

Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
 Data File : BF086451.D
 Acq On : 28 Apr 2016 4:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 28 05:25:54 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 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171544	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	668533	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244034	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	377896	20.00	ng	0.00
75) Chrysene-d12	13.96	240	391070	20.00	ng	0.00
86) Perylene-d12	15.37	264	308893	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	869579	87.44	ng	0.01
7) Phenol-d6	6.45	99	1111390	80.07	ng	0.01
23) Nitrobenzene-d5	7.38	82	979311	78.96	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	172708	67.11	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1301715	95.90	ng	0.00
78) Terphenyl-d14	12.91	244	1051301	59.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	208325	39.88	ng	# 76
3) Pyridine	3.06	79	467953	37.85	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	326429	46.32	ng	# 57
6) Aniline	6.48	93	683612	40.70	ng	90
8) 2-Chlorophenol	6.59	128	453301	36.59	ng	85
9) Benzaldehyde	6.35	77	314237	38.91	ng	98
10) Phenol	6.46	94	649604	41.95	ng	# 62
11) bis(2-Chloroethyl)ether	6.54	93	498072	37.20	ng	85
12) 1,3-Dichlorobenzene	6.75	146	518423	38.91	ng	97
13) 1,4-Dichlorobenzene	6.83	146	530754	38.61	ng	99
14) 1,2-Dichlorobenzene	6.98	146	459304	36.43	ng	97
15) Benzyl Alcohol	6.96	79	368948	42.02	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1040552	38.83	ng	88
17) 2-Methylphenol	7.07	107	374468	37.40	ng	94
18) Hexachloroethane	7.32	117	158811	30.91	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	316661	34.51	ng	# 70
20) 3+4-Methylphenols	7.23	107	444399	38.88	ng	# 86
22) Acetophenone	7.22	105	614057	41.89	ng	# 88
24) Nitrobenzene	7.40	77	529110	41.47	ng	# 87
25) Isophorone	7.64	82	921612	38.61	ng	# 93
26) 2-Nitrophenol	7.71	139	136104	23.17	ng	# 87
27) 2,4-Dimethylphenol	7.76	122	407056	39.49	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	511121	39.30	ng	98
29) 2,4-Dichlorophenol	7.96	162	308287	35.45	ng	92
30) 1,2,4-Trichlorobenzene	8.04	180	394035	39.06	ng	97
31) Naphthalene	8.12	128	1266984	37.24	ng	100
32) Benzoic acid	7.86	122	125801	25.25	ng	# 85
33) 4-Chloroaniline	8.17	127	488338	38.33	ng	# 92
34) Hexachlorobutadiene	8.24	225	217364	38.43	ng	99
35) Caprolactam	8.54	113	96418	33.23	ng	# 74
36) 4-Chloro-3-methylphenol	8.65	107	302903	30.42	ng	89
37) 2-Methylnaphthalene	8.81	142	694982	34.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	306752	43.91	ng	98
40) Hexachlorocyclopentadiene	8.96	237	9738	2.81	ng	95

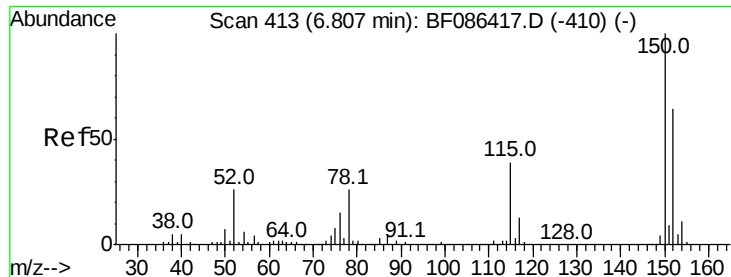
Data Path : Z:\HPCHEM1\BNA F\Data\BF042716\
 Data File : BF086451.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	161066	36.48	nq	95
43) 2,4,5-Trichlorophenol	9.13	196	174756	36.31	nq	# 93
45) 1,1'-Biphenyl	9.28	154	897205	43.99	nq	99
46) 2-Chloronaphthalene	9.30	162	664702	42.86	nq	99
47) 2-Nitroaniline	9.39	65	217828	43.80	nq	# 78
48) Acenaphthylene	9.71	152	949471	39.17	nq	99
49) Dimethylphthalate	9.57	163	742108	40.39	nq	100
50) 2,6-Dinitrotoluene	9.63	165	127167	33.51	nq	# 71
51) Acenaphthene	9.88	154	577967	37.12	nq	99
52) 3-Nitroaniline	9.80	138	173987	40.31	nq	87
53) 2,4-Dinitrophenol	9.92	184	220	7.93	nq	# 1
54) Dibenzofuran	10.05	168	730015	37.51	nq	99
55) 4-Nitrophenol	9.96	139	80245	28.39	nq	# 65
56) 2,4-Dinitrotoluene	10.04	165	151806	31.38	nq	# 82
57) Fluorene	10.40	166	579783	34.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124664	33.13	nq	97
59) Diethylphthalate	10.27	149	664559	38.21	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	266869	34.79	nq	97
61) 4-Nitroaniline	10.42	138	162243	38.45	nq	91
62) Azobenzene	10.54	77	667342	35.03	nq	89
65) n-Nitrosodiphenylamine	10.51	169	488142	41.33	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	163443	41.97	nq	93
67) Hexachlorobenzene	10.94	284	175000	38.83	nq	100
68) Atrazine	11.04	200	116798	32.93	nq	95
69) Pentachlorophenol	11.14	266	77153	32.47	nq	96
70) Phenanthrene	11.36	178	776830	39.17	nq	99
71) Anthracene	11.40	178	833871	39.40	nq	100
72) Carbazole	11.56	167	753510	40.17	nq	99
73) Di-n-butylphthalate	11.89	149	885957	41.69	nq	99
74) Fluoranthene	12.53	202	860430	42.98	nq	99
76) Benzidine	12.67	184	423919	31.54	nq	95
77) Pyrene	12.76	202	882677	31.32	nq	100
79) Butylbenzylphthalate	13.39	149	452817	37.10	nq	91
80) Benzo(a)anthracene	13.95	228	798885	38.32	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	567748	40.73	nq	98
82) Chrysene	13.99	228	846078	37.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	575863	38.01	nq	98
84) Di-n-octyl phthalate	14.56	149	1089961	45.94	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.73	276	596126	35.50	nq	98
87) Benzo(b)fluoranthene	15.00	252	1550534	85.33	nq	# 95
88) Benzo(k)fluoranthene	15.00	252	1552591	81.91	nq	98
89) Benzo(a)pyrene	15.31	252	652294	38.02	nq	# 97
90) Dibenzo(a,h)anthracene	16.75	278	509021	36.26	nq	97
91) Benzo(g,h,i)perylene	17.14	276	476434	33.86	nq	94

(#) = 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: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

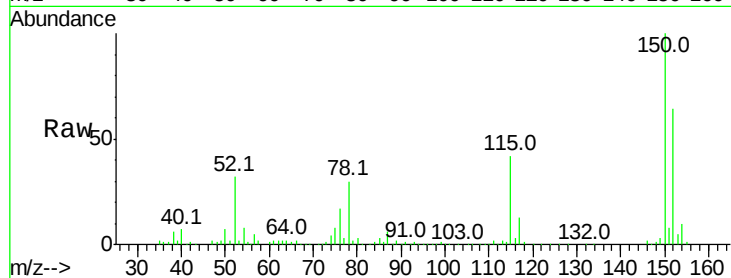
Tot Ion:152 Resp: 171544

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

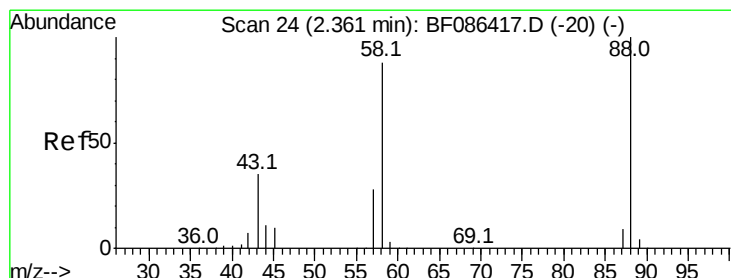
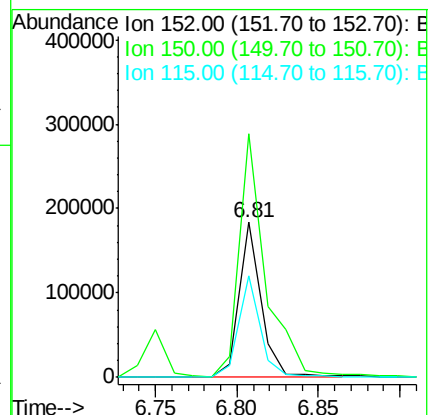
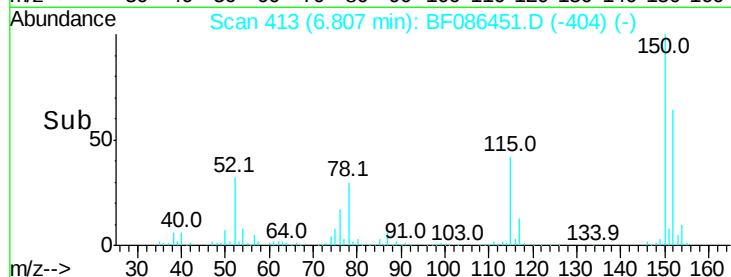
115 65.7 51.5 77.3



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: 39.88 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

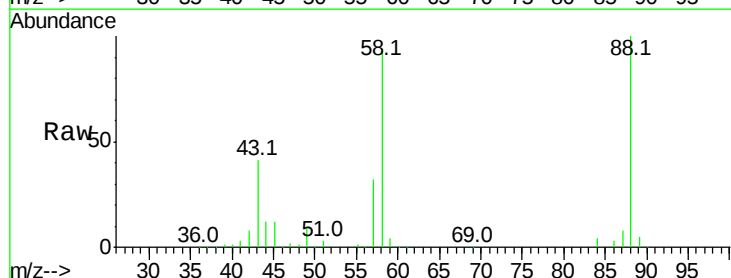
Tgt Ion: 88 Resp: 208325

Ion Ratio Lower Upper

88 100

58 95.2 59.6 89.4#

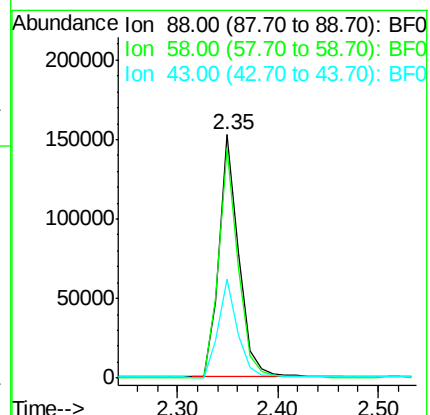
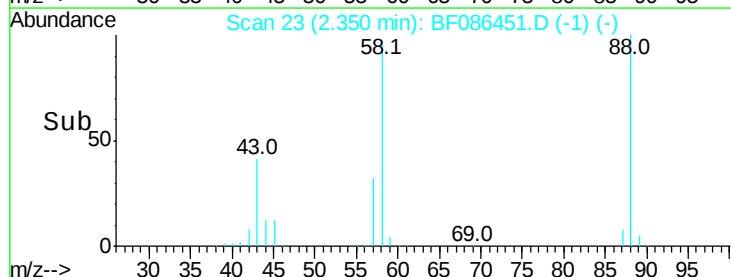
43 39.5 21.8 32.6#

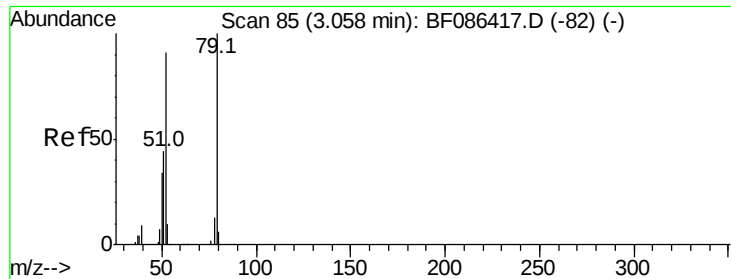


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

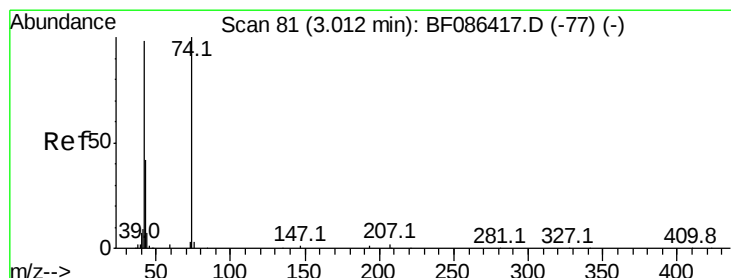
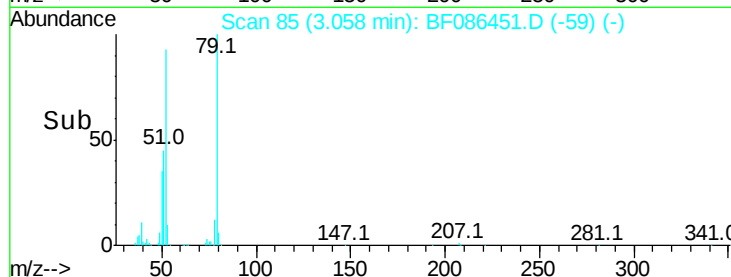
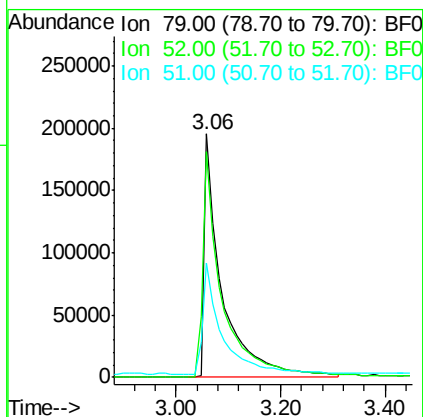
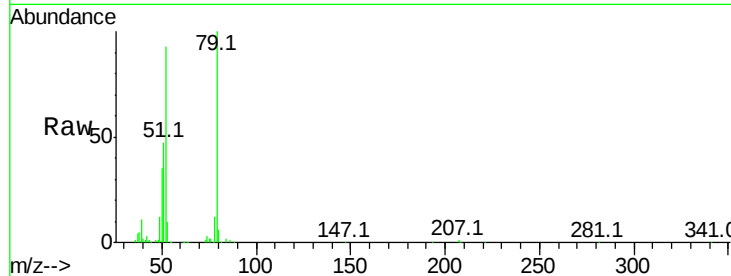




#3
 Pvridine
 Concen: 37.85 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

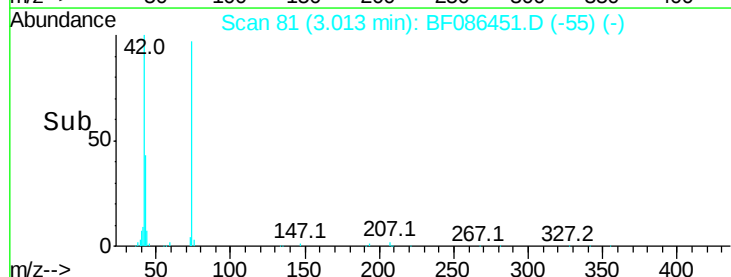
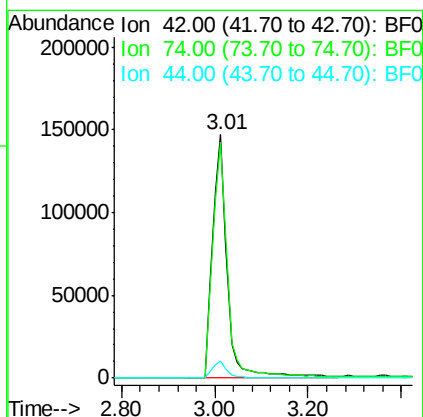
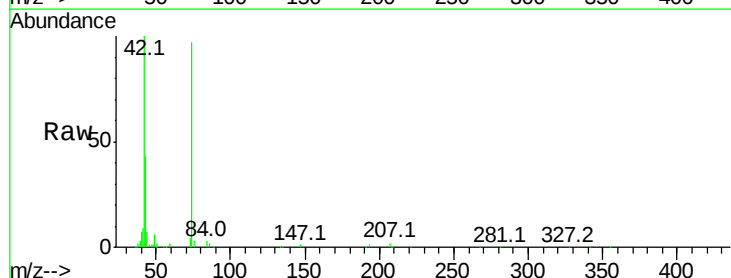
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

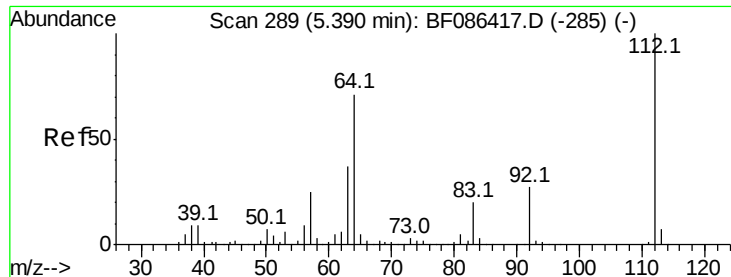
Tot Ion: 79 Resp: 467953
 Ion Ratio Lower Upper
 79 100
 52 92.6 55.9 83.9#
 51 46.8 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 46.32 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion: 42 Resp: 326429
 Ion Ratio Lower Upper
 42 100
 74 96.7 123.4 185.0#
 44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 87.44 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

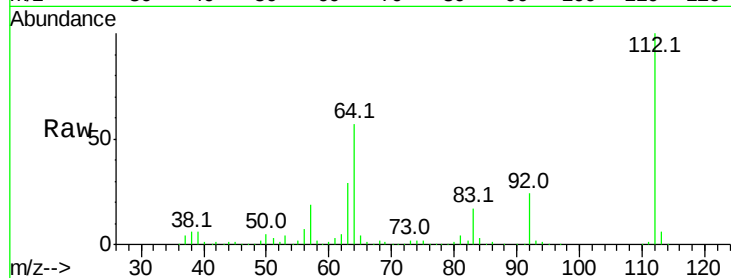
Tot Ion:112 Resp: 869579

Ion Ratio Lower Upper

112 100

64 56.6 52.1 78.1

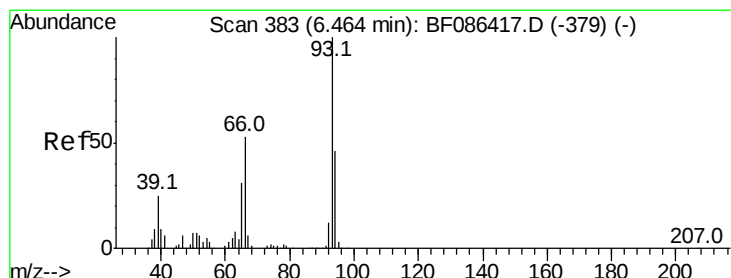
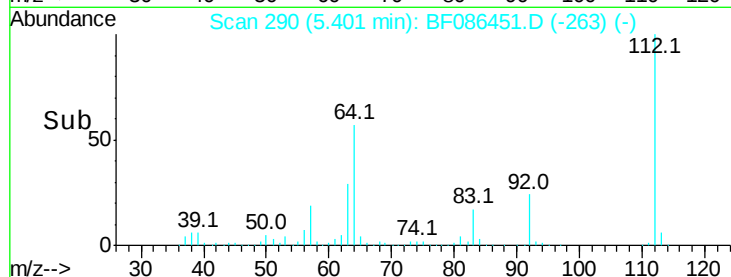
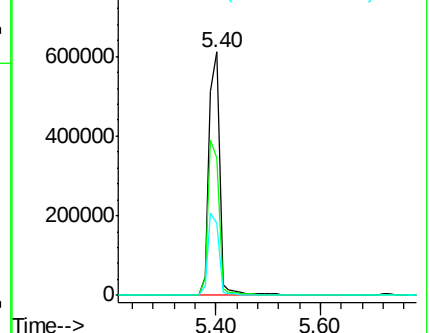
63 29.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.70 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

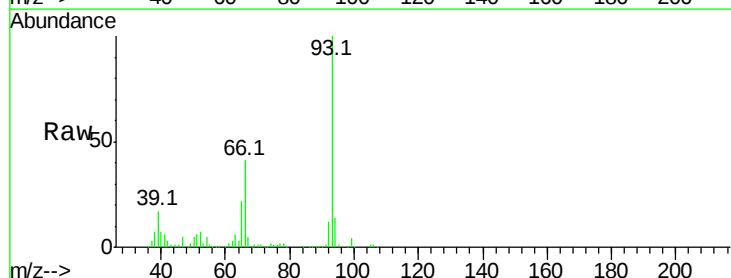
Tgt Ion: 93 Resp: 683612

Ion Ratio Lower Upper

93 100

66 41.0 39.0 58.6

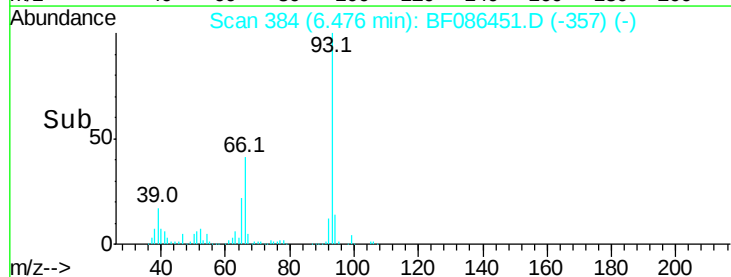
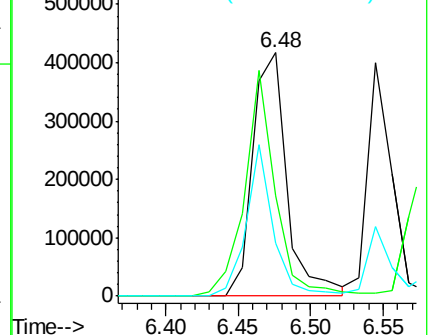
65 21.9 20.6 31.0

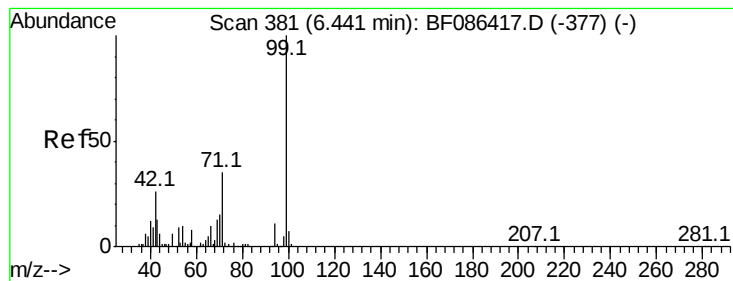


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.07 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

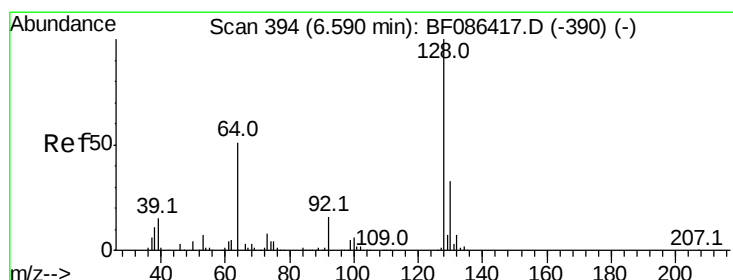
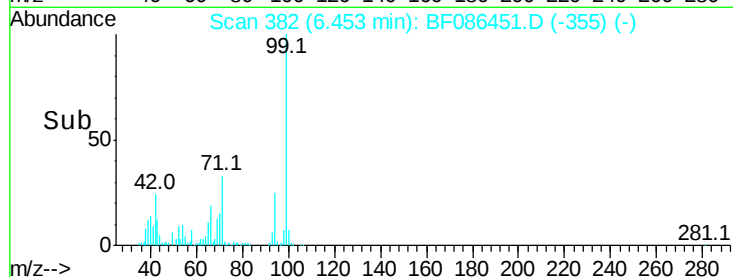
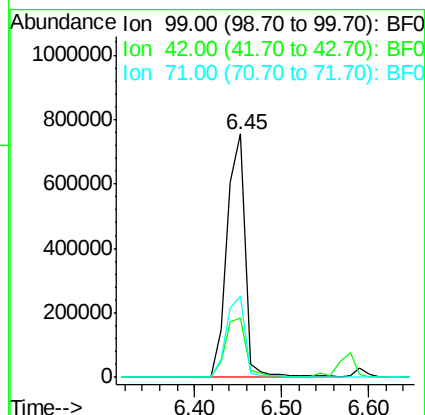
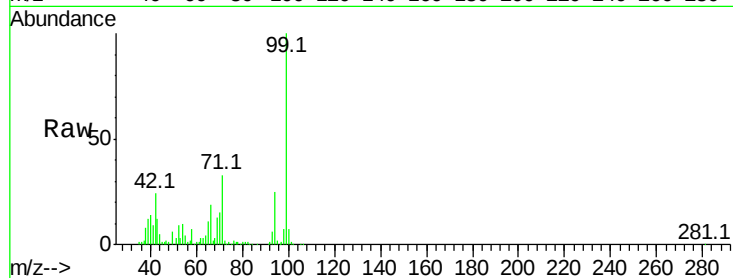
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1111390

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.6	20.4#
71	33.2	24.6	36.8



#8

2-Chlorophenol

Concen: 36.59 ng

RT: 6.59 min Scan# 394

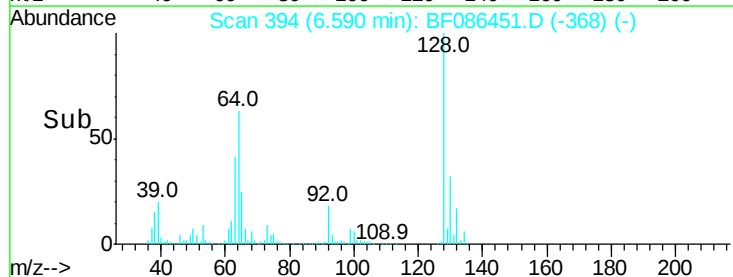
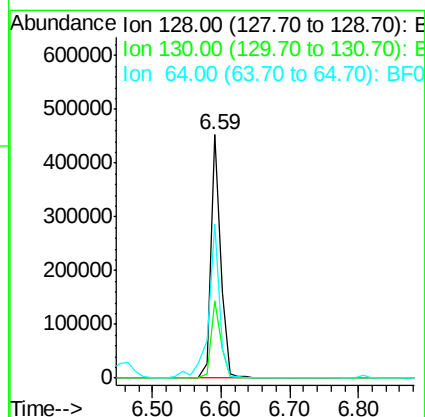
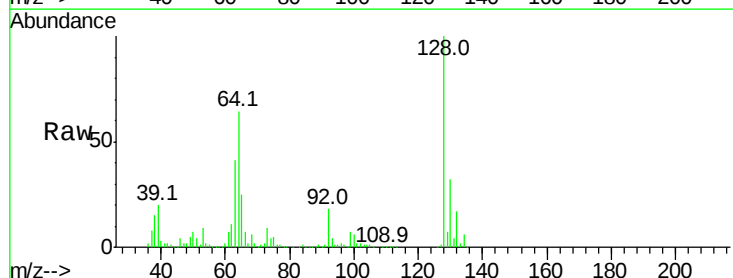
Delta R.T. 0.00 min

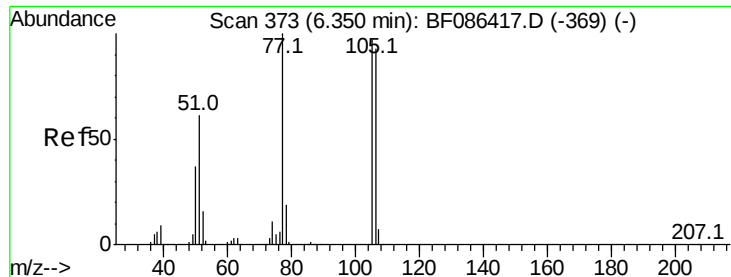
Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion: 128 Resp: 453301

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.5	52.5
64	63.5	27.3	67.3





#9

Benzaldehyde

Concen: 38.91 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

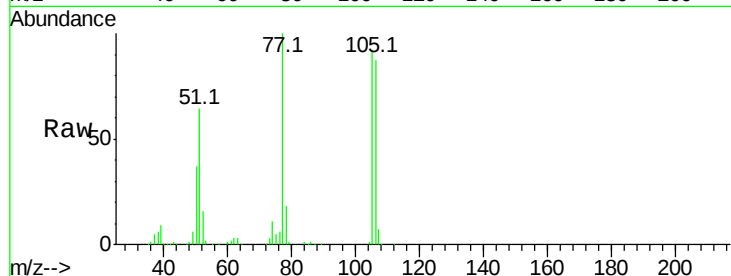
Tot Ion: 77 Resp: 314237

Ion Ratio Lower Upper

77 100

105 91.8 72.7 112.7

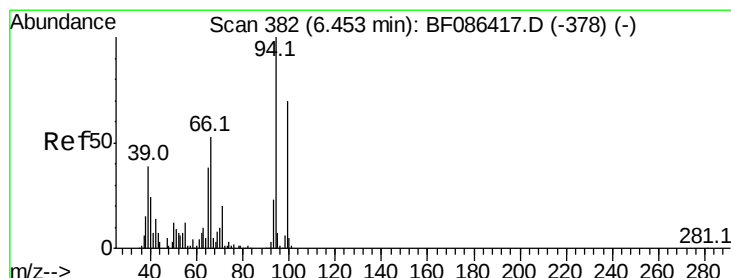
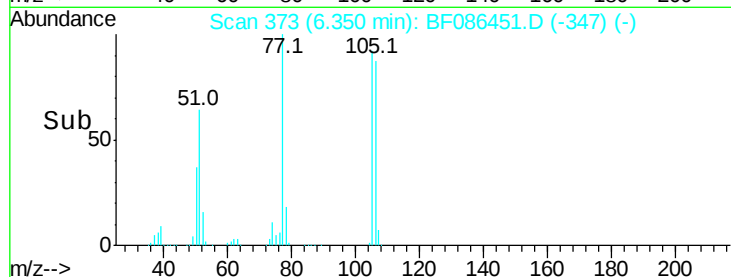
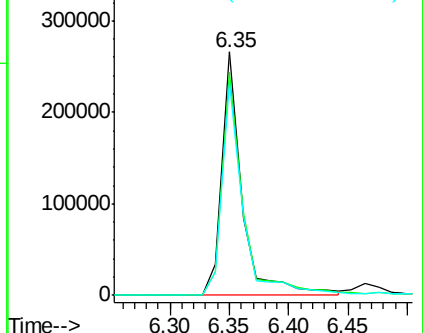
106 87.5 70.8 110.8



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: 41.95 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

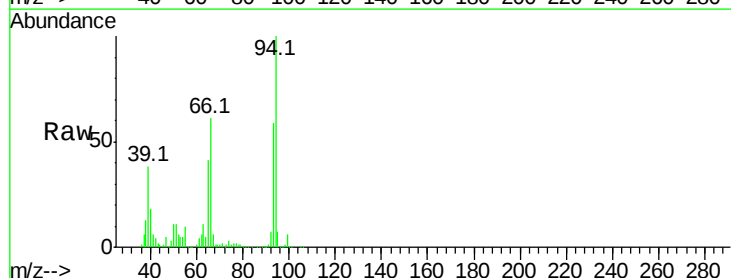
Tgt Ion: 94 Resp: 649604

Ion Ratio Lower Upper

94 100

65 41.3 7.2 47.2

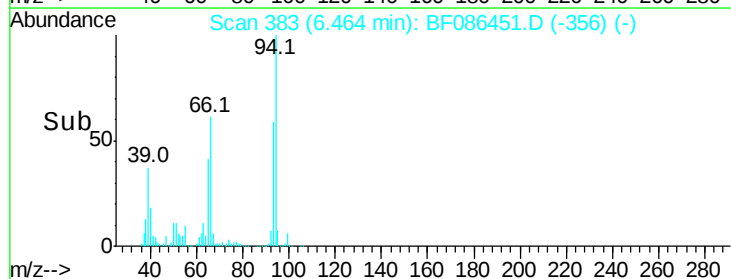
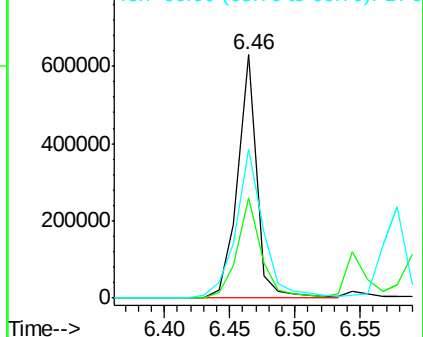
66 61.4 14.9 54.9#

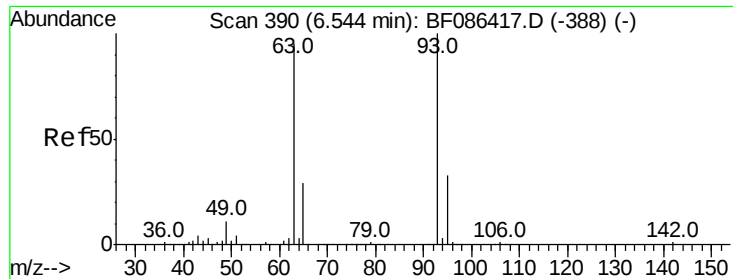


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.20 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

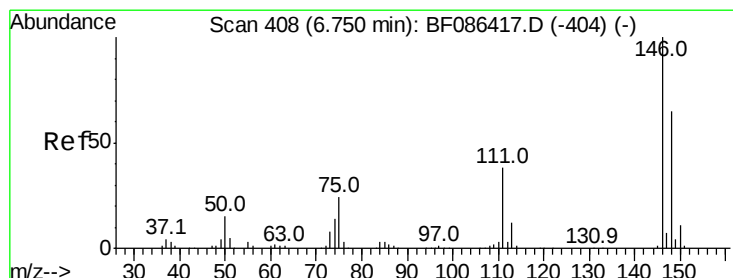
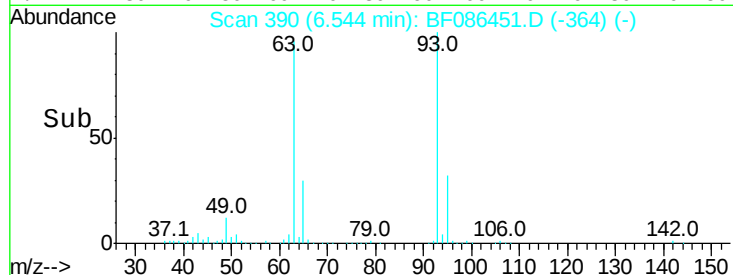
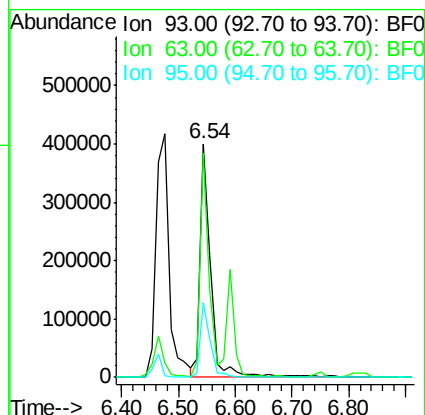
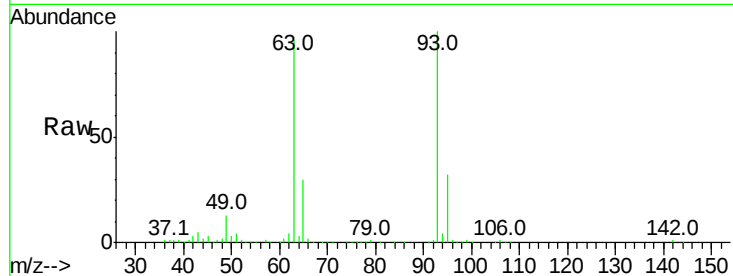
Tot Ion: 93 Resp: 498072

Ion Ratio Lower Upper

93 100

63 95.8 58.0 98.0

95 32.1 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 38.91 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

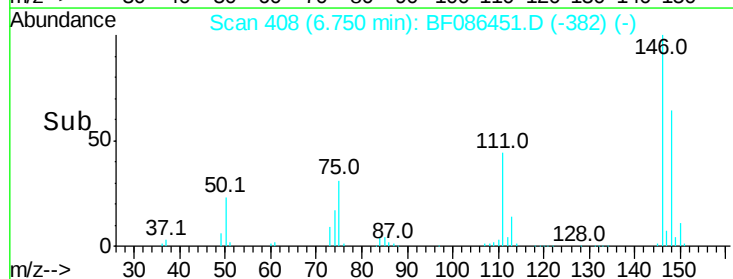
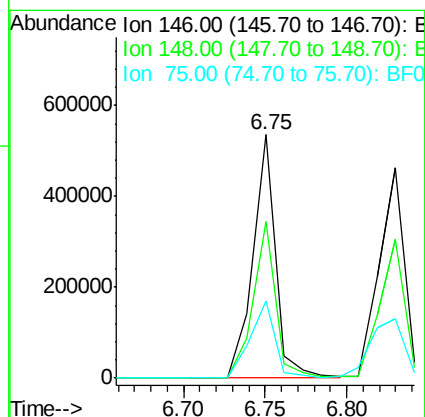
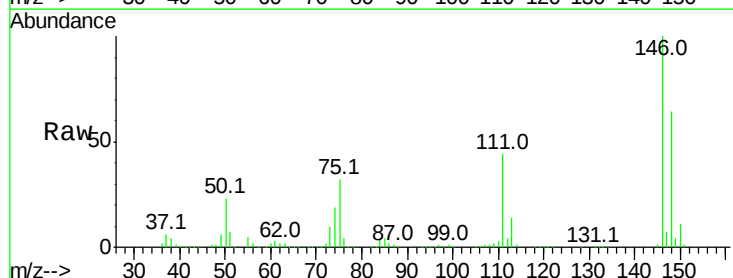
Tgt Ion: 146 Resp: 518423

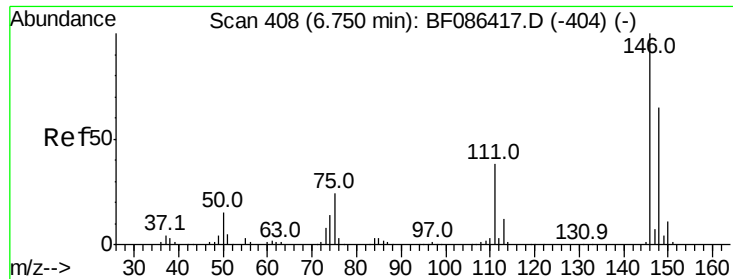
Ion Ratio Lower Upper

146 100

148 64.2 52.4 78.6

75 31.7 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 38.61 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

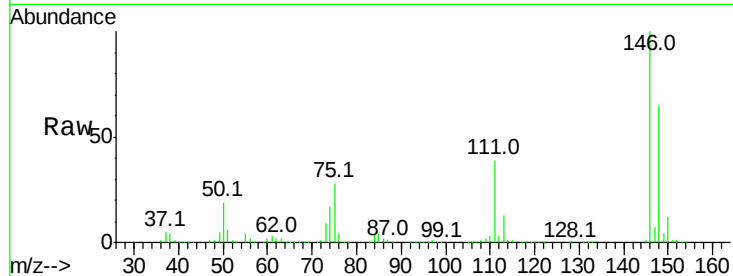
Tot Ion:146 Resp: 530754

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.4

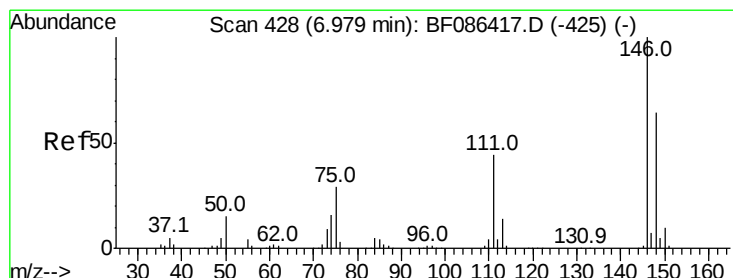
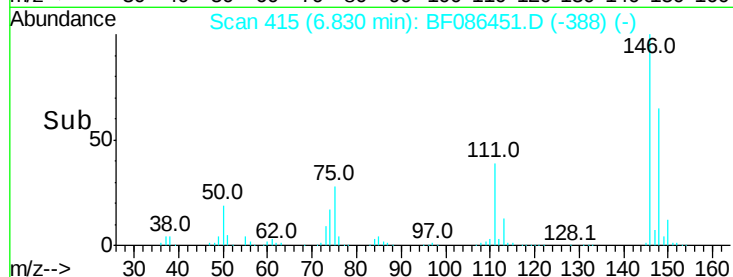
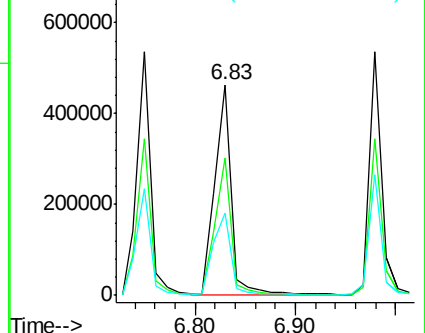
111 39.3 30.7 46.1



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: 36.43 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

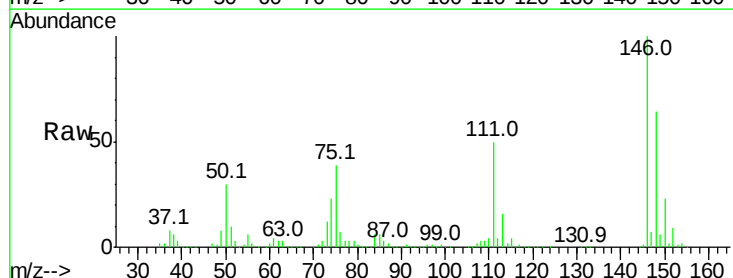
Tgt Ion:146 Resp: 459304

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

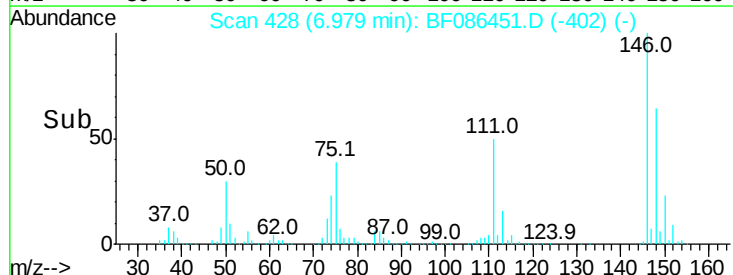
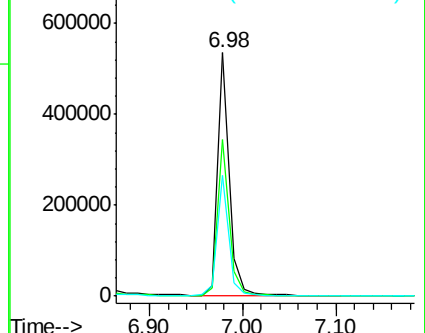
111 49.8 36.2 54.4

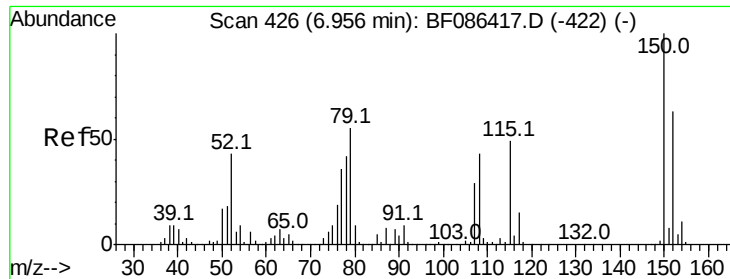


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.02 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

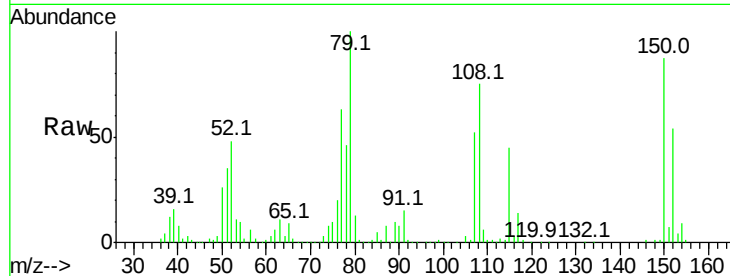
Tot Ion: 79 Resp: 368948

Ion Ratio Lower Upper

79 100

108 75.2 68.4 102.6

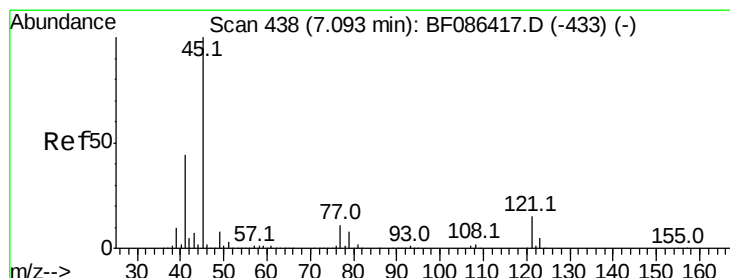
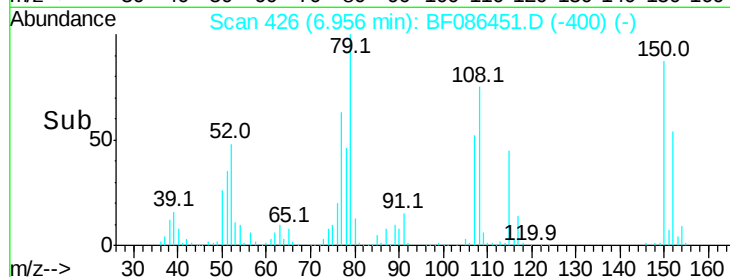
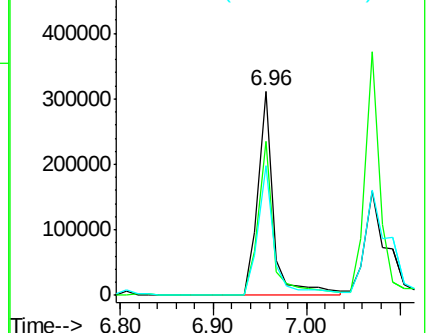
77 63.2 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.83 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

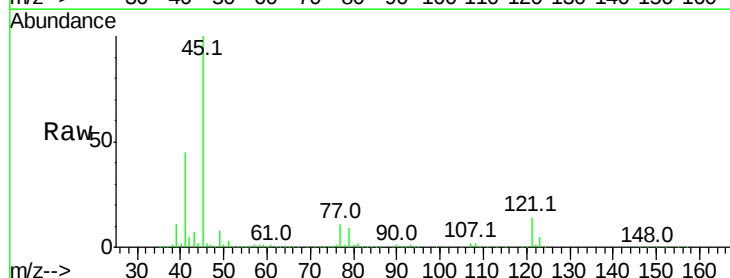
Tgt Ion: 45 Resp: 1040552

Ion Ratio Lower Upper

45 100

77 11.1 0.0 36.4

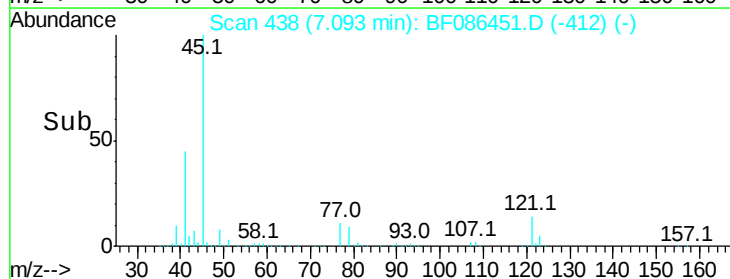
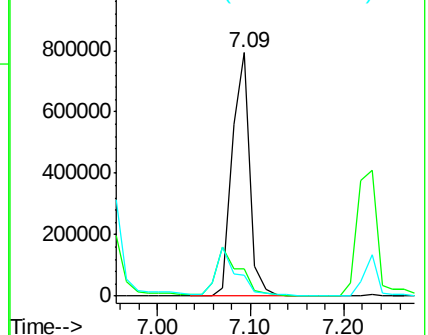
79 8.8 0.0 33.4

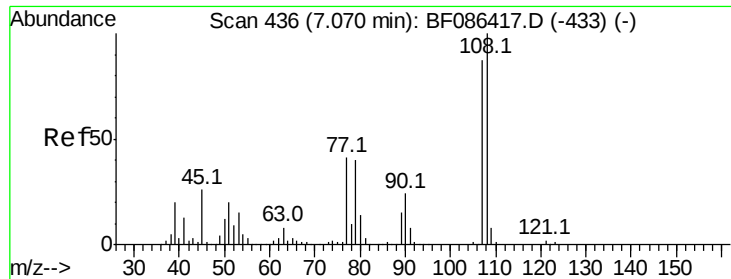


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.40 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 374468

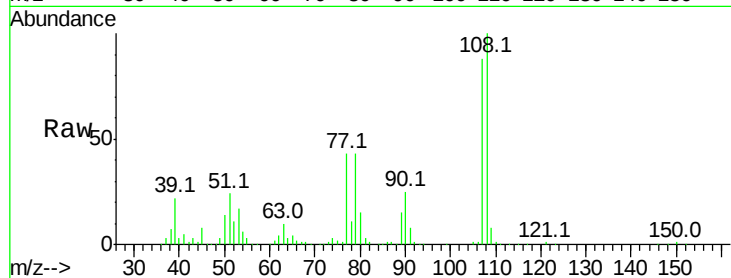
Ion Ratio Lower Upper

107 100

108 113.4 93.7 140.5

77 49.0 33.4 50.0

79 48.3 34.3 51.5

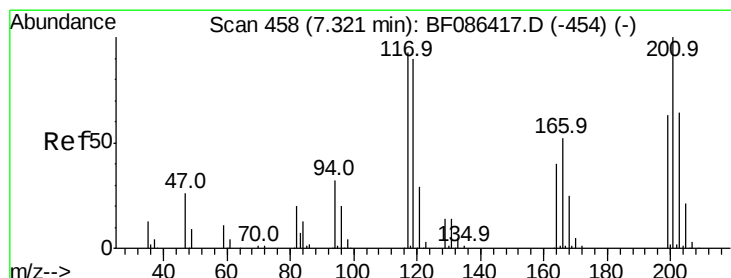
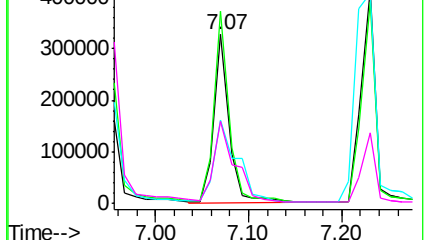
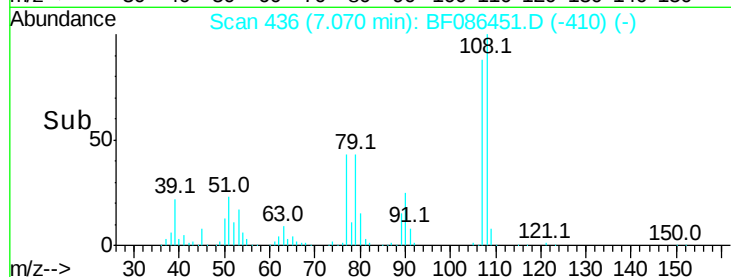


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.91 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

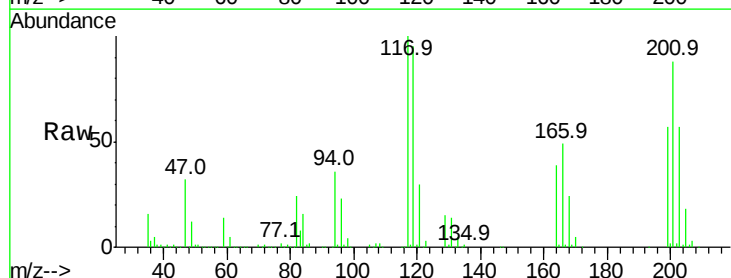
Tgt Ion:117 Resp: 158811

Ion Ratio Lower Upper

117 100

119 95.2 76.5 114.7

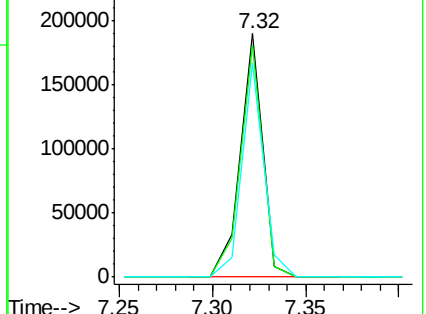
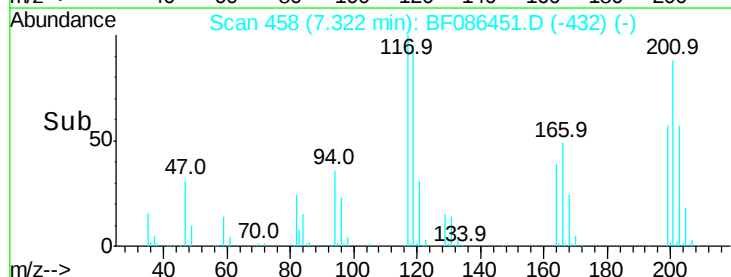
201 87.8 63.0 94.6

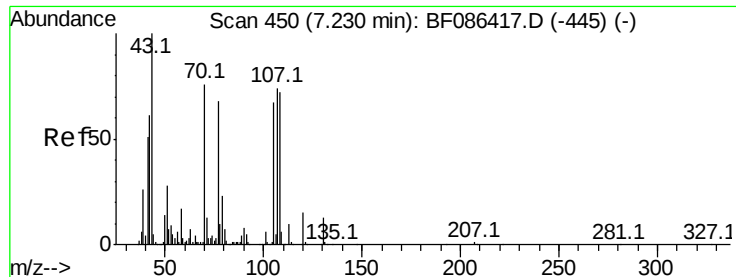


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

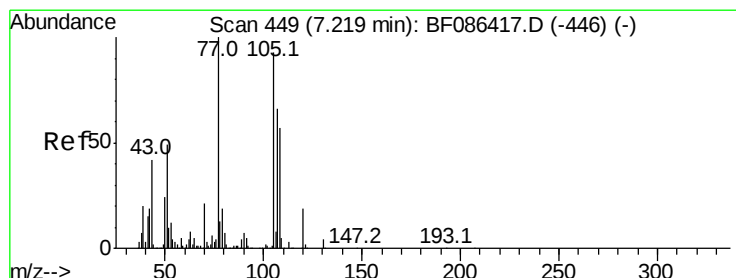
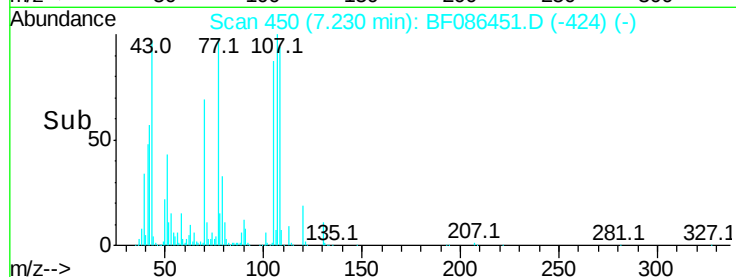
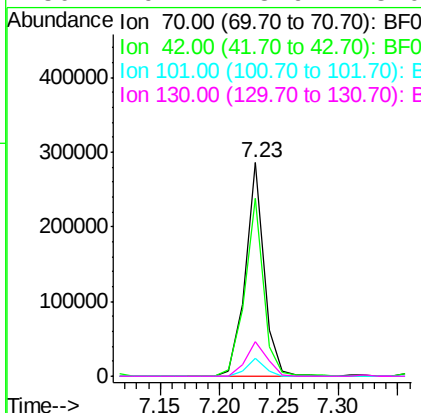
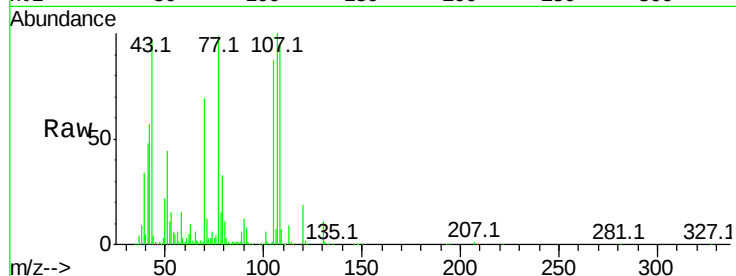




#19
n-Nitroso-di-n-propylamine
Concen: 34.51 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

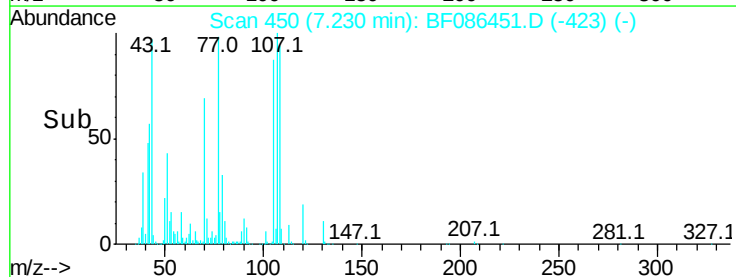
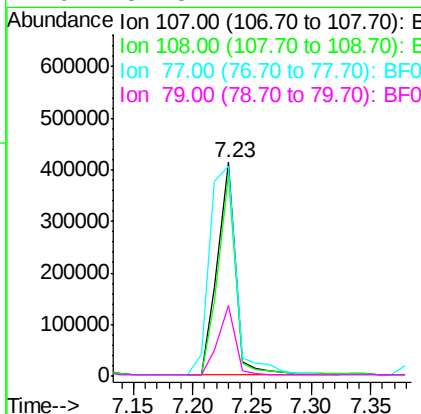
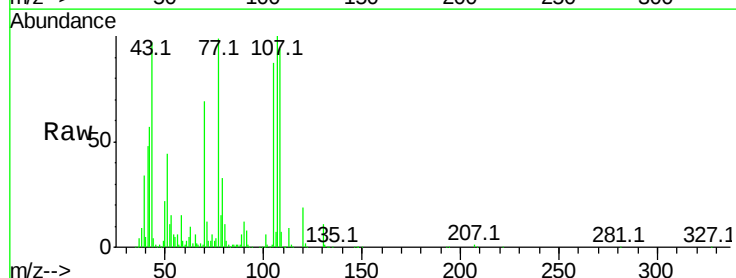
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

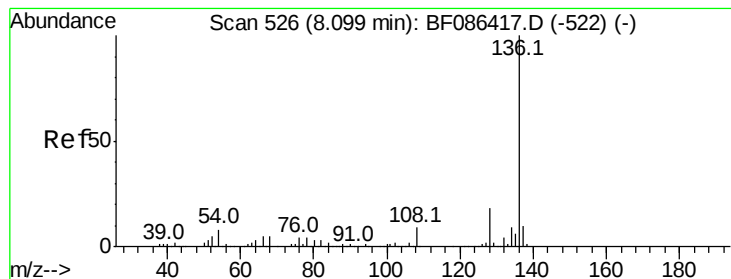
Tot Ion	Ratio	Lower	Upper
70	100		
42	83.1	43.1	64.7#
101	8.4	8.1	12.1
130	16.4	18.6	28.0#



#20
3+4-Methylphenols
Concen: 38.88 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	68.5	108.5
77	98.6	101.6	141.6#
79	32.8	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 668533

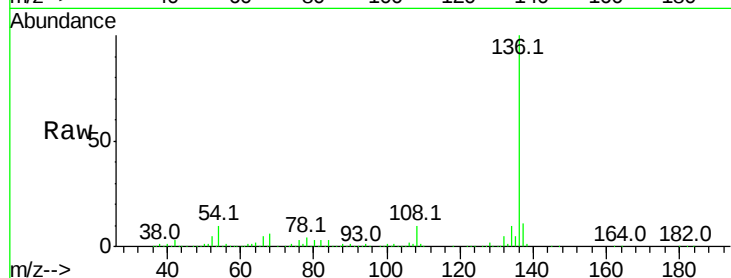
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.7 5.0 7.4#

68 5.9 4.4 6.6

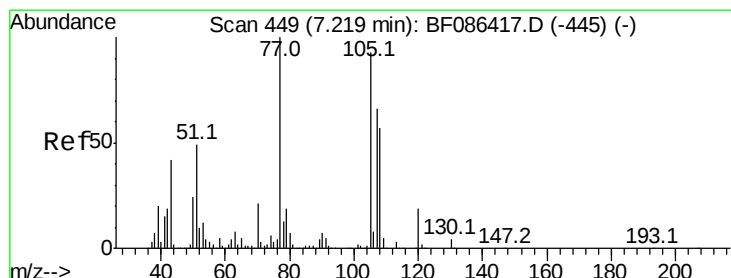
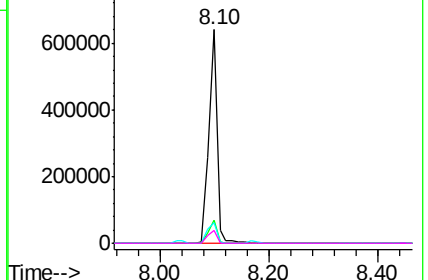
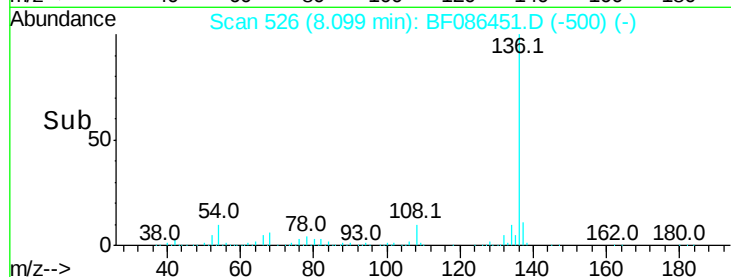


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.89 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Tgt Ion:105 Resp: 614057

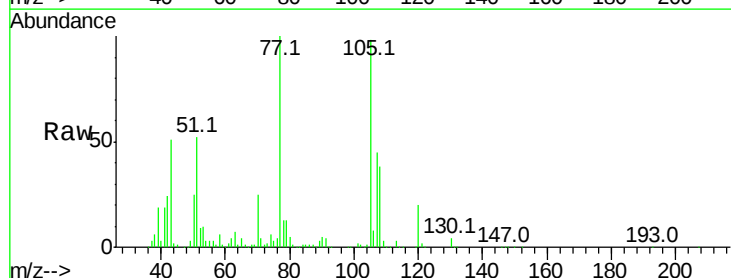
Ion Ratio Lower Upper

105 100

71 4.3 4.8 7.2#

51 52.9 32.6 49.0#

120 20.1 16.5 24.7

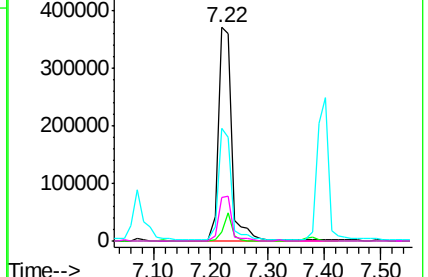
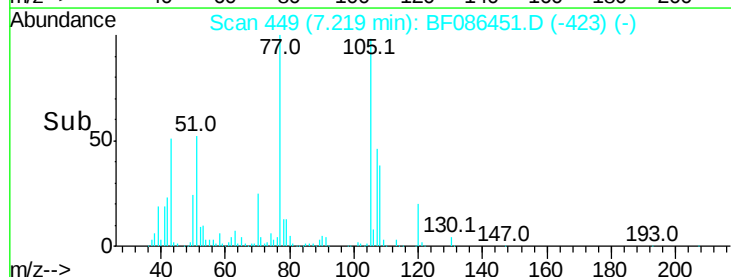


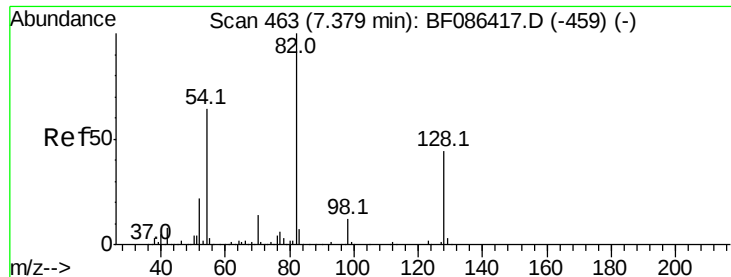
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

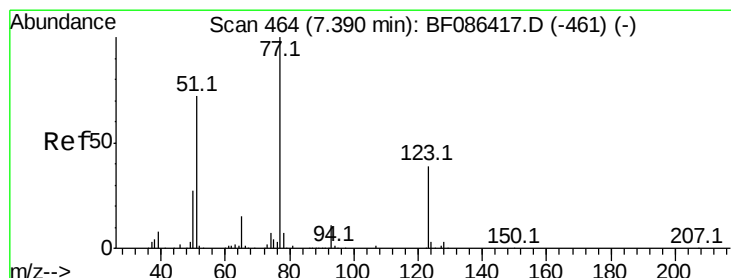
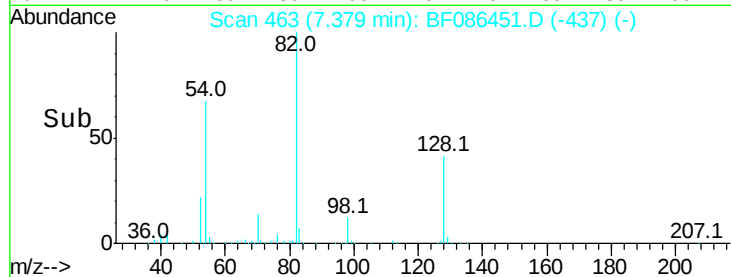
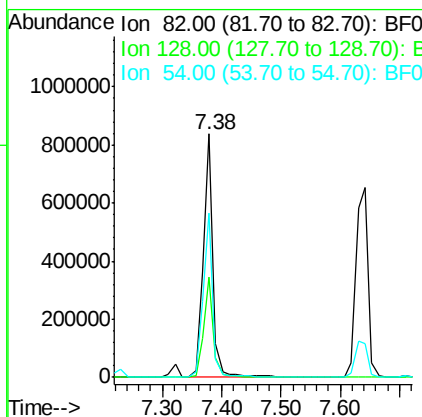
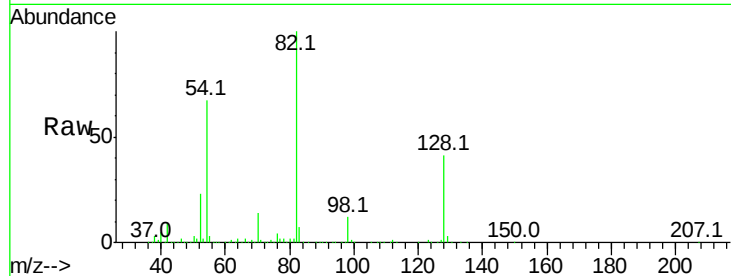




#23
Nitrobenzene-d5
Concen: 78.96 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

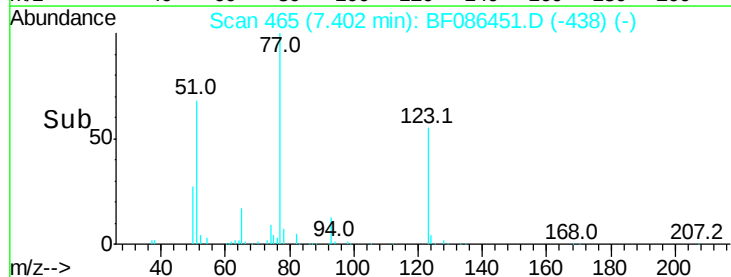
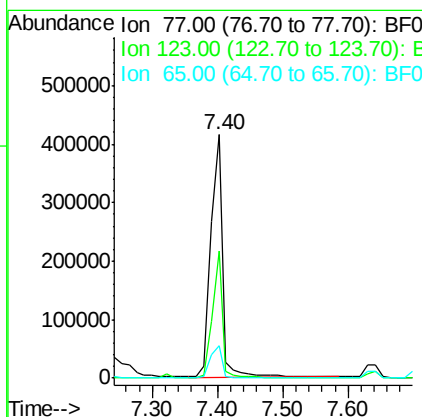
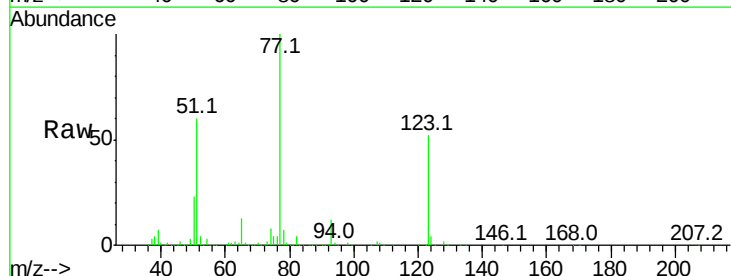
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

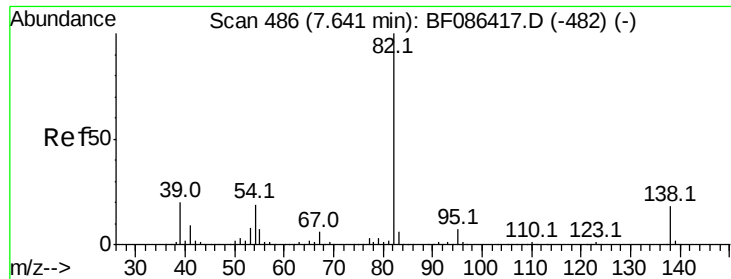
Tot Ion: 82 Resp: 979311
Ion Ratio Lower Upper
82 100
128 41.3 40.6 61.0
54 67.4 38.1 57.1#



#24
Nitrobenzene
Concen: 41.47 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion: 77 Resp: 529110
Ion Ratio Lower Upper
77 100
123 52.2 33.0 49.4#
65 13.4 10.8 16.2





#25

Isophorone

Concen: 38.61 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

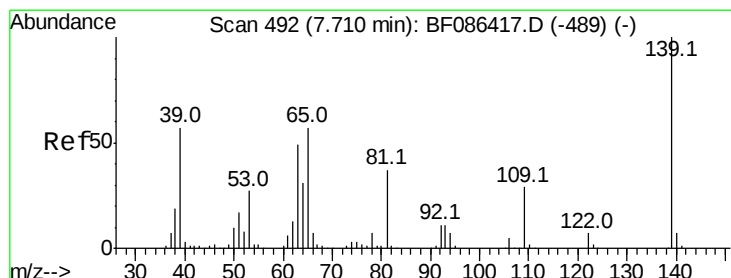
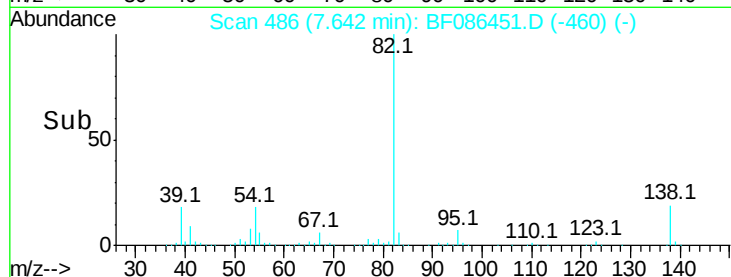
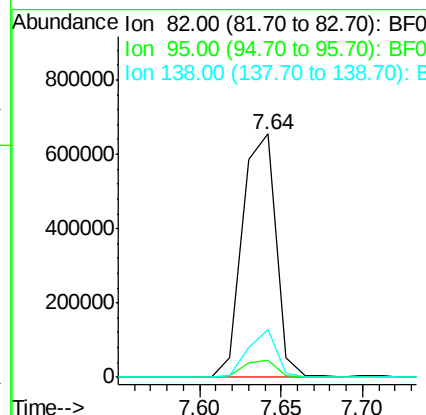
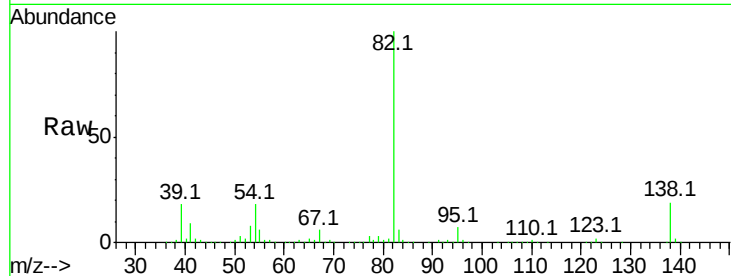
Tot Ion: 82 Resp: 921612

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

138 19.4 12.4 18.6#



#26

2-Nitrophenol

Concen: 23.17 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

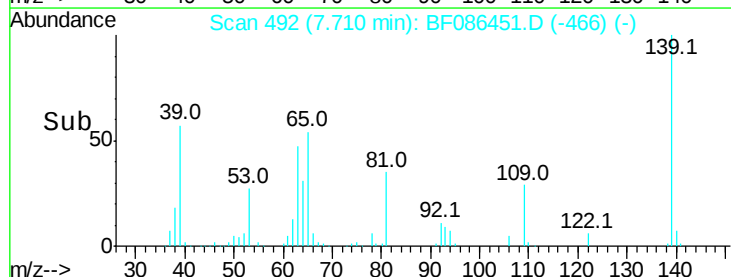
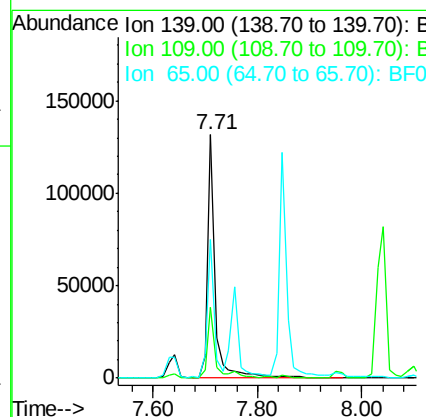
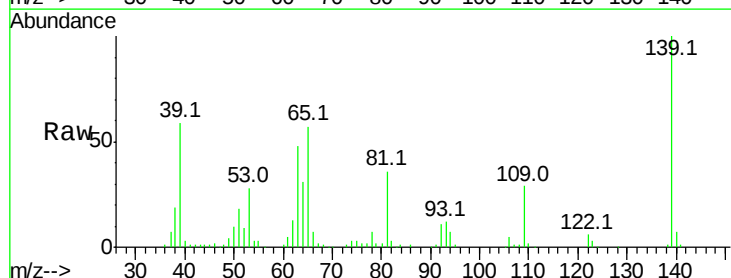
Tgt Ion: 139 Resp: 136104

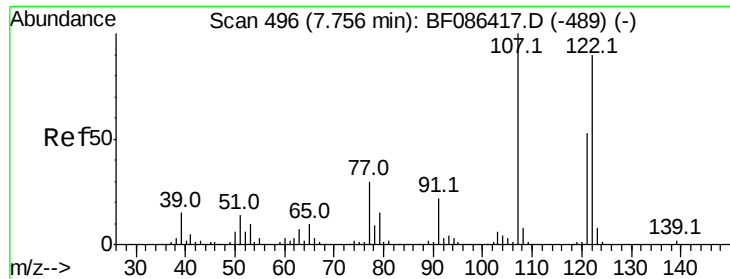
Ion Ratio Lower Upper

139 100

109 29.3 19.5 29.3#

65 56.7 37.5 56.3#

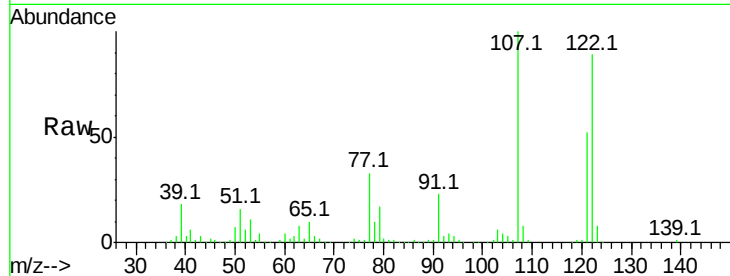




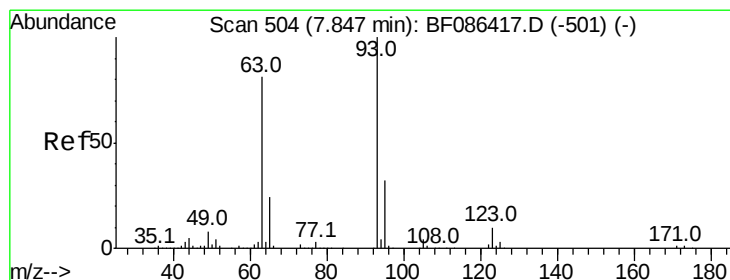
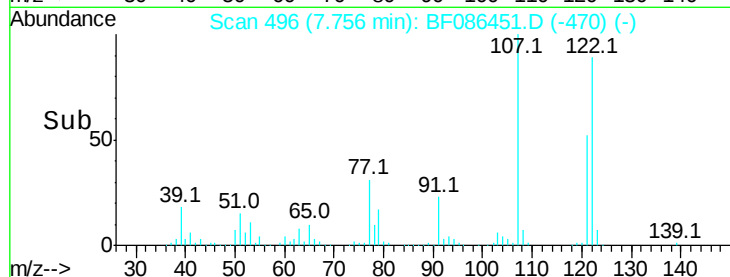
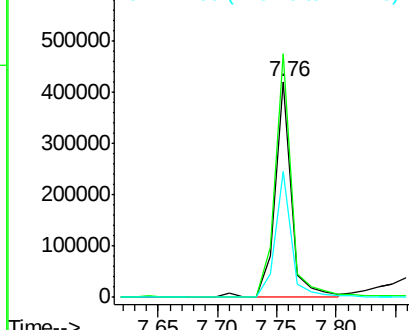
#27
 2,4-Dimethylphenol
 Concen: 39.49 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 407056
 Ion Ratio Lower Upper
 122 100
 107 112.8 82.0 123.0
 121 58.4 46.1 69.1

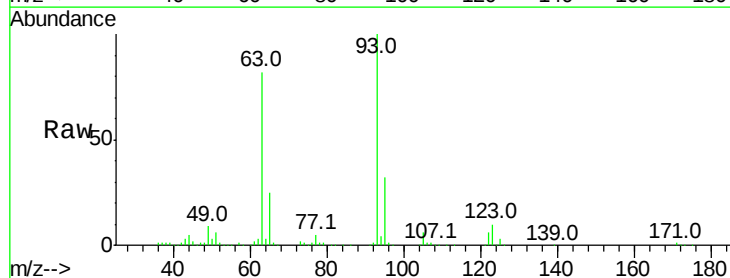


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

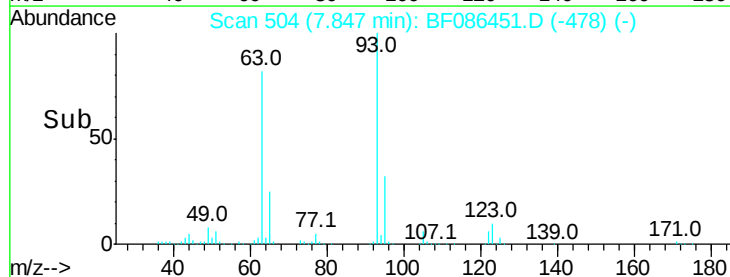
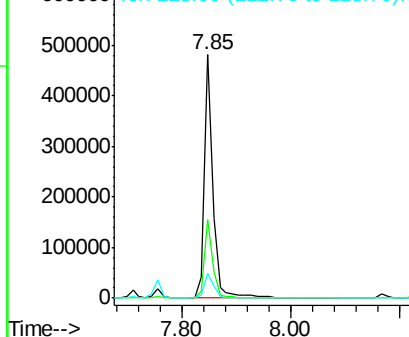


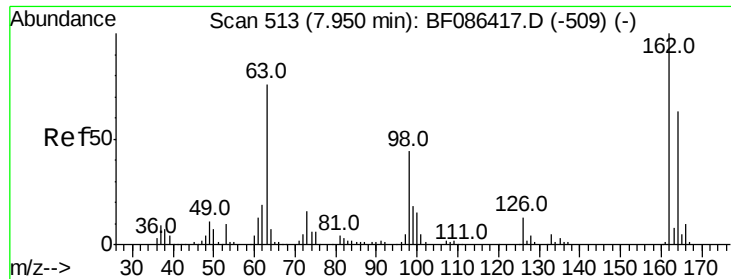
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.30 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion: 93 Resp: 511121
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 10.0 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

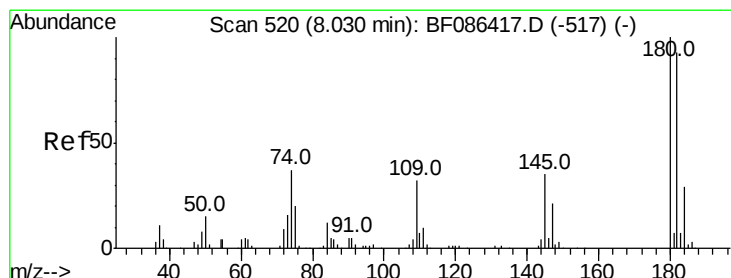
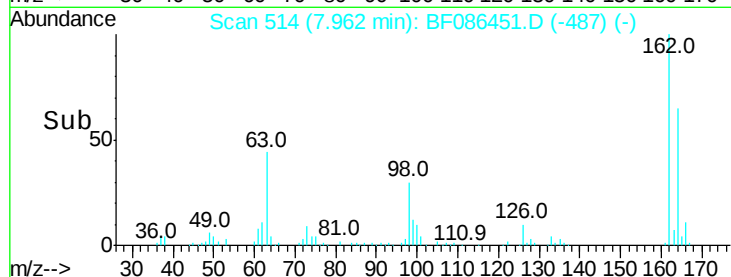
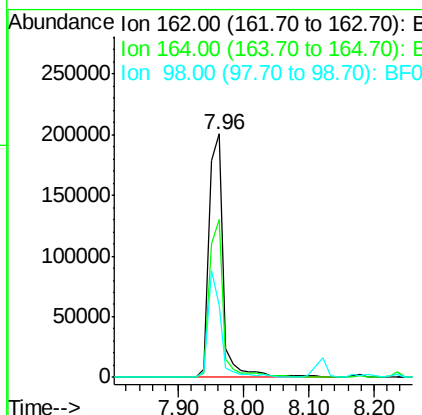
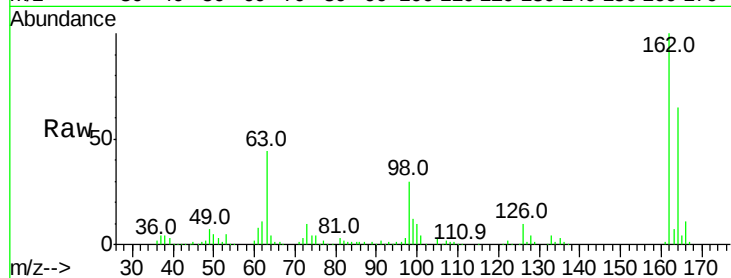




#29
 2,4-Dichlorophenol
 Concen: 35.45 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

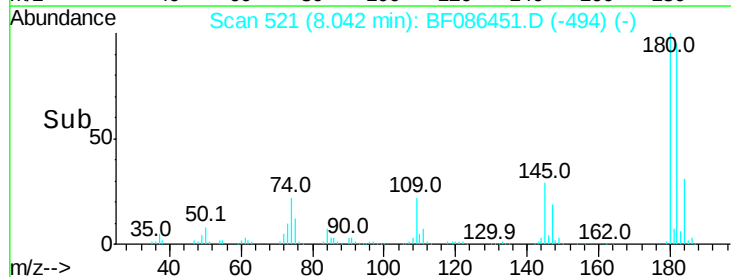
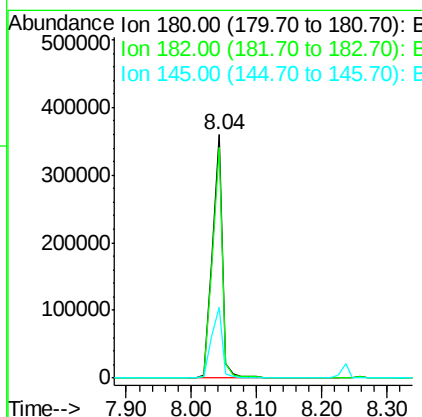
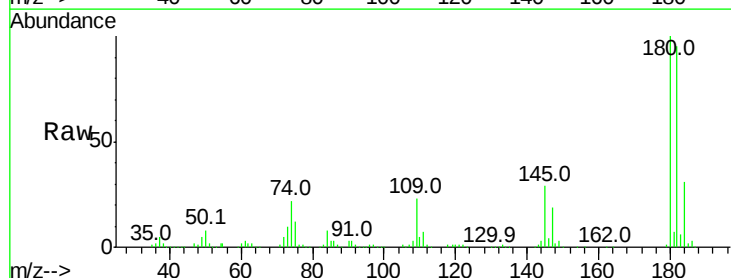
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

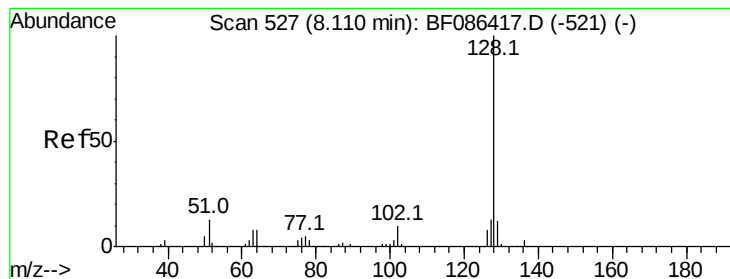
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.2	82.2
98	29.8	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.06 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.0	117.0
145	29.0	24.2	36.2





#31

Naphthalene

Concen: 37.24 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

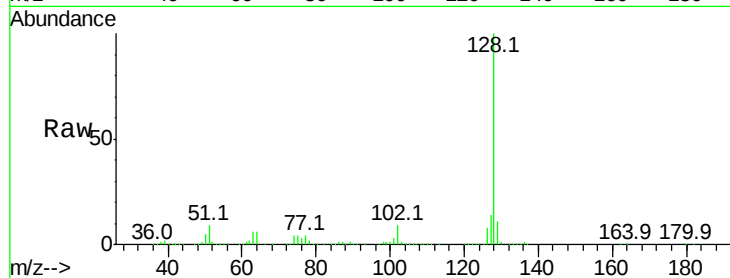
Tot Ion:128 Resp: 1266984

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

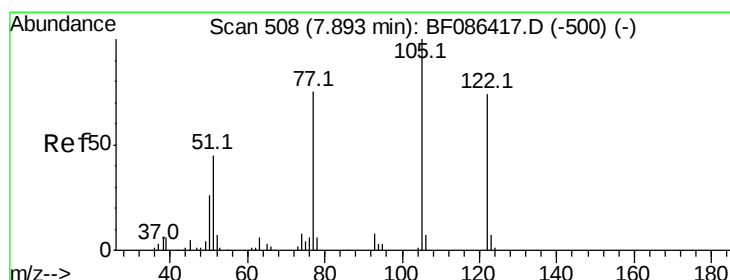
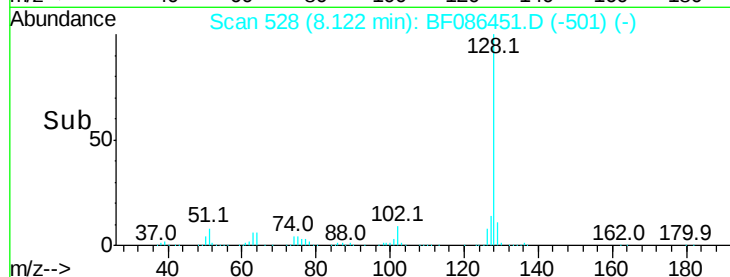
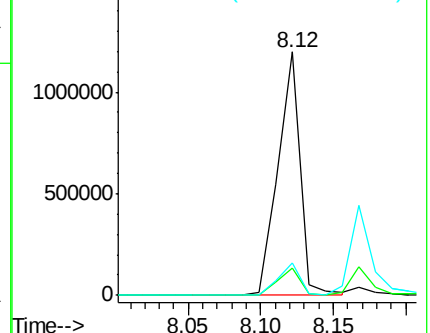
127 13.6 10.8 16.2



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: 25.25 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

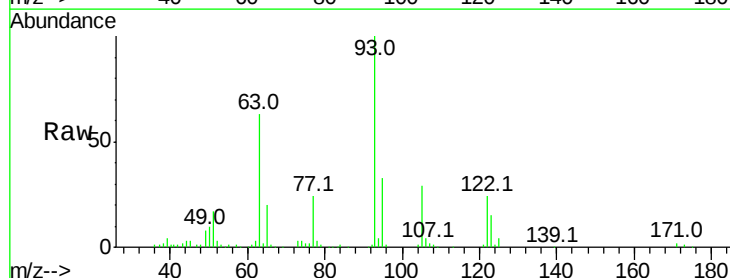
Tgt Ion:122 Resp: 125801

Ion Ratio Lower Upper

122 100

105 122.5 92.6 132.6

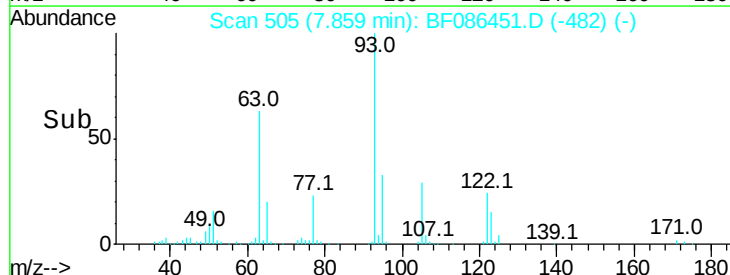
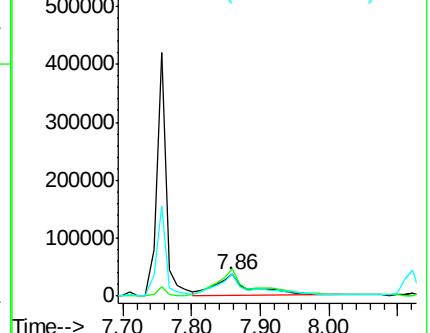
77 101.2 60.0 100.0#

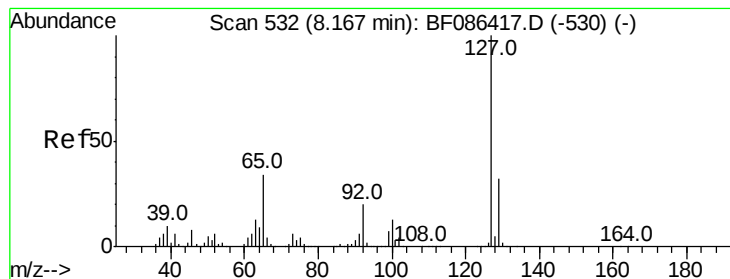


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.33 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 488338

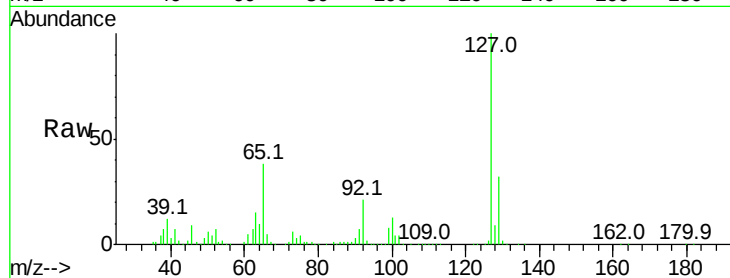
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.4

65 37.9 23.0 34.4#

92 21.2 15.1 22.7

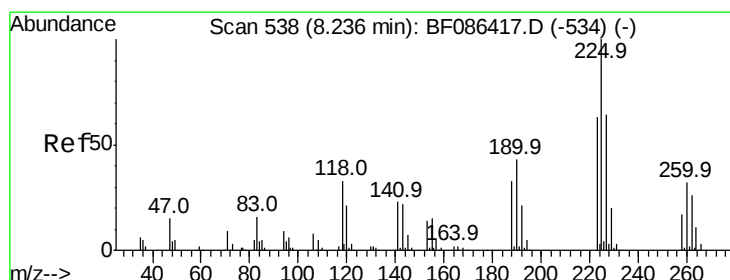
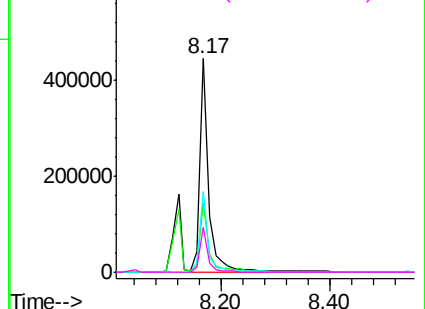
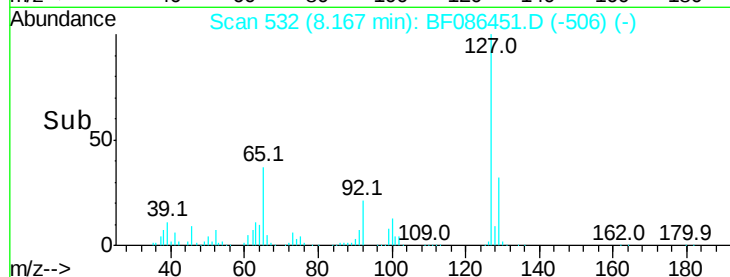


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.43 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

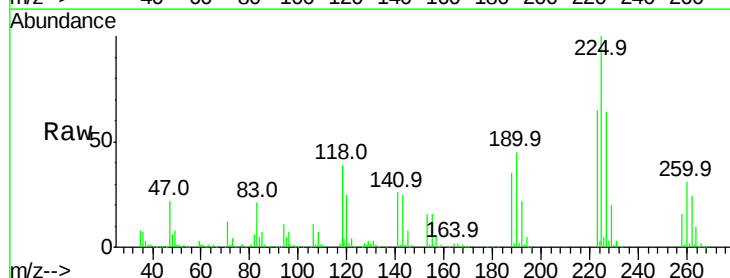
Tgt Ion:225 Resp: 217364

Ion Ratio Lower Upper

225 100

223 64.8 51.5 77.3

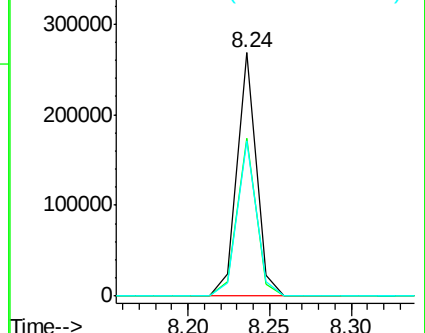
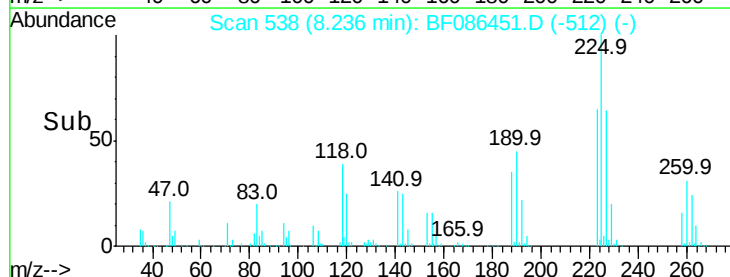
227 63.7 52.2 78.2

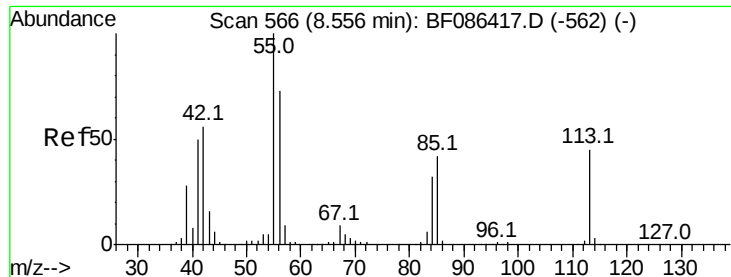


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

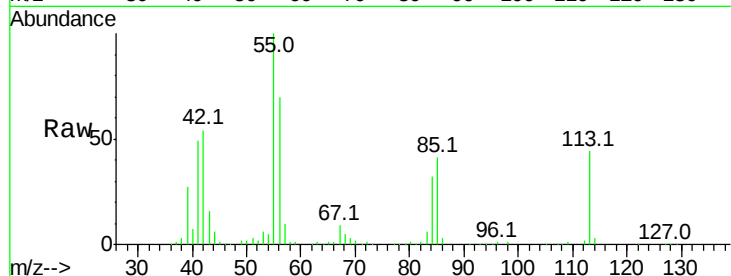




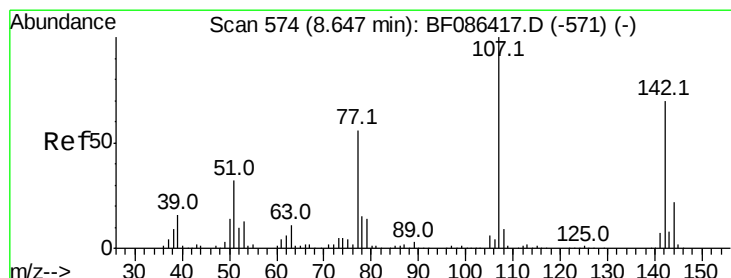
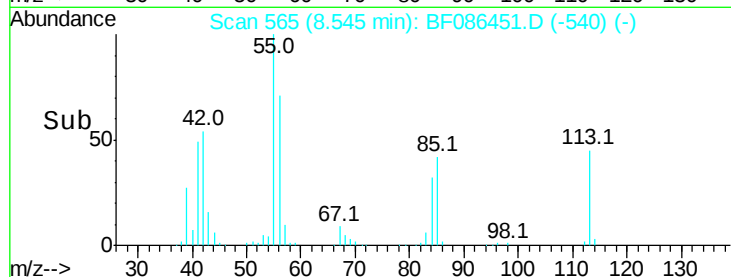
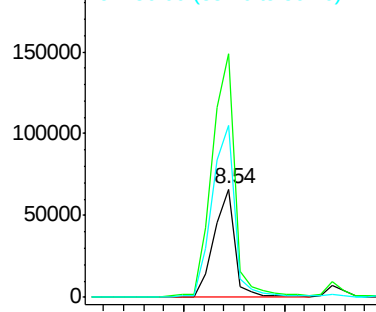
#35
 Caprolactam
 Concen: 33.23 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 96418
 Ion Ratio Lower Upper
 113 100
 55 225.3 162.0 202.0#
 56 158.9 115.3 155.3#

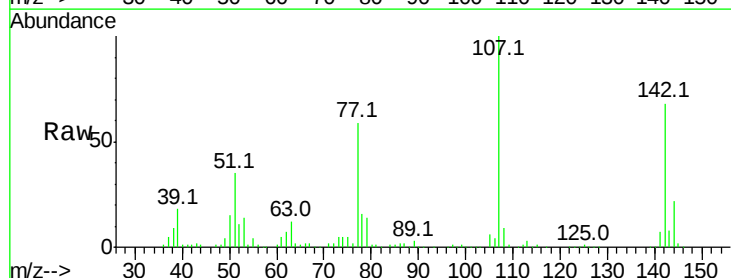


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

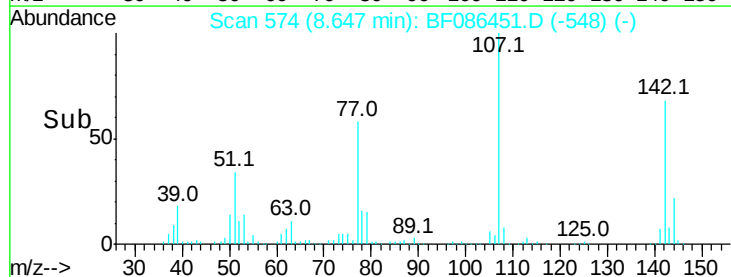
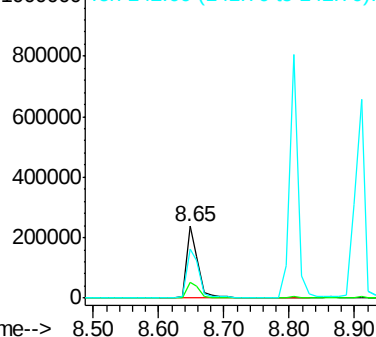


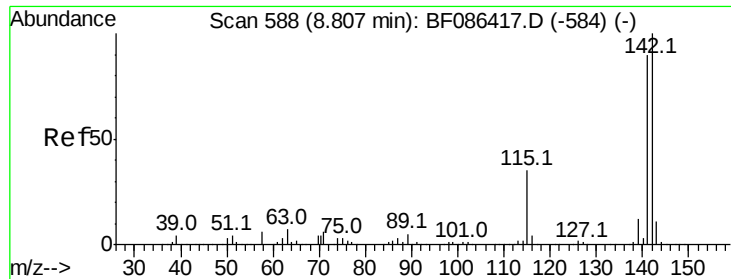
#36
 4-Chloro-3-methylphenol
 Concen: 30.42 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:107 Resp: 302903
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.7 31.1
 142 68.2 63.2 94.8



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

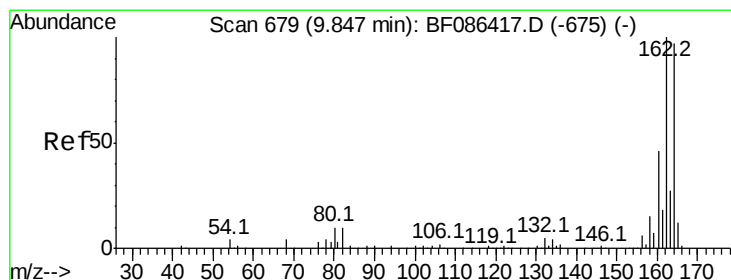
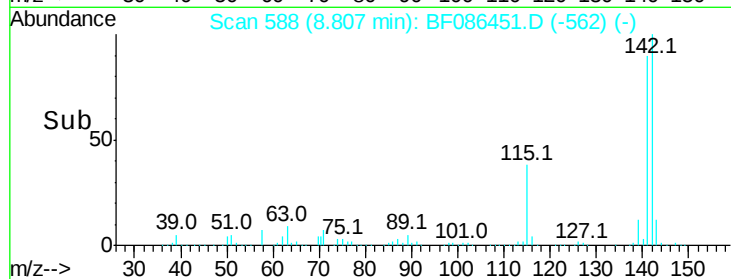
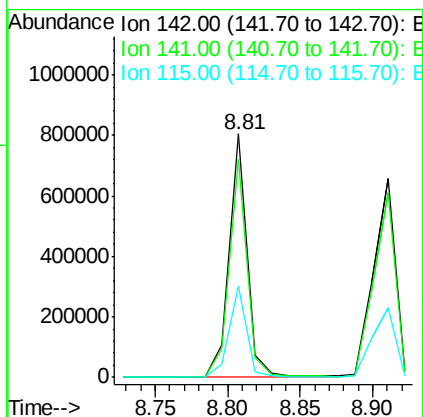
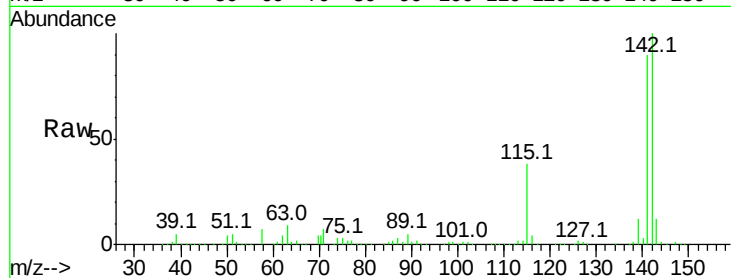




#37
2-Methylnaphthalene
Concen: 34.62 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

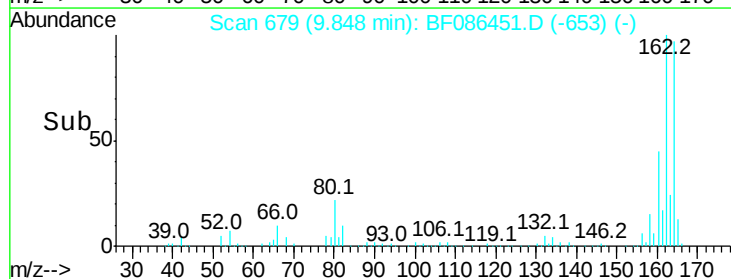
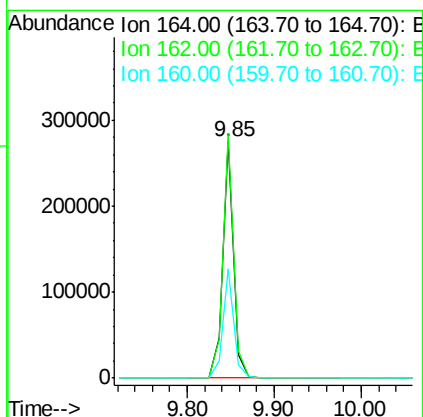
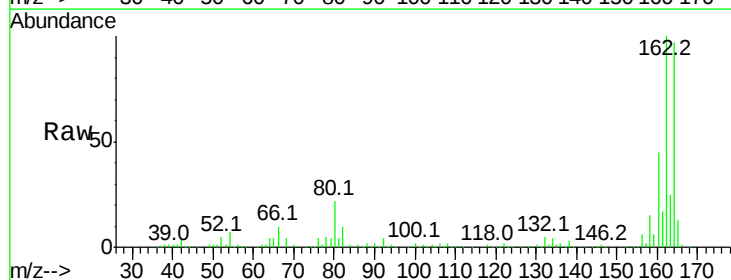
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

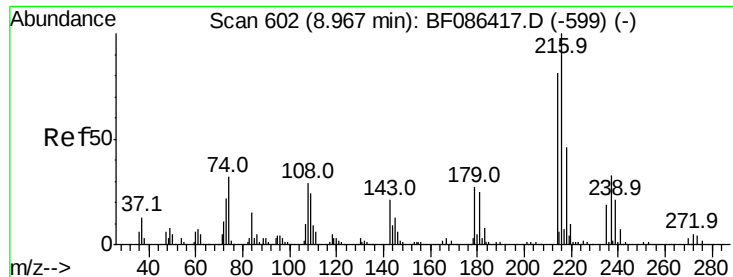
Tot Ion:142 Resp: 694982
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 37.6 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion:164 Resp: 244034
Ion Ratio Lower Upper
164 100
162 102.8 82.8 124.2
160 46.2 36.9 55.3

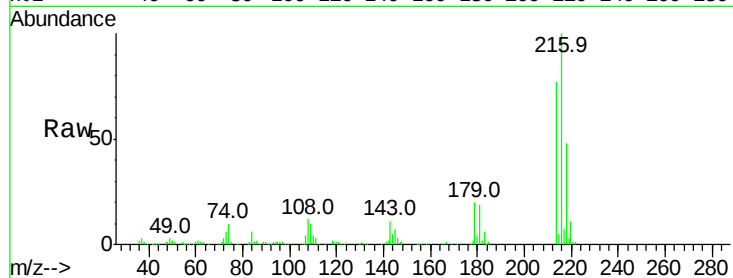




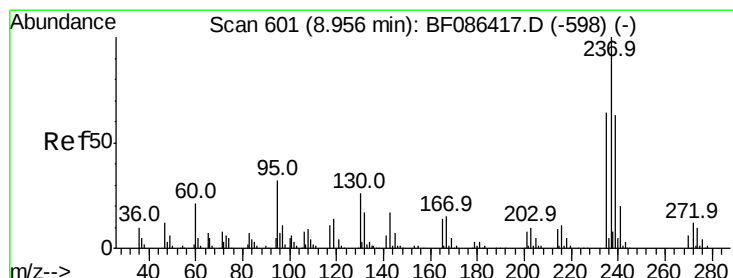
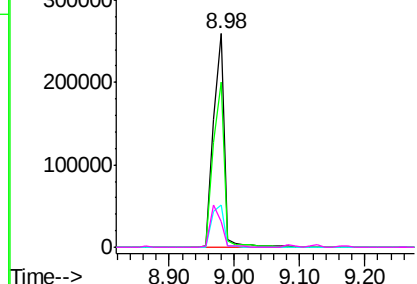
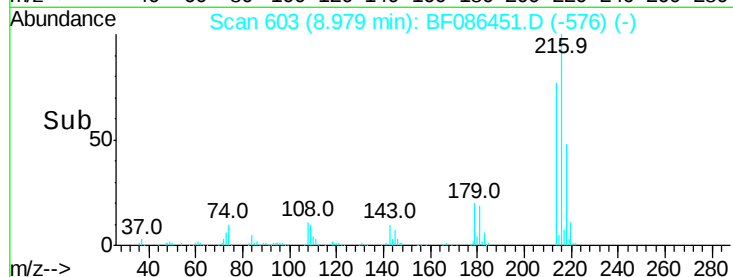
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.91 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	306752
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.6	93.8
179	22.5	18.2	27.4
108	20.2	17.5	26.3

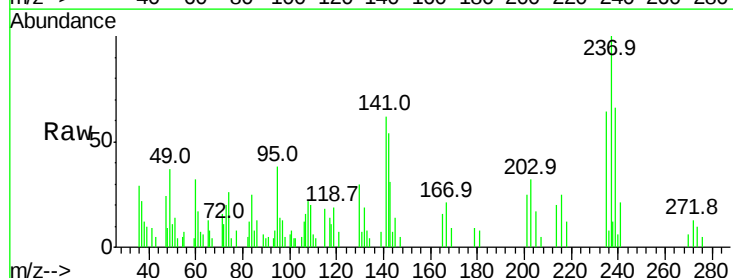


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

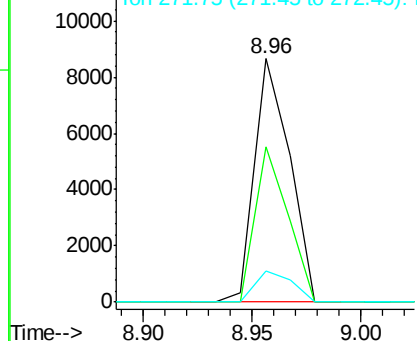
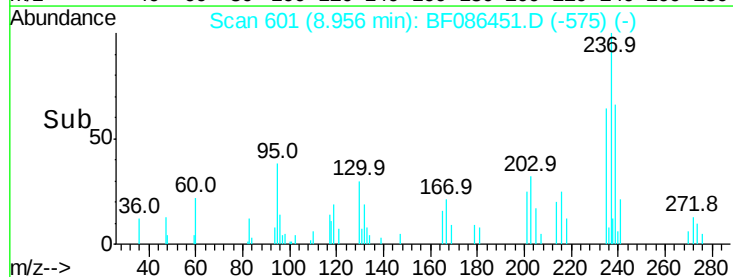


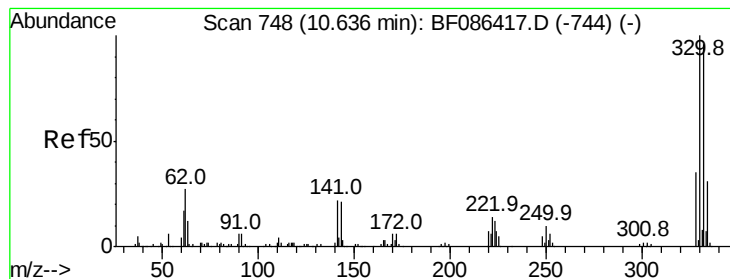
#40
 Hexachlorocyclopentadiene
 Concen: 2.81 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:	237	Resp:	9738
Ion	Ratio	Lower	Upper
237	100		
235	63.5	47.2	87.2
272	12.7	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: 67.11 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

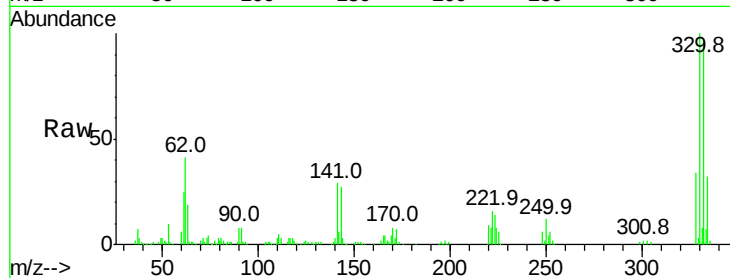
Tot Ion:330 Resp: 172708

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

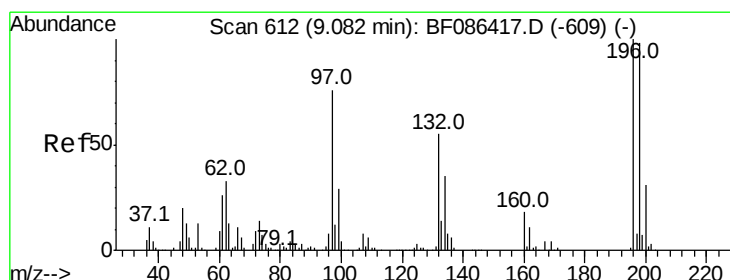
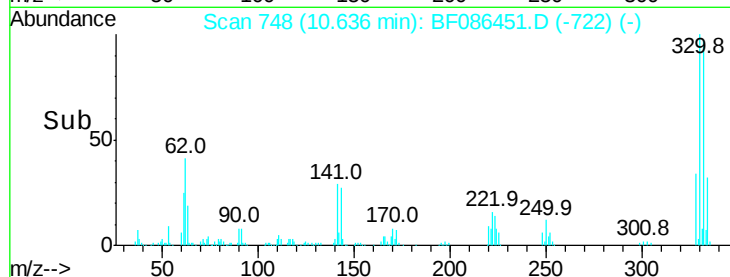
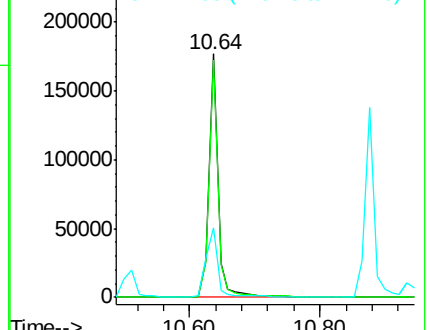
141 35.4 31.2 46.8



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: 36.48 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

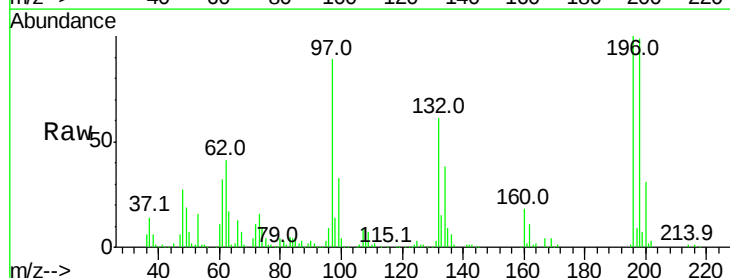
Tgt Ion:196 Resp: 161066

Ion Ratio Lower Upper

196 100

198 99.0 74.7 112.1

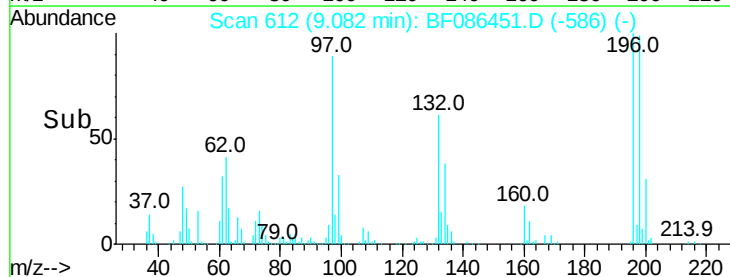
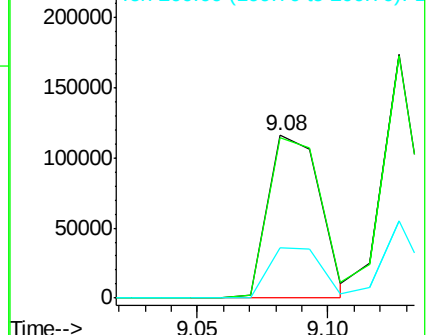
200 30.7 23.8 35.6

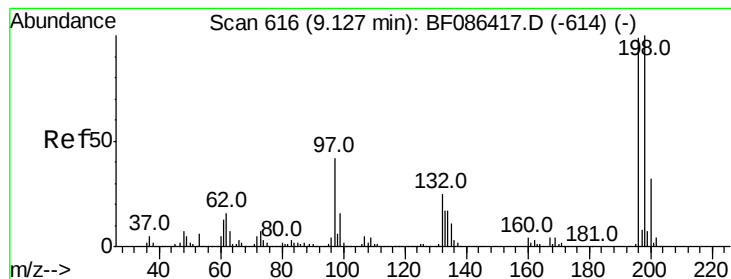


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

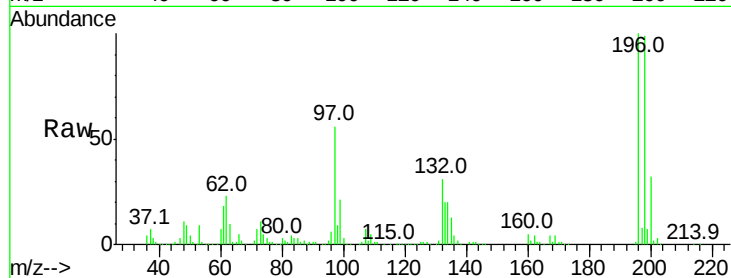




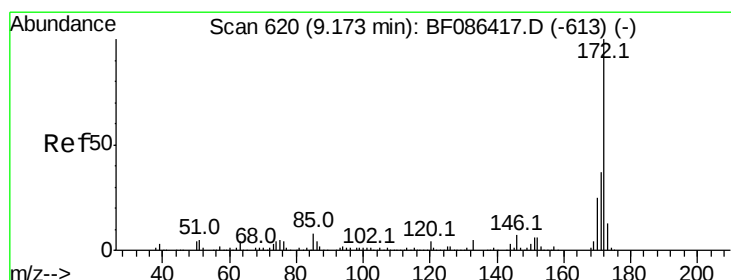
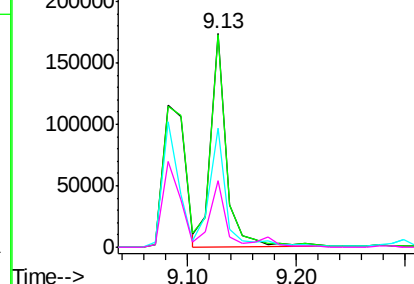
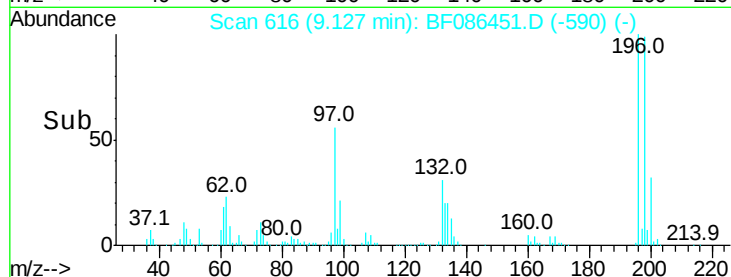
#43
 2,4,5-Trichlorophenol
 Concen: 36.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 174756
 Ion Ratio Lower Upper
 196 100
 198 99.4 77.5 116.3
 97 55.6 34.8 52.2#
 132 31.3 23.0 34.4

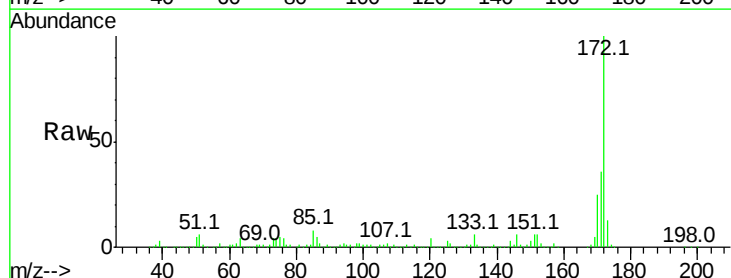


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

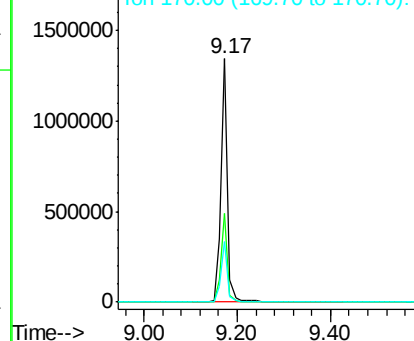
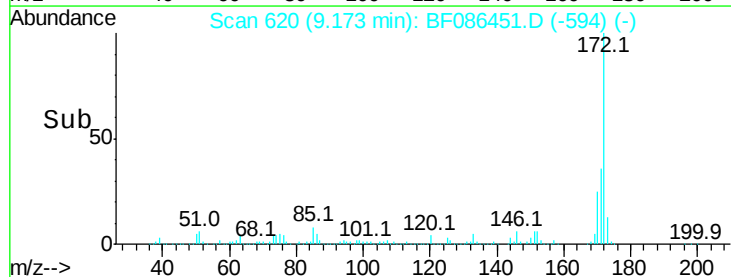


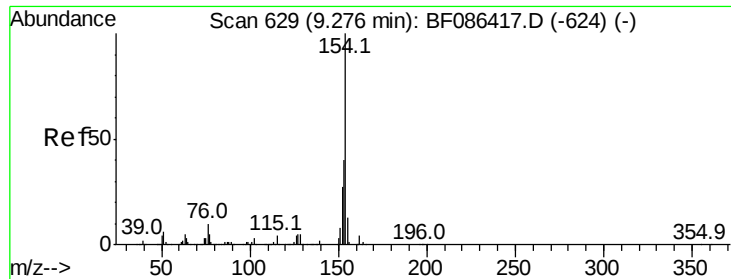
#44
 2-Fluorobiphenyl
 Concen: 95.90 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:172 Resp: 1301715
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.9 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

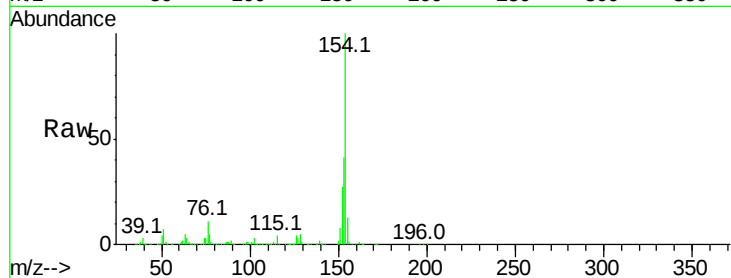




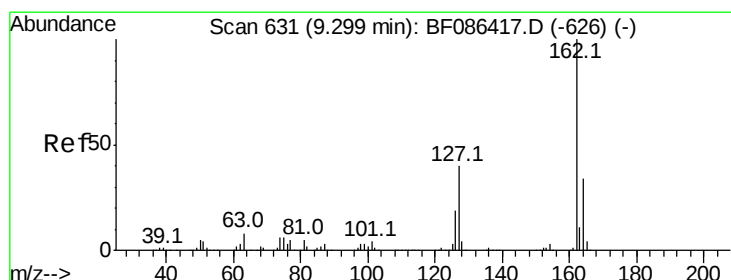
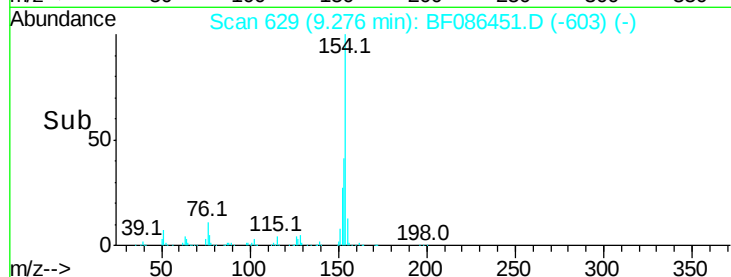
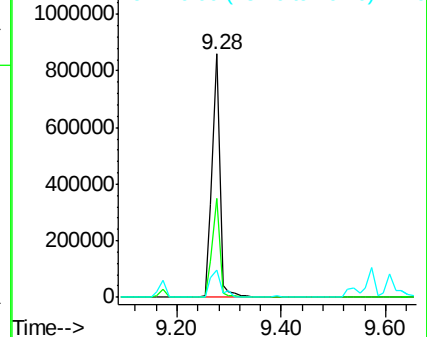
#45
1,1'-Biphenyl
Concen: 43.99 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	11.2	0.0	30.2

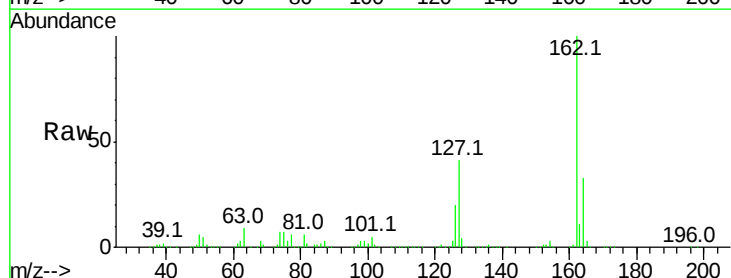


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

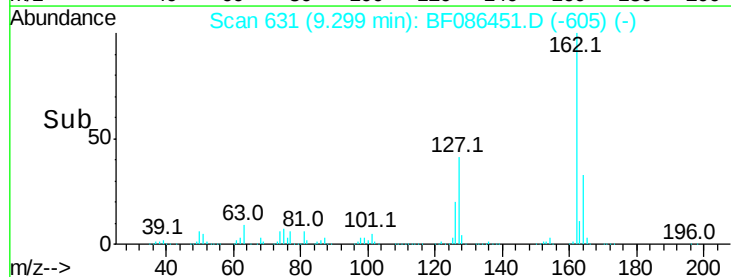
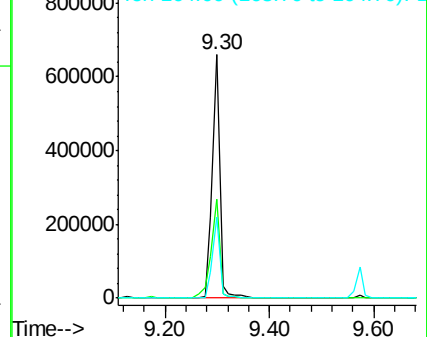


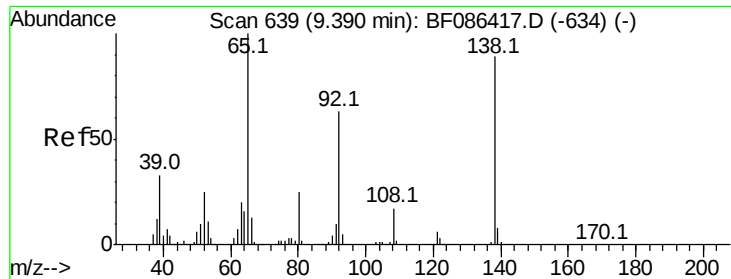
#46
2-Chloronaphthalene
Concen: 42.86 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.8	47.6
164	33.2	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: 43.80 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

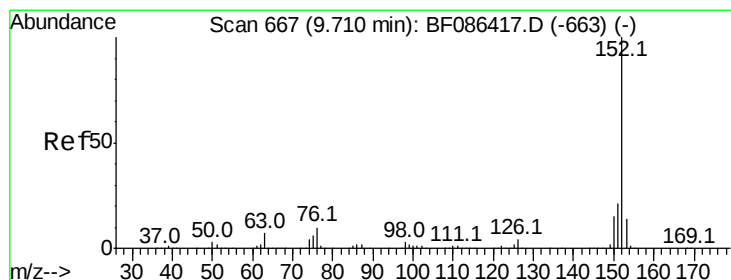
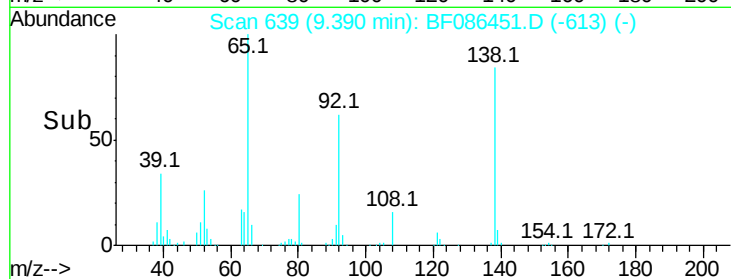
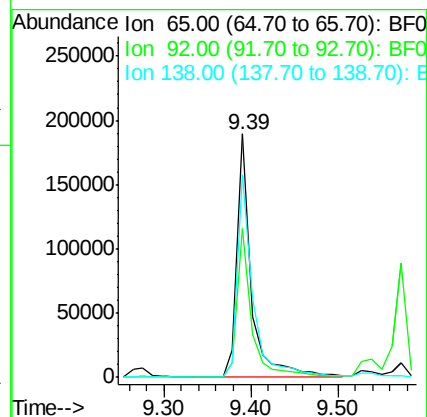
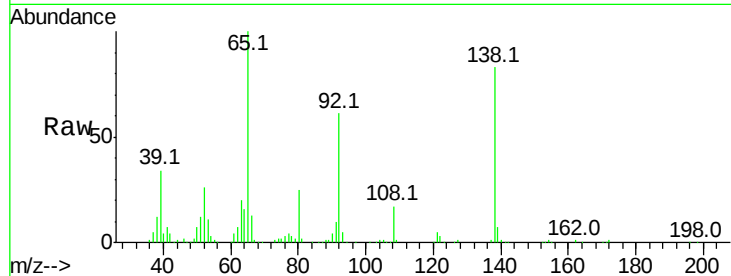
Tot Ion: 65 Resp: 217828

Ion Ratio Lower Upper

65 100

92 61.4 57.4 86.2

138 83.4 90.1 135.1#



#48

Acenaphthylene

Concen: 39.17 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

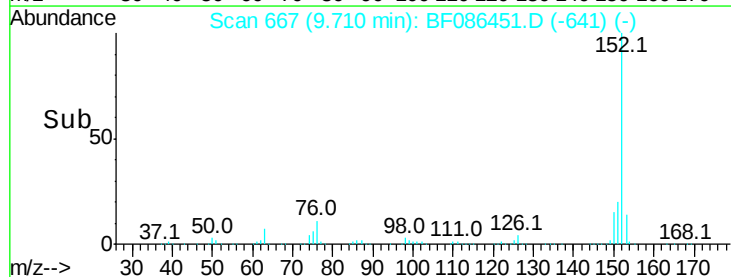
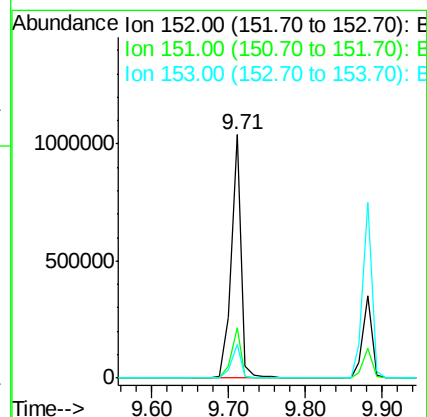
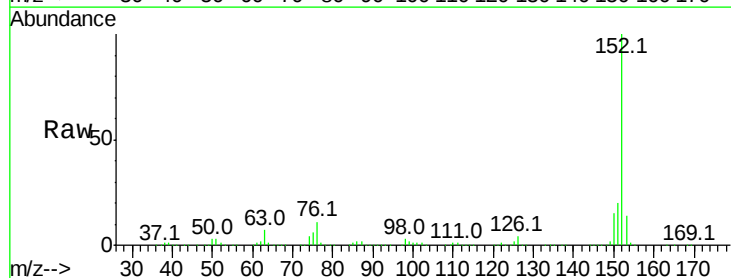
Tgt Ion: 152 Resp: 949471

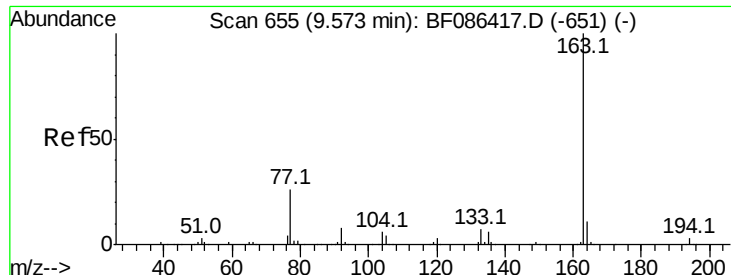
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 14.1 10.9 16.3

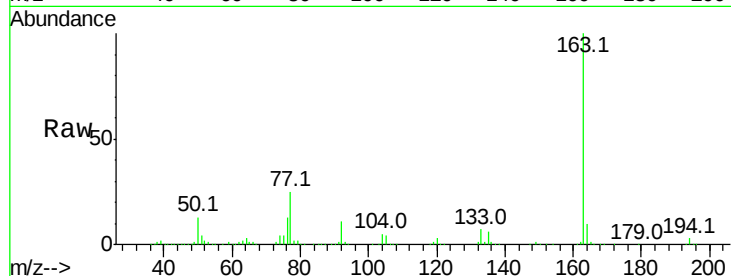




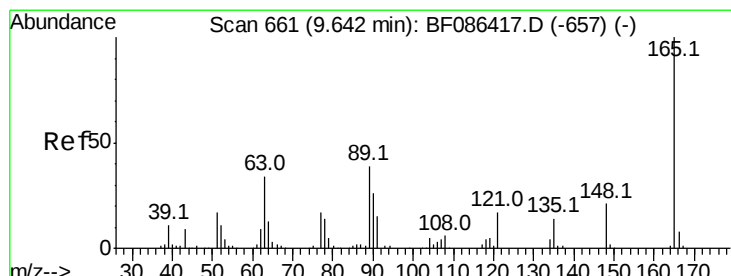
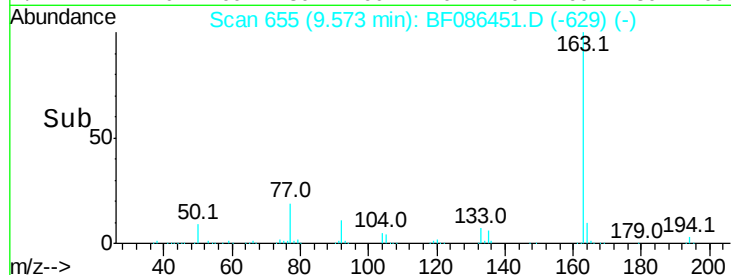
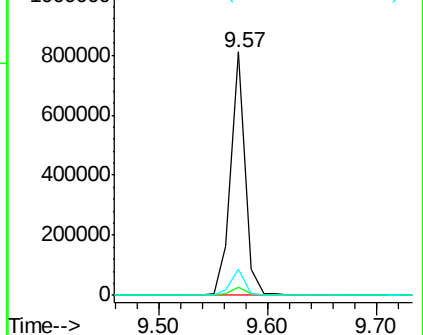
#49
Dimethylphthalate
Concen: 40.39 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 742108
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4

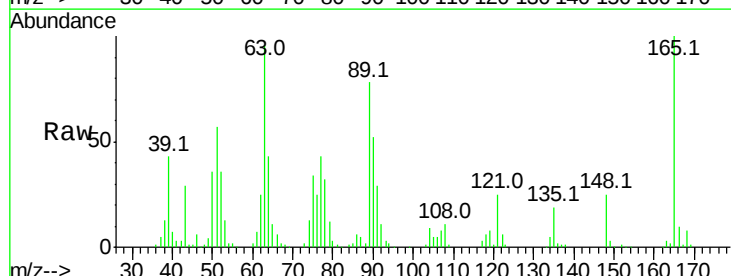


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

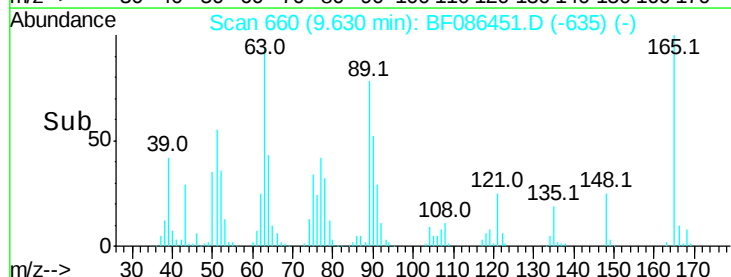
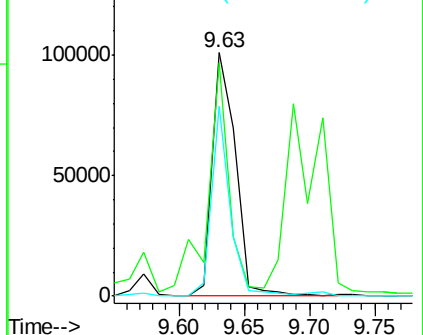


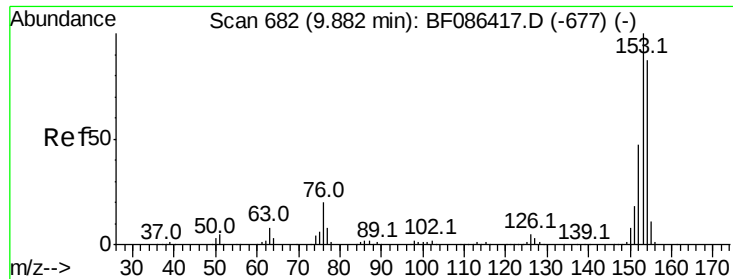
#50
2,6-Dinitrotoluene
Concen: 33.51 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion:165 Resp: 127167
Ion Ratio Lower Upper
165 100
63 95.8 51.8 77.8#
89 77.8 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: 37.12 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

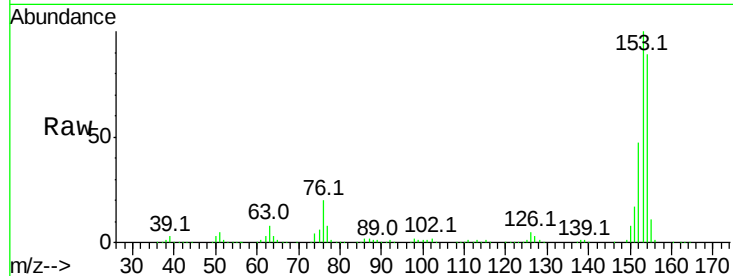
Tot Ion:154 Resp: 577967

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

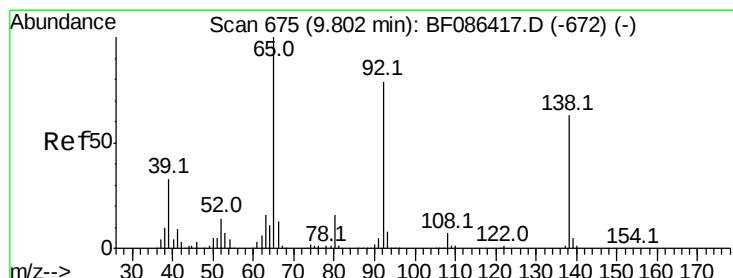
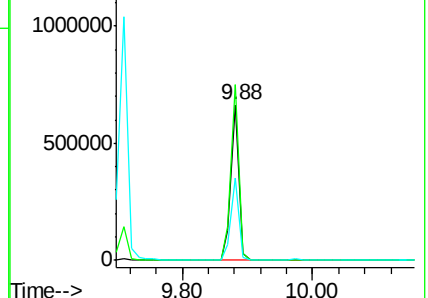
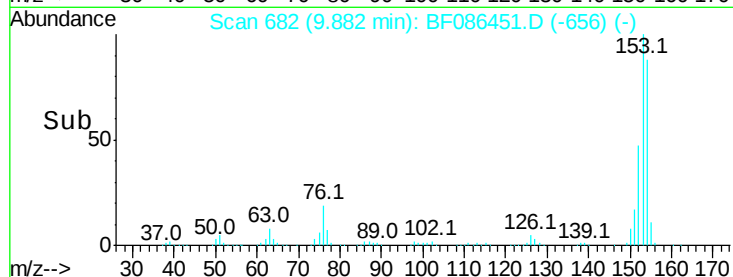
152 52.8 43.4 65.0



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: 40.31 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

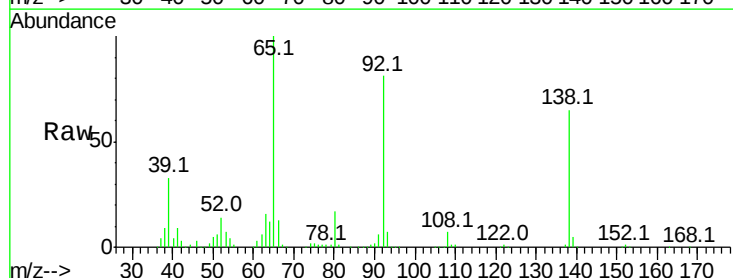
Tgt Ion:138 Resp: 173987

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.6

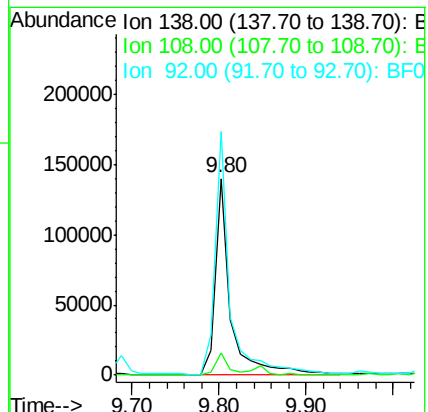
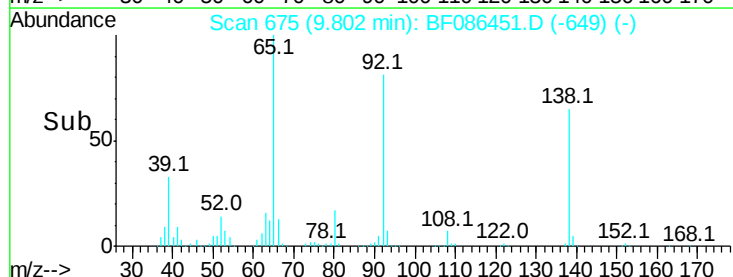
92 123.8 87.8 131.8

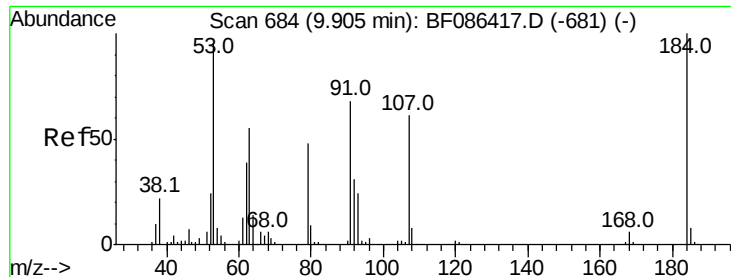


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

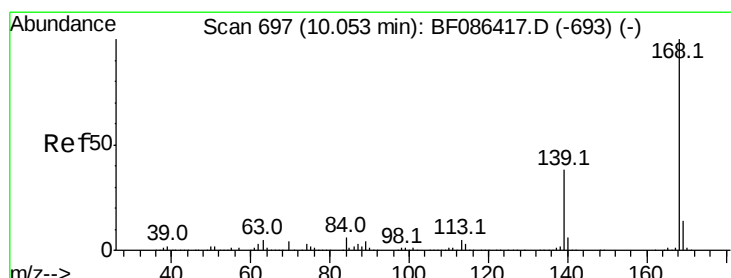
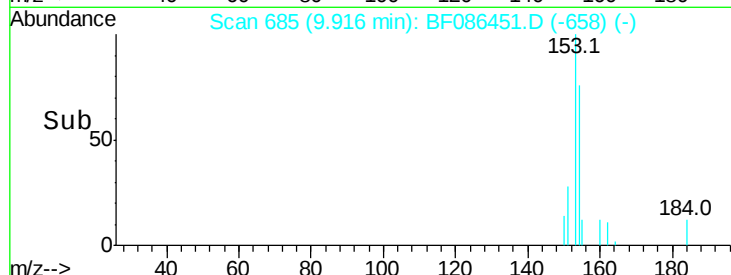
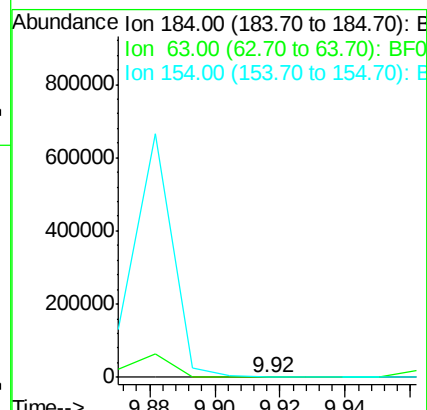
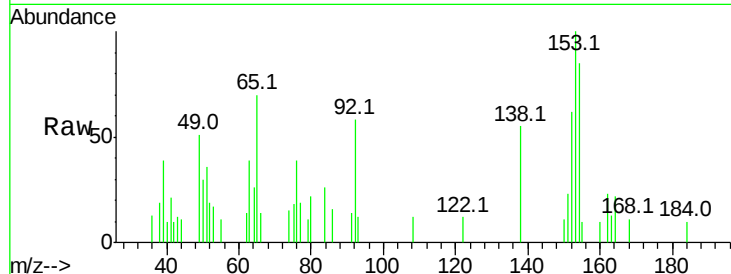




#53
 2,4-Dinitrophenol
 Concen: 7.93 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

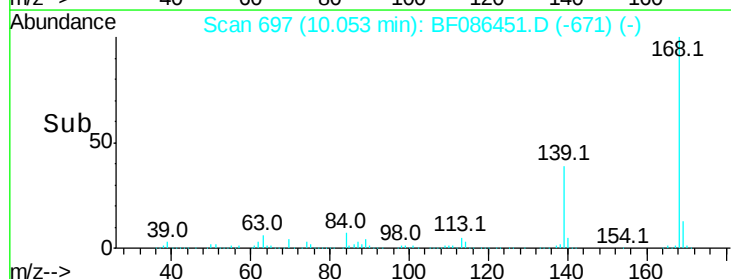
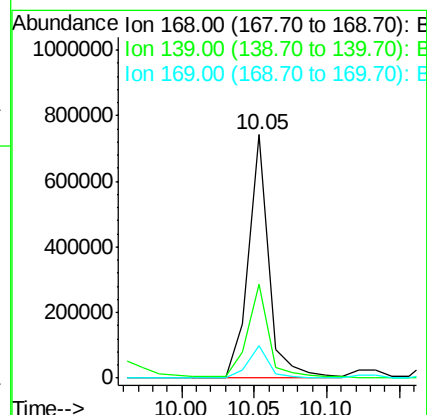
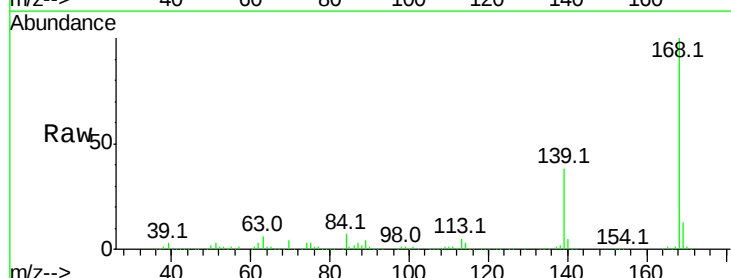
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

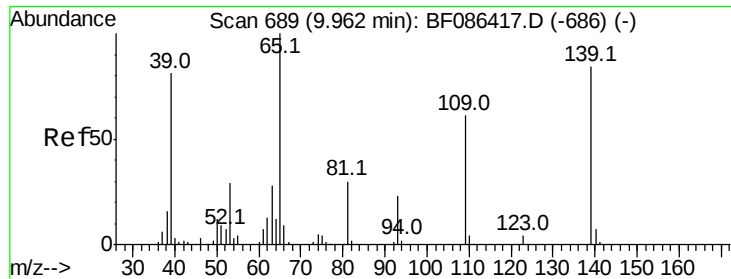
Tot Ion:184 Resp: 220
 Ion Ratio Lower Upper
 184 100
 63 382.9 55.8 83.8#
 154 834.9 62.4 93.6#



#54
 Dibenzofuran
 Concen: 37.51 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:168 Resp: 730015
 Ion Ratio Lower Upper
 168 100
 139 38.5 31.4 47.0
 169 13.4 10.7 16.1

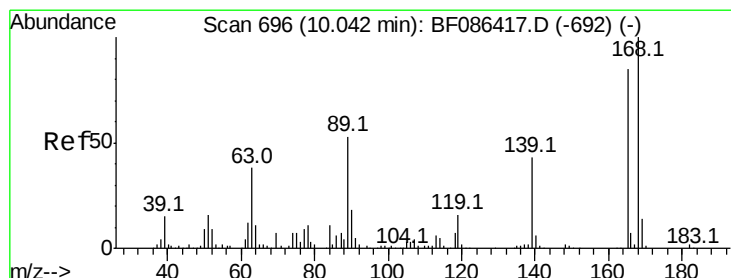
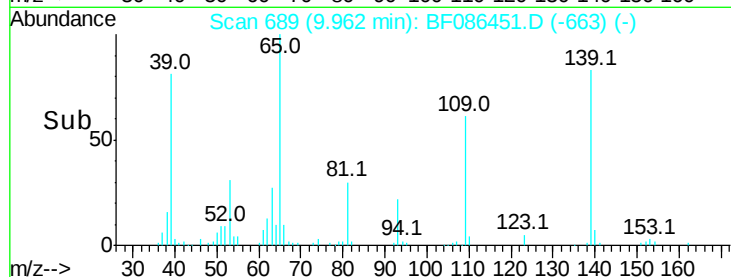
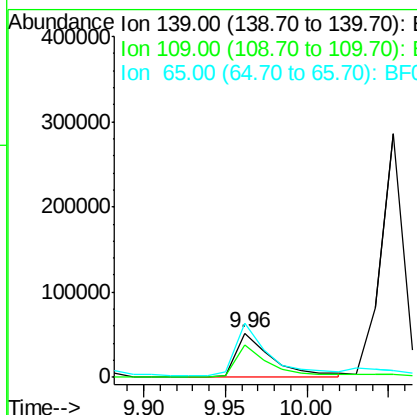
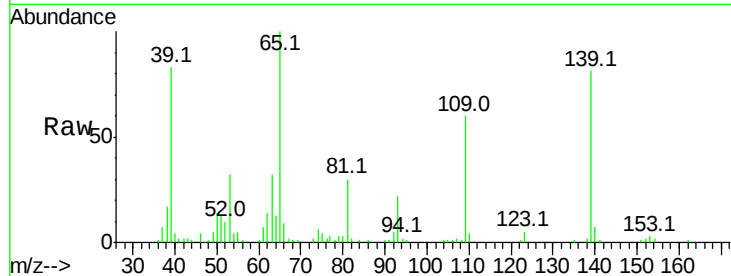




#55
 4-Nitrophenol
 Concen: 28.39 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

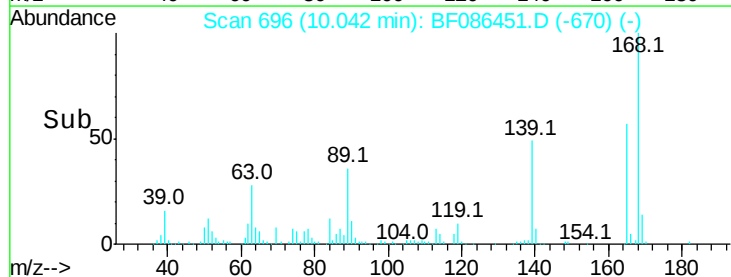
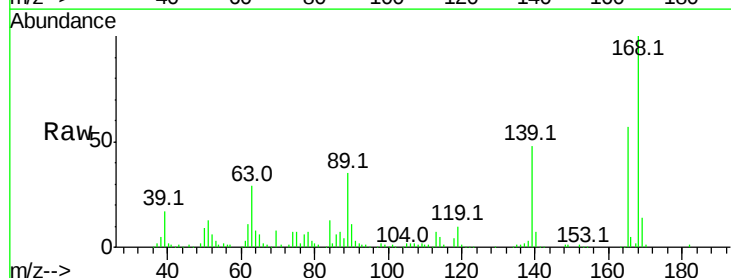
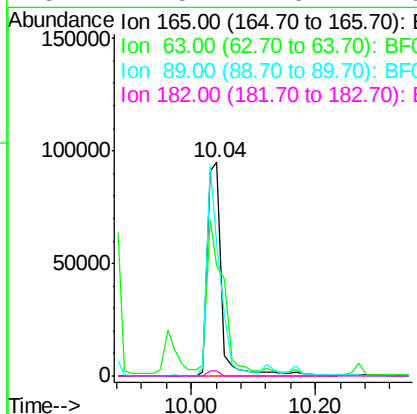
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

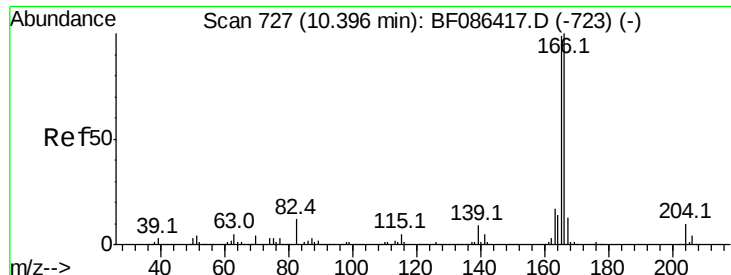
Tot Ion:139 Resp: 80245
 Ion Ratio Lower Upper
 139 100
 109 73.4 36.9 76.9
 65 122.8 64.0 104.0#



#56
 2,4-Dinitrotoluene
 Concen: 31.38 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:165 Resp: 151806
 Ion Ratio Lower Upper
 165 100
 63 51.7 44.3 66.5
 89 62.4 70.0 105.0#
 182 2.5 1.8 2.6

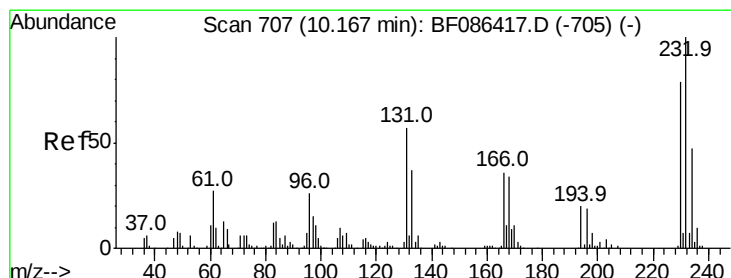
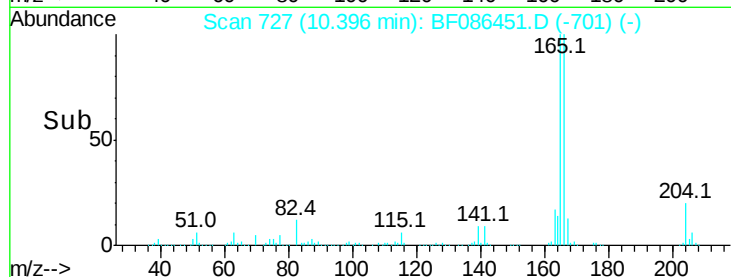
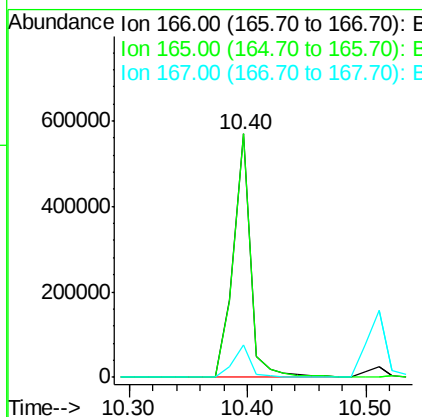
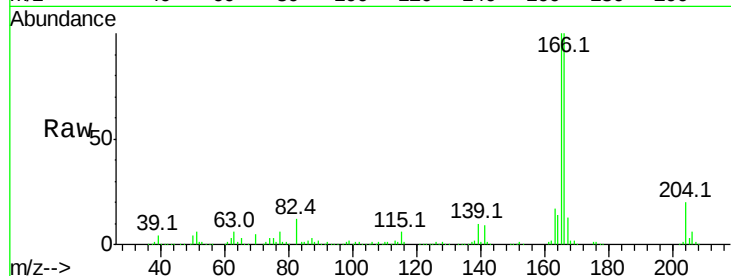




#57
 Fluorene
 Concen: 34.31 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

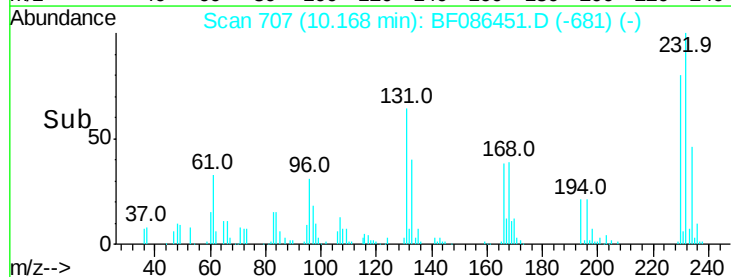
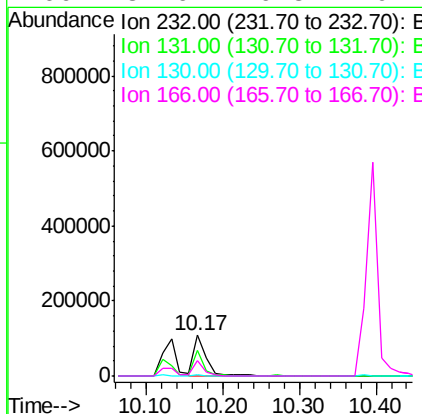
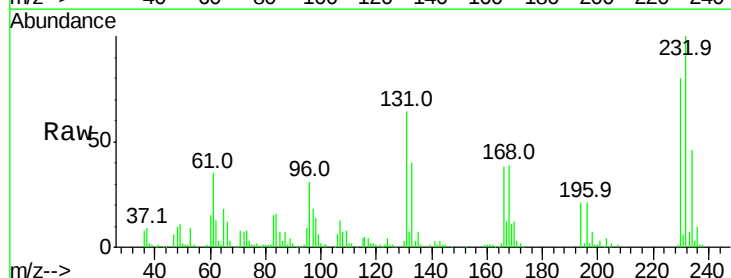
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

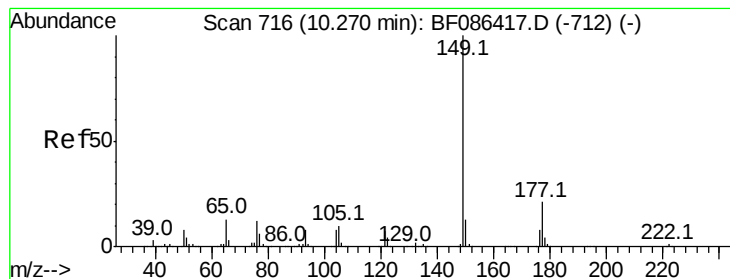
Tot Ion:166 Resp: 579783
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.0 118.6
 167 13.3 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.13 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:232 Resp: 124664
 Ion Ratio Lower Upper
 232 100
 131 54.6 41.9 62.9
 130 2.5 2.2 3.4
 166 31.6 26.8 40.2





#59

Diethylphthalate

Concen: 38.21 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

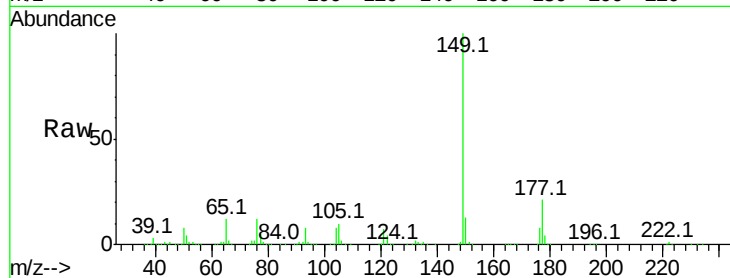
Tot Ion:149 Resp: 664559

Ion Ratio Lower Upper

149 100

177 21.5 16.6 24.8

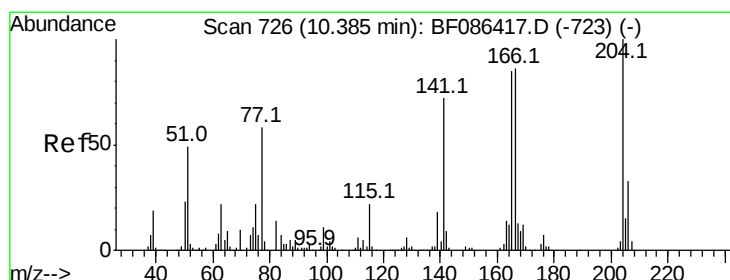
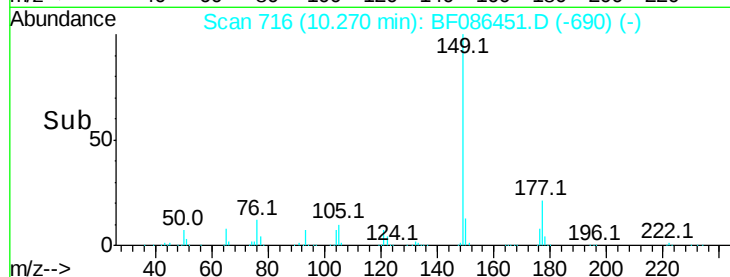
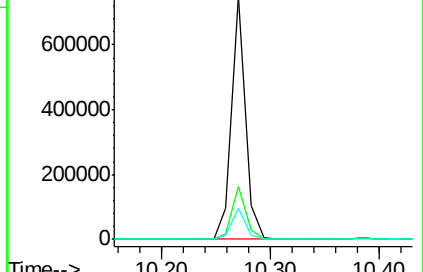
150 13.0 10.0 15.0



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: 34.79 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

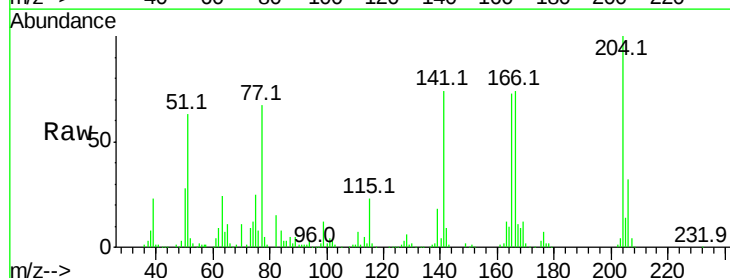
Tgt Ion:204 Resp: 266869

Ion Ratio Lower Upper

204 100

206 32.0 25.4 38.0

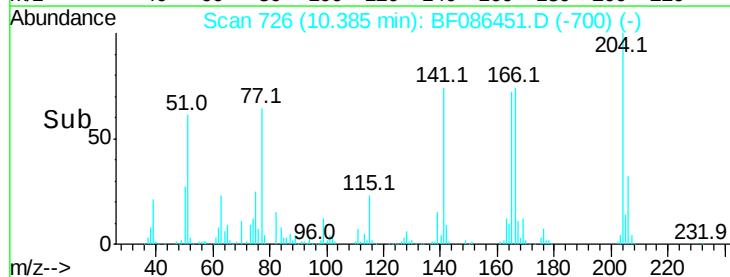
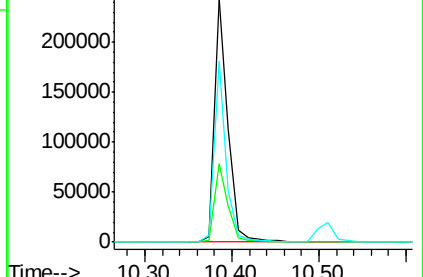
141 74.1 61.6 92.4

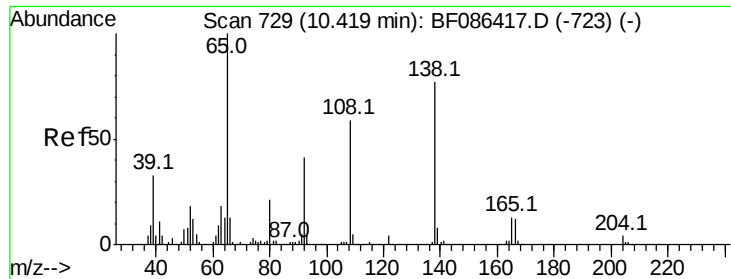


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

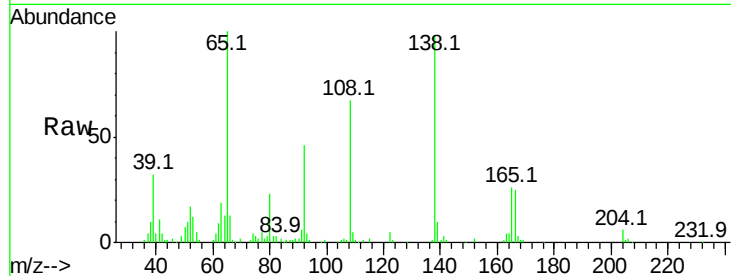




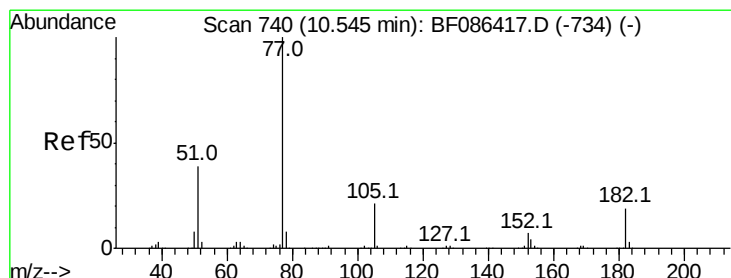
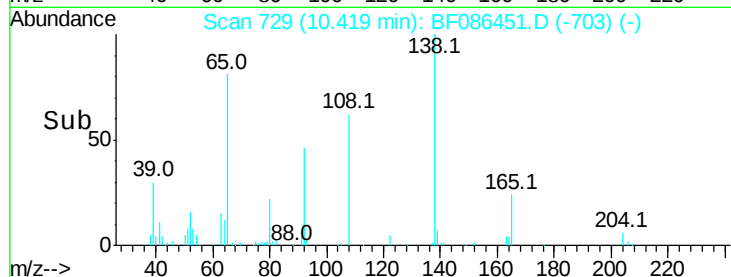
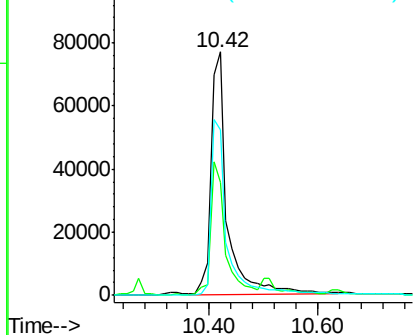
#61
4-Nitroaniline
Concen: 38.45 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 162243
Ion Ratio Lower Upper
138 100
92 46.5 24.7 64.7
108 67.8 37.4 77.4

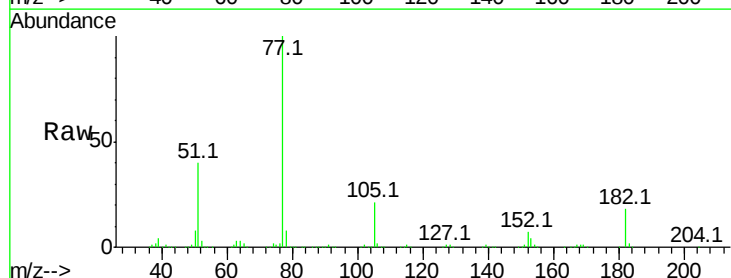


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

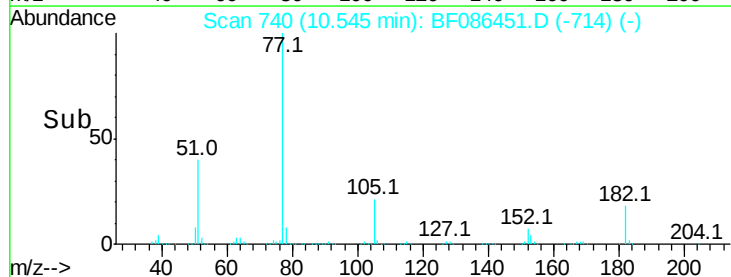
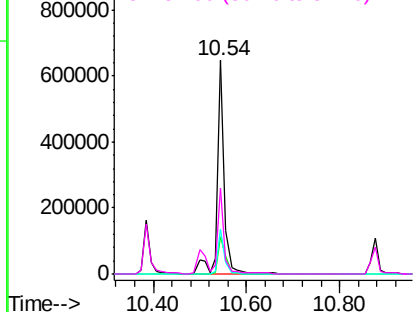


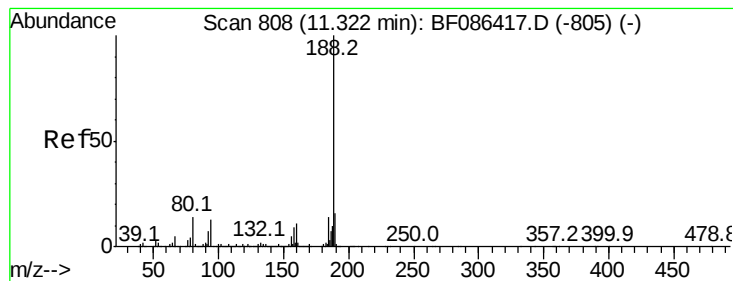
#62
Azobenzene
Concen: 35.03 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion: 77 Resp: 667342
Ion Ratio Lower Upper
77 100
182 17.7 0.0 38.8
105 21.0 3.2 43.2
51 40.3 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: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

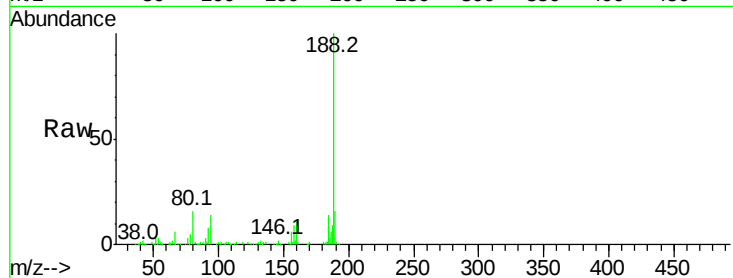
Tot Ion:188 Resp: 377896

Ion Ratio Lower Upper

188 100

94 14.4 6.8 10.2#

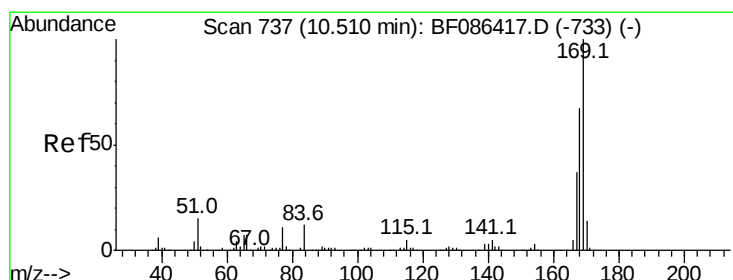
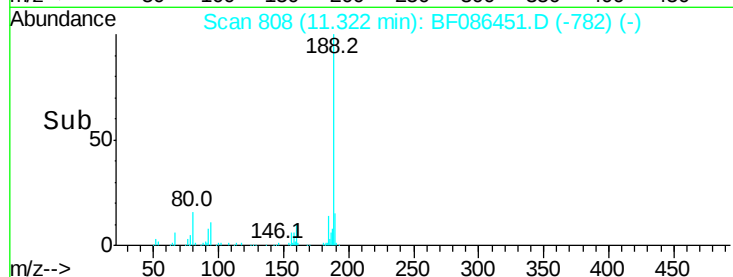
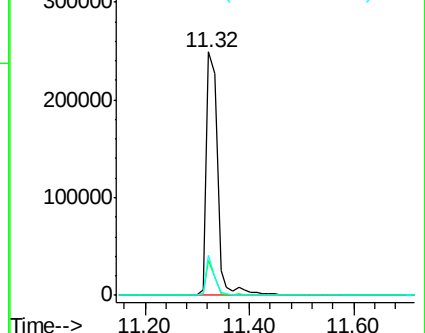
80 16.4 7.1 10.7#



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



#65

n-Nitrosodiphenylamine

Concen: 41.33 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

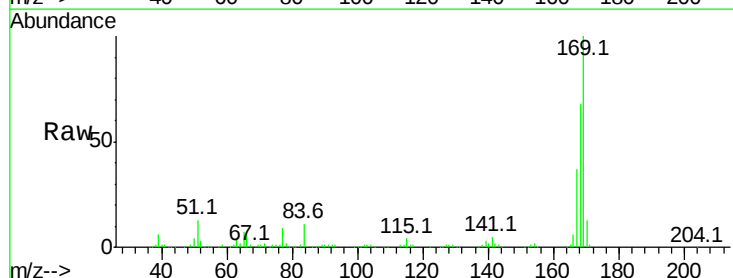
Tgt Ion:169 Resp: 488142

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.6

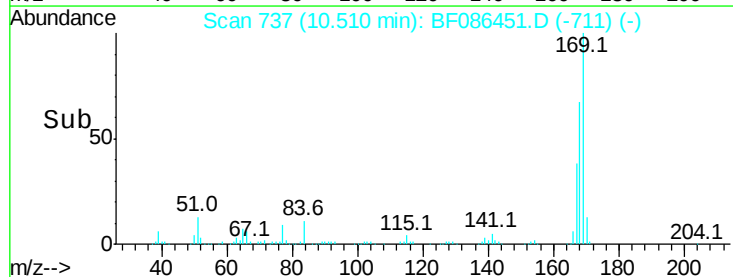
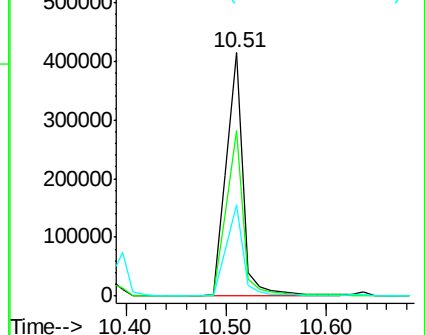
167 37.5 29.5 44.3

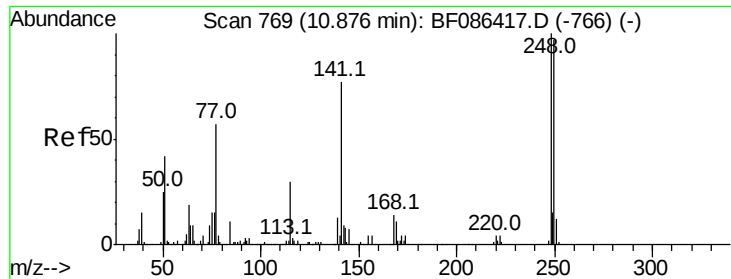


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

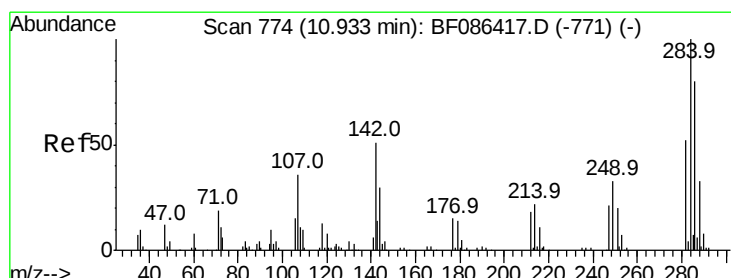
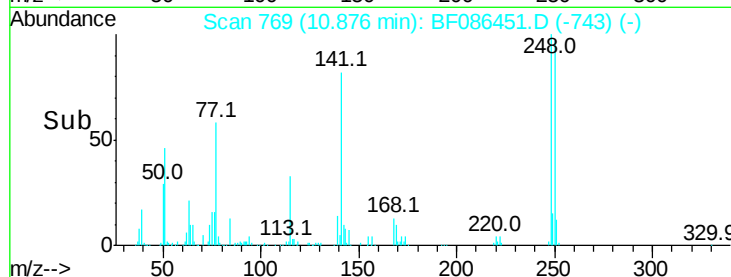
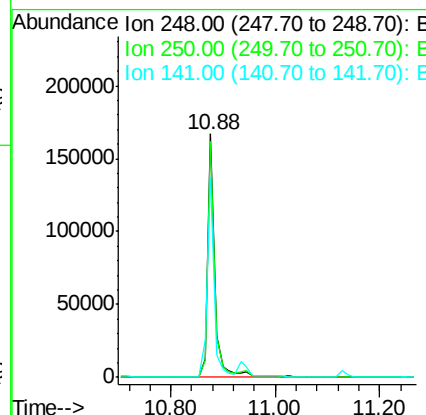
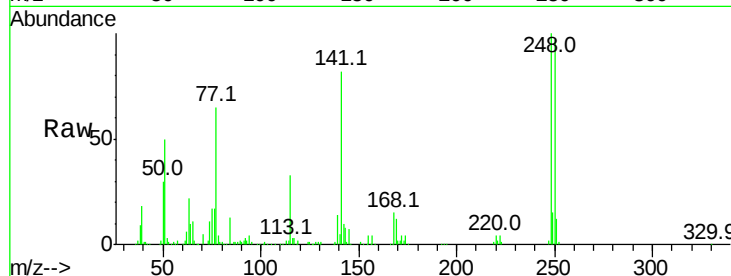




#66
4-Bromophenyl-phenylether
Concen: 41.97 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

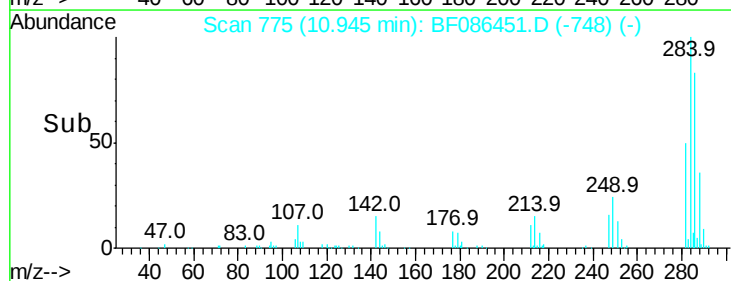
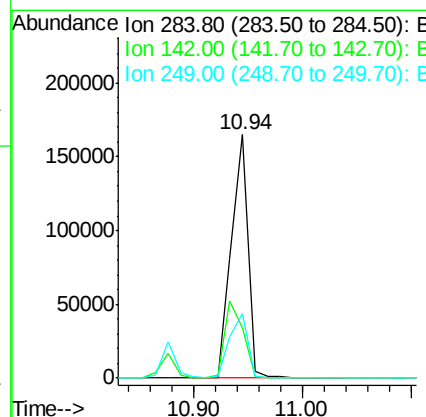
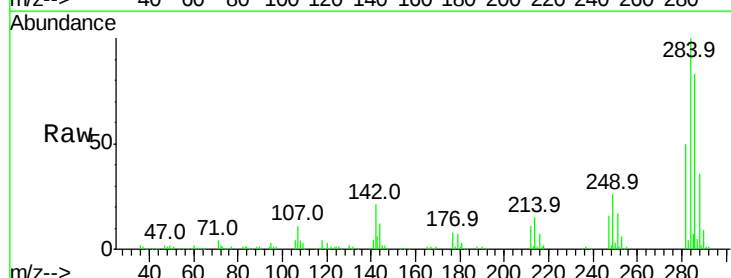
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

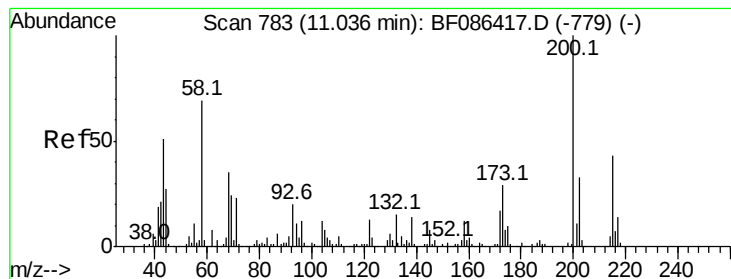
Tot Ion:248 Resp: 163443
Ion Ratio Lower Upper
248 100
250 96.7 78.6 117.8
141 82.3 76.0 114.0



#67
Hexachlorobenzene
Concen: 38.83 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion:284 Resp: 175000
Ion Ratio Lower Upper
284 100
142 20.8 16.7 25.1
249 26.2 21.3 31.9





#68

Atrazine

Concen: 32.93 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

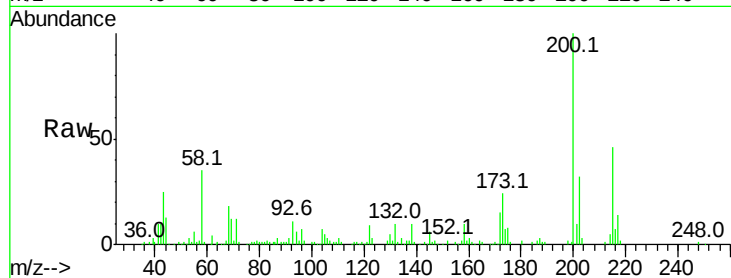
Tot Ion:200 Resp: 116798

Ion Ratio Lower Upper

200 100

173 24.1 8.5 48.5

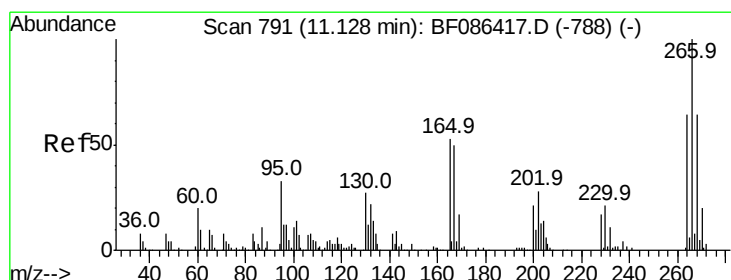
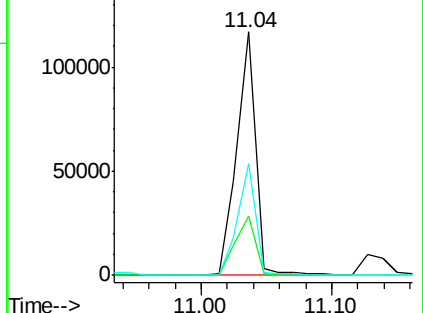
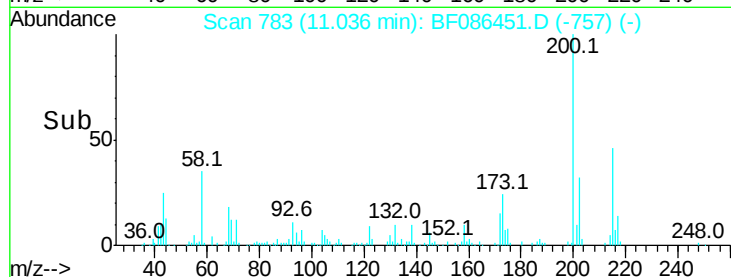
215 45.7 27.2 67.2



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: 32.47 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

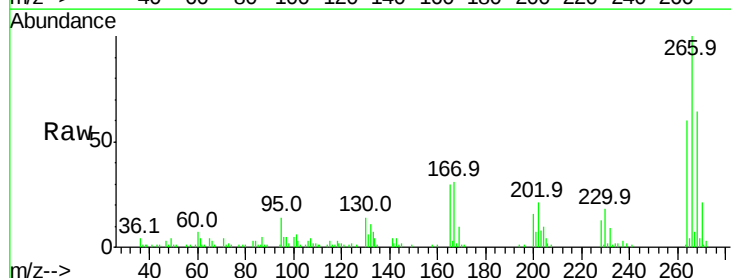
Tgt Ion:266 Resp: 77153

Ion Ratio Lower Upper

266 100

268 64.1 51.5 77.3

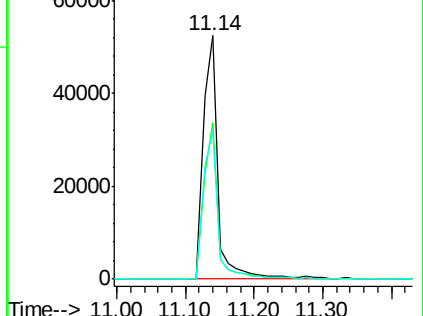
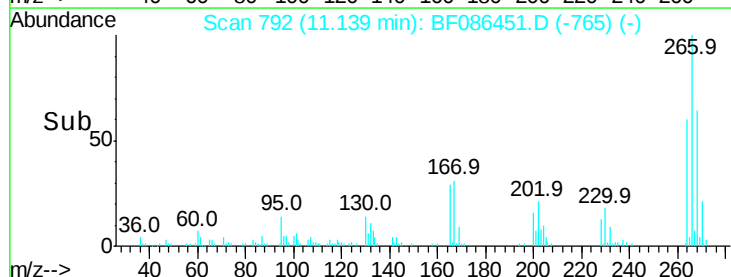
264 60.4 52.9 79.3

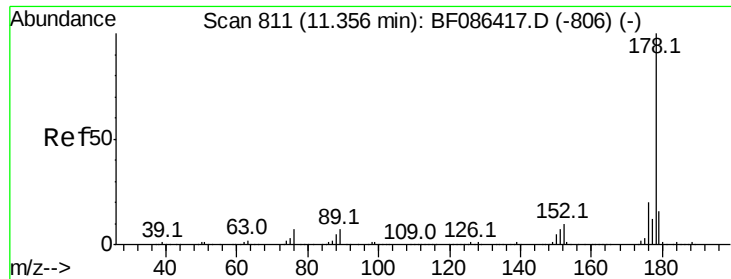


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

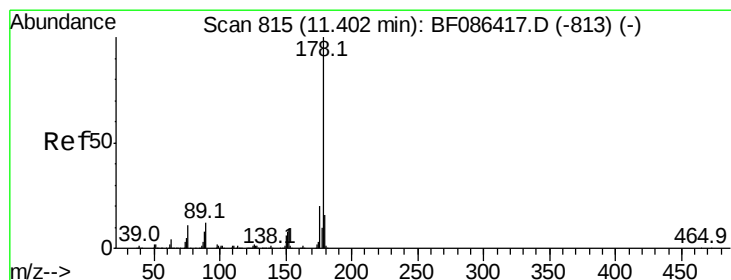
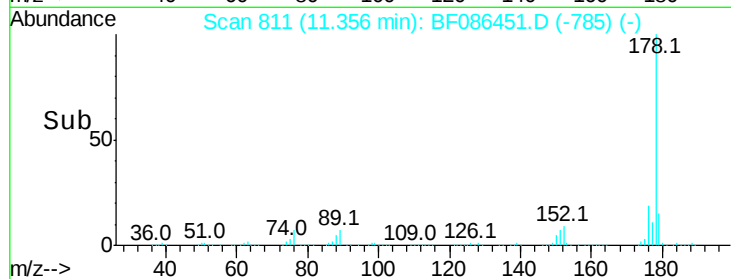
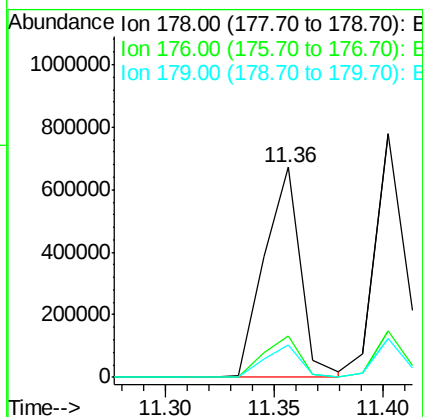
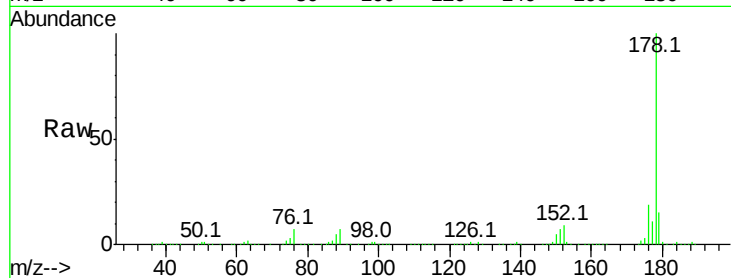




#70
 Phenanthrene
 Concen: 39.17 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

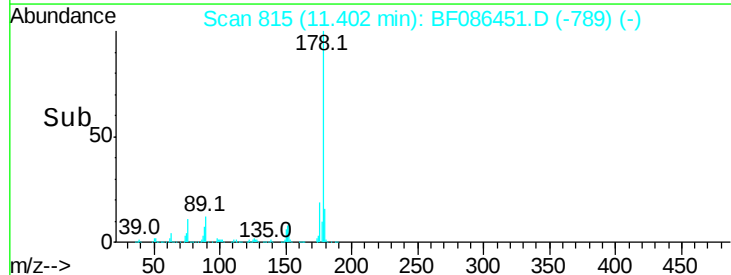
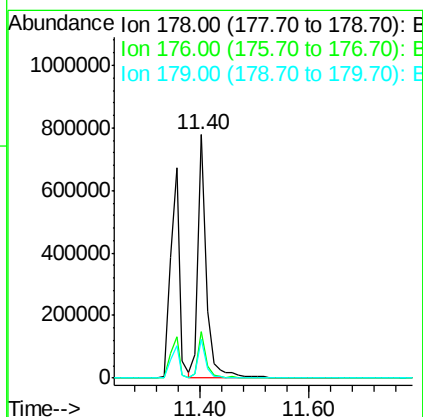
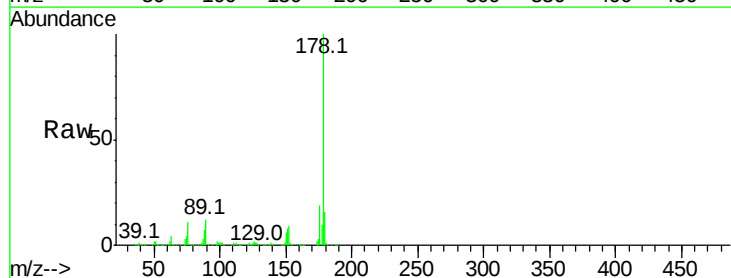
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

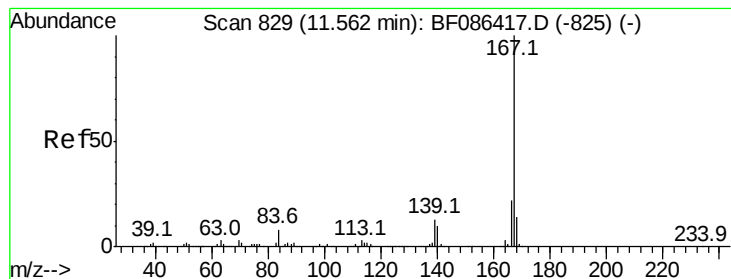
Tot Ion:178 Resp: 776830
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.2 12.6 18.8



#71
 Anthracene
 Concen: 39.40 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF086451.D
 Acq: 28 Apr 2016 4:17

Tgt Ion:178 Resp: 833871
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.7 12.7 19.1





#72

Carbazole

Concen: 40.17 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

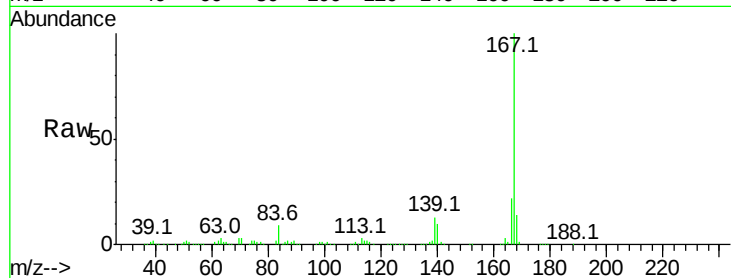
Tot Ion:167 Resp: 753510

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

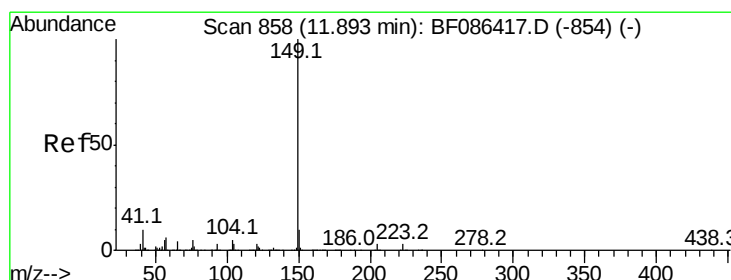
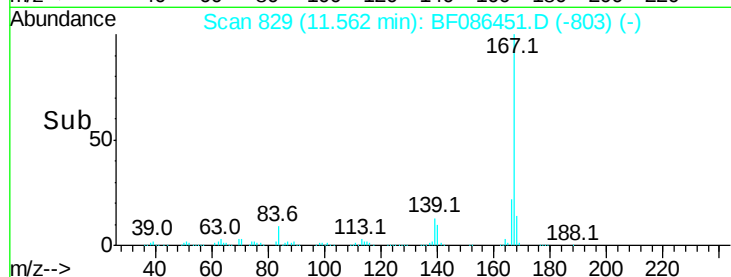
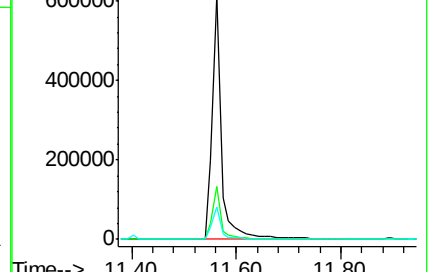
139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.69 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

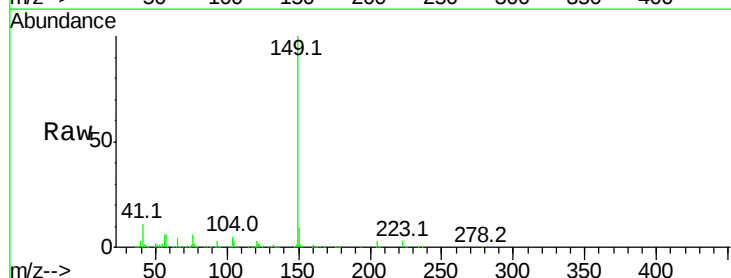
Tgt Ion:149 Resp: 885957

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

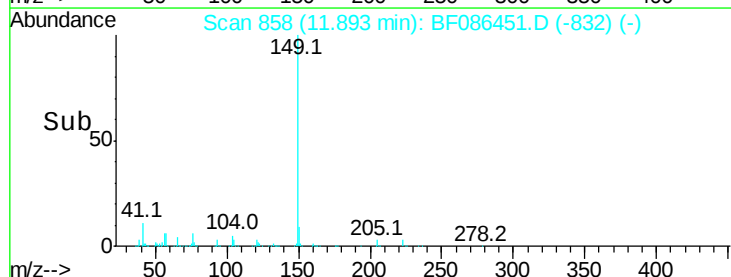
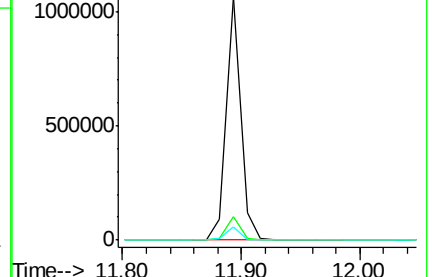
104 5.4 3.8 5.6

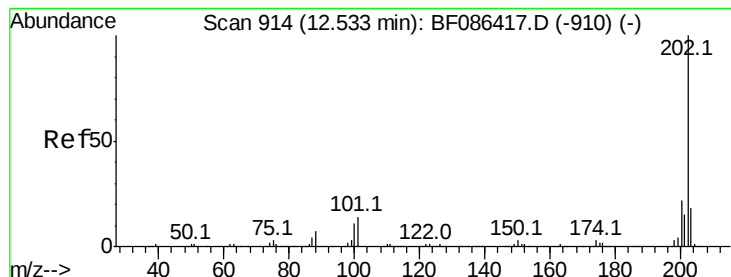


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 42.98 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

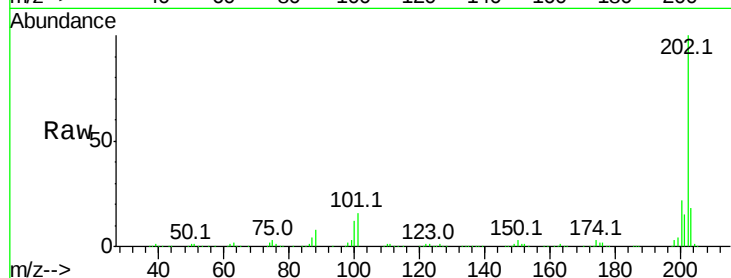
Tot Ion:202 Resp: 860430

Ion Ratio Lower Upper

202 100

101 15.7 0.0 35.4

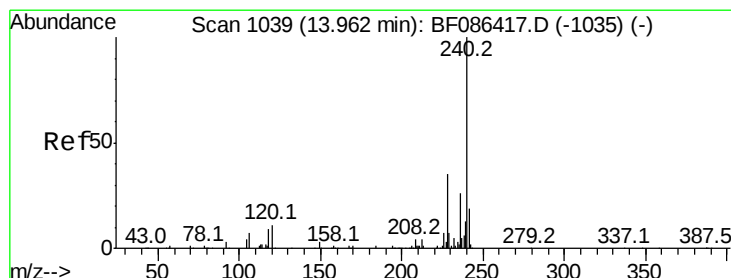
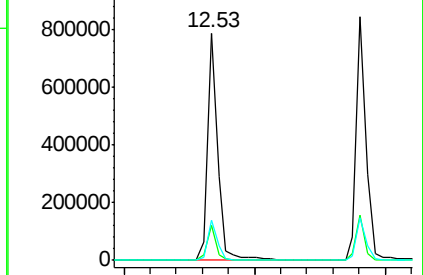
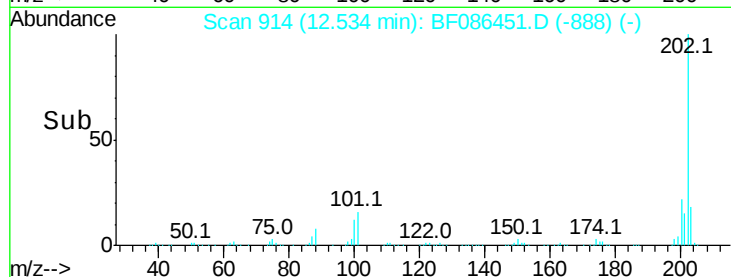
203 17.8 0.0 38.1



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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

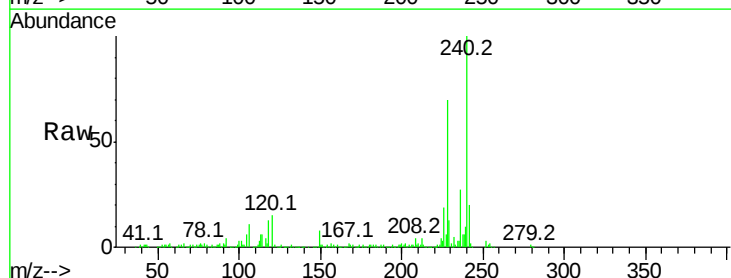
Tgt Ion:240 Resp: 391070

Ion Ratio Lower Upper

240 100

120 15.3 11.2 16.8

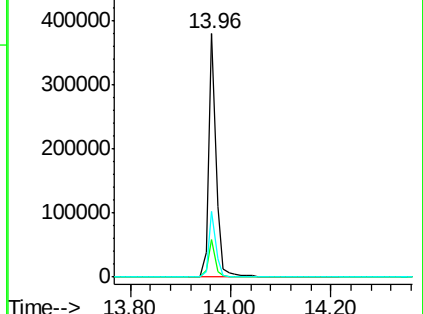
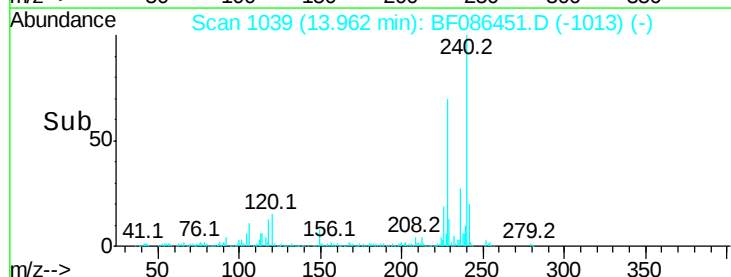
236 27.0 21.2 31.8

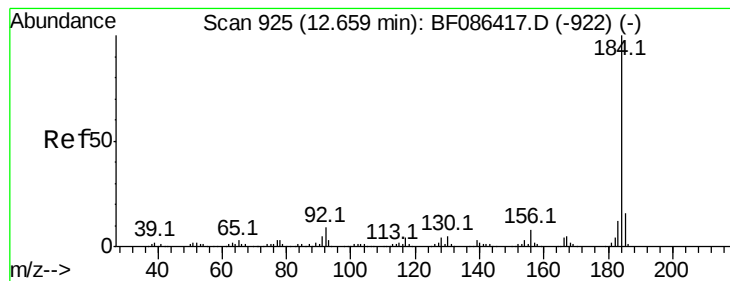


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 31.54 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

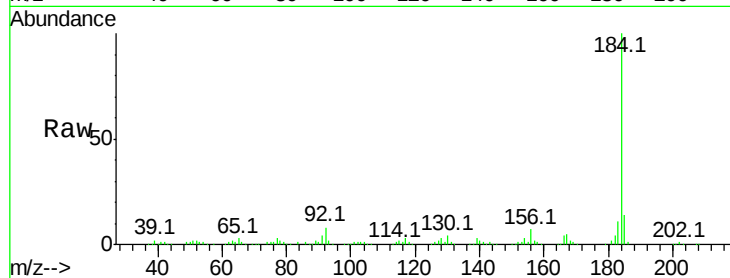
Tot Ion:184 Resp: 423919

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

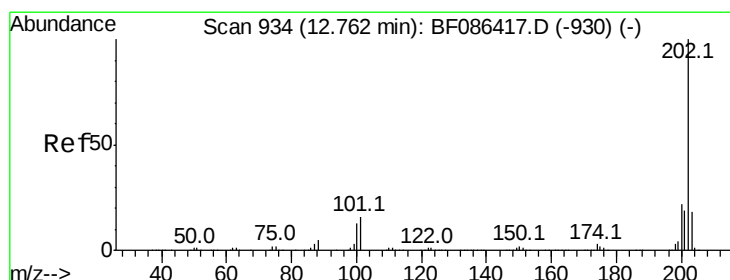
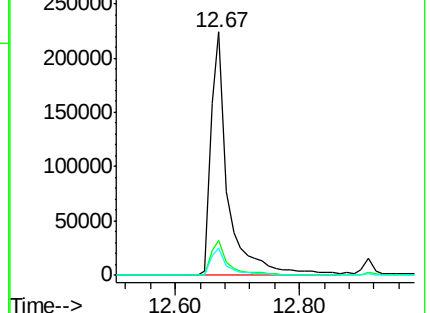
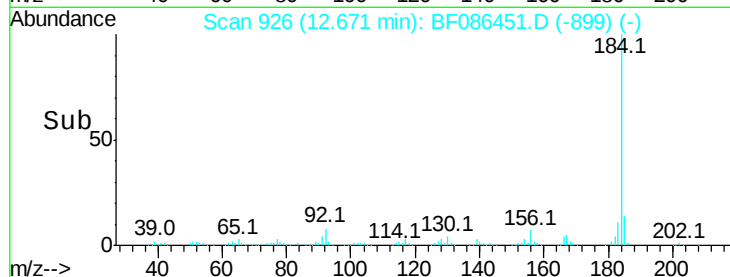
183 11.5 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 31.32 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

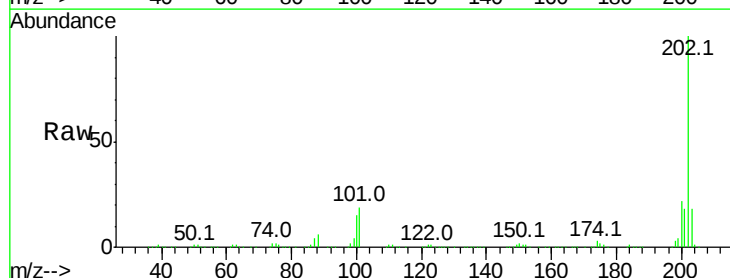
Tgt Ion:202 Resp: 882677

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

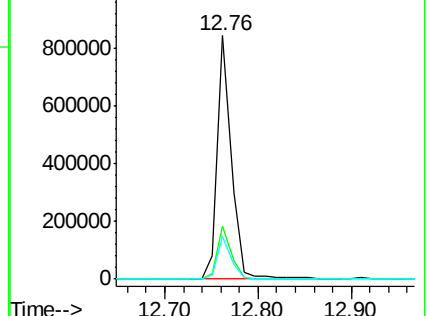
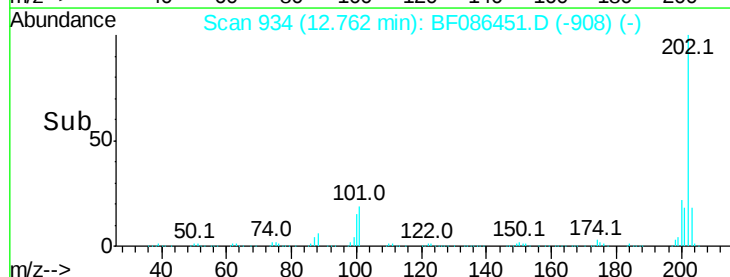
203 17.8 14.2 21.4

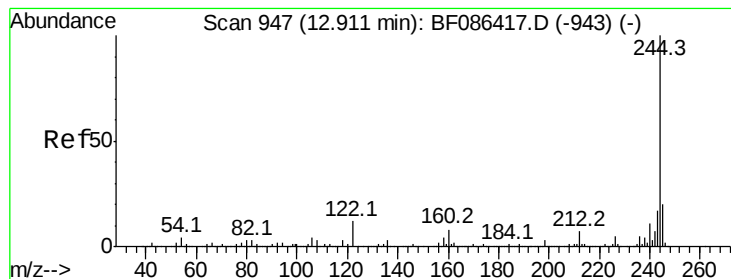


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.23 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

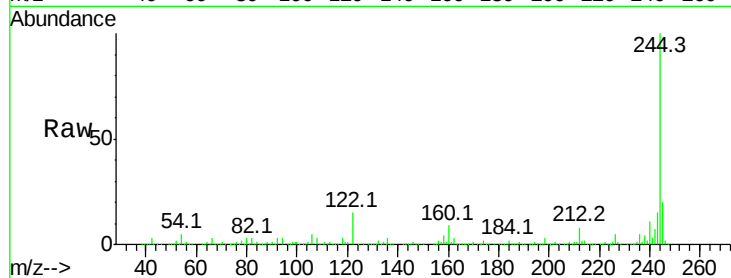
Tot Ion:244 Resp: 1051301

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

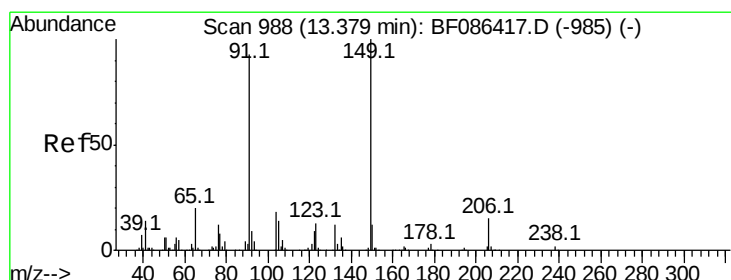
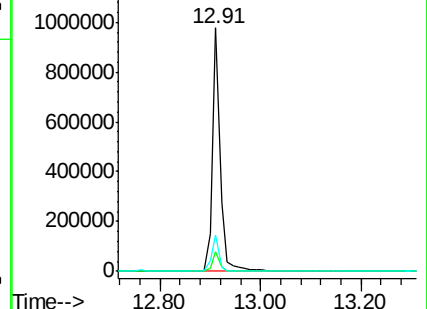
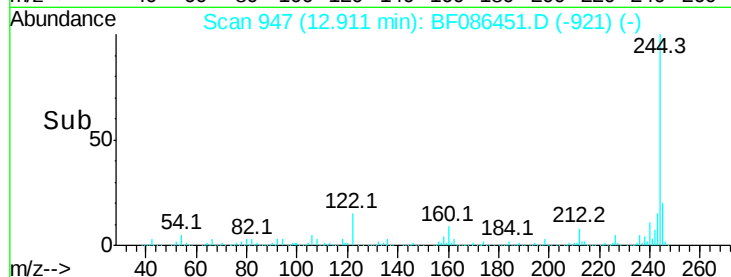
122 15.1 12.0 18.0



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: 37.10 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

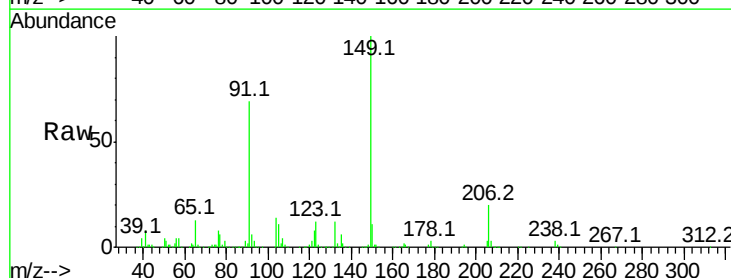
Tgt Ion:149 Resp: 452817

Ion Ratio Lower Upper

149 100

91 68.7 48.0 72.0

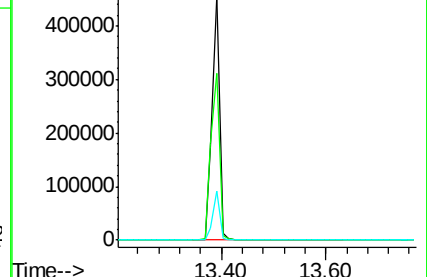
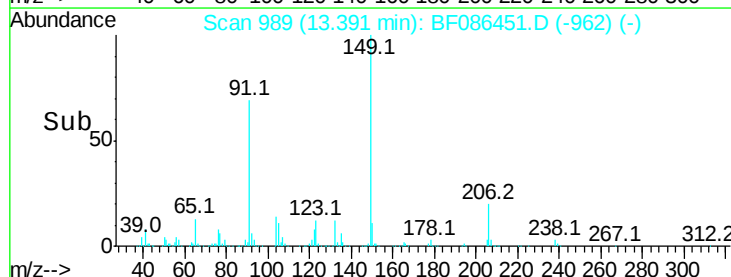
206 20.1 15.8 23.6

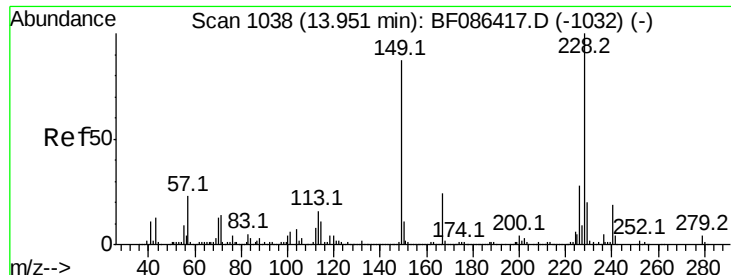


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

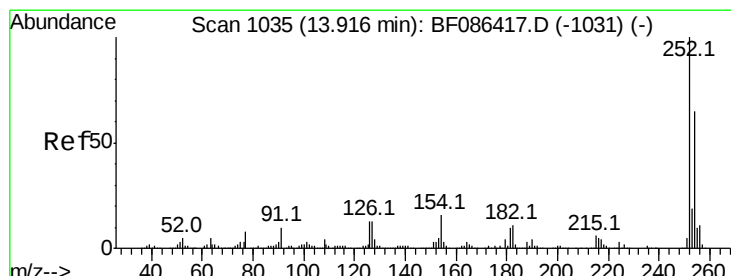
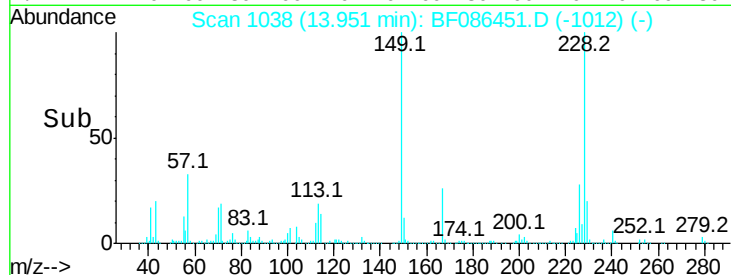
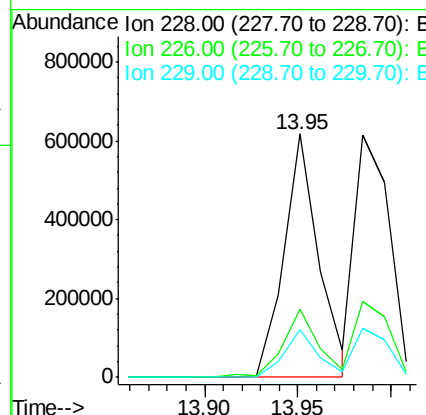
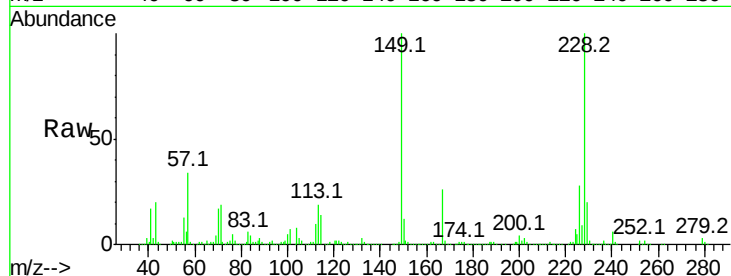




#80
Benzo(a)anthracene
Concen: 38.32 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

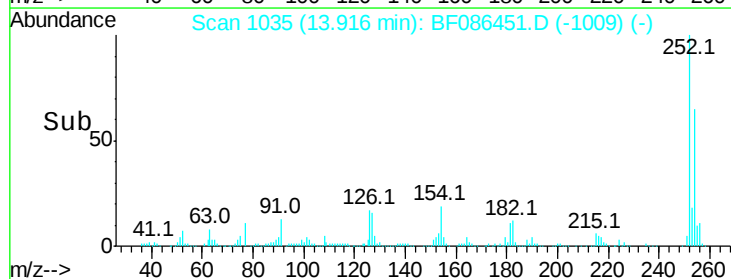
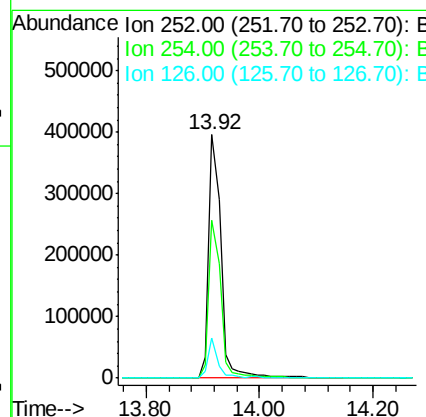
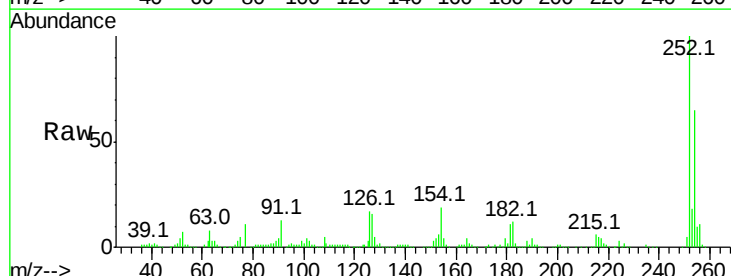
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

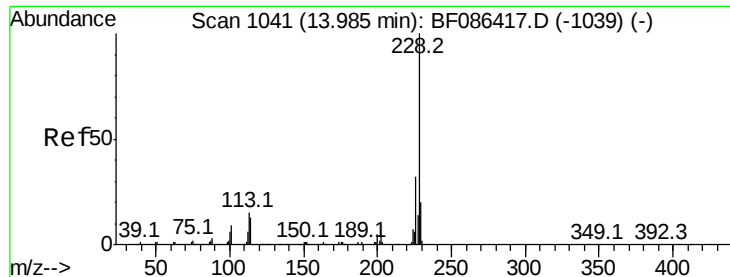
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	19.8	16.6	25.0



#81
3,3'-Dichlorobenzidine
Concen: 40.73 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	16.7	12.7	19.1





#82

Chrysene

Concen: 37.33 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

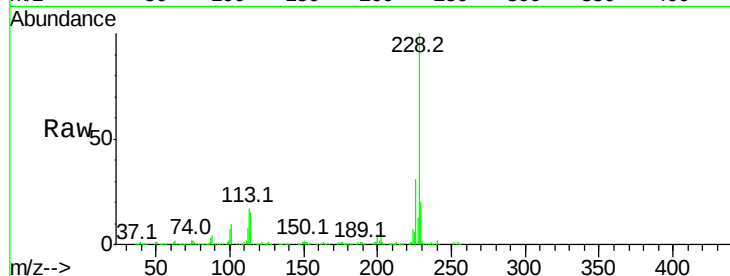
Tot Ion:228 Resp: 846078

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

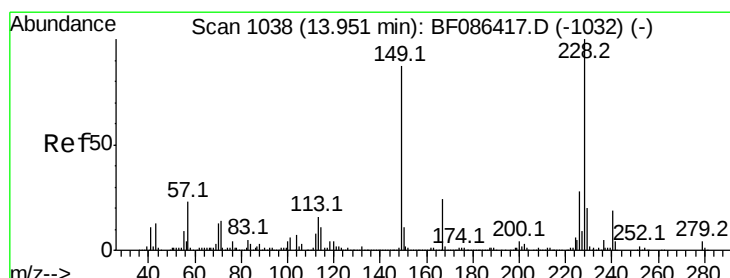
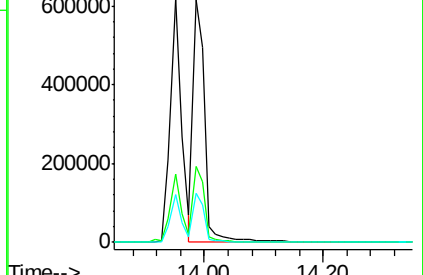
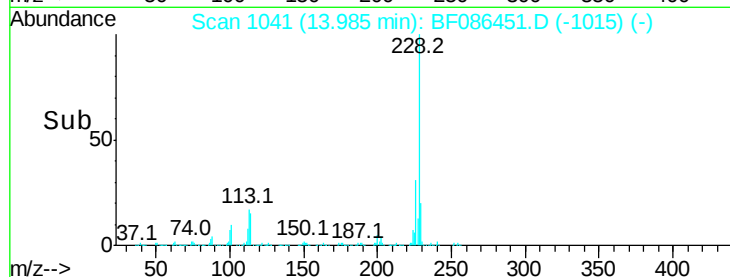
229 20.1 15.8 23.8



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: 38.01 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

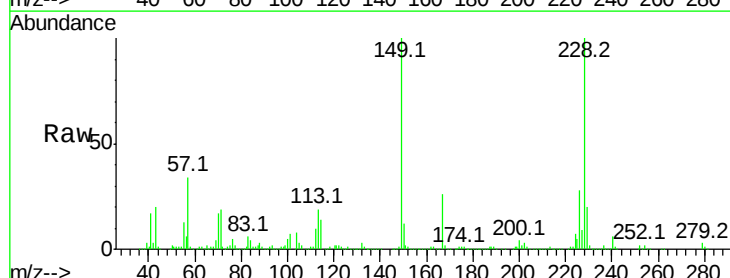
Tgt Ion:149 Resp: 575863

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

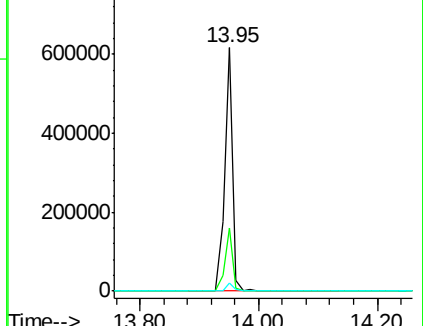
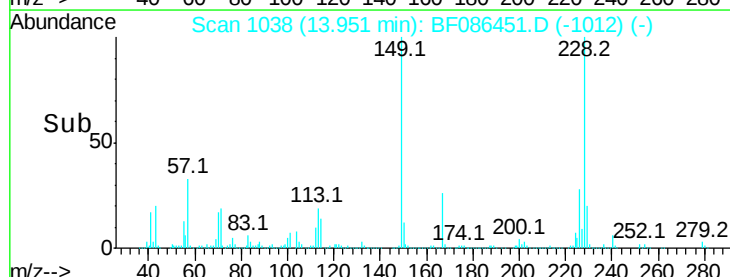
279 3.3 2.6 4.0

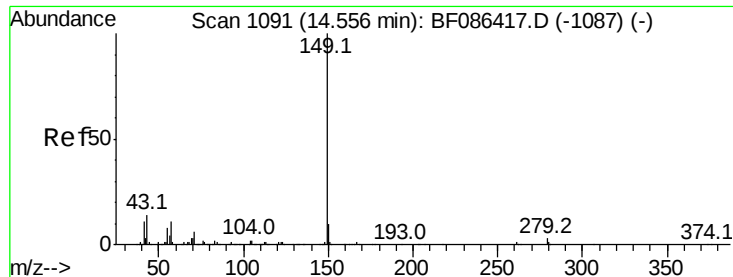


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

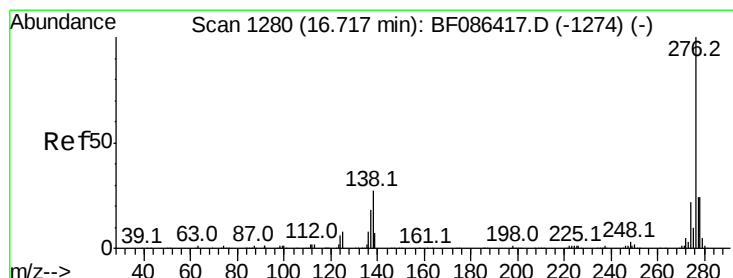
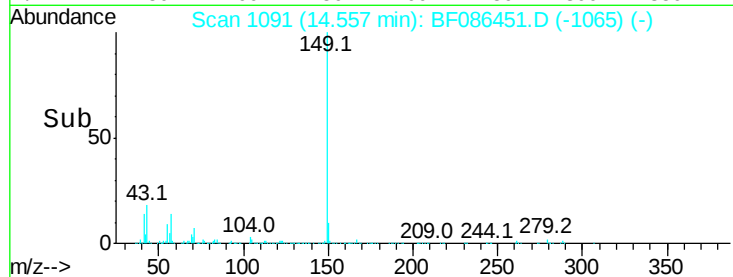
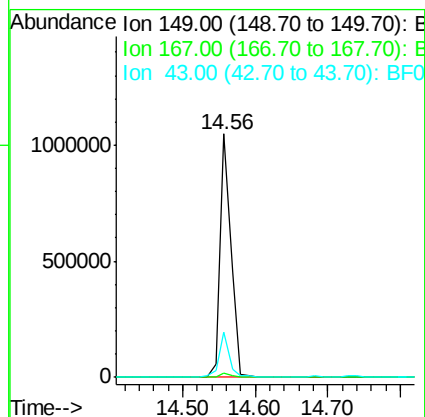
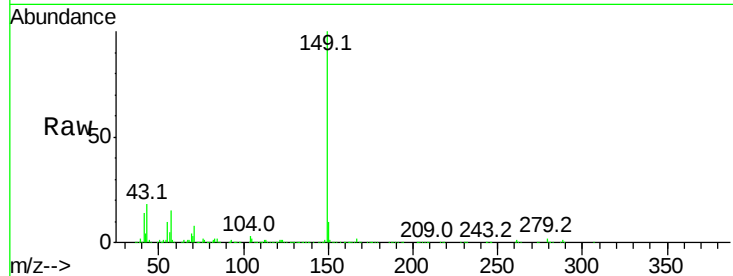




#84
Di-n-octyl phthalate
Concen: 45.94 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

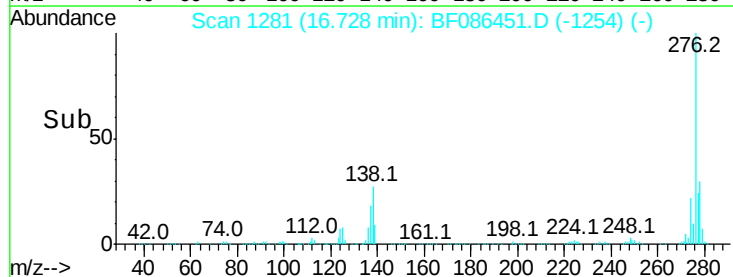
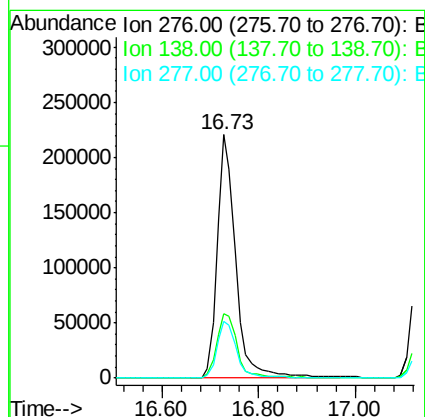
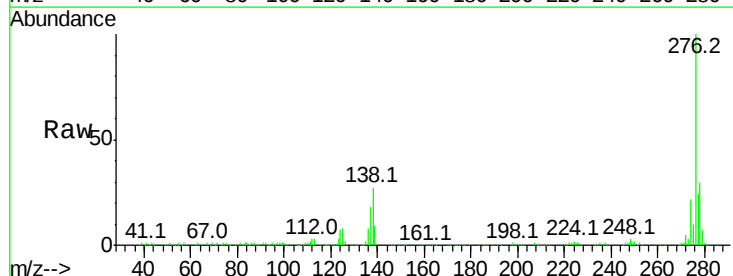
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

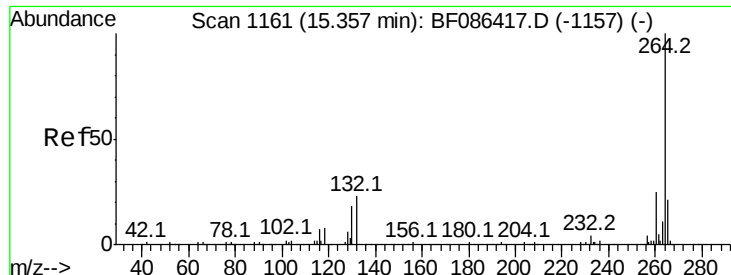
Tot Ion:149 Resp: 1089961
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 16.5 8.2 12.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.50 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion:276 Resp: 596126
Ion Ratio Lower Upper
276 100
138 29.9 25.6 38.4
277 25.2 20.5 30.7

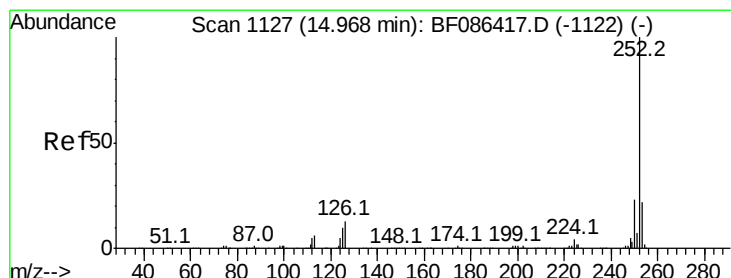
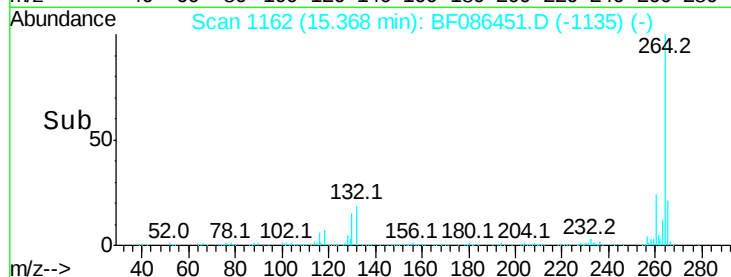
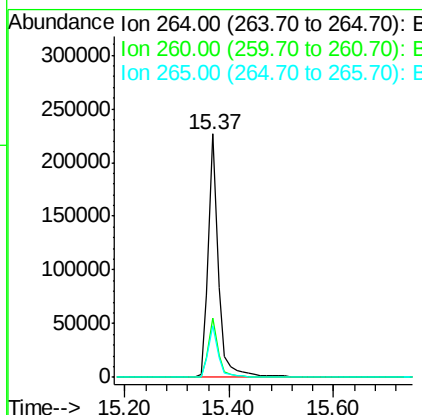
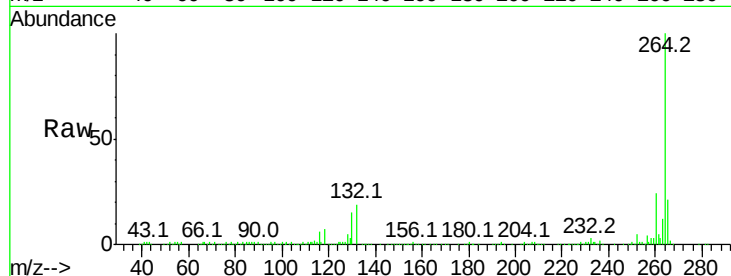




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

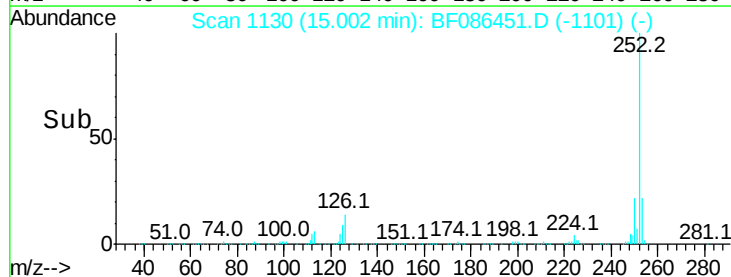
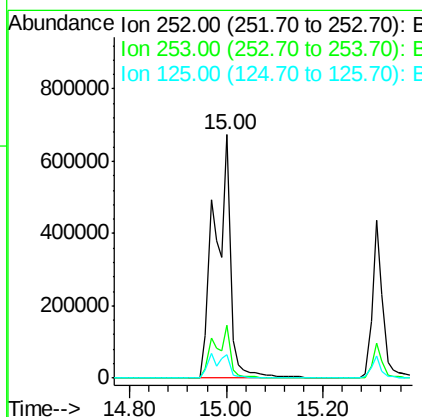
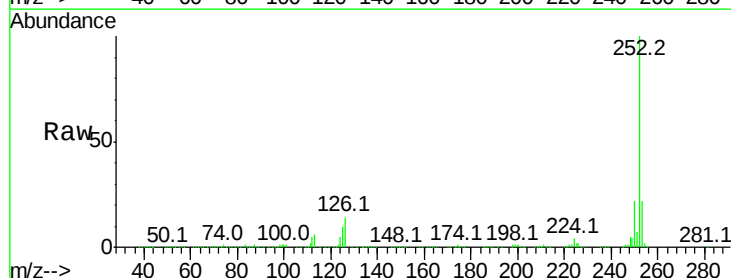
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

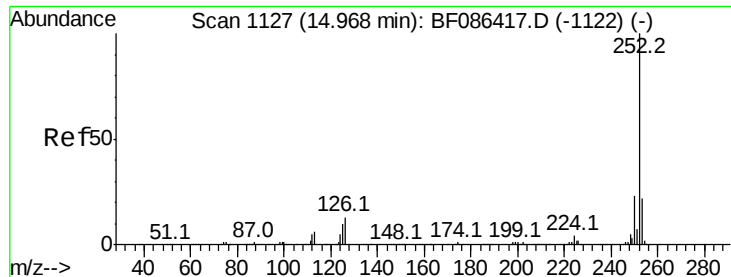
Tot Ion:264 Resp: 308893
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.3 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 85.33 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion:252 Resp: 1550534
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.5 11.4 17.0#

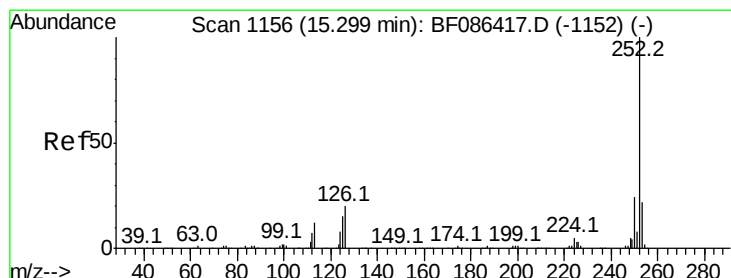
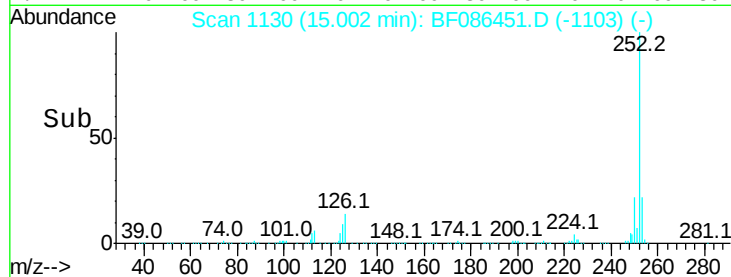
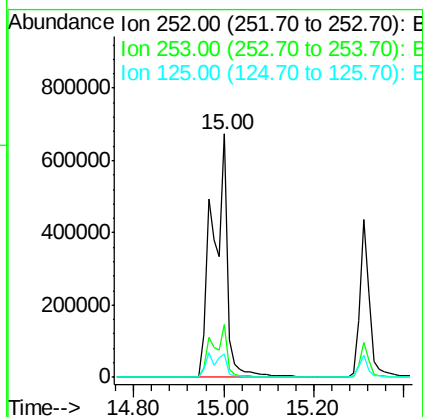
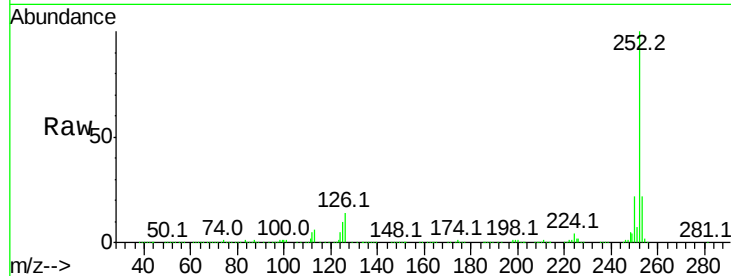




#88
Benzo(k)fluoranthene
Concen: 81.91 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

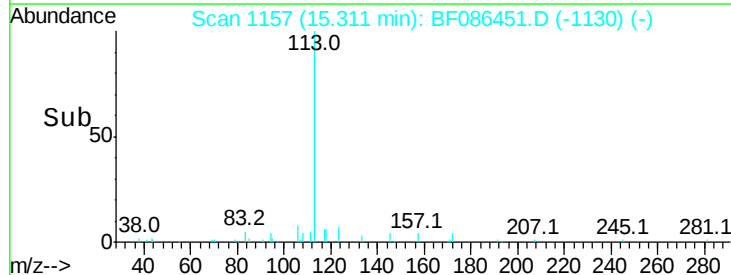
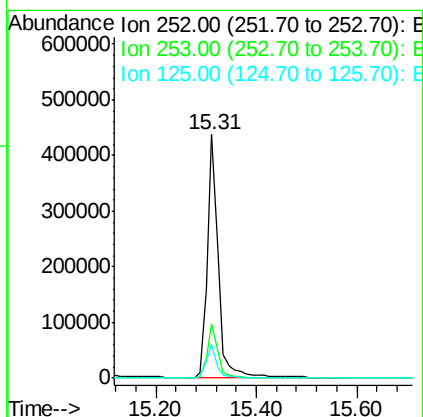
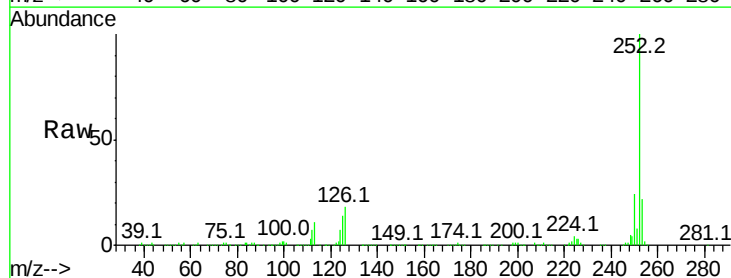
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

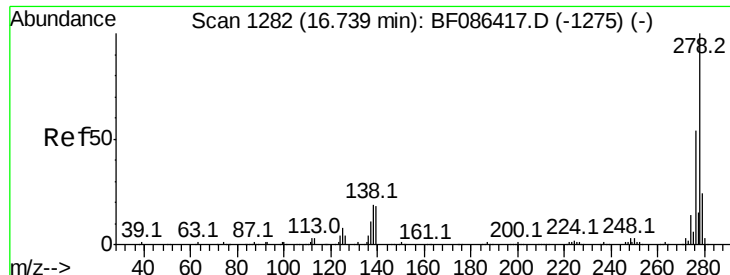
Tot Ion:252 Resp: 1552591
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.5 9.1 13.7



#89
Benzo(a)pyrene
Concen: 38.02 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF086451.D
Acq: 28 Apr 2016 4:17

Tgt Ion:252 Resp: 652294
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.7 9.0 13.6#





#90

Dibenzo(a,h)anthracene

Concen: 36.26 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

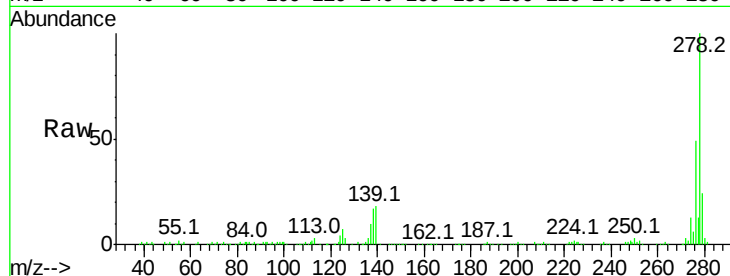
Tot Ion:278 Resp: 509021

Ion Ratio Lower Upper

278 100

139 17.9 16.6 24.8

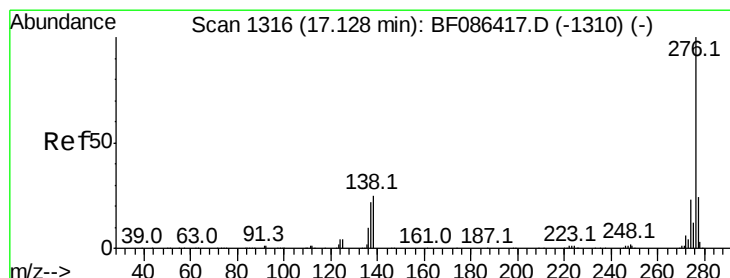
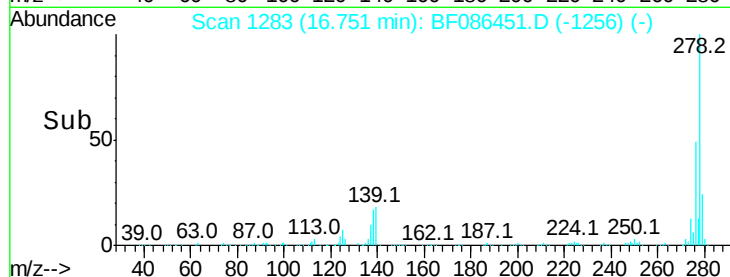
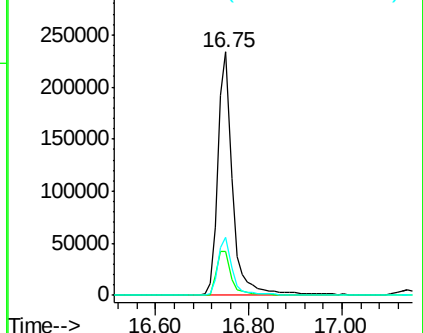
279 24.0 19.6 29.4



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(g,h,i)perylene

Concen: 33.86 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF086451.D

Acq: 28 Apr 2016 4:17

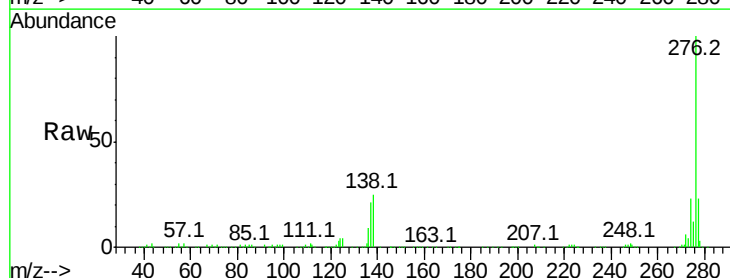
Tgt Ion:276 Resp: 476434

Ion Ratio Lower Upper

276 100

277 23.0 19.6 29.4

138 25.2 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

