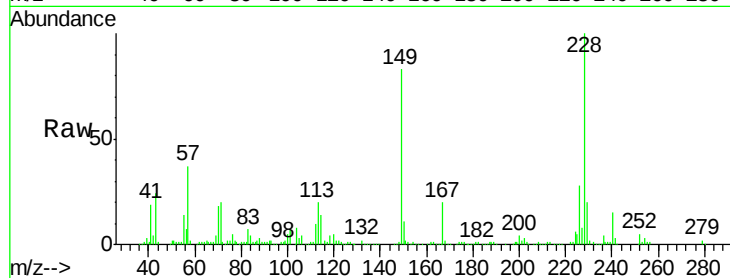
Tot Ion:149 Resp: 174344

Ion Ratio Lower Upper

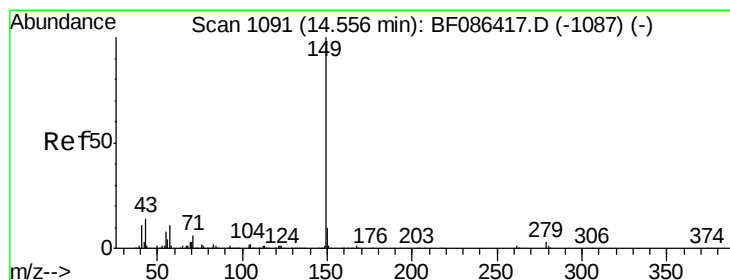
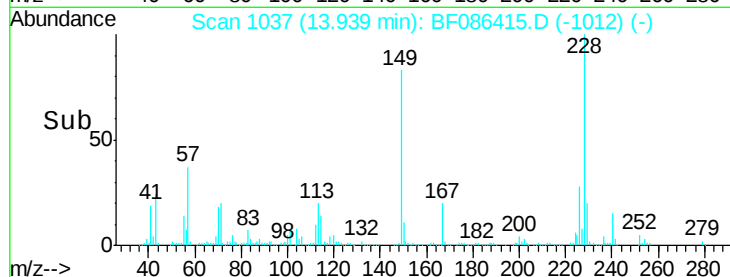
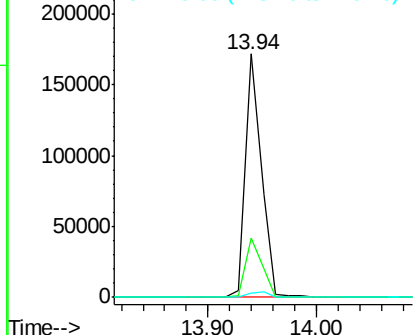
149 100

167 24.3 21.8 32.6

279 1.9 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: 8.56 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

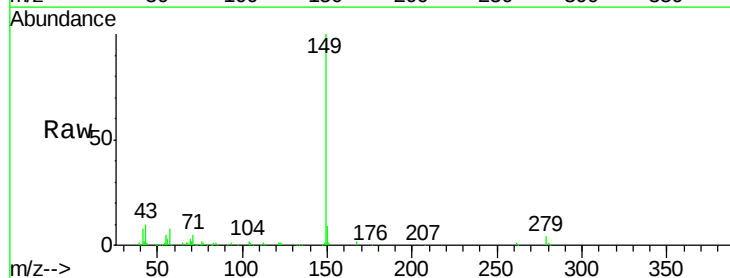
Tgt Ion:149 Resp: 254486

Ion Ratio Lower Upper

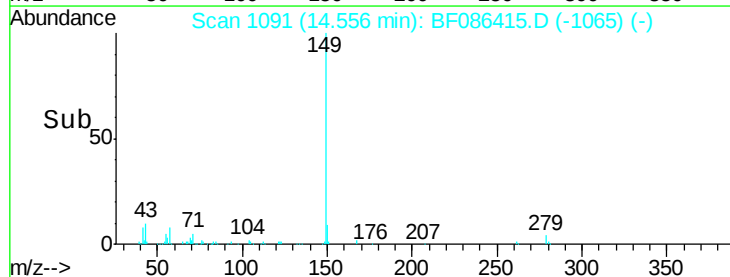
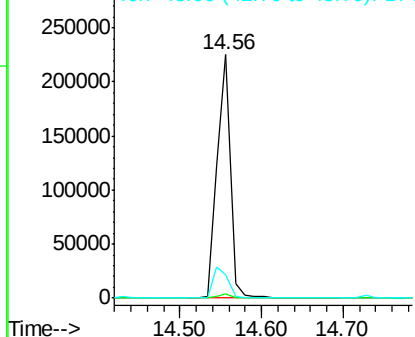
149 100

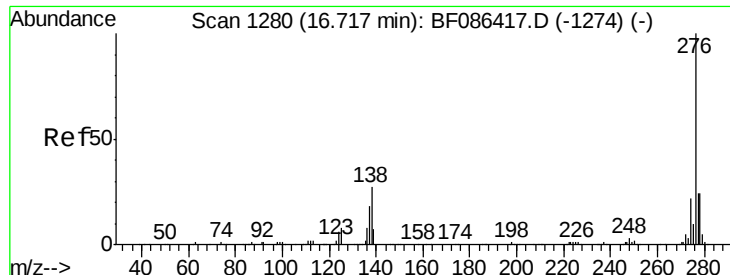
167 1.5 1.2 1.8

43 16.1 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

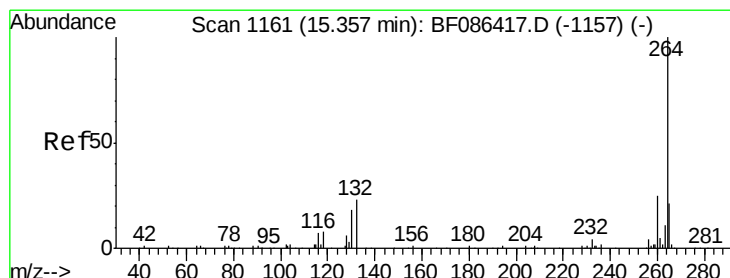
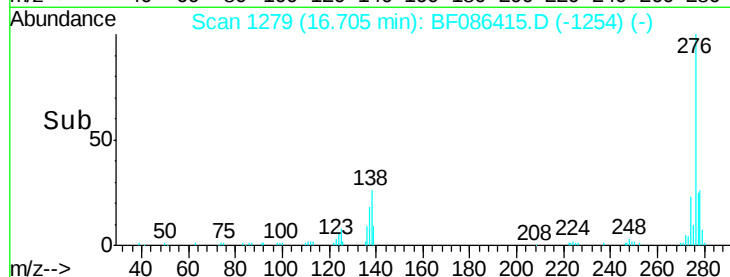
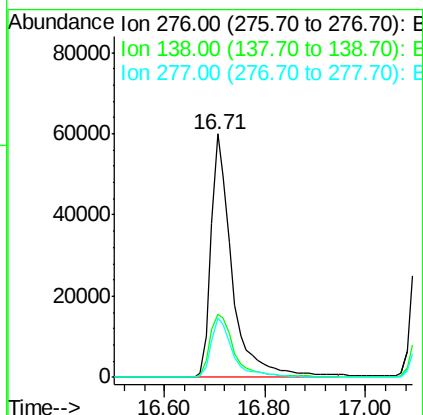
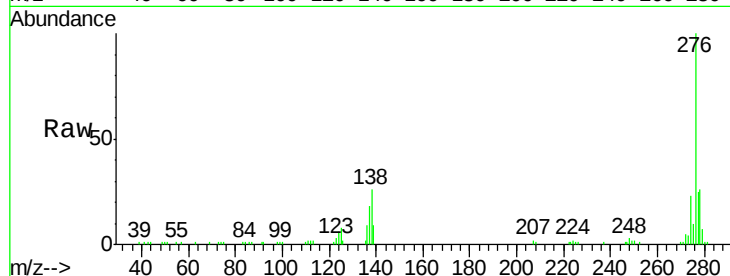




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.94 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

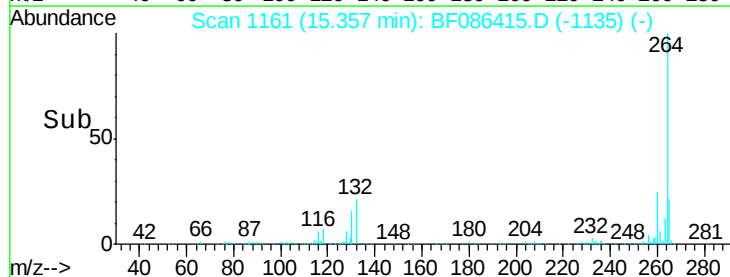
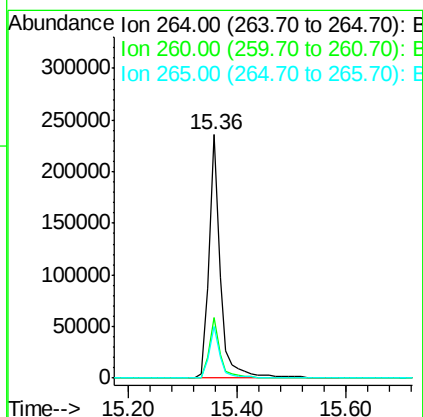
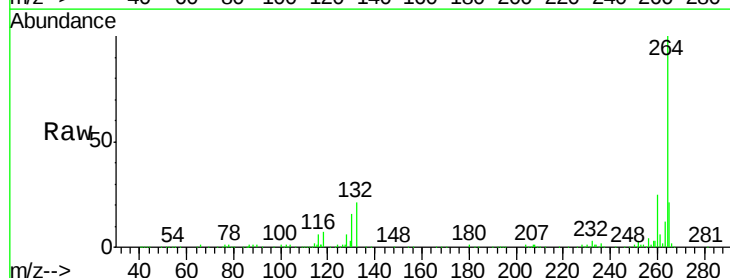
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

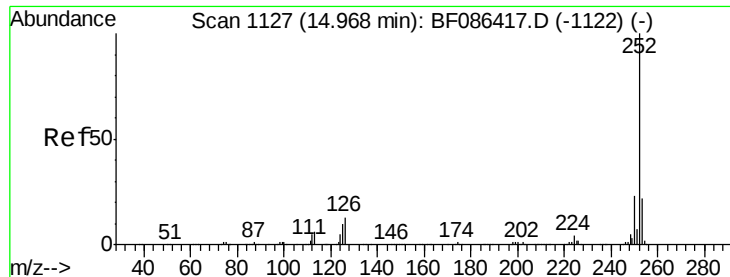
Tot Ion:276 Resp: 175780
 Ion Ratio Lower Upper
 276 100
 138 30.0 25.6 38.4
 277 24.7 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Tgt Ion:264 Resp: 345871
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.2 17.3 25.9

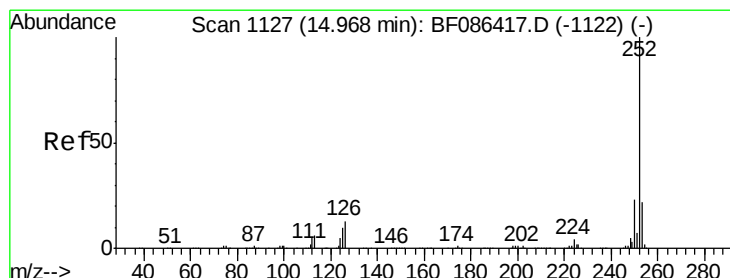
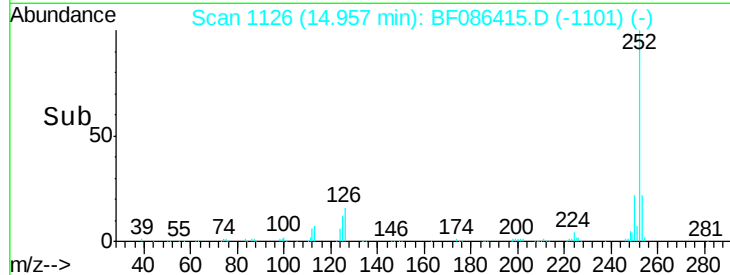
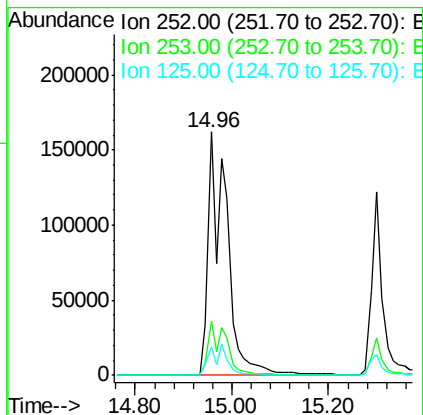
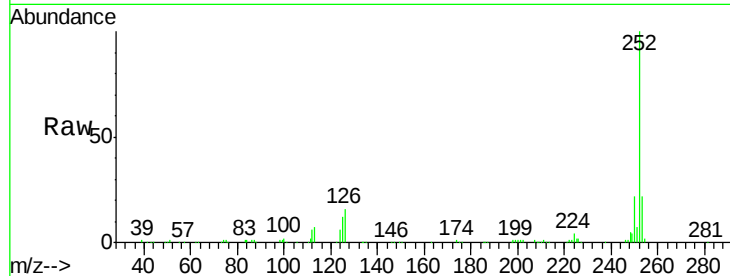




#87
Benzo(b)fluoranthene
Concen: 23.14 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

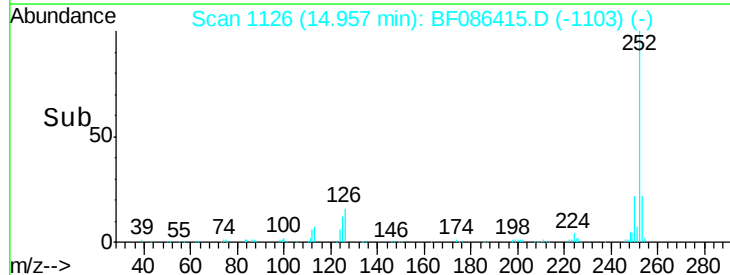
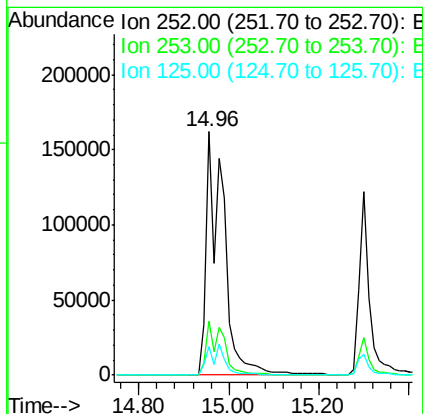
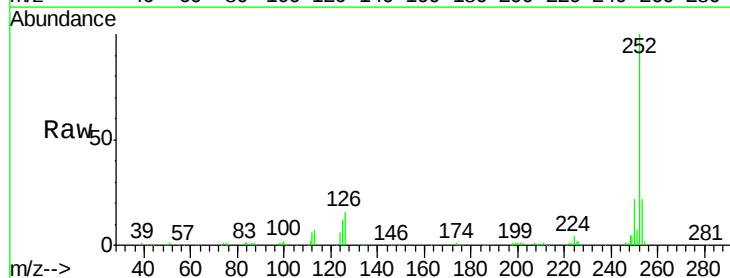
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

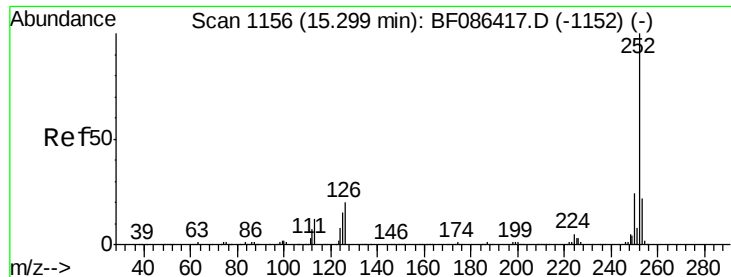
Tot Ion:252 Resp: 439231
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.5 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 23.62 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF086415.D
Acq: 27 Apr 2016 10:56

Tgt Ion:252 Resp: 440055
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.5 9.1 13.7





#89

Benzo(a)pyrene

Concen: 10.45 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

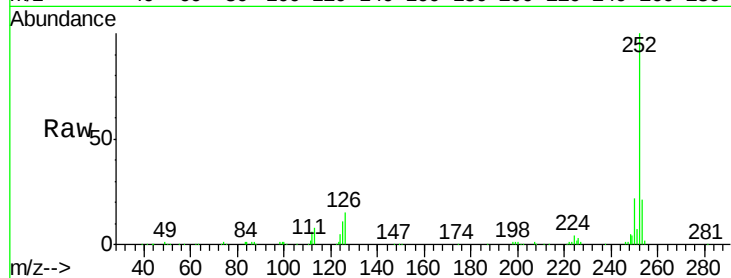
Tot Ion:252 Resp: 195758

Ion Ratio Lower Upper

252 100

253 20.6 17.2 25.8

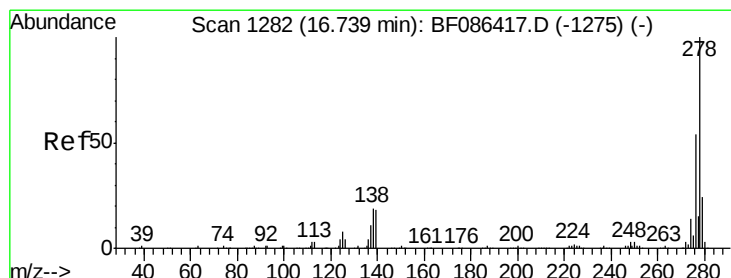
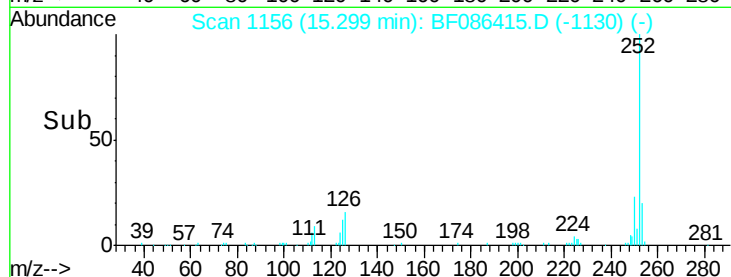
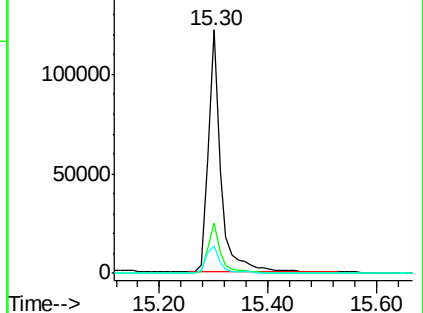
125 11.3 9.0 13.6



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: 9.46 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF086415.D

Acq: 27 Apr 2016 10:56

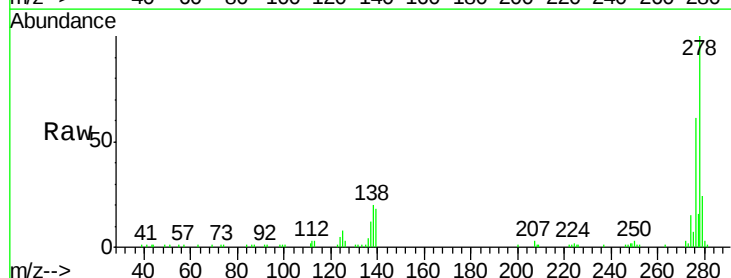
Tgt Ion:278 Resp: 146136

Ion Ratio Lower Upper

278 100

139 17.6 16.6 24.8

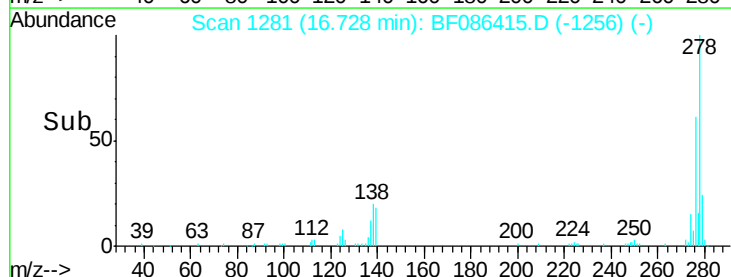
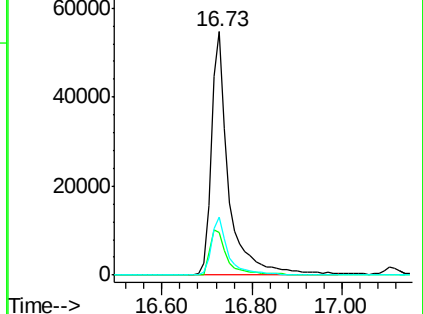
279 24.0 19.6 29.4

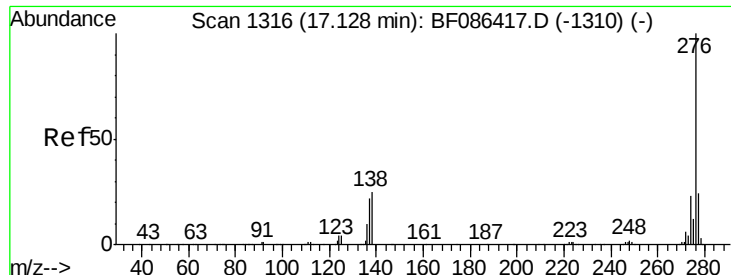


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

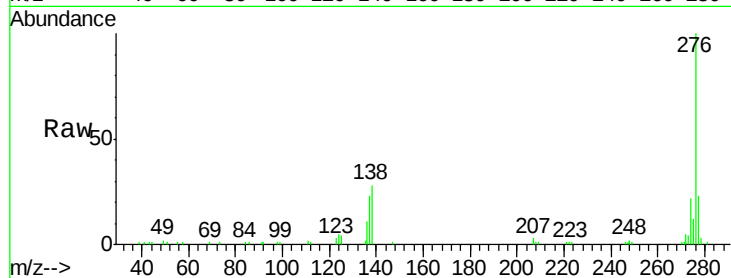




#91
 Benzo(a,h,i)perylene
 Concen: 8.85 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF086415.D
 Acq: 27 Apr 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.2	19.6	29.4	
138	27.7	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

