

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086819.D
 Acq On : 9 May 2016 12:15
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Quant Time: May 09 14:54:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 14:52:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	155107	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	646579	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	328940	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	676240	20.00	ng	0.00
75) Chrysene-d12	13.84	240	588899	20.00	ng	0.00
86) Perylene-d12	15.21	264	484491	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	41961	4.67	ng	0.01
7) Phenol-d6	6.35	99	68890	5.49	ng	-0.01
23) Nitrobenzene-d5	7.26	82	66668	5.56	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	18561	5.35	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	129705	6.67	ng	0.00
78) Terphenyl-d14	12.79	244	157014	5.87	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	11278	2.39	ng	# 64
3) Pyridine	3.05	79	10422	0.93	ng	# 19
4) n-Nitrosodimethylamine	2.77	42	2206	0.35	ng	# 1
6) Aniline	6.36	93	37590	2.48	ng	# 63
8) 2-Chlorophenol	6.49	128	30039	2.68	ng	92
9) Benzaldehyde	6.25	77	18811	2.58	ng	92
10) Phenol	6.37	94	40663	2.90	ng	# 44
11) bis(2-Chloroethyl)ether	6.43	93	30144	2.49	ng	89
12) 1,3-Dichlorobenzene	6.86	146	31021	2.57	ng	95
13) 1,4-Dichlorobenzene	6.70	146	35448	2.85	ng	95
14) 1,2-Dichlorobenzene	6.86	146	32594	2.86	ng	95
15) Benzyl Alcohol	6.85	79	20856	2.63	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	6.98	45	76389	3.15	ng	84
17) 2-Methylphenol	6.98	107	22334	2.47	ng	# 79
18) Hexachloroethane	7.20	117	12434	2.68	ng	92
19) n-Nitroso-di-n-propylamine	7.10	70	23255	2.80	ng	# 55
20) 3+4-Methylphenols	7.14	107	28294	2.74	ng	# 69
22) Acetophenone	7.10	105	41351	2.92	ng	# 82
24) Nitrobenzene	7.28	77	34771	2.82	ng	98
25) Isophorone	7.52	82	68171	2.95	ng	97
26) 2-Nitrophenol	7.61	139	13472	2.37	ng	94
27) 2,4-Dimethylphenol	7.65	122	27857	2.79	ng	91
28) bis(2-Chloroethoxy)methane	7.74	93	34516	2.74	ng	100
29) 2,4-Dichlorophenol	7.86	162	22941	2.73	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	27581	2.83	ng	91
31) Naphthalene	8.00	128	98578	3.00	ng	99
32) Benzoic acid	7.76	122	7408	1.43	ng	# 81
33) 4-Chloroaniline	8.06	127	35698	2.90	ng	# 91
34) Hexachlorobutadiene	8.12	225	16672	3.05	ng	97
35) Caprolactam	8.41	113	6741	2.40	ng	# 70
36) 4-Chloro-3-methylphenol	8.56	107	28565	2.97	ng	89
37) 2-Methylnaphthalene	8.69	142	59229	3.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	28005	2.97	ng	99
40) Hexachlorocyclopentadiene	8.84	237	7213	1.54	ng	94

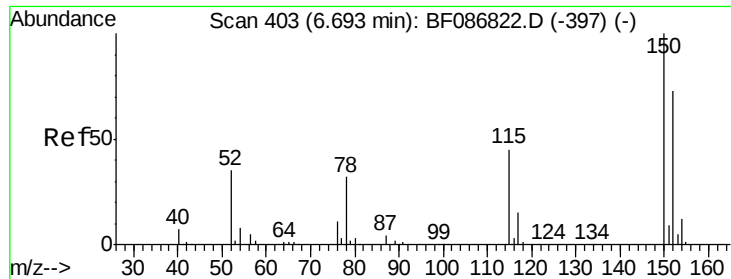
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086819.D
 Acq On : 9 May 2016 12:15
 Operator : UM/SJ
 Sample : SSTDICC02.5
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 14:52:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	17046	2.86	nq	94
43) 2,4,5-Trichlorophenol	9.02	196	18607	2.87	nq #	83
45) 1,1'-Biphenyl	9.15	154	81120	2.95	nq	97
46) 2-Chloronaphthalene	9.17	162	61049	2.92	nq	92
47) 2-Nitroaniline	9.29	65	17971	2.68	nq #	72
48) Acenaphthylene	9.58	152	98304	3.01	nq	99
49) Dimethylphthalate	9.46	163	74302	3.00	nq	99
50) 2,6-Dinitrotoluene	9.52	165	12950	2.53	nq #	44
51) Acenaphthene	9.76	154	63773	3.04	nq	97
52) 3-Nitroaniline	9.70	138	11983	2.06	nq #	74
54) Dibenzofuran	9.93	168	79663	3.04	nq	95
55) 4-Nitrophenol	9.93	139	37456	9.83	nq #	23
56) 2,4-Dinitrotoluene	9.93	165	16419	2.52	nq #	71
57) Fluorene	10.27	166	73651	3.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	13274	2.62	nq #	97
59) Diethylphthalate	10.16	149	71751	3.06	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	34855	3.37	nq #	85
61) 4-Nitroaniline	10.32	138	9085	1.60	nq	78
62) Azobenzene	10.42	77	76167	2.97	nq	78
64) 4,6-Dinitro-2-methylphenol	10.33	198	4088	1.03	nq #	1
65) n-Nitrosodiphenylamine	10.38	169	59396	2.81	nq	97
66) 4-Bromophenyl-phenylether	10.75	248	18172	2.61	nq #	84
67) Hexachlorobenzene	10.82	284	22642	2.81	nq	97
68) Atrazine	10.92	200	17663	2.78	nq	96
69) Pentachlorophenol	11.02	266	4736	1.11	nq	97
70) Phenanthrene	11.23	178	107565	3.03	nq	98
71) Anthracene	11.28	178	110465	2.92	nq	97
72) Carbazole	11.45	167	88707	2.64	nq	99
73) Di-n-butylphthalate	11.78	149	107634	2.83	nq	98
74) Fluoranthene	12.41	202	111187	3.10	nq	98
76) Benzidine	12.56	184	27229	1.35	nq	94
77) Pyrene	12.64	202	118821	2.80	nq	98
79) Butylbenzylphthalate	13.27	149	45691	2.49	nq #	81
80) Benzo(a)anthracene	13.83	228	92388	2.94	nq	95
81) 3,3'-Dichlorobenzidine	13.79	252	53219	2.54	nq	99
82) Chrysene	13.86	228	99586	2.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	62673	2.75	nq #	98
84) Di-n-octyl phthalate	14.43	149	96785	2.71	nq #	82
85) Indeno(1,2,3-cd)pyrene	16.50	276	63463	2.51	nq	96
87) Benzo(b)fluoranthene	14.85	252	164748	5.78	nq #	94
88) Benzo(k)fluoranthene	14.85	252	164748	5.54	nq	97
89) Benzo(a)pyrene	15.15	252	76976	2.86	nq	99
90) Dibenzo(a,h)anthracene	16.51	278	53088	2.41	nq #	95
91) Benzo(g,h,i)perylene	16.88	276	51165	2.32	nq	98

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

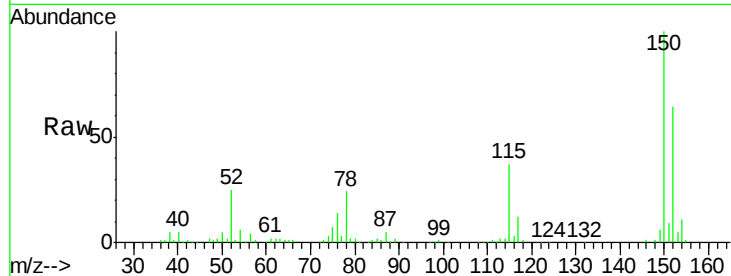


#1

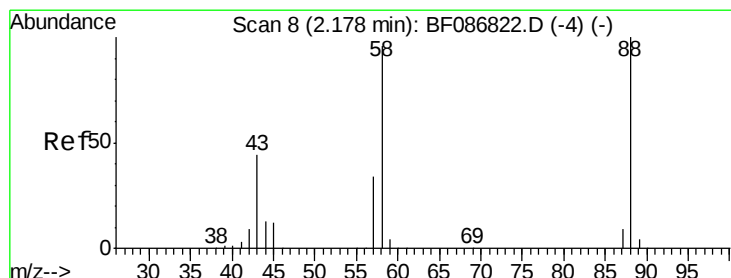
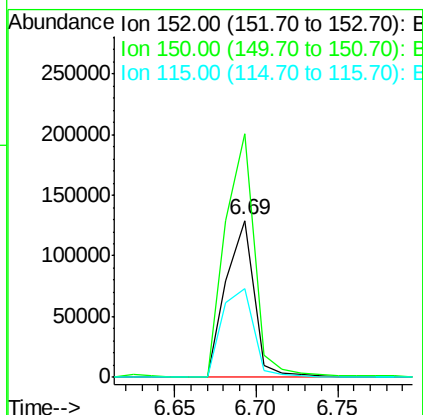
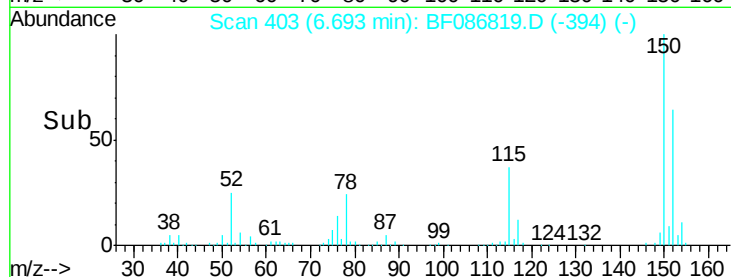
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion:152 Resp: 155107
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 57.0 51.5 77.3



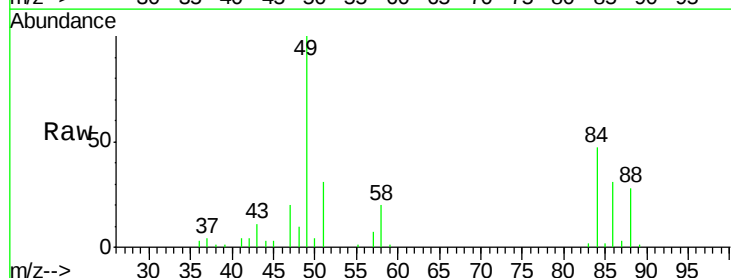
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



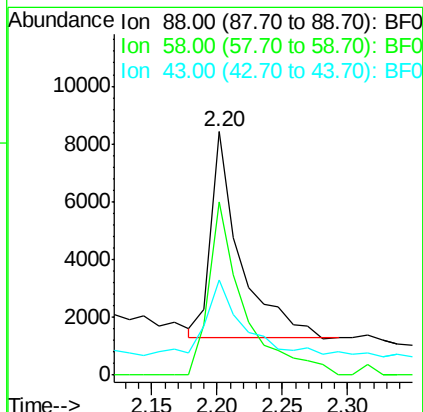
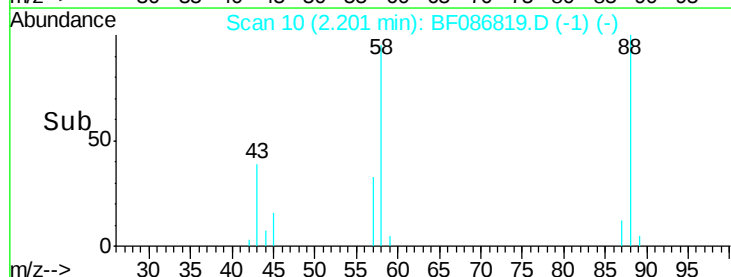
#2

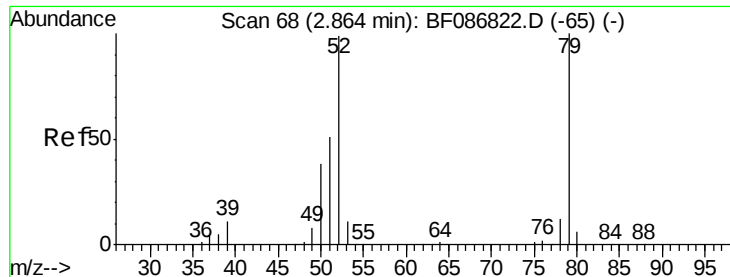
1,4-Dioxane
Concen: 2.39 ng
RT: 2.20 min Scan# 10
Delta R.T. 0.02 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion: 88 Resp: 11278
Ion Ratio Lower Upper
88 100
58 100.0 59.6 89.4#
43 55.2 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: 0.93 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.18 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

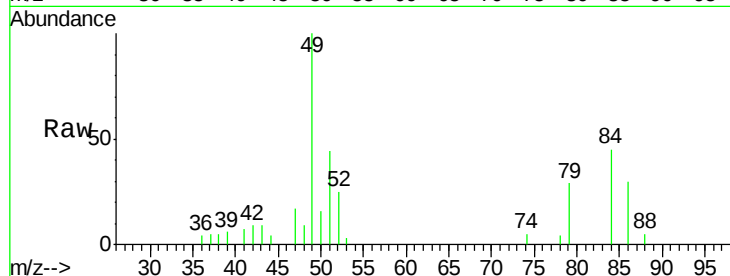
Tot Ion: 79 Resp: 10422

Ion Ratio Lower Upper

79 100

52 85.6 55.9 83.9#

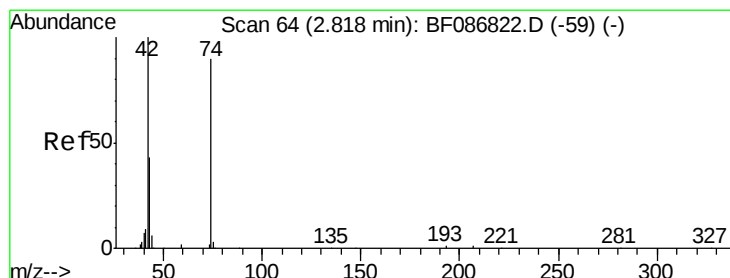
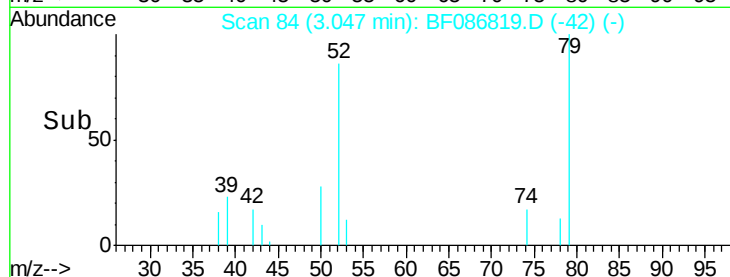
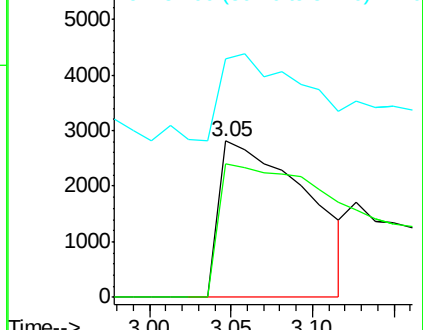
51 153.1 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 0.35 ng

RT: 2.77 min Scan# 60

Delta R.T. -0.05 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

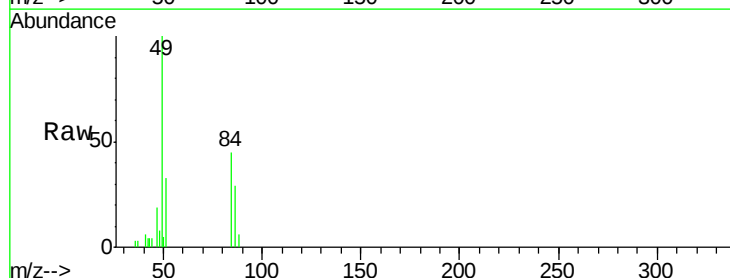
Tgt Ion: 42 Resp: 2206

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

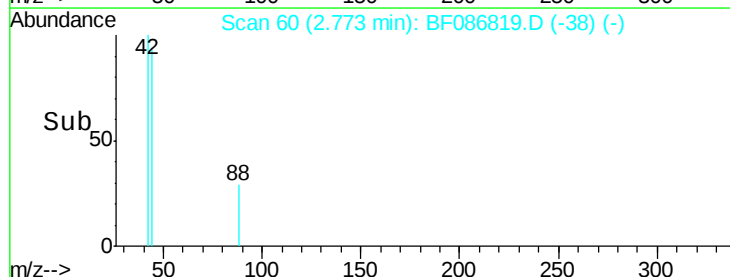
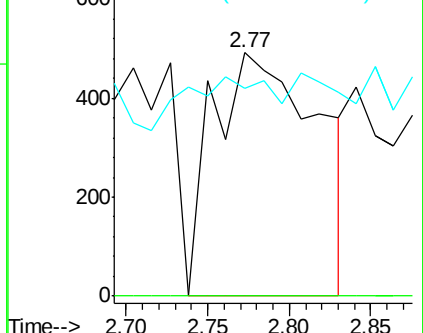
44 85.6 5.8 8.6#

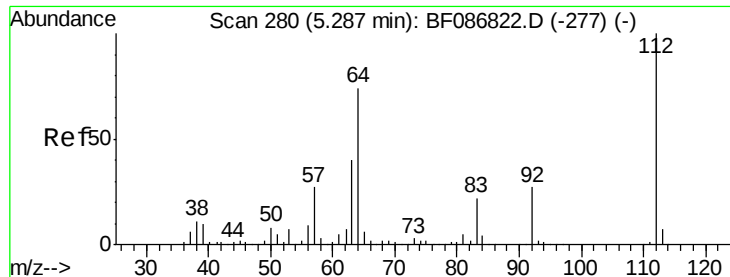


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 4.67 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

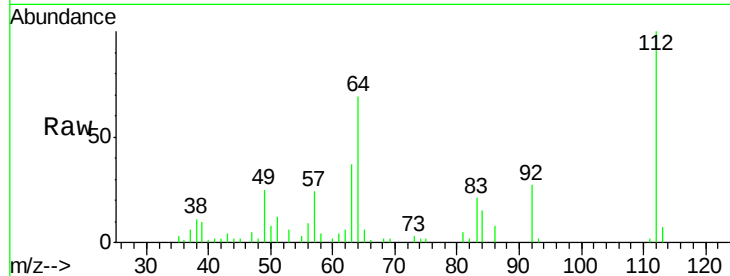
Tot Ion: 112 Resp: 41961

Ion Ratio Lower Upper

112 100

64 68.7 52.1 78.1

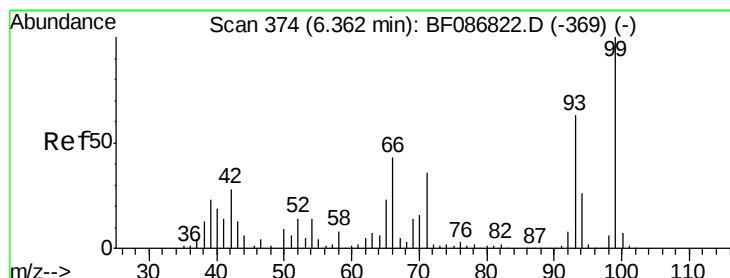
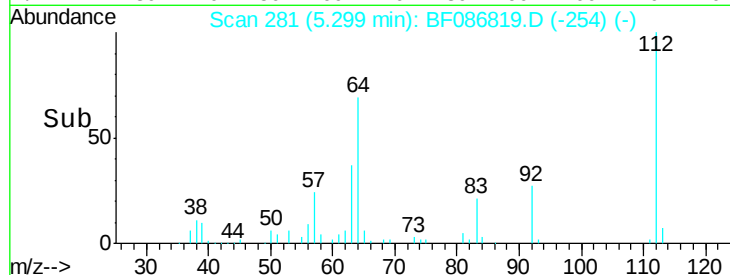
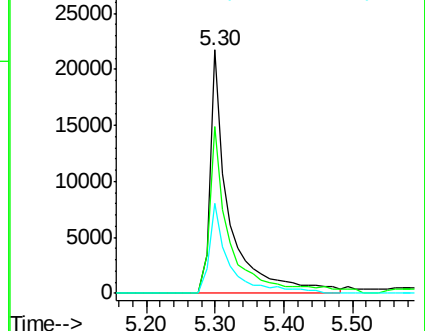
63 36.7 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.48 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

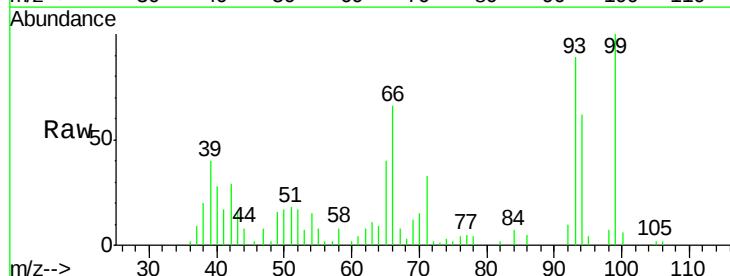
Tgt Ion: 93 Resp: 37590

Ion Ratio Lower Upper

93 100

66 73.6 39.0 58.6#

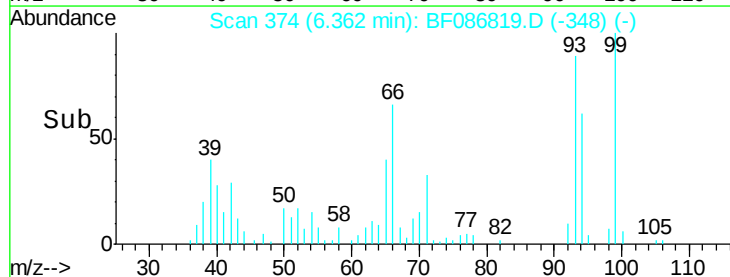
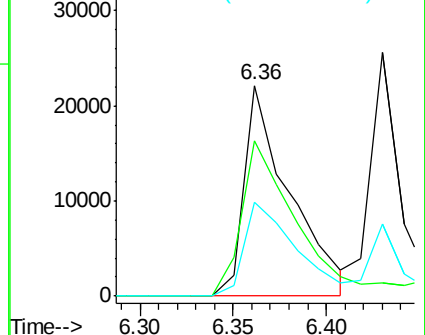
65 44.7 20.6 31.0#

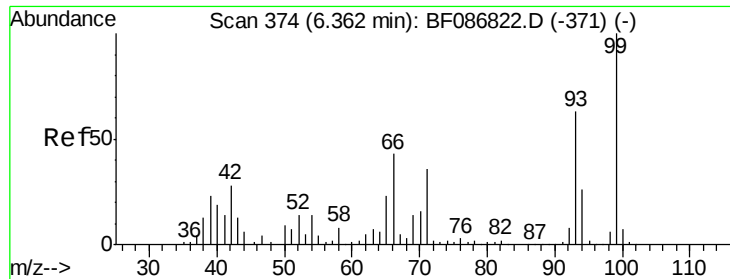


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.49 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

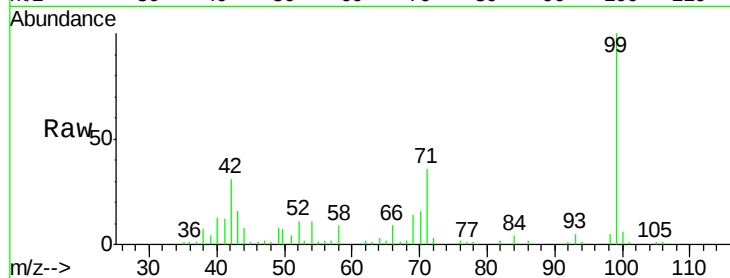
Tot Ion: 99 Resp: 68890

Ion Ratio Lower Upper

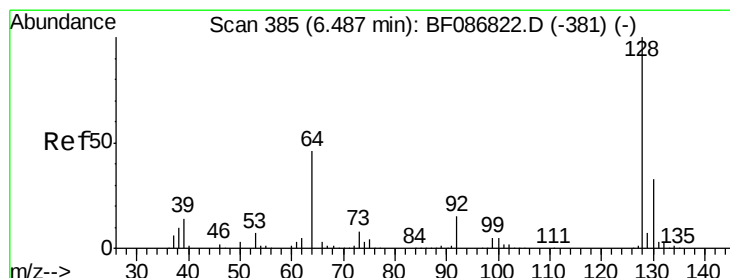
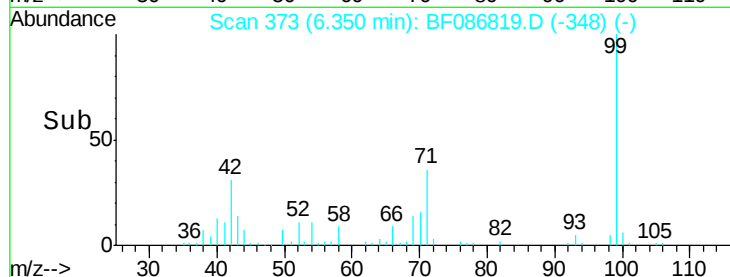
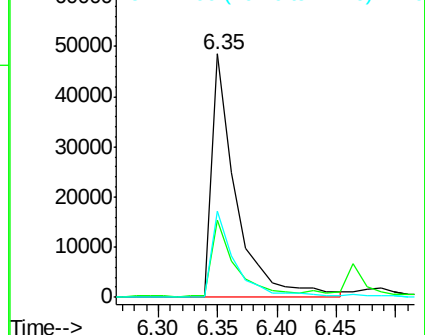
99 100

42 31.5 13.6 20.4#

71 35.6 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 2.68 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

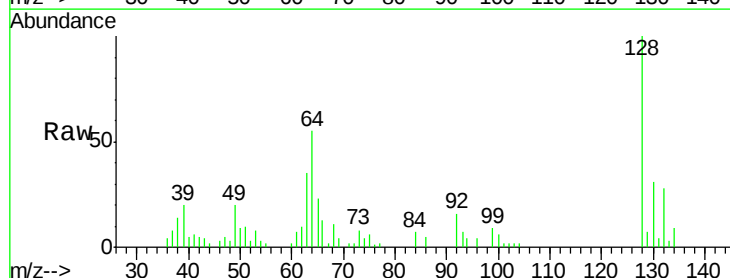
Tgt Ion: 128 Resp: 30039

Ion Ratio Lower Upper

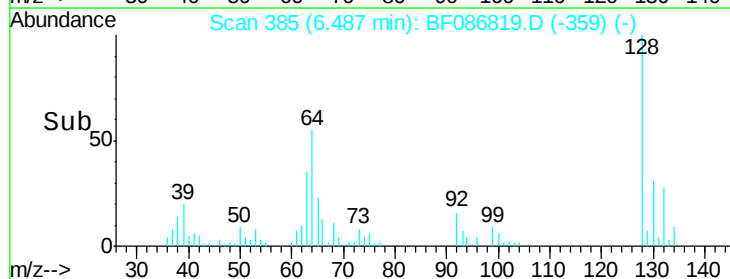
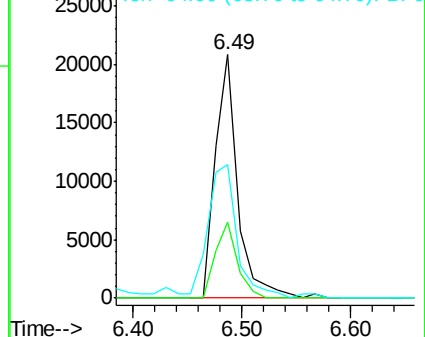
128 100

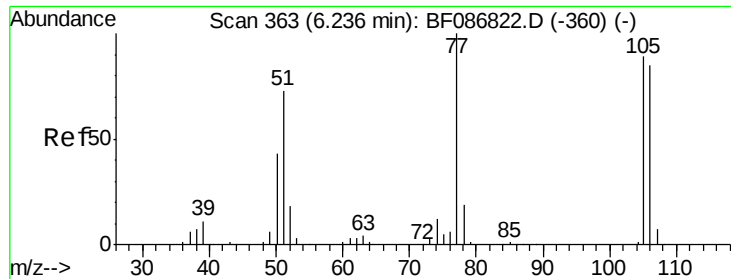
130 31.4 12.5 52.5

64 55.0 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.58 ng

RT: 6.25 min Scan# 364

Delta R.T. 0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

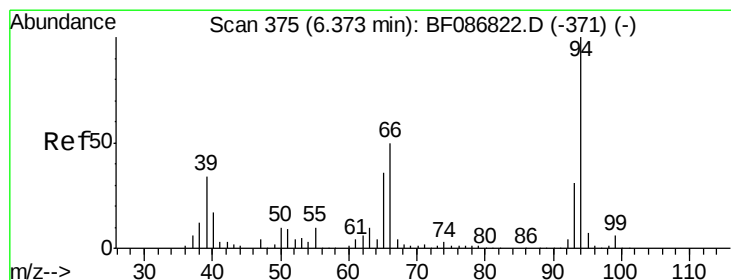
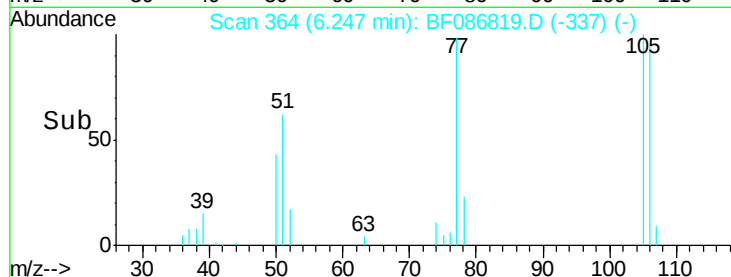
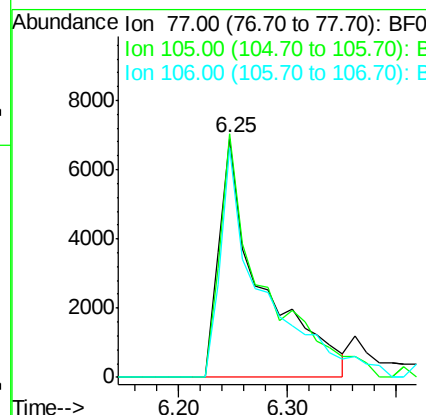
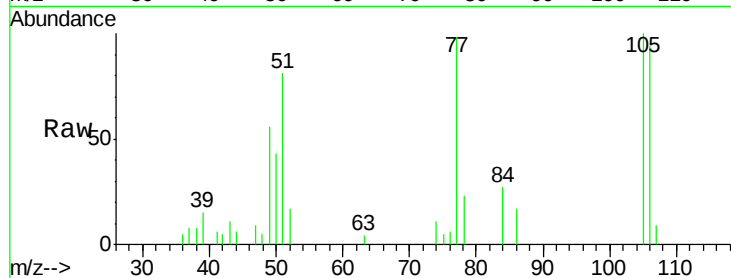
Tot Ion: 77 Resp: 18811

Ion Ratio Lower Upper

77 100

105 101.9 72.7 112.7

106 96.2 70.8 110.8



#10

Phenol

Concen: 2.90 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

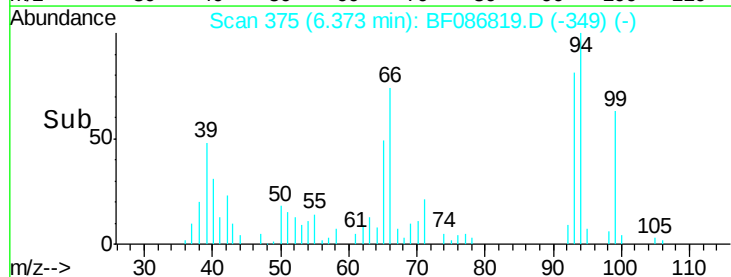
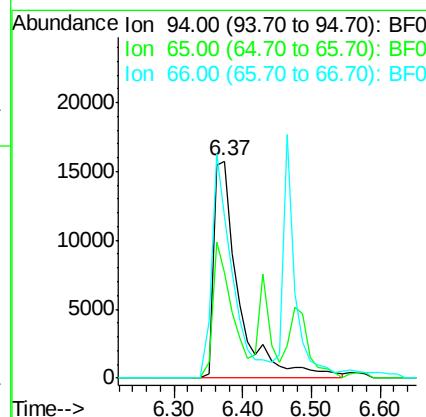
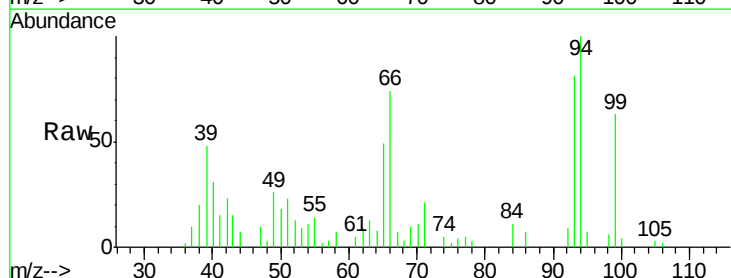
Tgt Ion: 94 Resp: 40663

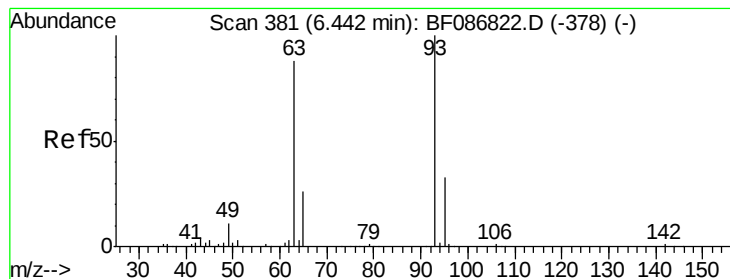
Ion Ratio Lower Upper

94 100

65 48.7 7.2 47.2#

66 74.4 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 2.49 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

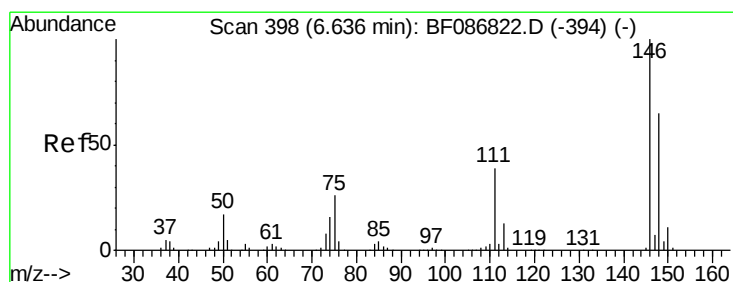
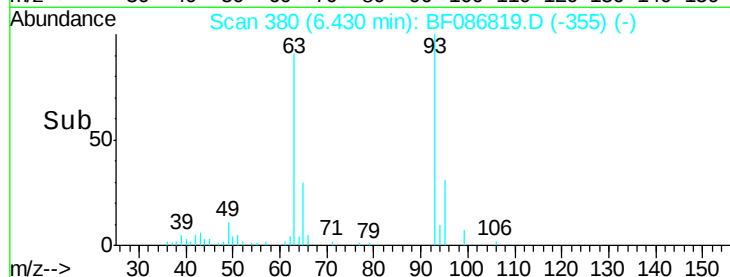
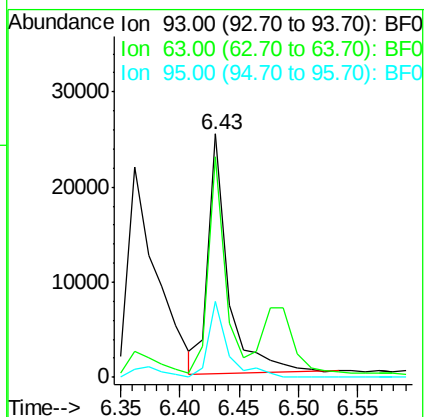
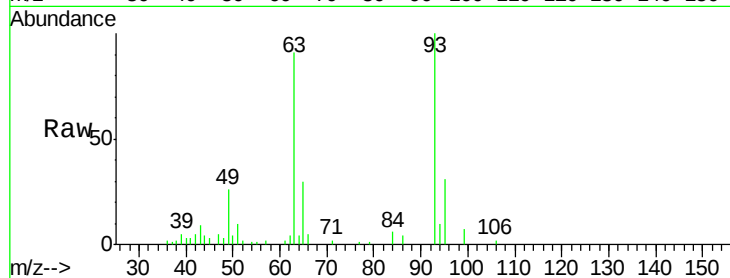
Tot Ion: 93 Resp: 30144

Ion Ratio Lower Upper

93 100

63 90.7 58.0 98.0

95 31.4 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 2.57 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.23 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

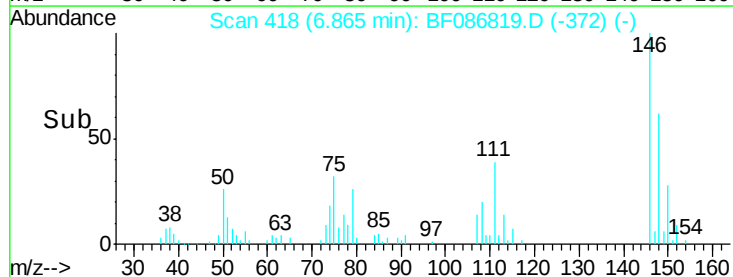
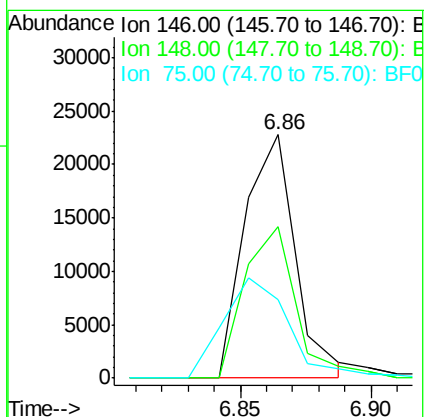
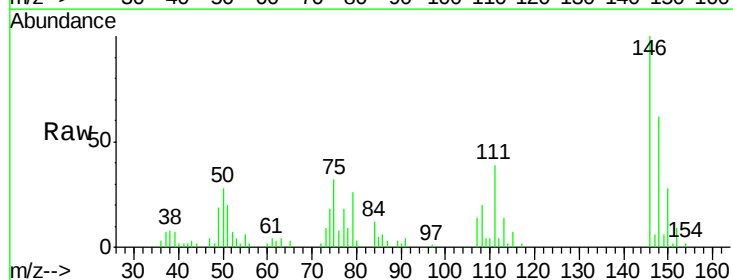
Tgt Ion: 146 Resp: 31021

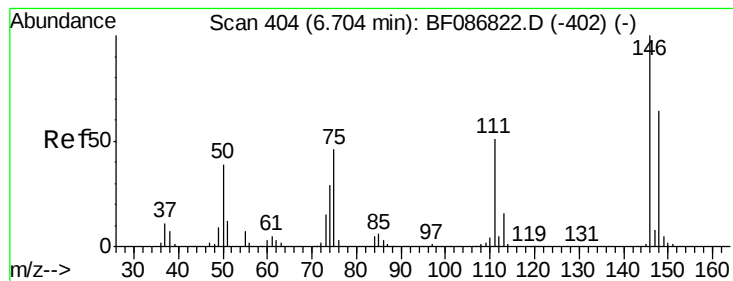
Ion Ratio Lower Upper

146 100

148 62.0 52.4 78.6

75 32.3 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 2.85 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

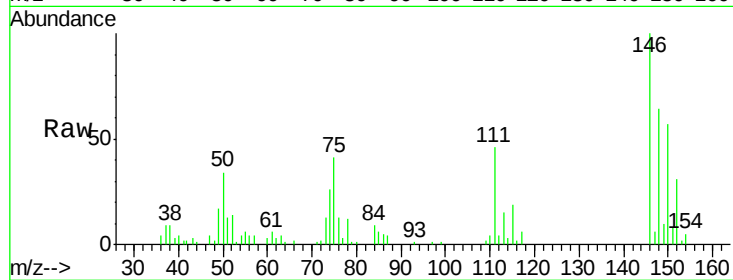
Tot Ion:146 Resp: 35448

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

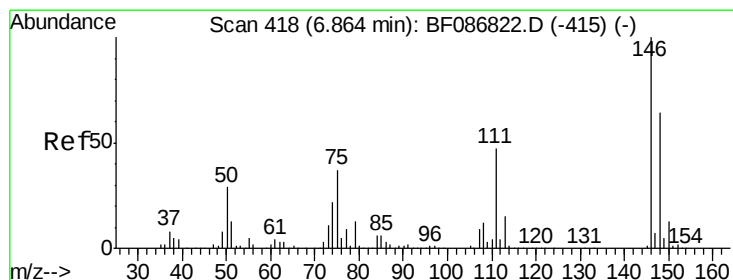
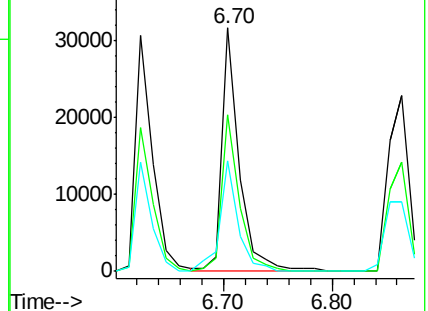
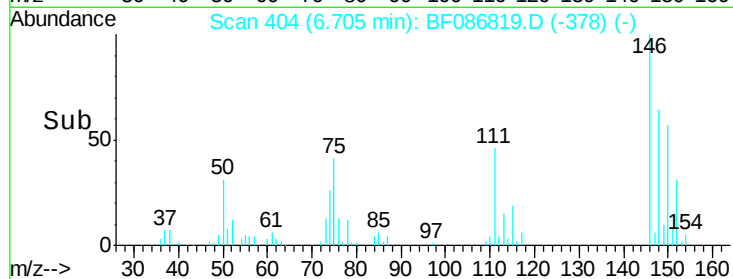
111 45.5 30.7 46.1



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: 2.86 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

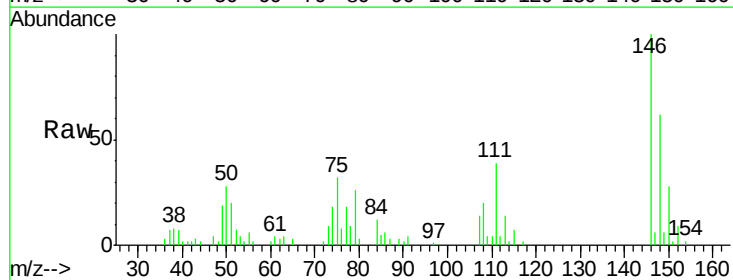
Tgt Ion:146 Resp: 32594

Ion Ratio Lower Upper

146 100

148 62.0 51.0 76.6

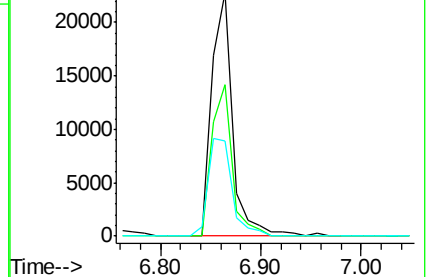
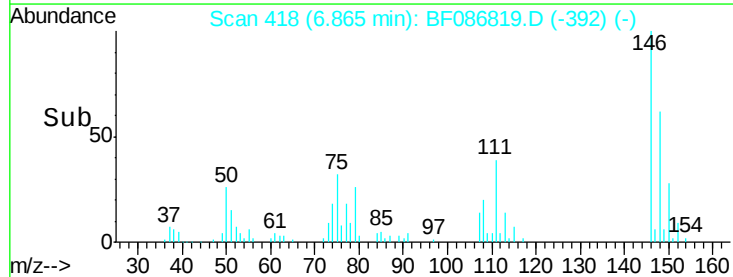
111 39.3 36.2 54.4

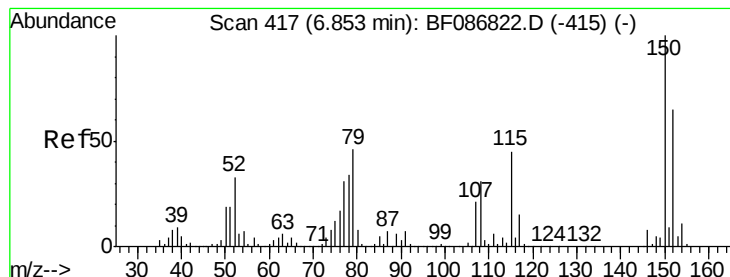


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.63 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

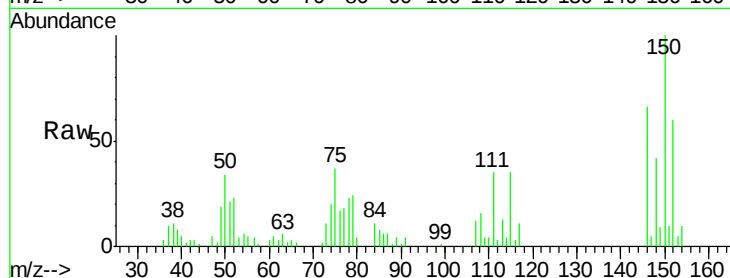
Tot Ion: 79 Resp: 20856

Ion Ratio Lower Upper

79 100

108 66.1 68.4 102.6#

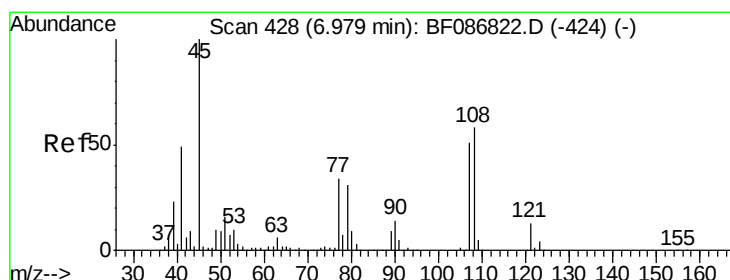
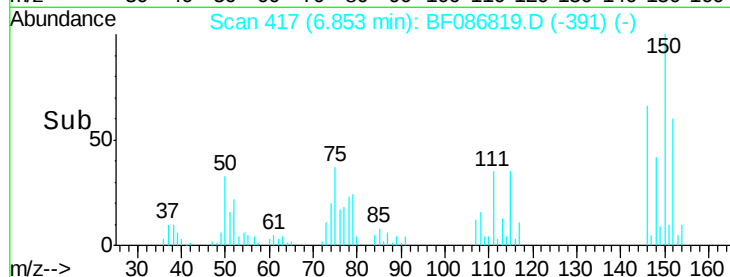
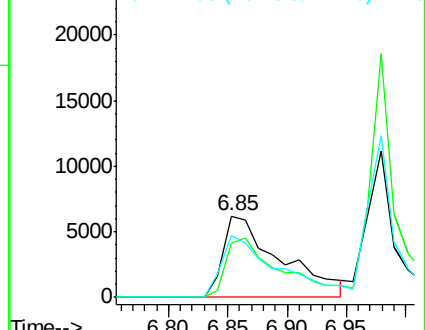
77 76.5 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.15 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

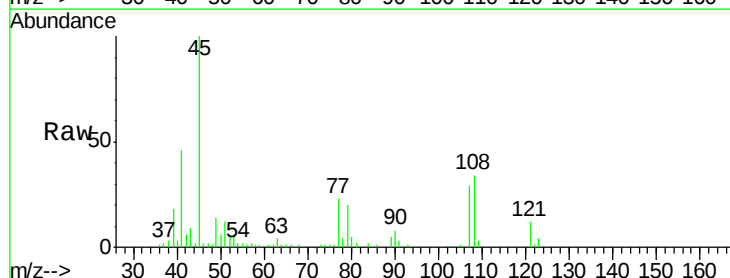
Tgt Ion: 45 Resp: 76389

Ion Ratio Lower Upper

45 100

77 22.6 0.0 36.4

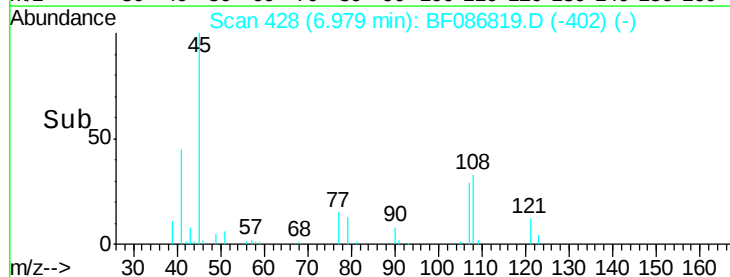
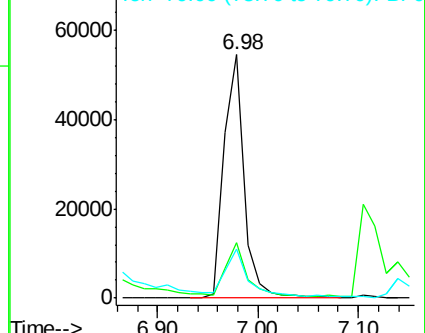
79 20.4 0.0 33.4

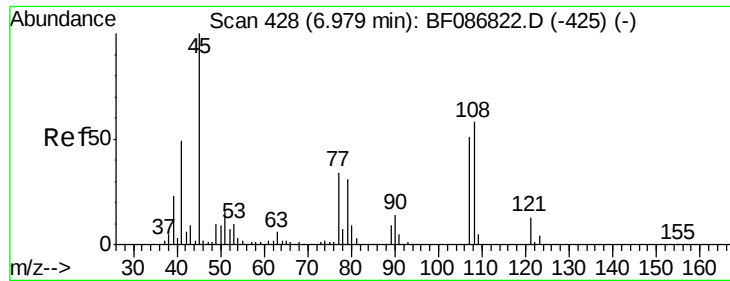


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 2.47 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

Tot Ion:107 Resp: 22334

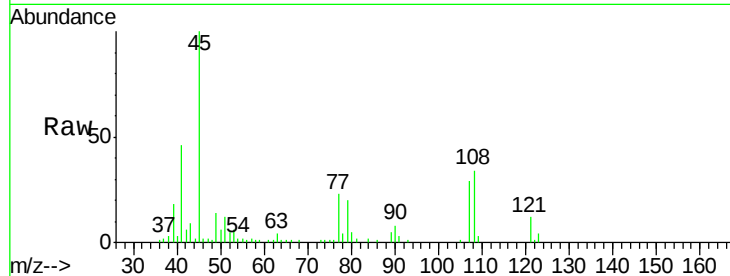
Ion Ratio Lower Upper

107 100

108 117.6 93.7 140.5

77 78.2 33.4 50.0#

79 70.5 34.3 51.5#

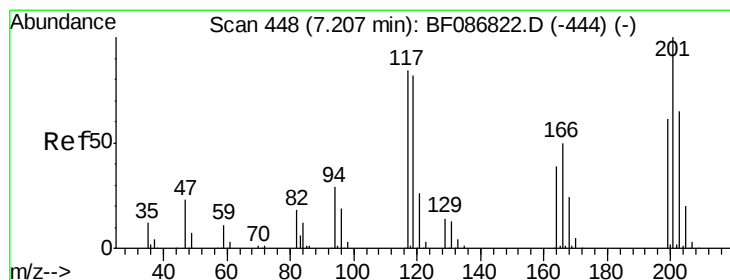
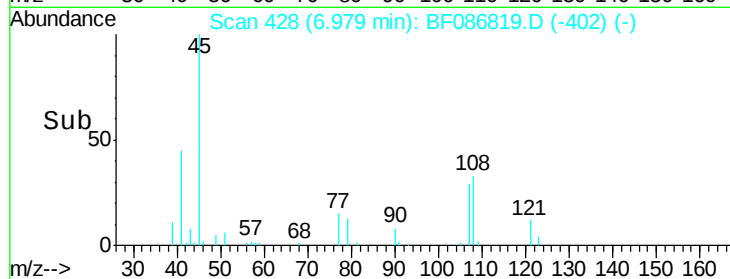
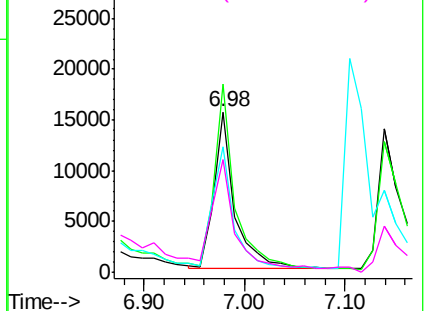


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.68 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

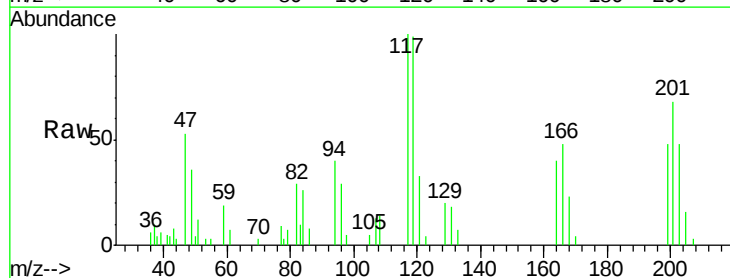
Tgt Ion:117 Resp: 12434

Ion Ratio Lower Upper

117 100

119 99.5 76.5 114.7

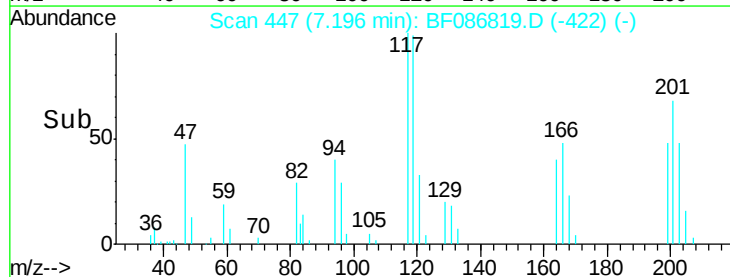
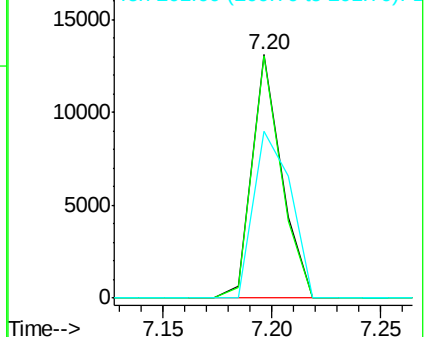
201 68.4 63.0 94.6

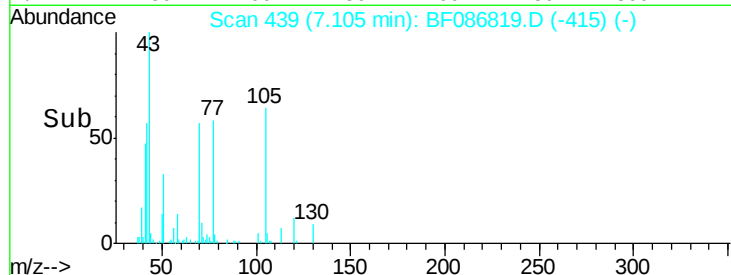
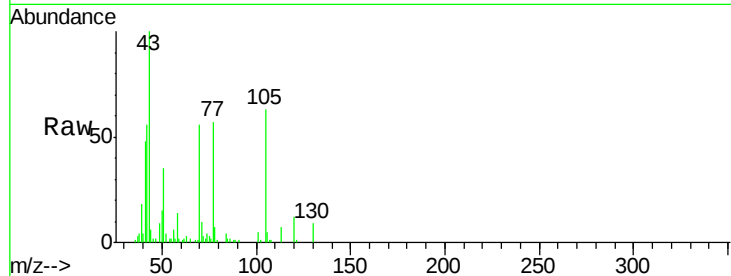
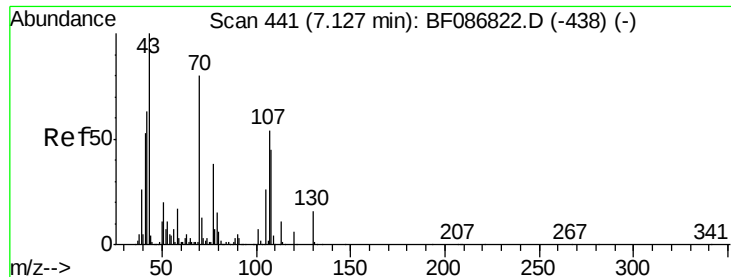


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

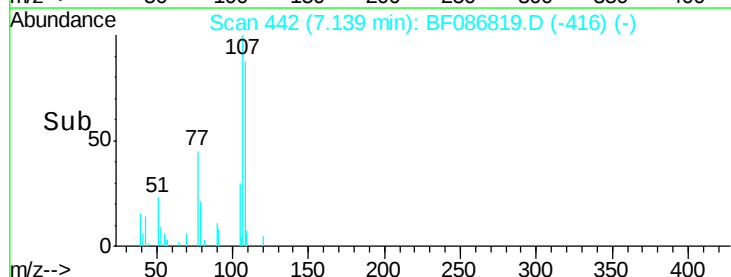
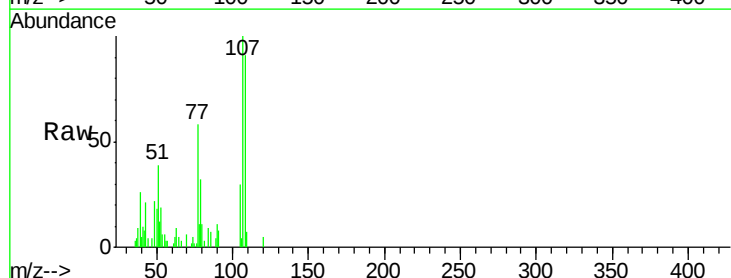
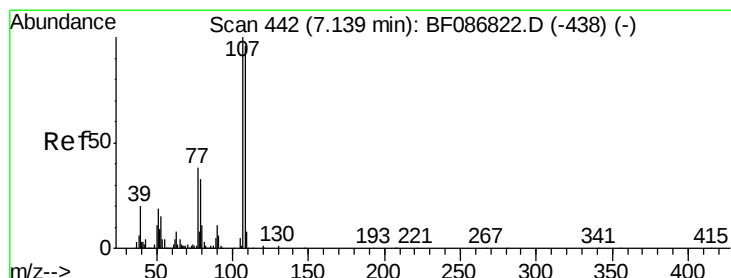
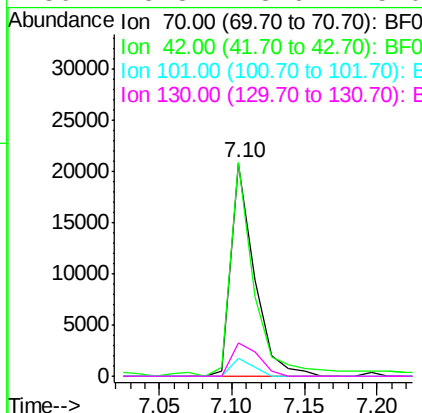




#19
n-Nitroso-di-n-propylamine
Concen: 2.80 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

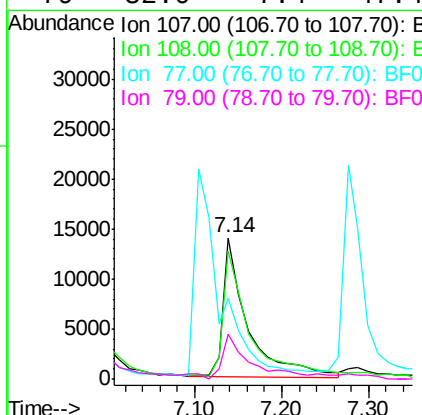
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

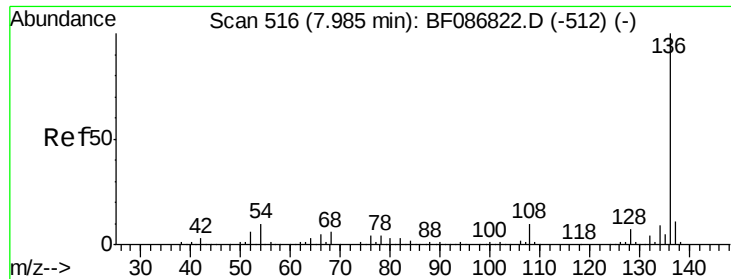
Tot Ion: 70 Resp: 23255
Ion Ratio Lower Upper
70 100
42 100.4 43.1 64.7#
101 8.5 8.1 12.1
130 15.8 18.6 28.0#



#20
3+4-Methylphenols
Concen: 2.74 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion: 107 Resp: 28294
Ion Ratio Lower Upper
107 100
108 91.1 68.5 108.5
77 57.6 101.6 141.6#
79 32.0 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

Tot Ion:136 Resp: 646579

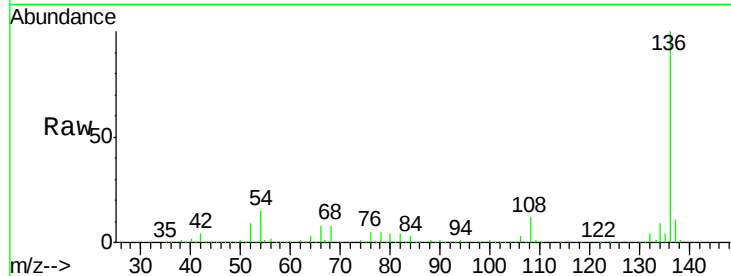
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.7 5.0 7.4#

68 8.0 4.4 6.6#

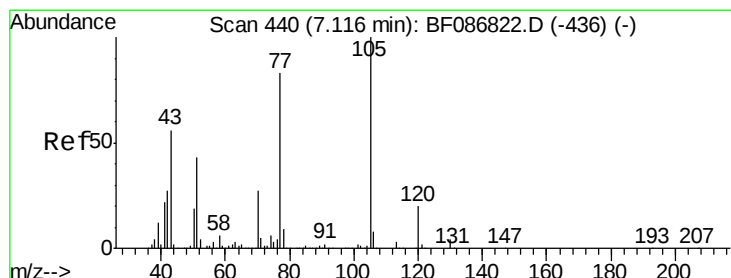
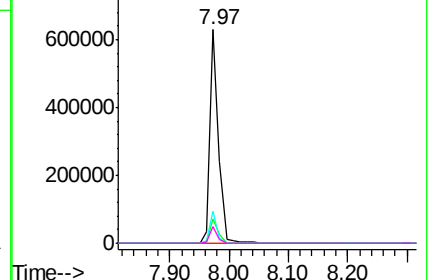
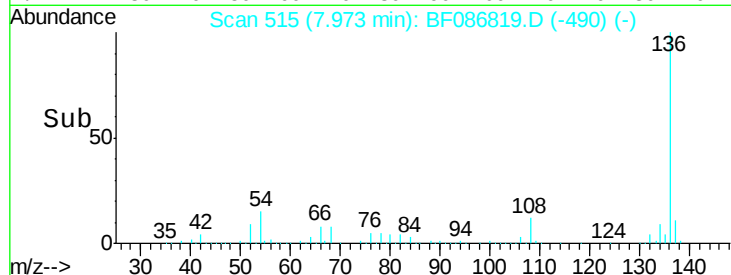


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.92 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Tgt Ion:105 Resp: 41351

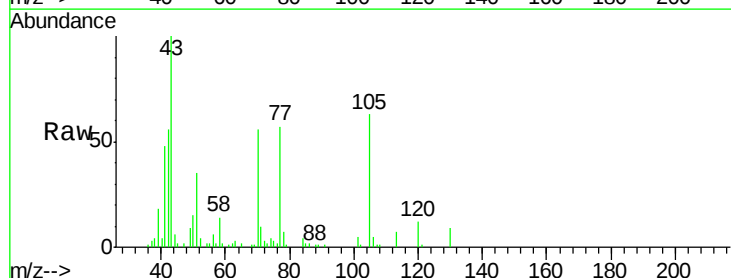
Ion Ratio Lower Upper

105 100

71 15.6 4.8 7.2#

51 55.1 32.6 49.0#

120 18.9 16.5 24.7

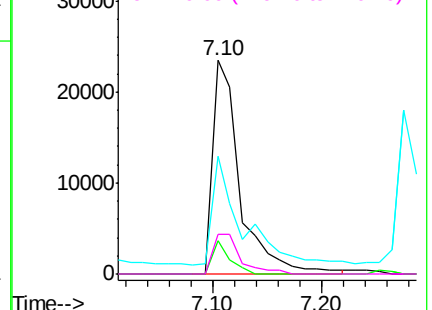
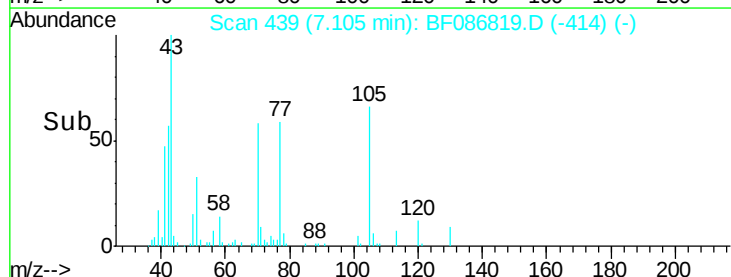


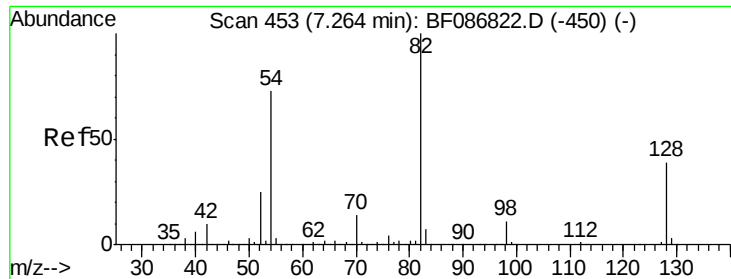
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

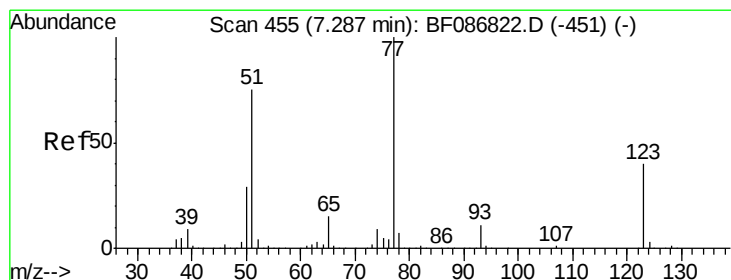
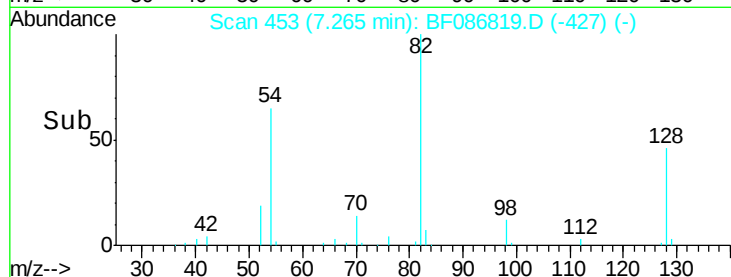
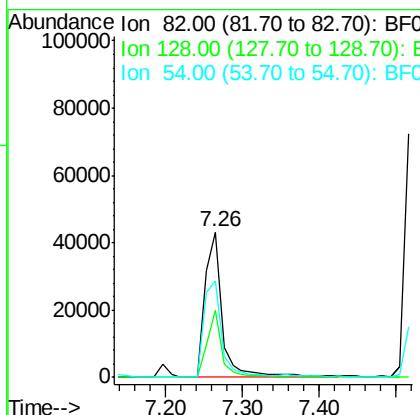
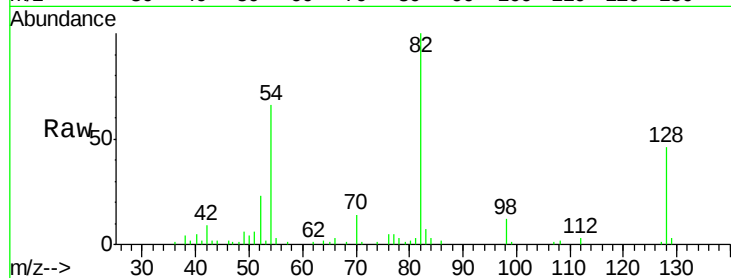




#23
 Nitrobenzene-d5
 Concen: 5.56 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

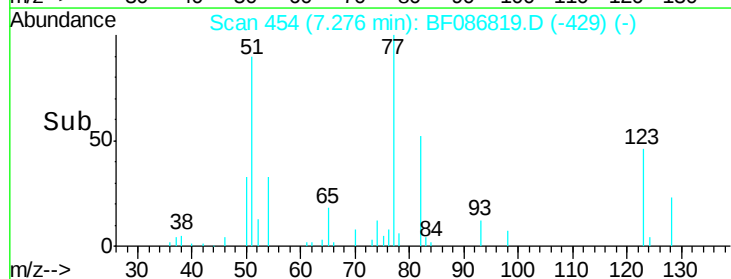
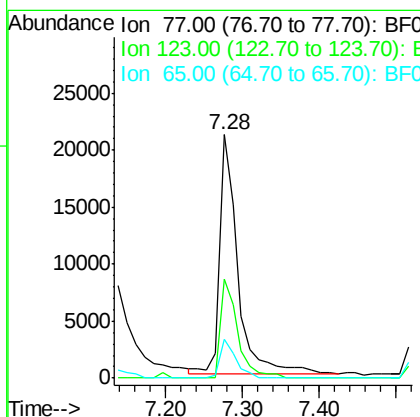
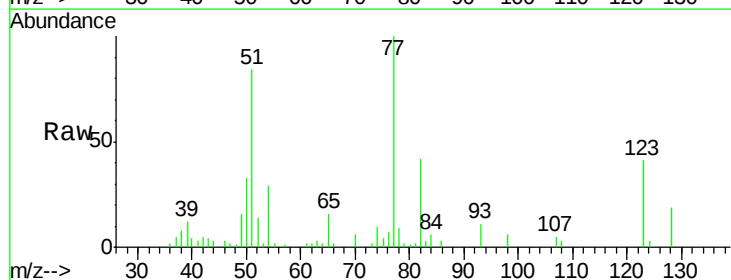
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

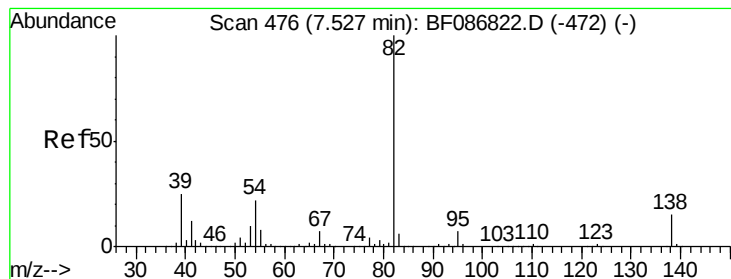
Tot Ion: 82 Resp: 66668
 Ion Ratio Lower Upper
 82 100
 128 45.8 40.6 61.0
 54 66.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 2.82 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Tgt Ion: 77 Resp: 34771
 Ion Ratio Lower Upper
 77 100
 123 40.6 33.0 49.4
 65 16.1 10.8 16.2





#25

Isophorone

Concen: 2.95 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

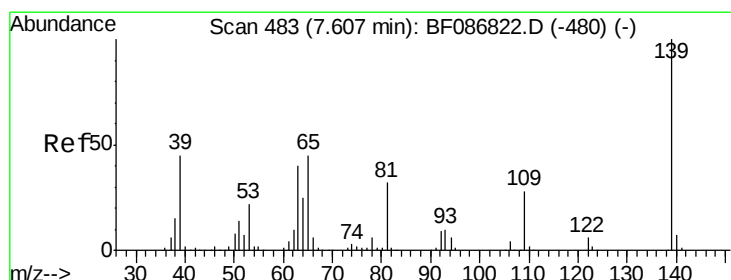
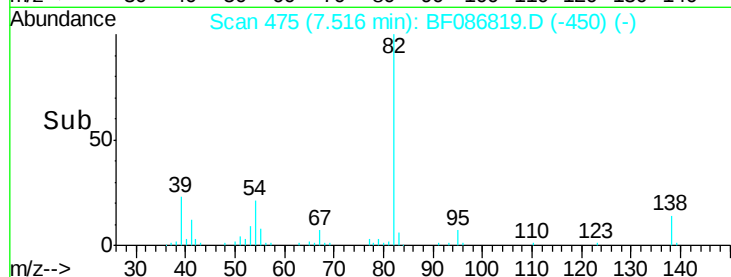
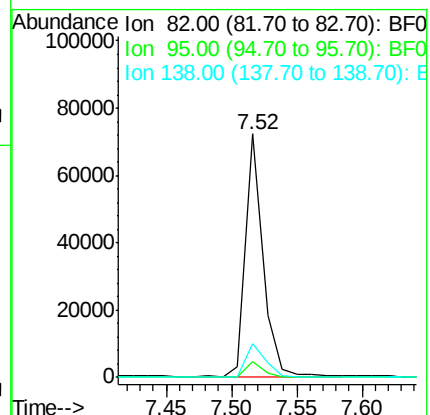
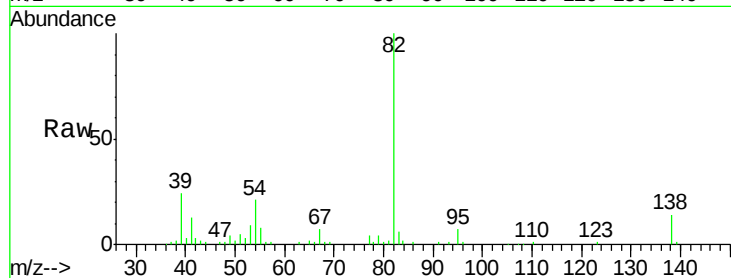
Tot Ion: 82 Resp: 68171

Ion Ratio Lower Upper

82 100

95 6.5 5.1 7.7

138 13.6 12.4 18.6



#26

2-Nitrophenol

Concen: 2.37 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

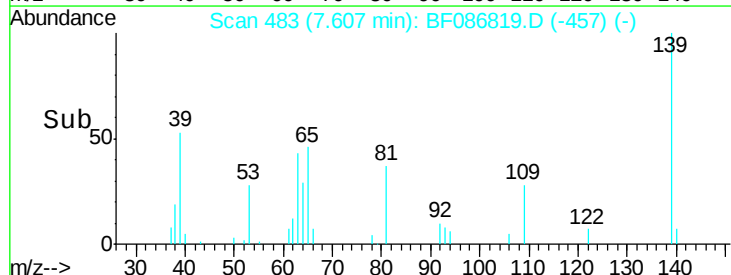
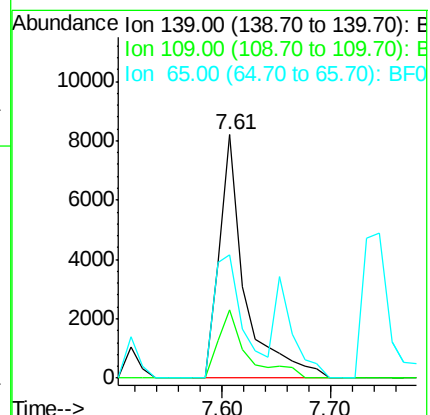
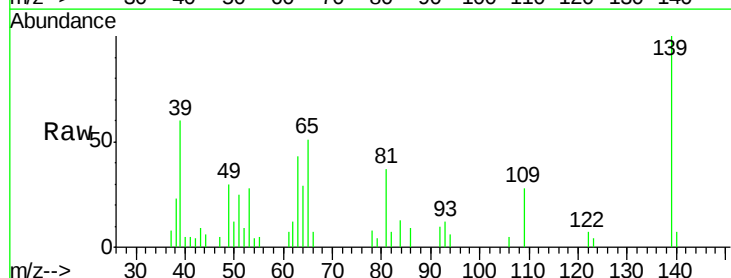
Tgt Ion: 139 Resp: 13472

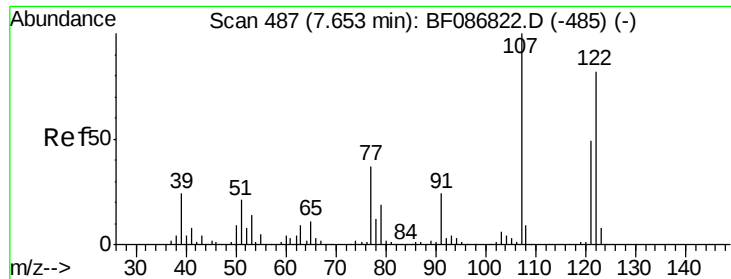
Ion Ratio Lower Upper

139 100

109 28.1 19.5 29.3

65 50.9 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 2.79 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

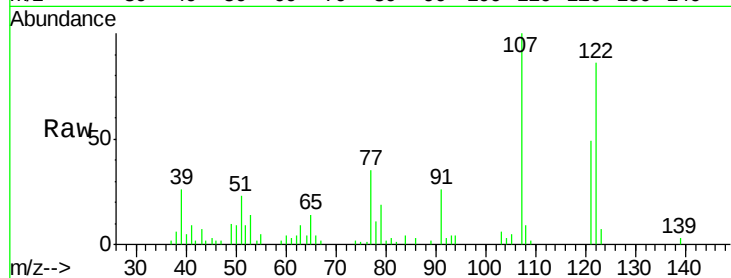
Tot Ion:122 Resp: 27857

Ion Ratio Lower Upper

122 100

107 116.8 82.0 123.0

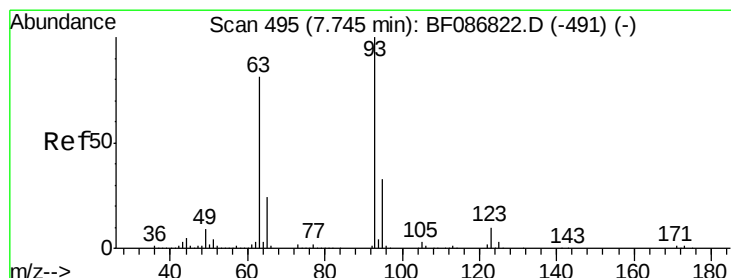
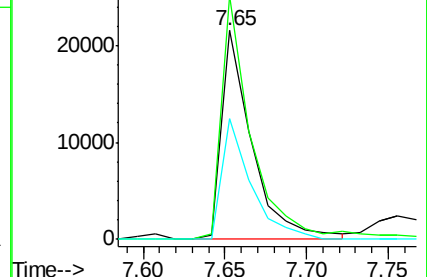
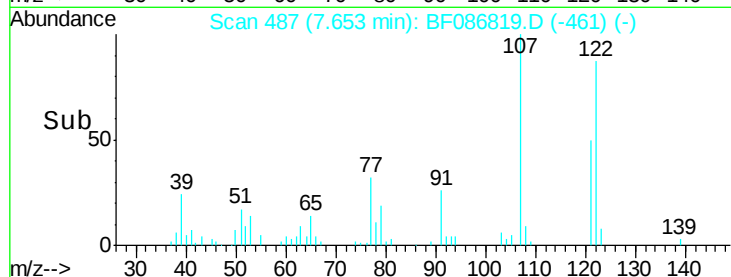
121 57.7 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.74 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

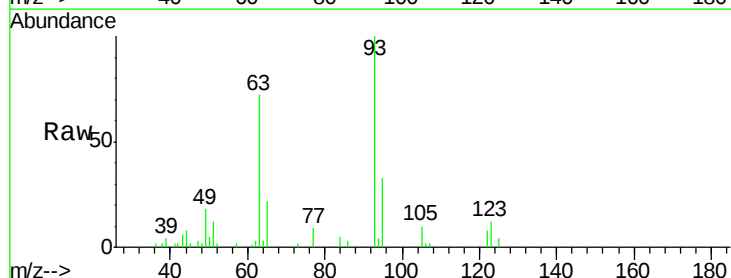
Tgt Ion: 93 Resp: 34516

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

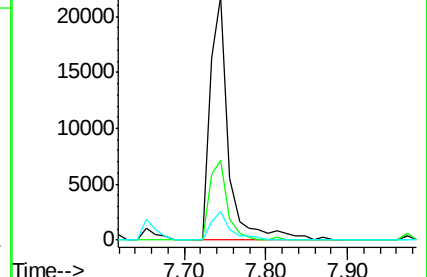
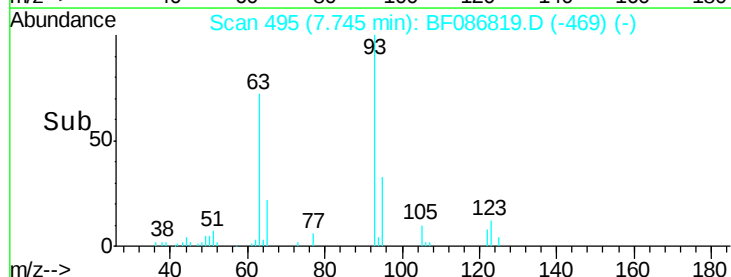
123 12.0 9.5 14.3

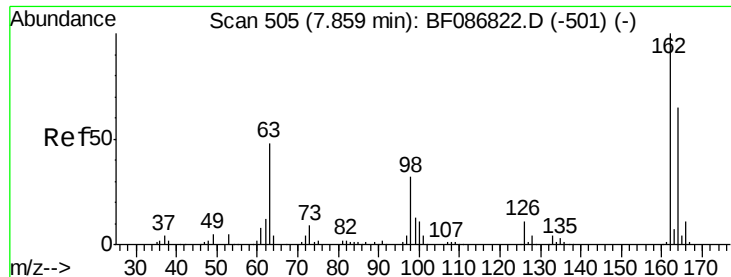


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

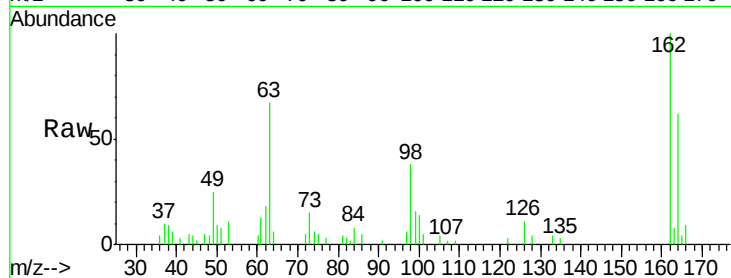




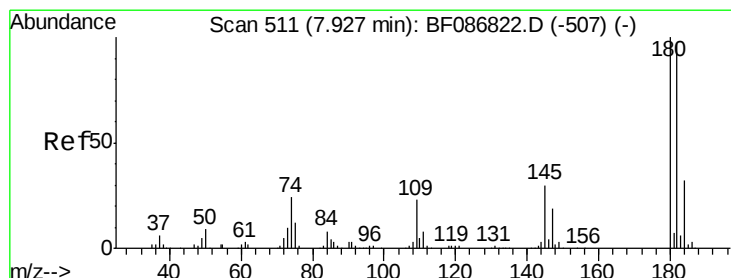
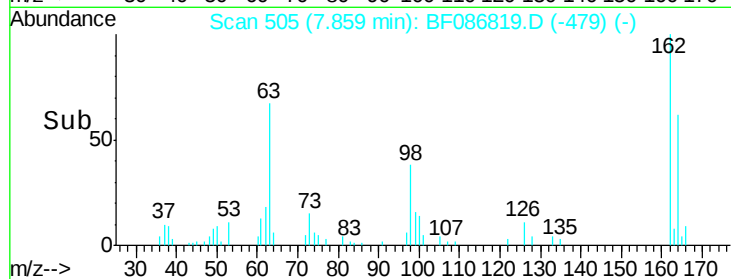
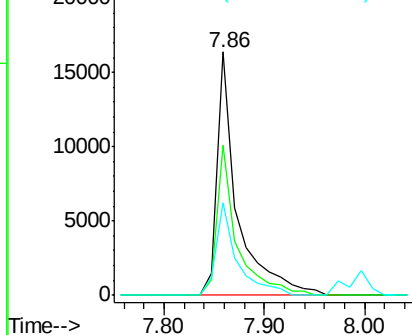
#29
 2,4-Dichlorophenol
 Concen: 2.73 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:162 Resp: 22941
 Ion Ratio Lower Upper
 162 100
 164 61.6 42.2 82.2
 98 37.9 19.0 59.0

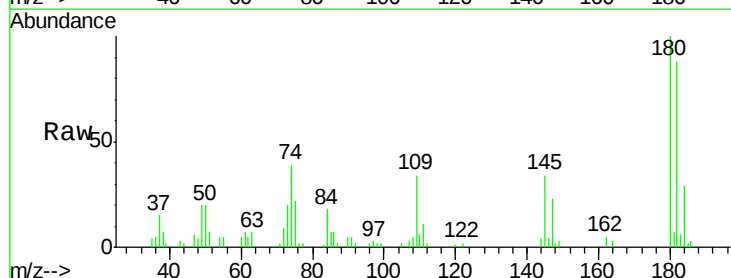


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

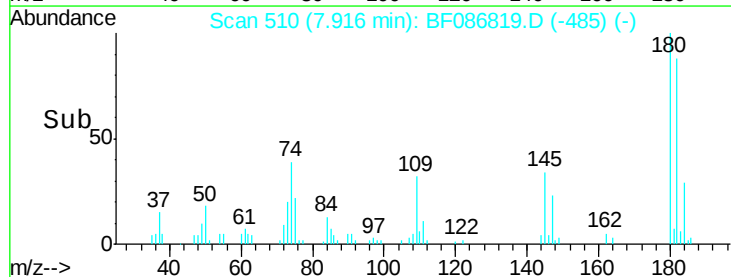
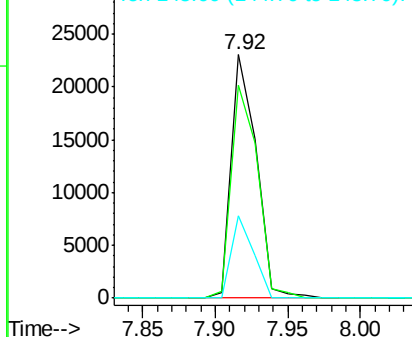


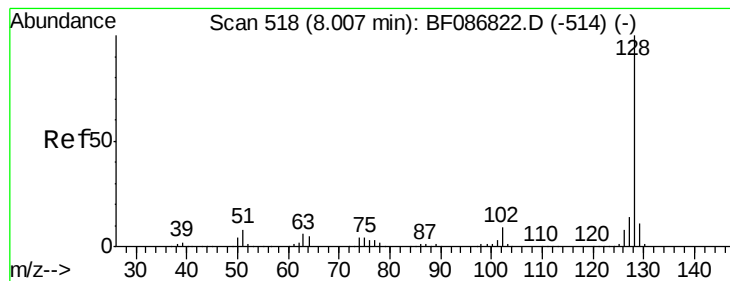
#30
 1,2,4-Trichlorobenzene
 Concen: 2.83 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Tgt Ion:180 Resp: 27581
 Ion Ratio Lower Upper
 180 100
 182 87.6 78.0 117.0
 145 33.9 24.2 36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 3.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

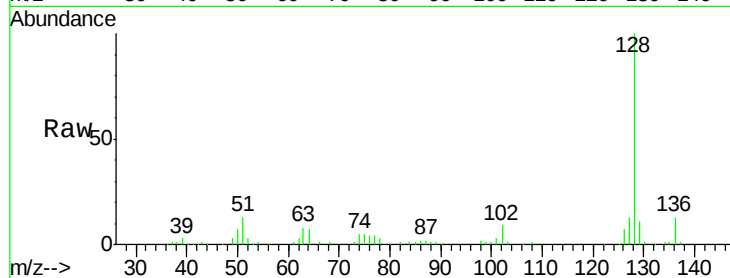
Tot Ion:128 Resp: 98578

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

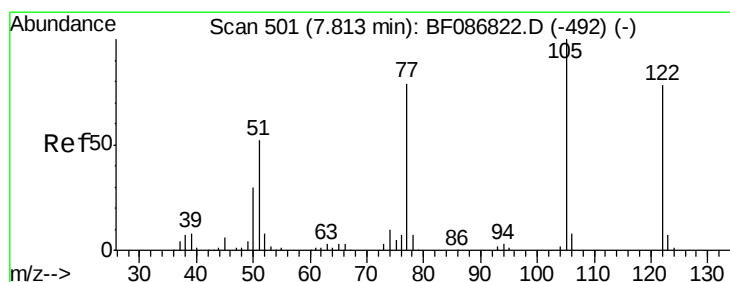
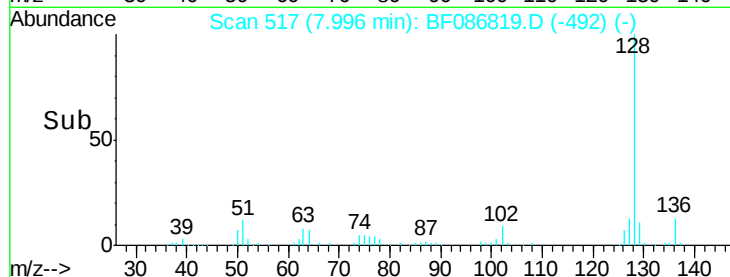
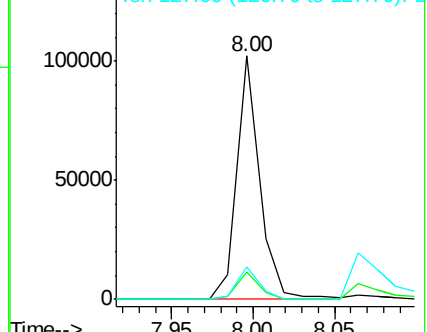
127 13.2 10.8 16.2



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: 1.43 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.06 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

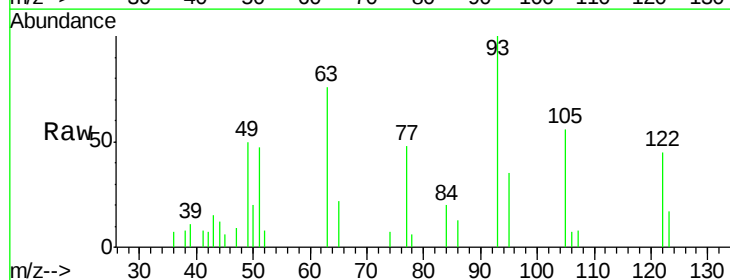
Tgt Ion:122 Resp: 7408

Ion Ratio Lower Upper

122 100

105 123.9 92.6 132.6

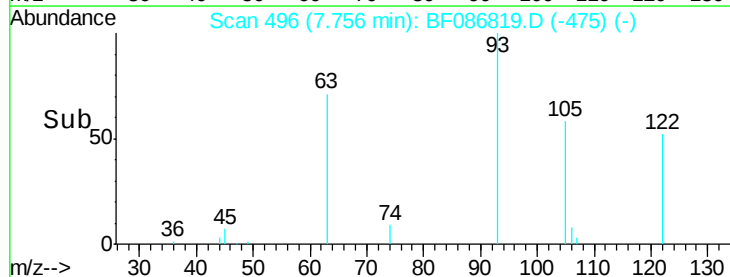
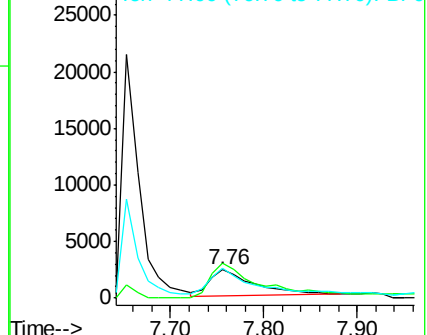
77 106.4 60.0 100.0#

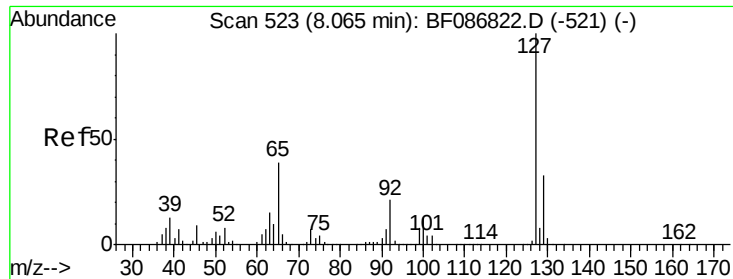


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

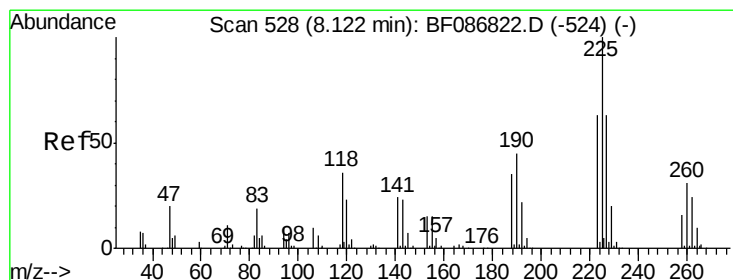
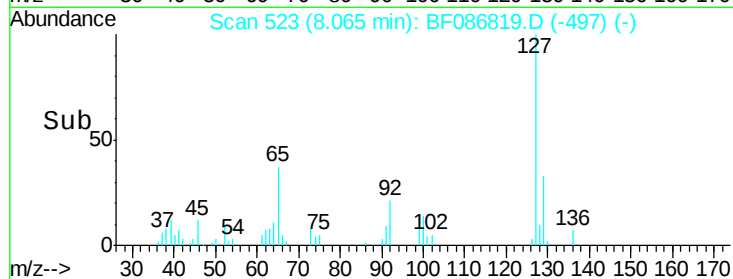
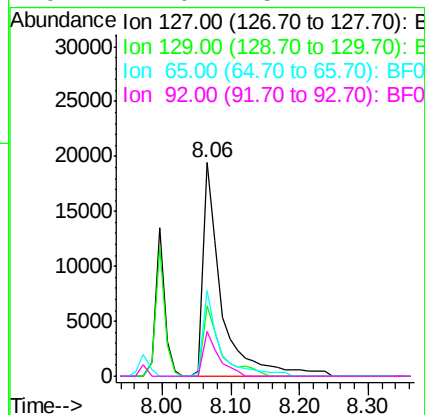
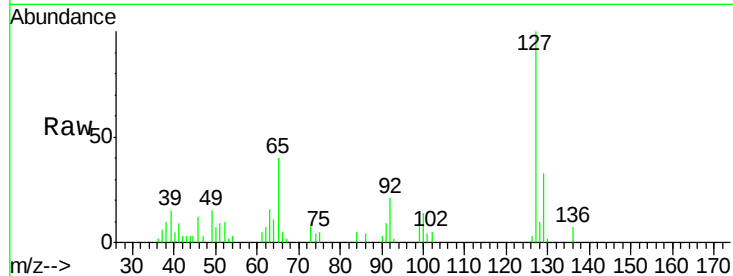




#33
4-Chloroaniline
Concen: 2.90 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

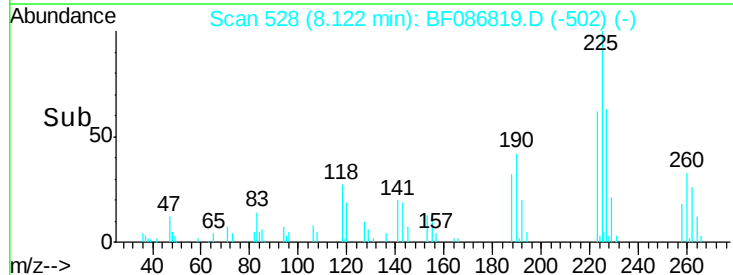
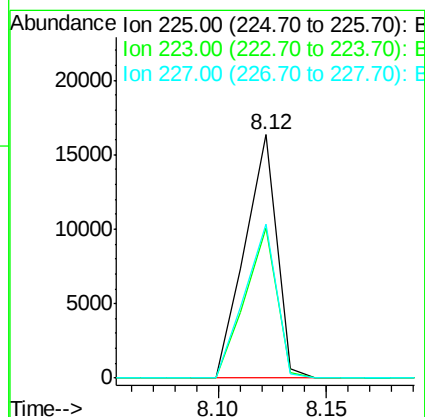
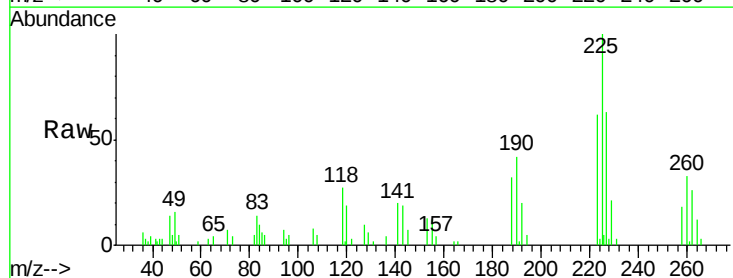
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

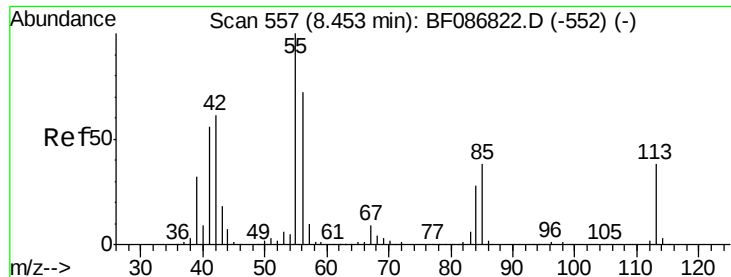
Tot Ion:	127	Resp:	35698
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	39.9	23.0	34.4
92	21.0	15.1	22.7



#34
Hexachlorobutadiene
Concen: 3.05 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion:	225	Resp:	16672
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.5	77.3
227	63.1	52.2	78.2





#35

Caprolactam

Concen: 2.40 ng

RT: 8.41 min Scan# 553

Delta R.T. -0.05 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

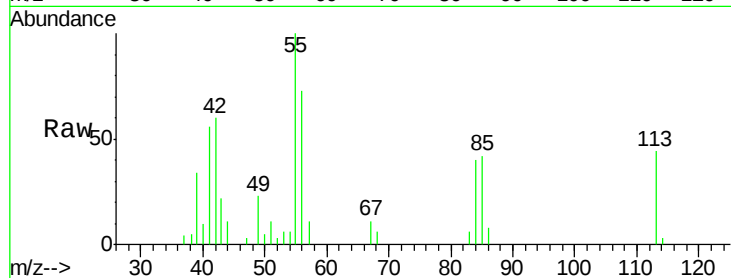
Tot Ion:113 Resp: 6741

Ion Ratio Lower Upper

113 100

55 228.6 162.0 202.0#

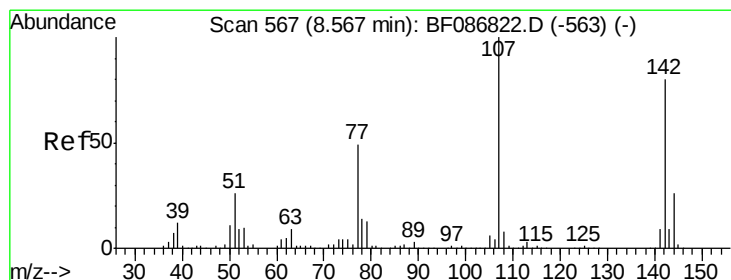
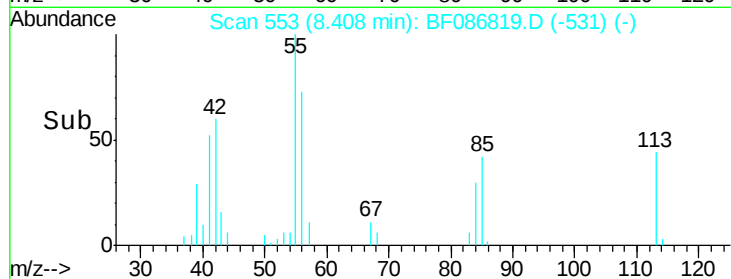
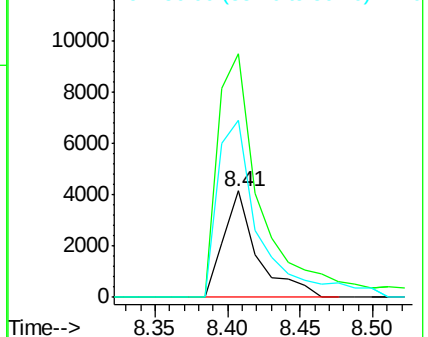
56 165.8 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.97 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

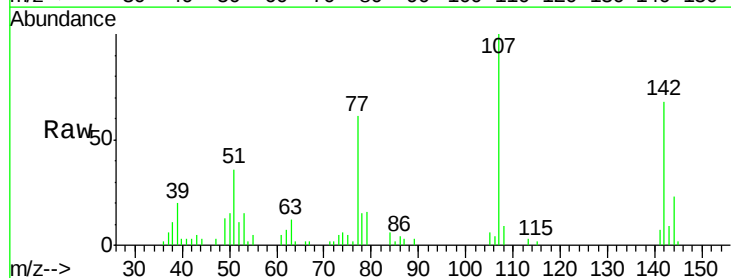
Tgt Ion:107 Resp: 28565

Ion Ratio Lower Upper

107 100

144 23.1 20.7 31.1

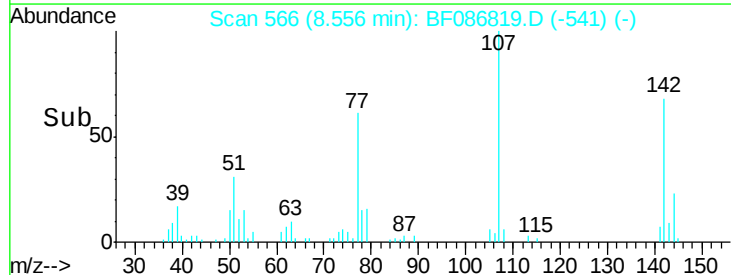
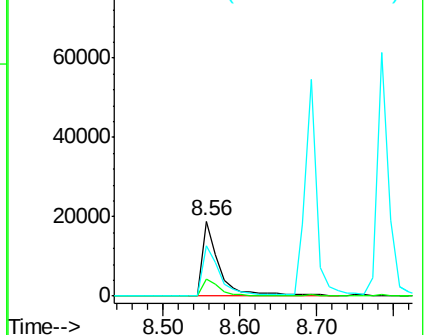
142 67.9 63.2 94.8

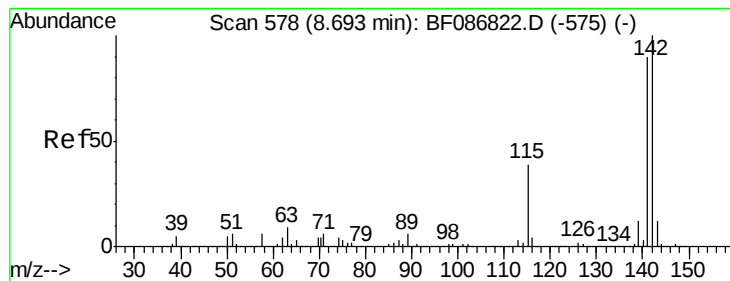


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 3.05 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

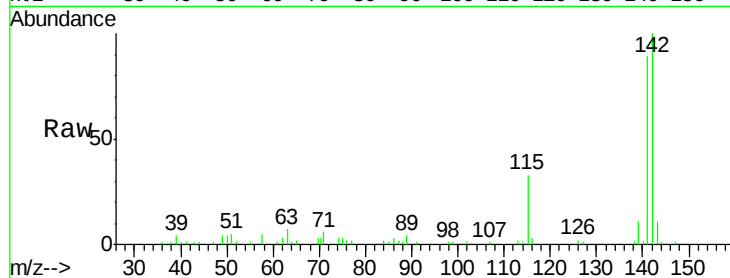
Tot Ion:142 Resp: 59229

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6

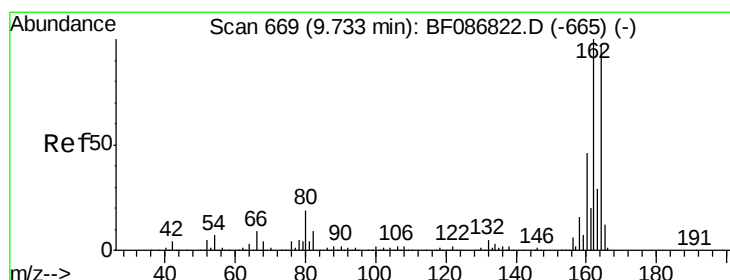
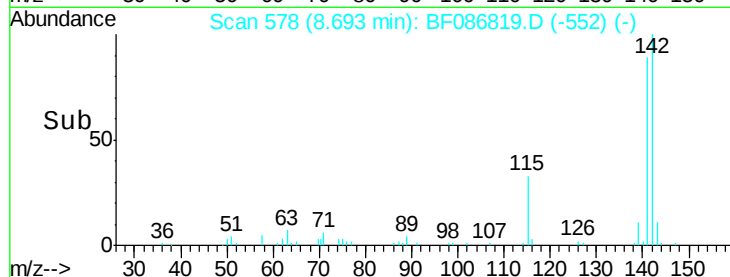
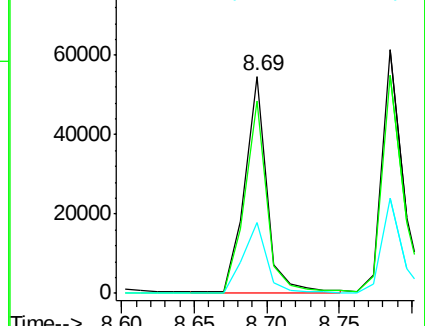
115 32.6 26.6 39.8



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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

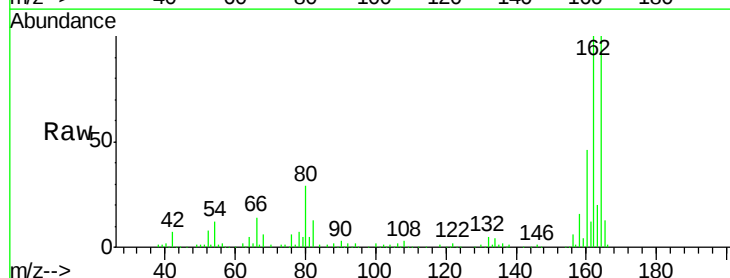
Tgt Ion:164 Resp: 328940

Ion Ratio Lower Upper

164 100

162 100.4 82.8 124.2

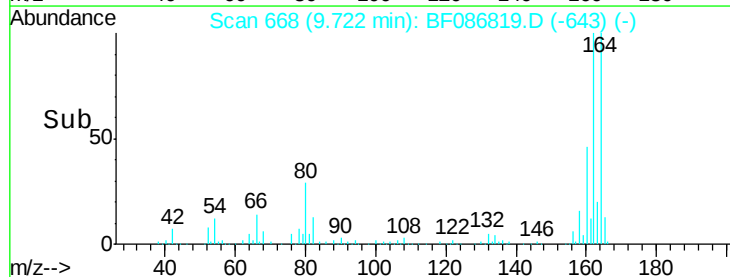
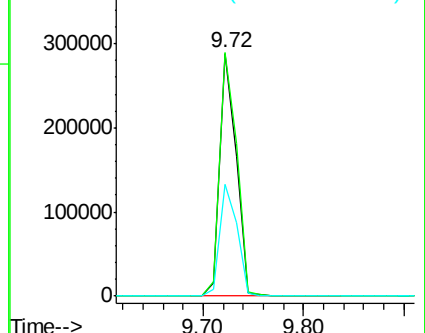
160 46.3 36.9 55.3

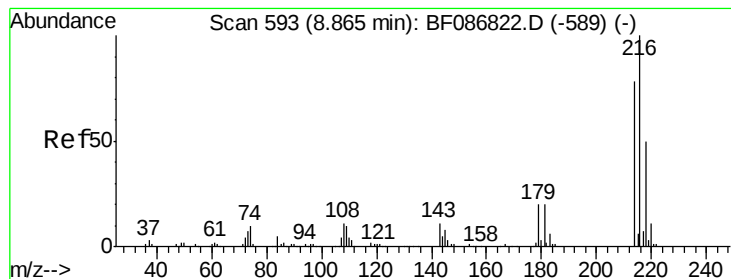


Abundance Ion 164.00 (163.70 to 164.70): E

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: 2.97 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:216 Resp: 28005

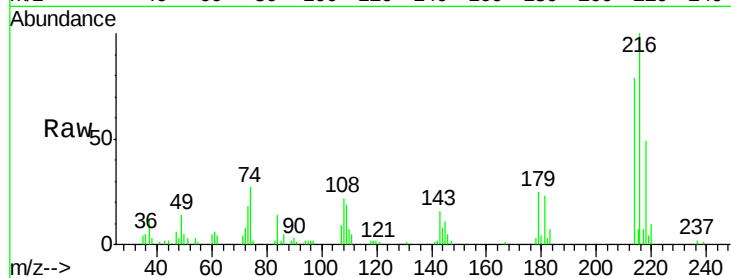
Ion Ratio Lower Upper

216 100

214 77.0 62.6 93.8

179 22.6 18.2 27.4

108 20.9 17.5 26.3

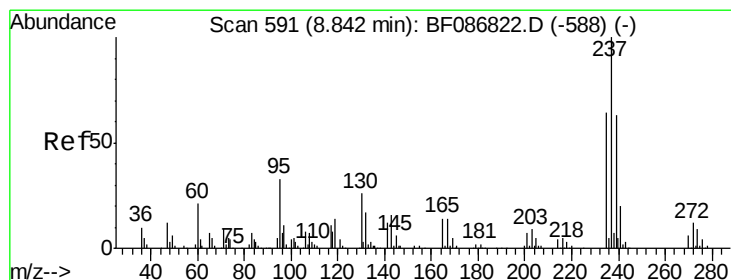
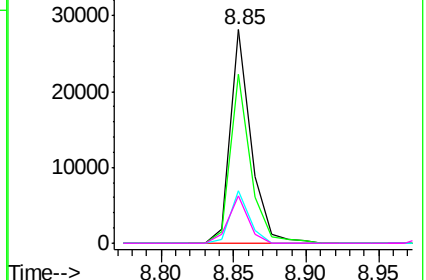
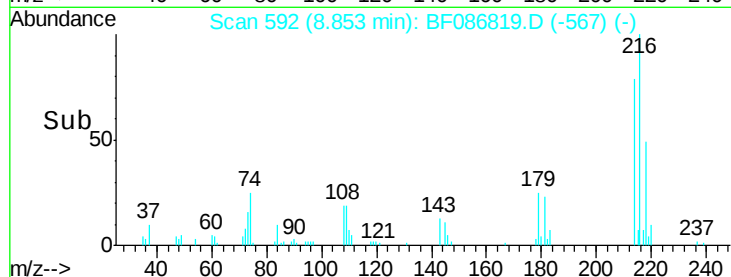


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 1.54 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

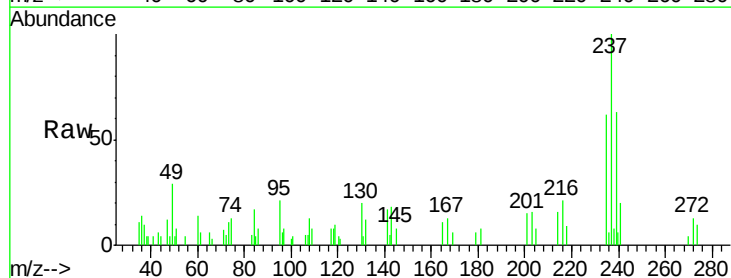
Tgt Ion:237 Resp: 7213

Ion Ratio Lower Upper

237 100

235 62.1 47.2 87.2

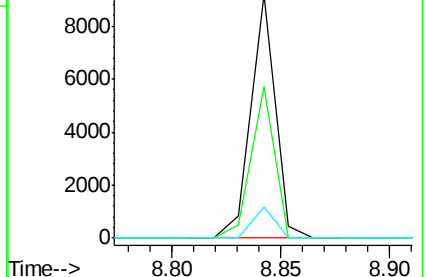
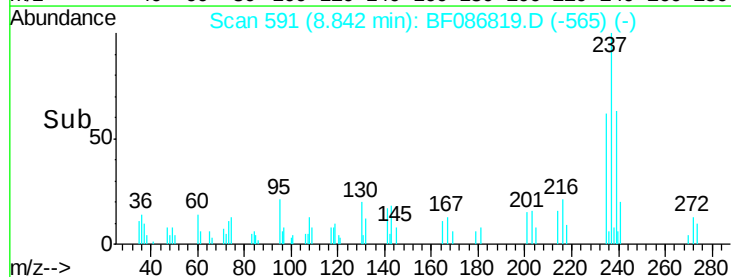
272 12.8 0.0 31.1

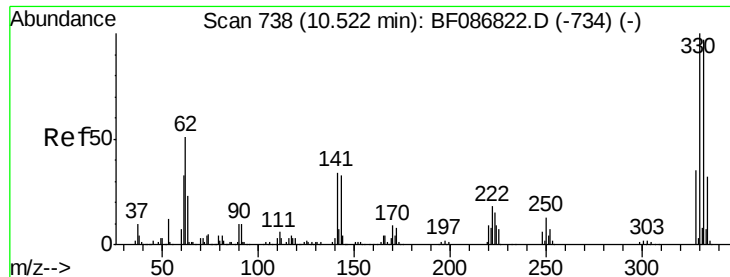


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

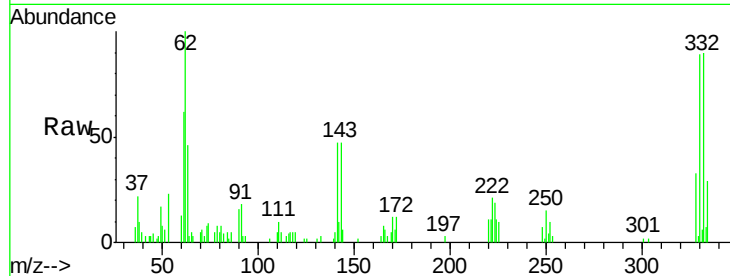




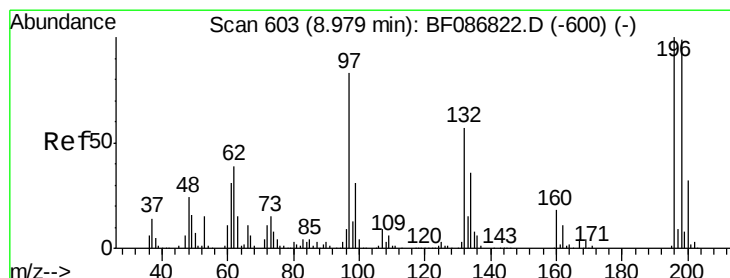
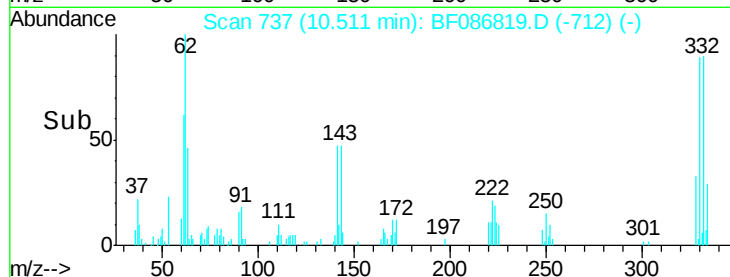
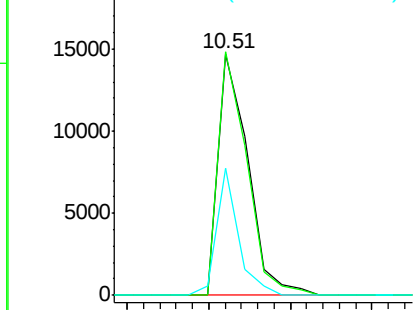
#41
 2,4,6-Tribromophenol
 Concen: 5.35 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	38.5	31.2	46.8

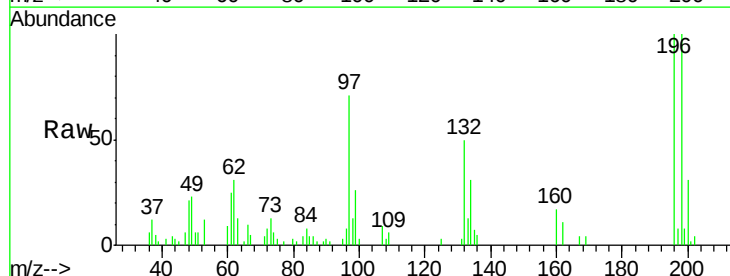


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

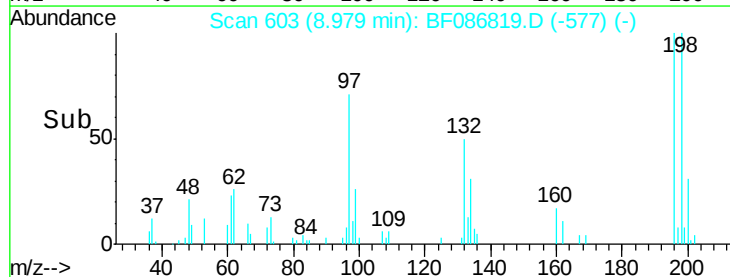
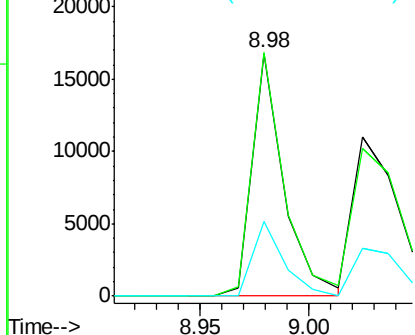


#42
 2,4,6-Trichlorophenol
 Concen: 2.86 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	74.7	112.1
200	30.9	23.8	35.6



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

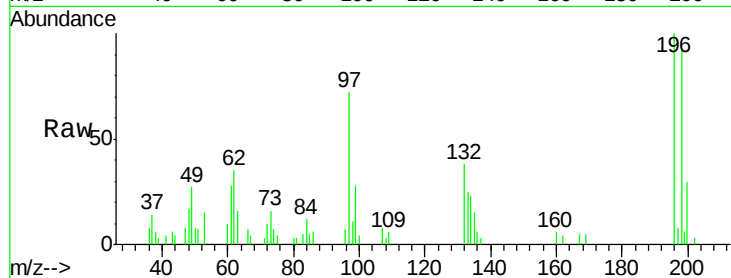




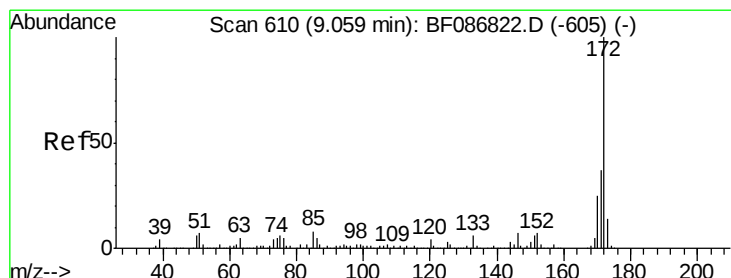
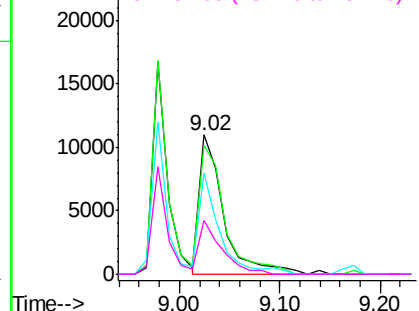
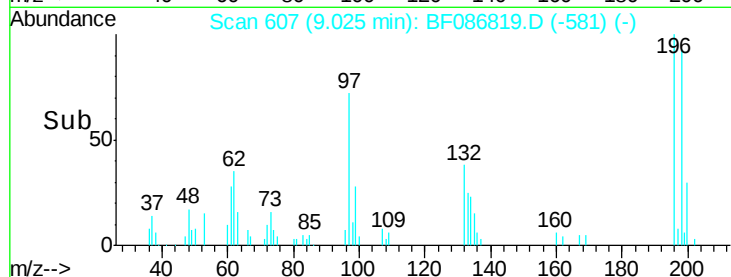
#43
 2,4,5-Trichlorophenol
 Concen: 2.87 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Tot Ion:196 Resp: 18607
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.5 116.3
 97 72.3 34.8 52.2#
 132 38.4 23.0 34.4#

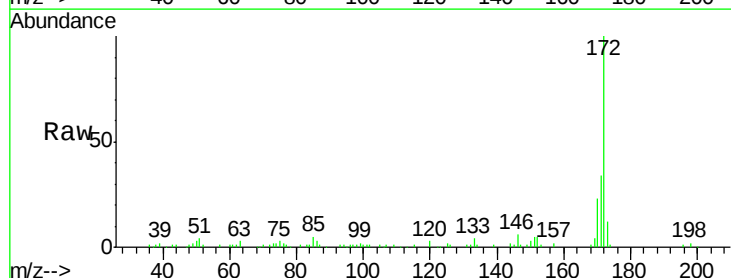


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

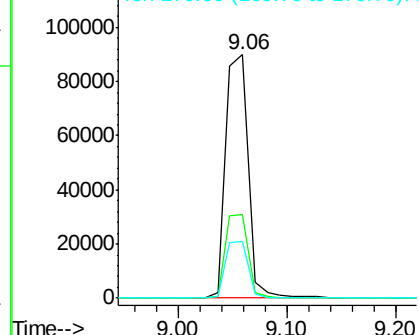
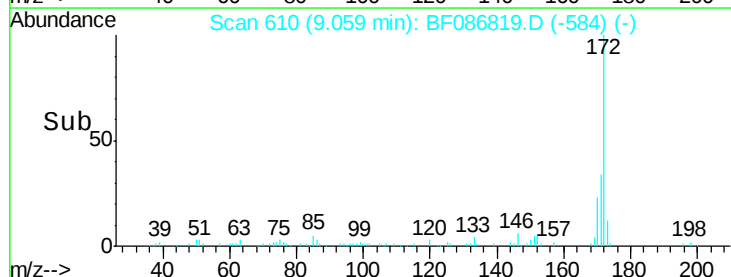


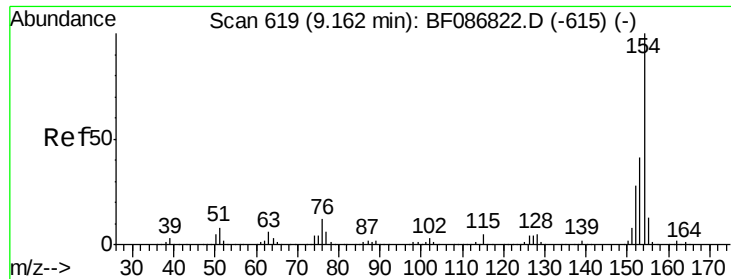
#44
 2-Fluorobiphenyl
 Concen: 6.67 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Tgt Ion:172 Resp: 129705
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.0 43.6
 170 23.2 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: 2.95 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

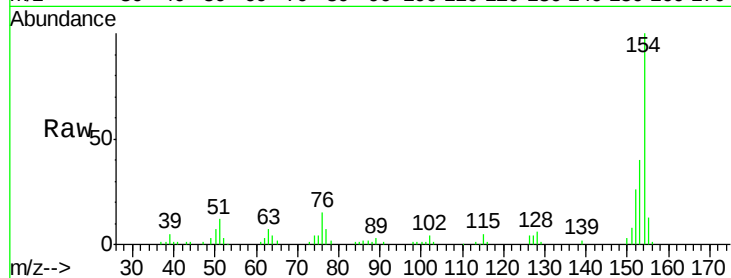
Tot Ion:154 Resp: 81120

Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

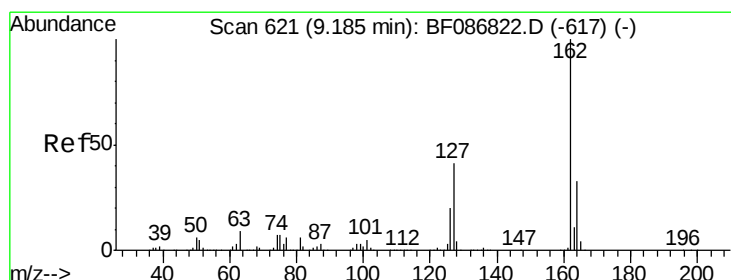
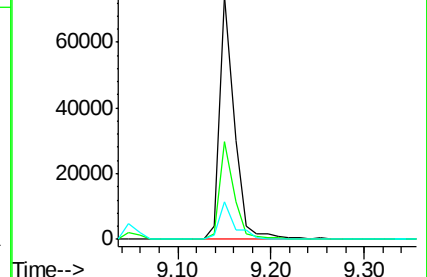
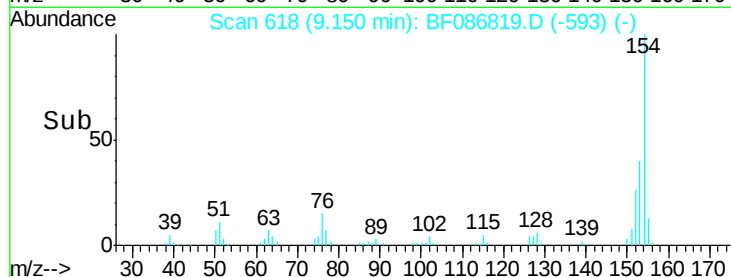
76 15.4 0.0 30.2



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): E



#46

2-Chloronaphthalene

Concen: 2.92 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

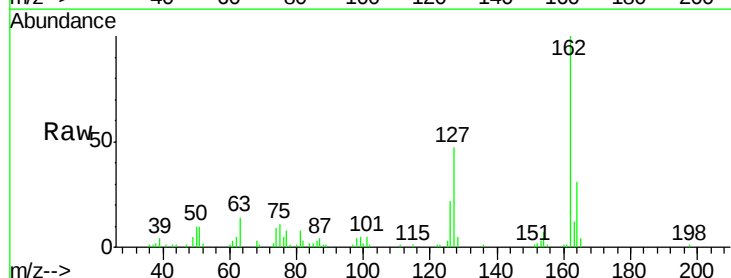
Tgt Ion:162 Resp: 61049

Ion Ratio Lower Upper

162 100

127 46.6 31.8 47.6

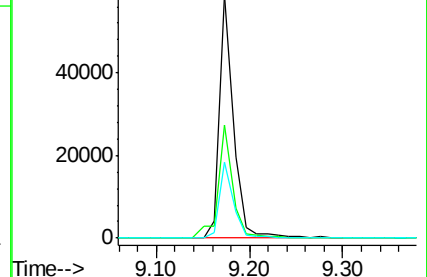
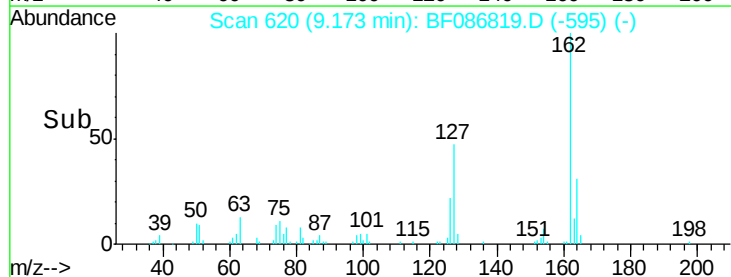
164 31.3 27.0 40.6

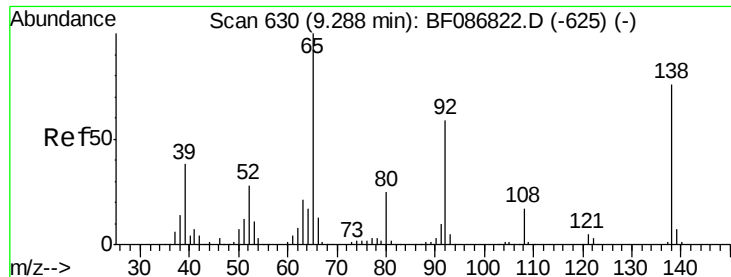


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 2.68 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

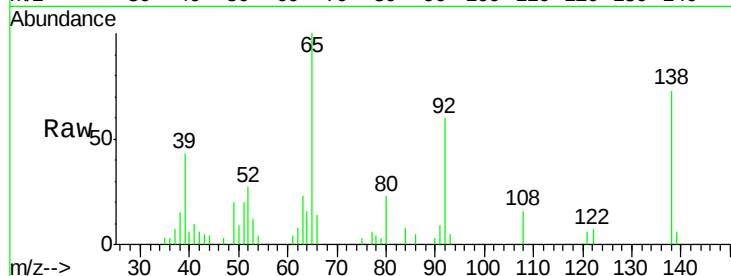
Tot Ion: 65 Resp: 17971

Ion Ratio Lower Upper

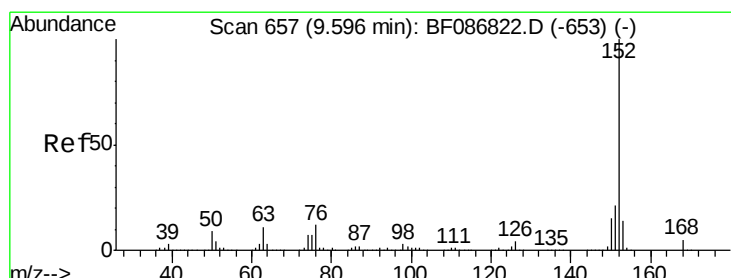
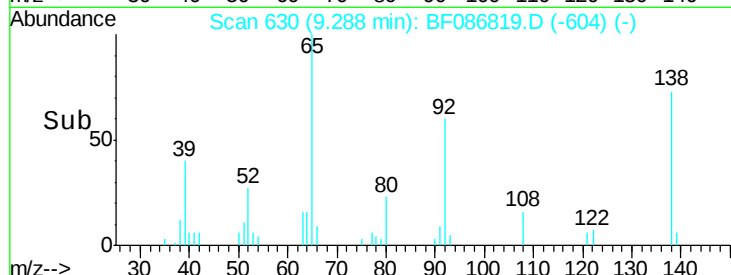
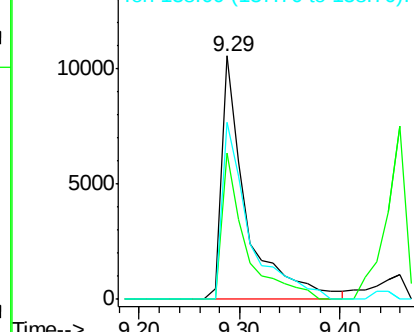
65 100

92 60.2 57.4 86.2

138 72.7 90.1 135.1#



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



#48

Acenaphthylene

Concen: 3.01 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

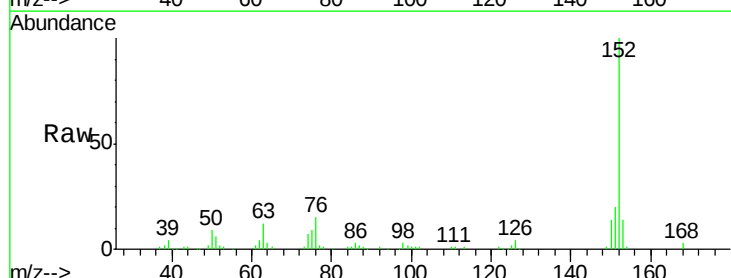
Tgt Ion:152 Resp: 98304

Ion Ratio Lower Upper

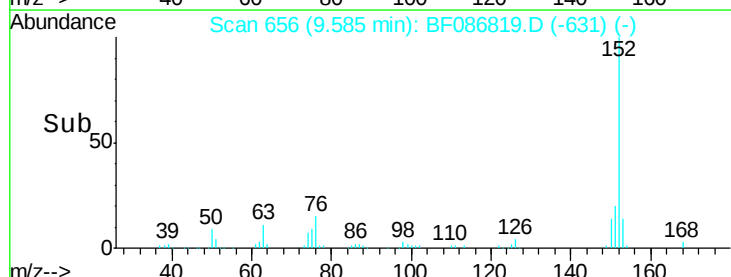
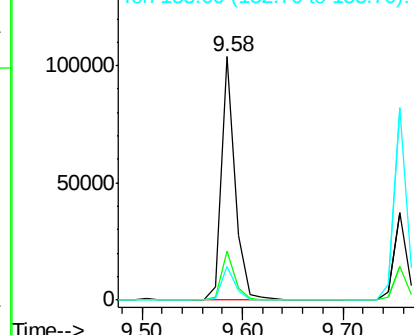
152 100

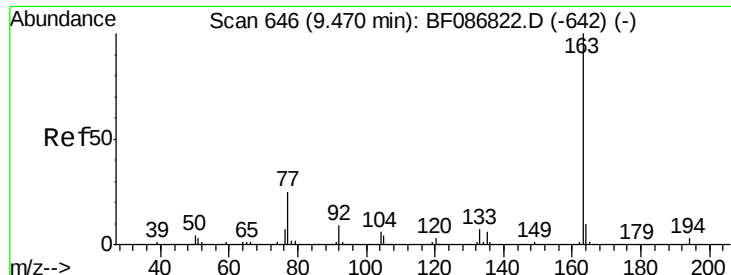
151 20.0 16.8 25.2

153 13.7 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: 3.00 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

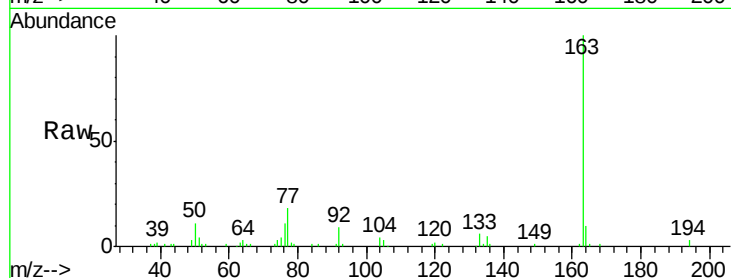
Tot Ion:163 Resp: 74302

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

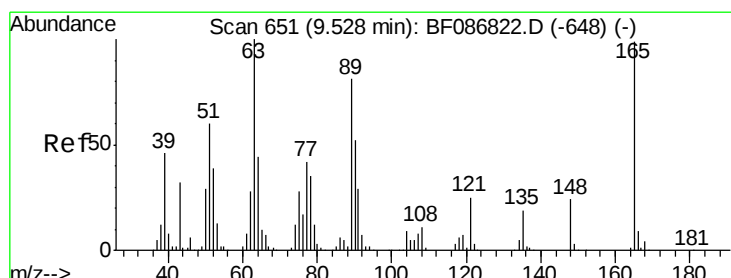
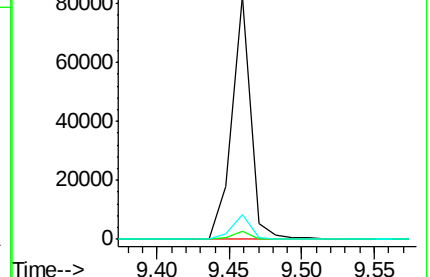
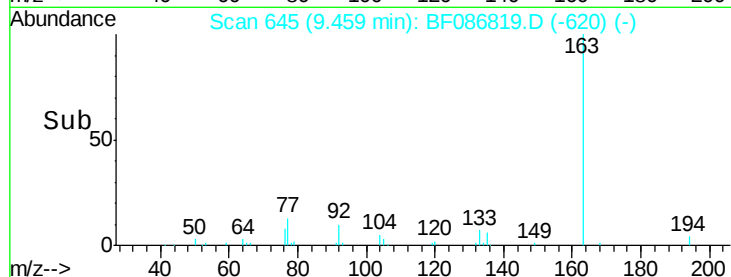
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.53 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

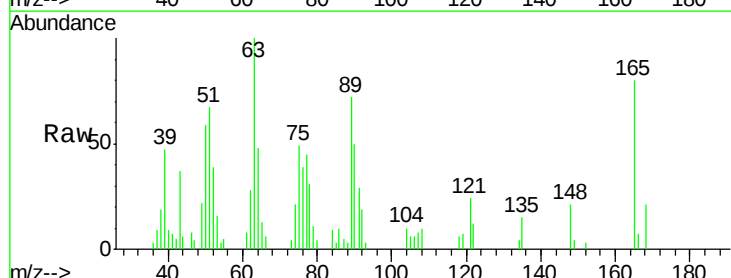
Tgt Ion:165 Resp: 12950

Ion Ratio Lower Upper

165 100

63 125.3 51.8 77.8#

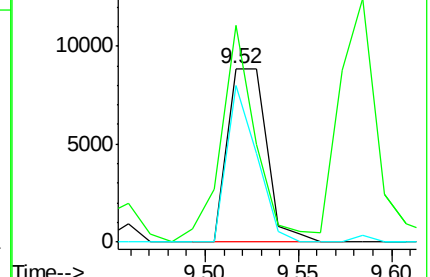
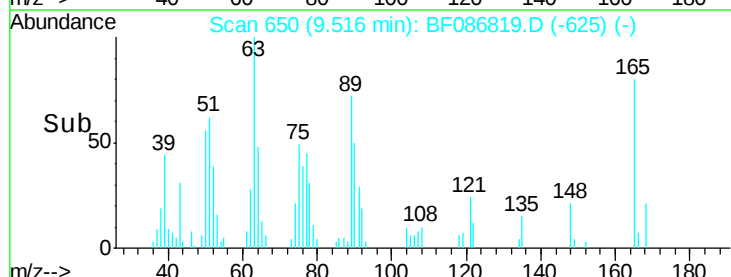
89 90.3 50.7 76.1#

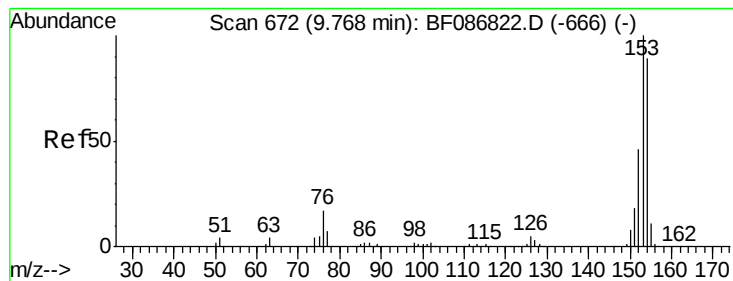


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.04 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

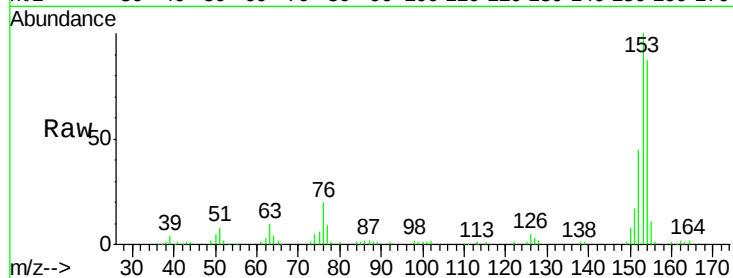
Tot Ion:154 Resp: 63773

Ion Ratio Lower Upper

154 100

153 114.8 89.8 134.6

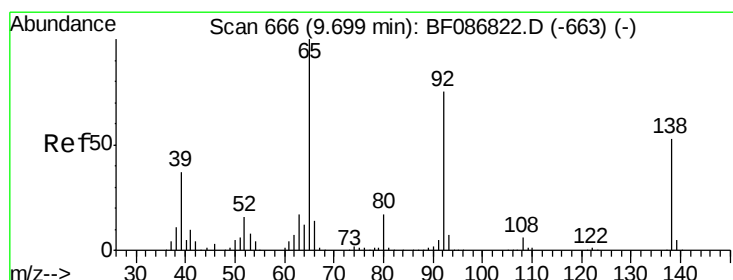
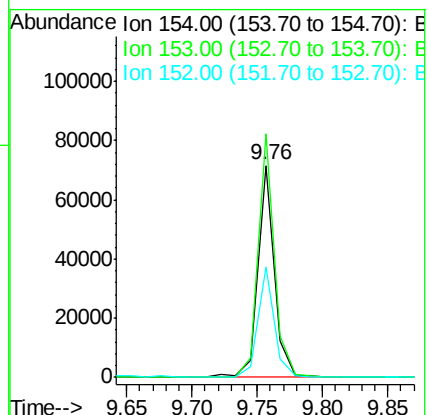
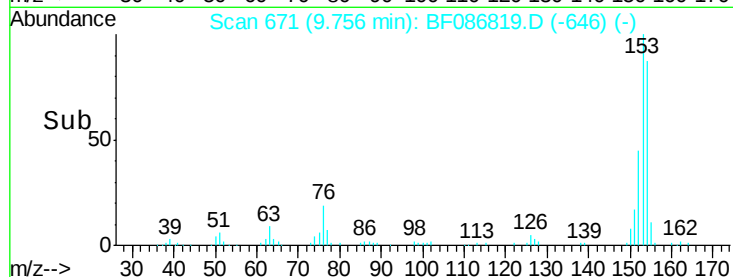
152 52.0 43.4 65.0



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: 2.06 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

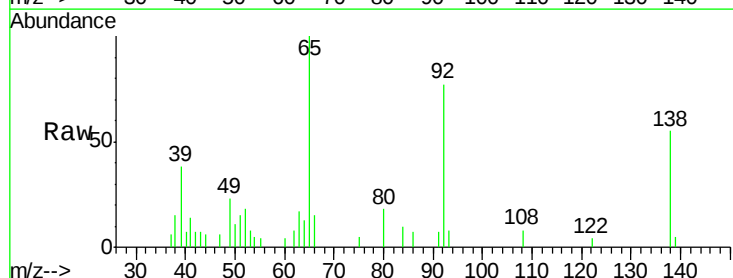
Tgt Ion:138 Resp: 11983

Ion Ratio Lower Upper

138 100

108 14.1 7.8 11.6#

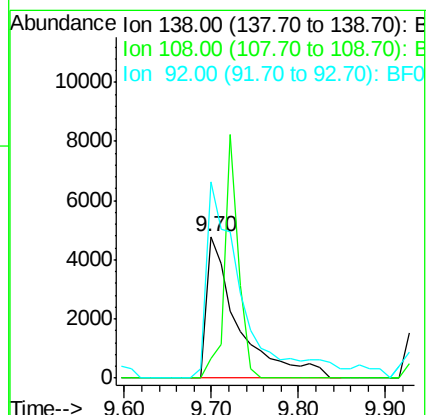
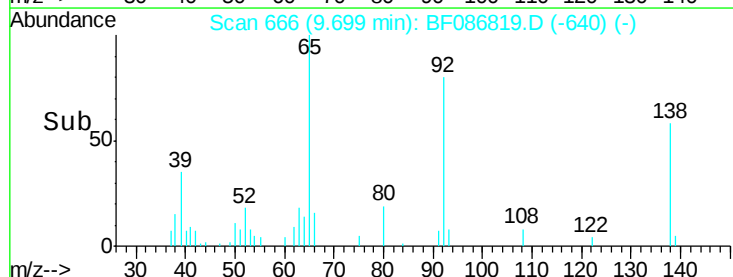
92 138.3 87.8 131.8#

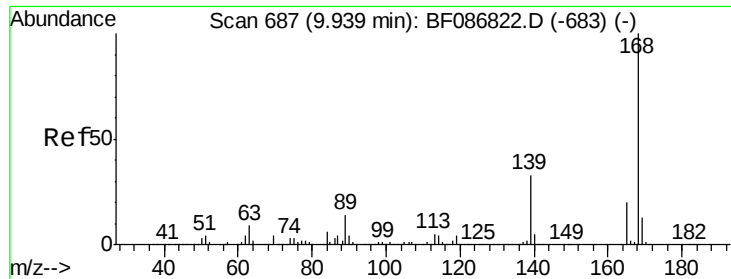


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

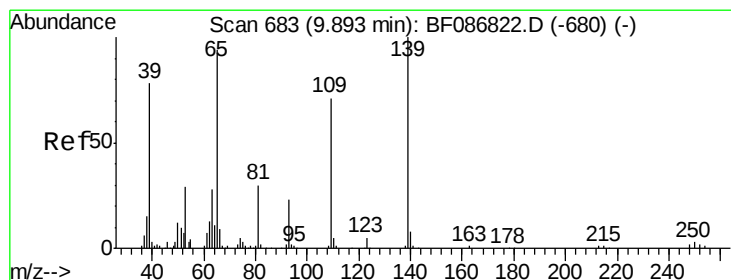
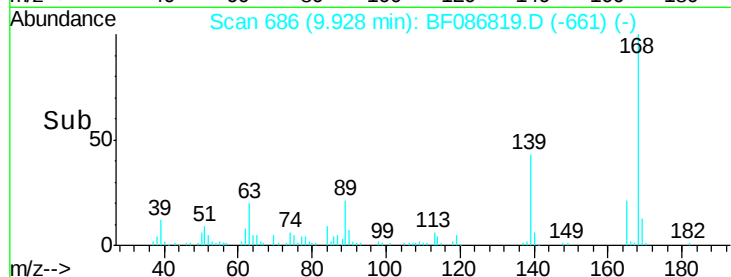
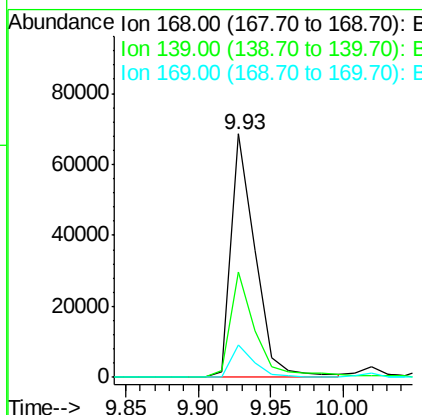
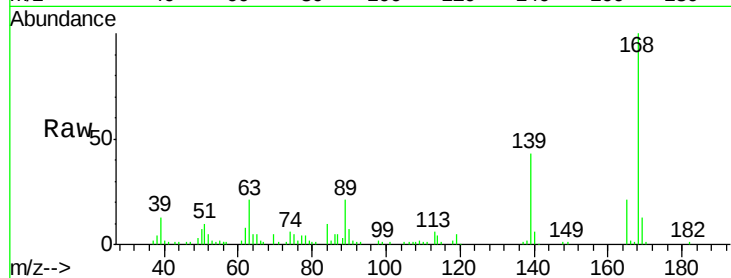




#54
Dibenzofuran
Concen: 3.04 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

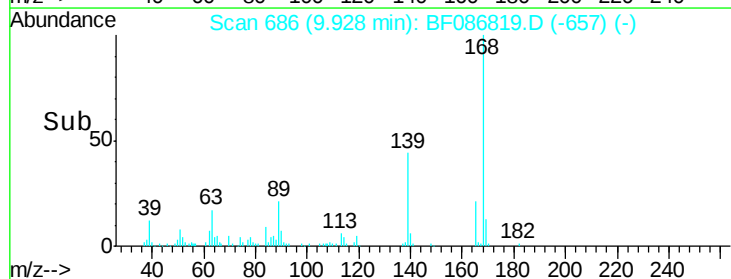
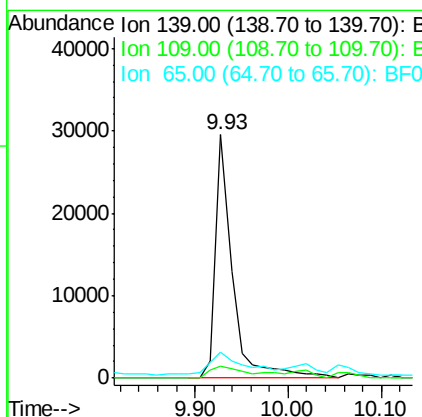
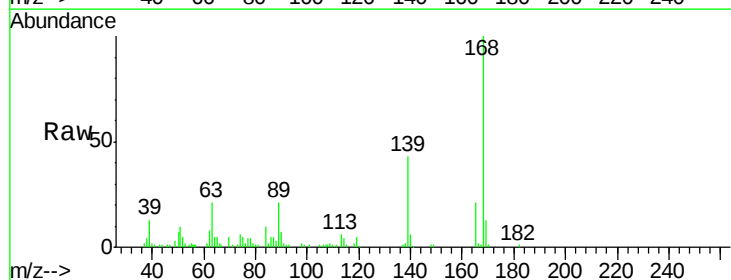
Instrument :
BNA_F
ClientSampleId :
SSTDIC02.5

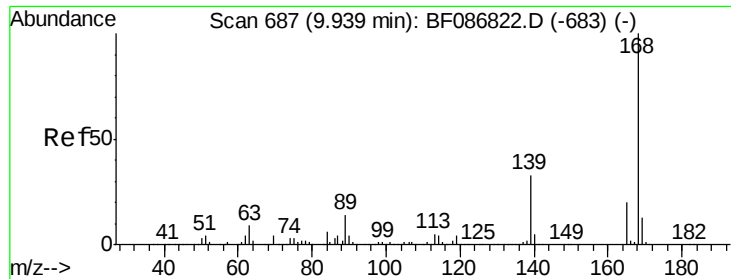
Tot Ion:168 Resp: 79663
Ion Ratio Lower Upper
168 100
139 43.1 31.4 47.0
169 13.2 10.7 16.1



#55
4-Nitrophenol
Concen: 9.83 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.03 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion:139 Resp: 37456
Ion Ratio Lower Upper
139 100
109 5.0 36.9 76.9#
65 10.8 64.0 104.0#





#56

2,4-Dinitrotoluene

Concen: 2.52 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

Tot Ion:165 Resp: 16419

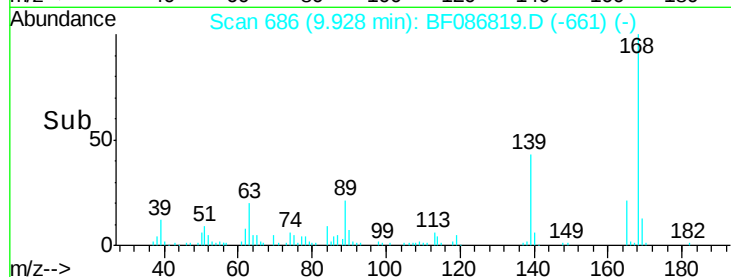
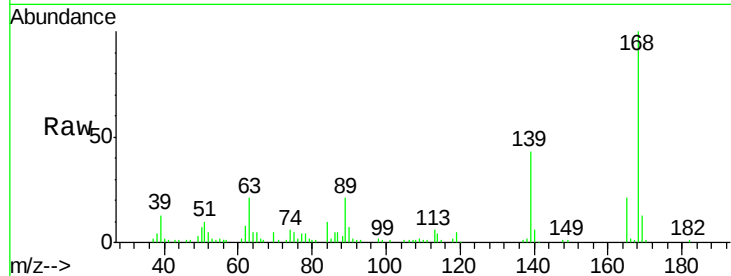
Ion Ratio Lower Upper

165 100

63 98.1 44.3 66.5#

89 97.8 70.0 105.0

182 3.0 1.8 2.6#

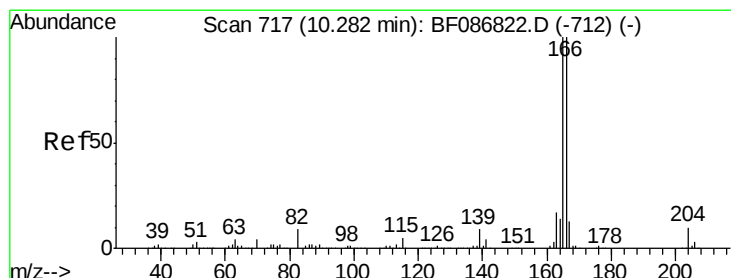
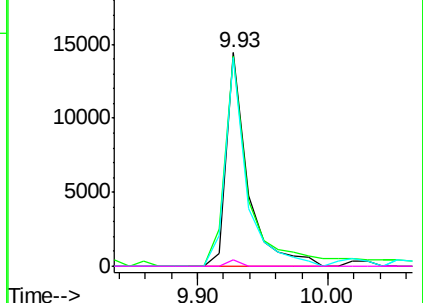


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 3.23 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

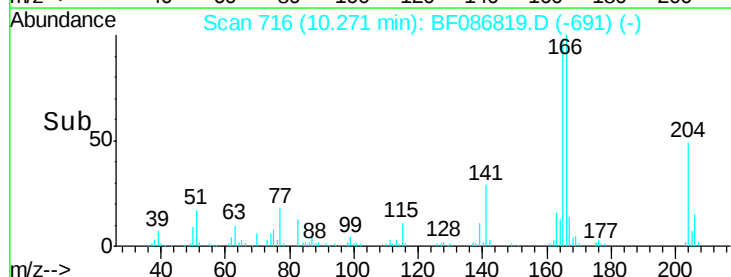
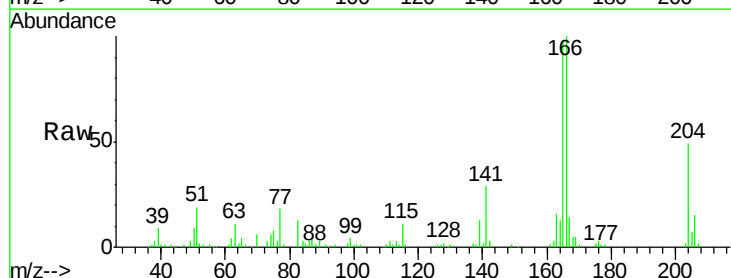
Tgt Ion:166 Resp: 73651

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

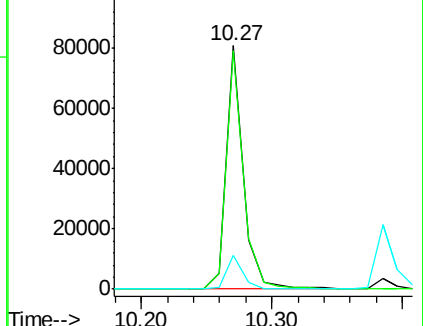
167 13.6 10.6 15.8

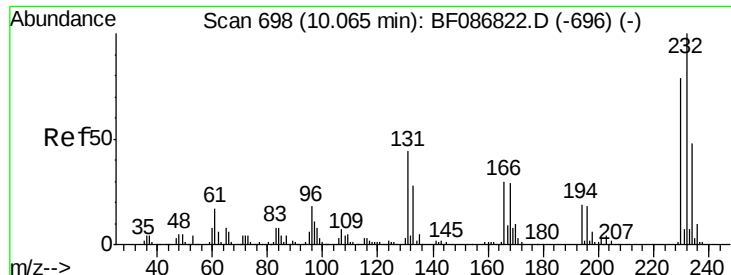


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

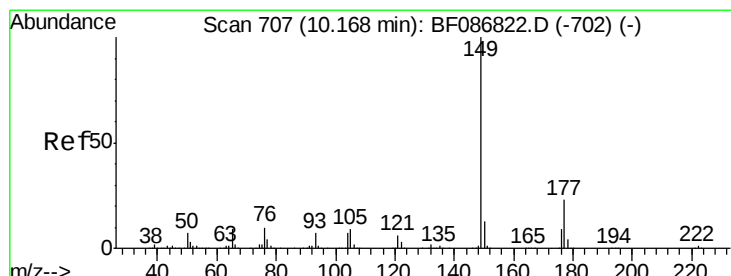
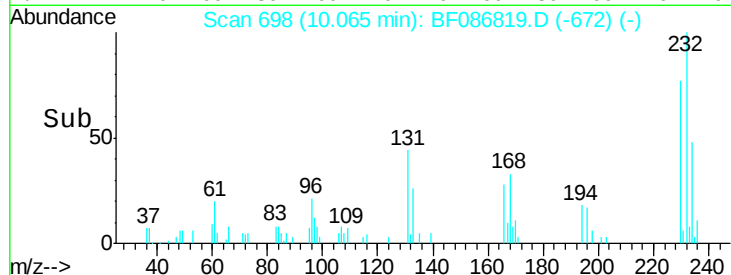
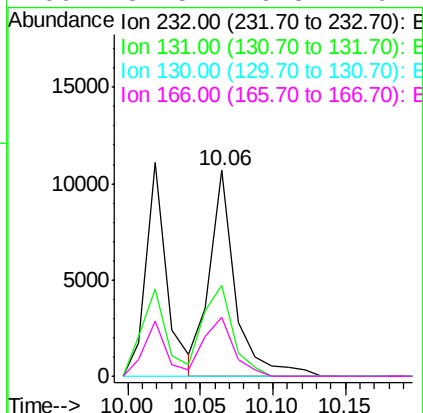
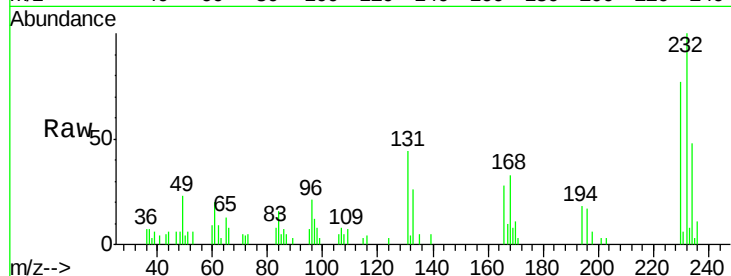




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.62 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

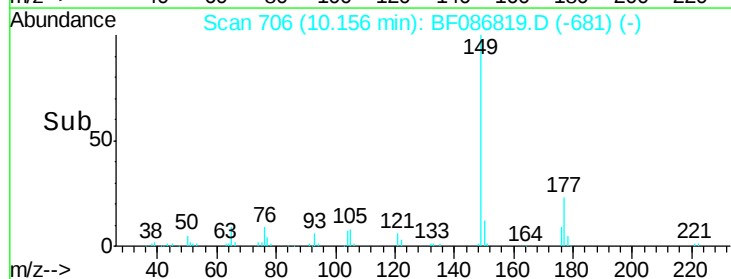
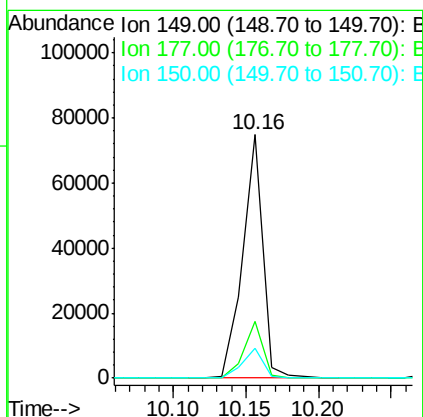
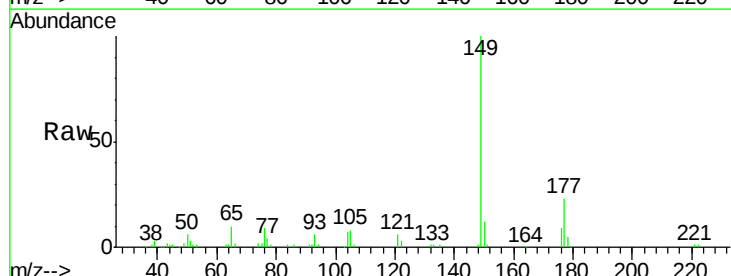
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

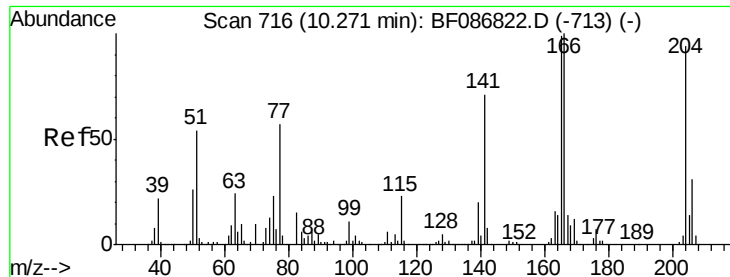
Tot Ion:232 Resp: 13274
 Ion Ratio Lower Upper
 232 100
 131 50.2 41.9 62.9
 130 0.0 2.2 3.4#
 166 32.5 26.8 40.2



#59
 Diethylphthalate
 Concen: 3.06 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086819.D
 Acq: 9 May 2016 12:15

Tgt Ion:149 Resp: 71751
 Ion Ratio Lower Upper
 149 100
 177 23.1 16.6 24.8
 150 12.5 10.0 15.0

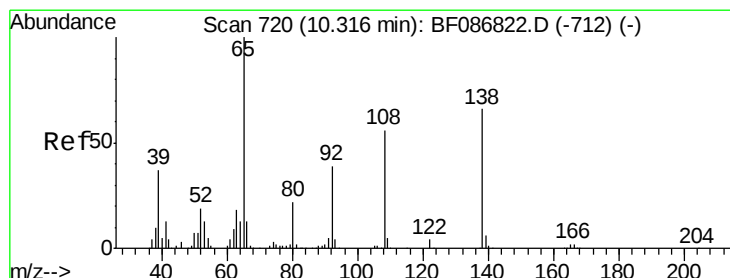
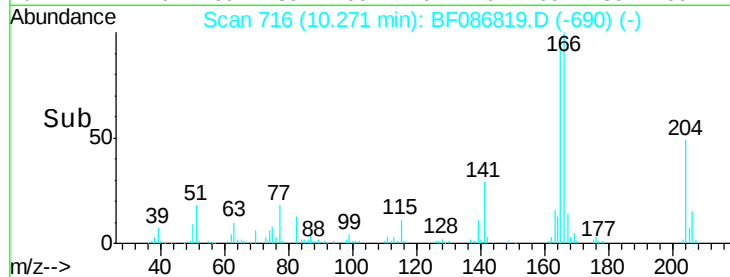
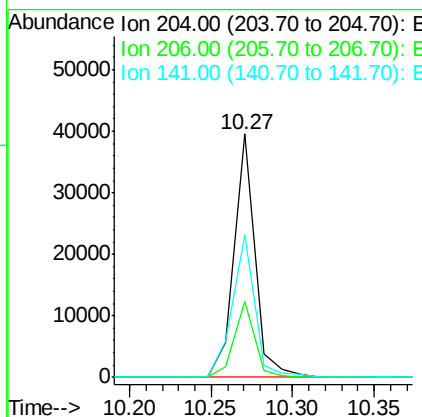
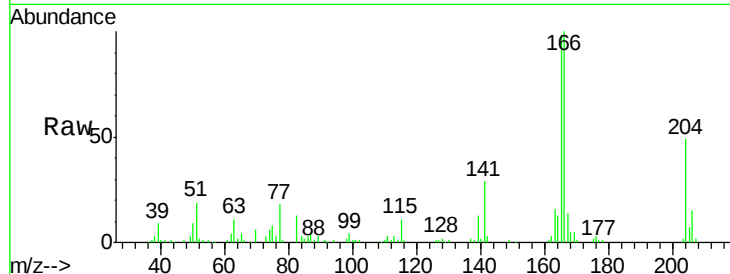




#60
4-Chlorophenyl-phenylether
Concen: 3.37 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

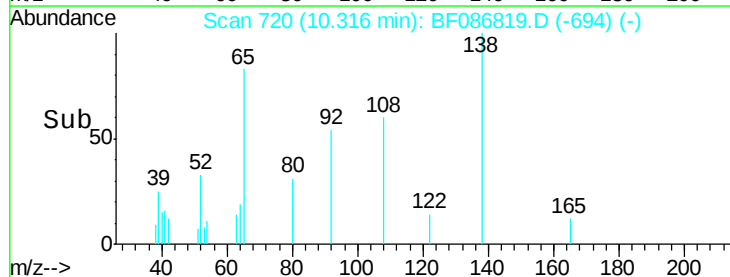
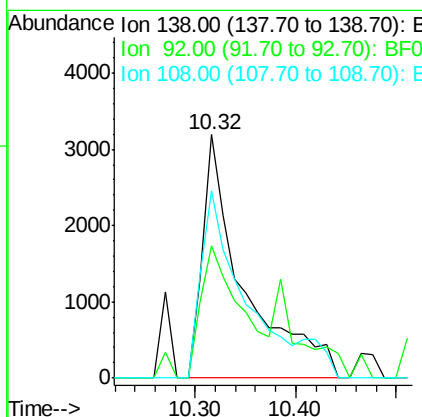
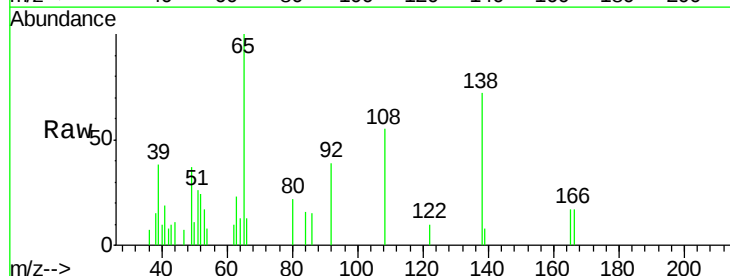
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

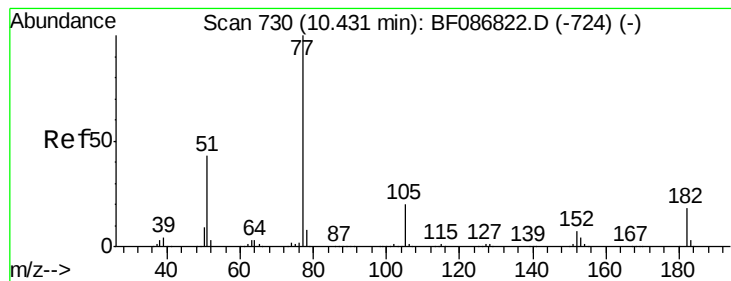
Tot Ion:204 Resp: 34855
Ion Ratio Lower Upper
204 100
206 31.1 25.4 38.0
141 58.5 61.6 92.4#



#61
4-Nitroaniline
Concen: 1.60 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion:138 Resp: 9085
Ion Ratio Lower Upper
138 100
92 54.4 24.7 64.7
108 77.1 37.4 77.4





#62

Azobenzene

Concen: 2.97 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

Tot Ion: 77 Resp: 76167

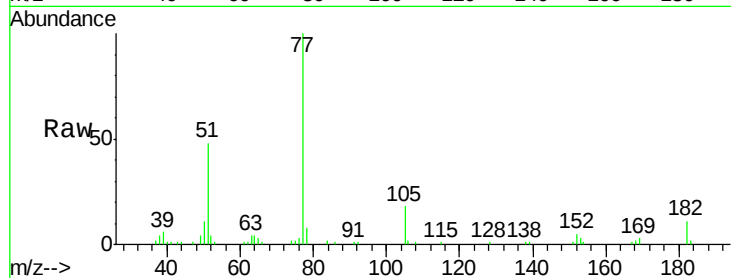
Ion Ratio Lower Upper

77 100

182 11.5 0.0 38.8

105 18.3 3.2 43.2

51 47.7 8.8 48.8

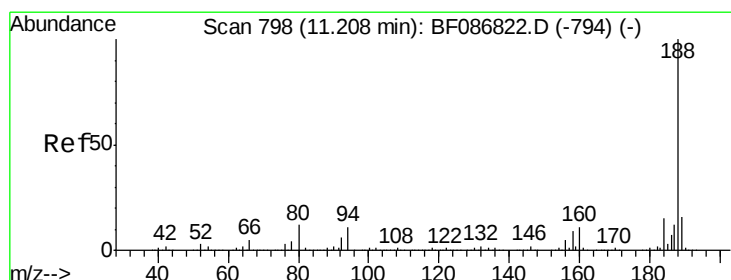
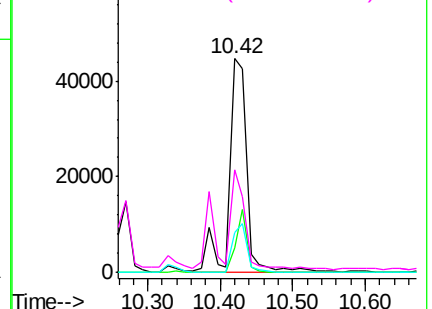
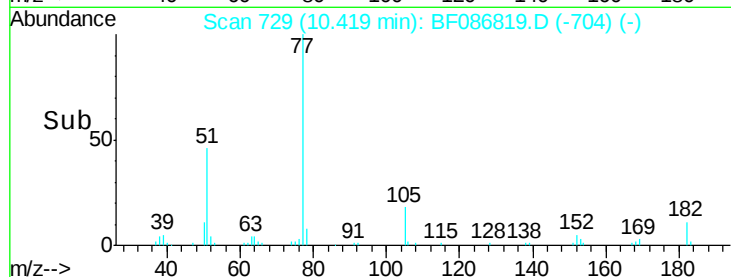


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

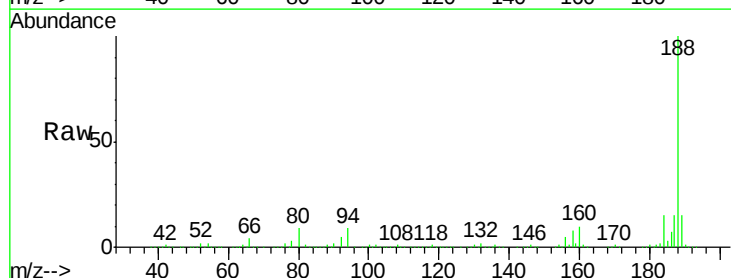
Tgt Ion: 188 Resp: 676240

Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

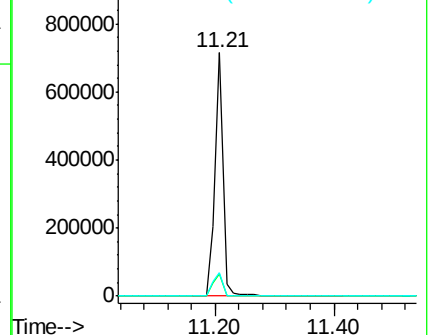
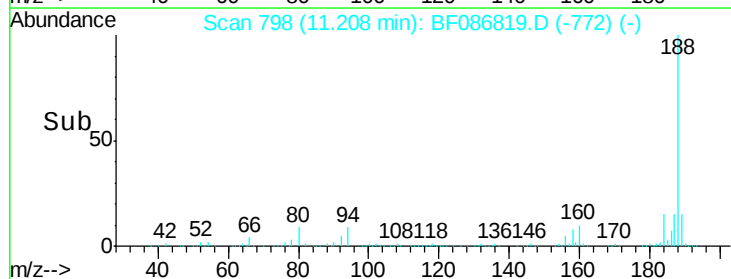
80 9.4 7.1 10.7

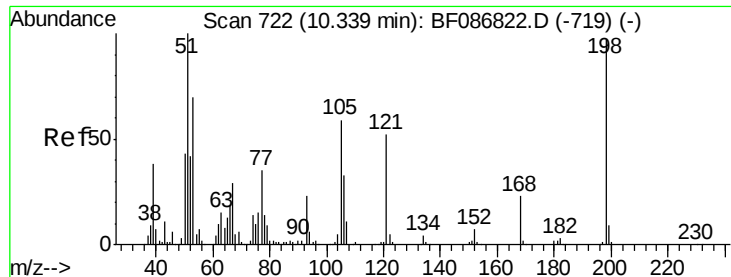


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 1.03 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

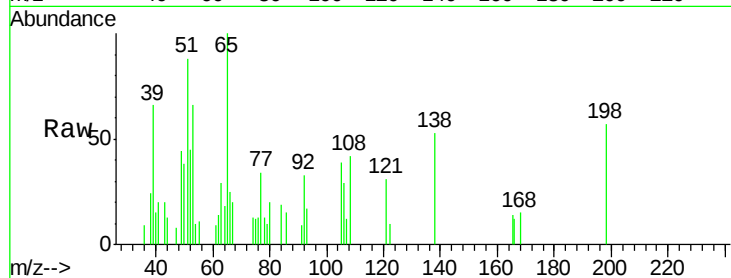
Tot Ion:198 Resp: 4088

Ion Ratio Lower Upper

198 100

51 153.0 20.5 60.5#

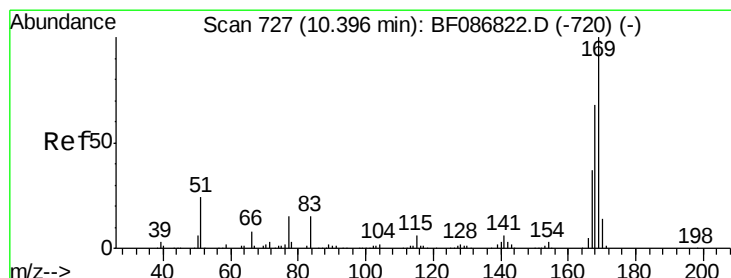
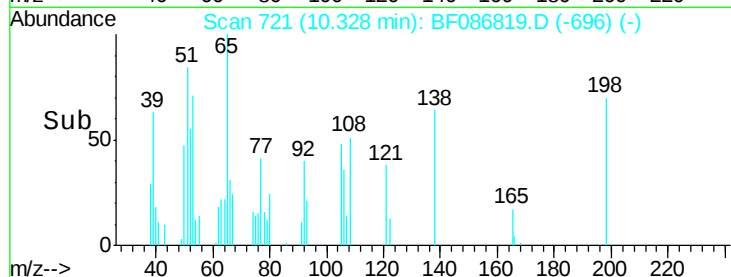
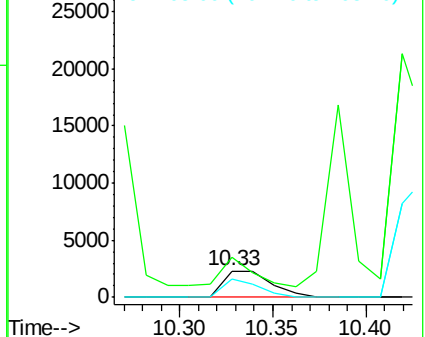
105 68.8 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 2.81 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

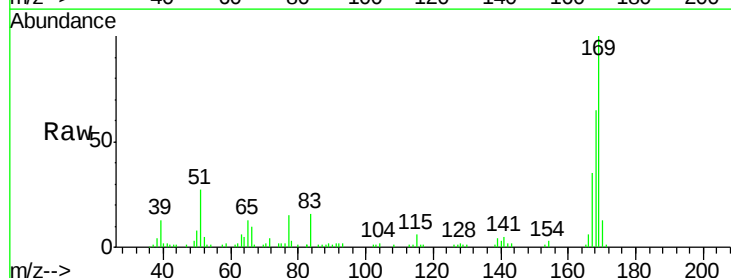
Tgt Ion:169 Resp: 59396

Ion Ratio Lower Upper

169 100

168 65.3 53.8 80.6

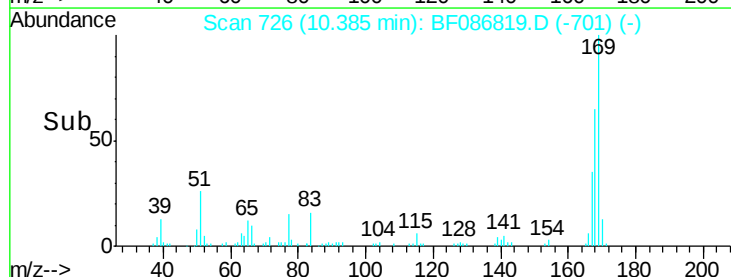
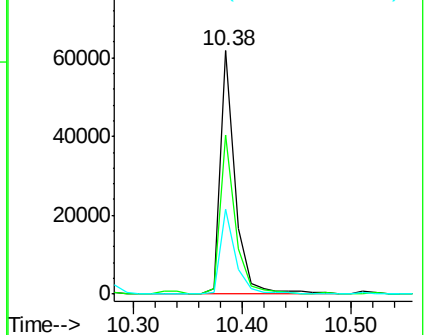
167 34.8 29.5 44.3

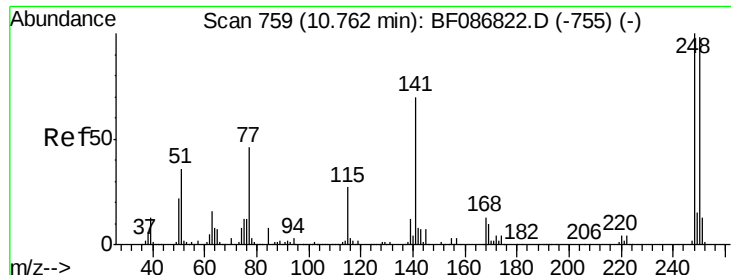


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

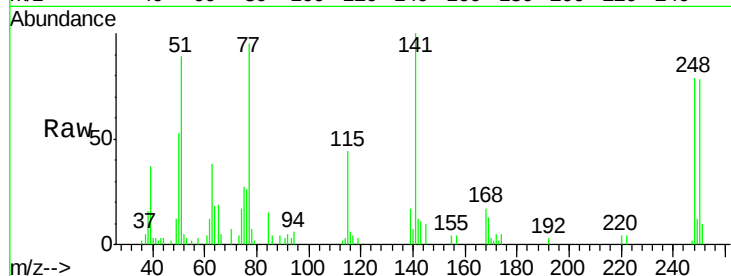




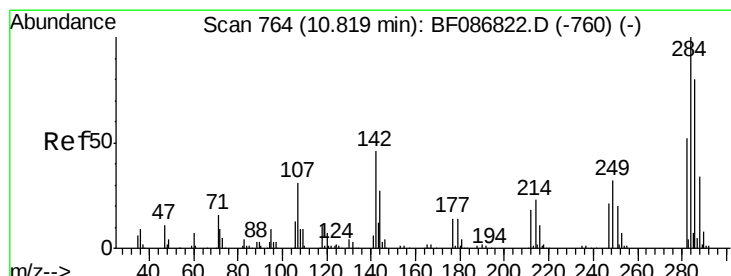
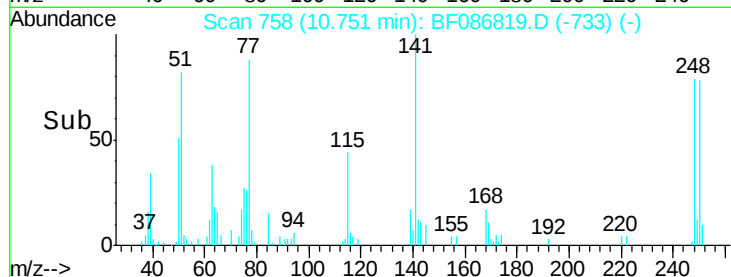
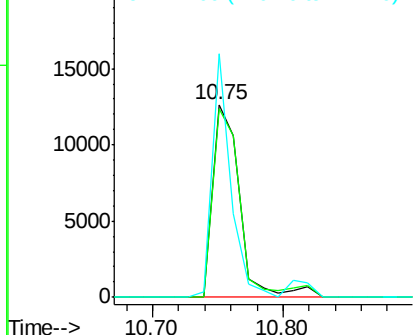
#66
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion:248 Resp: 18172
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 126.2 76.0 114.0#

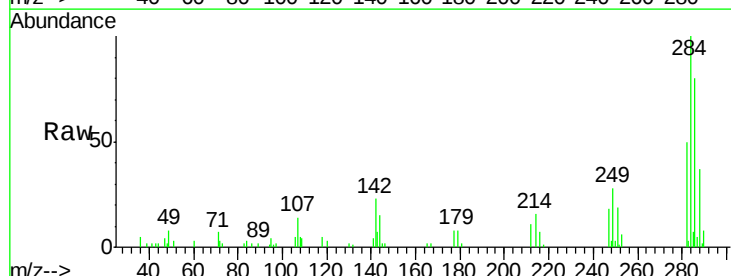


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

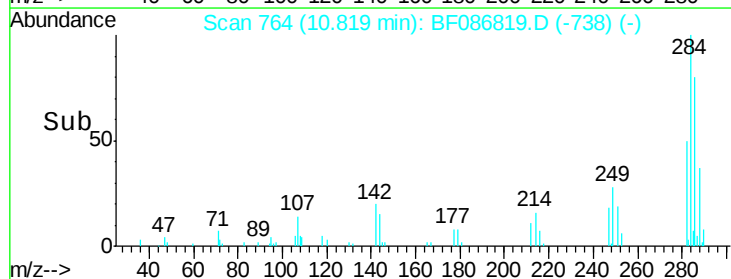
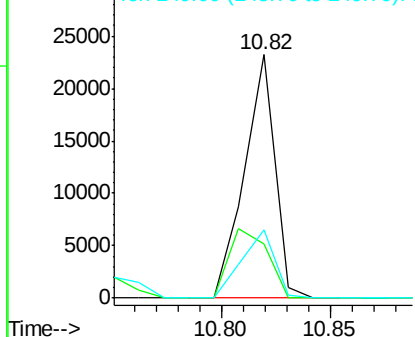


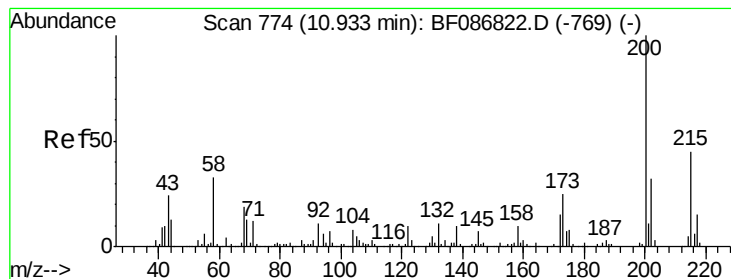
#67
Hexachlorobenzene
Concen: 2.81 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion:284 Resp: 22642
Ion Ratio Lower Upper
284 100
142 22.5 16.7 25.1
249 27.8 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 2.78 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

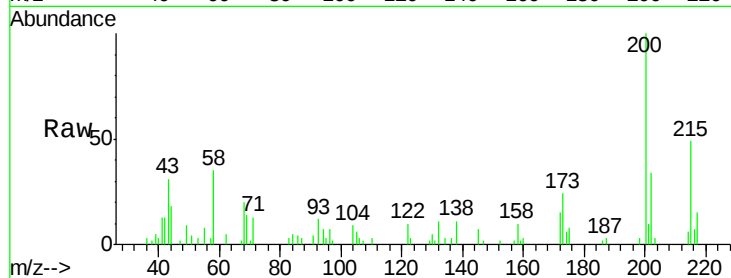
Tot Ion:200 Resp: 17663

Ion Ratio Lower Upper

200 100

173 24.1 8.5 48.5

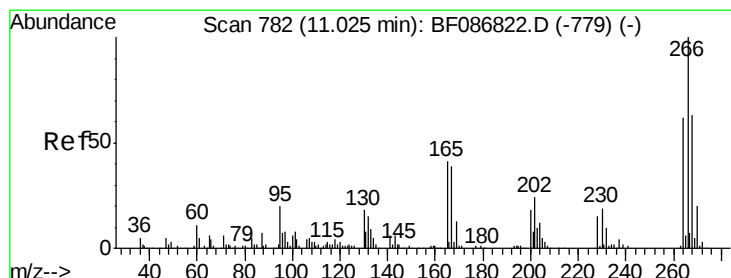
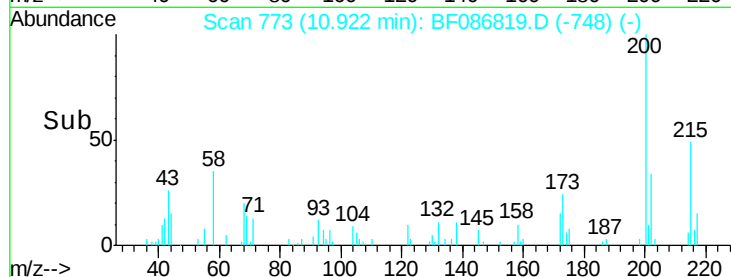
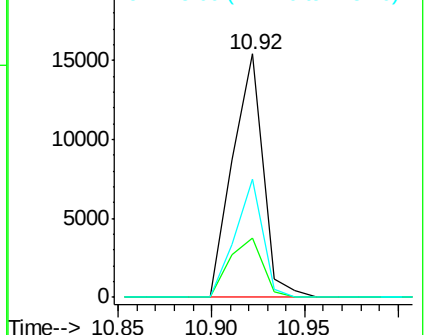
215 48.6 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 1.11 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

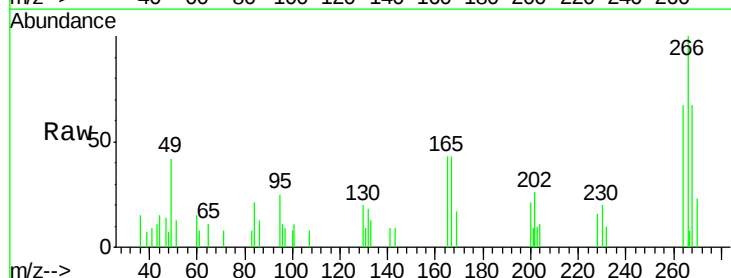
Tgt Ion:266 Resp: 4736

Ion Ratio Lower Upper

266 100

268 67.4 51.5 77.3

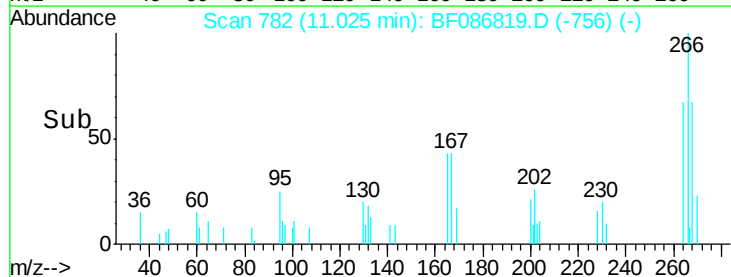
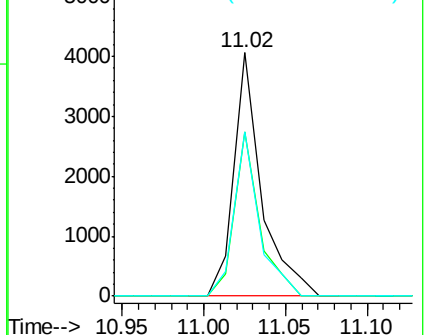
264 67.2 52.9 79.3

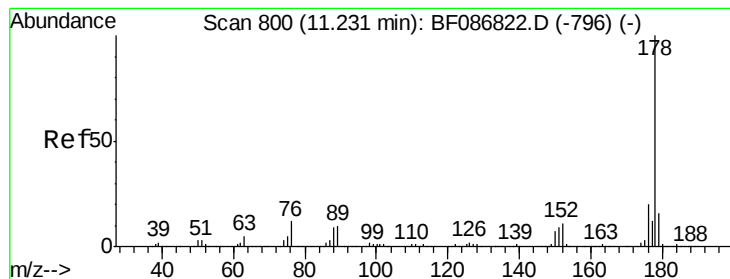


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.03 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

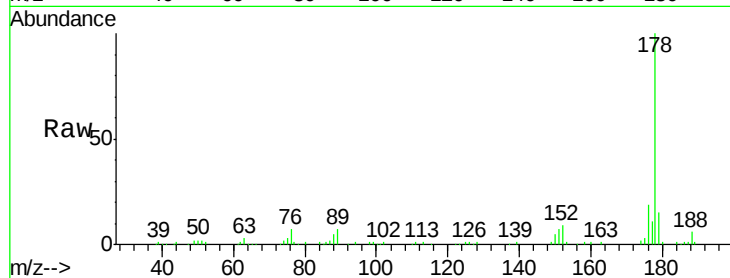
Tot Ion:178 Resp: 107565

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

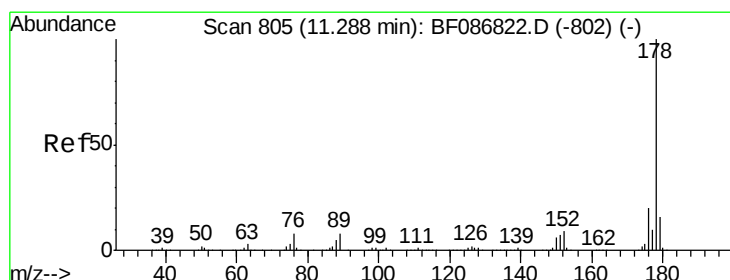
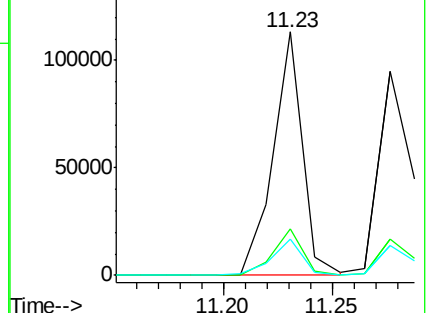
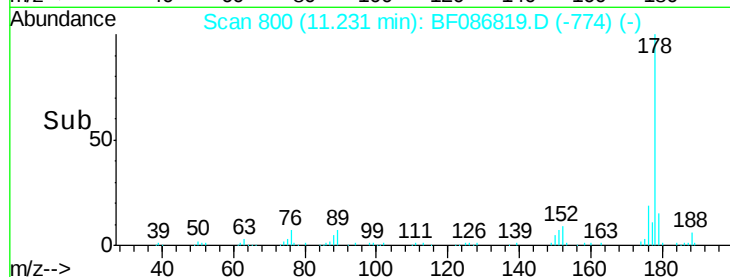
179 15.1 12.6 18.8



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: 2.92 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

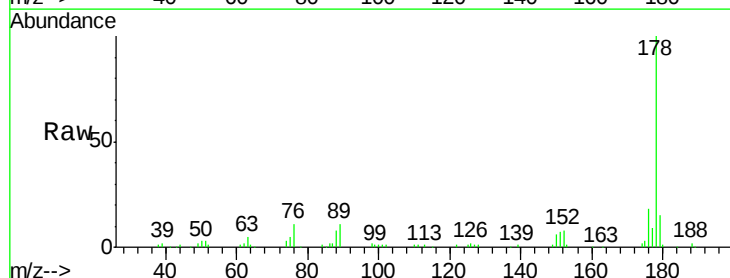
Tgt Ion:178 Resp: 110465

Ion Ratio Lower Upper

178 100

176 18.1 15.6 23.4

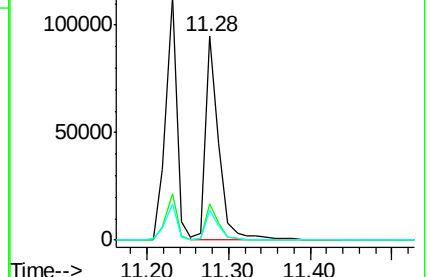
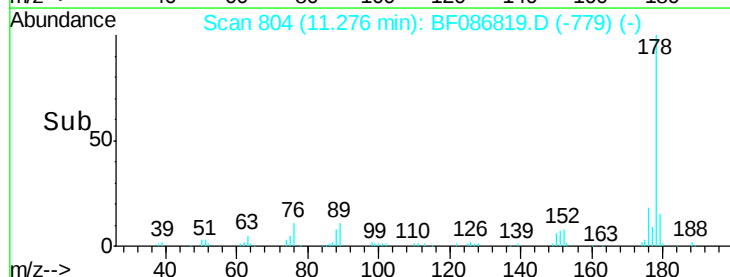
179 14.9 12.7 19.1

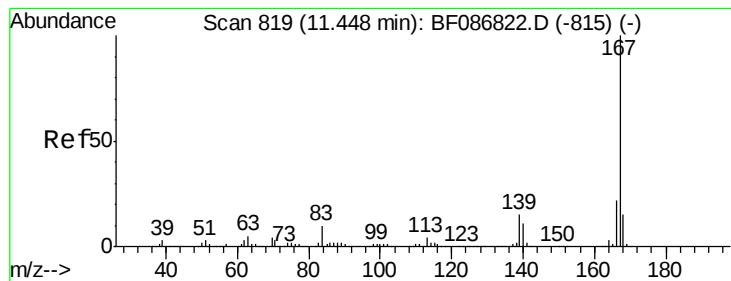


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.64 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

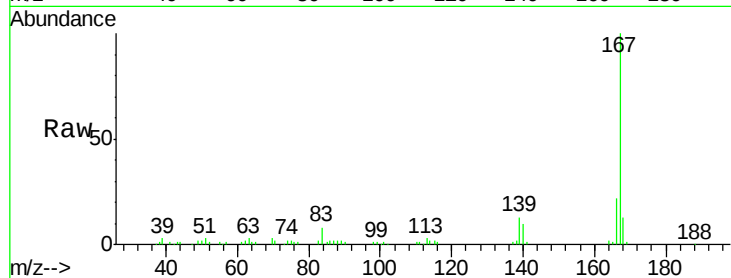
Tot Ion:167 Resp: 88707

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

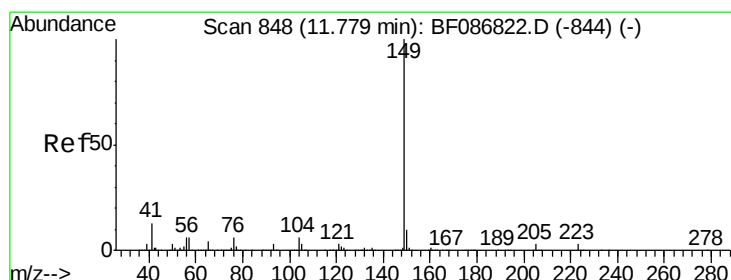
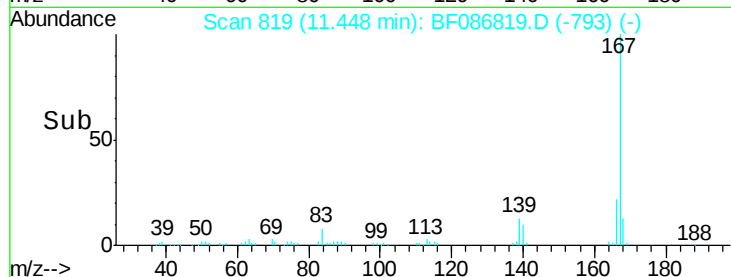
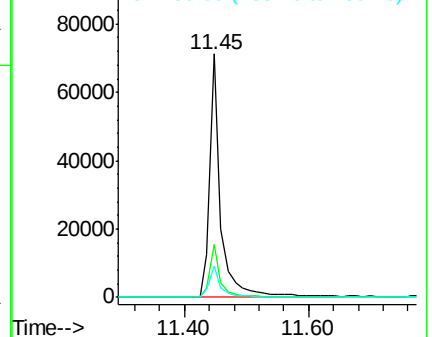
139 12.9 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 2.83 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

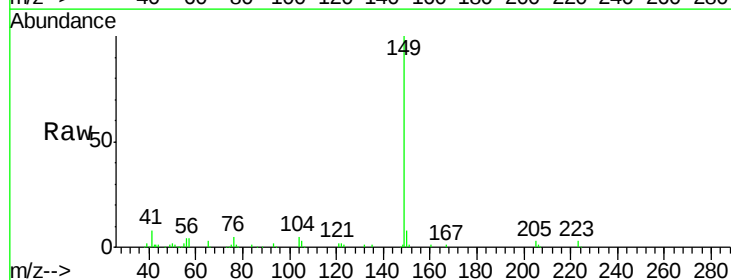
Tgt Ion:149 Resp: 107634

Ion Ratio Lower Upper

149 100

150 8.4 7.6 11.4

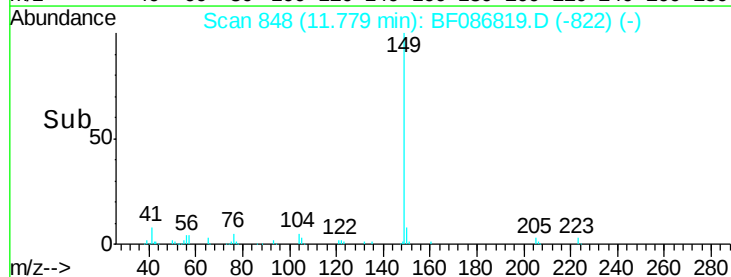
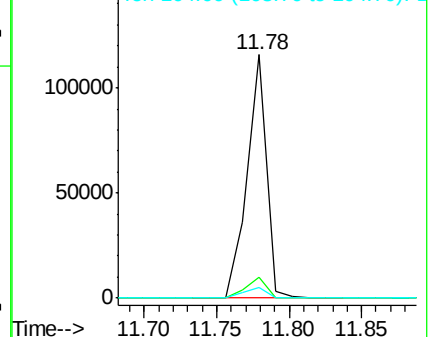
104 4.5 3.8 5.6

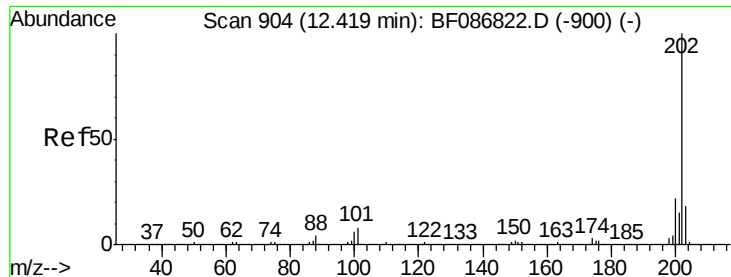


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 3.10 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

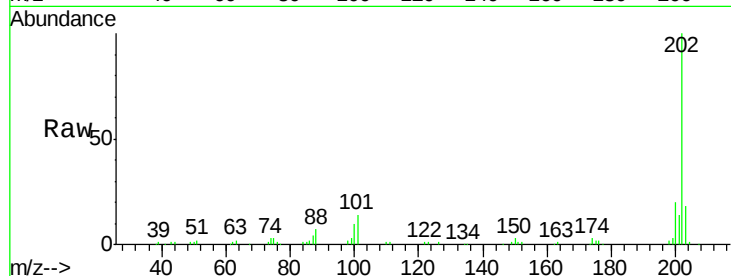
Tot Ion:202 Resp: 111187

Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.4

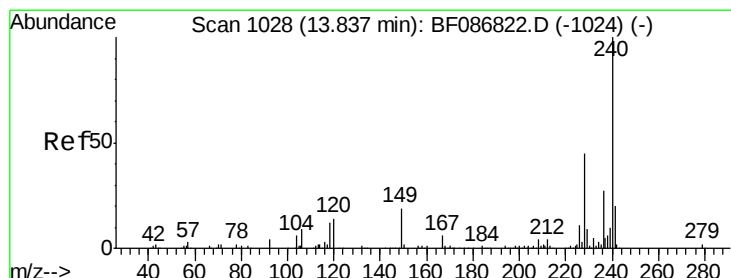
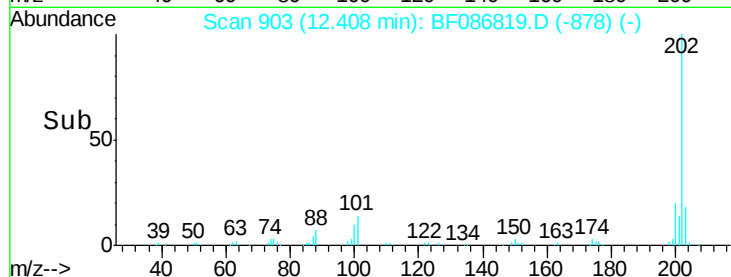
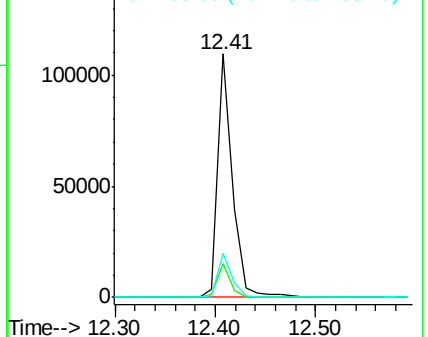
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

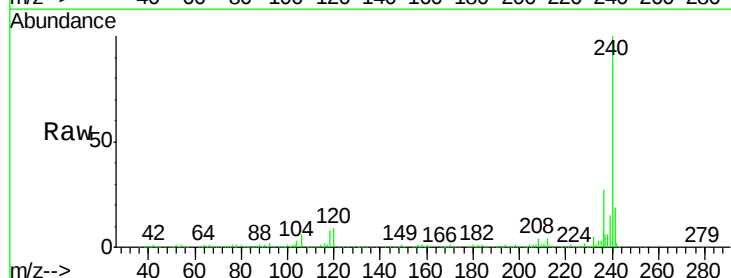
Tgt Ion:240 Resp: 588899

Ion Ratio Lower Upper

240 100

120 8.7 11.2 16.8#

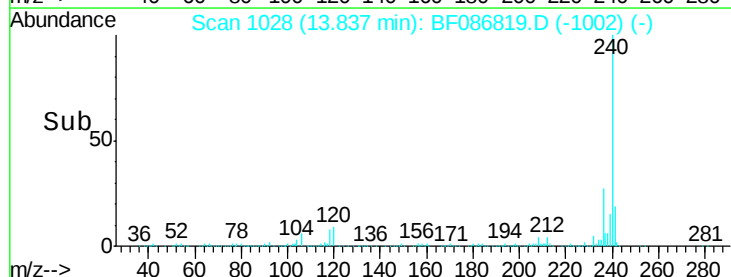
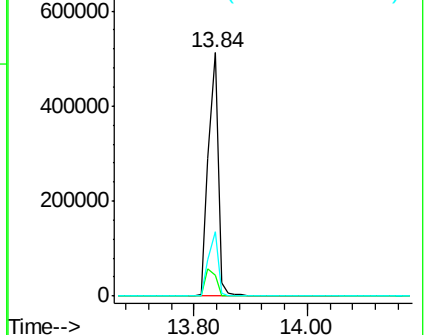
236 26.5 21.2 31.8

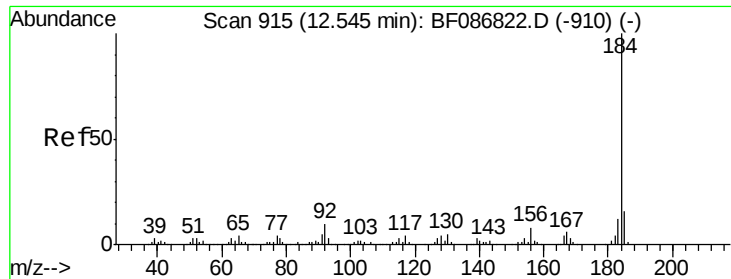


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 1.35 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

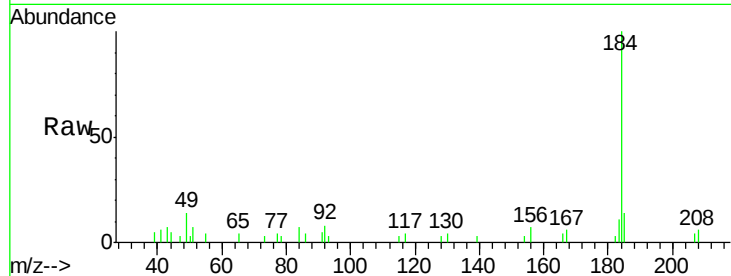
Tot Ion:184 Resp: 27229

Ion Ratio Lower Upper

184 100

185 13.6 13.6 20.4

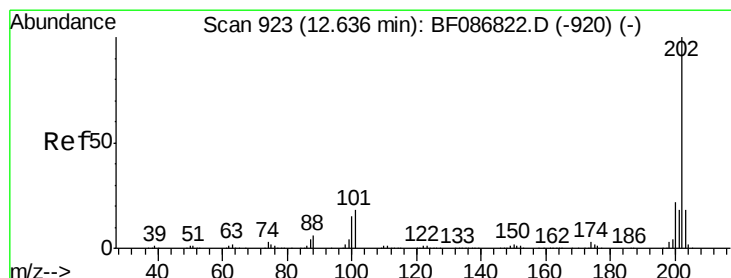
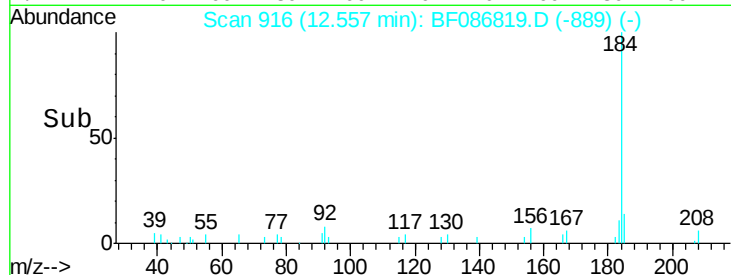
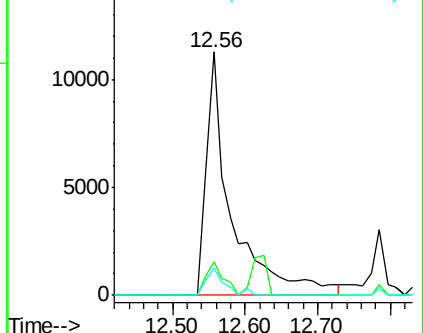
183 11.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 2.80 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

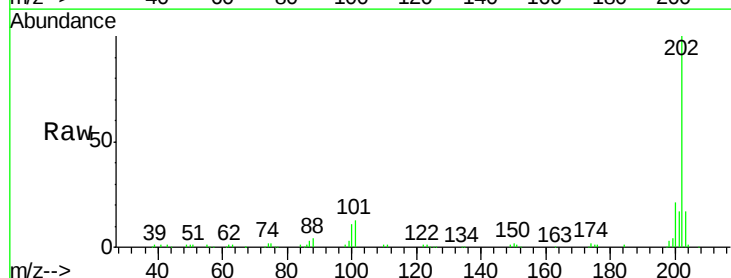
Tgt Ion:202 Resp: 118821

Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

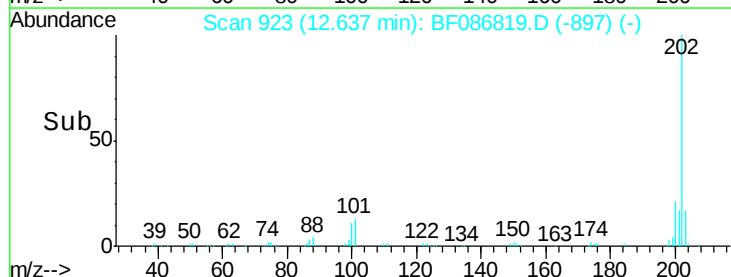
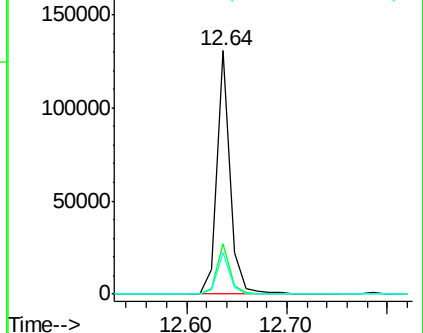
203 17.1 14.2 21.4

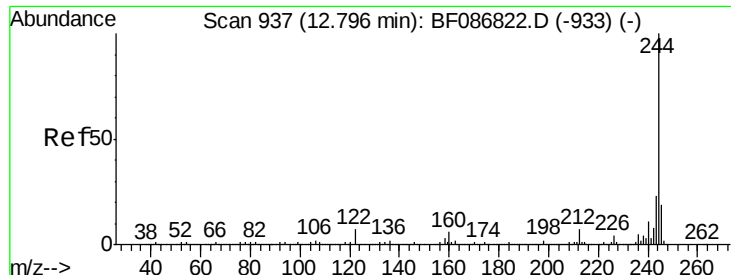


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 5.87 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC02.5

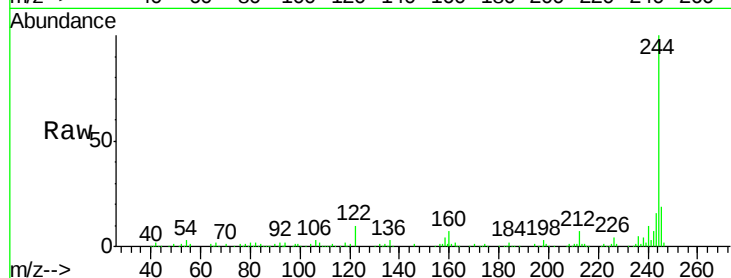
Tot Ion:244 Resp: 157014

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

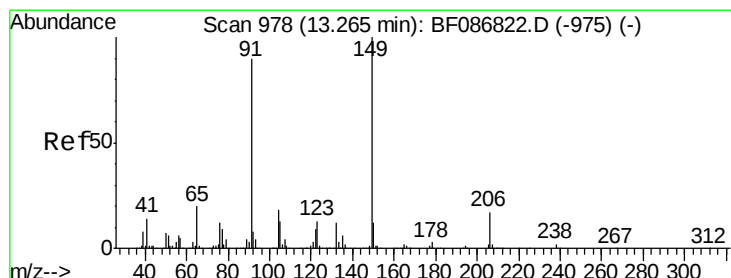
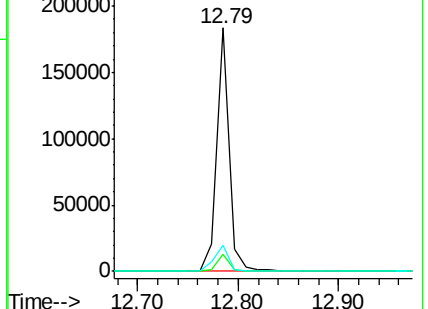
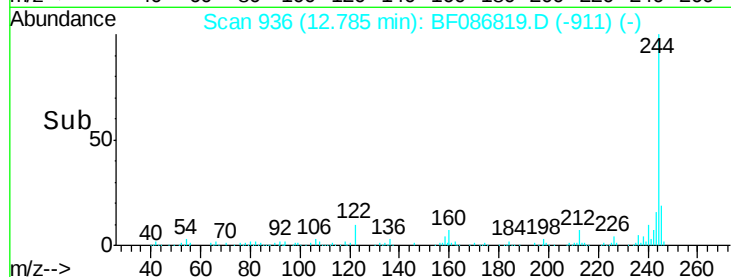
122 10.5 12.0 18.0#



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: 2.49 ng

RT: 13.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

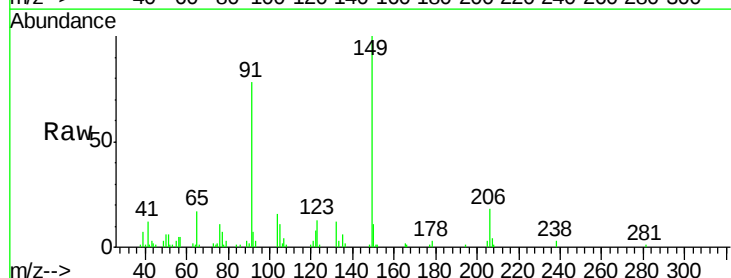
Tgt Ion:149 Resp: 45691

Ion Ratio Lower Upper

149 100

91 78.1 48.0 72.0#

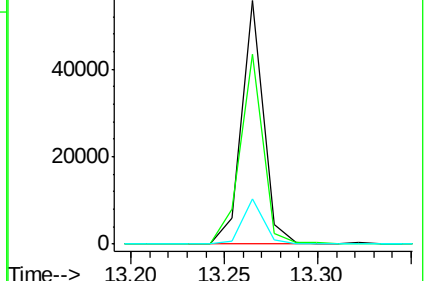
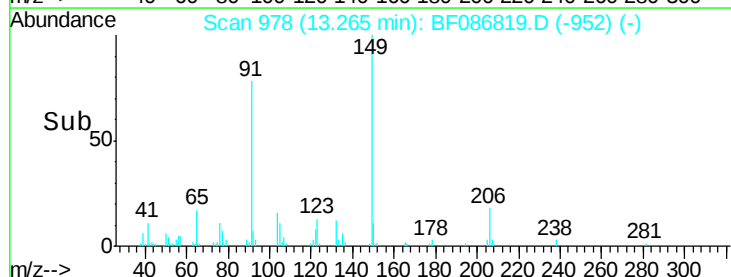
206 18.5 15.8 23.6

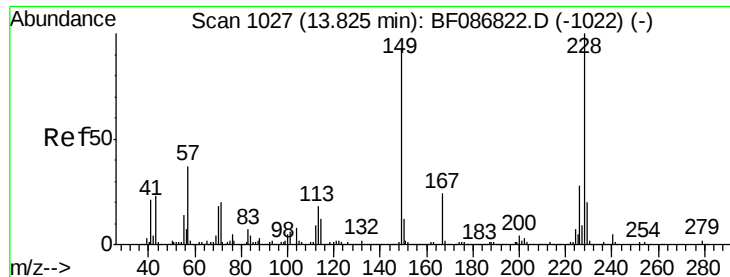


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.94 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

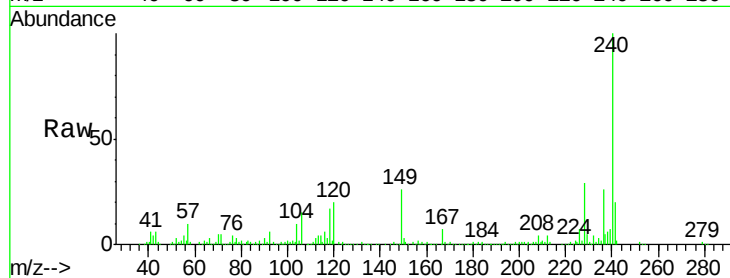
Tot Ion:228 Resp: 92388

Ion Ratio Lower Upper

228 100

226 26.0 22.5 33.7

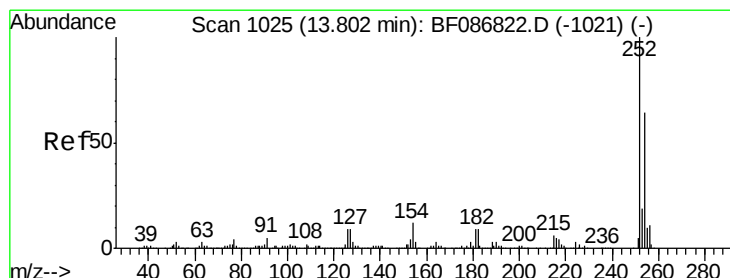
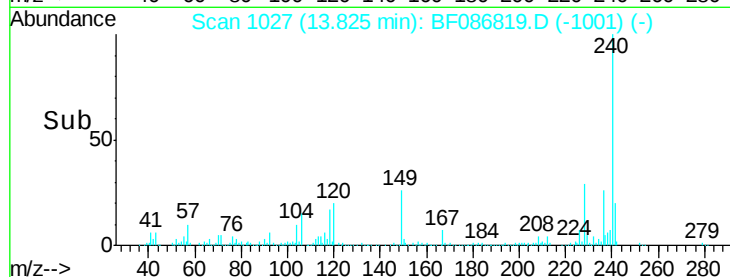
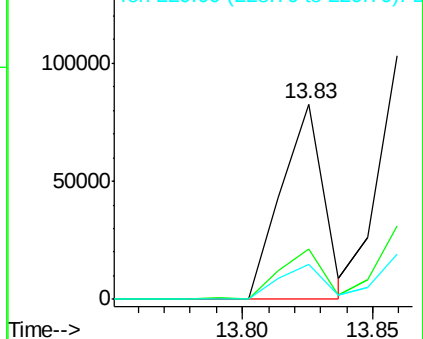
229 18.2 16.6 25.0



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: 2.54 ng

RT: 13.79 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

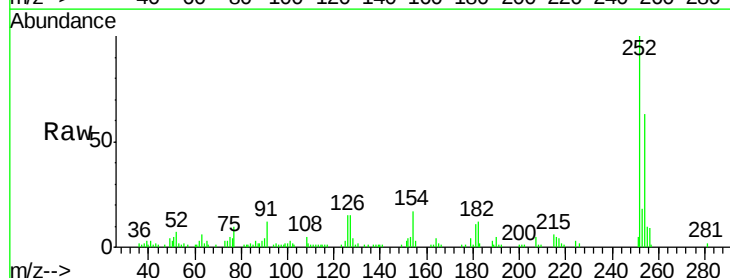
Tgt Ion:252 Resp: 53219

Ion Ratio Lower Upper

252 100

254 63.2 50.7 76.1

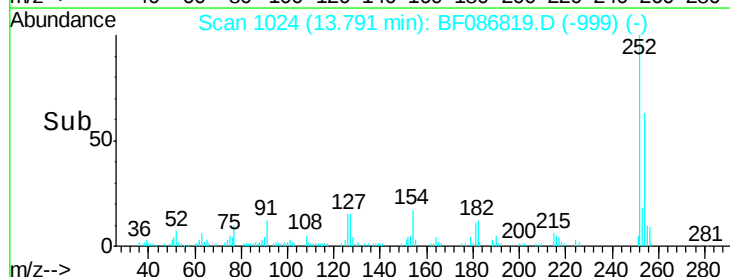
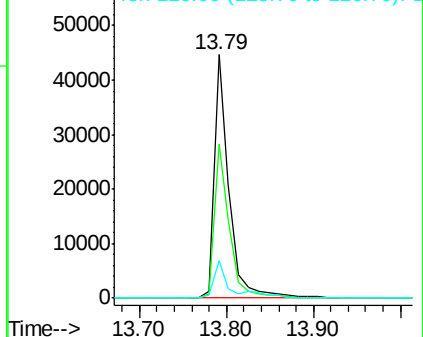
126 15.3 12.7 19.1

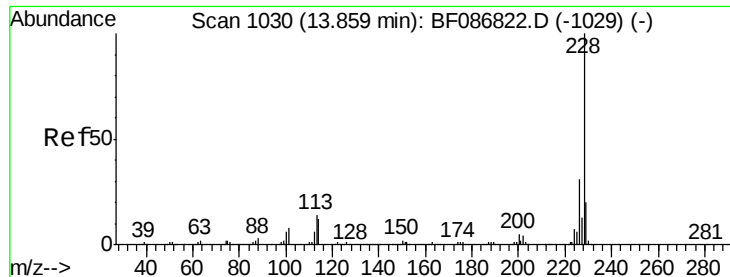


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2.92 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

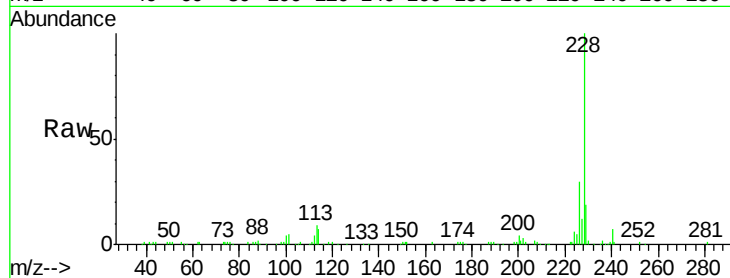
Tot Ion:228 Resp: 99586

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

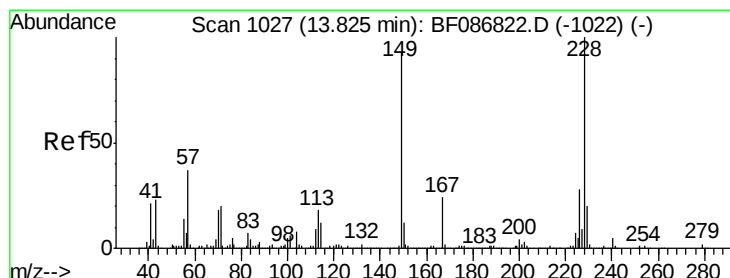
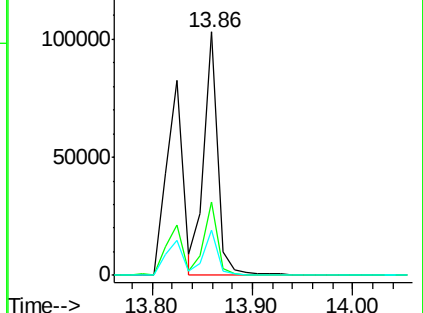
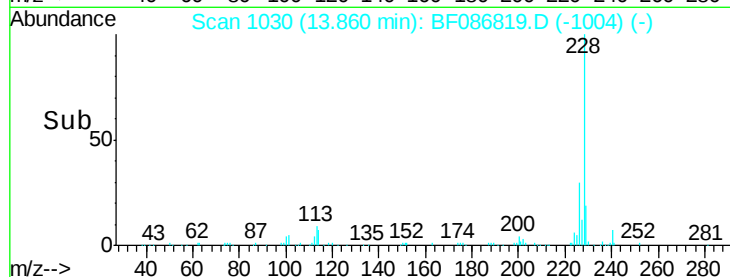
229 18.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.75 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

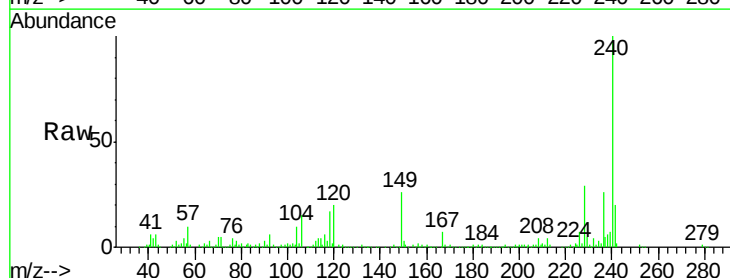
Tgt Ion:149 Resp: 62673

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

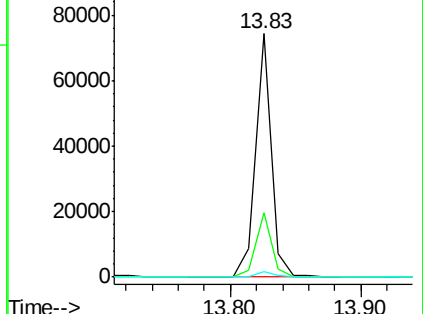
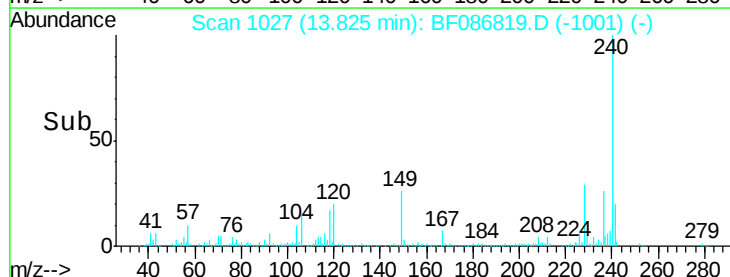
279 2.5 2.6 4.0#

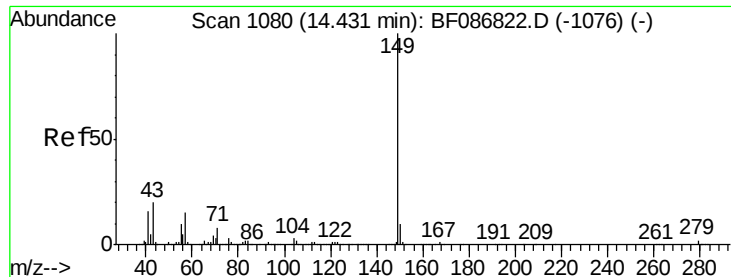


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.71 ng

RT: 14.43 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

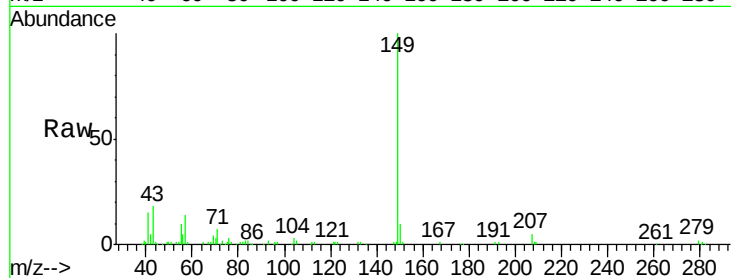
Tot Ion:149 Resp: 96785

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

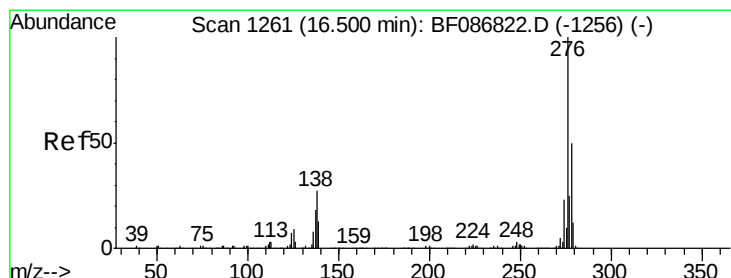
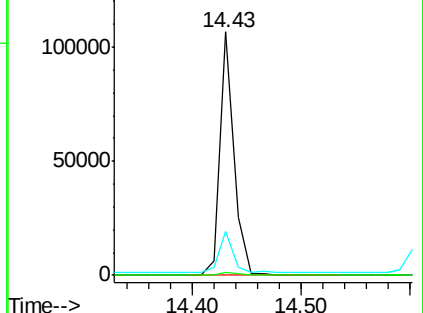
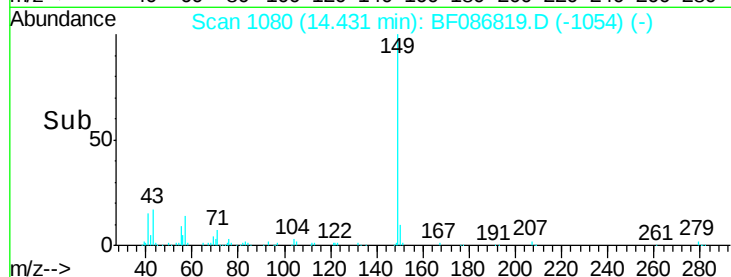
43 18.0 8.2 12.4#



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: 2.51 ng

RT: 16.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

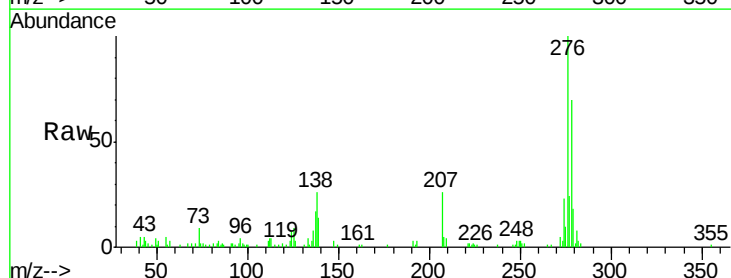
Tgt Ion:276 Resp: 63463

Ion Ratio Lower Upper

276 100

138 29.7 25.6 38.4

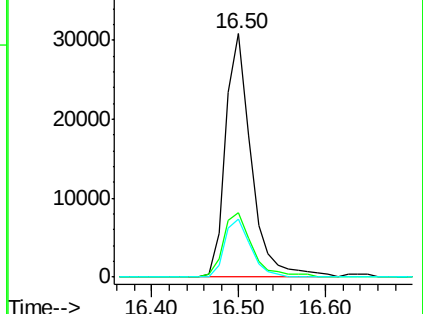
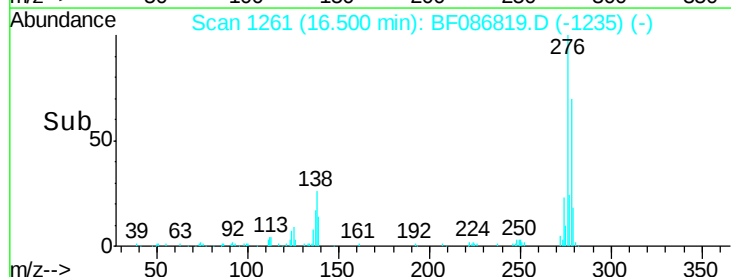
277 24.2 20.5 30.7

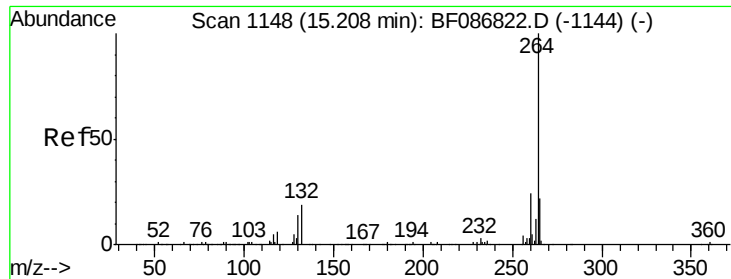


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

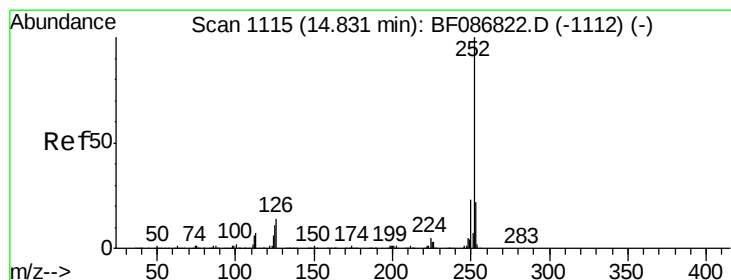
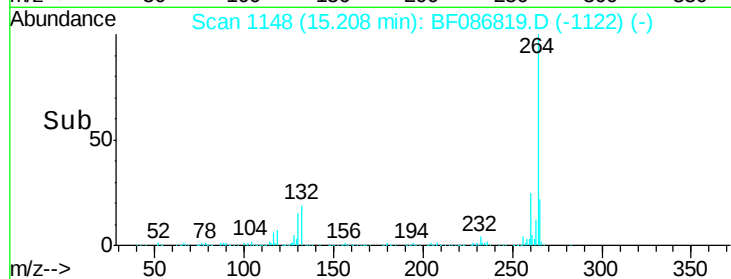
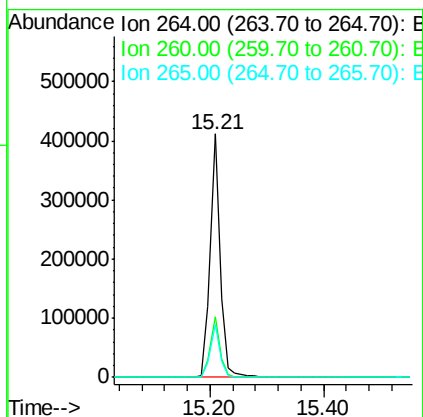
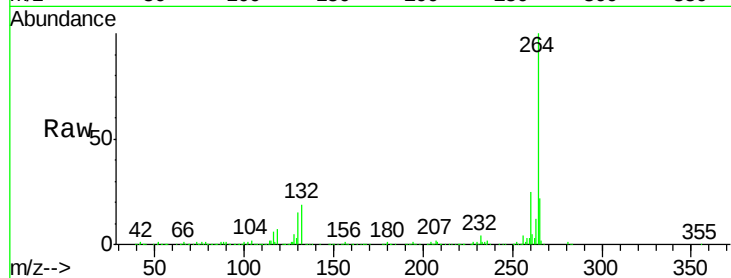




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

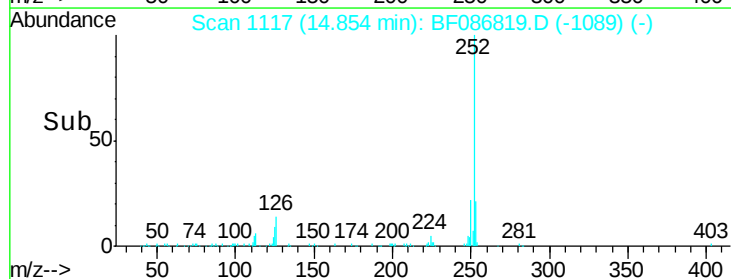
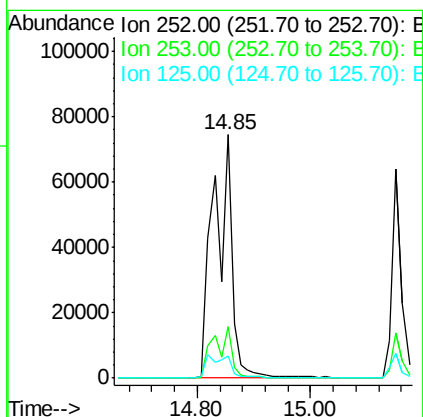
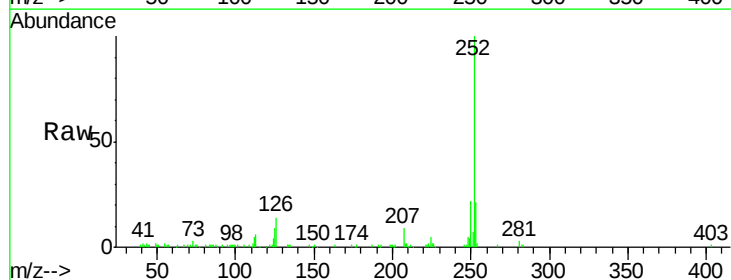
Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

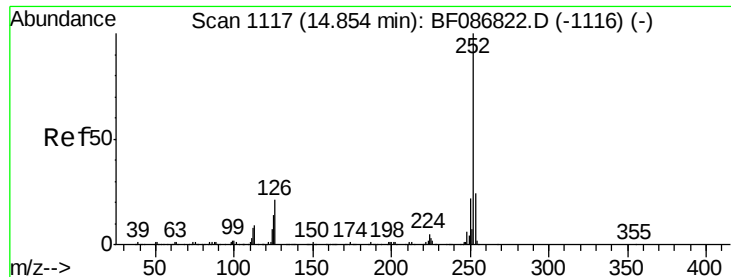
Tot Ion:264 Resp: 484491
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.8 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 5.78 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion:252 Resp: 164748
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 9.2 11.4 17.0#





#88

Benzo(k)fluoranthene

Concen: 5.54 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC02.5

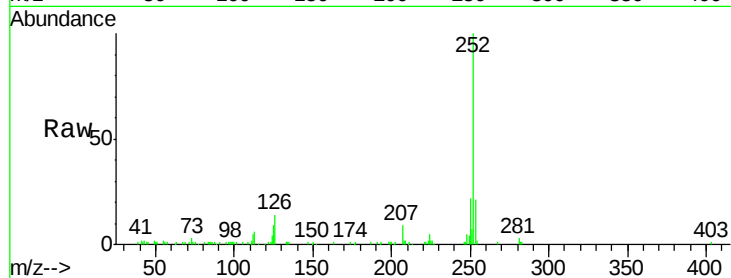
Tot Ion:252 Resp: 164748

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

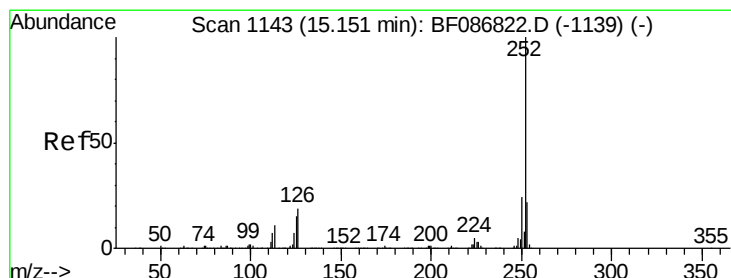
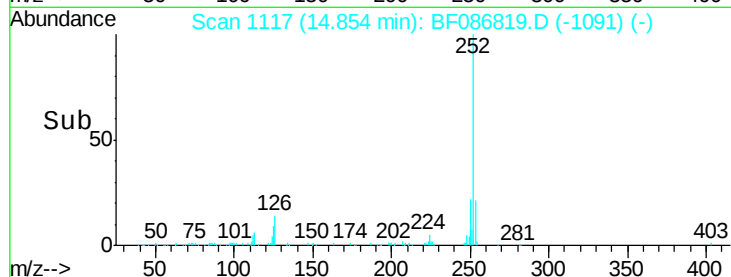
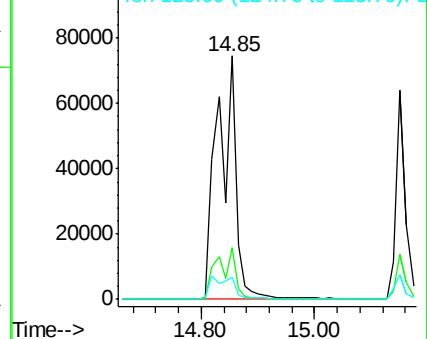
125 9.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.86 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF086819.D

Acq: 9 May 2016 12:15

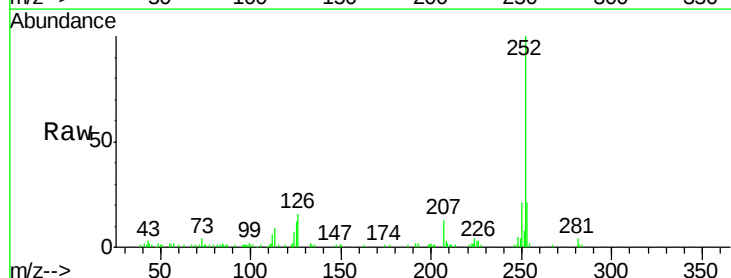
Tgt Ion:252 Resp: 76976

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

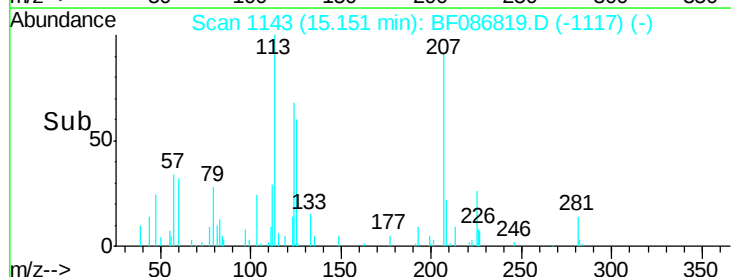
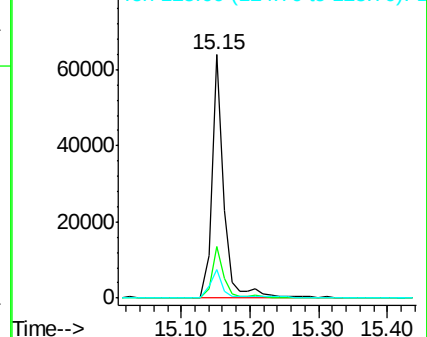
125 11.9 9.0 13.6

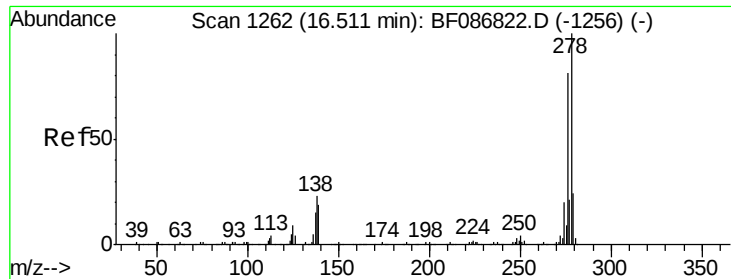


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

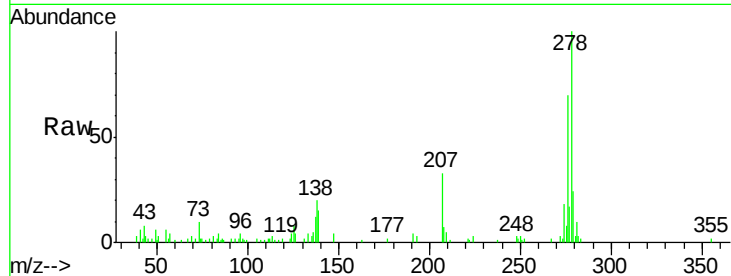




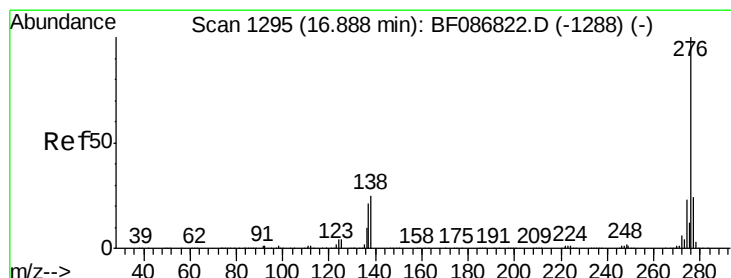
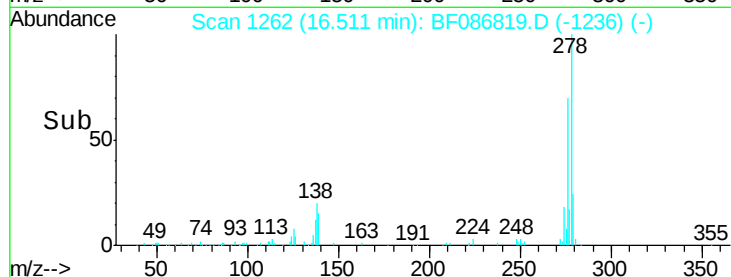
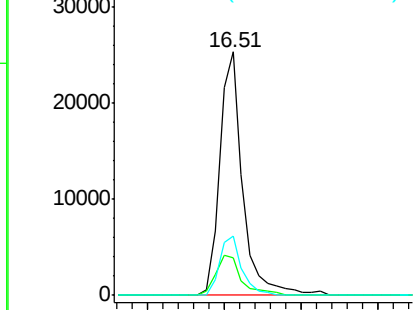
#90
Dibenzo(a,h)anthracene
Concen: 2.41 ng
RT: 16.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Tot Ion:278 Resp: 53088
Ion Ratio Lower Upper
278 100
139 15.5 16.6 24.8#
279 24.4 19.6 29.4

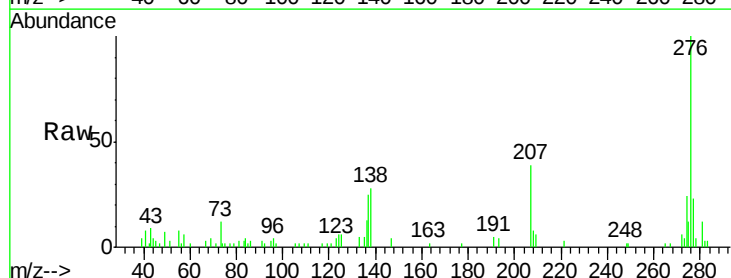


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.32 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF086819.D
Acq: 9 May 2016 12:15

Tgt Ion:276 Resp: 51165
Ion Ratio Lower Upper
276 100
277 23.2 19.6 29.4
138 28.5 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

