

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086416.D
 Acq On : 27 Apr 2016 11:25
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Apr 27 12:43:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 12:41:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125274	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	532383	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	267053	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	515758	20.00	ng	0.00
75) Chrysene-d12	13.96	240	380045	20.00	ng	0.00
86) Perylene-d12	15.36	264	315610	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	399720	55.10	ng	0.00
7) Phenol-d6	6.43	99	521502	52.88	ng	-0.01
23) Nitrobenzene-d5	7.37	82	508573	56.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	145893	60.35	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	900694	57.55	ng	0.00
78) Terphenyl-d14	12.91	244	935901	61.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	95040	23.69	ng	# 78
3) Pyridine	3.06	79	246515	25.79	ng	# 72
4) n-Nitrosodimethylamine	3.00	42	131926	38.67	ng	# 59
6) Aniline	6.46	93	329163	27.35	ng	# 91
8) 2-Chlorophenol	6.58	128	228757	25.83	ng	# 81
9) Benzaldehyde	6.35	77	166119	27.73	ng	# 90
10) Phenol	6.44	94	281820	24.20	ng	# 83
11) bis(2-Chloroethyl)ether	6.54	93	247933	24.46	ng	# 99
12) 1,3-Dichlorobenzene	6.98	146	225721	23.90	ng	# 97
13) 1,4-Dichlorobenzene	6.82	146	260745	25.13	ng	# 95
14) 1,2-Dichlorobenzene	6.98	146	242960	25.77	ng	# 95
15) Benzyl Alcohol	6.94	79	171015	29.22	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	524377	39.46	ng	# 89
17) 2-Methylphenol	7.06	107	183503	25.29	ng	# 94
18) Hexachloroethane	7.32	117	95073	27.20	ng	# 77
19) n-Nitroso-di-n-propylamine	7.22	70	168437	28.58	ng	# 72
20) 3+4-Methylphenols	7.22	107	225386	29.30	ng	# 95
22) Acetophenone	7.22	105	316391	28.33	ng	# 93
24) Nitrobenzene	7.39	77	285605	29.63	ng	# 94
25) Isophorone	7.63	82	499392	28.35	ng	# 98
26) 2-Nitrophenol	7.71	139	121385	25.49	ng	# 97
27) 2,4-Dimethylphenol	7.74	122	204490	25.07	ng	# 92
28) bis(2-Chloroethoxy)methane	7.85	93	288339	29.32	ng	# 99
29) 2,4-Dichlorophenol	7.95	162	190456	28.25	ng	# 95
30) 1,2,4-Trichlorobenzene	8.03	180	205571	28.07	ng	# 96
31) Naphthalene	8.11	128	724774	26.72	ng	# 99
32) Benzoic acid	7.86	122	87084	16.70	ng	# 92
33) 4-Chloroaniline	8.17	127	277753	26.29	ng	# 99
34) Hexachlorobutadiene	8.24	225	120722	33.01	ng	# 98
35) Caprolactam	8.52	113	59369	24.54	ng	# 56
36) 4-Chloro-3-methylphenol	8.65	107	221927	27.70	ng	# 99
37) 2-Methylnaphthalene	8.81	142	432616	27.66	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	191287	27.69	ng	# 98
40) Hexachlorocyclopentadiene	8.96	237	92701	27.47	ng	# 97

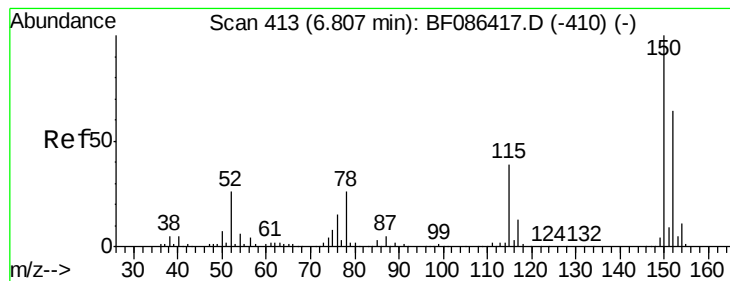
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	130768	28.87	nq	93
43) 2,4,5-Trichlorophenol	9.12	196	129658	23.25	nq	# 86
45) 1,1'-Biphenyl	9.26	154	561486	27.10	nq	97
46) 2-Chloronaphthalene	9.29	162	423254	25.81	nq	94
47) 2-Nitroaniline	9.39	65	143845	28.17	nq	98
48) Acenaphthylene	9.70	152	668285	25.13	nq	98
49) Dimethylphthalate	9.57	163	536312	27.80	nq	99
50) 2,6-Dinitrotoluene	9.63	165	115067	27.61	nq	97
51) Acenaphthene	9.88	154	431731	26.43	nq	98
52) 3-Nitroaniline	9.80	138	125750	24.10	nq	97
53) 2,4-Dinitrophenol	9.90	184	42778	19.74	nq	100
54) Dibenzofuran	10.05	168	545945	26.03	nq	94
55) 4-Nitrophenol	9.96	139	75850	20.78	nq	86
56) 2,4-Dinitrotoluene	10.03	165	141340	25.54	nq	94
57) Fluorene	10.38	166	445219	25.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	101858	24.98	nq	90
59) Diethylphthalate	10.27	149	511075	27.66	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	229737	30.56	nq	87
61) 4-Nitroaniline	10.41	138	125680	23.54	nq	84
62) Azobenzene	10.54	77	557031	29.08	nq	91
64) 4,6-Dinitro-2-methylphenol	10.44	198	71119	22.57	nq	92
65) n-Nitrosodiphenylamine	10.50	169	389196	24.47	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	135124	26.76	nq	# 80
67) Hexachlorobenzene	10.93	284	149640	27.77	nq	# 78
68) Atrazine	11.02	200	122489	24.95	nq	93
69) Pentachlorophenol	11.13	266	79455	25.11	nq	100
70) Phenanthrene	11.34	178	655550	25.30	nq	100
71) Anthracene	11.40	178	760750	25.62	nq	99
72) Carbazole	11.55	167	631802	22.65	nq	99
73) Di-n-butylphthalate	11.89	149	800535	27.29	nq	99
74) Fluoranthene	12.53	202	738982	26.44	nq	93
76) Benzidine	12.66	184	374009	24.00	nq	96
77) Pyrene	12.76	202	732264	27.63	nq	99
79) Butylbenzylphthalate	13.38	149	303396	24.57	nq	# 72
80) Benzo(a)anthracene	13.94	228	522120	26.46	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	393426	28.91	nq	# 96
82) Chrysene	13.99	228	611587	27.51	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	387548	28.03	nq	# 94
84) Di-n-octyl phthalate	14.56	149	648297	24.42	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.72	276	406273	20.56	nq	97
87) Benzo(b)fluoranthene	14.99	252	992578	57.30	nq	# 96
88) Benzo(k)fluoranthene	14.99	252	993306	58.42	nq	98
89) Benzo(a)pyrene	15.30	252	443450	25.95	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	337045	23.91	nq	97
91) Benzo(g,h,i)perylene	17.12	276	322968	22.19	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: BF086416.D

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SSTDIC025

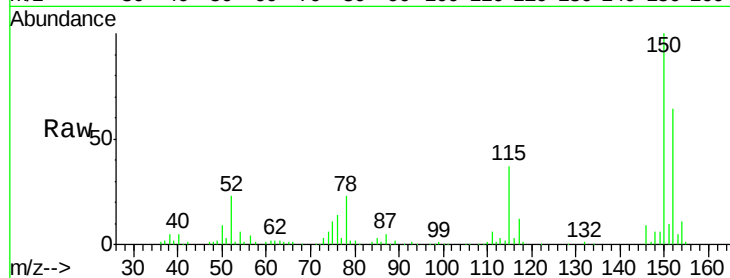
Tot Ion:152 Resp: 125274

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

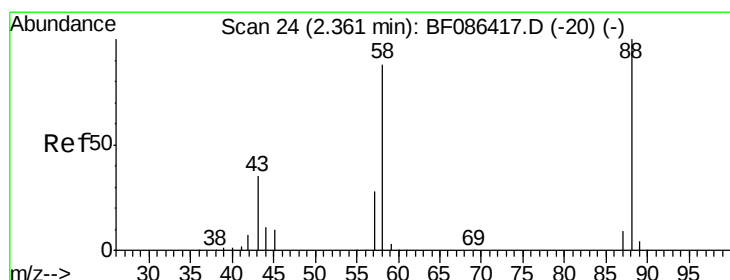
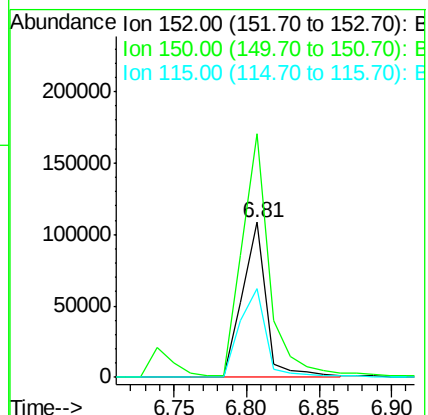
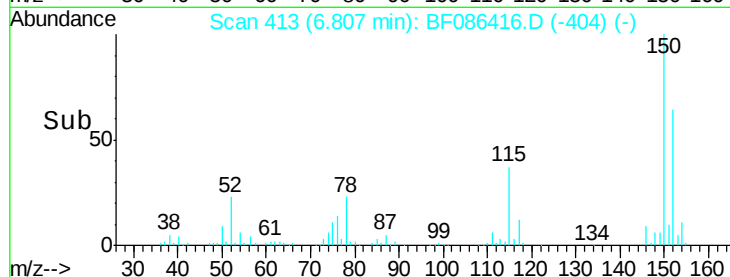
115 57.6 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.69 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

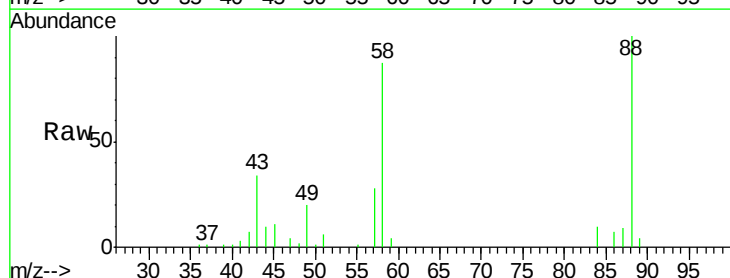
Tgt Ion: 88 Resp: 95040

Ion Ratio Lower Upper

88 100

58 93.1 59.6 89.4#

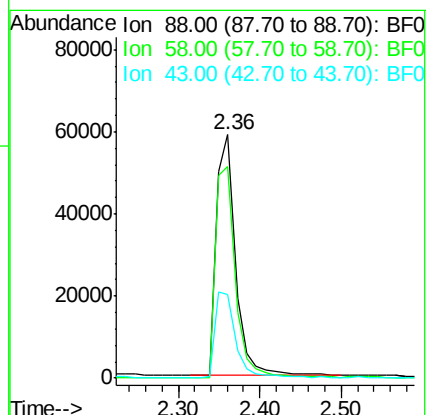
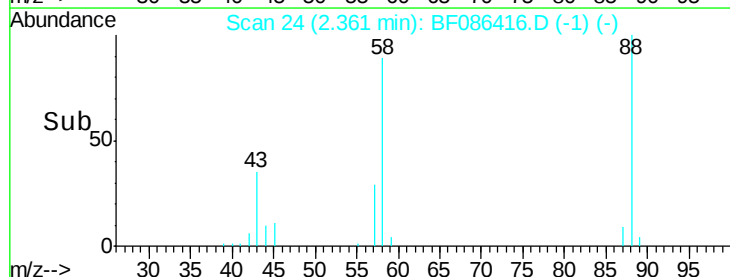
43 39.0 21.8 32.6#

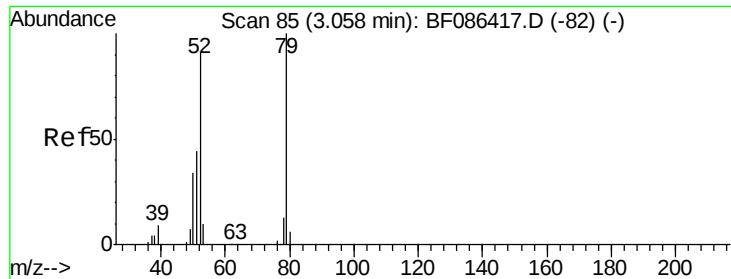


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.79 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

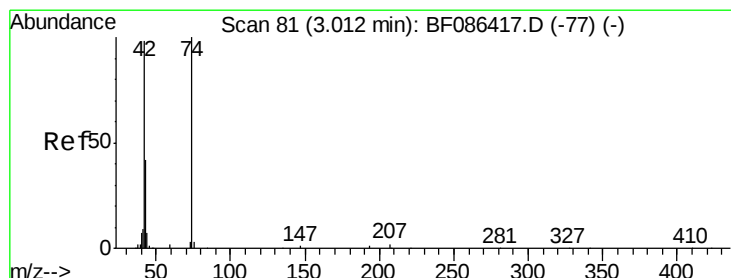
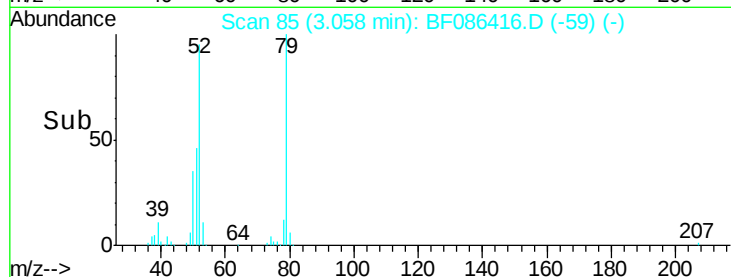
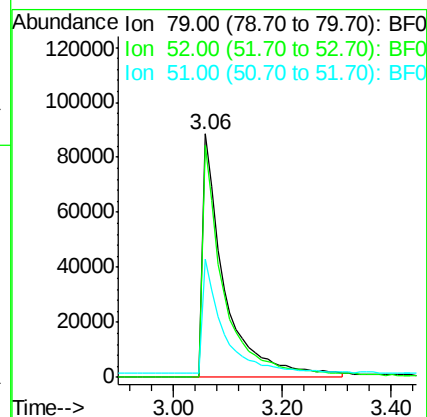
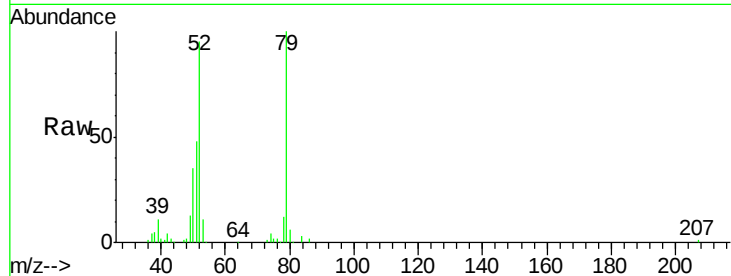
Tot Ion: 79 Resp: 246515

Ion Ratio Lower Upper

79 100

52 95.5 55.9 83.9#

51 48.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.67 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

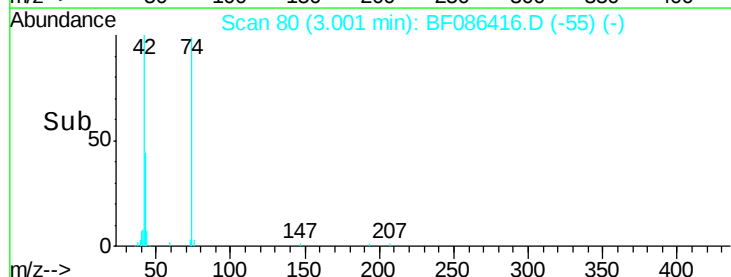
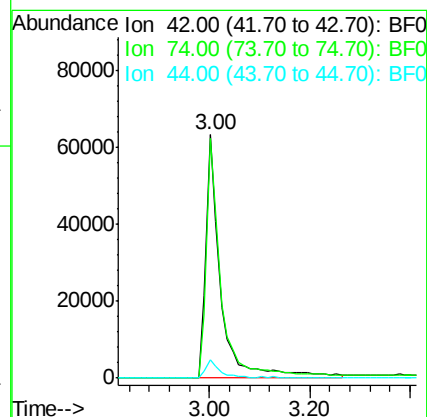
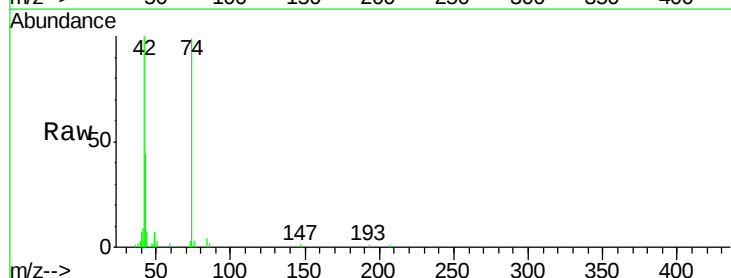
Tgt Ion: 42 Resp: 131926

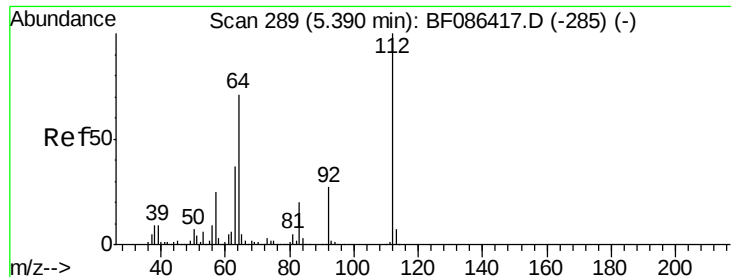
Ion Ratio Lower Upper

42 100

74 98.6 123.4 185.0#

44 7.3 5.8 8.6





#5

2-Fluorophenol

Concen: 55.10 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

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SSTDICC025

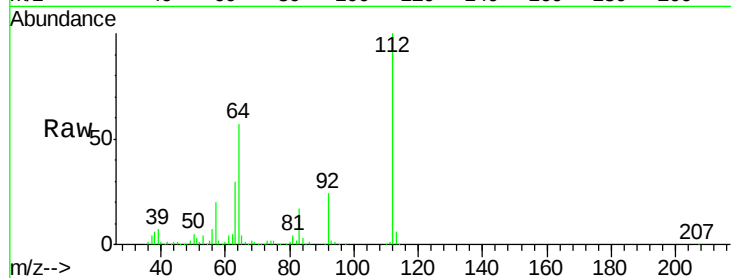
Tot Ion:112 Resp: 399720

Ion Ratio Lower Upper

112 100

64 57.4 52.1 78.1

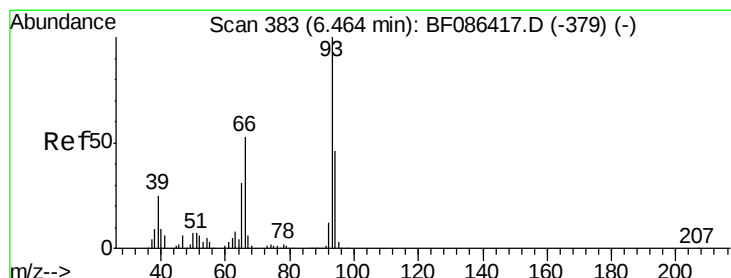
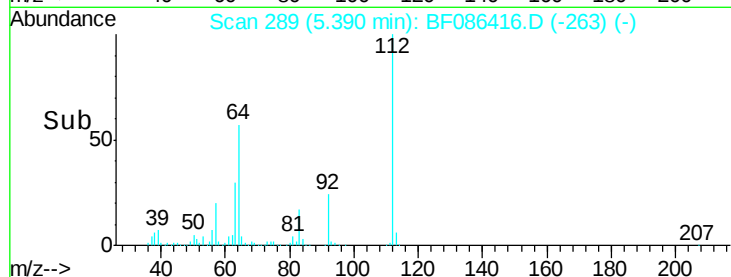
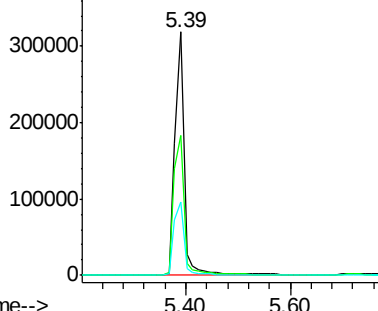
63 29.9 25.7 38.5



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: 27.35 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

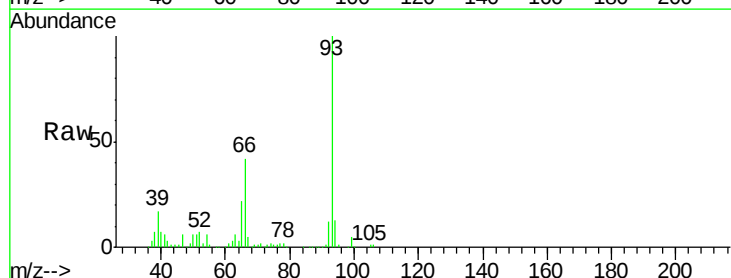
Tgt Ion: 93 Resp: 329163

Ion Ratio Lower Upper

93 100

66 41.8 39.0 58.6

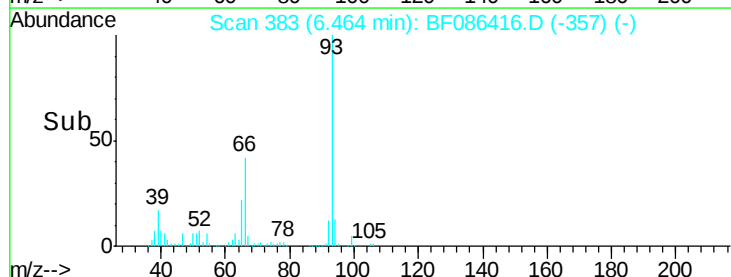
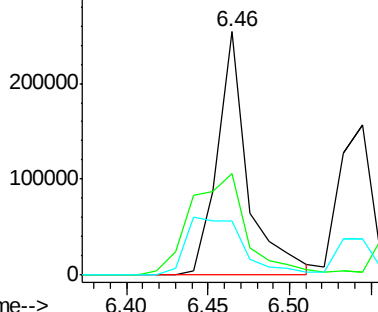
65 22.1 20.6 31.0

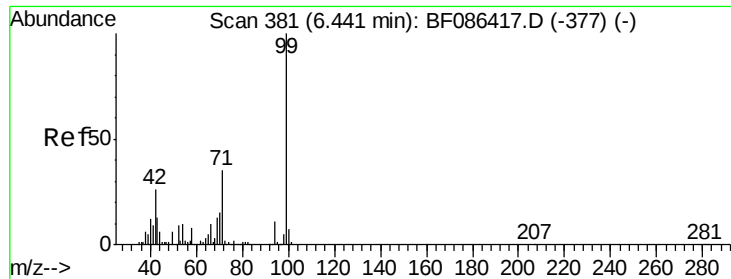


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 52.88 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

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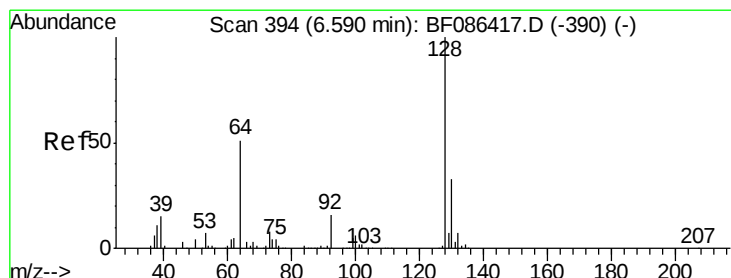
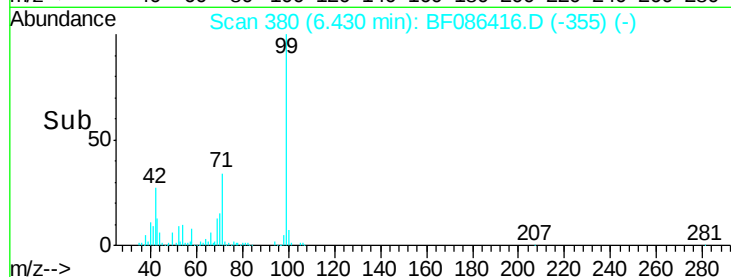
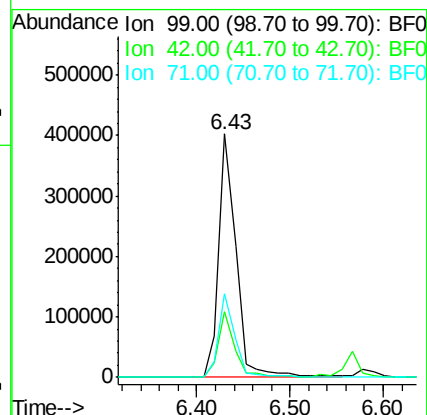
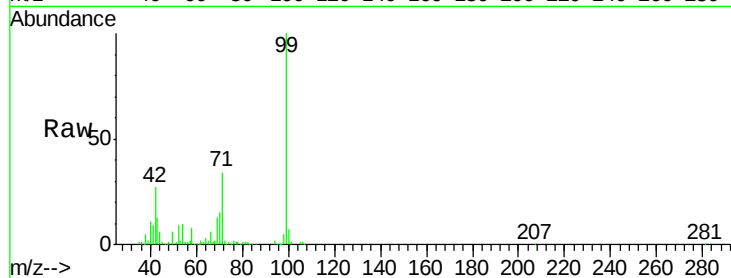
Tot Ion: 99 Resp: 521502

Ion Ratio Lower Upper

99 100

42 26.8 13.6 20.4#

71 34.2 24.6 36.8



#8

2-Chlorophenol

Concen: 25.83 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

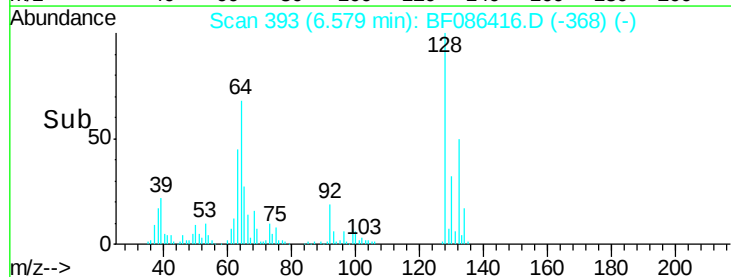
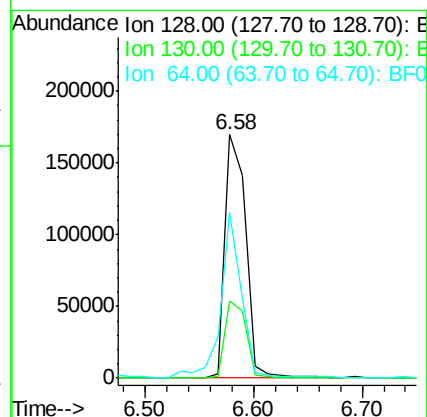
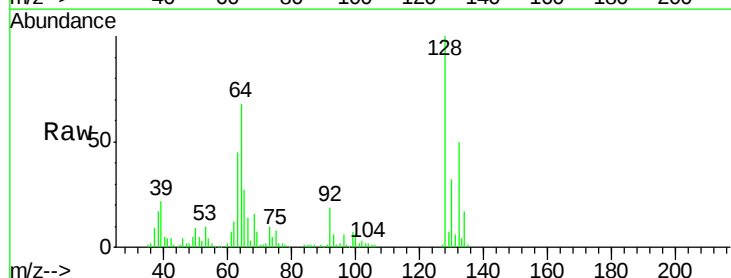
Tgt Ion: 128 Resp: 228757

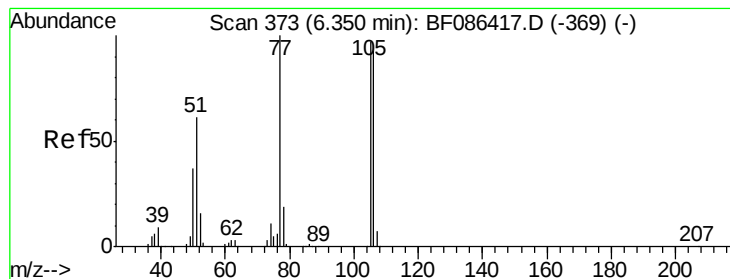
Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

64 68.0 27.3 67.3#





#9

Benzaldehyde

Concen: 27.73 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

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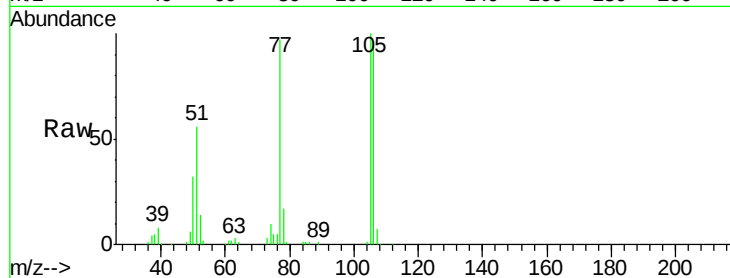
Tot Ion: 77 Resp: 166119

Ion Ratio Lower Upper

77 100

105 103.4 72.7 112.7

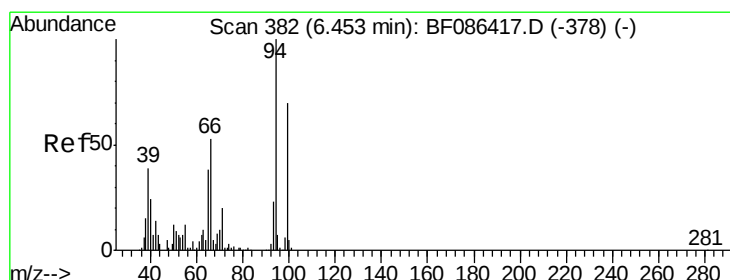
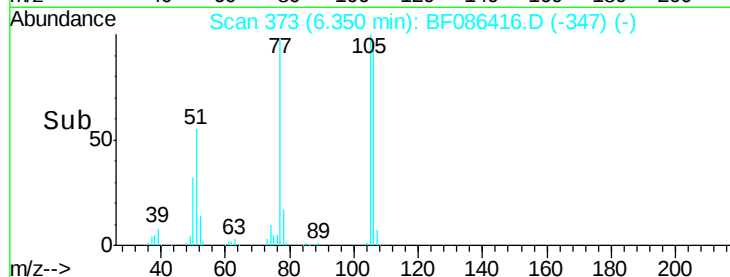
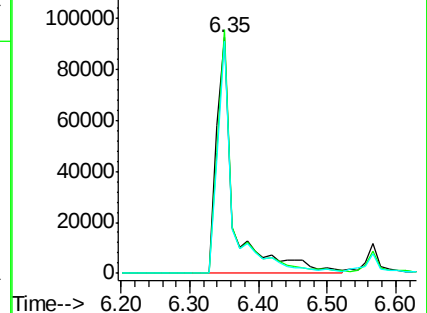
106 98.8 70.8 110.8



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: 24.20 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

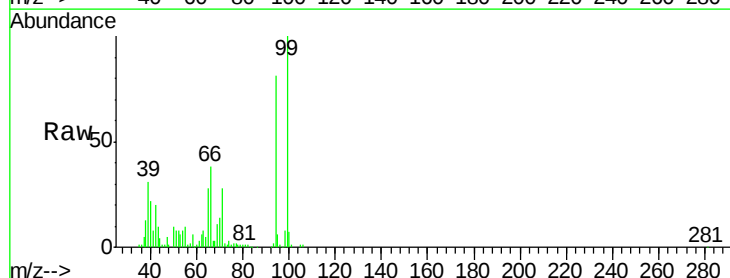
Tgt Ion: 94 Resp: 281820

Ion Ratio Lower Upper

94 100

65 34.0 7.2 47.2

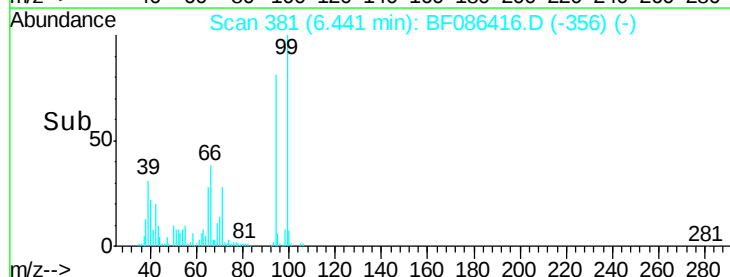
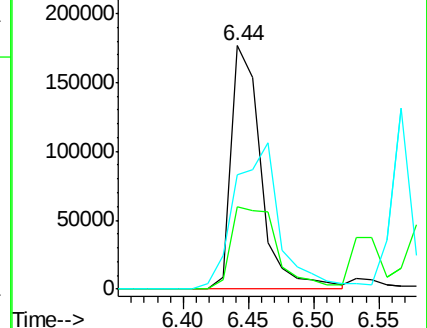
66 47.0 14.9 54.9

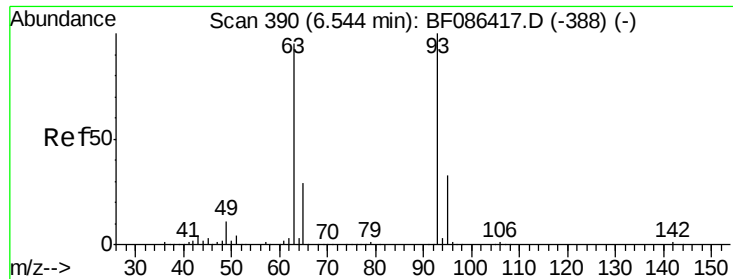


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

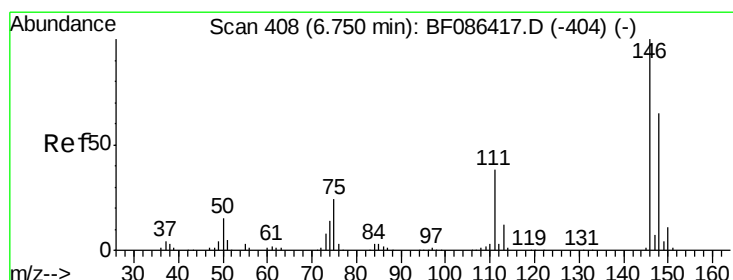
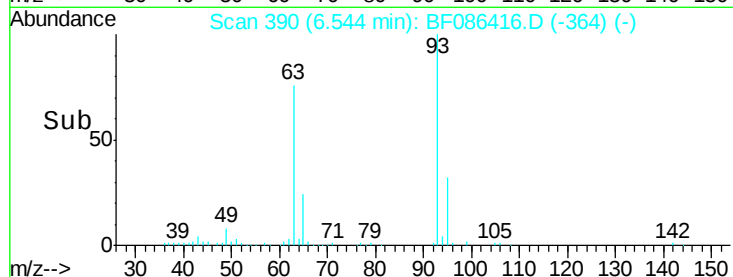
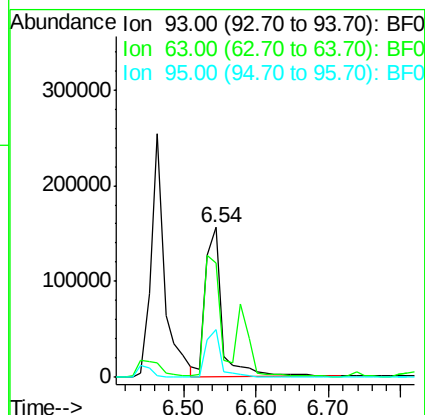
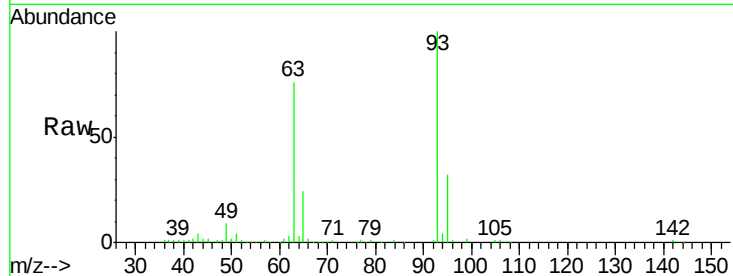




#11
bis(2-Chloroethyl)ether
Concen: 24.46 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

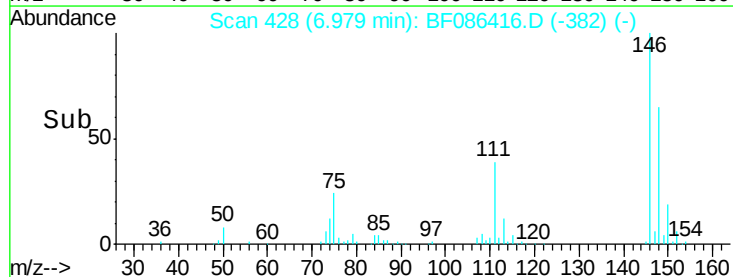
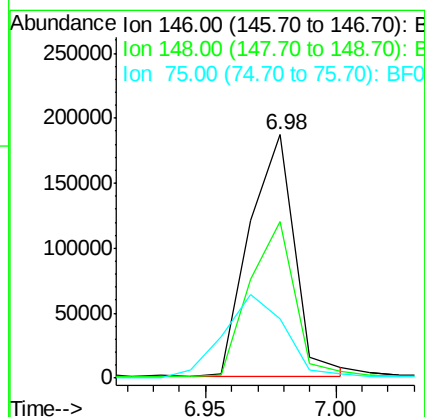
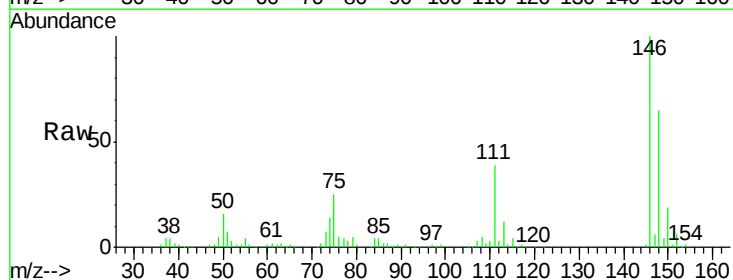
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

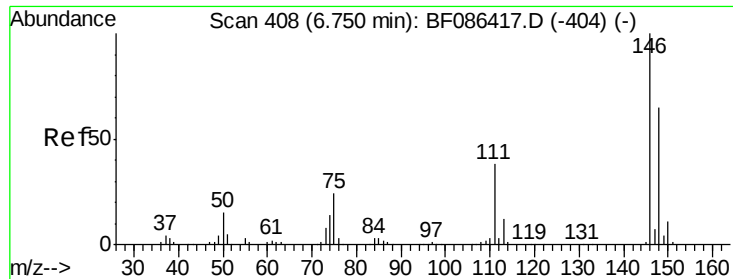
Tot Ion: 93 Resp: 247933
Ion Ratio Lower Upper
93 100
63 76.3 58.0 98.0
95 31.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 23.90 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.23 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion: 146 Resp: 225721
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
75 24.6 22.8 34.2

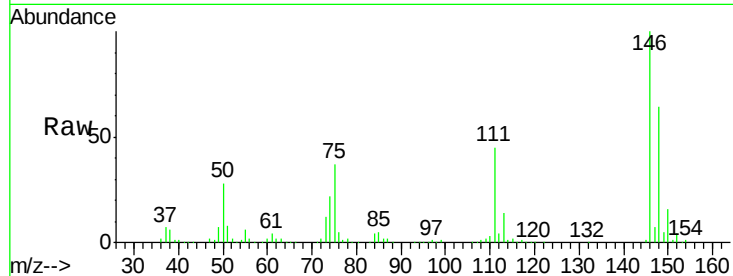




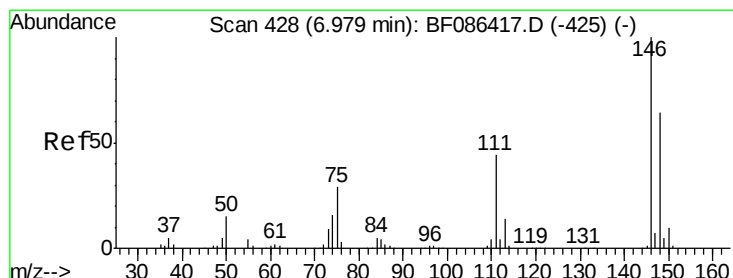
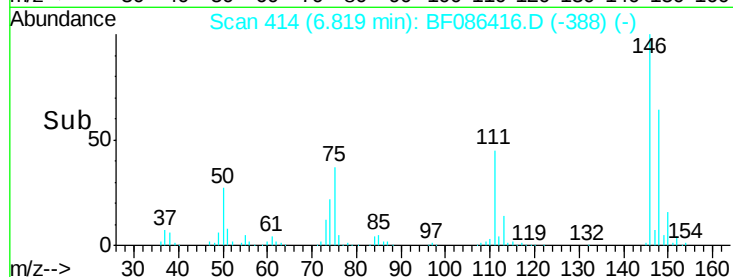
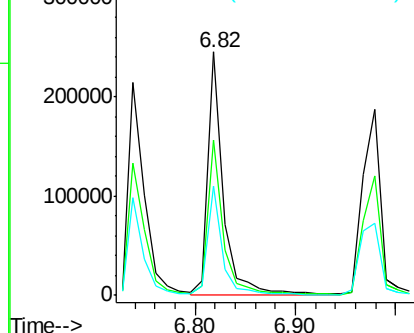
#13
 1,4-Dichlorobenzene
 Concen: 25.13 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:146 Resp: 260745
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 45.0 30.7 46.1

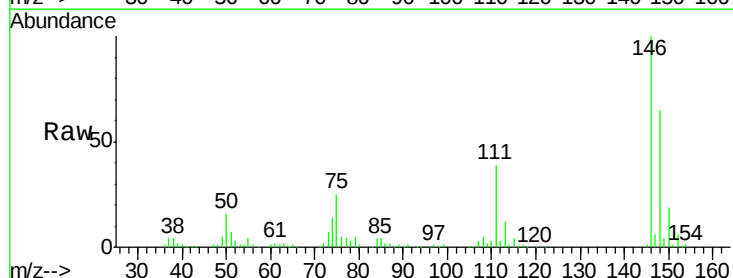


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

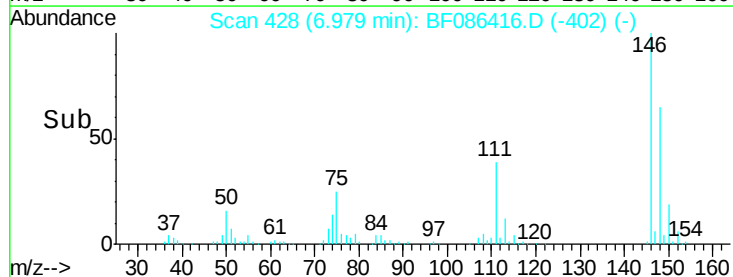
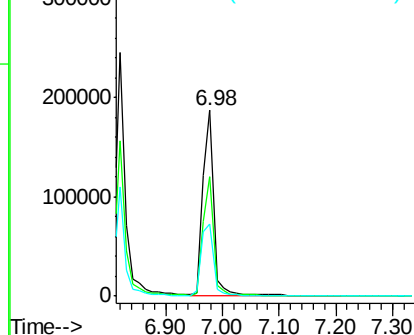


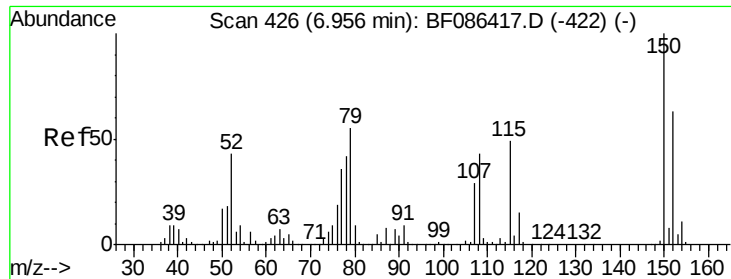
#14
 1,2-Dichlorobenzene
 Concen: 25.77 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:146 Resp: 242960
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 38.9 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

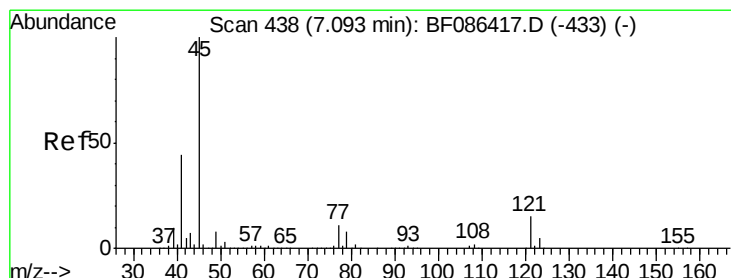
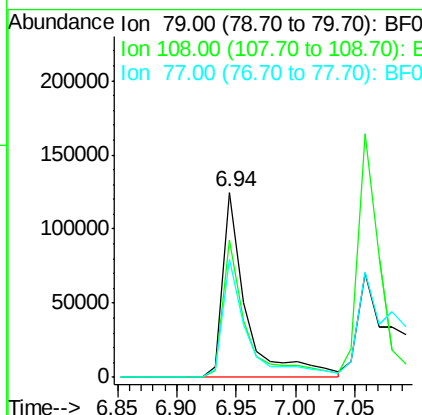
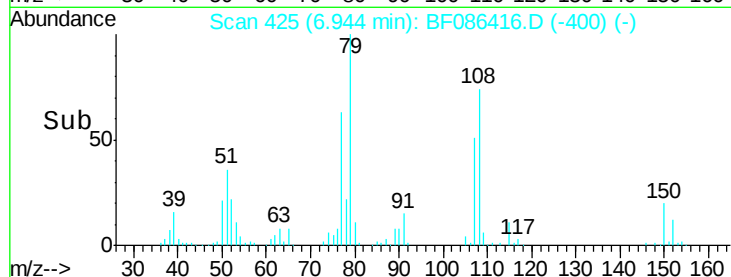
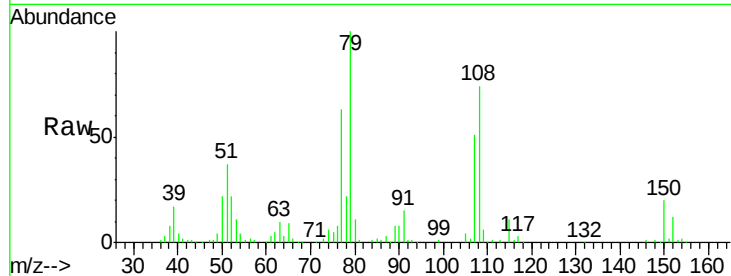




#15
Benzyl Alcohol
Concen: 29.22 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

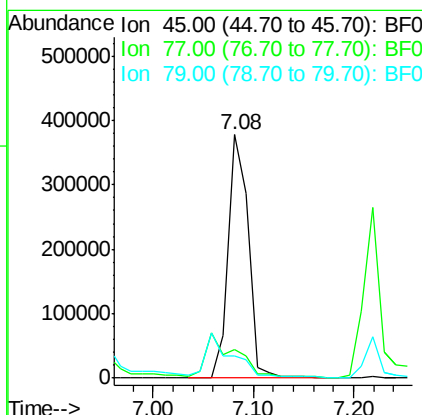
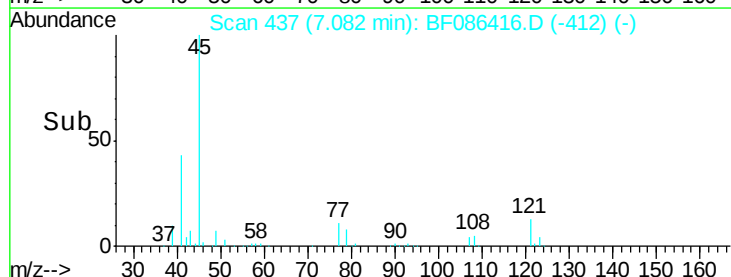
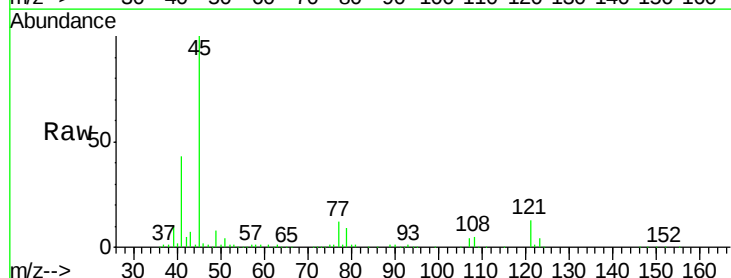
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

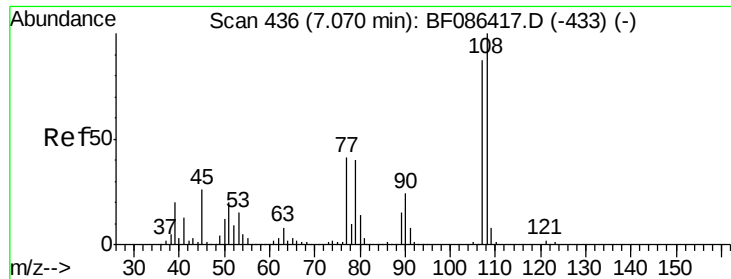
Tot Ion: 79 Resp: 171015
Ion Ratio Lower Upper
79 100
108 74.2 68.4 102.6
77 63.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.46 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion: 45 Resp: 524377
Ion Ratio Lower Upper
45 100
77 11.7 0.0 36.4
79 9.0 0.0 33.4





#17

2-Methylphenol

Concen: 25.29 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:107 Resp: 183503

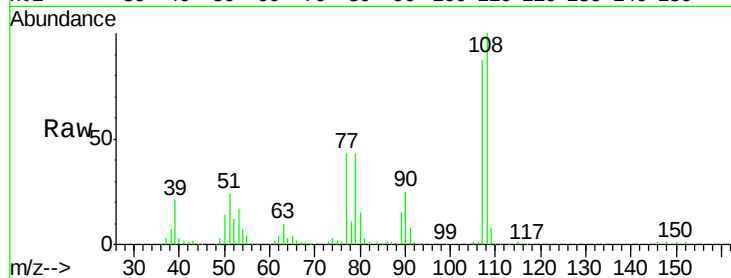
Ion Ratio Lower Upper

107 100

108 114.6 93.7 140.5

77 49.6 33.4 50.0

79 49.1 34.3 51.5

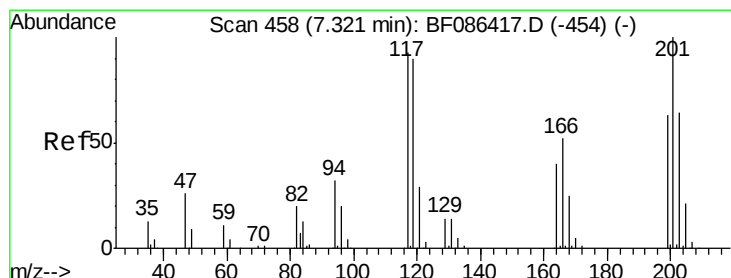
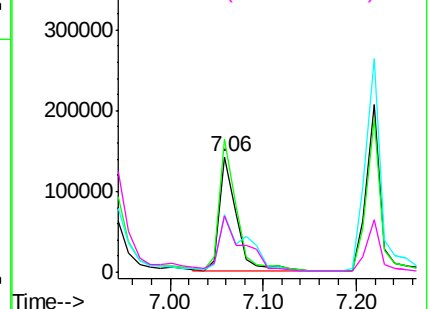
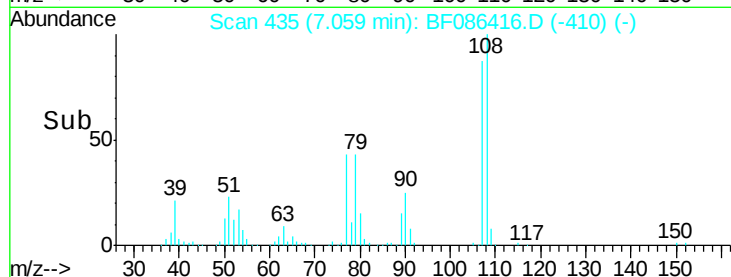


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.20 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

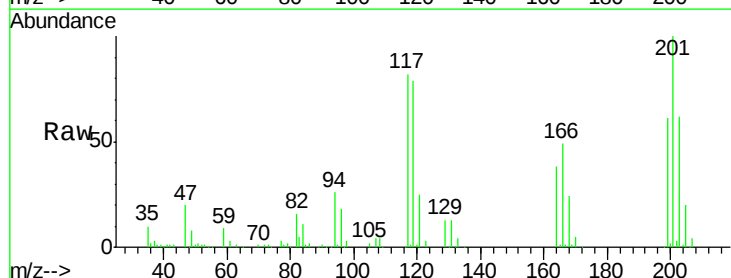
Tgt Ion:117 Resp: 95073

Ion Ratio Lower Upper

117 100

119 96.6 76.5 114.7

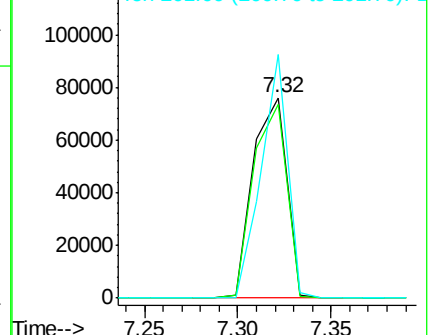
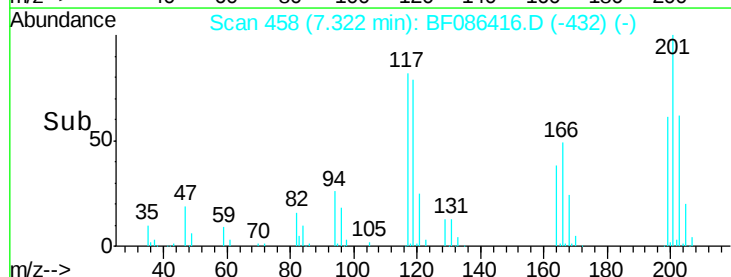
201 121.6 63.0 94.6#

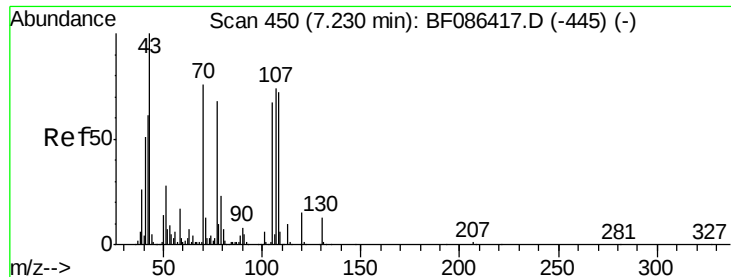


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

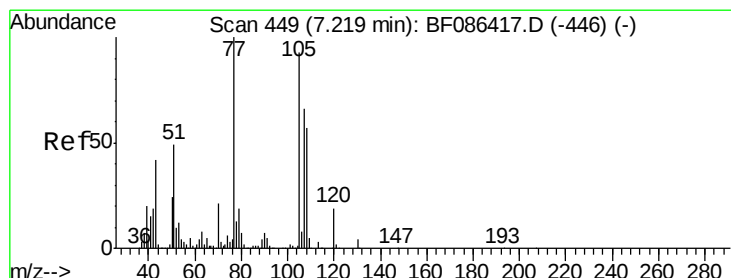
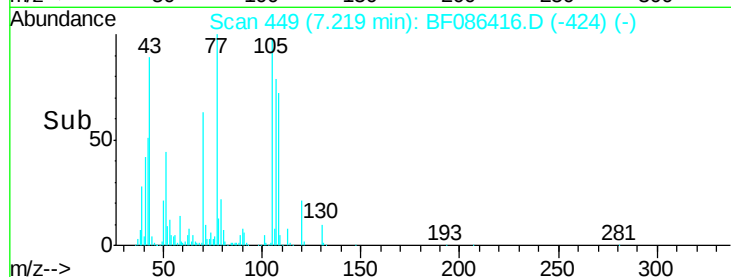
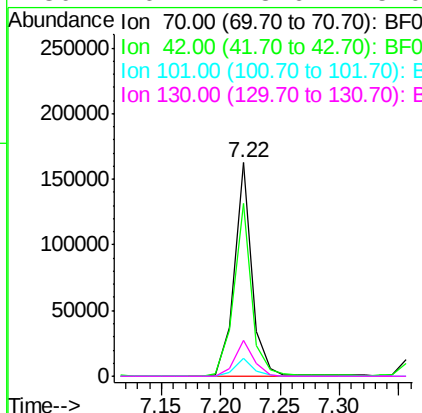
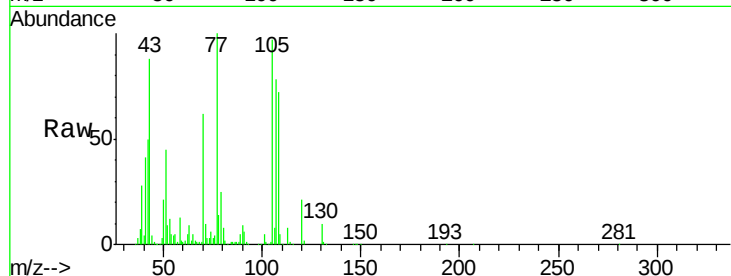




#19
n-Nitroso-di-n-propylamine
Concen: 28.58 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

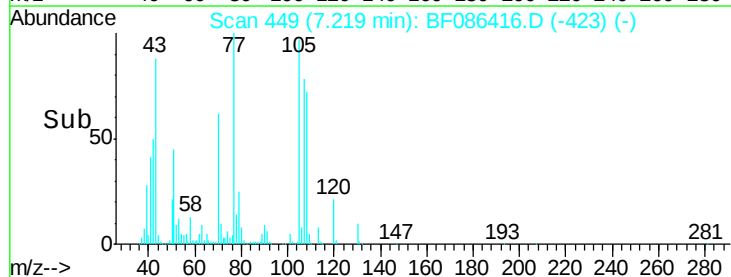
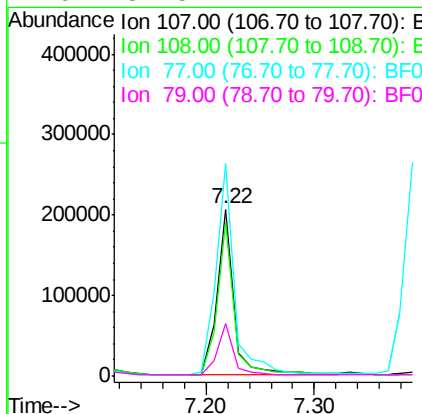
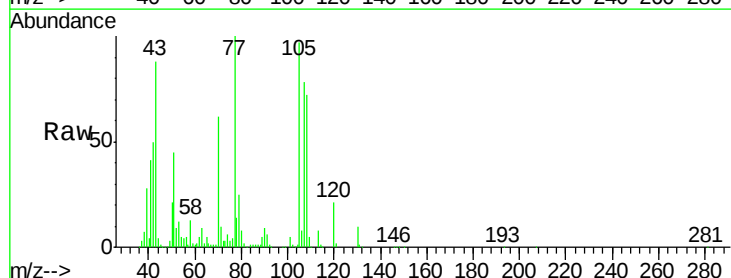
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

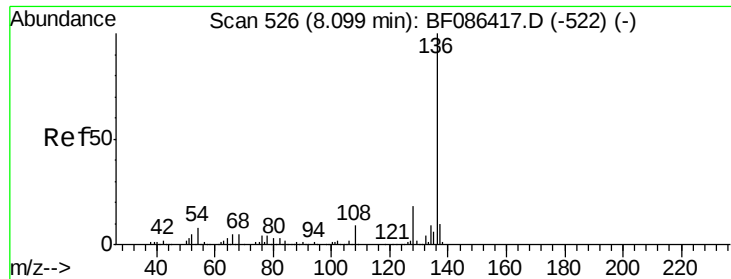
Tot Ion: 70 Resp: 168437
Ion Ratio Lower Upper
70 100
42 81.1 43.1 64.7#
101 8.5 8.1 12.1
130 16.7 18.6 28.0#



#20
3+4-Methylphenols
Concen: 29.30 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion: 107 Resp: 225386
Ion Ratio Lower Upper
107 100
108 92.0 68.5 108.5
77 127.8 101.6 141.6
79 31.5 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:136 Resp: 532383

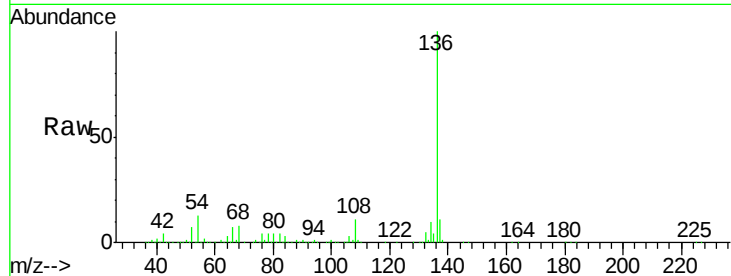
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 12.9 5.0 7.4#

68 7.9 4.4 6.6#

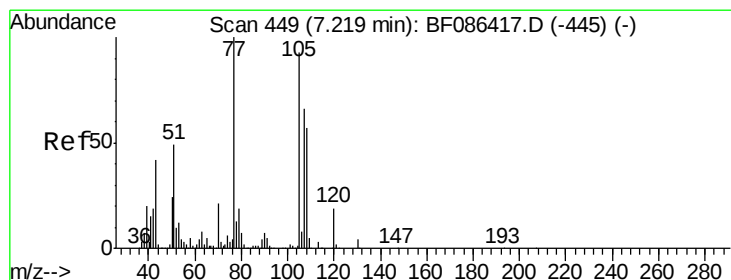
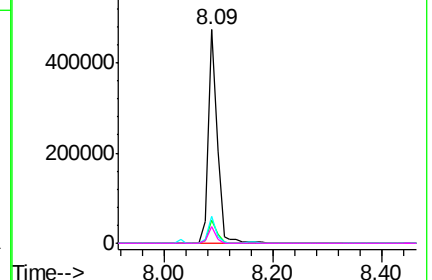
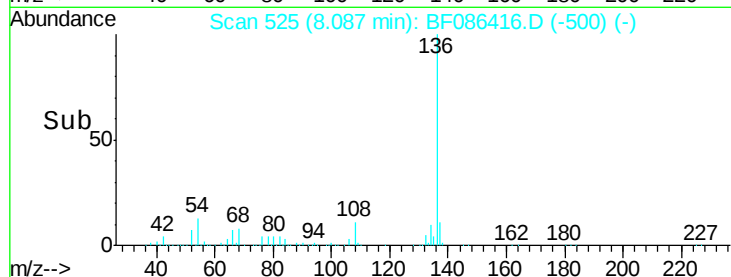


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.33 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion:105 Resp: 316391

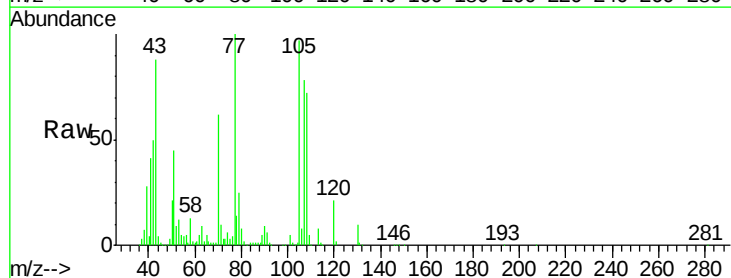
Ion Ratio Lower Upper

105 100

71 10.4 4.8 7.2#

51 46.6 32.6 49.0

120 21.3 16.5 24.7

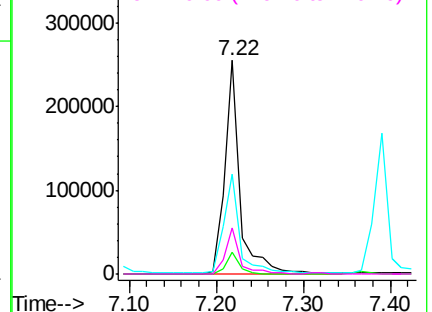
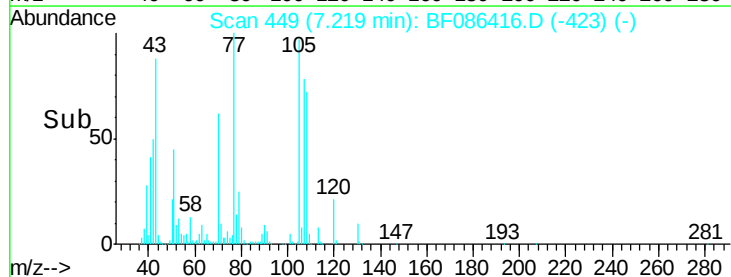


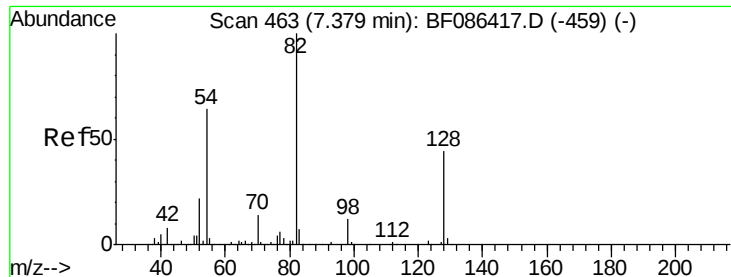
Abundance Ion 105.00 (104.70 to 105.70): E

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

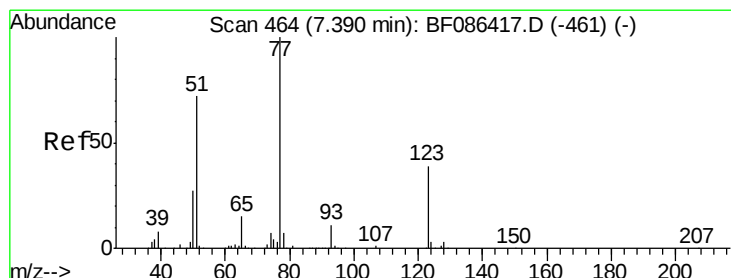
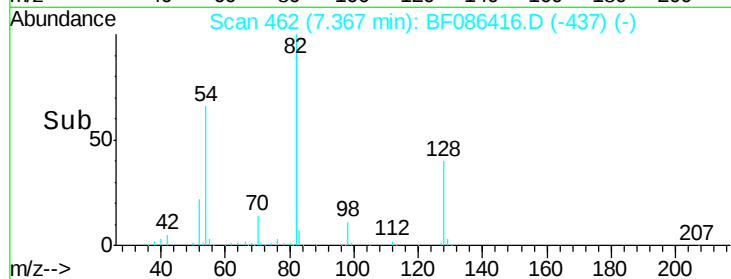
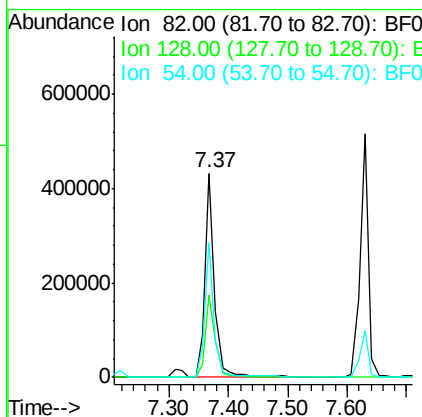
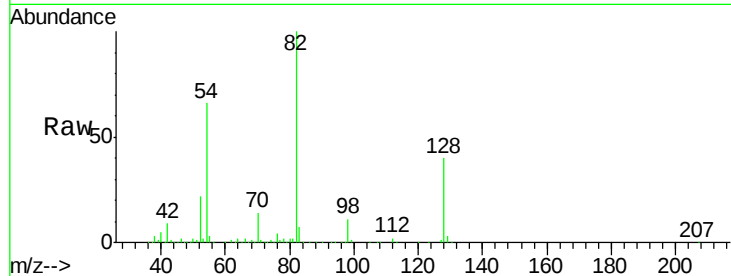




#23
 Nitrobenzene-d5
 Concen: 56.59 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

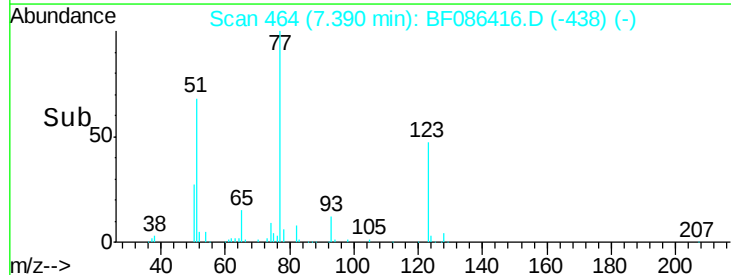
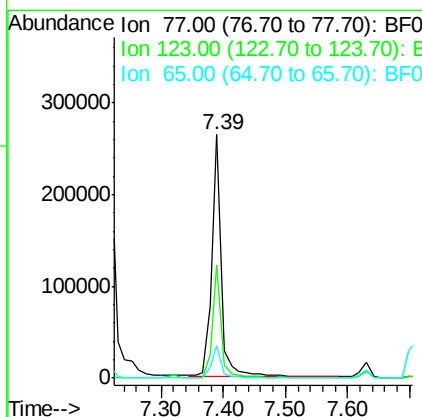
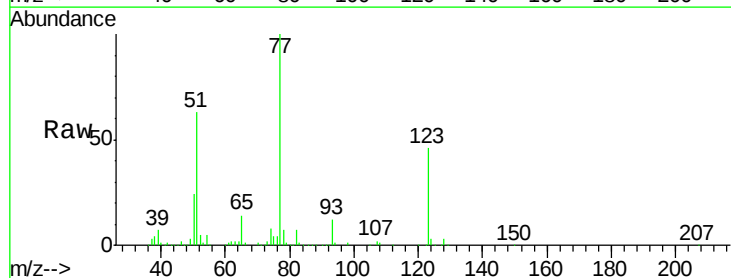
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

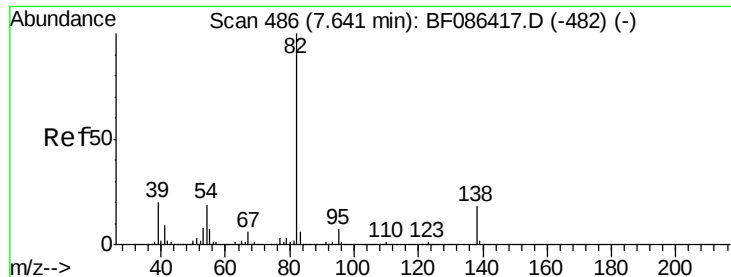
Tot Ion: 82 Resp: 508573
 Ion Ratio Lower Upper
 82 100
 128 40.1 40.6 61.0#
 54 66.2 38.1 57.1#



#24
 Nitrobenzene
 Concen: 29.63 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion: 77 Resp: 285605
 Ion Ratio Lower Upper
 77 100
 123 46.3 33.0 49.4
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 28.35 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

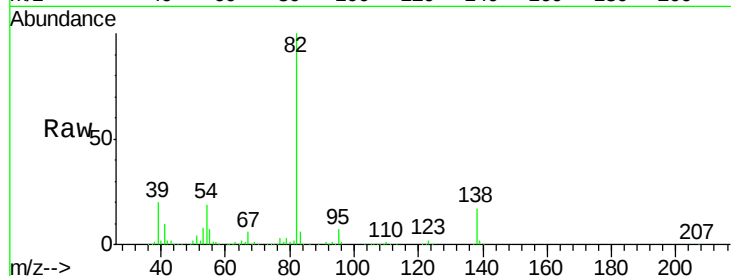
Tot Ion: 82 Resp: 499392

Ion Ratio Lower Upper

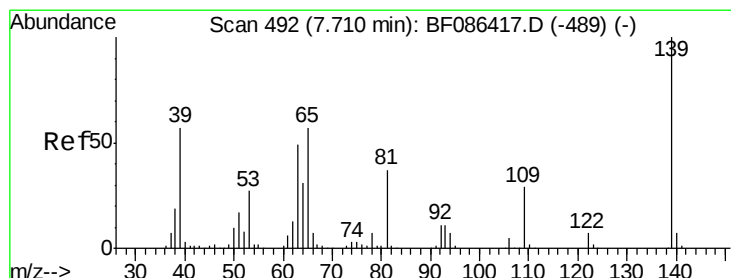
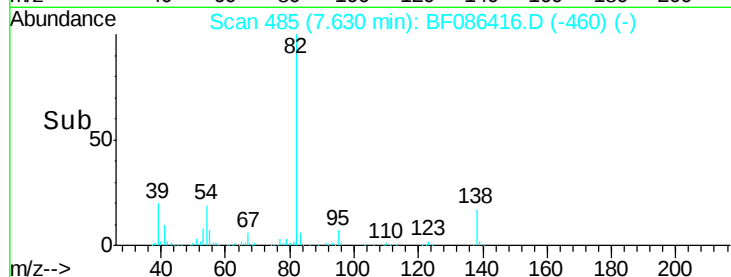
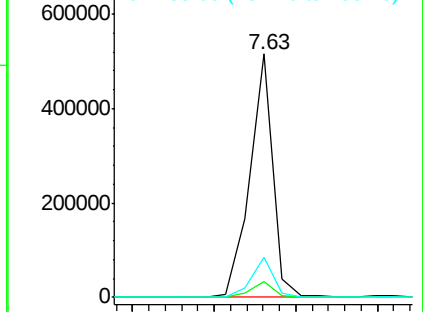
82 100

95 6.7 5.1 7.7

138 16.7 12.4 18.6



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



#26

2-Nitrophenol

Concen: 25.49 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

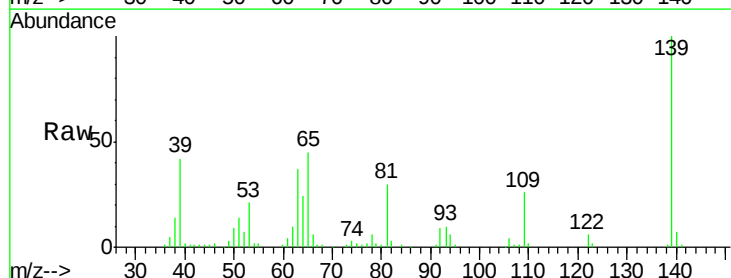
Tgt Ion: 139 Resp: 121385

Ion Ratio Lower Upper

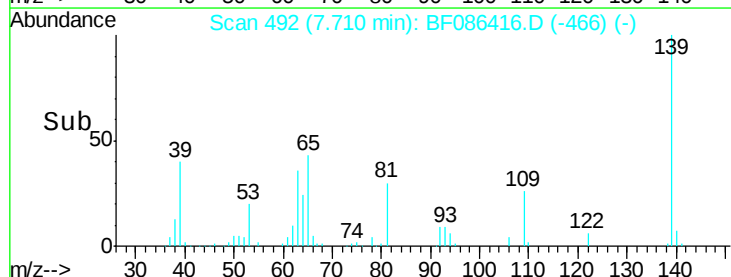
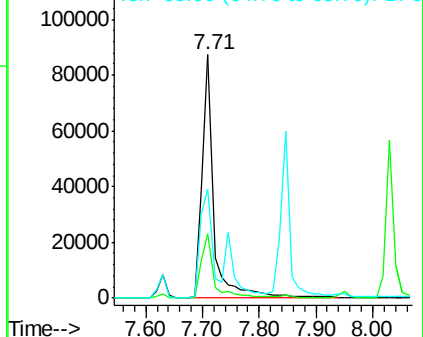
139 100

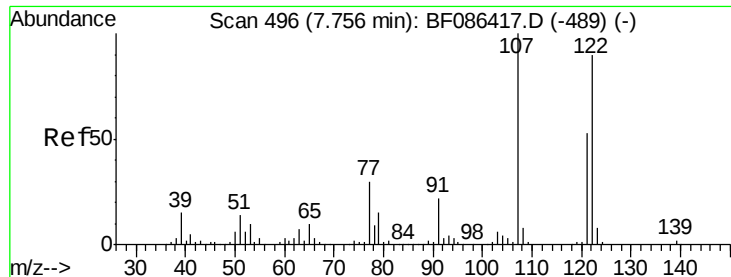
109 26.3 19.5 29.3

65 45.1 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 25.07 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

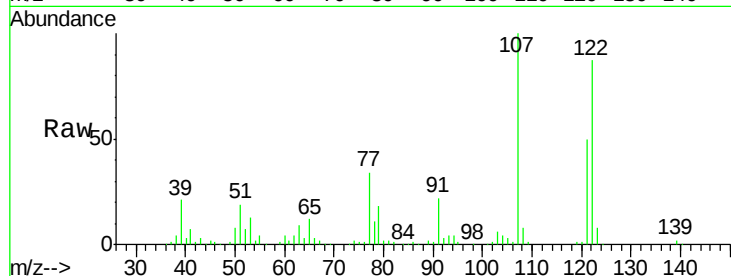
Tot Ion:122 Resp: 204490

Ion Ratio Lower Upper

122 100

107 114.7 82.0 123.0

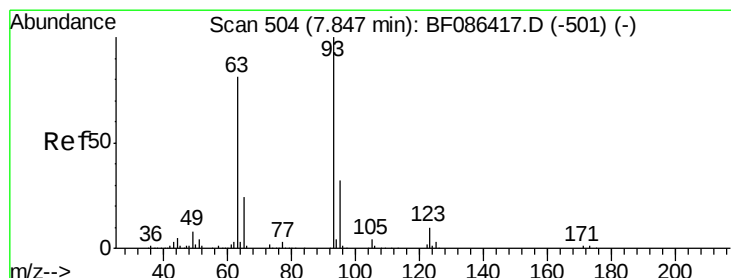
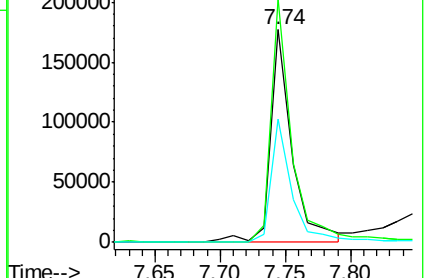
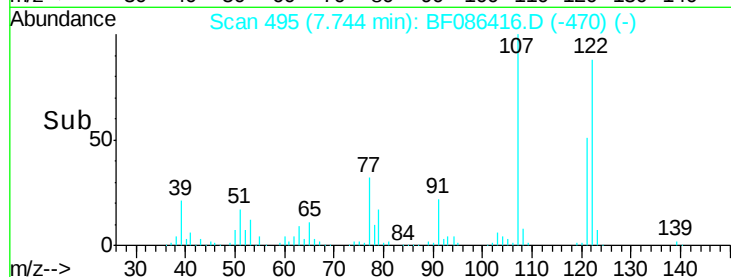
121 57.8 46.1 69.1



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: 29.32 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

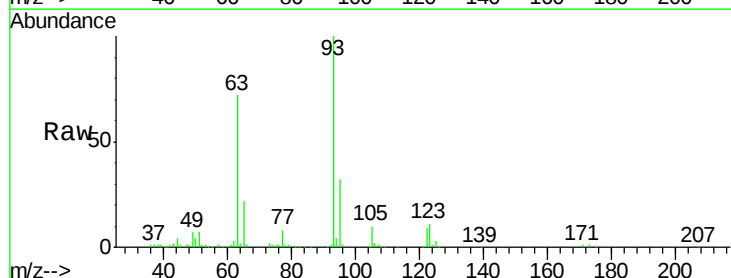
Tgt Ion: 93 Resp: 288339

Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

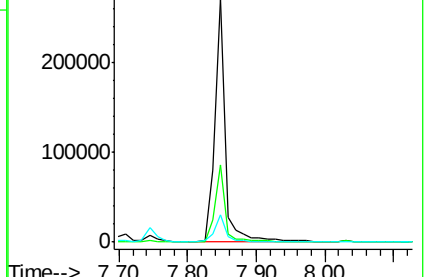
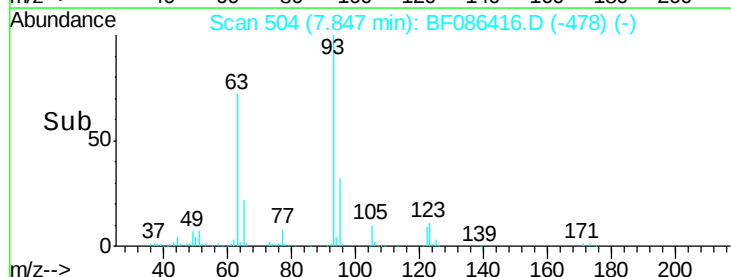
123 11.4 9.5 14.3

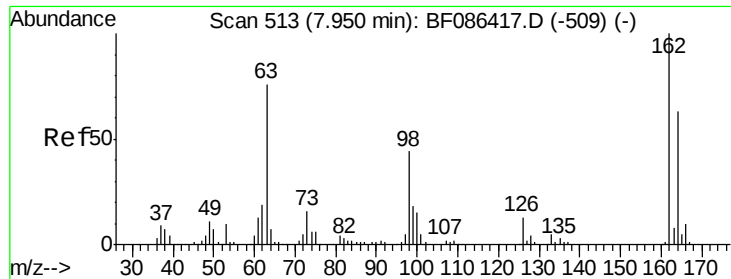


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

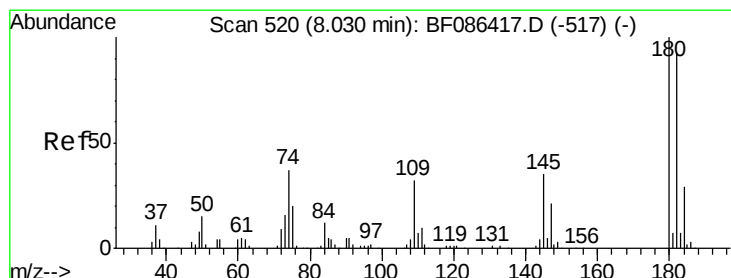
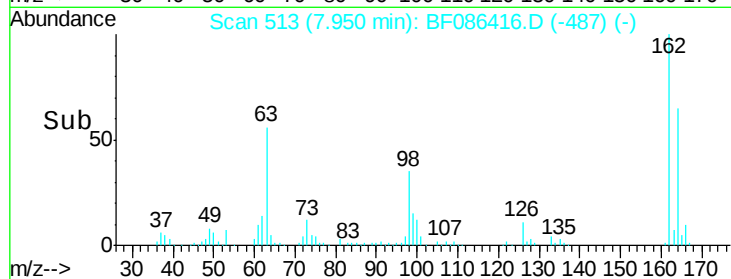
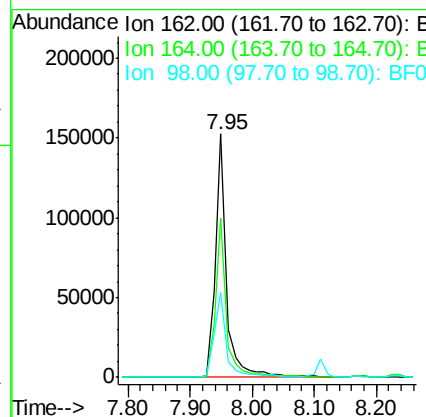
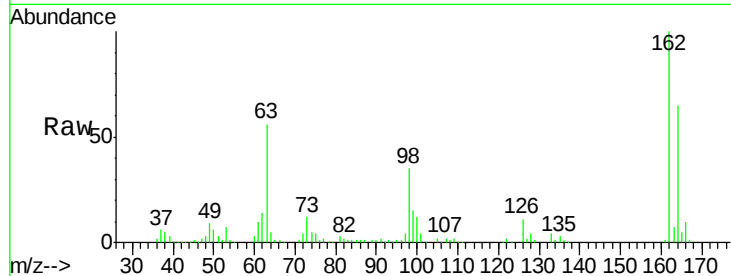




#29
2,4-Dichlorophenol
Concen: 28.25 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

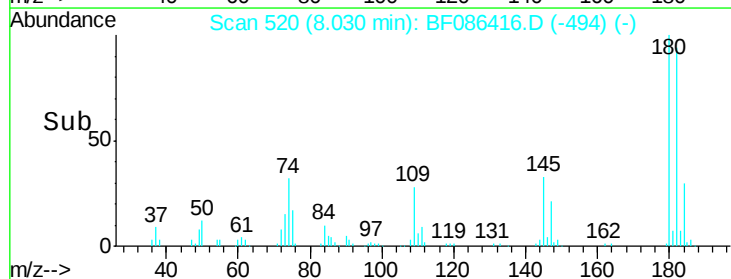
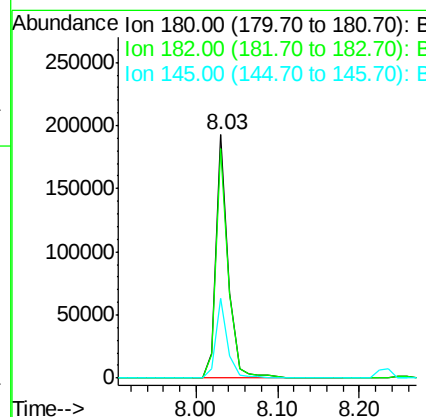
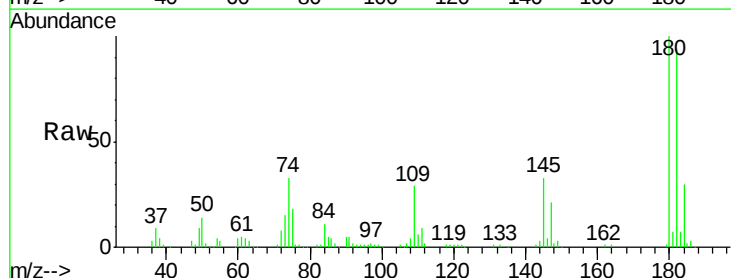
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

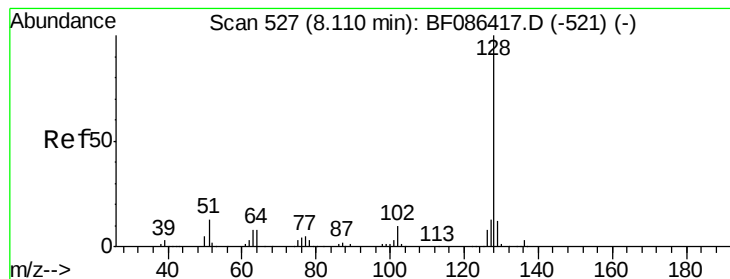
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.2	82.2
98	35.1	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 28.07 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.0	117.0
145	33.0	24.2	36.2





#31

Naphthalene

Concen: 26.72 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

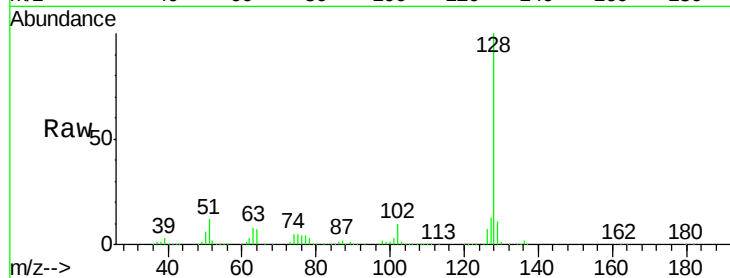
Tot Ion:128 Resp: 724774

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

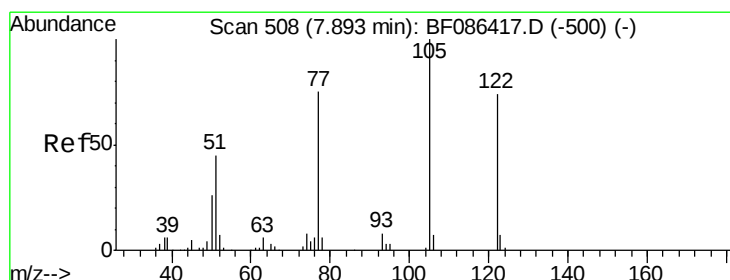
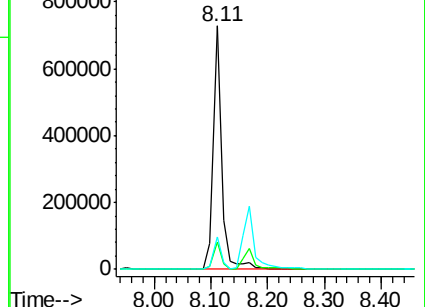
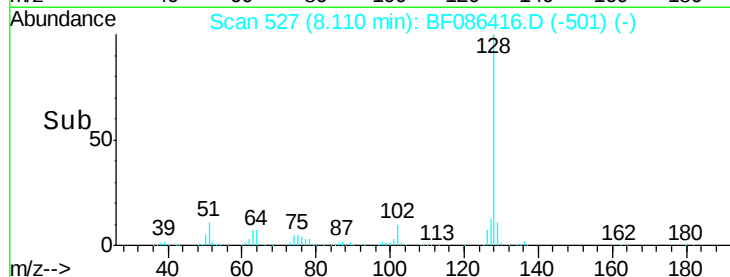
127 13.5 10.8 16.2



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: 16.70 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

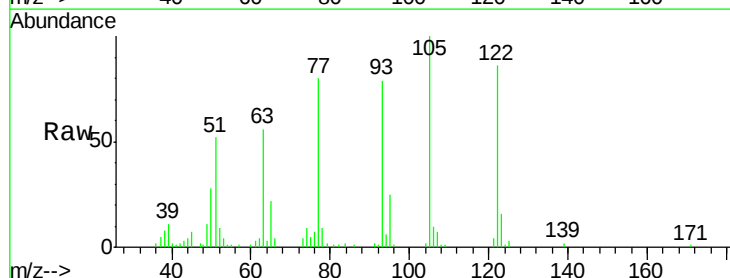
Tgt Ion:122 Resp: 87084

Ion Ratio Lower Upper

122 100

105 116.0 92.6 132.6

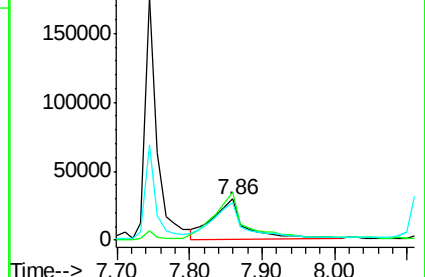
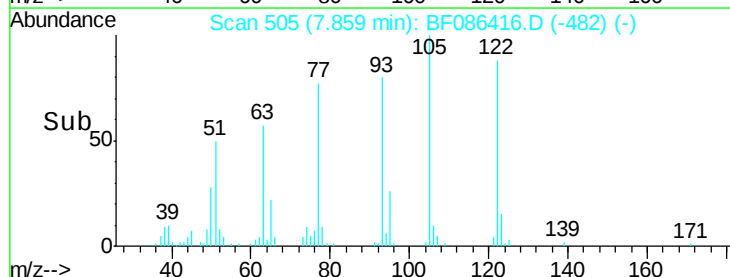
77 92.7 60.0 100.0

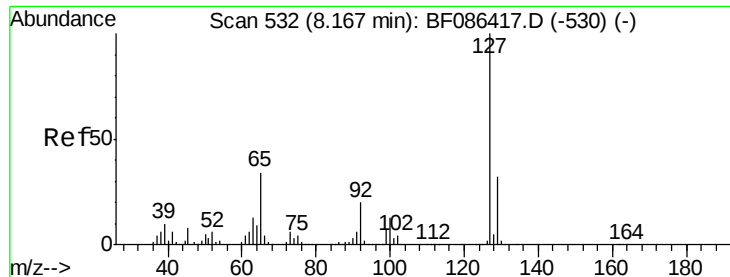


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

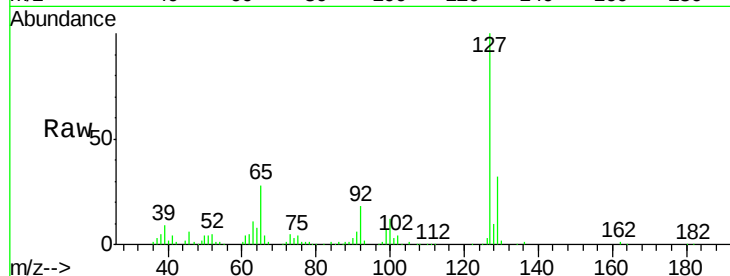




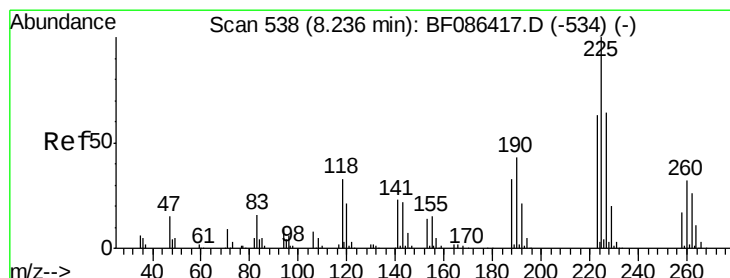
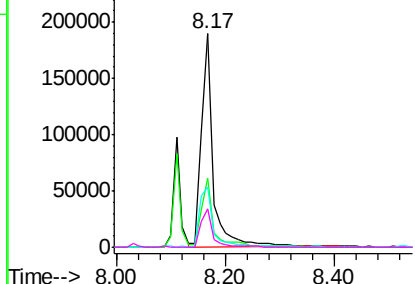
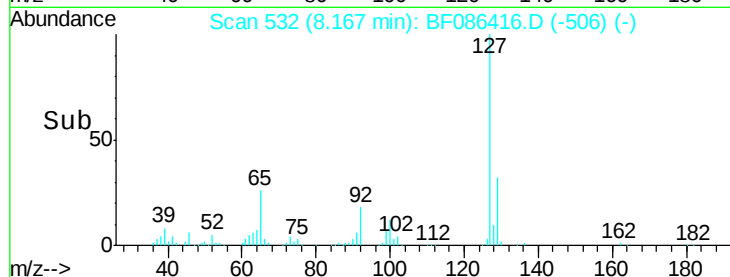
#33
4-Chloroaniline
Concen: 26.29 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:127	Resp:	277753	
Ion Ratio	Lower	Upper	
127 100			
129 32.4	26.2	39.4	
65 28.0	23.0	34.4	
92 17.7	15.1	22.7	

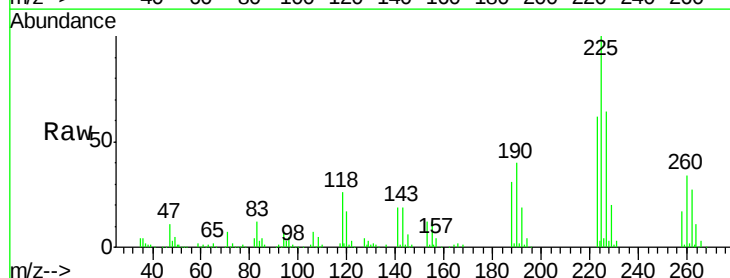


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

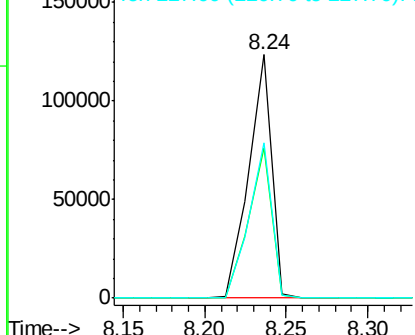
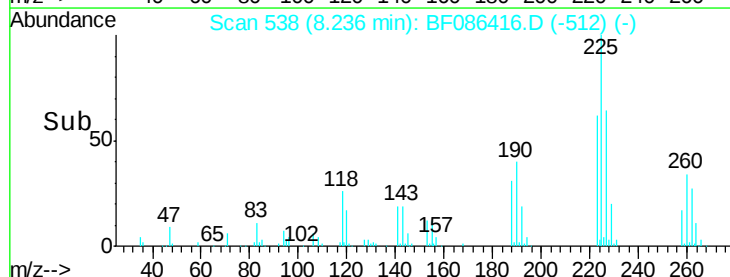


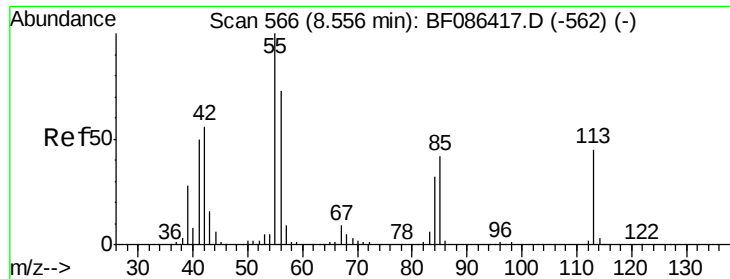
#34
Hexachlorobutadiene
Concen: 33.01 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt	Ion:225	Resp:	120722
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.5	77.3
227	64.0	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: 24.54 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

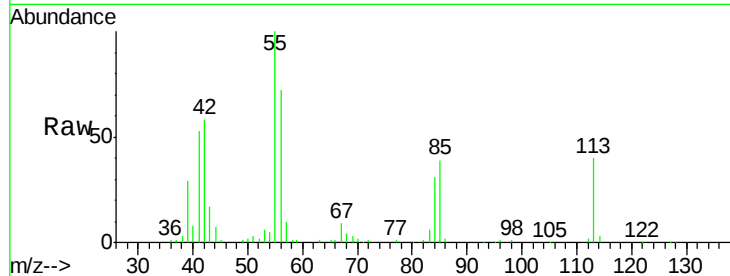
Tot Ion:113 Resp: 59369

Ion Ratio Lower Upper

113 100

55 251.1 162.0 202.0#

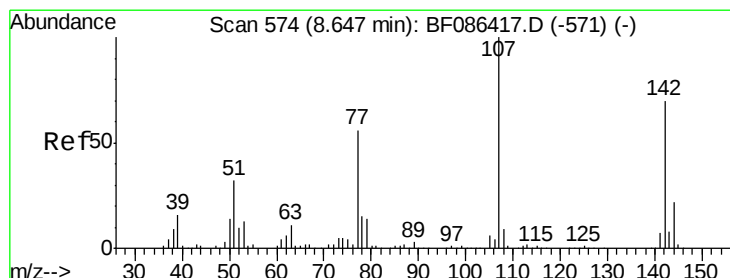
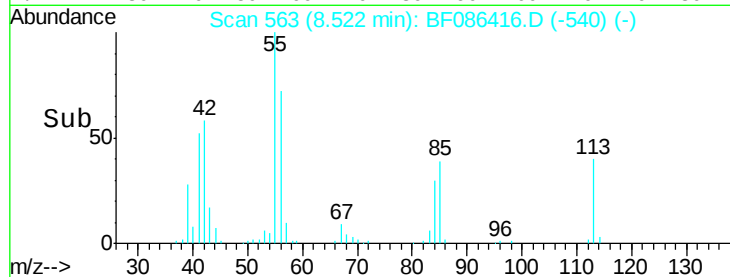
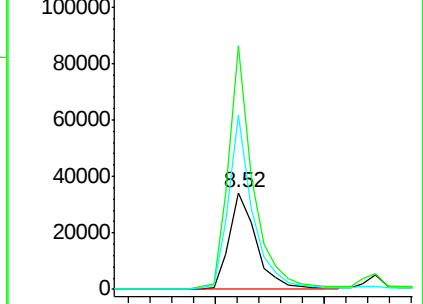
56 180.5 115.3 155.3#



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: 27.70 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

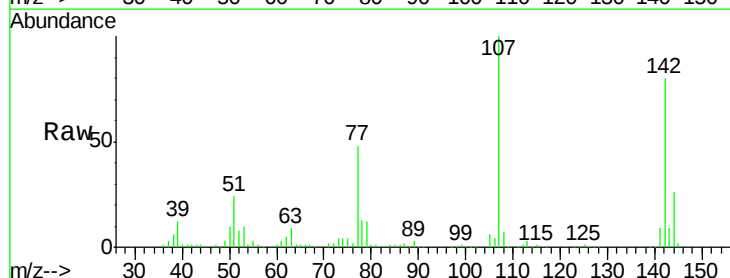
Tgt Ion:107 Resp: 221927

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

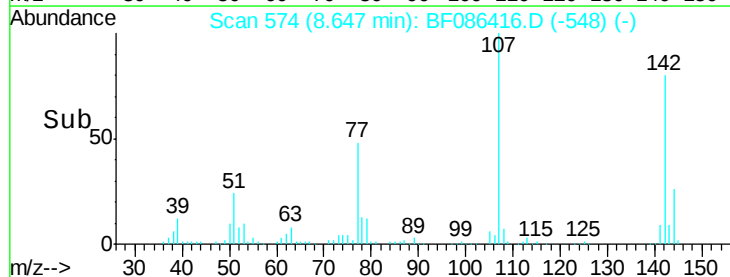
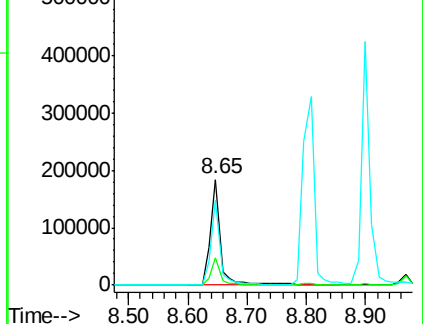
142 80.2 63.2 94.8

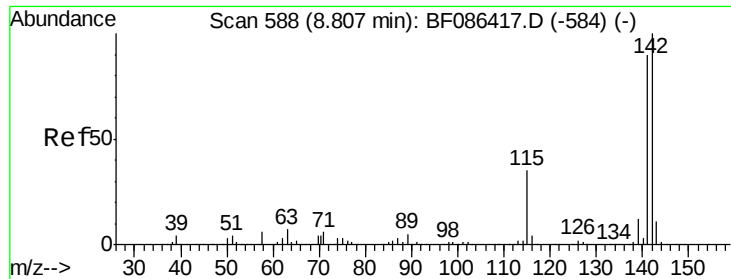


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

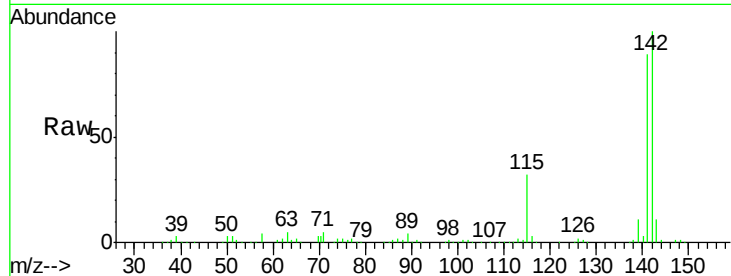




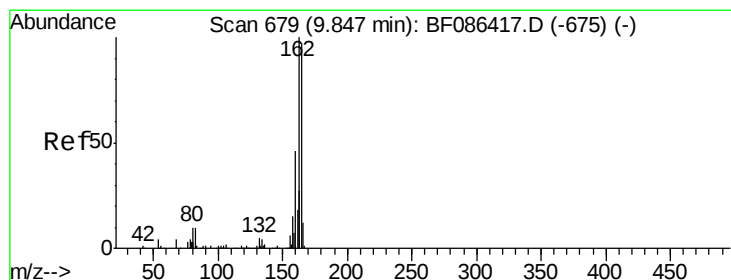
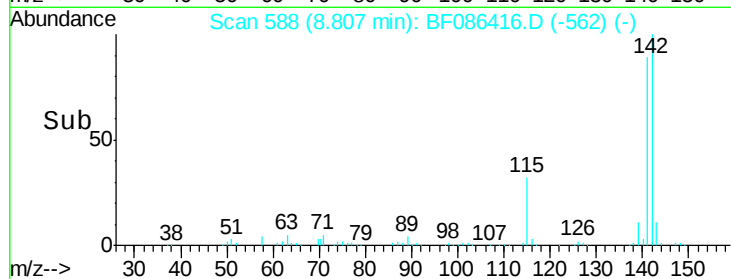
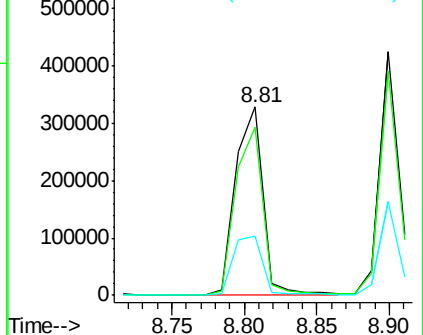
#37
2-Methylnaphthalene
Concen: 27.66 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:142 Resp: 432616
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 31.5 26.6 39.8

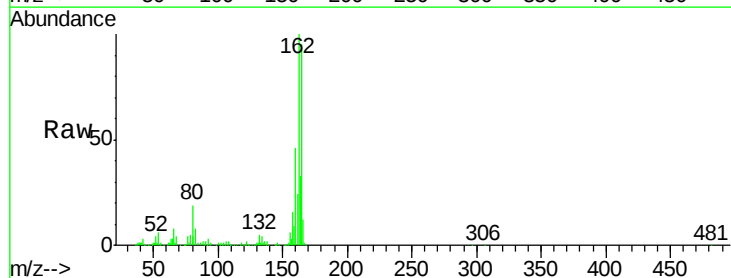


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

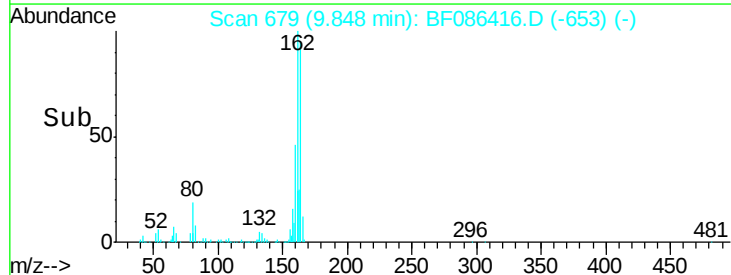
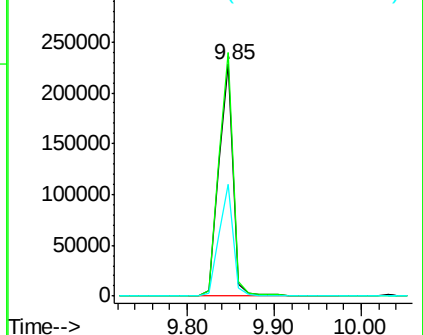


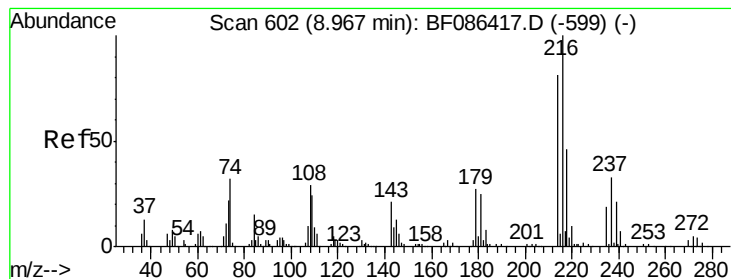
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion:164 Resp: 267053
Ion Ratio Lower Upper
164 100
162 105.0 82.8 124.2
160 48.3 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.69 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:216 Resp: 191287

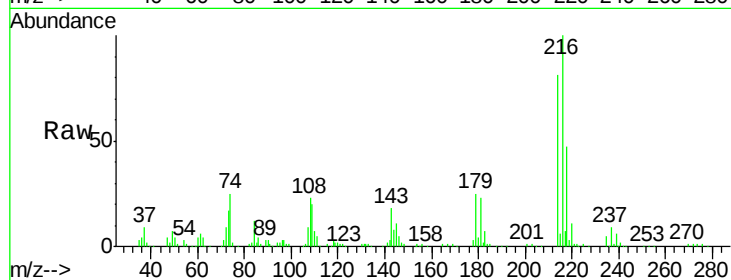
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 23.2 18.2 27.4

108 23.7 17.5 26.3

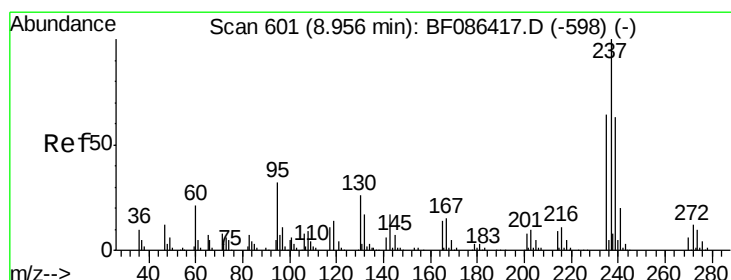
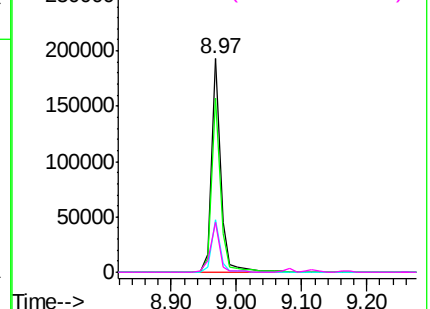
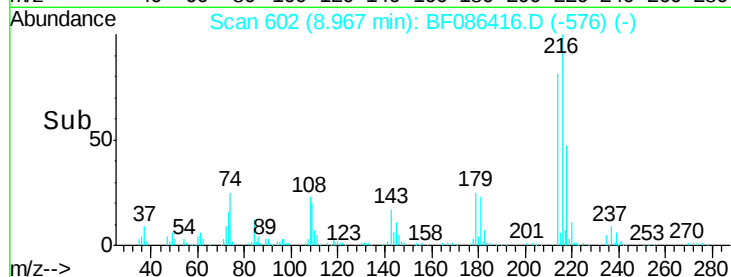


Abundance Ion 216.00 (215.70 to 216.70): E

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: 27.47 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

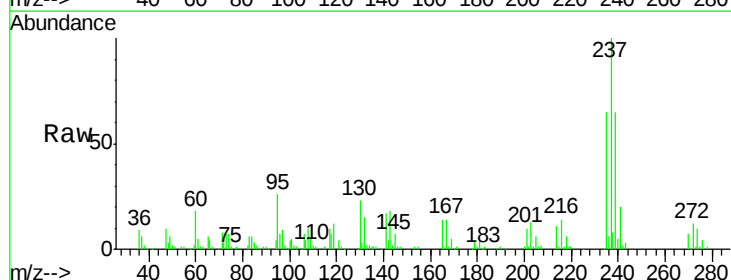
Tgt Ion:237 Resp: 92701

Ion Ratio Lower Upper

237 100

235 64.9 47.2 87.2

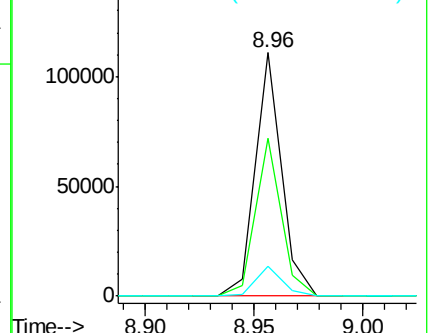
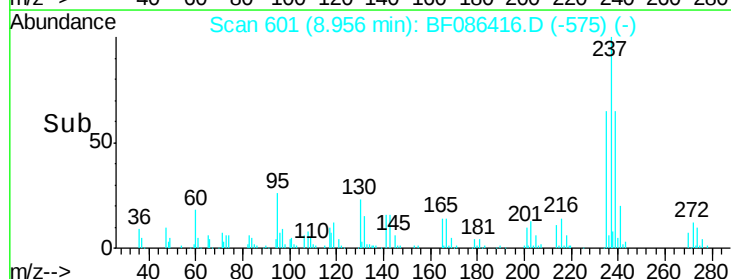
272 12.5 0.0 31.1

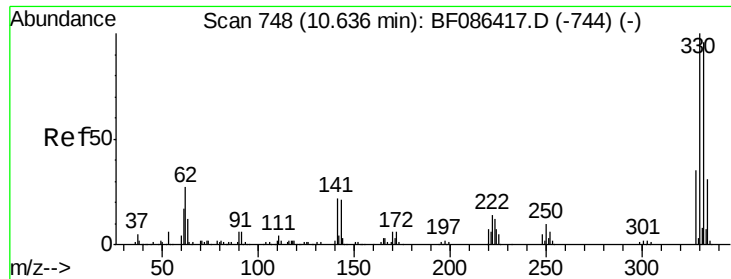


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

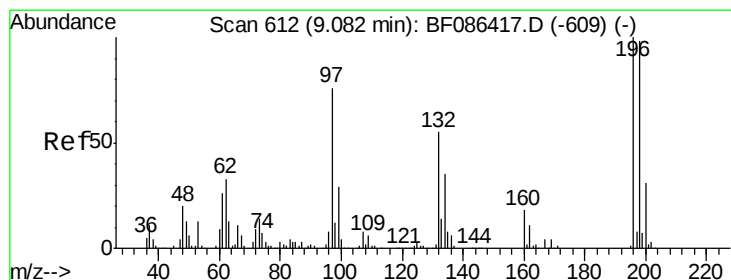
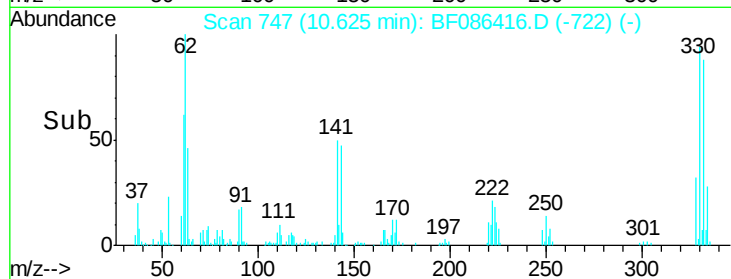
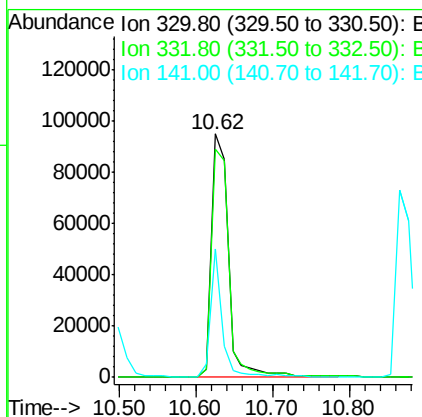
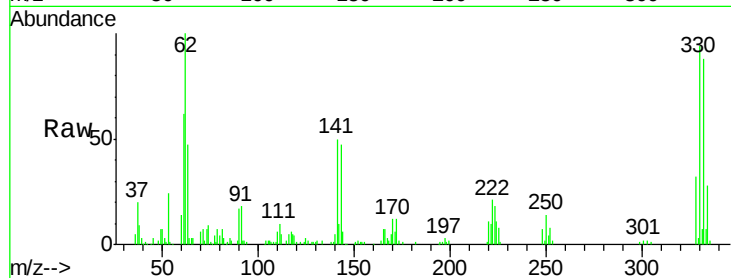




#41
 2,4,6-Tribromophenol
 Concen: 60.35 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

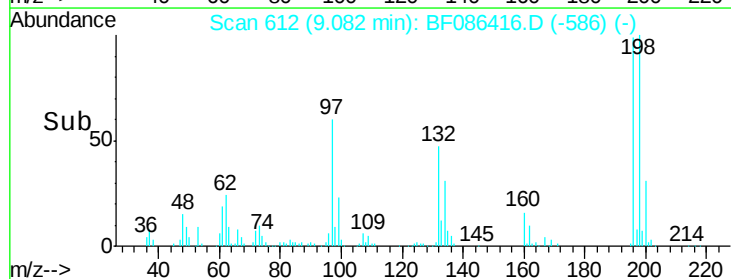
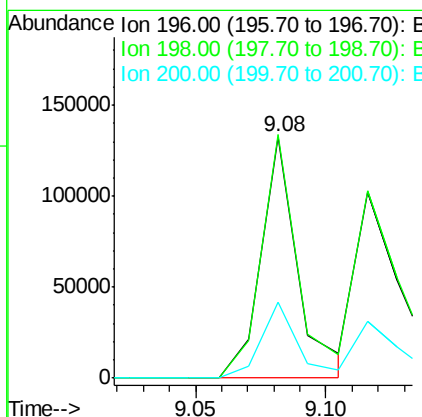
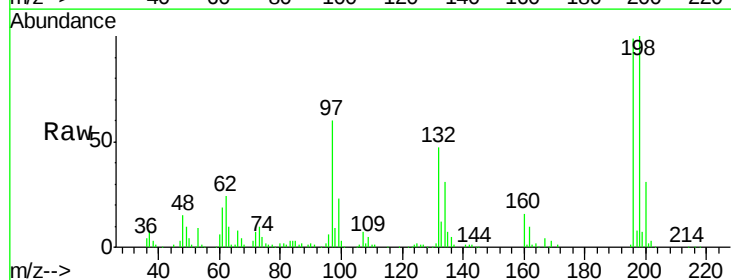
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

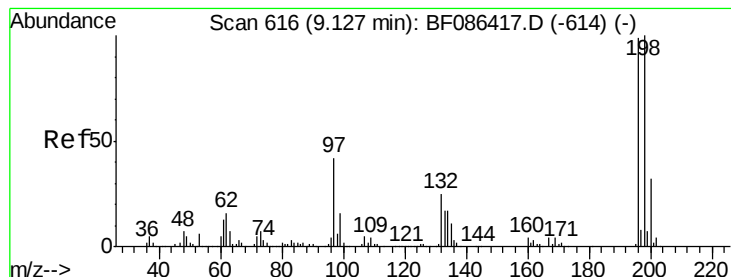
Tot Ion:330 Resp: 145893
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 37.0 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 28.87 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:196 Resp: 130768
 Ion Ratio Lower Upper
 196 100
 198 100.9 74.7 112.1
 200 31.7 23.8 35.6





#43

2,4,5-Trichlorophenol

Concen: 23.25 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:196 Resp: 129658

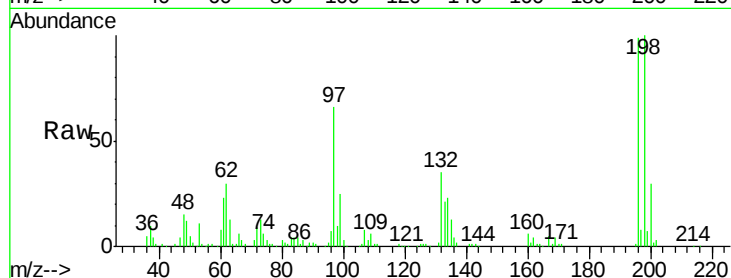
Ion Ratio Lower Upper

196 100

198 100.8 77.5 116.3

97 66.8 34.8 52.2#

132 35.0 23.0 34.4#



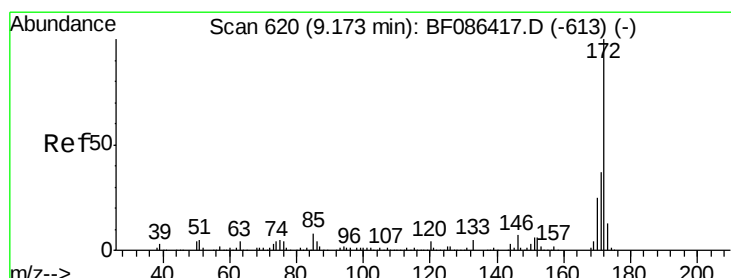
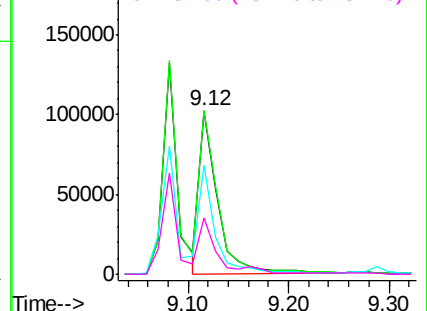
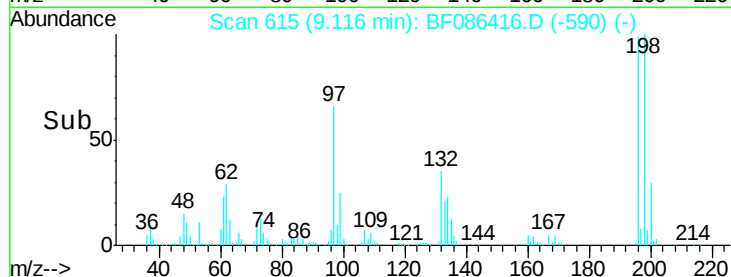
Abundance

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: 57.55 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

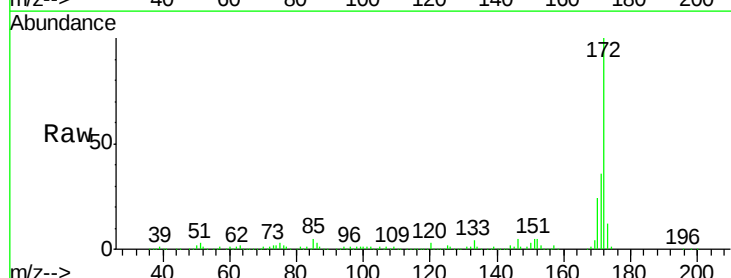
Tgt Ion:172 Resp: 900694

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 24.0 19.8 29.8

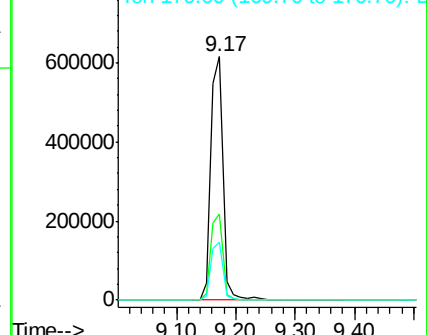
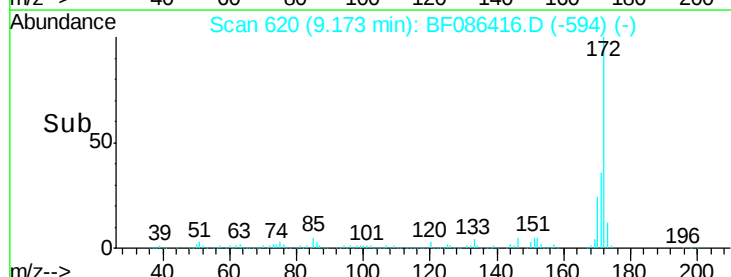


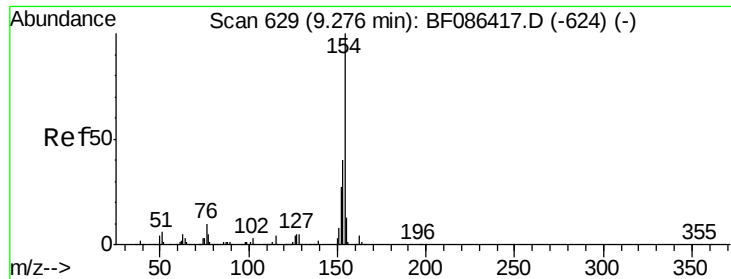
Abundance

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: 27.10 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

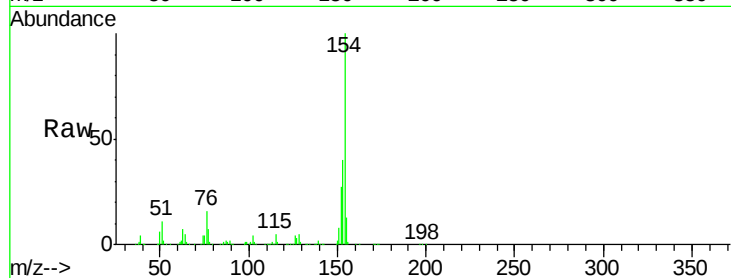
Tot Ion:154 Resp: 561486

Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

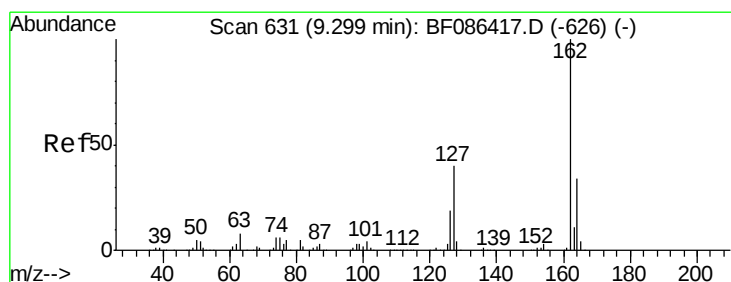
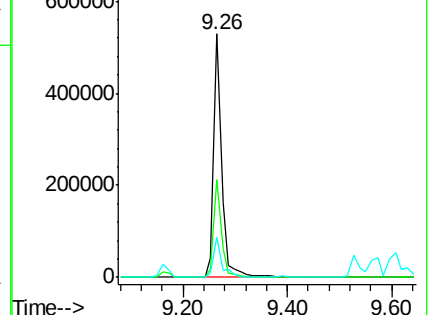
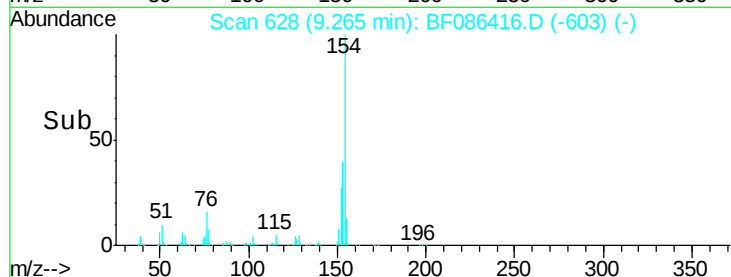
76 16.3 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 25.81 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

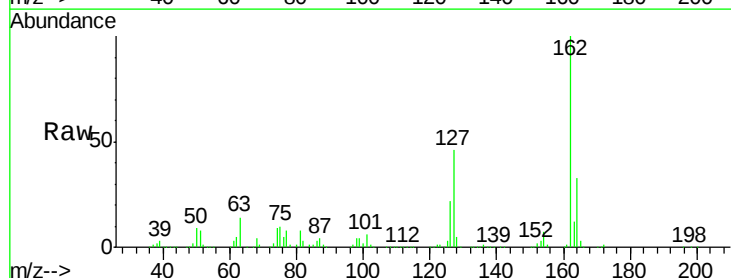
Tgt Ion:162 Resp: 423254

Ion Ratio Lower Upper

162 100

127 45.7 31.8 47.6

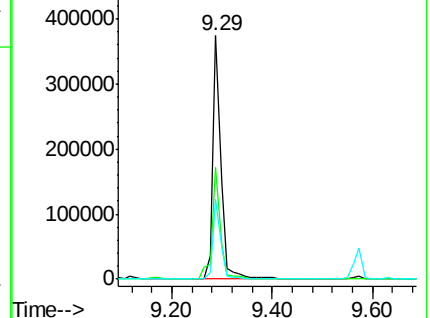
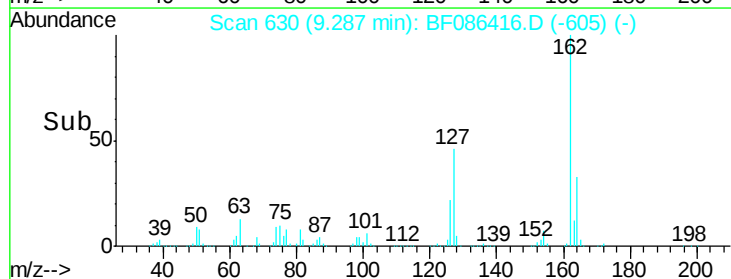
164 32.5 27.0 40.6

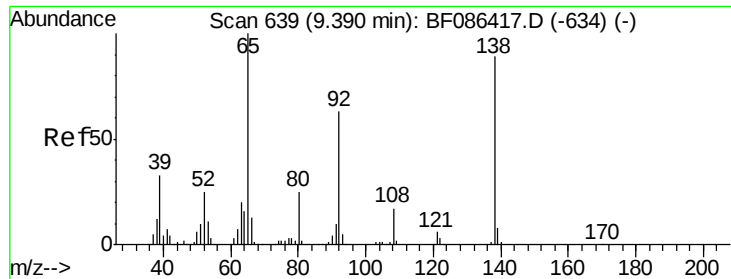


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

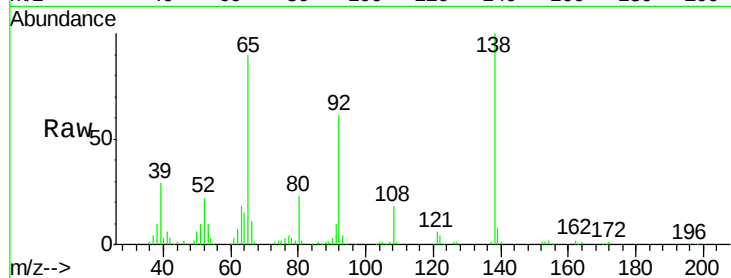




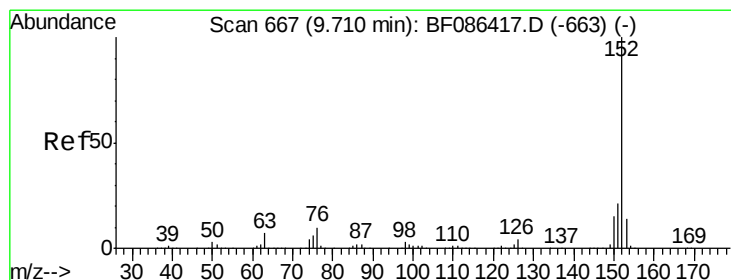
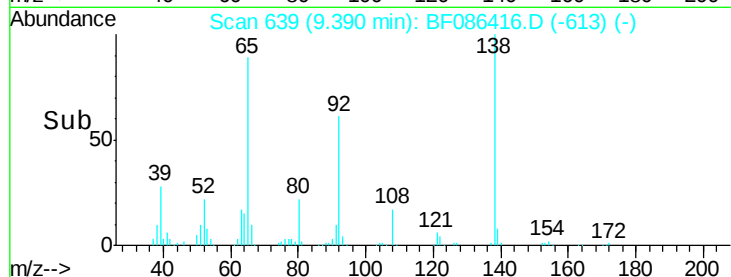
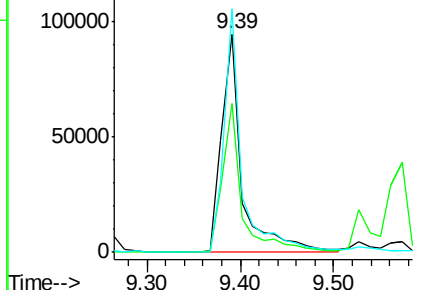
#47
2-Nitroaniline
Concen: 28.17 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion: 65 Resp: 143845
Ion Ratio Lower Upper
65 100
92 68.4 57.4 86.2
138 111.6 90.1 135.1

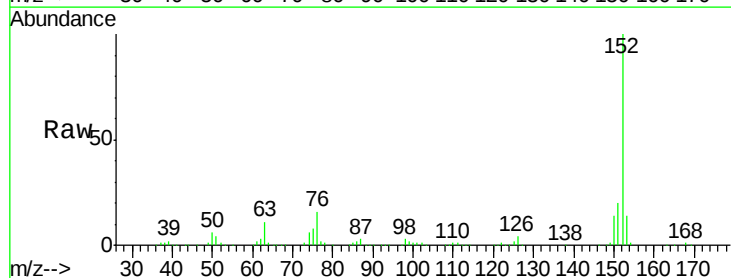


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

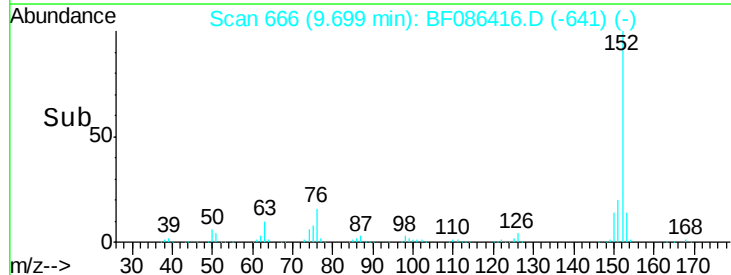
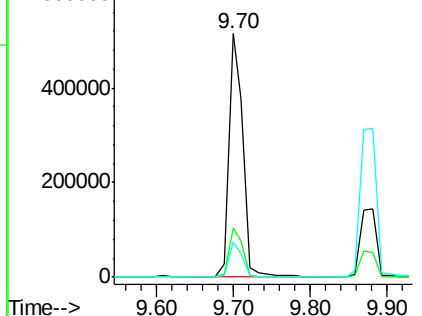


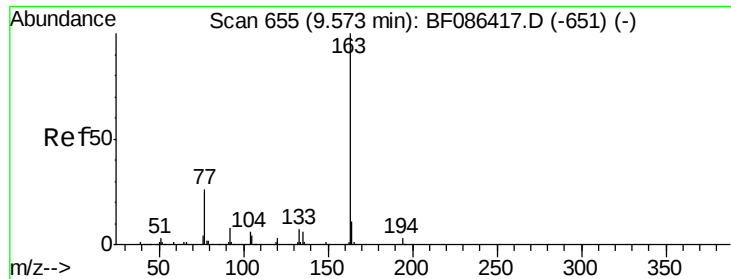
#48
Acenaphthylene
Concen: 25.13 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion: 152 Resp: 668285
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 14.3 10.9 16.3



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

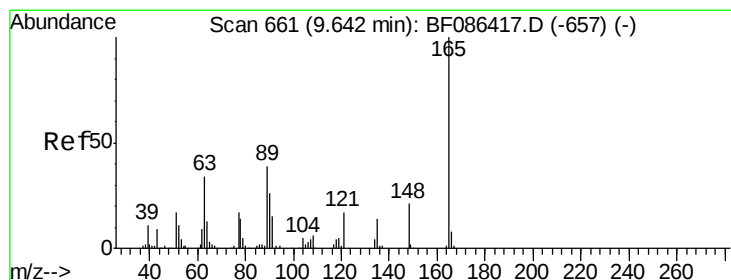
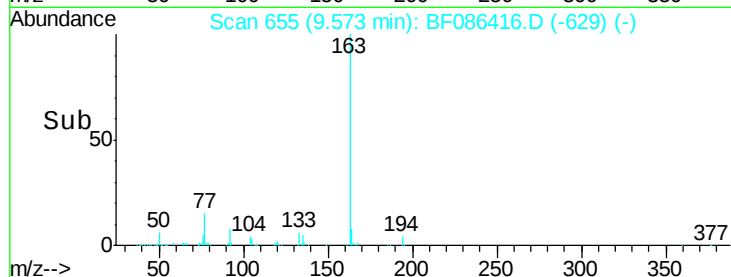
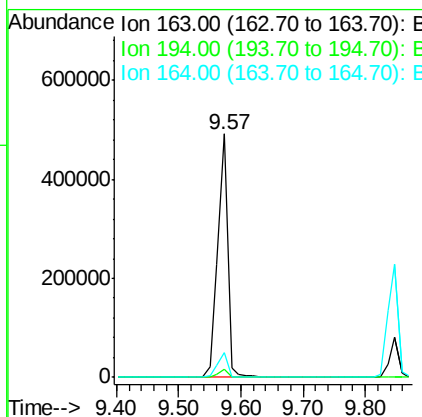
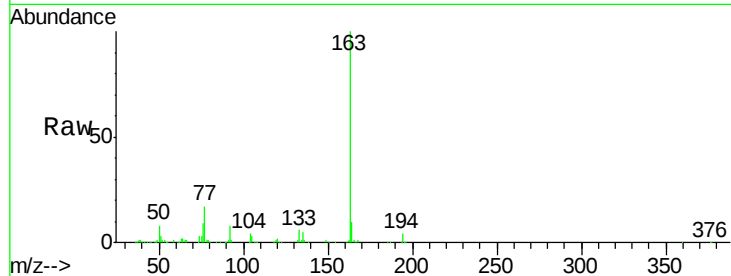




#49
Dimethylphthalate
Concen: 27.80 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

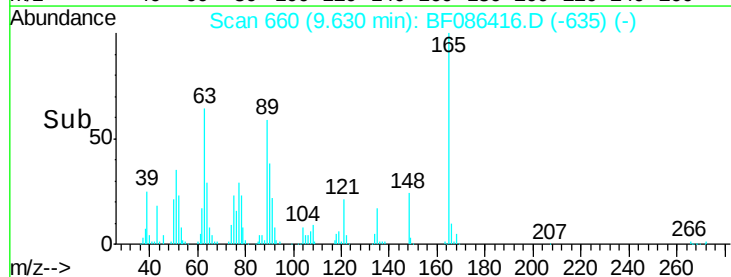
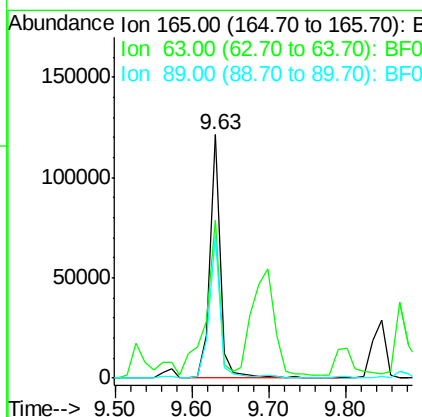
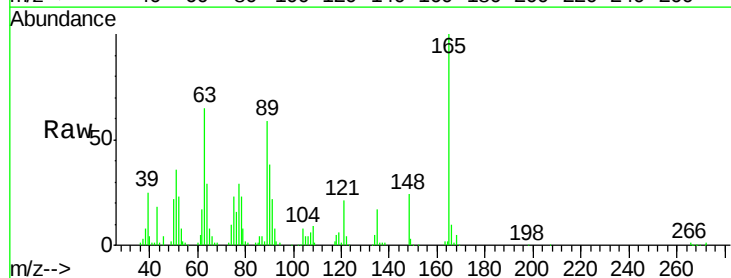
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

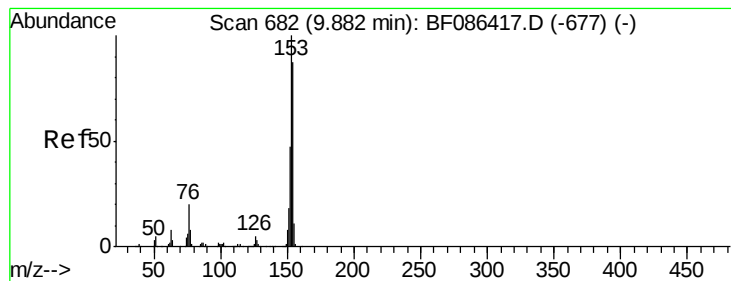
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 27.61 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.7	51.8	77.8
89	58.7	50.7	76.1





#51

Acenaphthene

Concen: 26.43 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

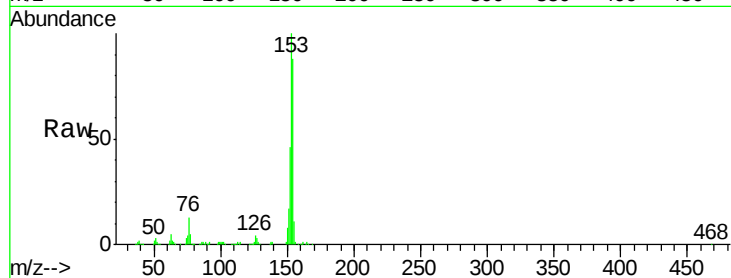
Tot Ion:154 Resp: 431731

Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.6

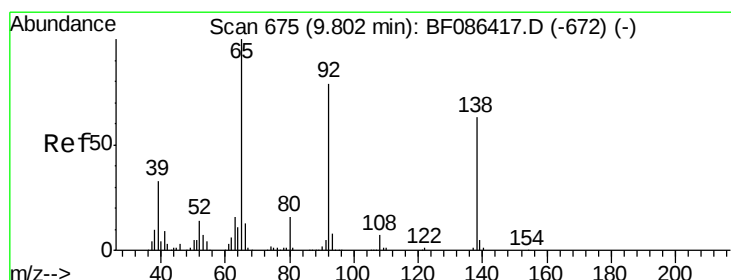
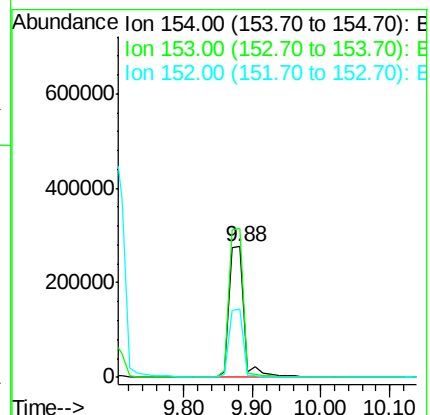
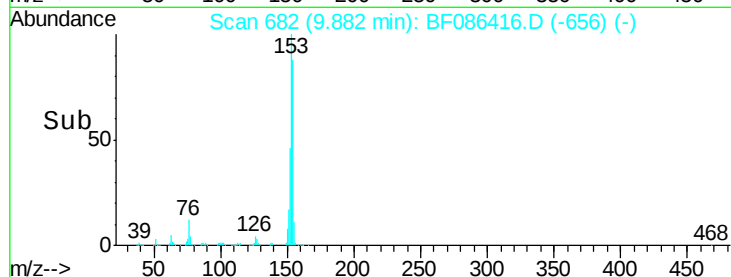
152 52.2 43.4 65.0



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: 24.10 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

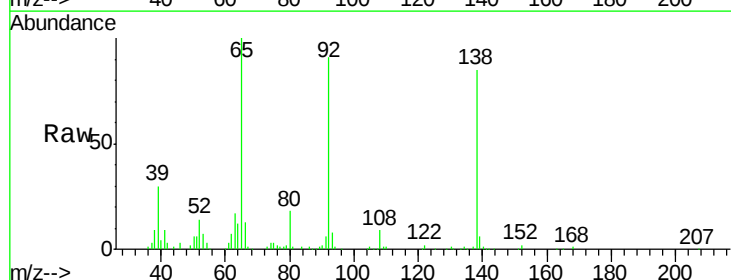
Tgt Ion:138 Resp: 125750

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

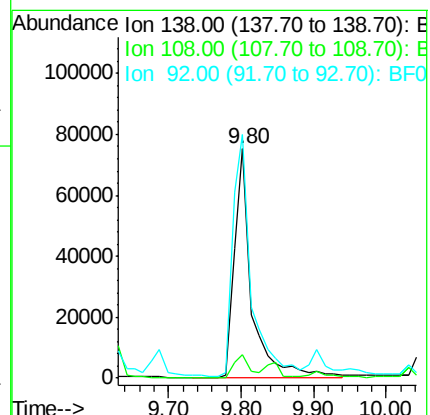
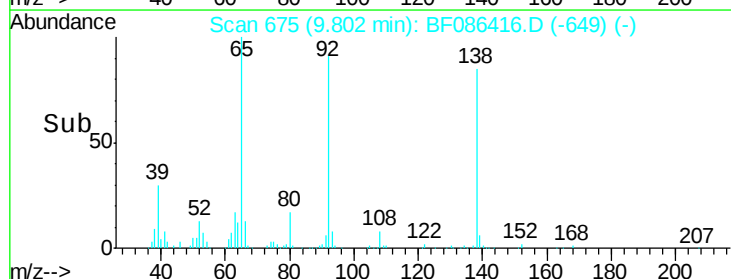
92 106.3 87.8 131.8

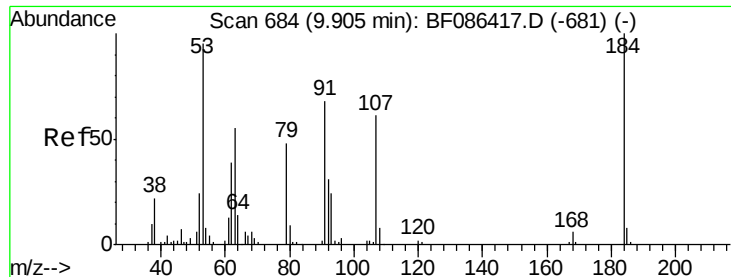


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

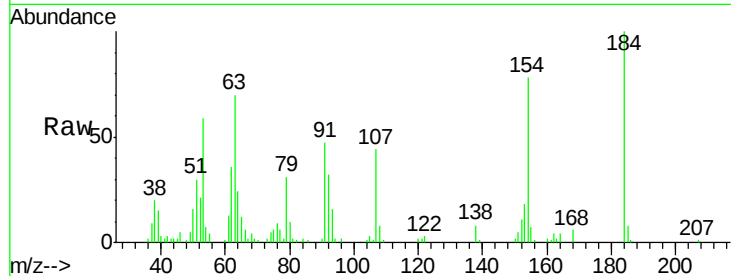




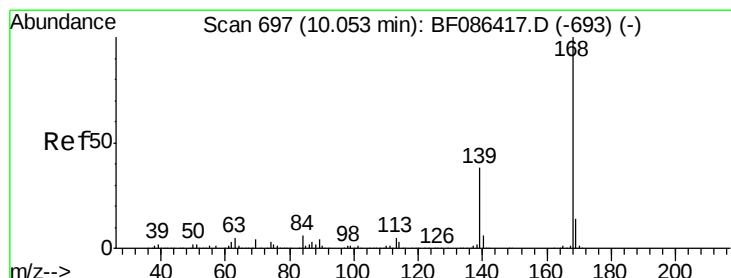
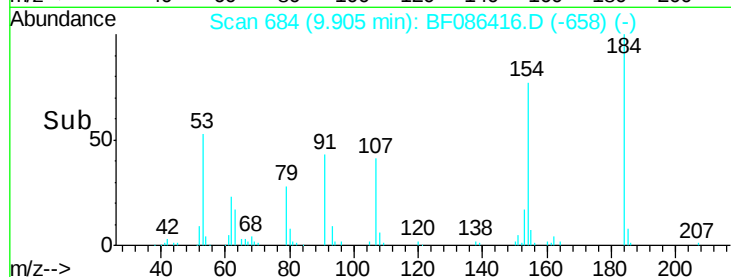
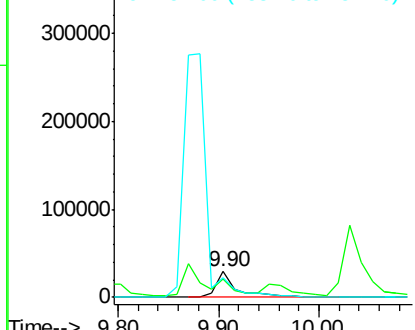
#53
2,4-Dinitrophenol
Concen: 19.74 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:184 Resp: 42778
Ion Ratio Lower Upper
184 100
63 70.2 55.8 83.8
154 77.7 62.4 93.6

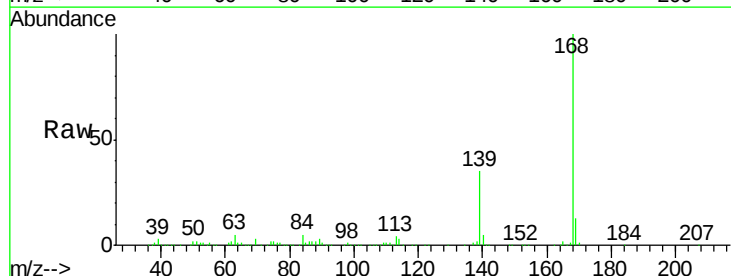


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

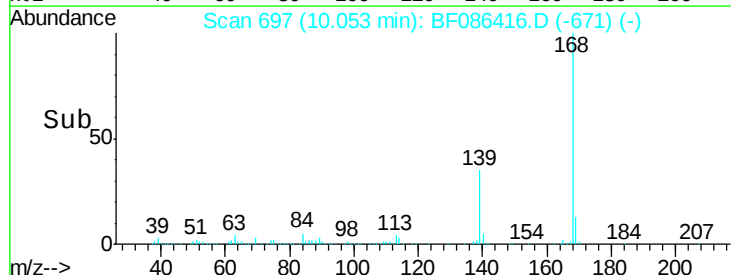
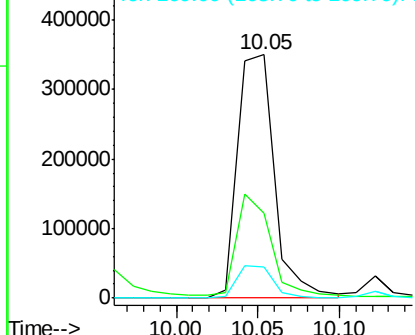


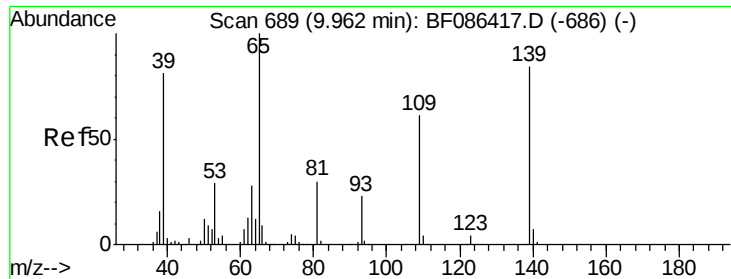
#54
Dibenzofuran
Concen: 26.03 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion:168 Resp: 545945
Ion Ratio Lower Upper
168 100
139 34.7 31.4 47.0
169 12.8 10.7 16.1



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

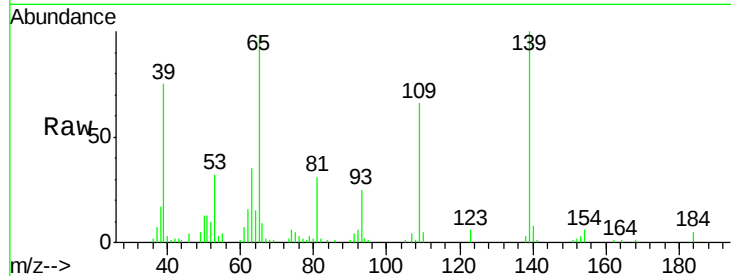




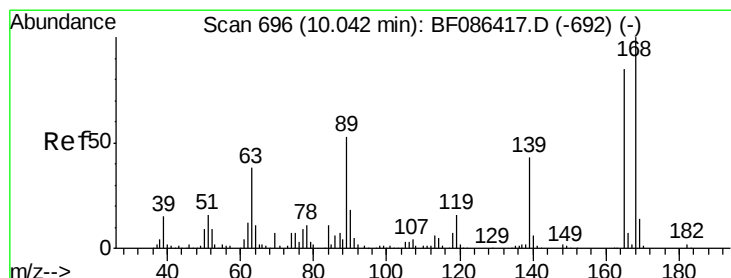
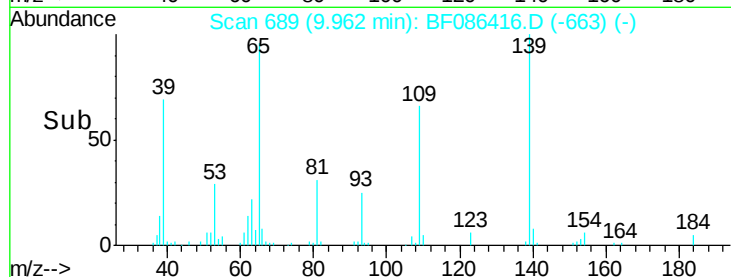
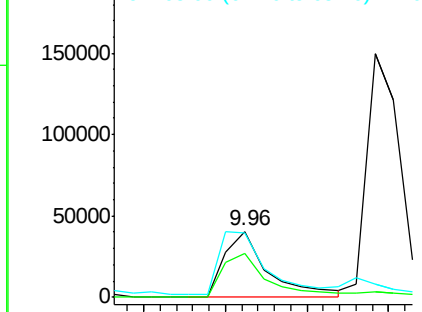
#55
4-Nitrophenol
Concen: 20.78 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:139 Resp: 75850
Ion Ratio Lower Upper
139 100
109 65.9 36.9 76.9
65 98.2 64.0 104.0

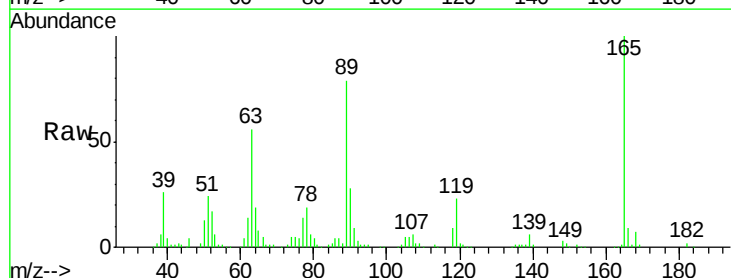


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

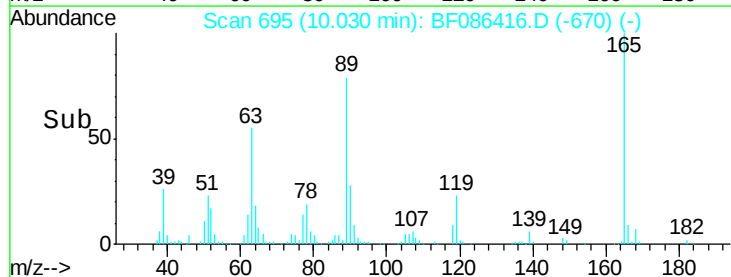
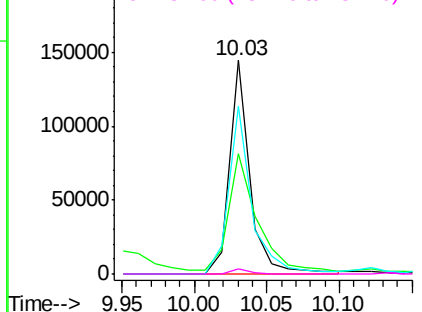


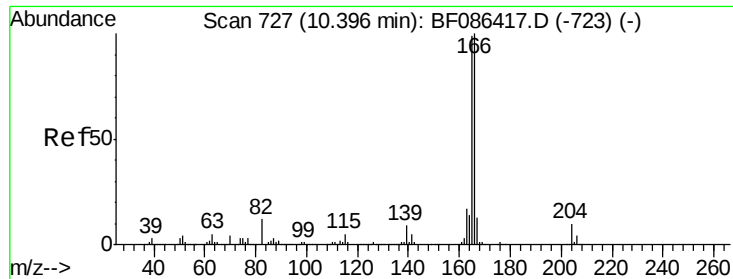
#56
2,4-Dinitrotoluene
Concen: 25.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion:165 Resp: 141340
Ion Ratio Lower Upper
165 100
63 56.2 44.3 66.5
89 78.8 70.0 105.0
182 2.2 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

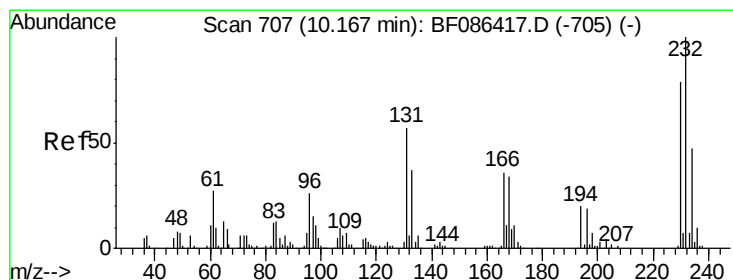
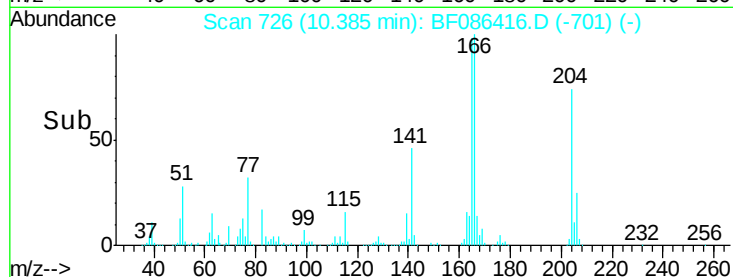
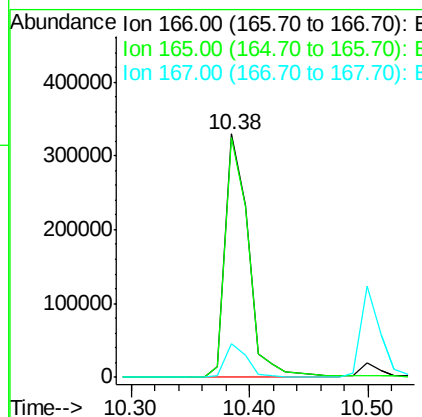
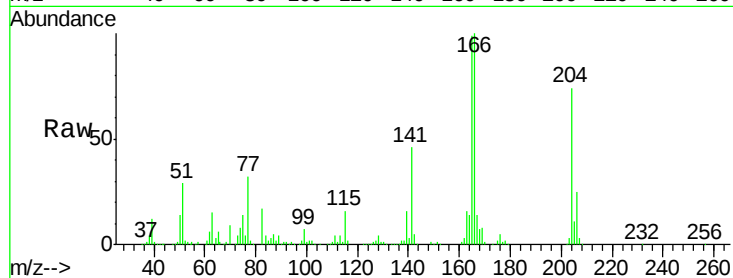




#57
Fluorene
 Concen: 25.90 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

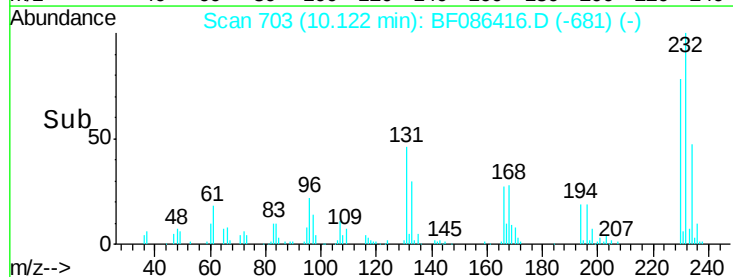
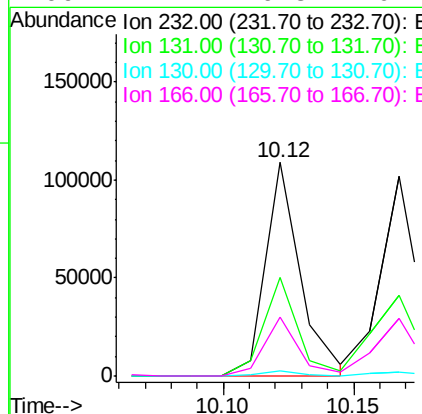
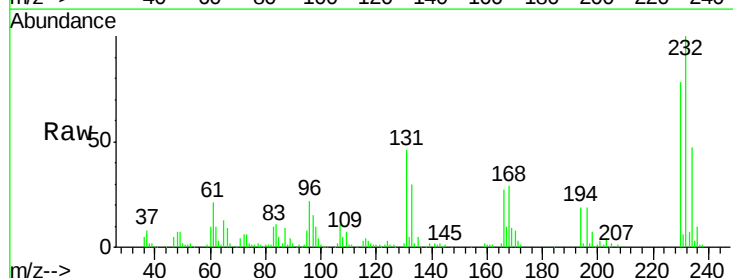
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

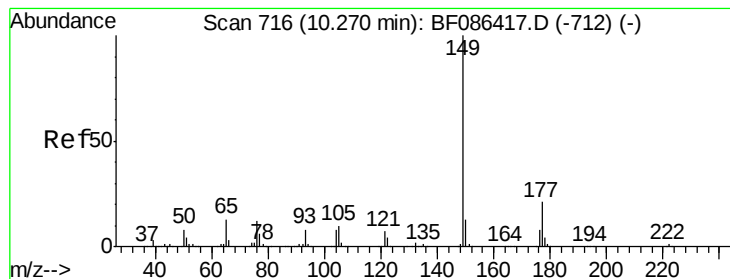
Tot Ion:166 Resp: 445219
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.0 118.6
 167 13.9 10.6 15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 24.98 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.05 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:232 Resp: 101858
 Ion Ratio Lower Upper
 232 100
 131 46.1 41.9 62.9
 130 2.4 2.2 3.4
 166 27.2 26.8 40.2





#59

Diethylphthalate

Concen: 27.66 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

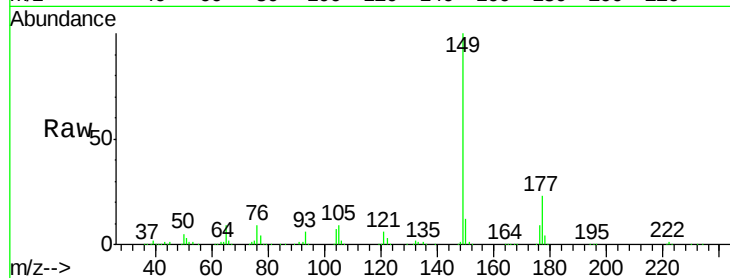
Tot Ion:149 Resp: 511075

Ion Ratio Lower Upper

149 100

177 23.5 16.6 24.8

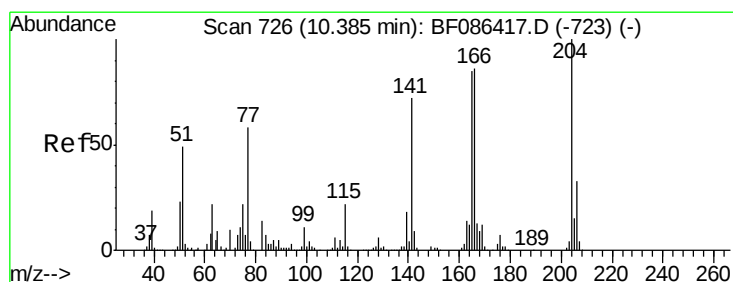
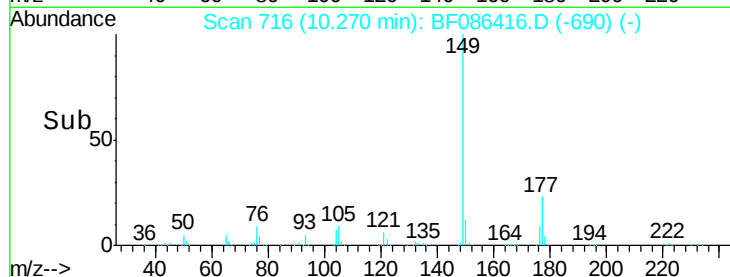
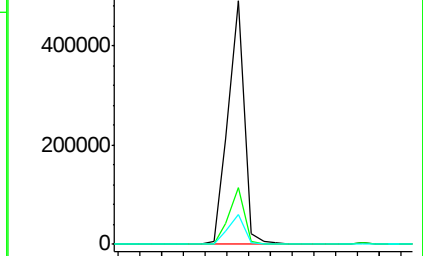
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 30.56 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

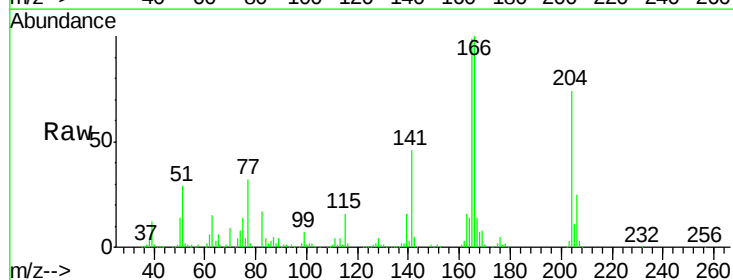
Tgt Ion:204 Resp: 229737

Ion Ratio Lower Upper

204 100

206 33.2 25.4 38.0

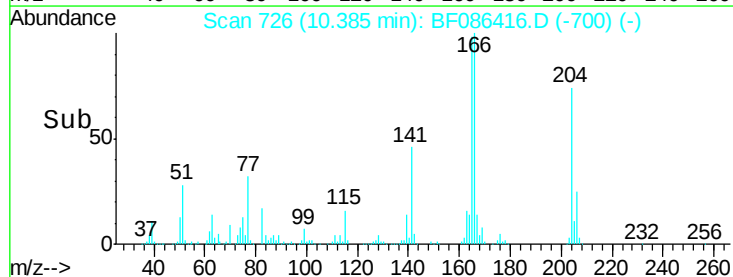
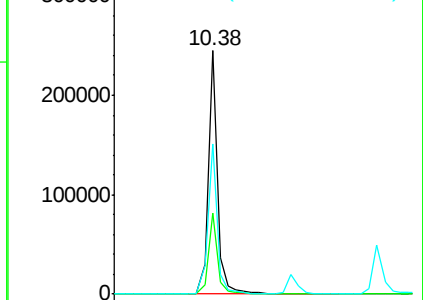
141 61.8 61.6 92.4

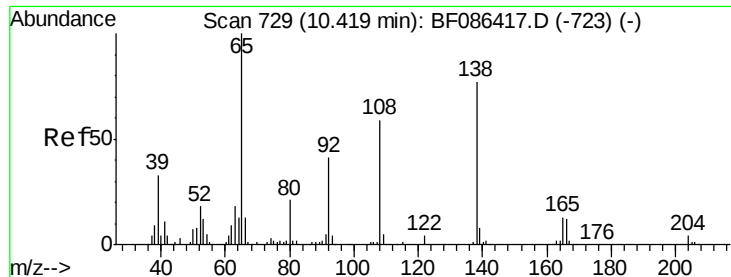


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 23.54 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

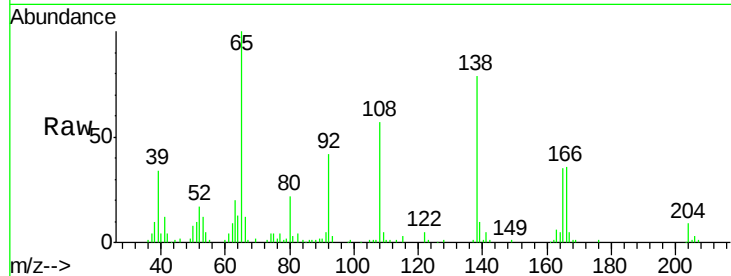
Tot Ion:138 Resp: 125680

Ion Ratio Lower Upper

138 100

92 52.5 24.7 64.7

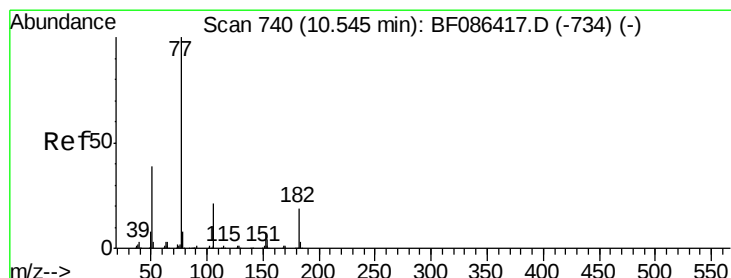
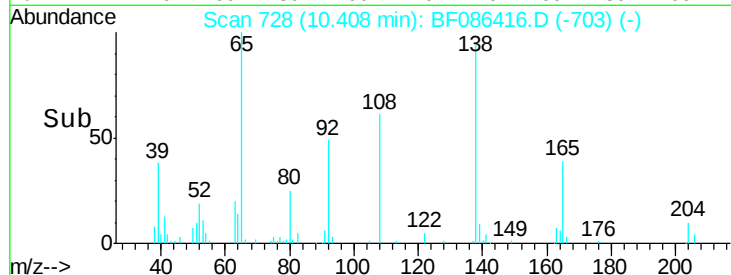
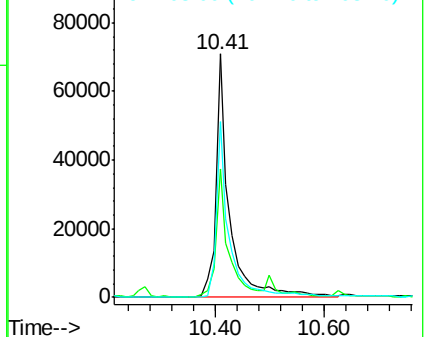
108 72.0 37.4 77.4



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: 29.08 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Tgt Ion: 77 Resp: 557031

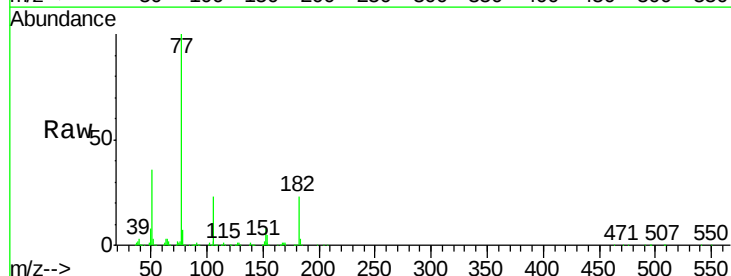
Ion Ratio Lower Upper

77 100

182 23.1 0.0 38.8

105 22.6 3.2 43.2

51 36.1 8.8 48.8

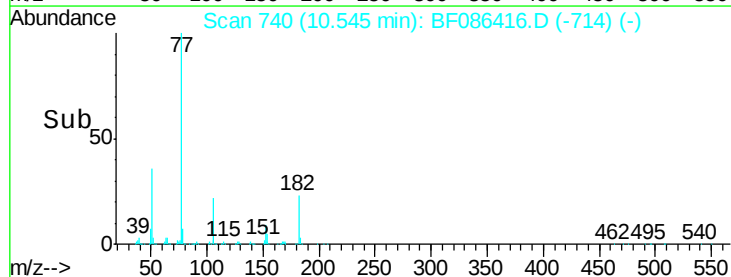
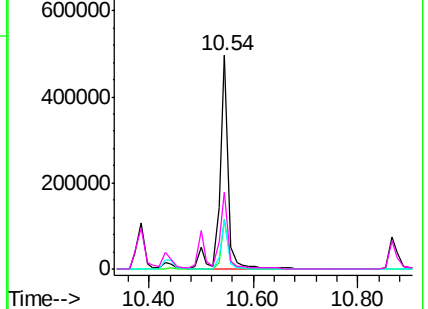


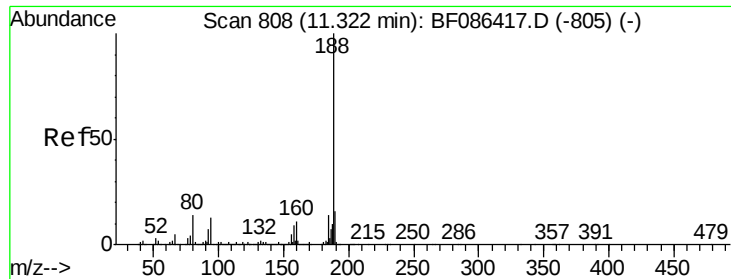
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

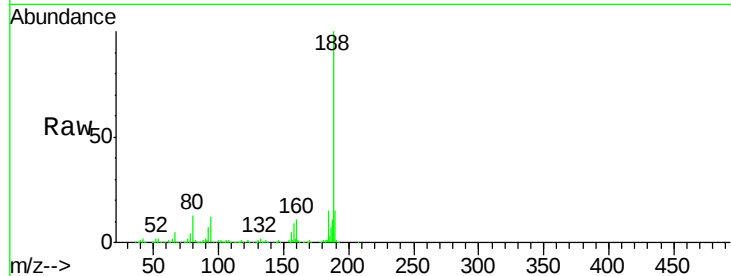
Tot Ion:188 Resp: 515758

Ion Ratio Lower Upper

188 100

94 12.3 6.8 10.2#

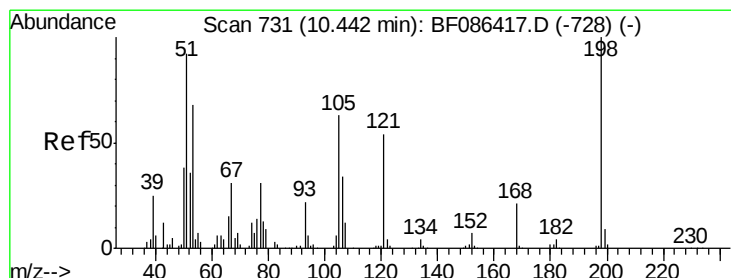
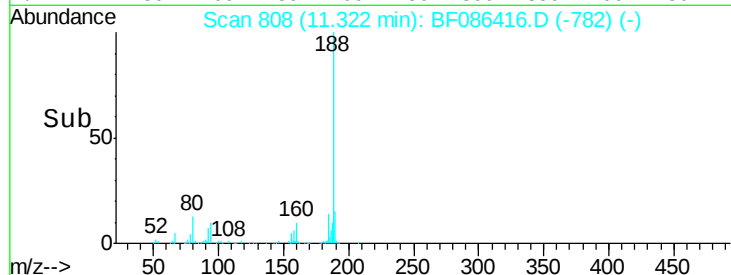
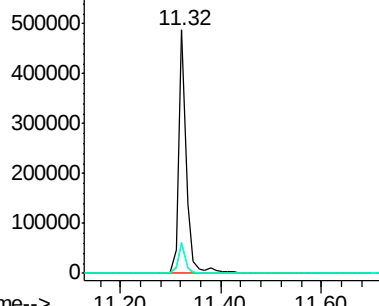
80 12.9 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 22.57 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

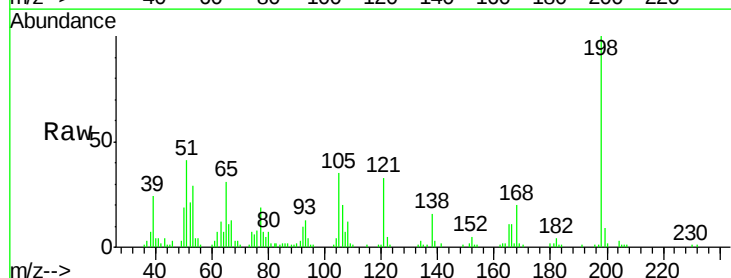
Tgt Ion:198 Resp: 71119

Ion Ratio Lower Upper

198 100

51 41.0 20.5 60.5

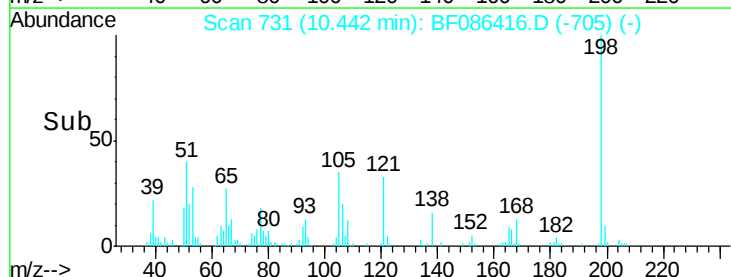
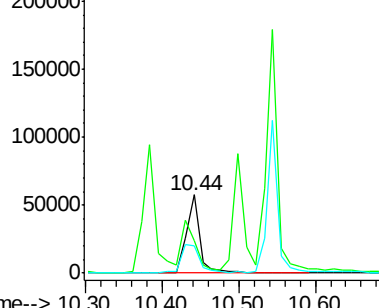
105 35.0 24.5 64.5

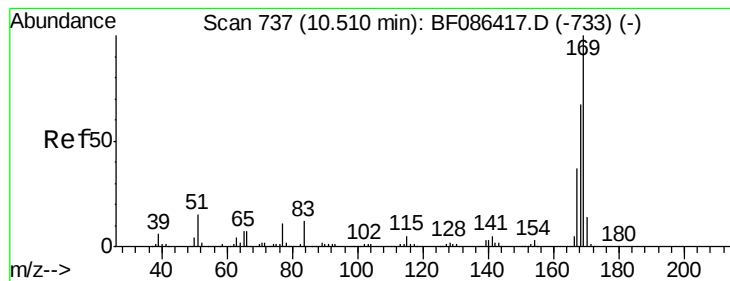


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

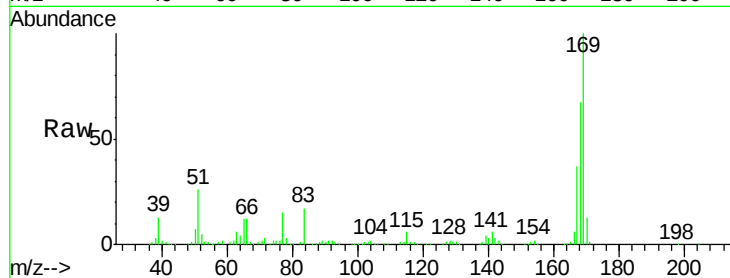




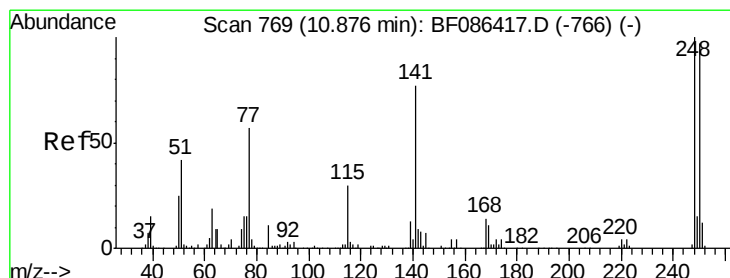
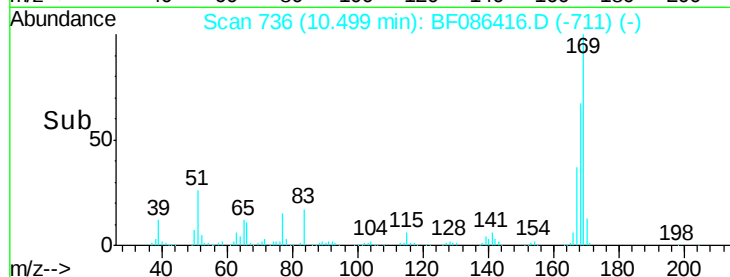
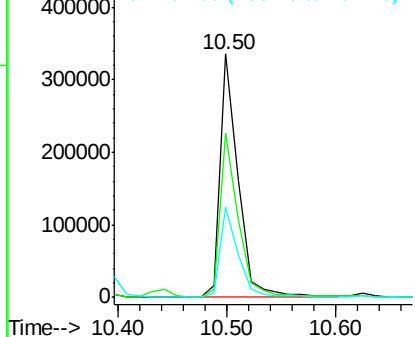
#65
n-Nitrosodiphenylamine
Concen: 24.47 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:169 Resp: 389196
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 37.1 29.5 44.3

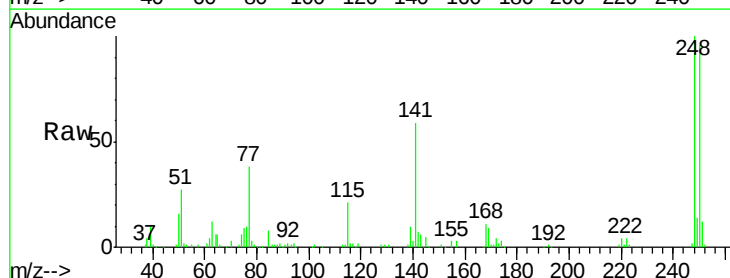


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

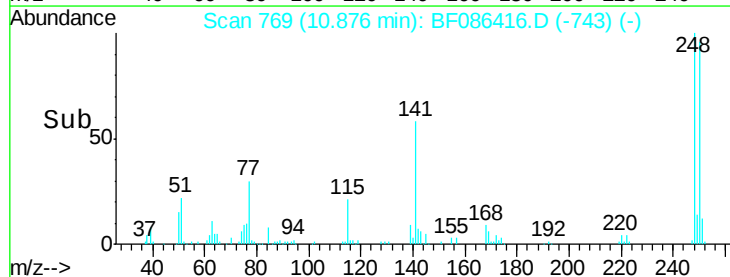
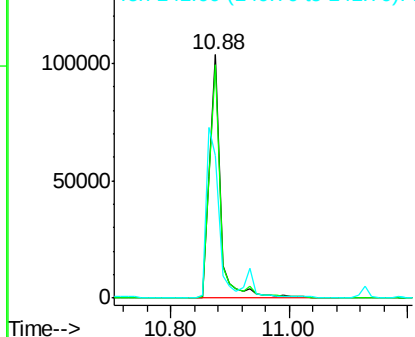


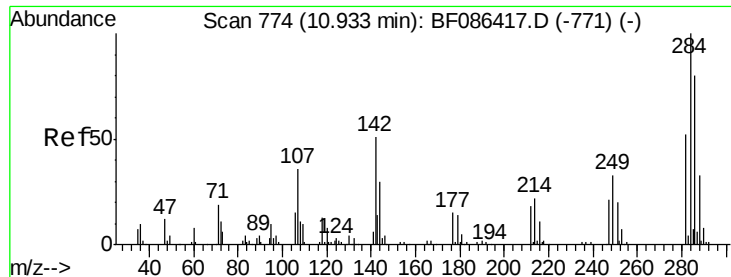
#66
4-Bromophenyl-phenylether
Concen: 26.76 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion:248 Resp: 135124
Ion Ratio Lower Upper
248 100
250 95.8 78.6 117.8
141 58.8 76.0 114.0#



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

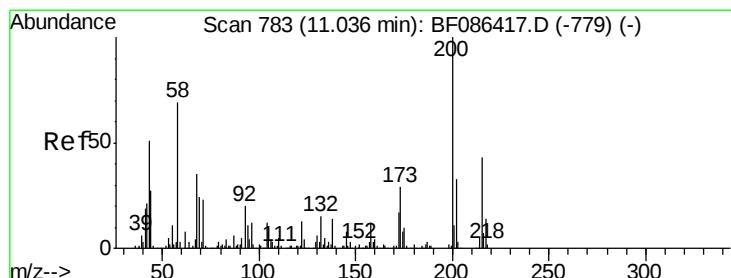
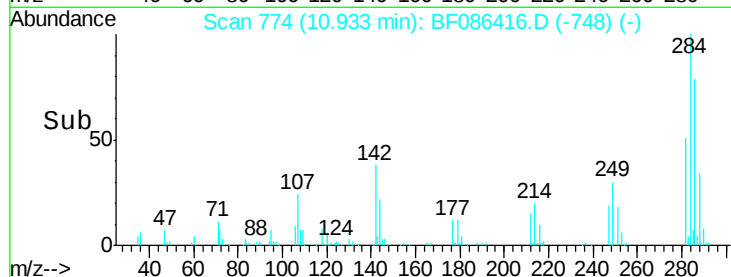
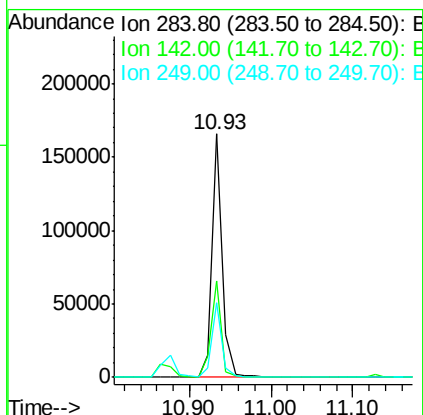
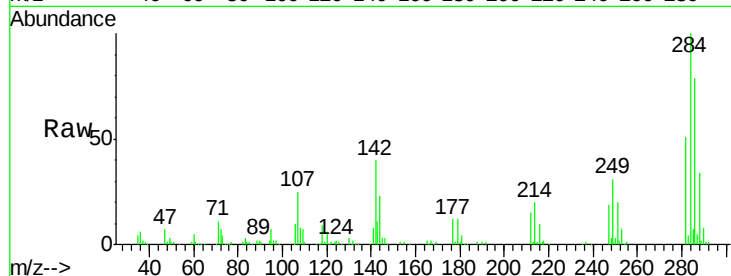




#67
Hexachlorobenzene
Concen: 27.77 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

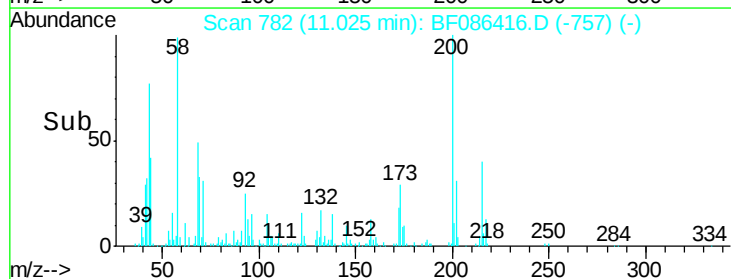
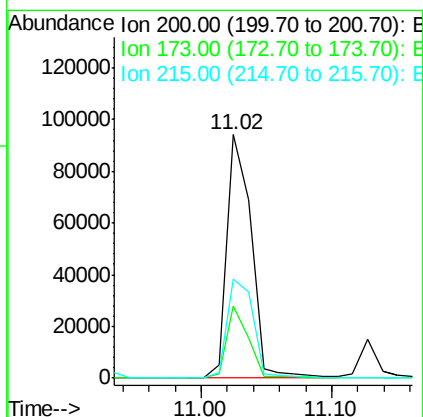
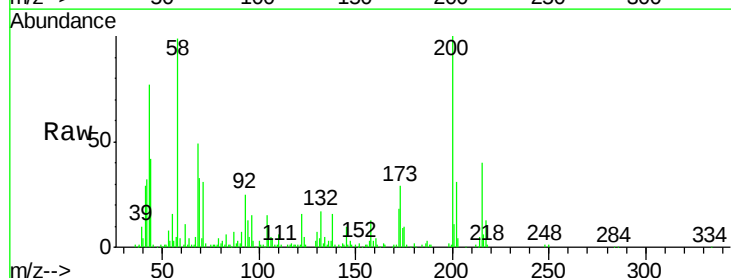
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

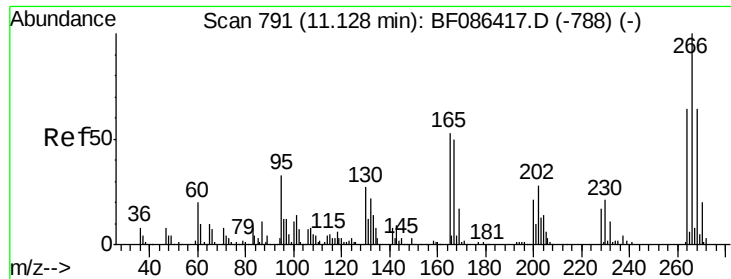
Tot Ion:284 Resp: 149640
Ion Ratio Lower Upper
284 100
142 39.5 16.7 25.1#
249 30.6 21.3 31.9



#68
Atrazine
Concen: 24.95 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion:200 Resp: 122489
Ion Ratio Lower Upper
200 100
173 29.5 8.5 48.5
215 40.4 27.2 67.2

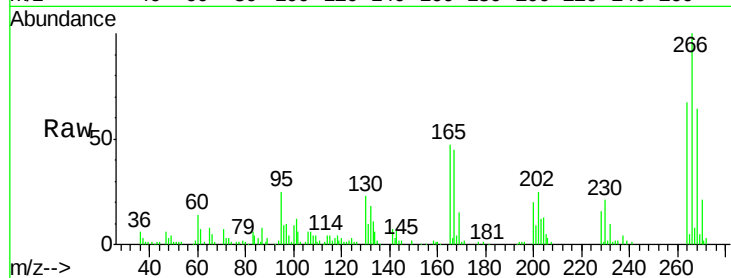




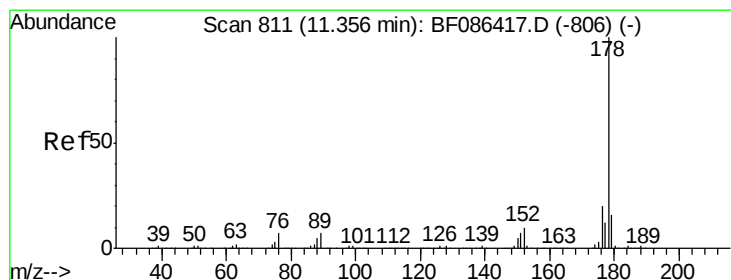
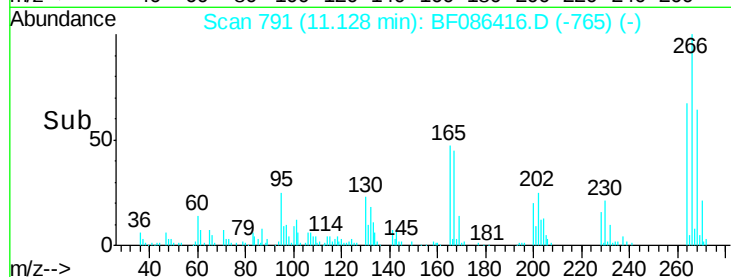
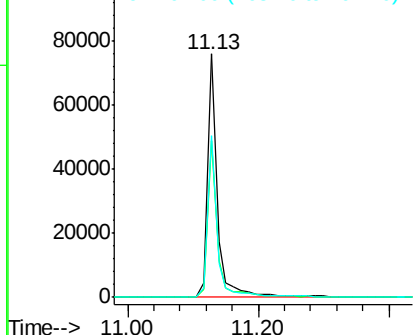
#69
 Pentachlorophenol
 Concen: 25.11 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:266 Resp: 79455
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 66.6 52.9 79.3

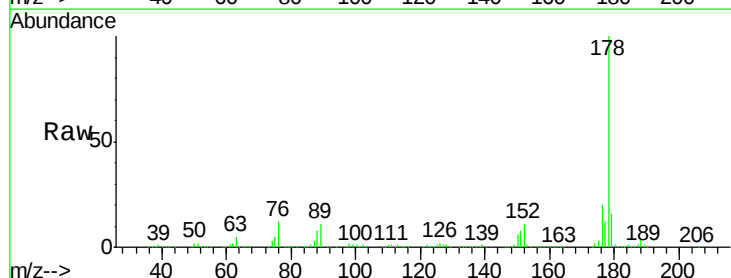


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

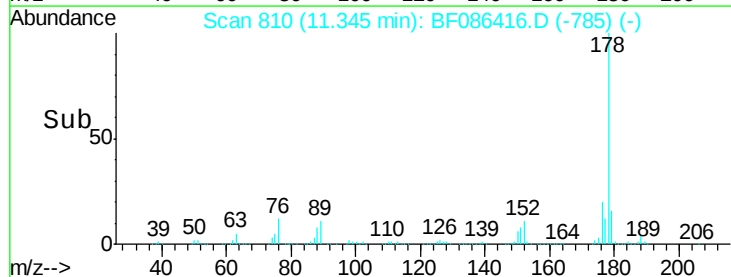
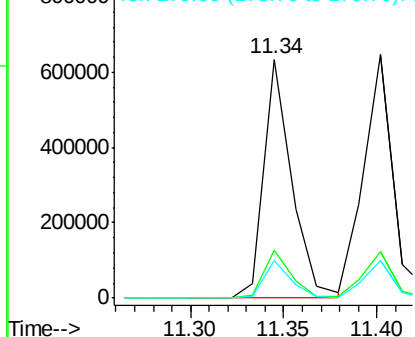


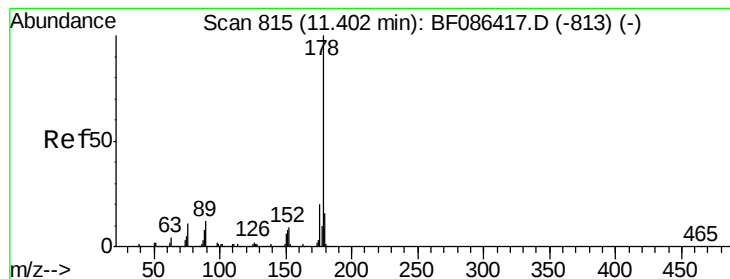
#70
 Phenanthrene
 Concen: 25.30 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:178 Resp: 655550
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.7 12.6 18.8



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





#71

Anthracene

Concen: 25.62 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

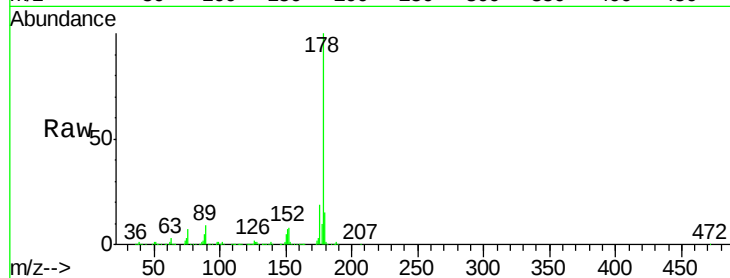
Tot Ion:178 Resp: 760750

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

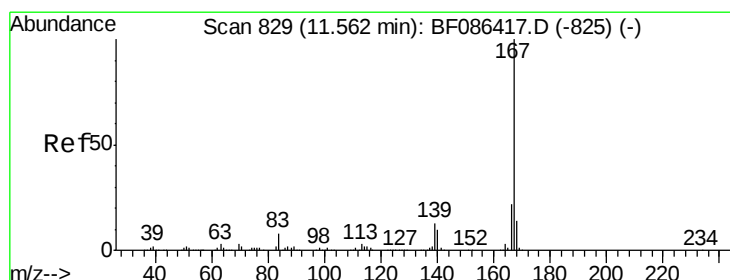
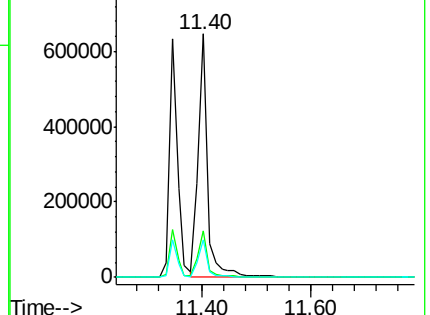
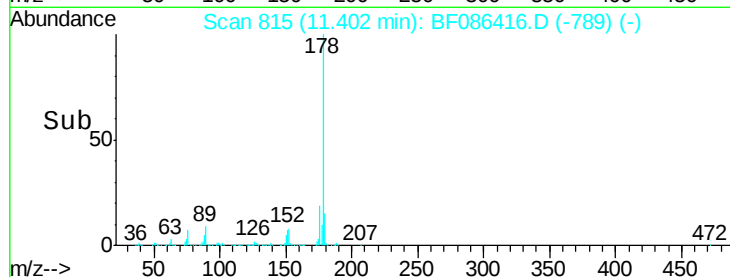
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 22.65 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

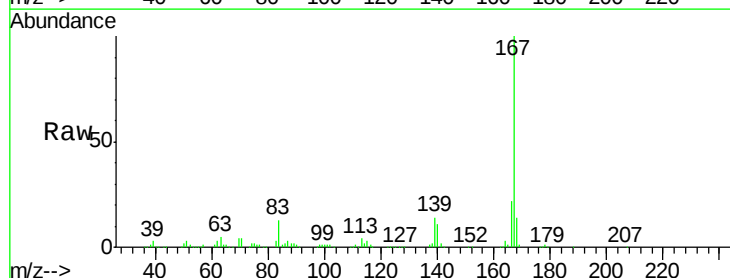
Tgt Ion:167 Resp: 631802

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

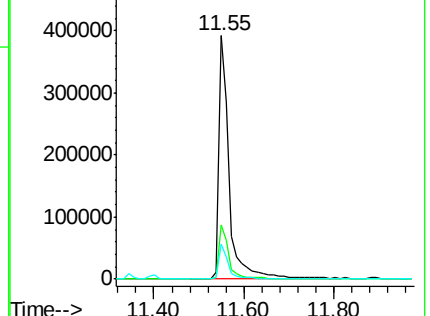
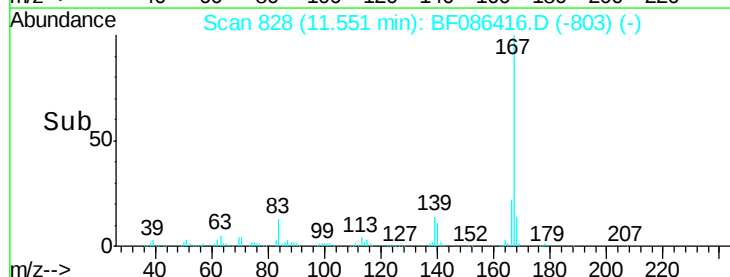
139 14.4 10.8 16.2

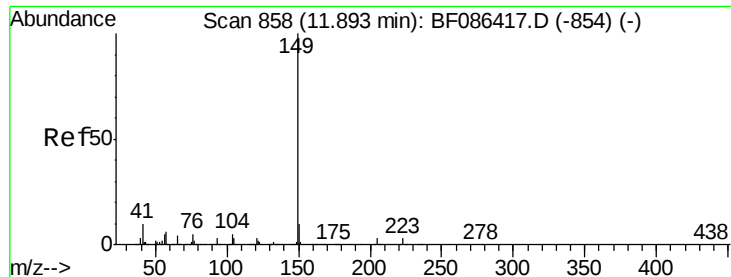


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.29 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

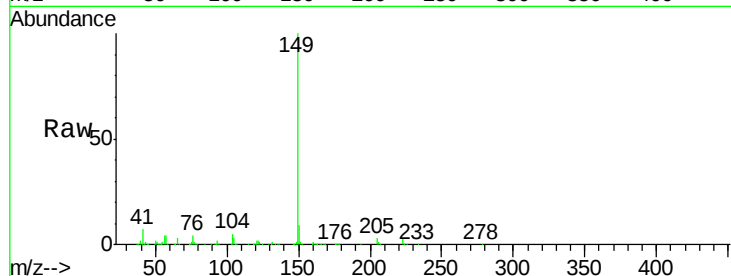
Tot Ion:149 Resp: 800535

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

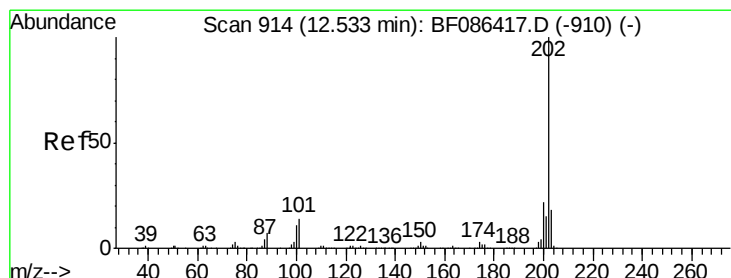
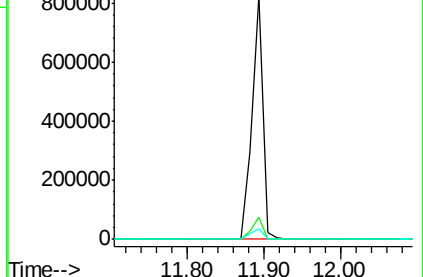
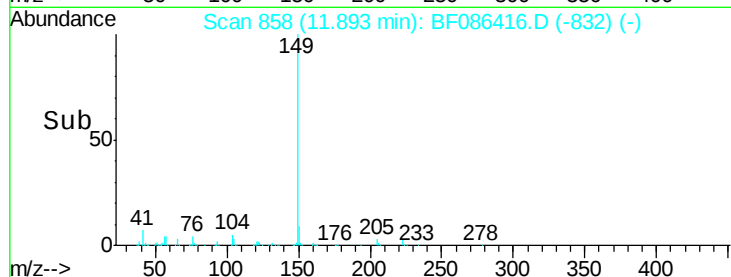
104 4.5 3.8 5.6



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: 26.44 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

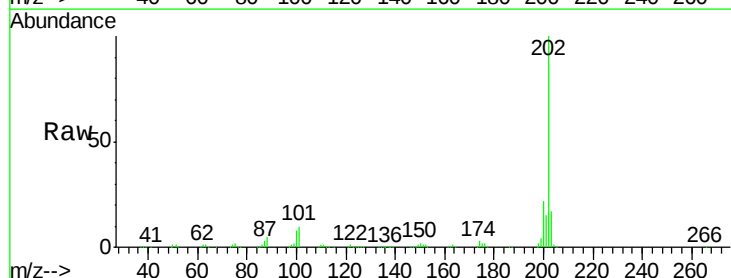
Tgt Ion:202 Resp: 738982

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.4

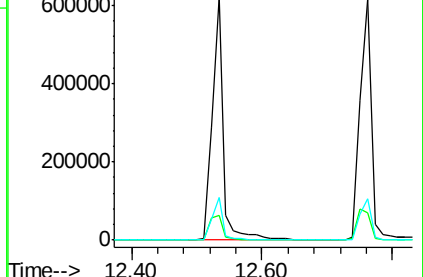
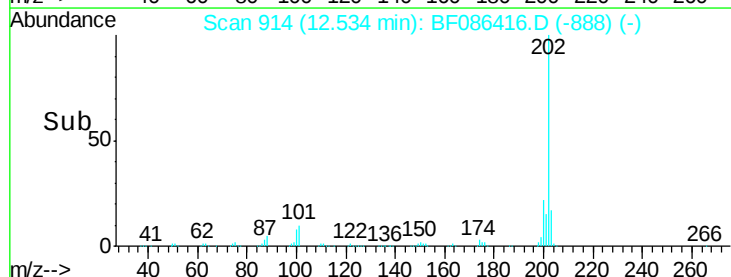
203 17.3 0.0 38.1

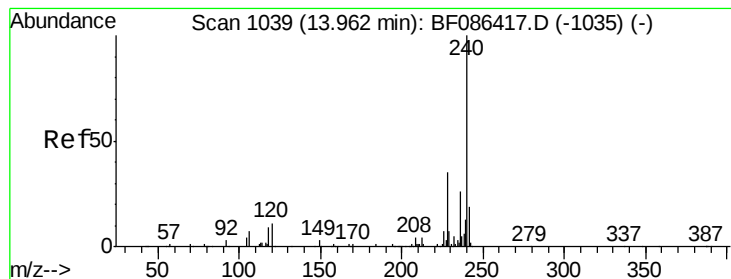


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

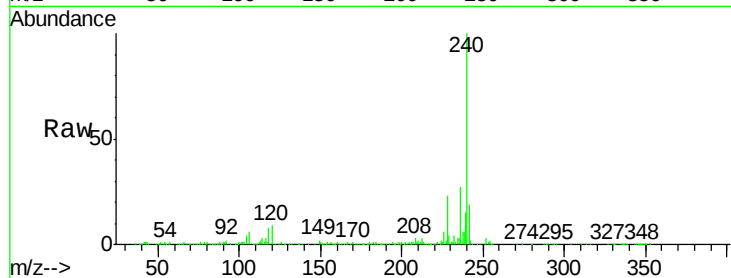
Tot Ion:240 Resp: 380045

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

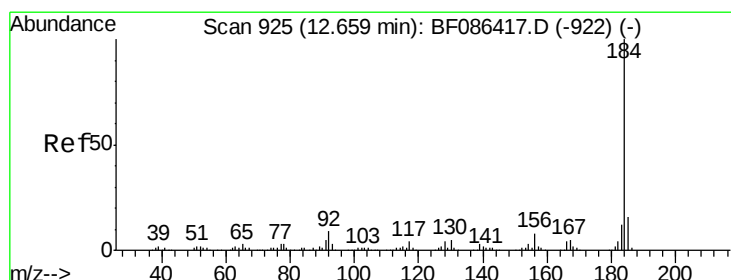
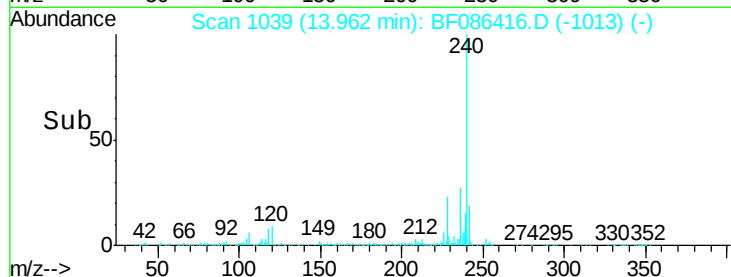
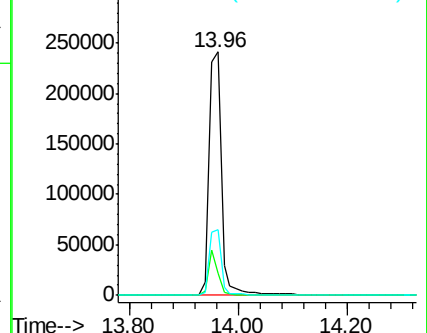
236 26.8 21.2 31.8



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: 24.00 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

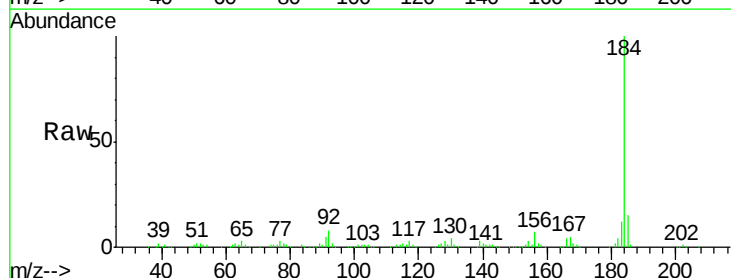
Tgt Ion:184 Resp: 374009

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

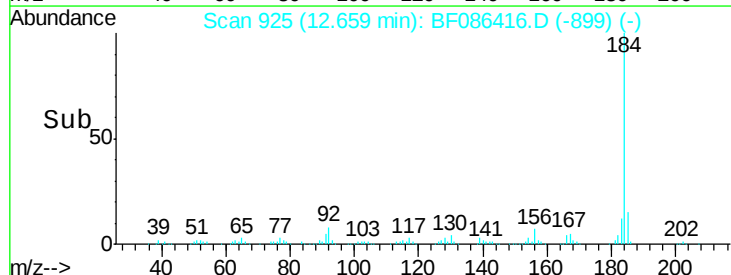
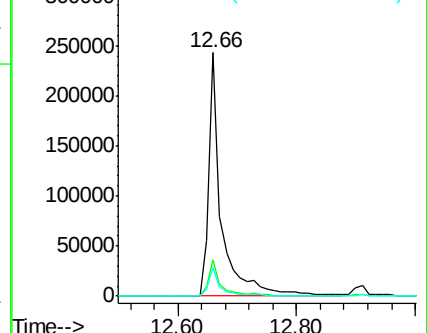
183 11.7 9.8 14.6

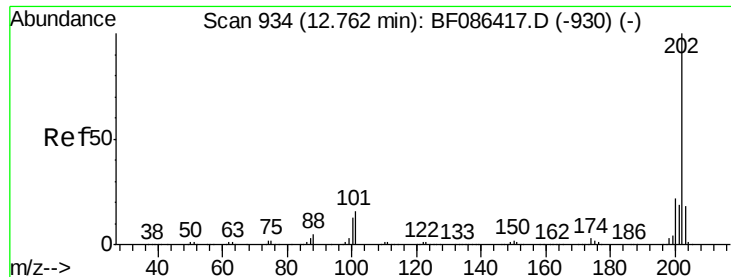


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

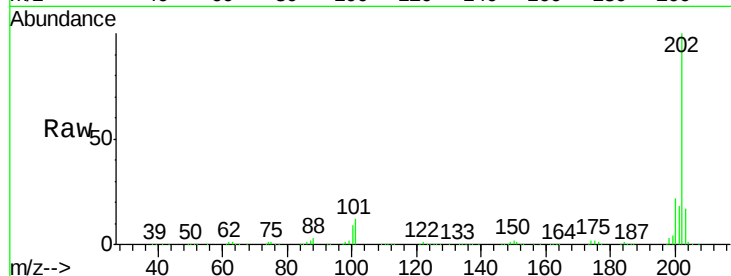




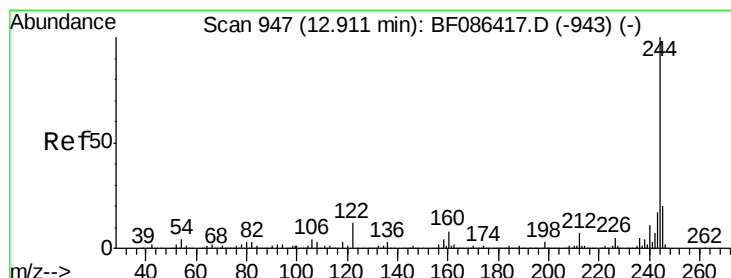
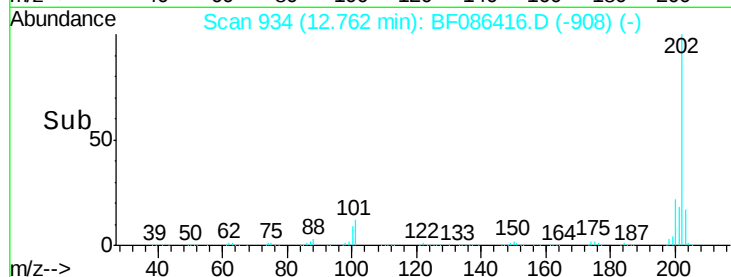
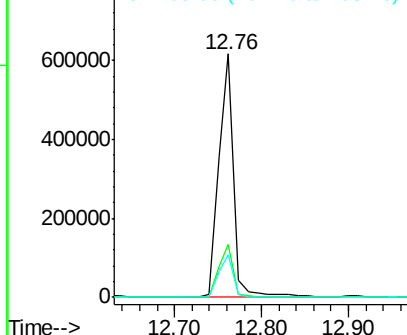
#77
Pvrene
Concen: 27.63 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:202 Resp: 732264
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.3 14.2 21.4

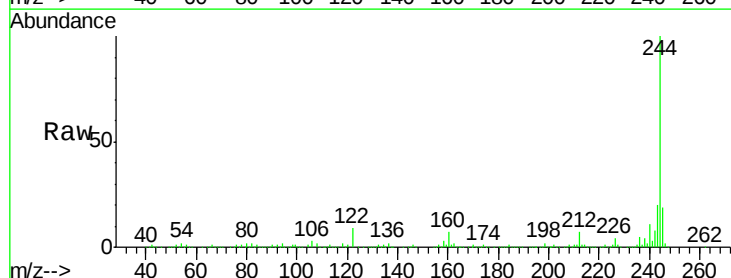


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

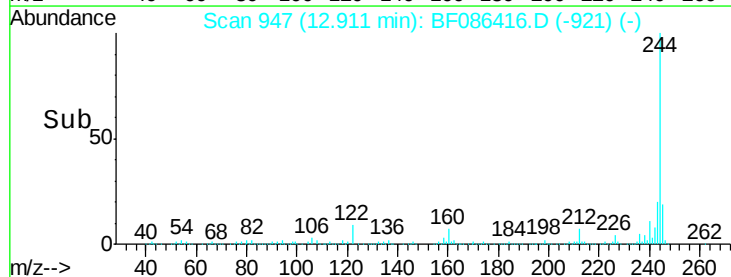
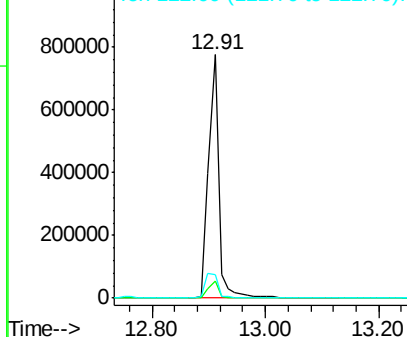


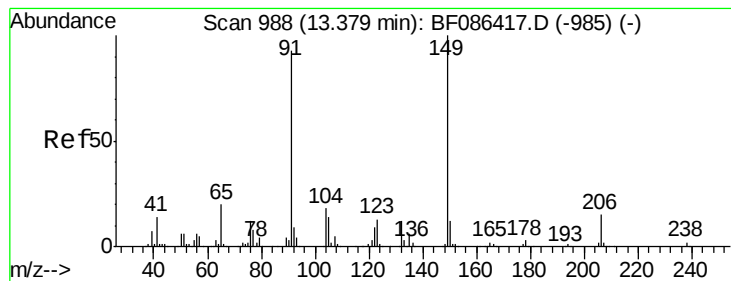
#78
Terphenyl-d14
Concen: 61.19 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF086416.D
Acq: 27 Apr 2016 11:25

Tgt Ion:244 Resp: 935901
Ion Ratio Lower Upper
244 100
212 6.8 6.2 9.2
122 9.4 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: 24.57 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

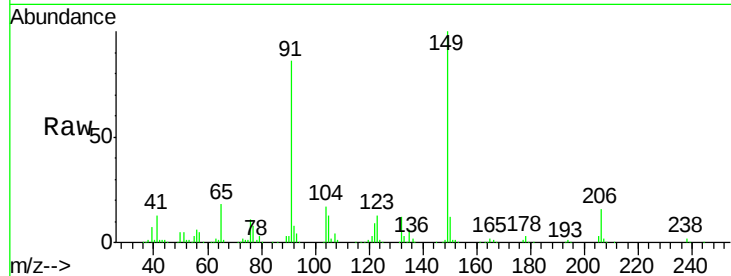
Tot Ion:149 Resp: 303396

Ion Ratio Lower Upper

149 100

91 86.4 48.0 72.0#

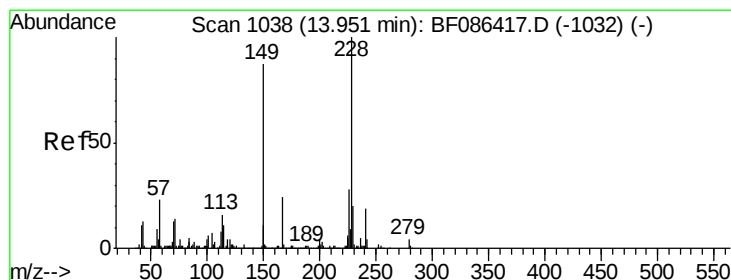
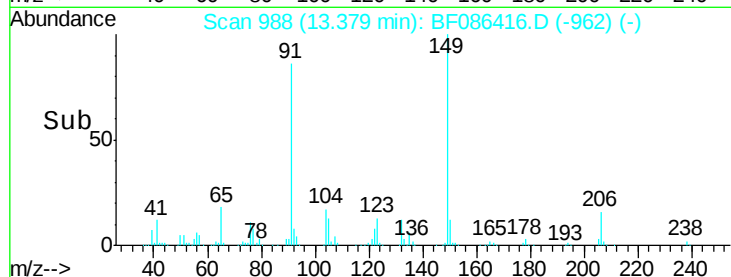
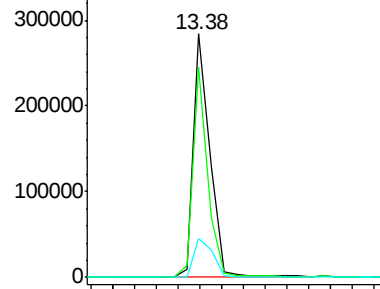
206 15.8 15.8 23.6



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: 26.46 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

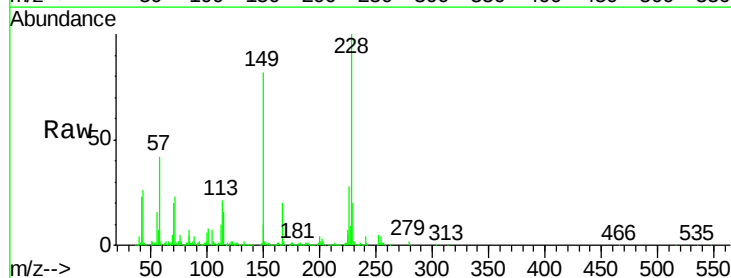
Tgt Ion:228 Resp: 522120

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

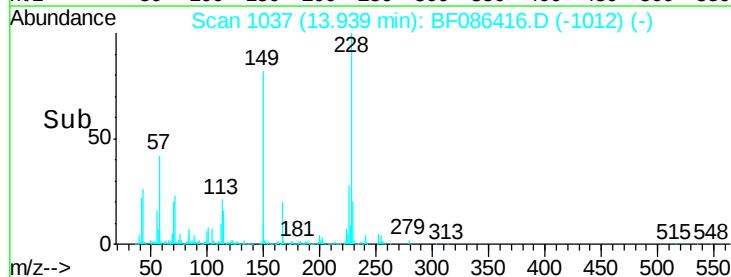
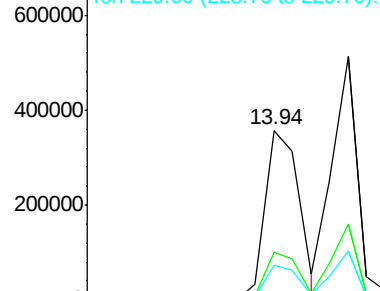
229 20.5 16.6 25.0

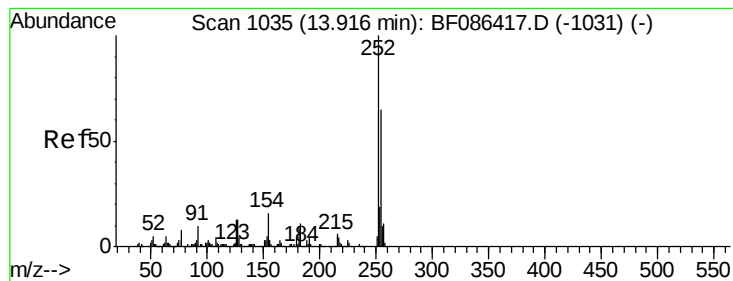


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

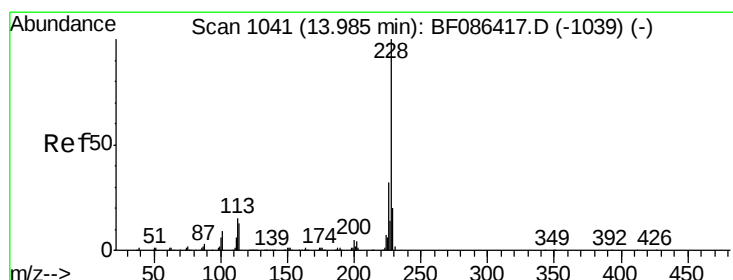
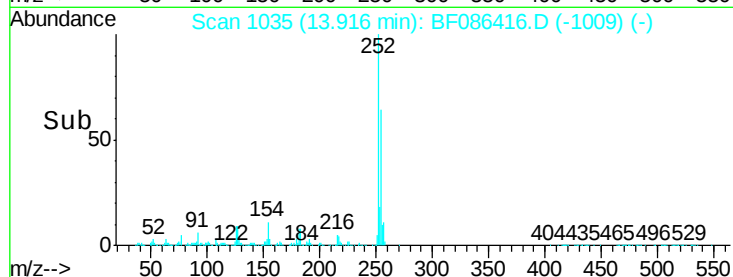
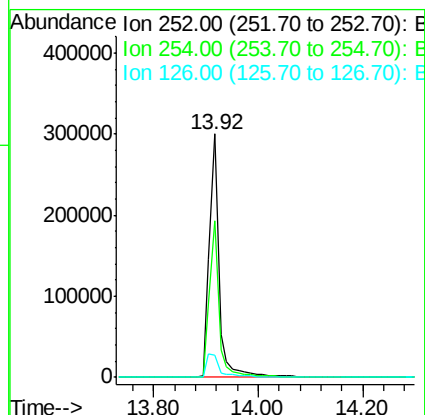
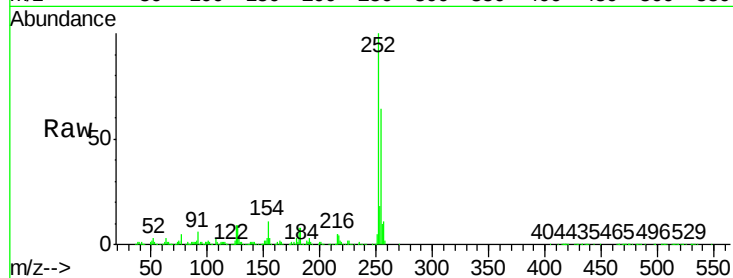




#81
 3,3'-Dichlorobenzidine
 Concen: 28.91 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

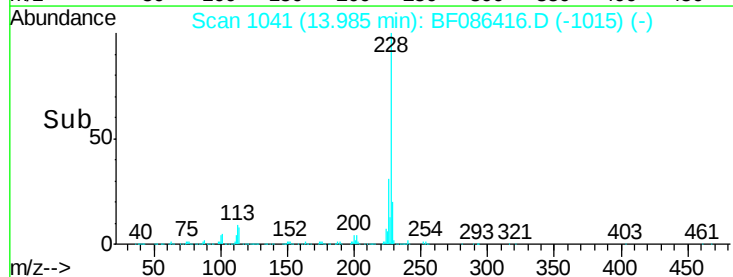
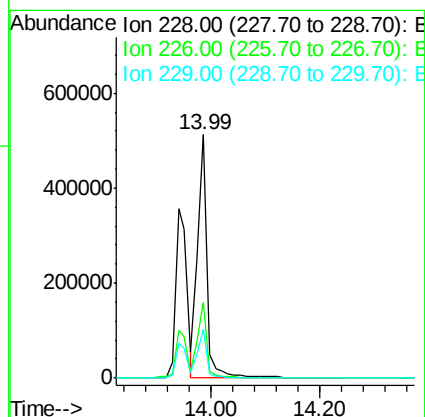
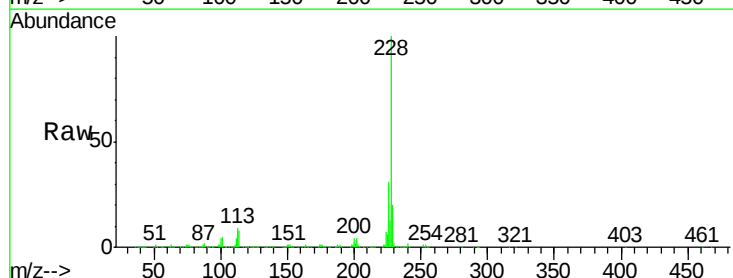
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

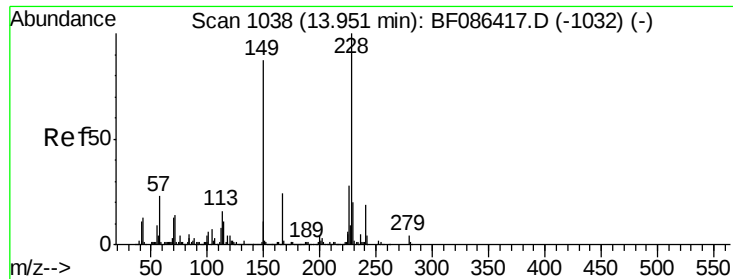
Tot Ion:252 Resp: 393426
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 9.2 12.7 19.1#



#82
 Chrysene
 Concen: 27.51 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:228 Resp: 611587
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.1 15.8 23.8

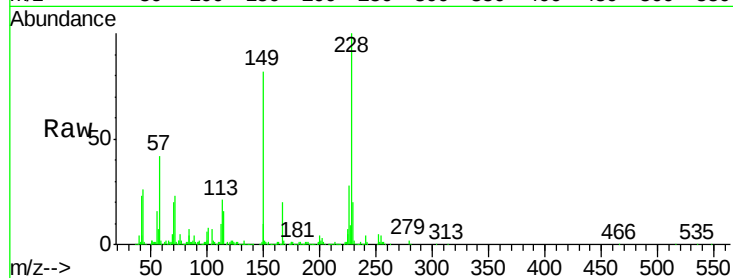




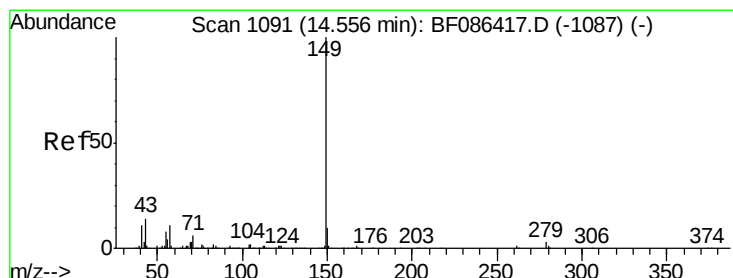
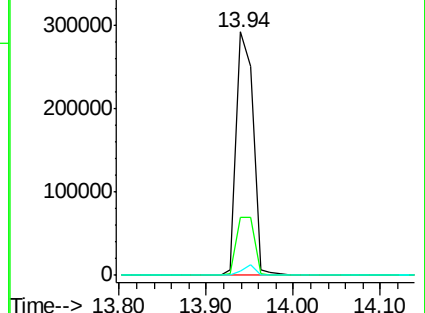
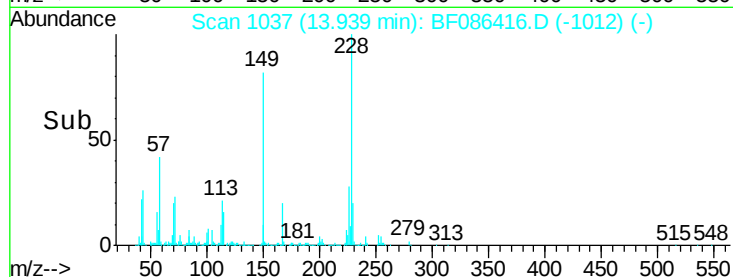
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.03 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:149 Resp: 387548
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.8 32.6
 279 1.9 2.6 4.0#

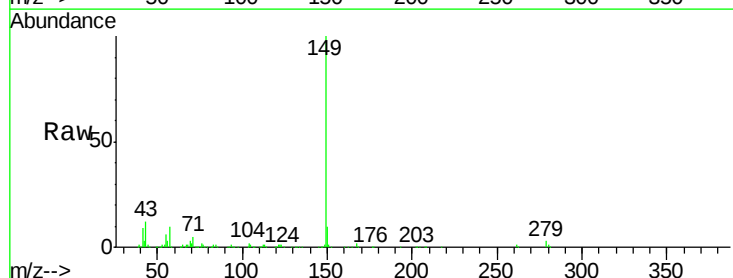


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

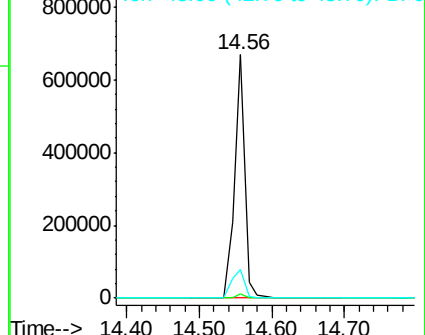
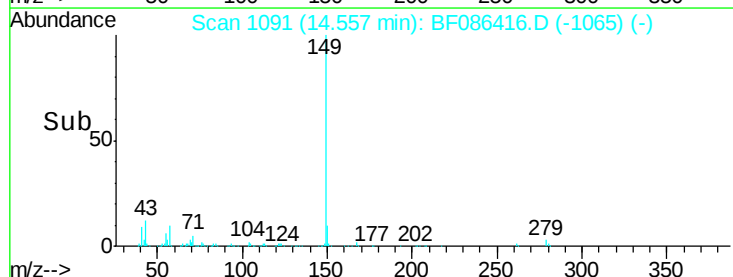


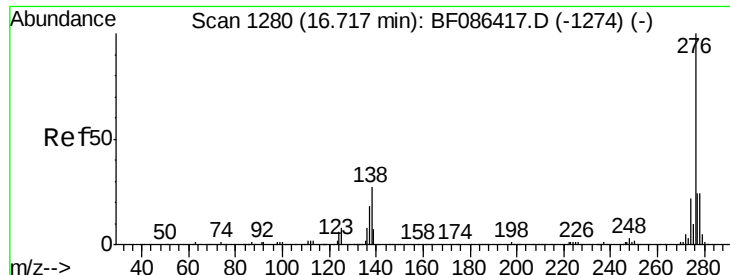
#84
 Di-n-octyl phthalate
 Concen: 24.42 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:149 Resp: 648297
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 14.8 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

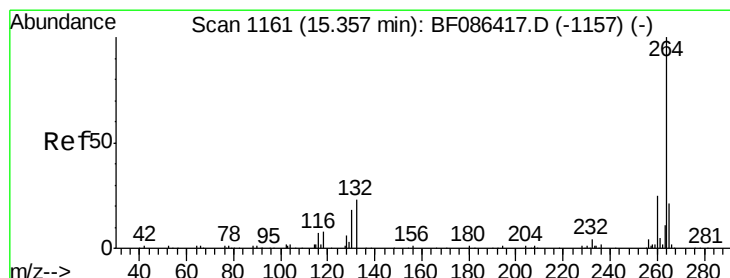
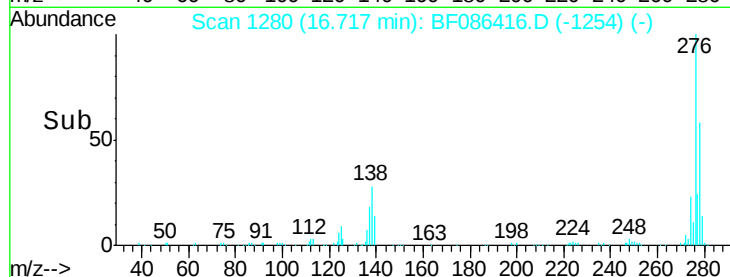
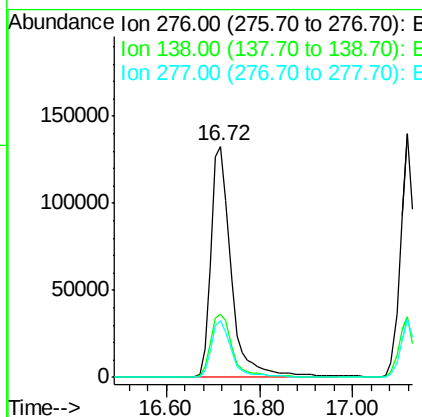
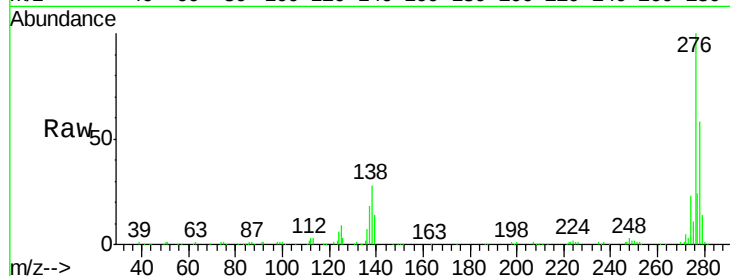




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.56 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

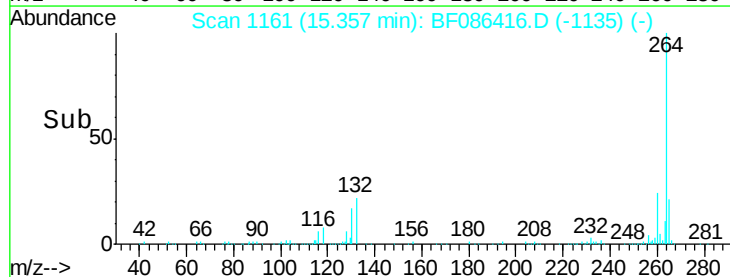
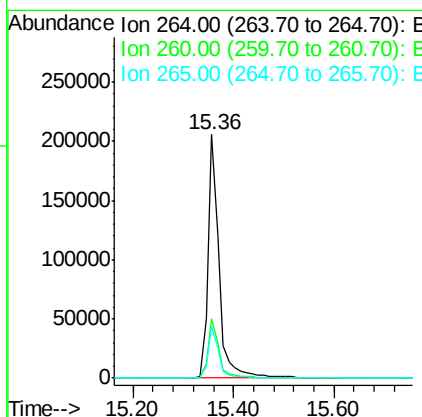
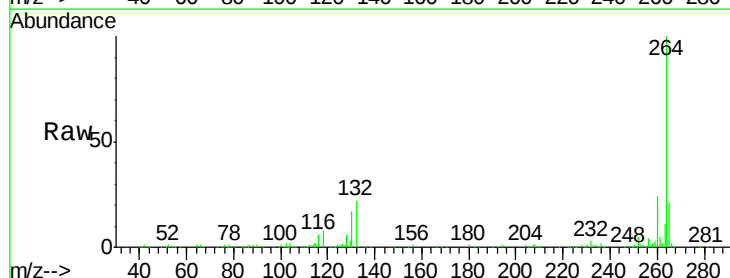
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

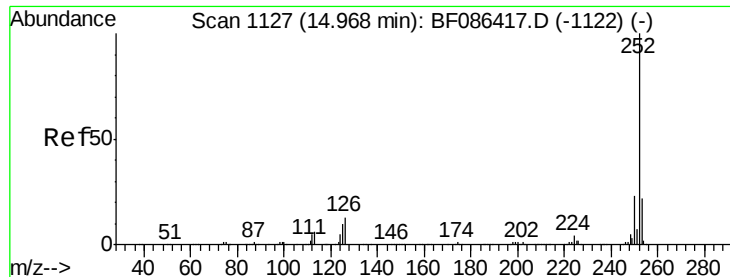
Tot Ion:276 Resp: 406273
 Ion Ratio Lower Upper
 276 100
 138 29.8 25.6 38.4
 277 24.6 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF086416.D
 Acq: 27 Apr 2016 11:25

Tgt Ion:264 Resp: 315610
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 57.30 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

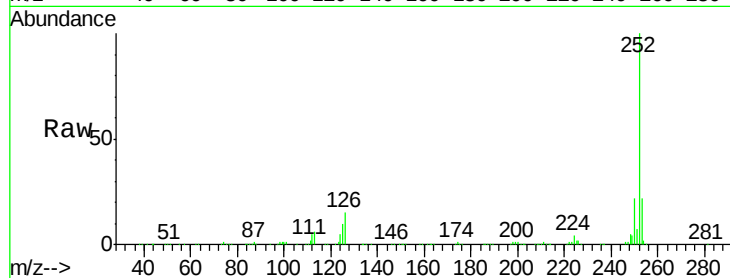
Tot Ion:252 Resp: 992578

Ion Ratio Lower Upper

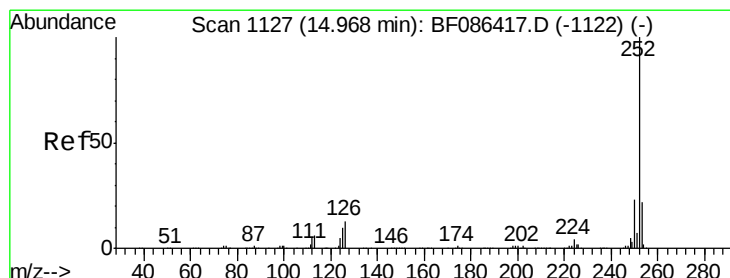
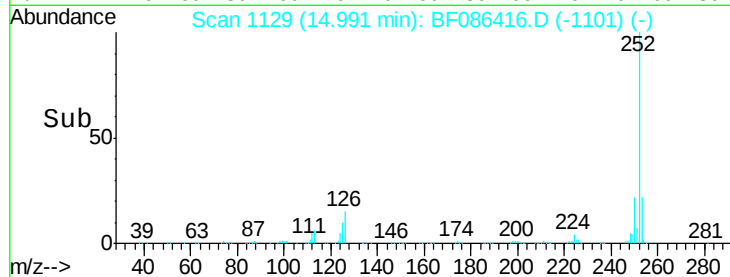
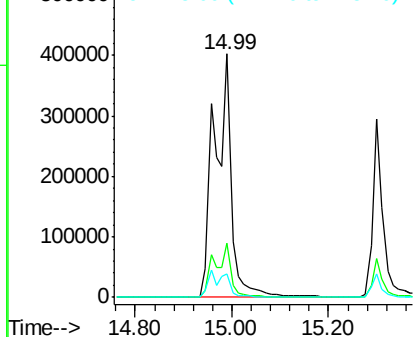
252 100

253 22.5 17.8 26.6

125 9.9 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 58.42 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

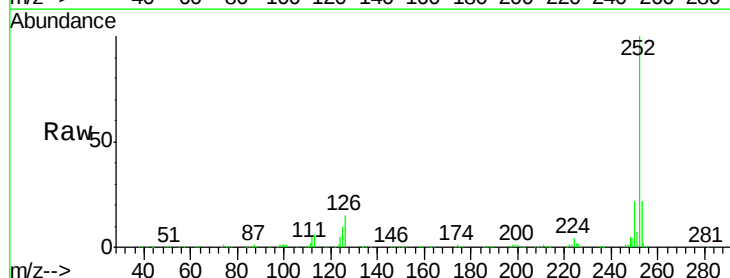
Tgt Ion:252 Resp: 993306

Ion Ratio Lower Upper

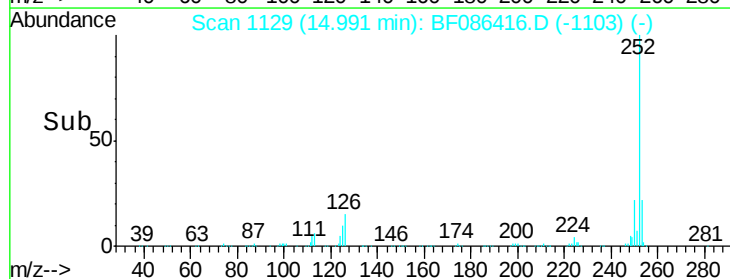
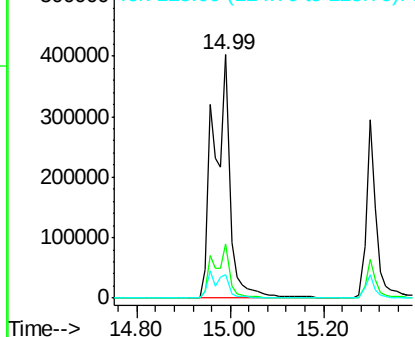
252 100

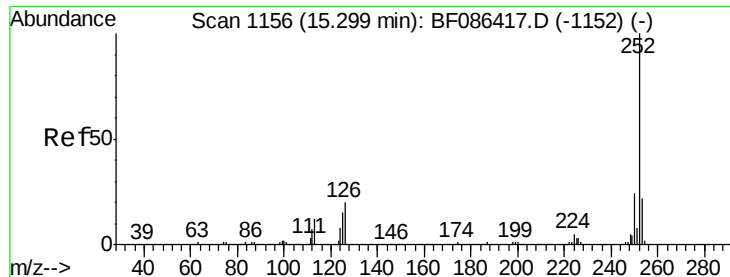
253 22.5 17.8 26.6

125 9.9 9.1 13.7



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





#89

Benzo(a)pyrene

Concen: 25.95 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

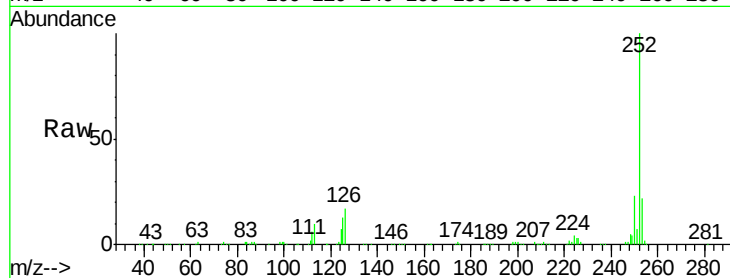
Tot Ion:252 Resp: 443450

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

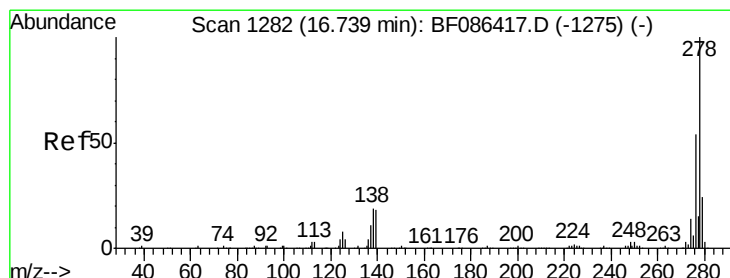
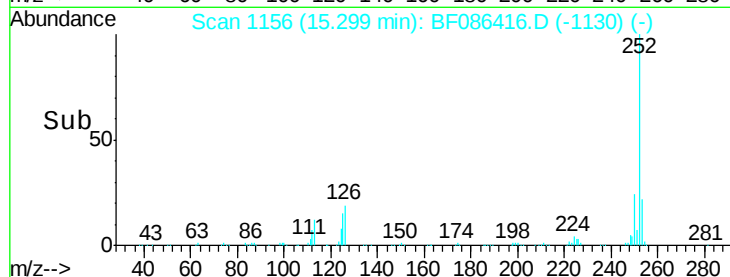
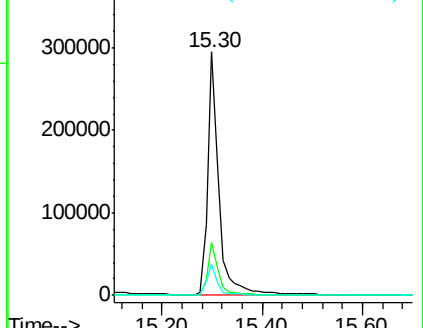
125 12.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.91 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

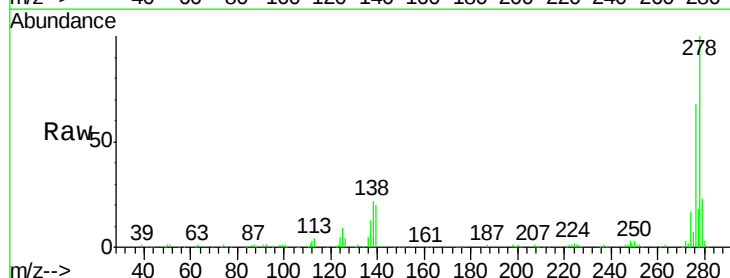
Tgt Ion:278 Resp: 337045

Ion Ratio Lower Upper

278 100

139 19.6 16.6 24.8

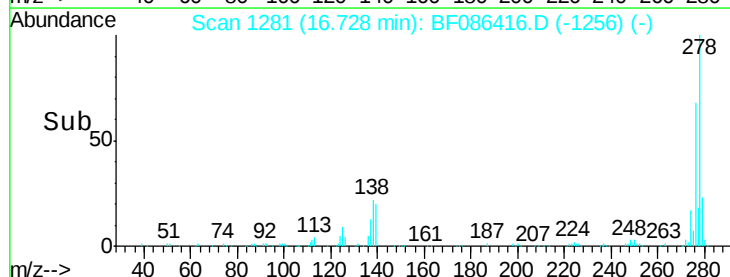
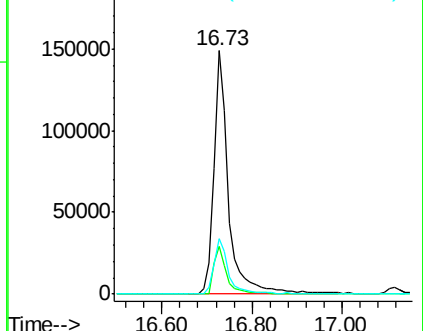
279 23.0 19.6 29.4

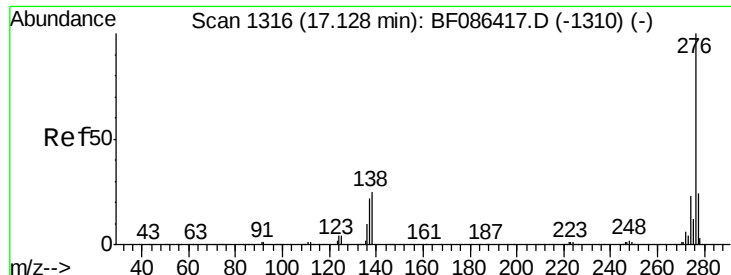


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 22.19 ng

RT: 17.12 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF086416.D

Acq: 27 Apr 2016 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

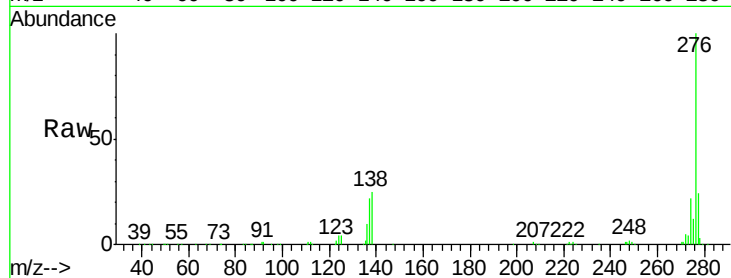
Tot Ion:276 Resp: 322968

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 24.8 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

