

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086874.D
 Acq On : 10 May 2016 22:06
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 11 03:45:41 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 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	194412	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	746989	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	309233	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	484415	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	341821	20.00	ng	-0.01
86) Perylene-d12	15.20	264	344681	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	869918	75.78	ng	-0.01
7) Phenol-d6	6.35	99	1012330	65.98	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1105340	74.30	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	196488	60.02	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1634226	88.82	ng	0.00
78) Terphenyl-d14	12.78	244	1292299	80.21	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	207244	36.77	ng	# 68
3) Pyridine	2.84	79	571097	41.45	ng	# 65
4) n-Nitrosodimethylamine	2.81	42	415584	41.60	ng	# 51
6) Aniline	6.35	93	605512	32.63	ng	# 85
8) 2-Chlorophenol	6.48	128	498311	35.97	ng	86
9) Benzaldehyde	6.24	77	340115	38.28	ng	97
10) Phenol	6.36	94	535334	29.36	ng	# 37
11) bis(2-Chloroethyl)ether	6.43	93	506862	35.65	ng	85
12) 1,3-Dichlorobenzene	6.86	146	456634	30.46	ng	97
13) 1,4-Dichlorobenzene	6.70	146	584672	38.25	ng	95
14) 1,2-Dichlorobenzene	6.86	146	465974	34.97	ng	93
15) Benzyl Alcohol	6.85	79	400463	37.80	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1167627	37.77	ng	86
17) 2-Methylphenol	6.97	107	365758	33.18	ng	# 73
18) Hexachloroethane	7.20	117	223373	38.84	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	380296	35.47	ng	# 63
20) 3+4-Methylphenols	7.13	107	470451	32.68	ng	# 63
22) Acetophenone	7.10	105	709764	40.23	ng	# 93
24) Nitrobenzene	7.29	77	632904	41.36	ng	90
25) Isophorone	7.53	82	1047589	37.95	ng	95
26) 2-Nitrophenol	7.60	139	252940	37.60	ng	# 72
27) 2,4-Dimethylphenol	7.65	122	413303	36.07	ng	90
28) bis(2-Chloroethoxy)methane	7.73	93	554889	37.27	ng	# 98
29) 2,4-Dichlorophenol	7.85	162	363647	36.06	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	426040	37.78	ng	96
31) Naphthalene	8.00	128	1321410	35.32	ng	98
32) Benzoic acid	7.80	122	199334	29.62	ng	92
33) 4-Chloroaniline	8.06	127	447214	30.76	ng	98
34) Hexachlorobutadiene	8.11	225	248553	37.99	ng	98
35) Caprolactam	8.45	113	116884	34.06	ng	# 82
36) 4-Chloro-3-methylphenol	8.56	107	360113	29.44	ng	93
37) 2-Methylnaphthalene	8.68	142	807948	36.94	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	379118	42.17	ng	96
40) Hexachlorocyclopentadiene	8.84	237	176927	41.46	ng	92

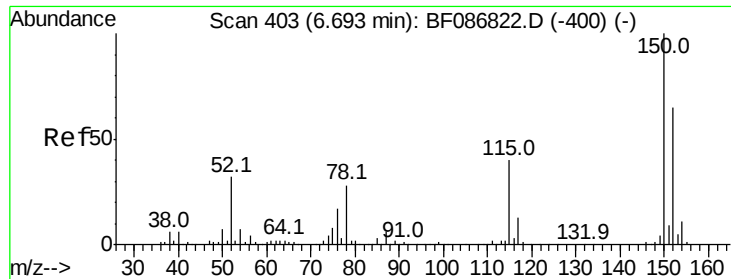
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	226805	37.72	nq	92
43) 2,4,5-Trichlorophenol	9.02	196	207150	33.32	nq	95
45) 1,1'-Biphenyl	9.15	154	944989	38.42	nq	96
46) 2-Chloronaphthalene	9.17	162	734076	38.09	nq	93
47) 2-Nitroaniline	9.29	65	246590	35.01	nq	96
48) Acenaphthylene	9.58	152	1036369	36.56	nq	99
49) Dimethylphthalate	9.46	163	829334	35.15	nq	99
50) 2,6-Dinitrotoluene	9.53	165	198614	40.00	nq	# 83
51) Acenaphthene	9.76	154	677287	38.41	nq	99
52) 3-Nitroaniline	9.70	138	163279	31.24	nq	93
53) 2,4-Dinitrophenol	9.80	184	55153	27.34	nq	# 80
54) Dibenzofuran	9.93	168	819106	36.19	nq	95
55) 4-Nitrophenol	9.88	139	81274	26.55	nq	# 73
56) 2,4-Dinitrotoluene	9.93	165	220325	35.86	nq	# 88
57) Fluorene	10.27	166	739416	38.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	159797	34.14	nq	97
59) Diethylphthalate	10.16	149	830491	36.12	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	338817	39.02	nq	# 77
61) 4-Nitroaniline	10.30	138	145122	28.91	nq	# 70
62) Azobenzene	10.42	77	855013	34.47	nq	82
64) 4,6-Dinitro-2-methylphenol	10.34	198	96663	32.12	nq	91
65) n-Nitrosodiphenylamine	10.38	169	556825	37.42	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	202007	41.13	nq	98
67) Hexachlorobenzene	10.82	284	251068	43.74	nq	# 94
68) Atrazine	10.92	200	198083	39.84	nq	95
69) Pentachlorophenol	11.01	266	99187	37.39	nq	96
70) Phenanthrene	11.23	178	973398	37.65	nq	99
71) Anthracene	11.28	178	1006548	38.07	nq	100
72) Carbazole	11.44	167	788003	34.67	nq	99
73) Di-n-butylphthalate	11.77	149	1083489	39.04	nq	# 98
74) Fluoranthene	12.41	202	992997	37.35	nq	95
76) Benzidine	12.54	184	25899	2.97	nq	98
77) Pyrene	12.64	202	1006440	38.46	nq	99
79) Butylbenzylphthalate	13.25	149	448265	40.50	nq	# 61
80) Benzo(a)anthracene	13.81	228	768367	40.04	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	430337	35.30	nq	# 96
82) Chrysene	13.86	228	843524	43.21	nq	100
83) Bis(2-ethylhexyl)phthalate	13.81	149	584346	43.89	nq	# 94
84) Di-n-octyl phthalate	14.43	149	1073786	48.68	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.49	276	754609	46.46	nq	95
87) Benzo(b)fluoranthene	14.85	252	1576177	70.36	nq	# 93
88) Benzo(k)fluoranthene	14.85	252	1577640	86.01	nq	# 96
89) Benzo(a)pyrene	15.15	252	740117	38.31	nq	# 97
90) Dibenzo(a,h)anthracene	16.50	278	618407	37.98	nq	98
91) Benzo(g,h,i)perylene	16.88	276	622330	37.61	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086874.D

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SSTDCCC040EC

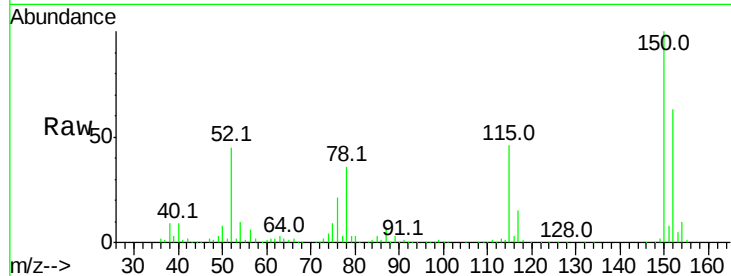
Tot Ion:152 Resp: 194412

Ion Ratio Lower Upper

152 100

150 159.3 125.8 188.6

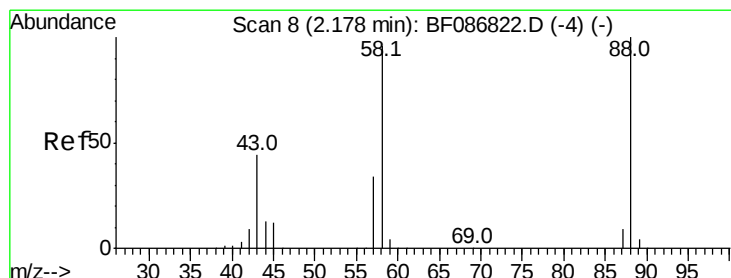
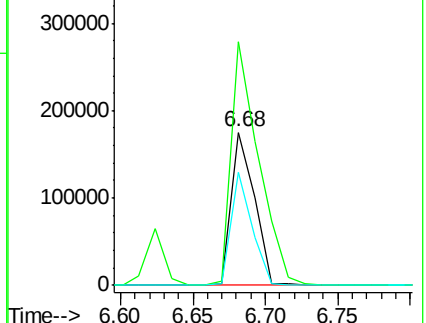
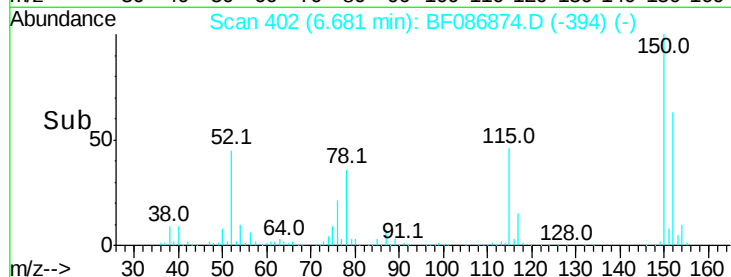
115 74.0 51.5 77.3



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: 36.77 ng

RT: 2.17 min Scan# 7

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

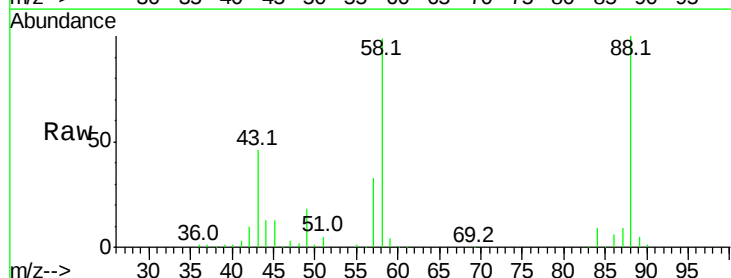
Tgt Ion: 88 Resp: 207244

Ion Ratio Lower Upper

88 100

58 100.1 59.6 89.4#

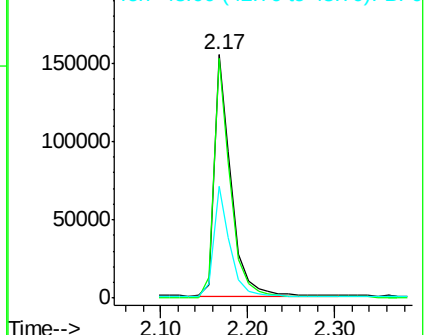
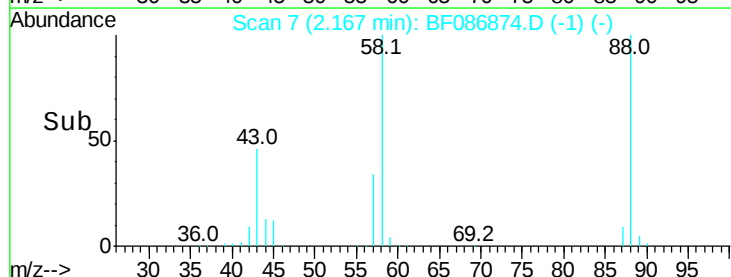
43 45.5 21.8 32.6#

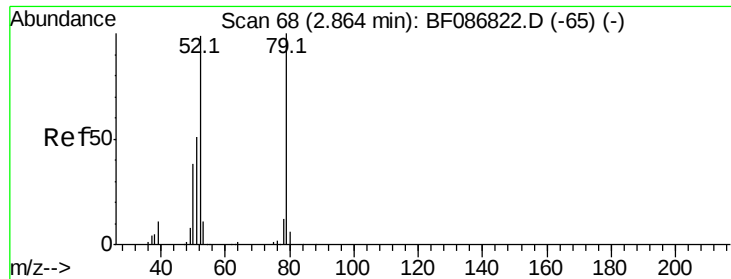


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.45 ng

RT: 2.84 min Scan# 66

Delta R.T. -0.02 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

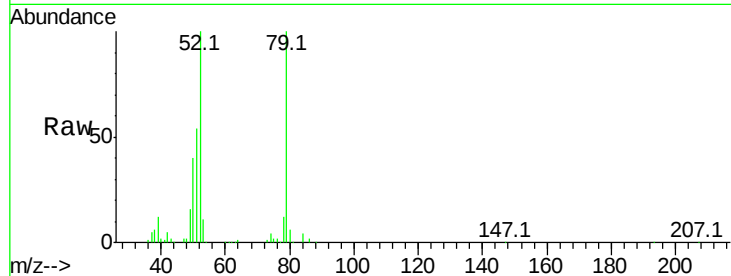
Tot Ion: 79 Resp: 571097

Ion Ratio Lower Upper

79 100

52 100.1 55.9 83.9#

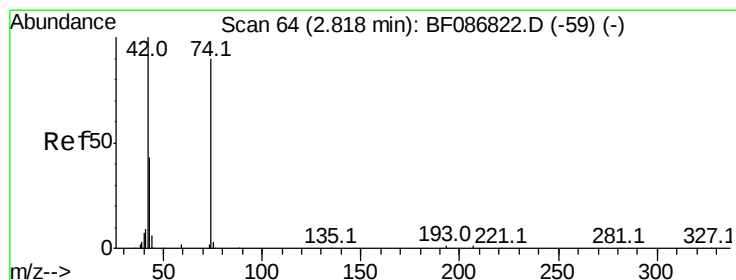
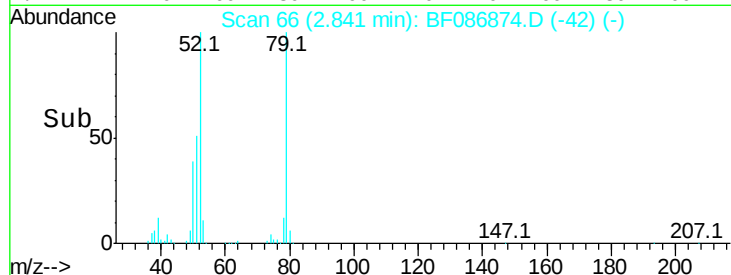
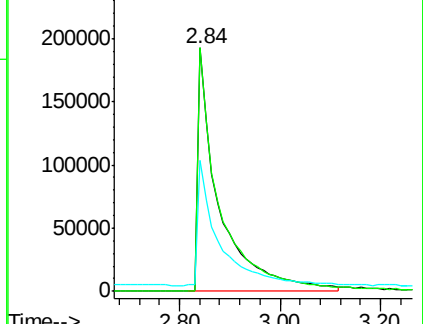
51 53.7 28.1 42.1#



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: 41.60 ng

RT: 2.81 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

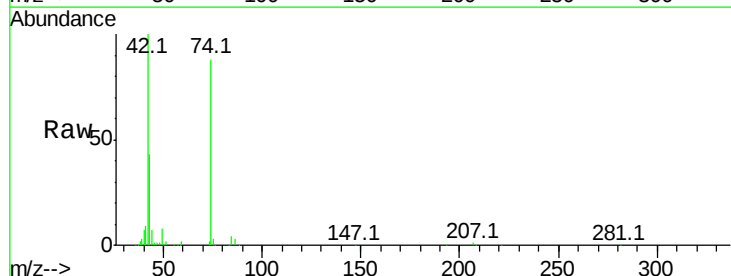
Tgt Ion: 42 Resp: 415584

Ion Ratio Lower Upper

42 100

74 87.7 123.4 185.0#

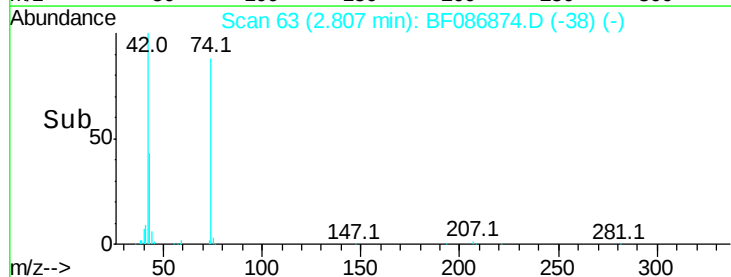
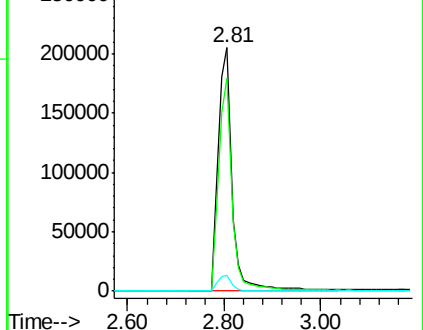
44 6.5 5.8 8.6

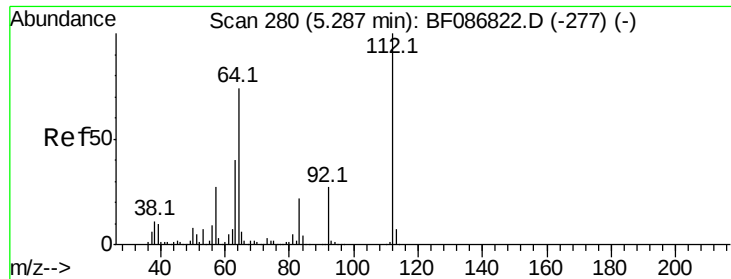


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.78 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

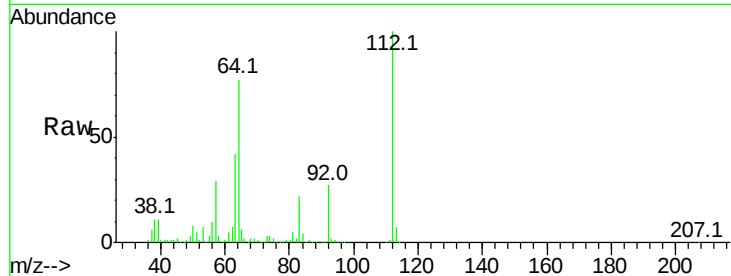
Tot Ion:112 Resp: 869918

Ion Ratio Lower Upper

112 100

64 76.5 52.1 78.1

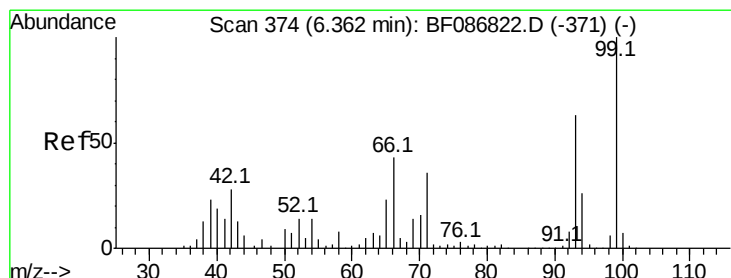
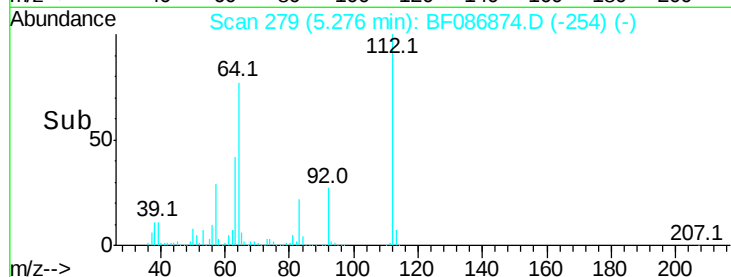
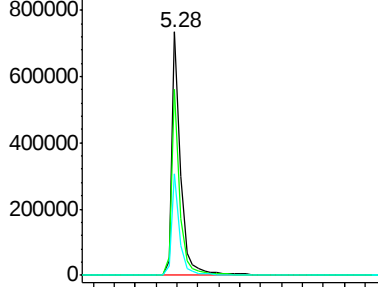
63 41.7 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.63 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

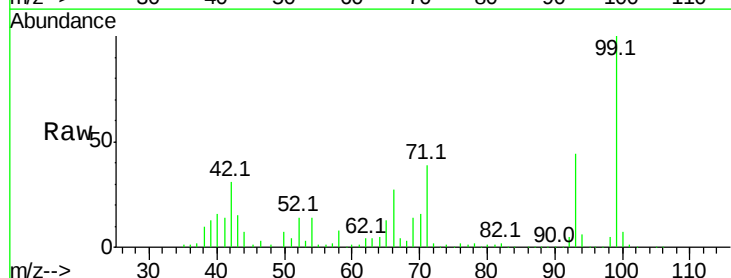
Tgt Ion: 93 Resp: 605512

Ion Ratio Lower Upper

93 100

66 62.2 39.0 58.6#

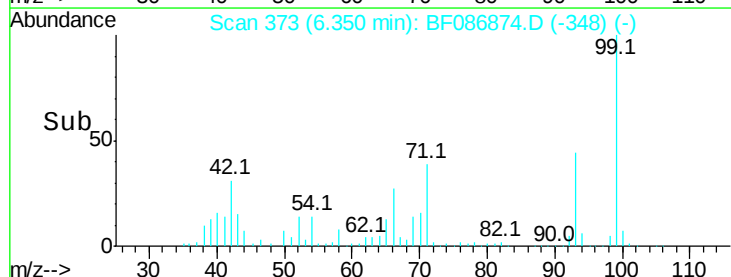
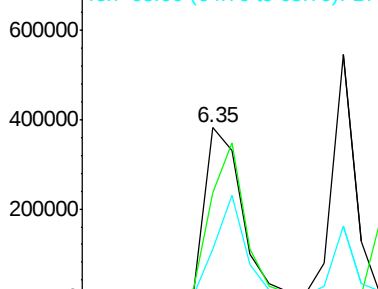
65 29.0 20.6 31.0

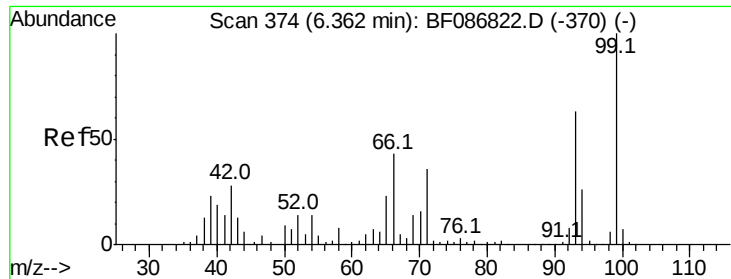


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 65.98 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

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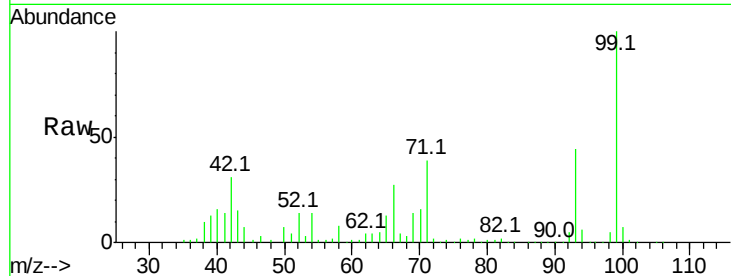
Tot Ion: 99 Resp: 1012330

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

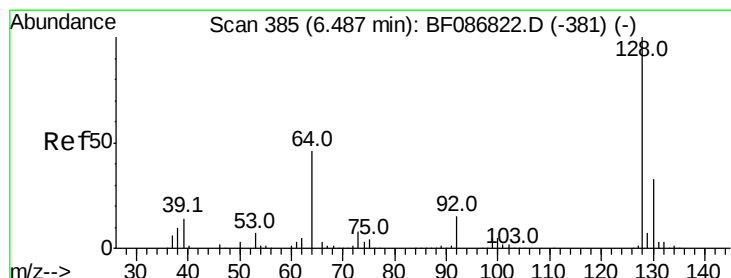
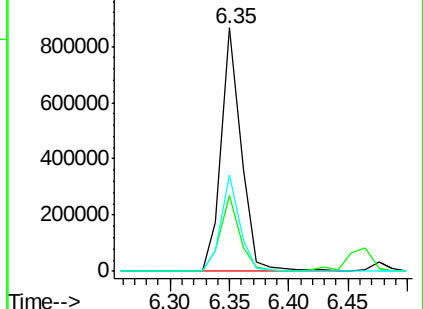
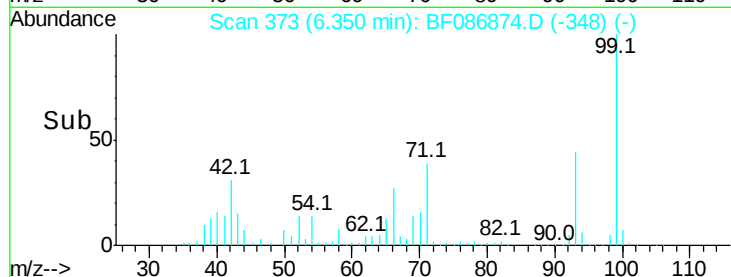
71 39.4 24.6 36.8#



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: 35.97 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

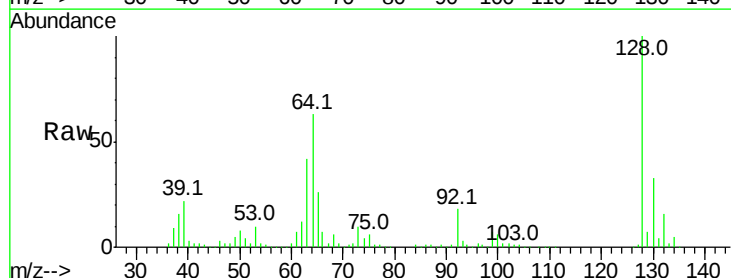
Tgt Ion:128 Resp: 498311

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

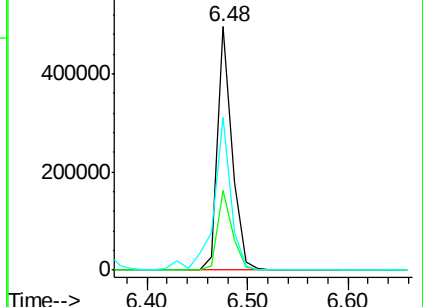
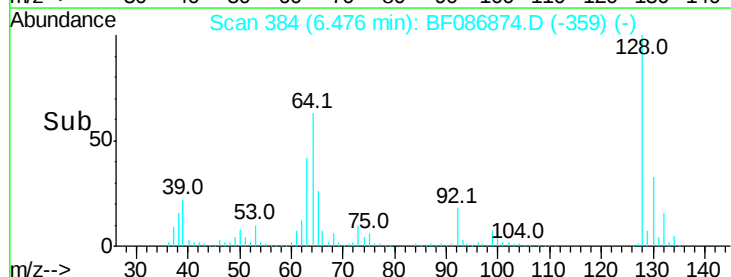
64 62.8 27.3 67.3

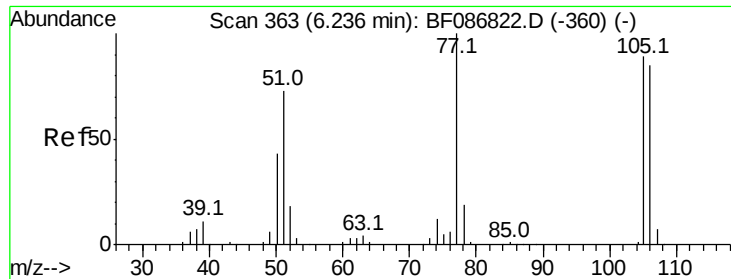


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.28 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

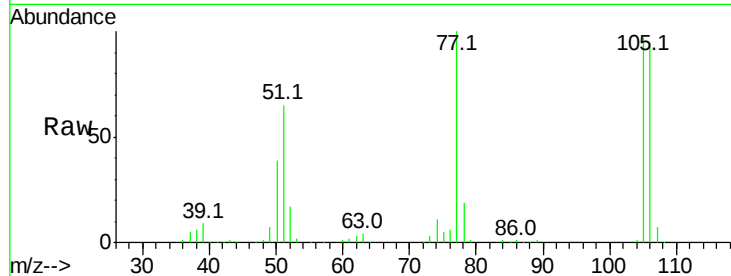
Tot Ion: 77 Resp: 340115

Ion Ratio Lower Upper

77 100

105 97.3 72.7 112.7

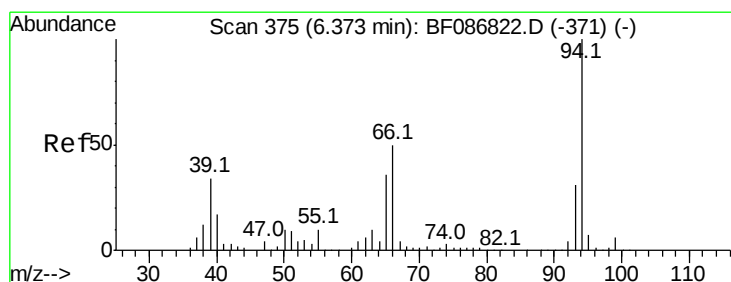
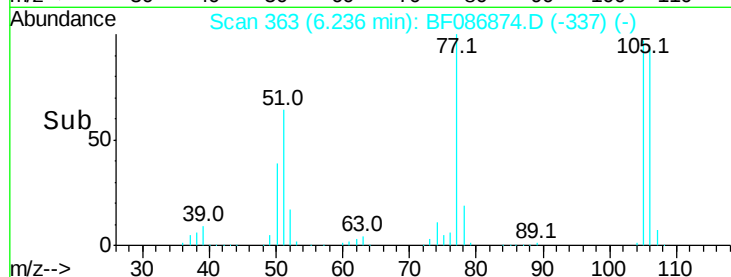
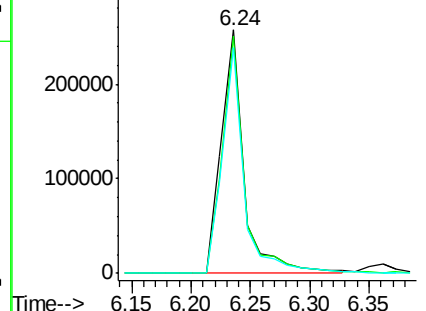
106 92.7 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 29.36 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

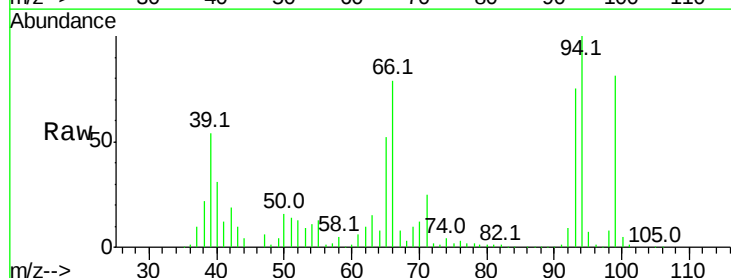
Tgt Ion: 94 Resp: 535334

Ion Ratio Lower Upper

94 100

65 52.3 7.2 47.2#

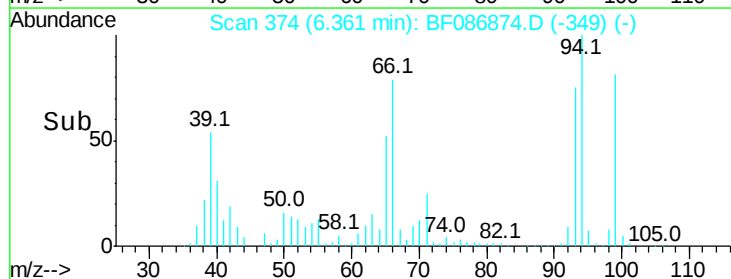
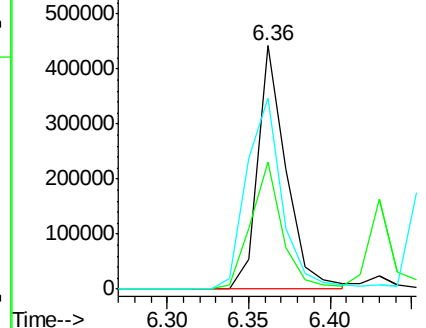
66 78.6 14.9 54.9#

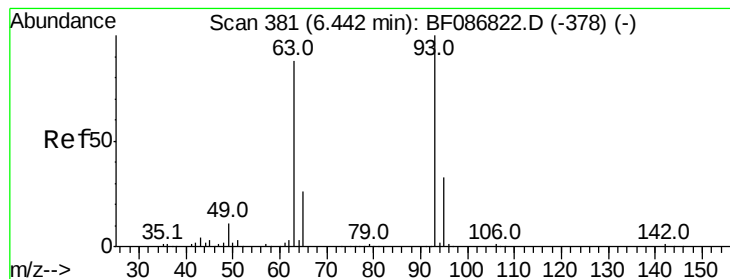


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.65 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

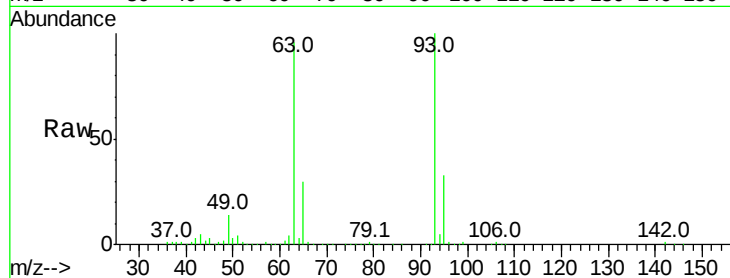
Tot Ion: 93 Resp: 506862

Ion Ratio Lower Upper

93 100

63 96.3 58.0 98.0

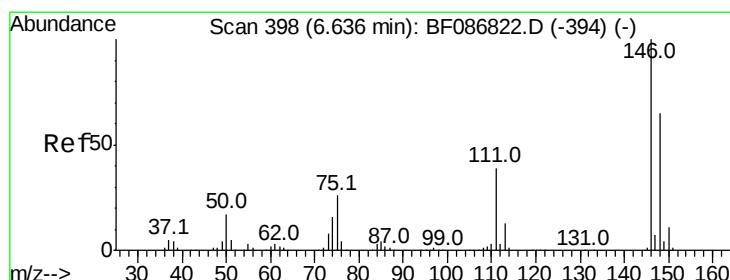
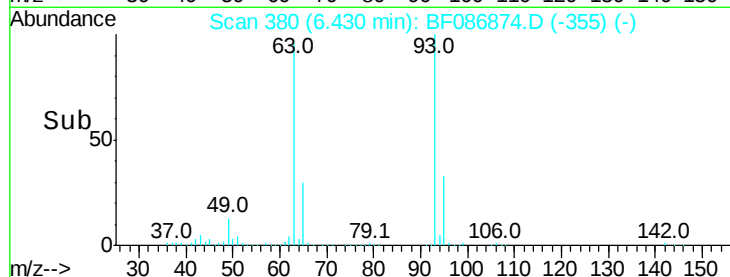
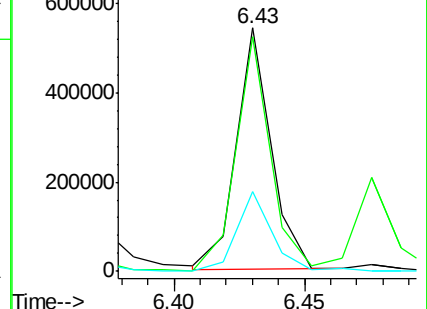
95 32.9 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 30.46 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.23 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

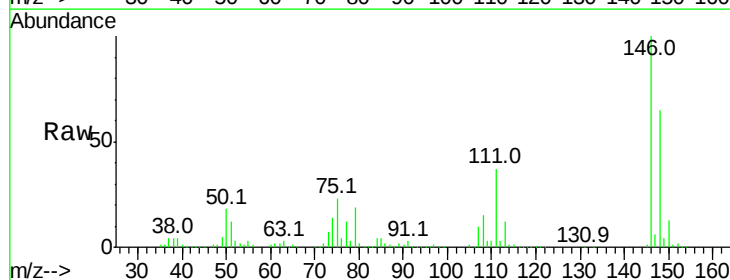
Tgt Ion: 146 Resp: 456634

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

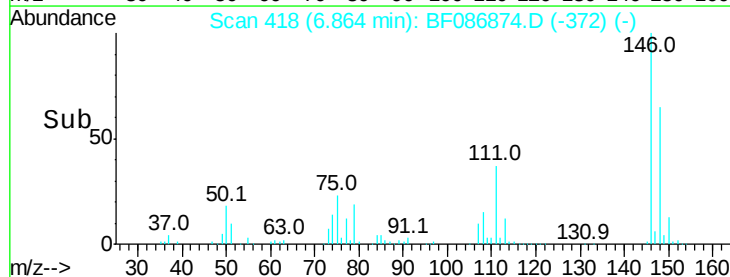
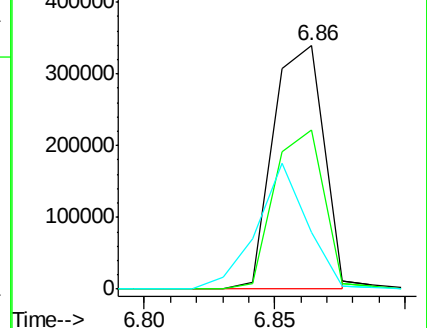
75 23.2 22.8 34.2

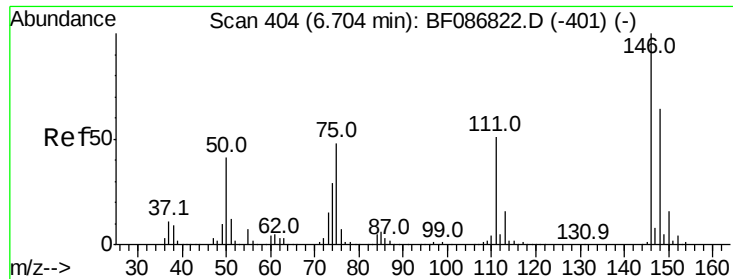


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.25 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

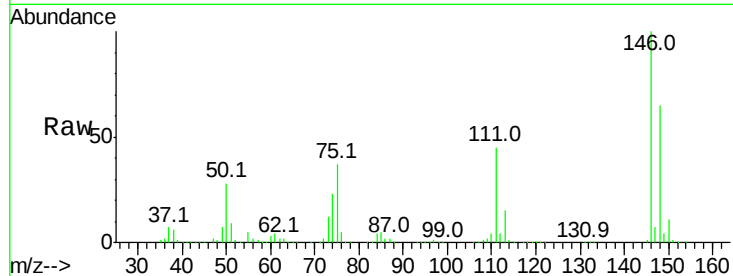
Tot Ion:146 Resp: 584672

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

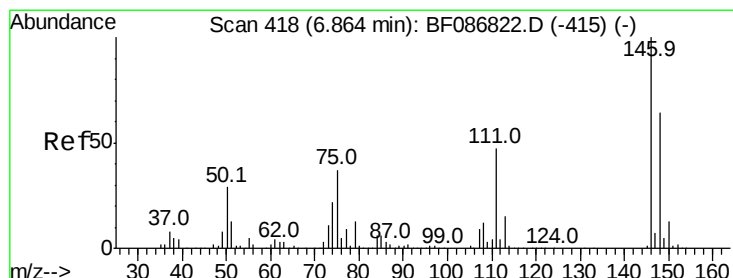
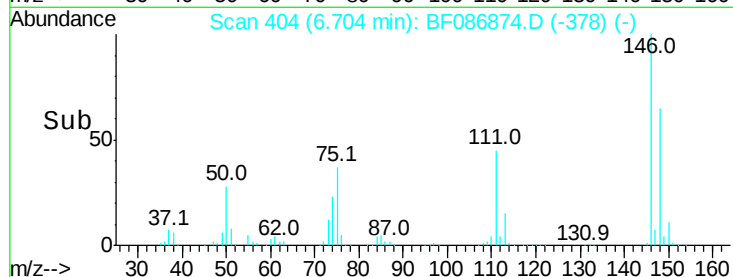
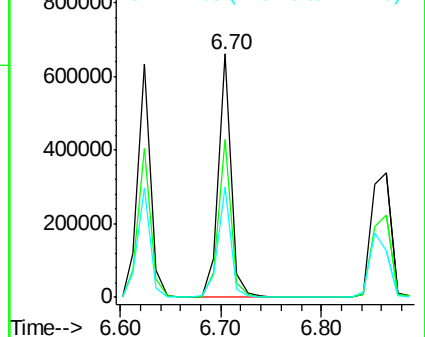
111 45.2 30.7 46.1



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: 34.97 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

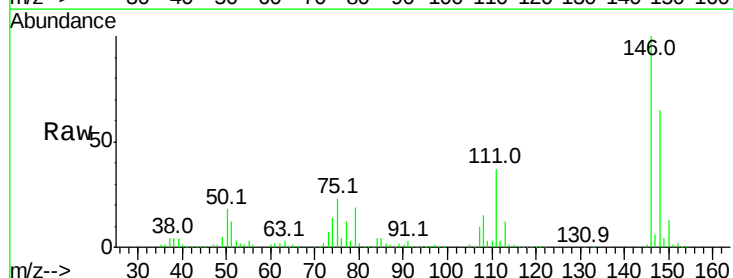
Tgt Ion:146 Resp: 465974

Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.6

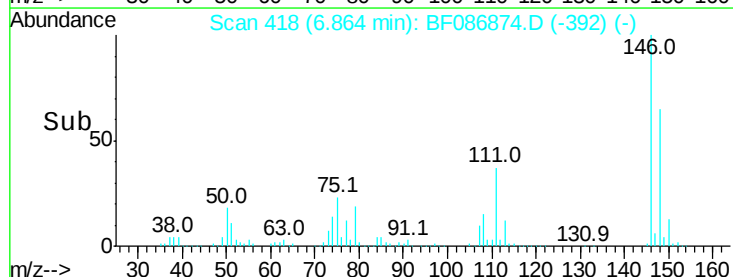
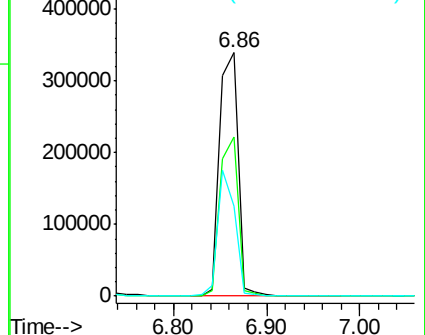
111 36.9 36.2 54.4

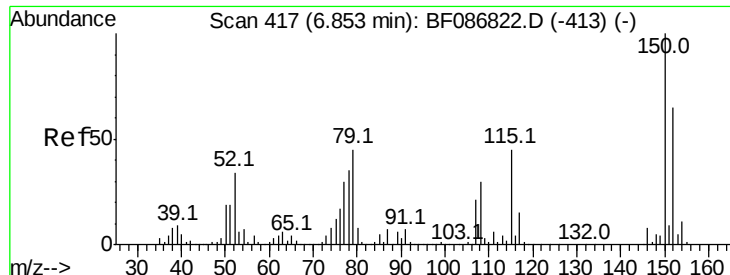


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

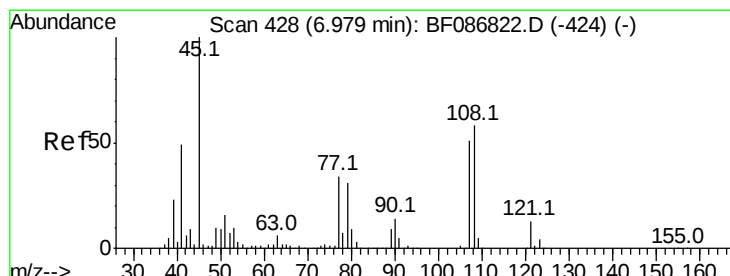
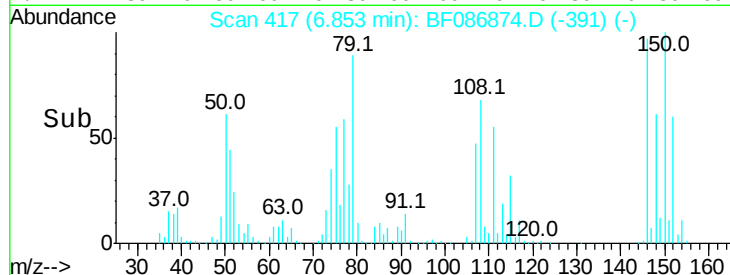
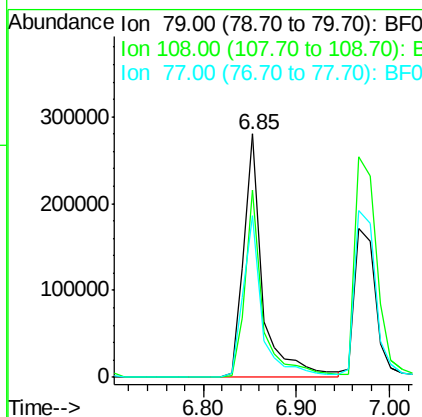
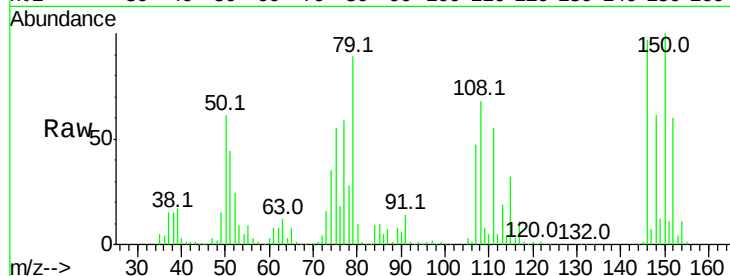




#15
Benzyl Alcohol
Concen: 37.80 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

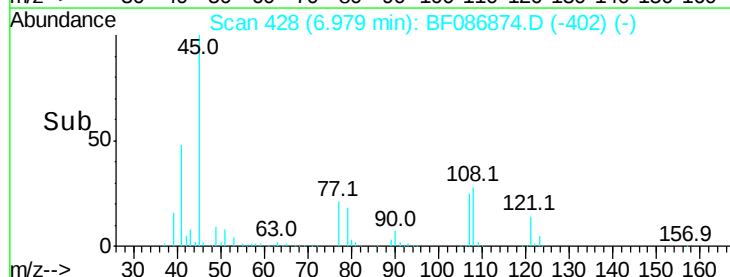
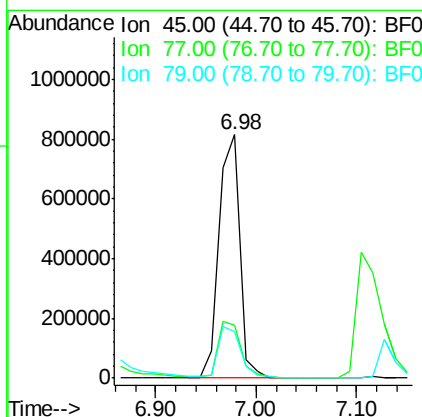
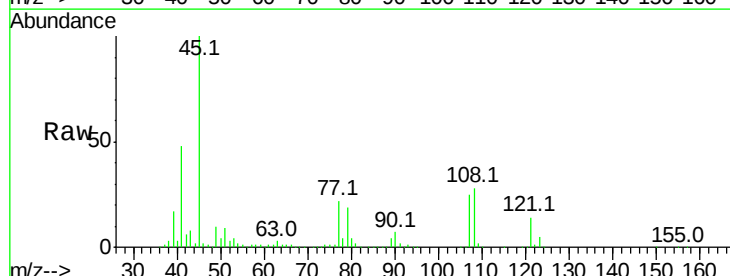
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

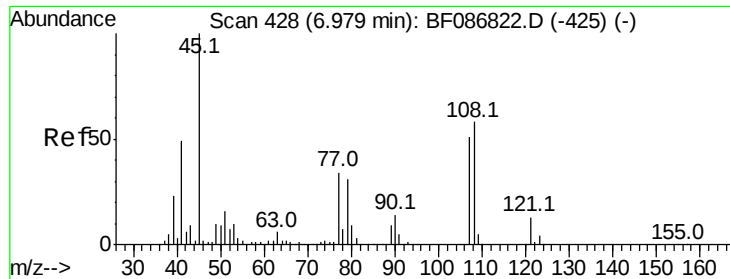
Tot Ion: 79 Resp: 400463
Ion Ratio Lower Upper
79 100
108 76.8 68.4 102.6
77 66.5 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.77 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Tgt Ion: 45 Resp: 1167627
Ion Ratio Lower Upper
45 100
77 21.8 0.0 36.4
79 19.3 0.0 33.4

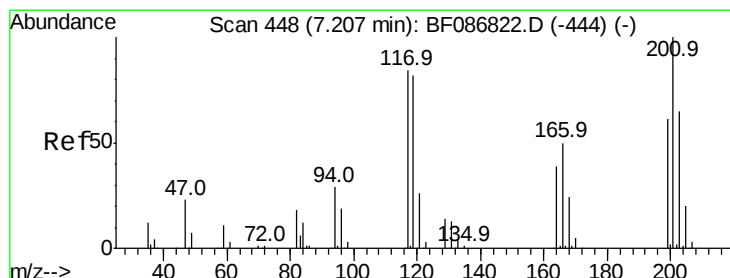
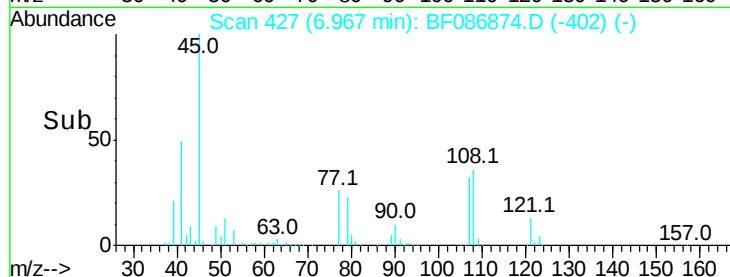
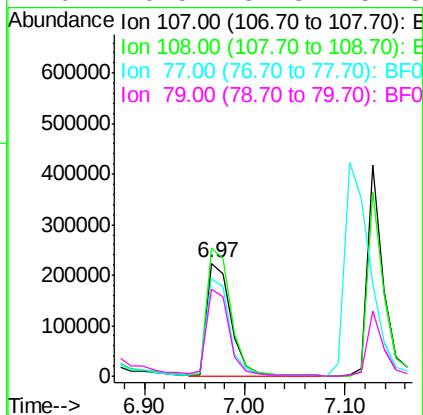
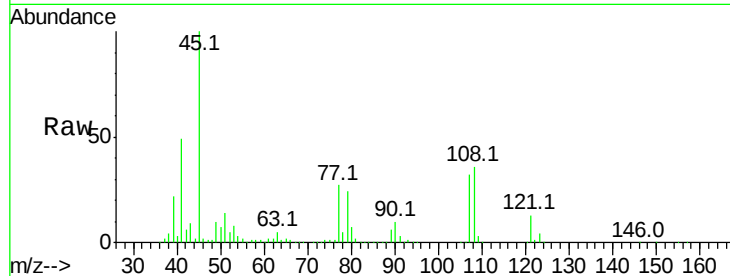




#17
2-Methylphenol
Concen: 33.18 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

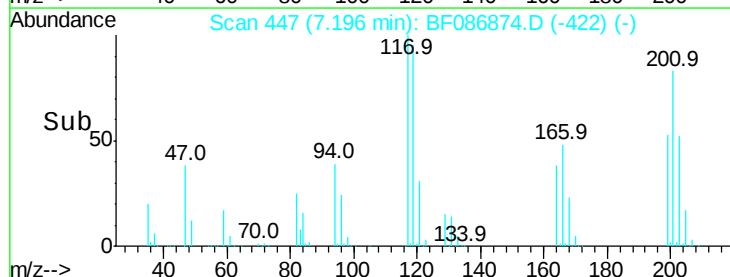
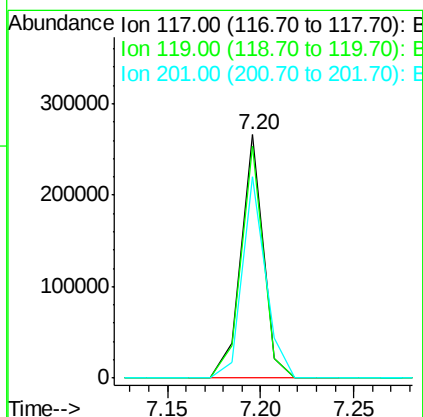
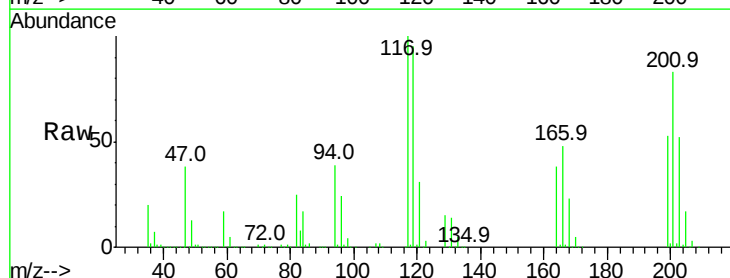
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

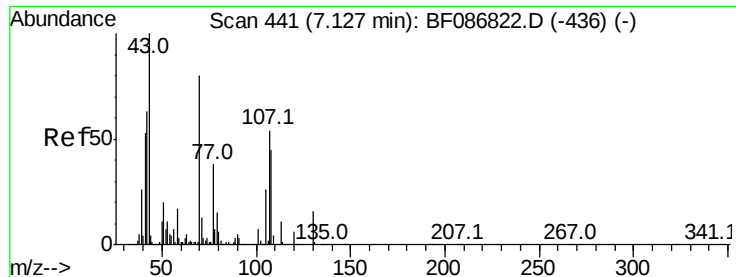
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.7	140.5
77	85.6	33.4	50.0#
79	76.5	34.3	51.5#



#18
Hexachloroethane
Concen: 38.84 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	82.7	63.0	94.6

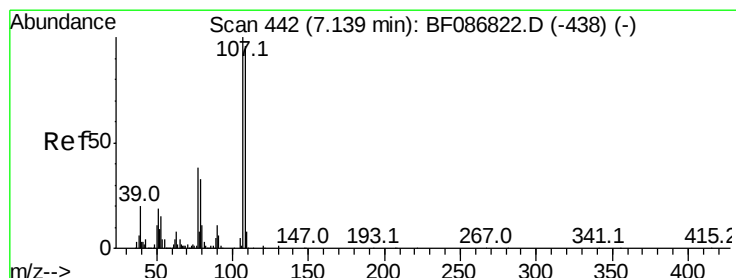
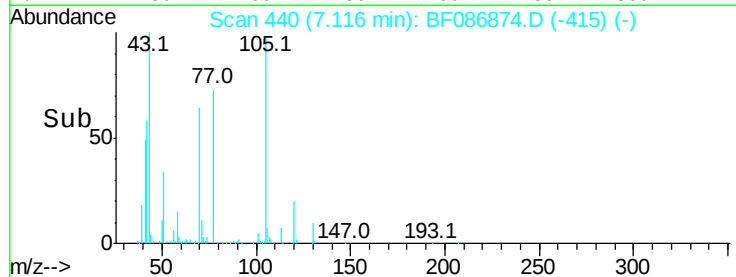
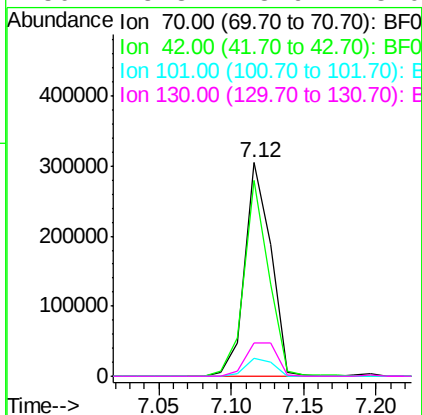
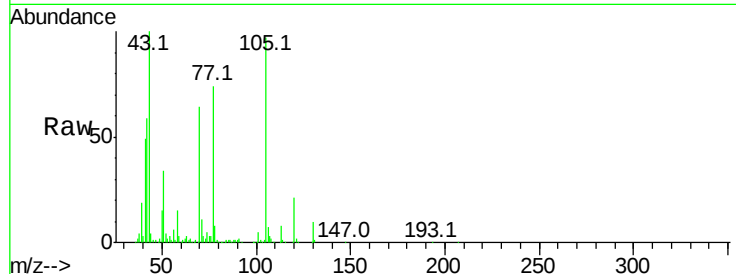




#19
n-Nitroso-di-n-propylamine
Concen: 35.47 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

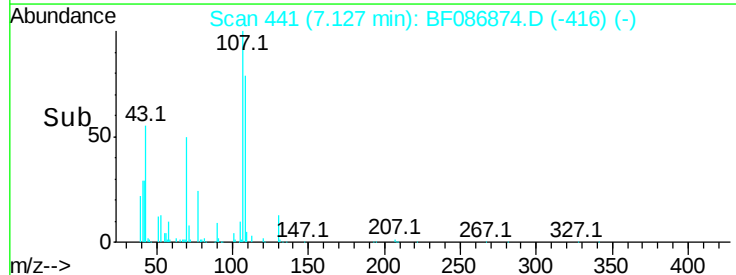
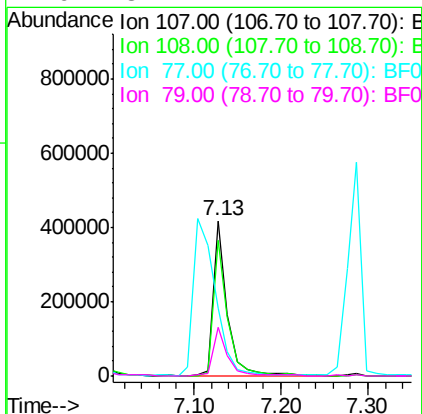
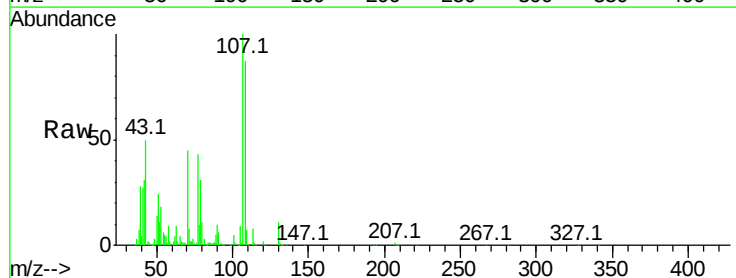
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

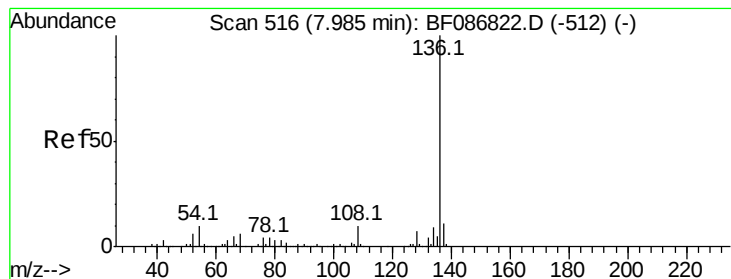
Tot Ion	Ratio	Lower	Upper
70	100		
42	91.5	43.1	64.7#
101	8.2	8.1	12.1
130	15.3	18.6	28.0#



#20
3+4-Methylphenols
Concen: 32.68 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.5	108.5
77	43.5	101.6	141.6#
79	31.1	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: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 746989

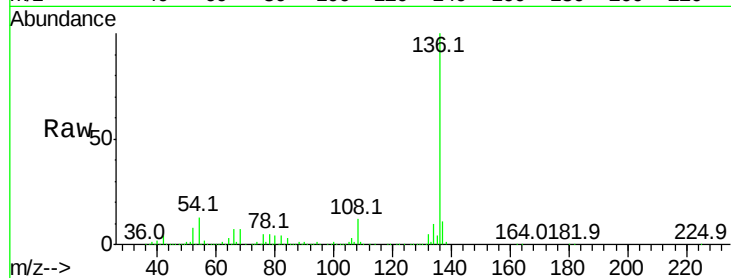
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 13.3 5.0 7.4#

68 7.1 4.4 6.6#



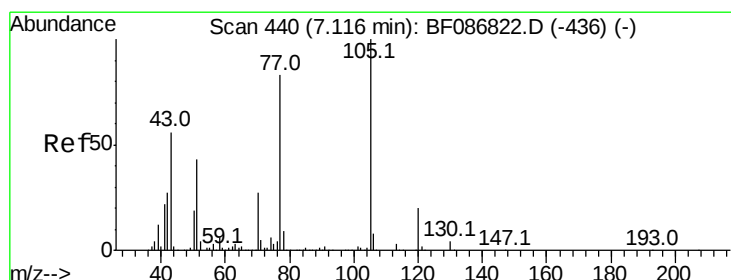
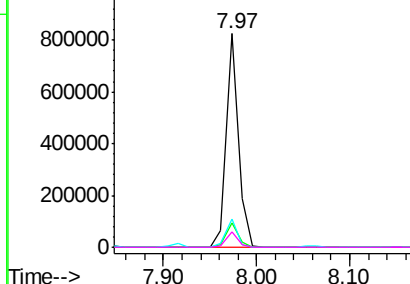
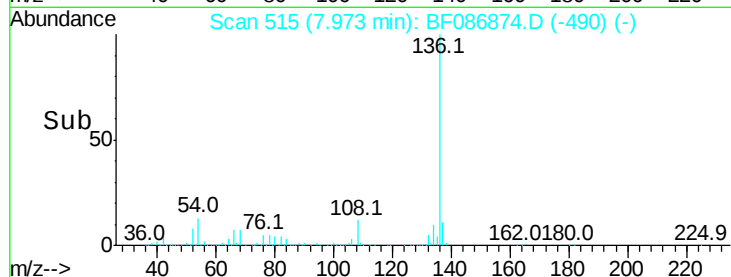
Abundance

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: 40.23 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Tgt Ion:105 Resp: 709764

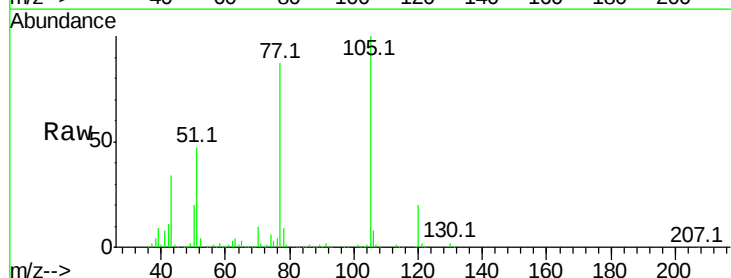
Ion Ratio Lower Upper

105 100

71 1.7 4.8 7.2#

51 46.6 32.6 49.0

120 20.2 16.5 24.7



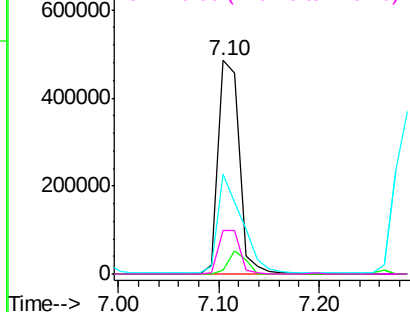
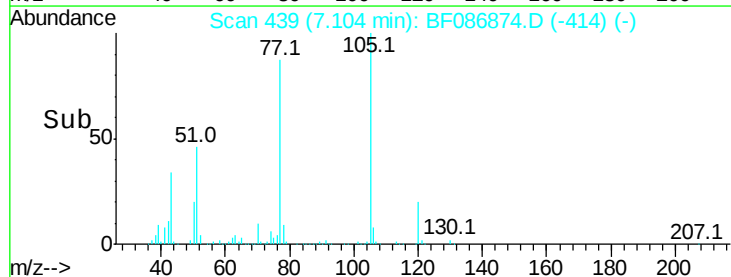
Abundance

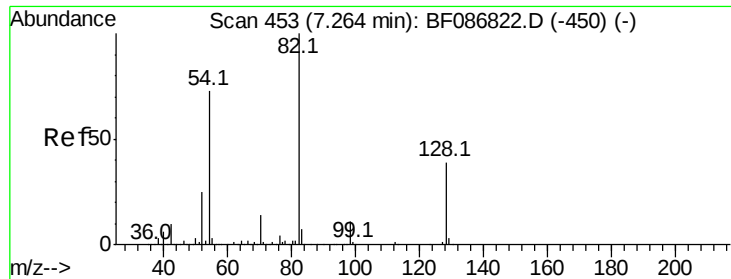
Ion 105.00 (104.70 to 105.70): E

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

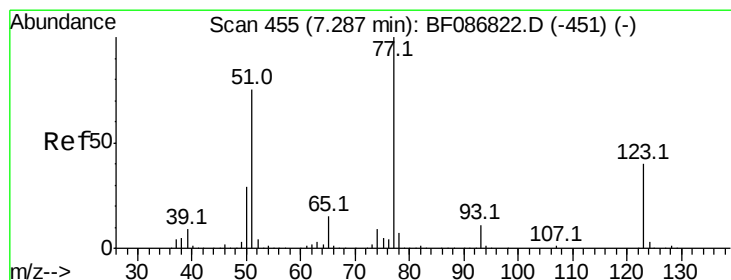
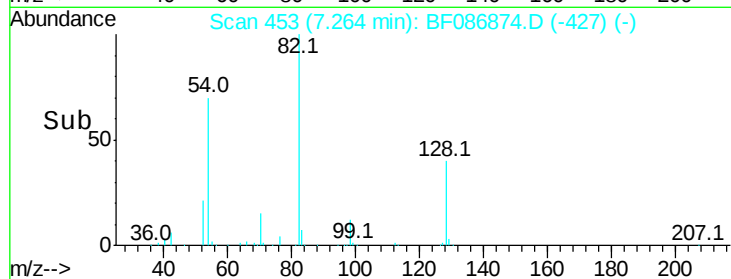
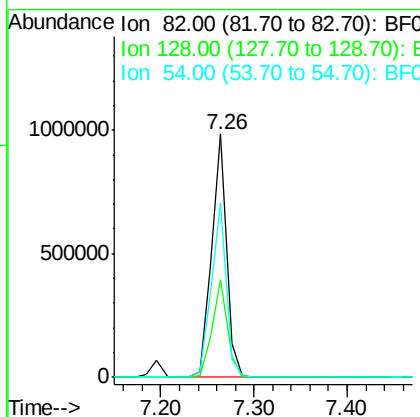
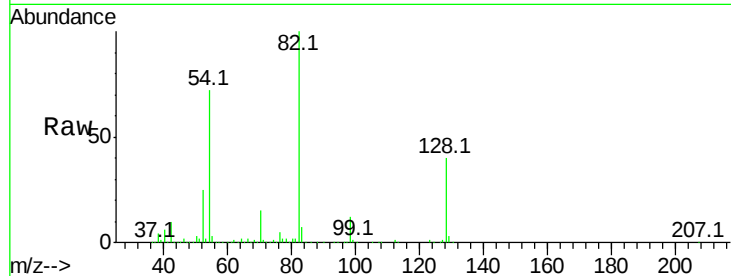




#23
 Nitrobenzene-d5
 Concen: 74.30 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

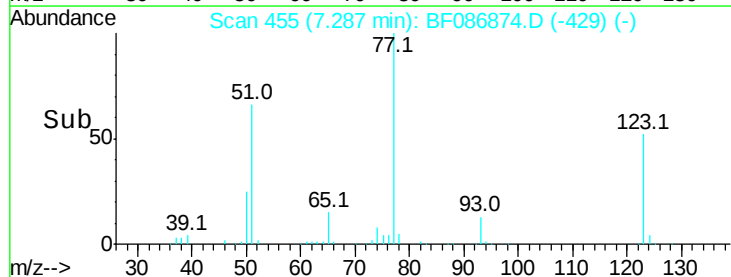
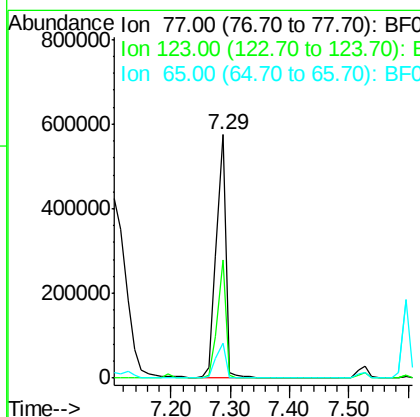
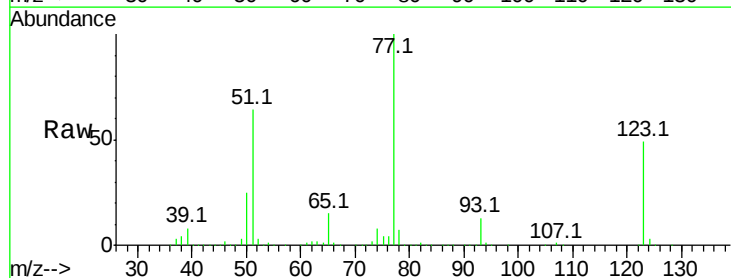
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

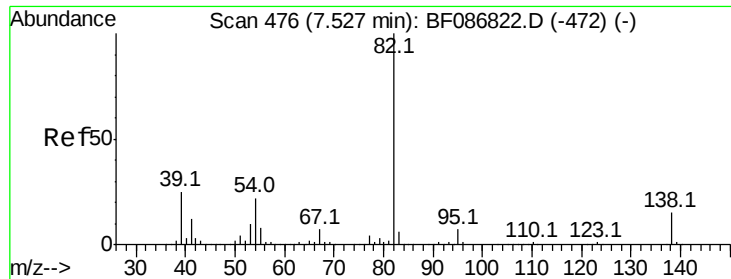
Tot Ion: 82 Resp: 1105340
 Ion Ratio Lower Upper
 82 100
 128 39.9 40.6 61.0#
 54 71.8 38.1 57.1#



#24
 Nitrobenzene
 Concen: 41.36 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion: 77 Resp: 632904
 Ion Ratio Lower Upper
 77 100
 123 48.7 33.0 49.4
 65 14.6 10.8 16.2

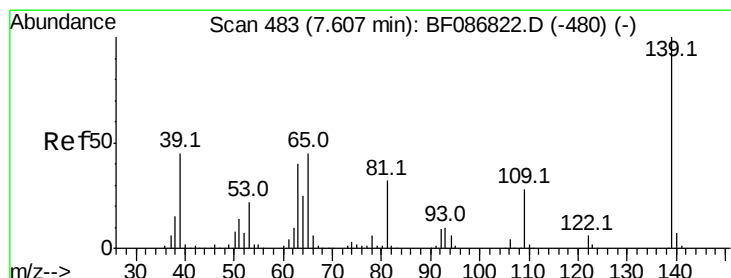
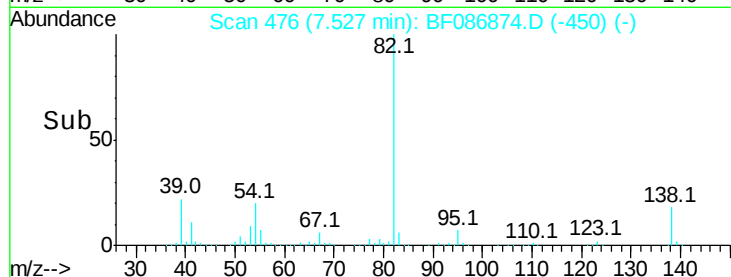
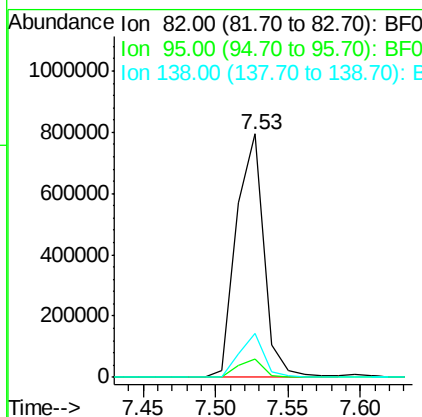
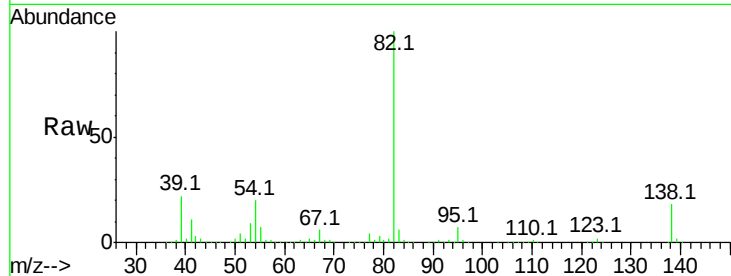




#25
Isophorone
Concen: 37.95 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

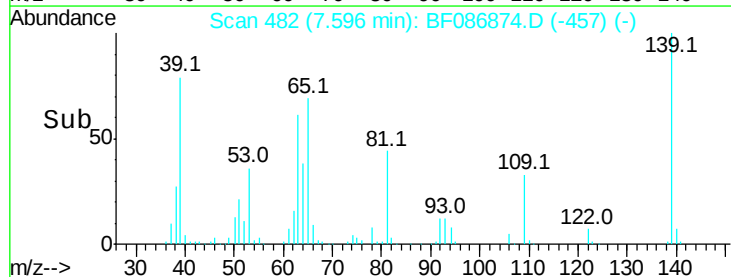
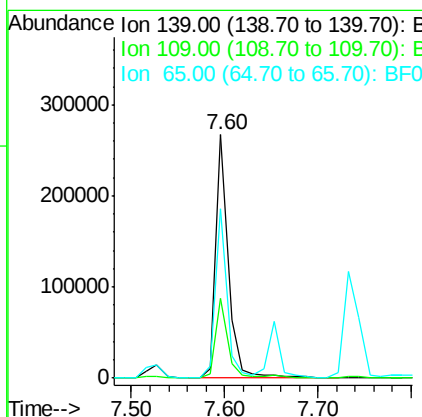
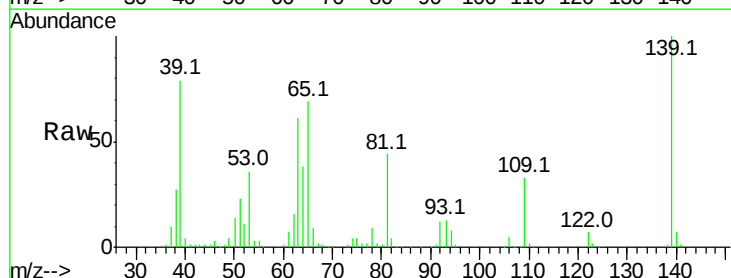
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

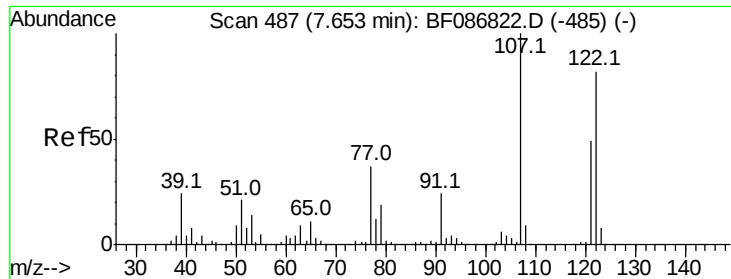
Tot Ion: 82 Resp: 1047589
Ion Ratio Lower Upper
82 100
95 7.4 5.1 7.7
138 18.2 12.4 18.6



#26
2-Nitrophenol
Concen: 37.60 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Tgt Ion: 139 Resp: 252940
Ion Ratio Lower Upper
139 100
109 33.0 19.5 29.3#
65 69.4 37.5 56.3#

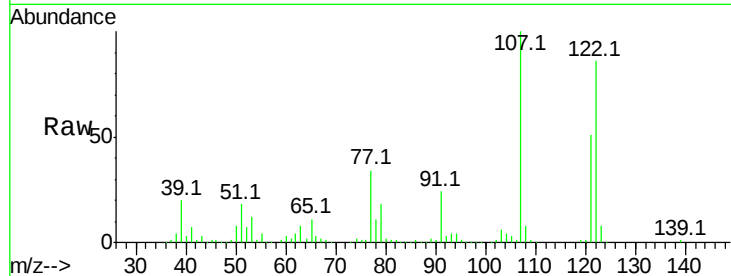




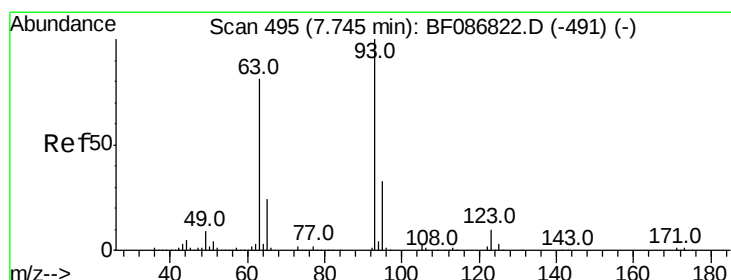
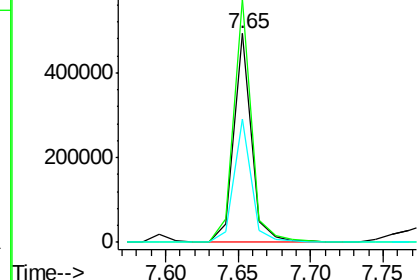
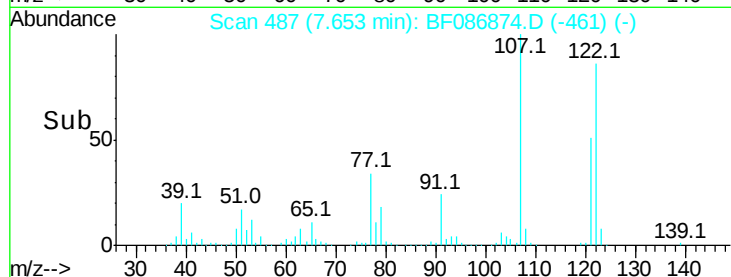
#27
 2,4-Dimethylphenol
 Concen: 36.07 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	82.0	123.0
121	59.1	46.1	69.1

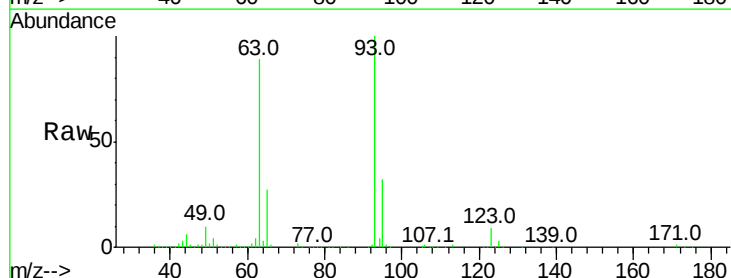


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

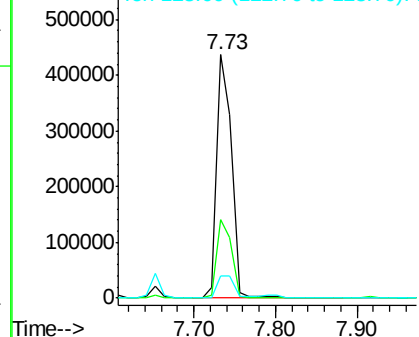
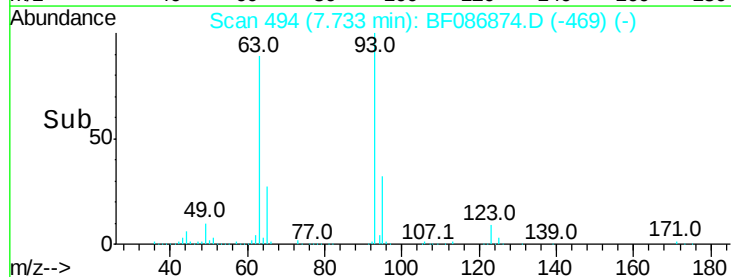


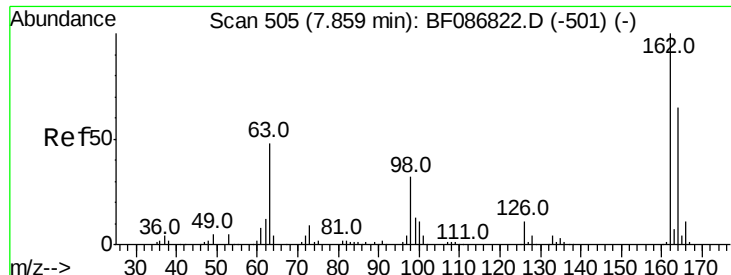
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.27 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	8.9	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

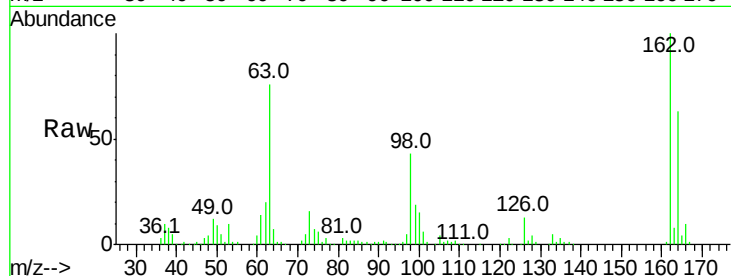




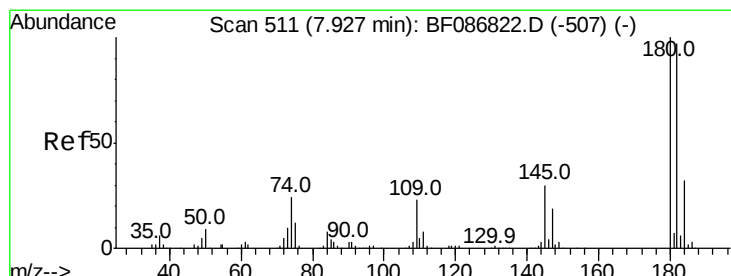
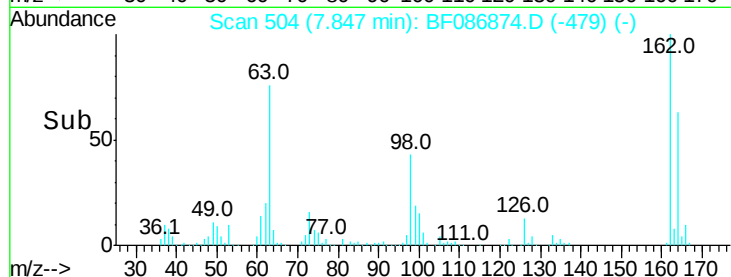
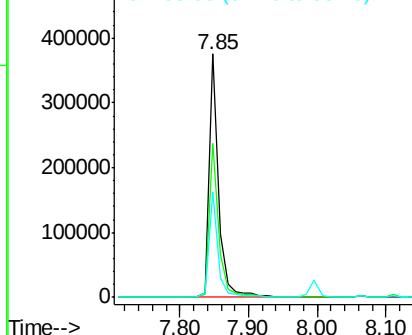
#29
 2,4-Dichlorophenol
 Concen: 36.06 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.2	82.2
98	43.2	19.0	59.0

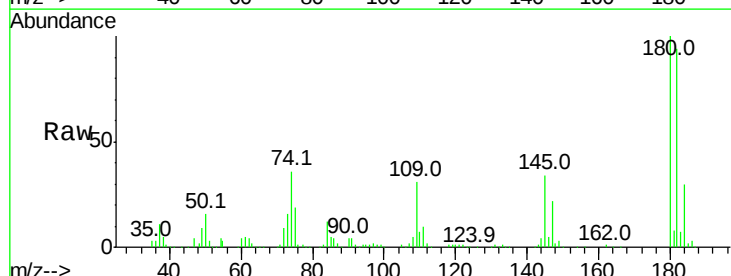


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

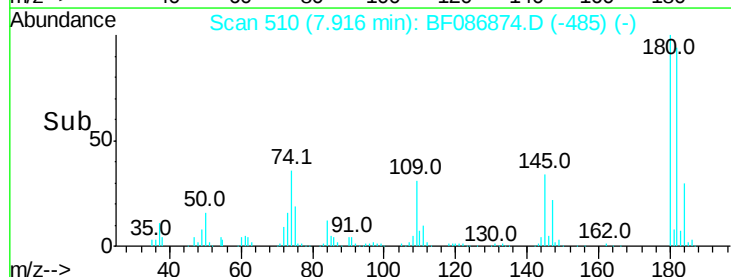
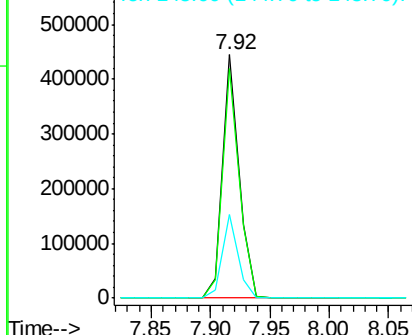


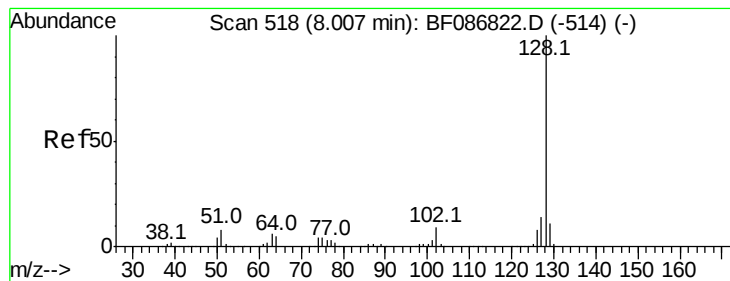
#30
 1,2,4-Trichlorobenzene
 Concen: 37.78 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.0	117.0
145	34.1	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: 35.32 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

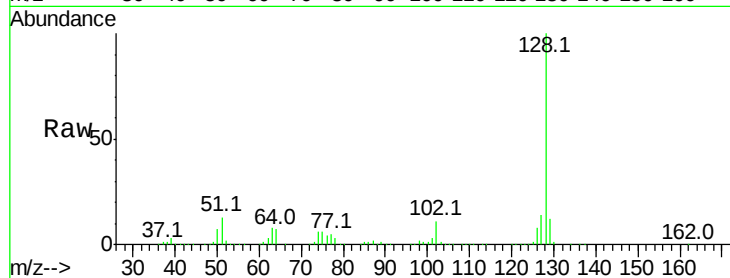
Tot Ion:128 Resp: 1321410

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

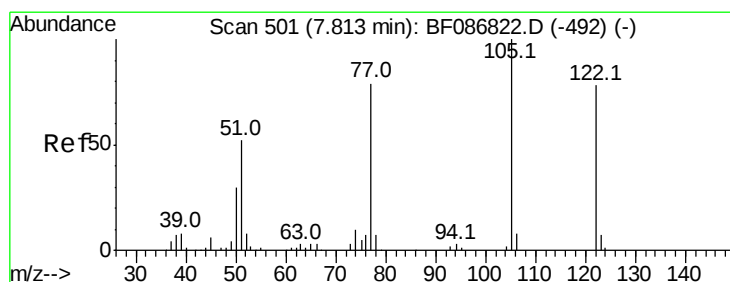
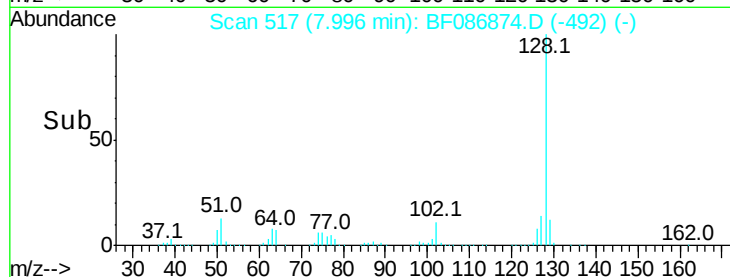
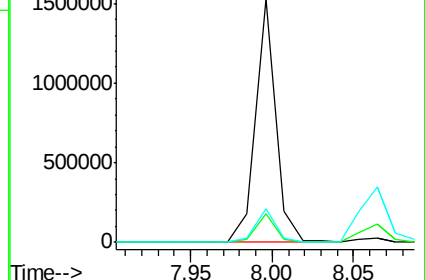
127 14.0 10.8 16.2



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: 29.62 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

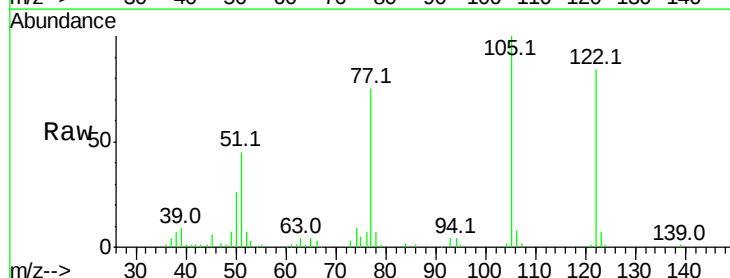
Tgt Ion:122 Resp: 199334

Ion Ratio Lower Upper

122 100

105 119.3 92.6 132.6

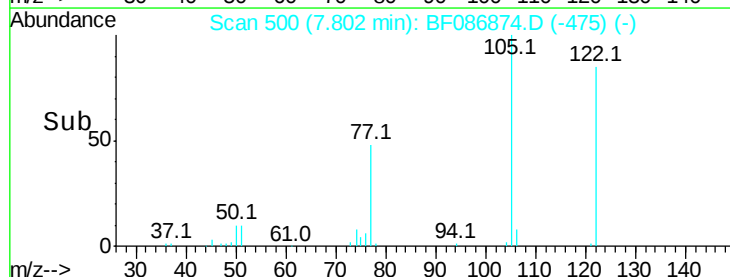
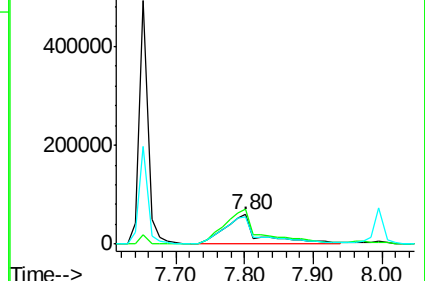
77 90.0 60.0 100.0

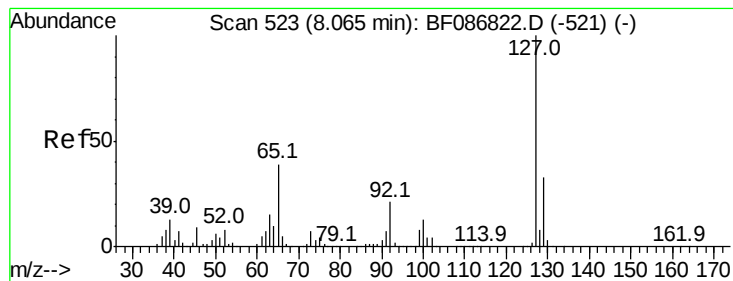


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 30.76 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 447214

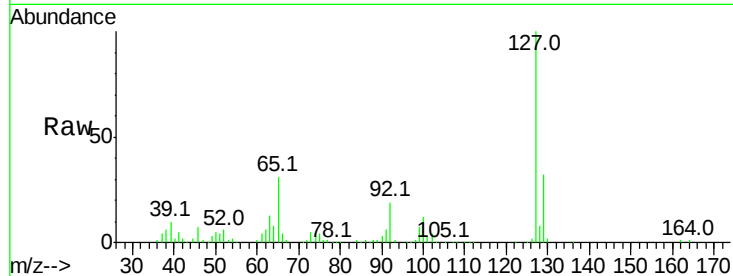
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.4

65 31.1 23.0 34.4

92 18.6 15.1 22.7

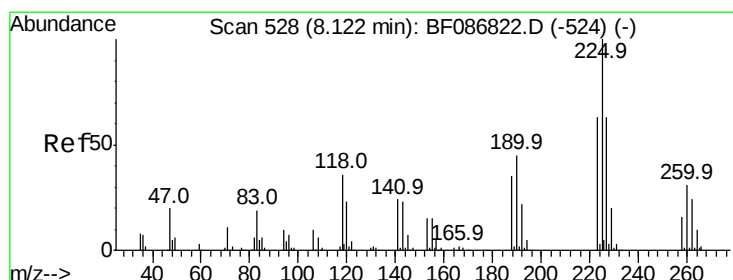
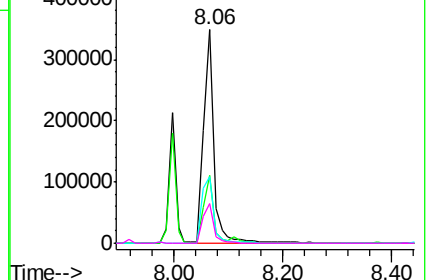
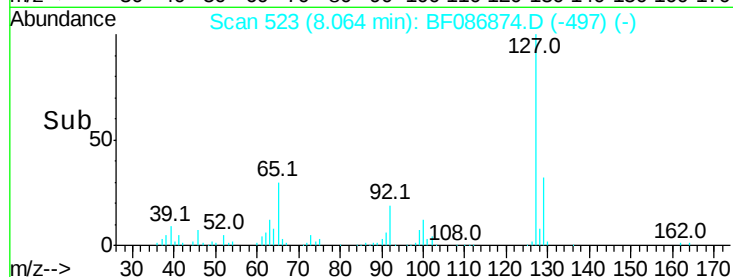


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.99 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

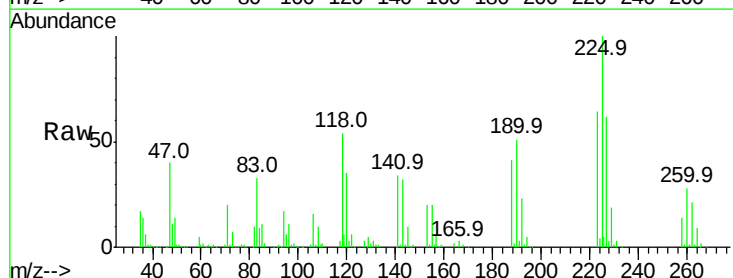
Tgt Ion:225 Resp: 248553

Ion Ratio Lower Upper

225 100

223 63.8 51.5 77.3

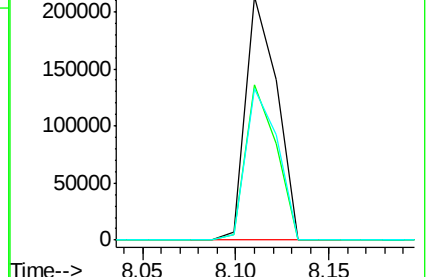
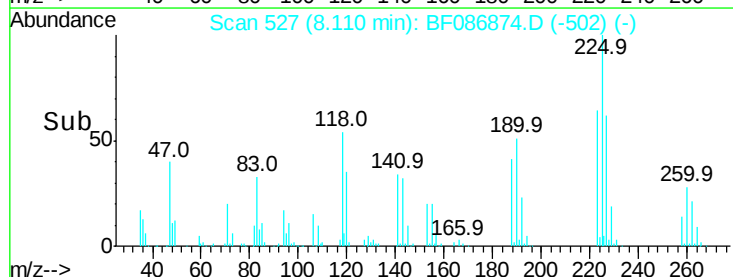
227 62.3 52.2 78.2

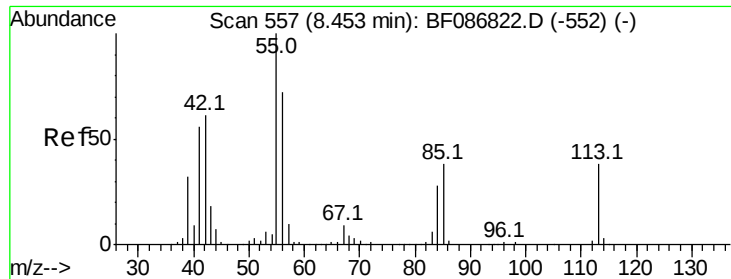


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.06 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

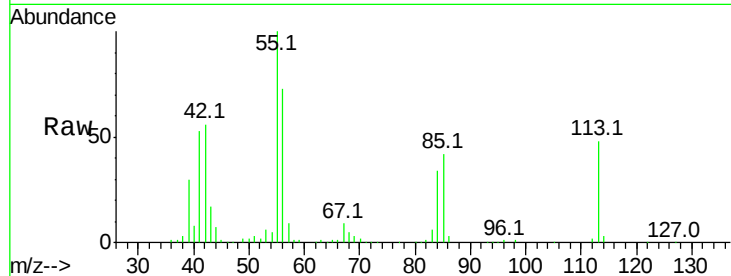
Tot Ion:113 Resp: 116884

Ion Ratio Lower Upper

113 100

55 210.0 162.0 202.0#

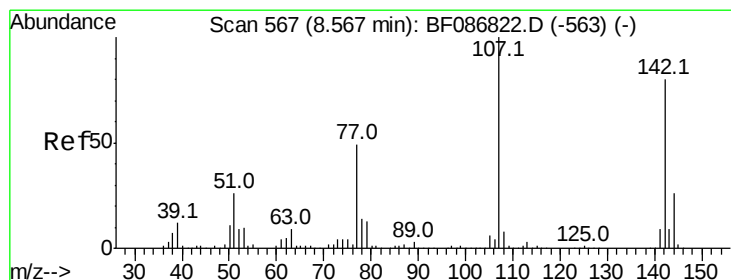
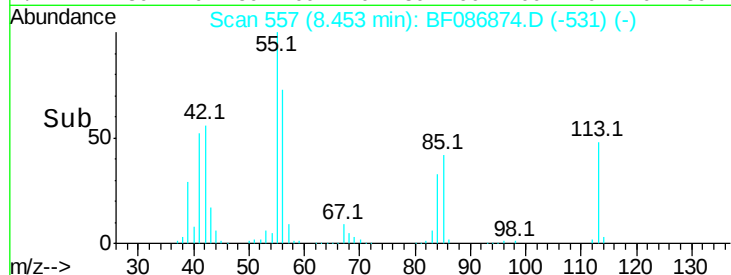
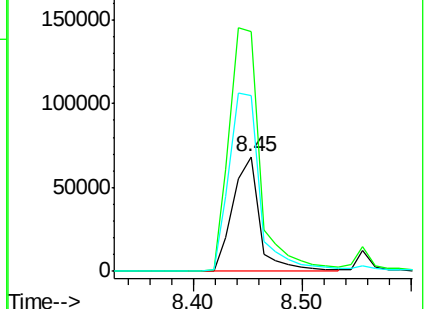
56 153.6 115.3 155.3



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: 29.44 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

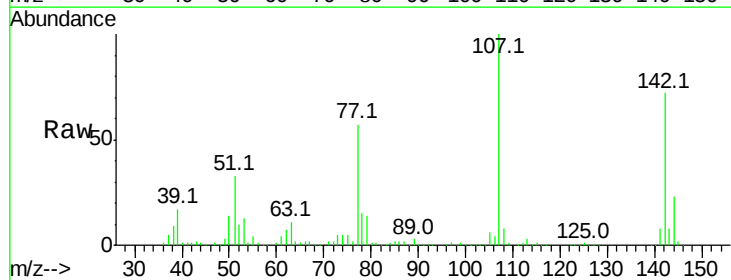
Tgt Ion:107 Resp: 360113

Ion Ratio Lower Upper

107 100

144 23.3 20.7 31.1

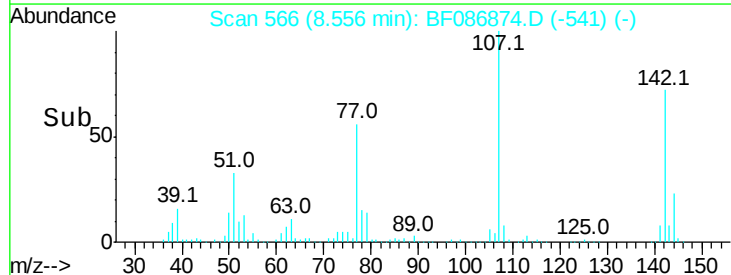
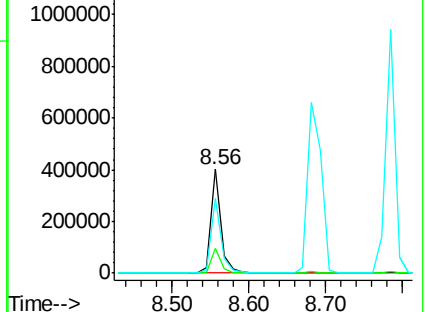
142 71.8 63.2 94.8

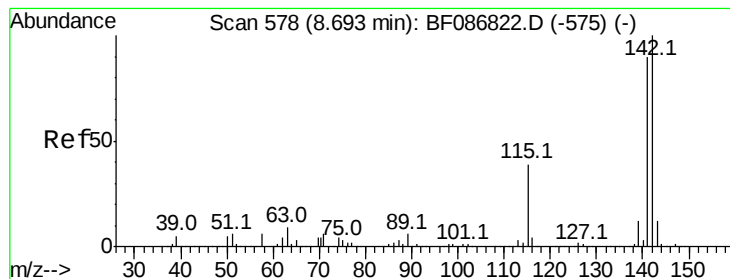


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.94 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

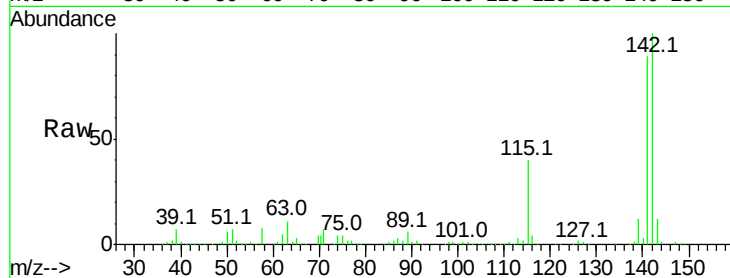
Tot Ion:142 Resp: 807948

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

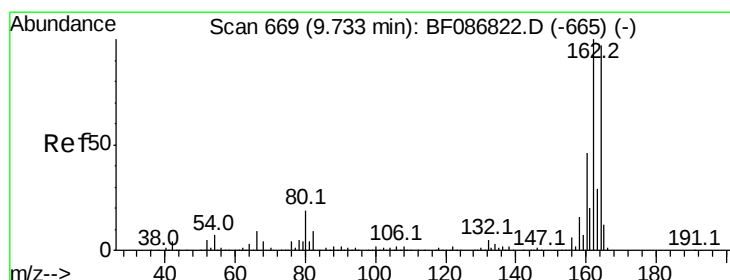
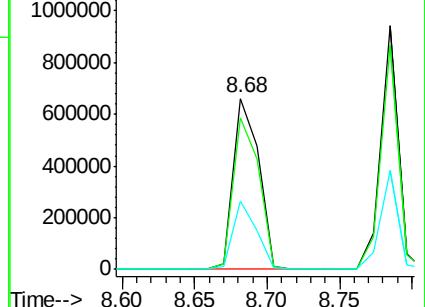
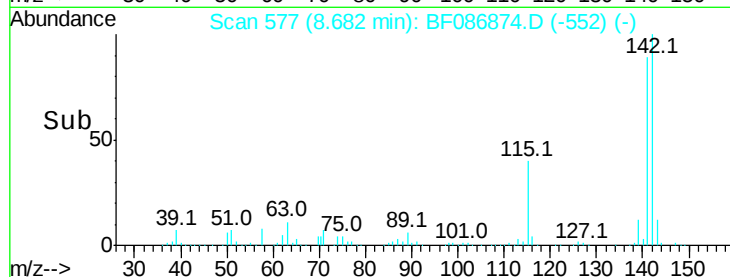
115 40.3 26.6 39.8#



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: BF086874.D

Acq: 10 May 2016 22:06

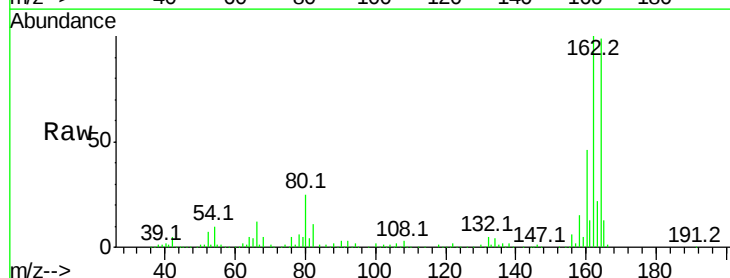
Tgt Ion:164 Resp: 309233

Ion Ratio Lower Upper

164 100

162 101.0 82.8 124.2

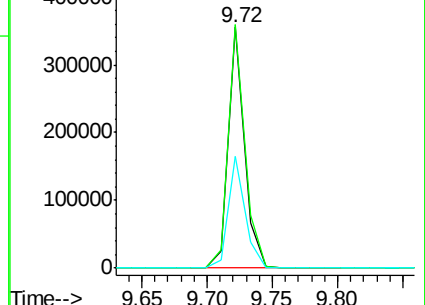
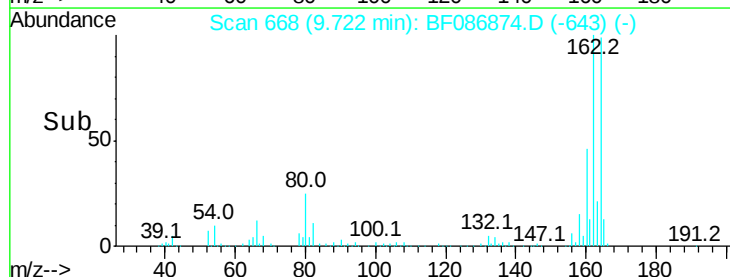
160 46.3 36.9 55.3

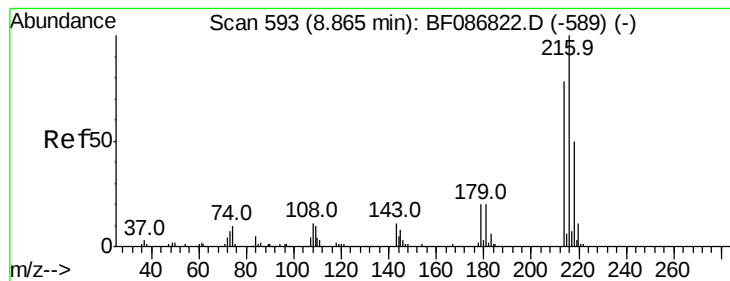


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.17 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 379118

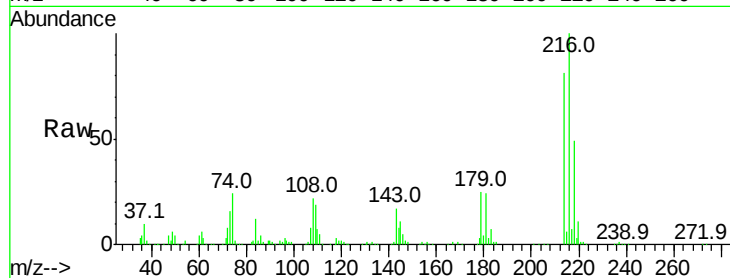
Ion Ratio Lower Upper

216 100

214 81.0 62.6 93.8

179 24.8 18.2 27.4

108 24.9 17.5 26.3

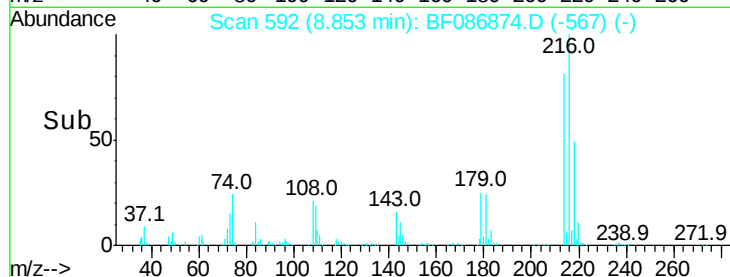


Abundance Ion 216.00 (215.70 to 216.70): E

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



Abundance

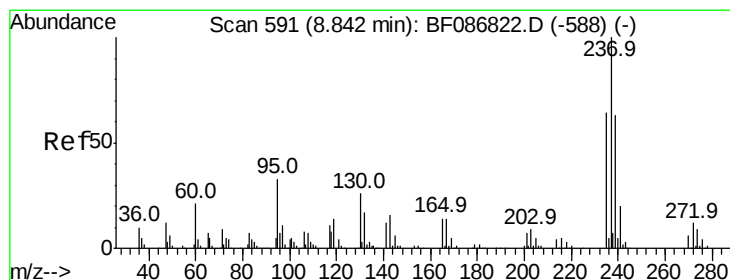
8.85

400000

200000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 41.46 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

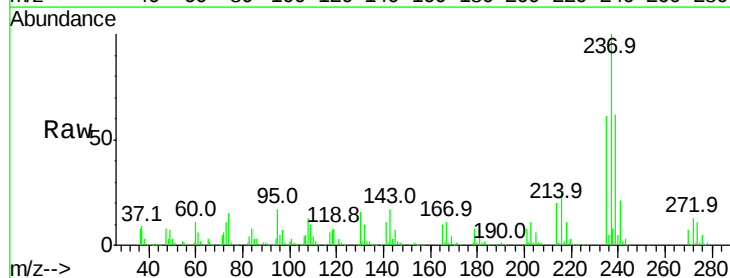
Tgt Ion:237 Resp: 176927

Ion Ratio Lower Upper

237 100

235 60.6 47.2 87.2

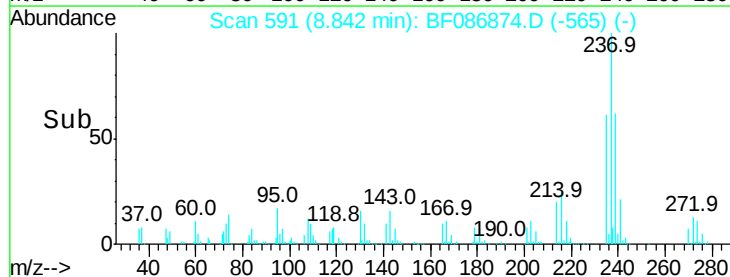
272 12.8 0.0 31.1



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



Abundance

8.84

250000

200000

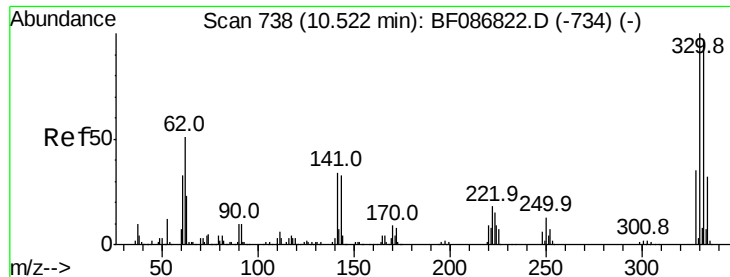
150000

100000

50000

0

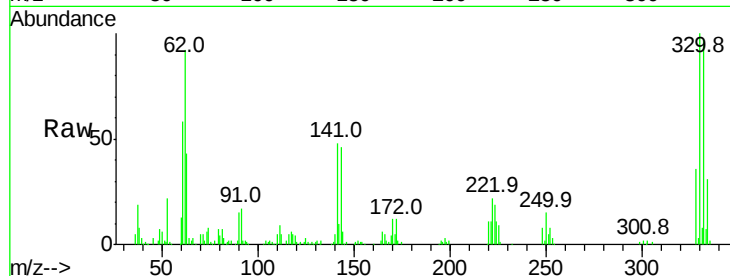
Time-->



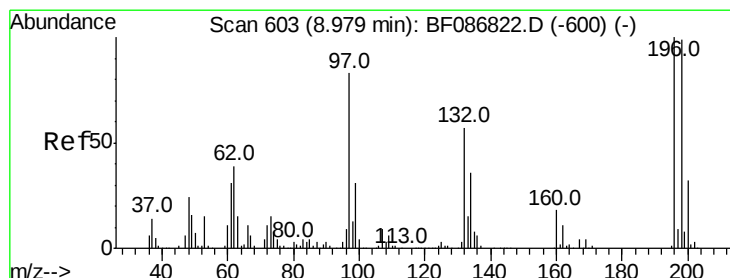
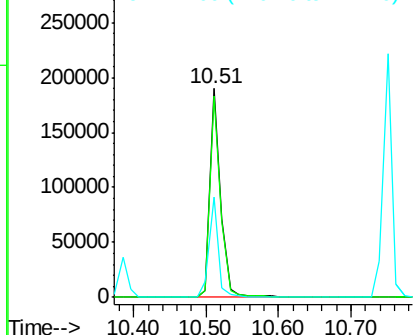
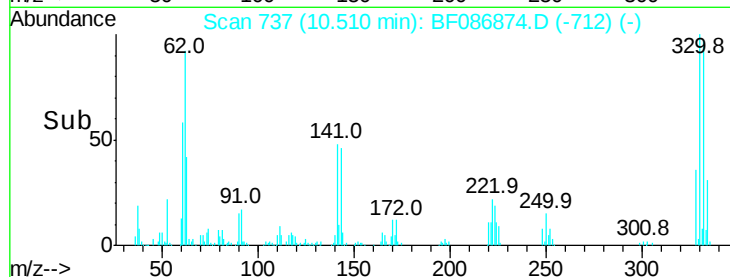
#41
 2,4,6-Tribromophenol
 Concen: 60.02 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 196488
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 41.9 31.2 46.8

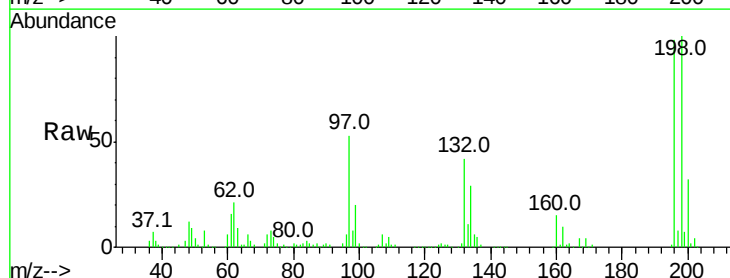


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

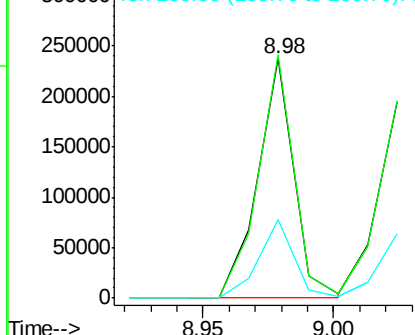
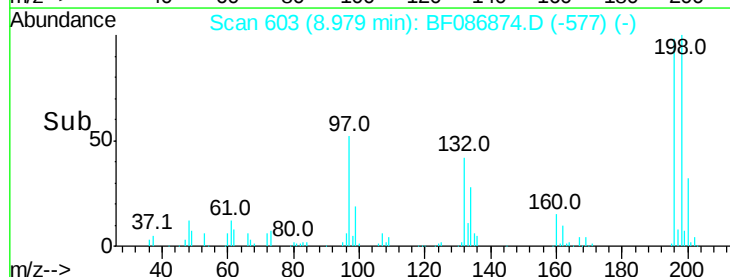


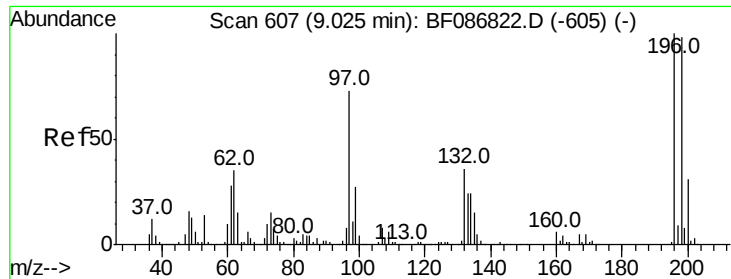
#42
 2,4,6-Trichlorophenol
 Concen: 37.72 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion:196 Resp: 226805
 Ion Ratio Lower Upper
 196 100
 198 101.6 74.7 112.1
 200 32.6 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

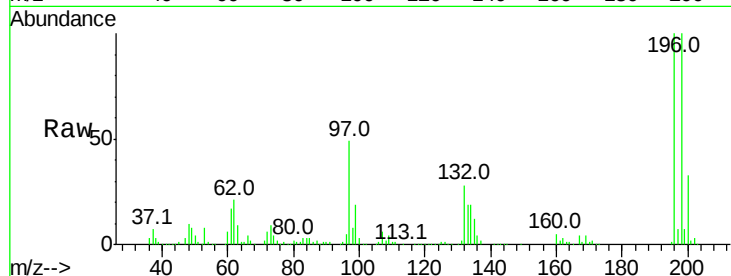




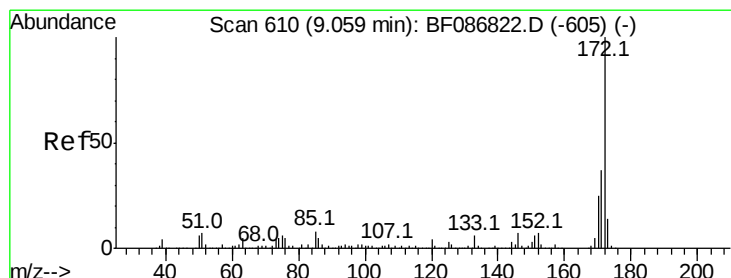
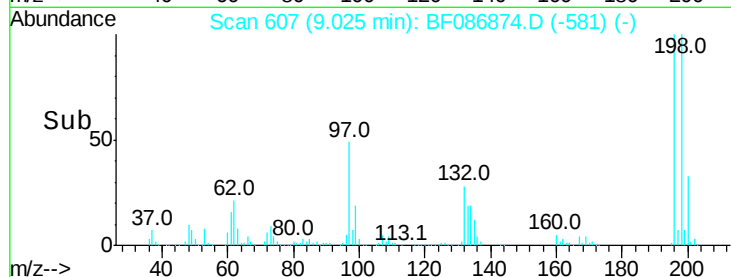
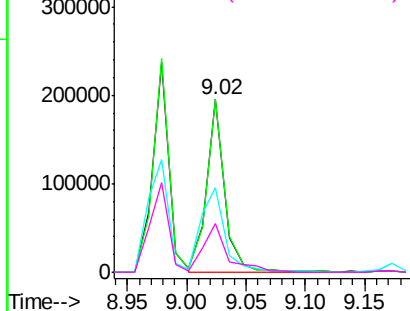
#43
 2,4,5-Trichlorophenol
 Concen: 33.32 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 207150
 Ion Ratio Lower Upper
 196 100
 198 100.3 77.5 116.3
 97 49.3 34.8 52.2
 132 28.0 23.0 34.4

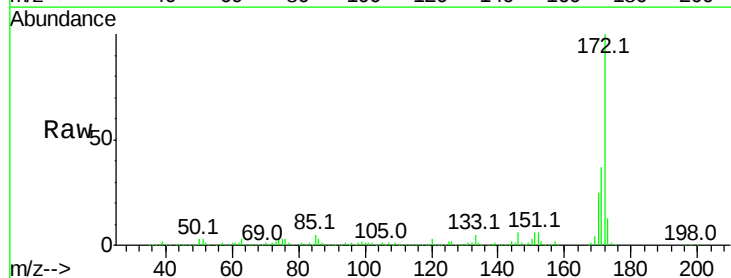


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

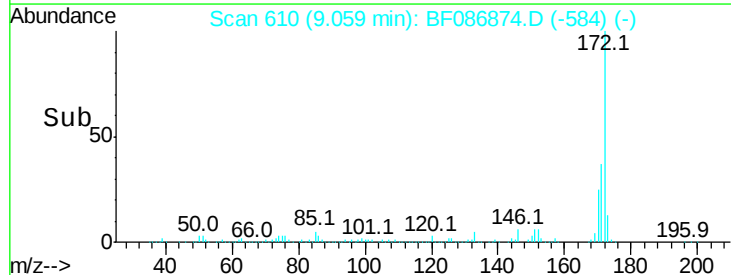
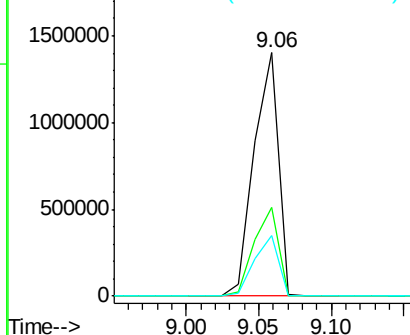


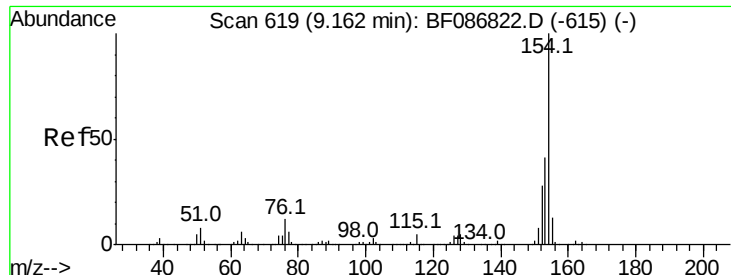
#44
 2-Fluorobiphenyl
 Concen: 88.82 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion:172 Resp: 1634226
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

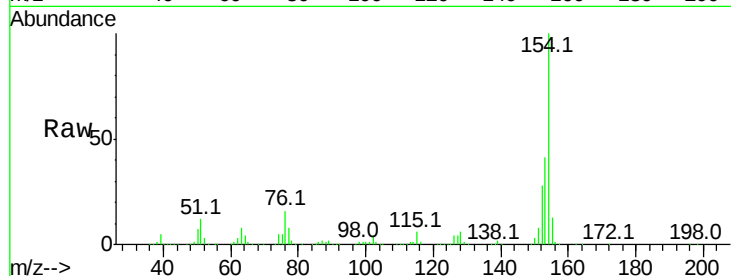




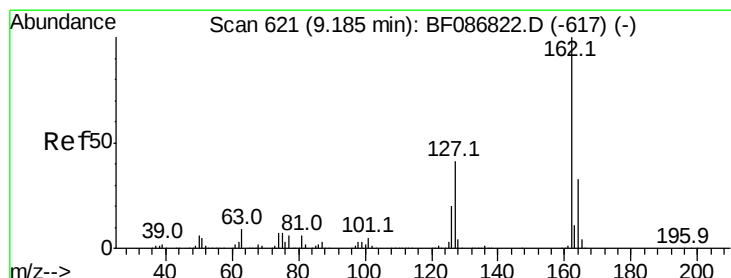
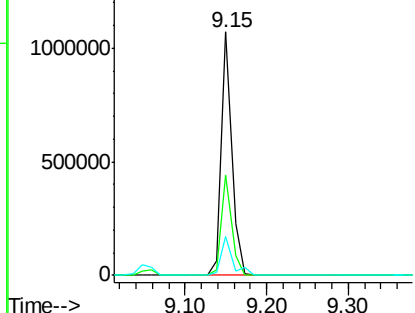
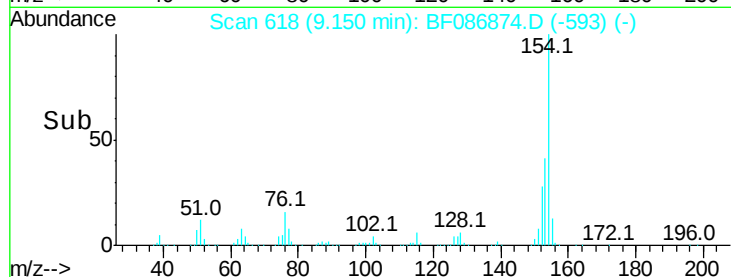
#45
 1,1'-Biphenyl
 Concen: 38.42 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 944989
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.3 60.3
 76 15.9 0.0 30.2

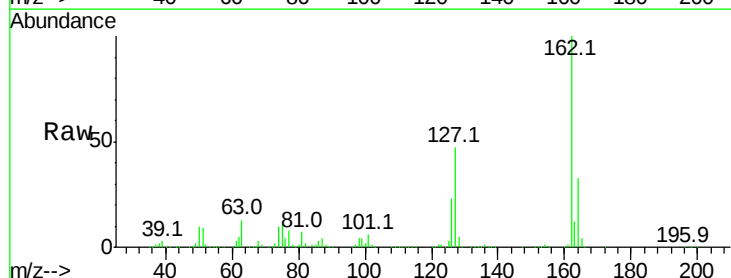


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

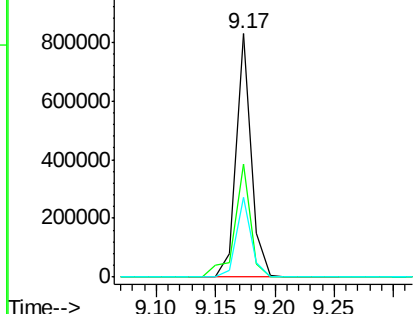
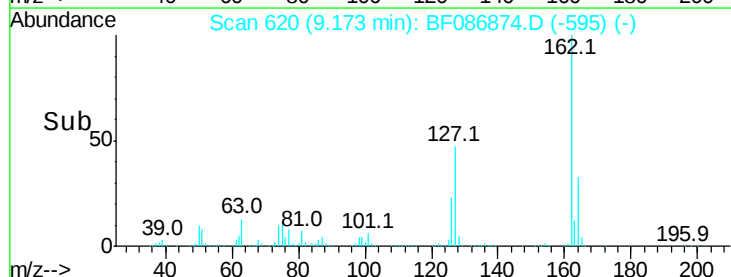


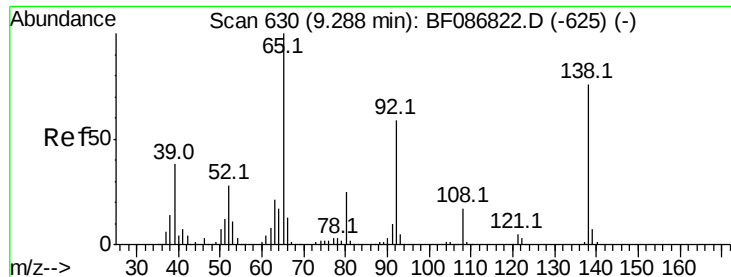
#46
 2-Chloronaphthalene
 Concen: 38.09 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion:162 Resp: 734076
 Ion Ratio Lower Upper
 162 100
 127 46.7 31.8 47.6
 164 32.8 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

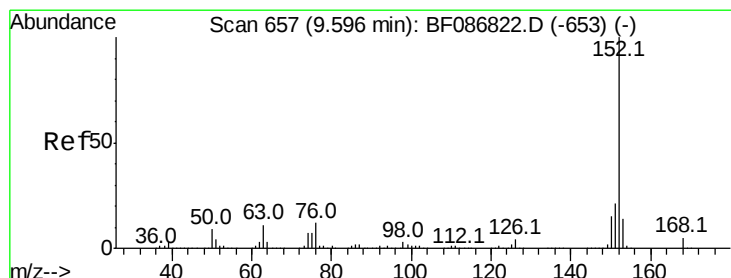
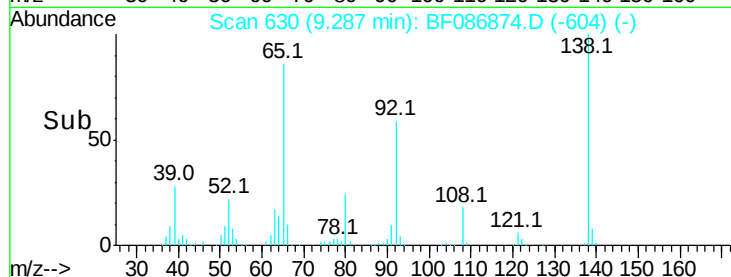
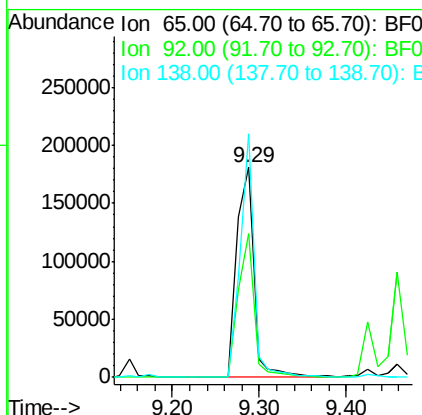
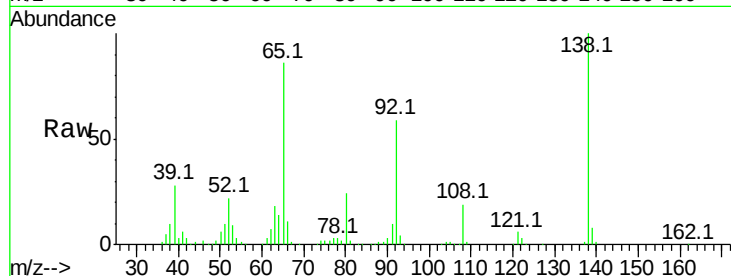




#47
 2-Nitroaniline
 Concen: 35.01 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

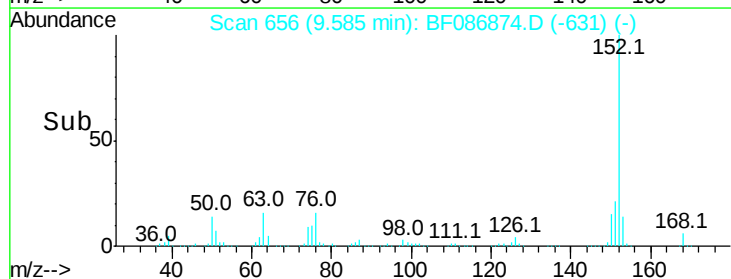
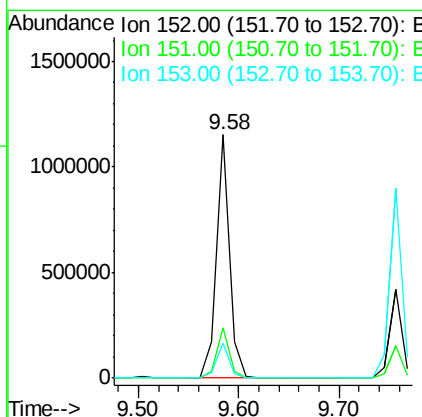
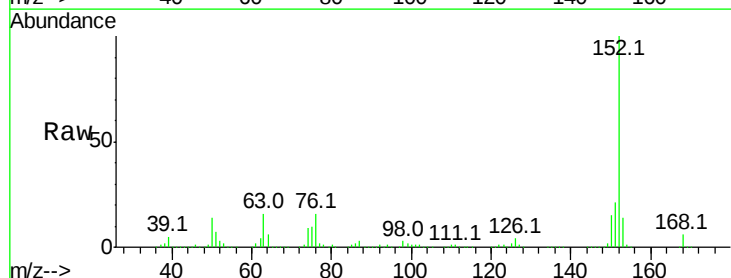
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

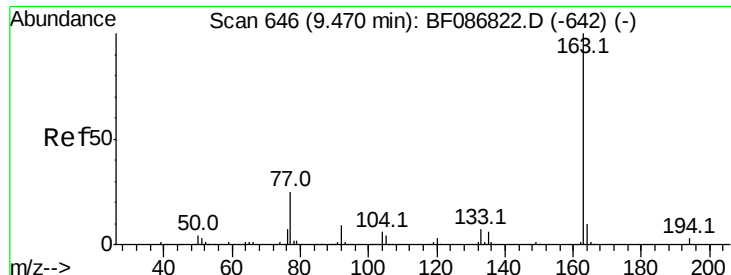
Tot Ion: 65 Resp: 246590
 Ion Ratio Lower Upper
 65 100
 92 68.2 57.4 86.2
 138 116.0 90.1 135.1



#48
 Acenaphthylene
 Concen: 36.56 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion: 152 Resp: 1036369
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 14.5 10.9 16.3





#49

Dimethylphthalate

Concen: 35.15 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040EC

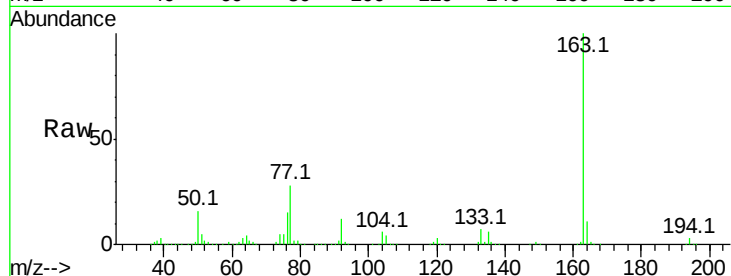
Tot Ion:163 Resp: 829334

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

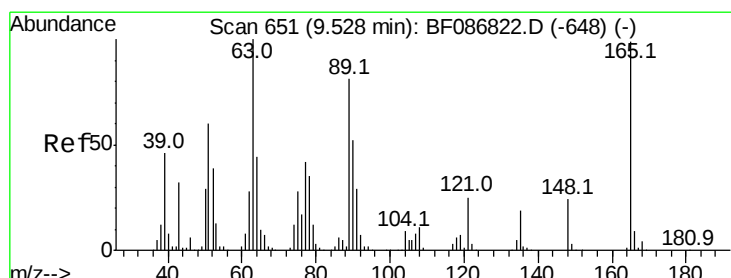
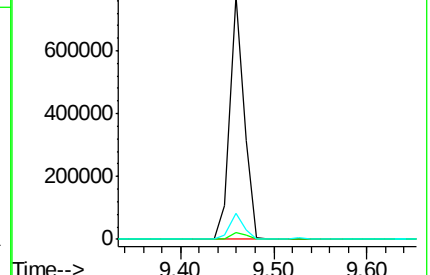
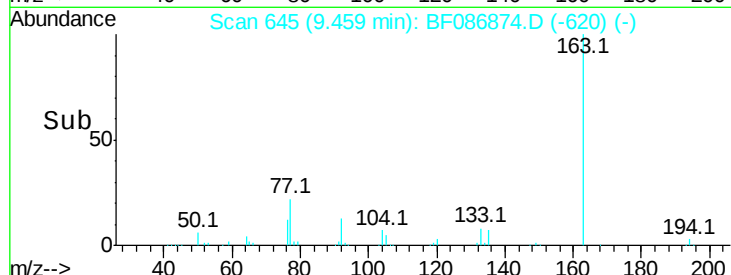
164 10.7 8.2 12.4



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: 40.00 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

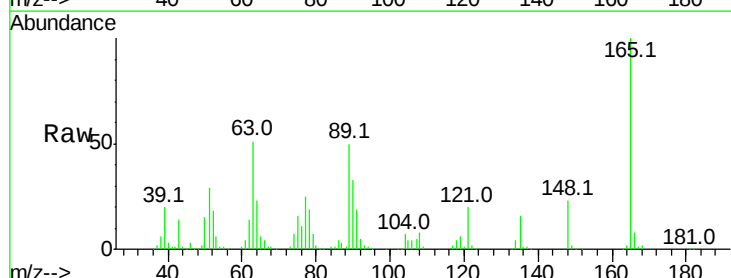
Tgt Ion:165 Resp: 198614

Ion Ratio Lower Upper

165 100

63 51.0 51.8 77.8#

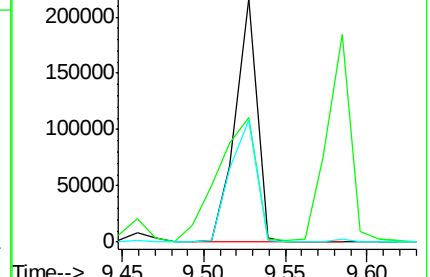
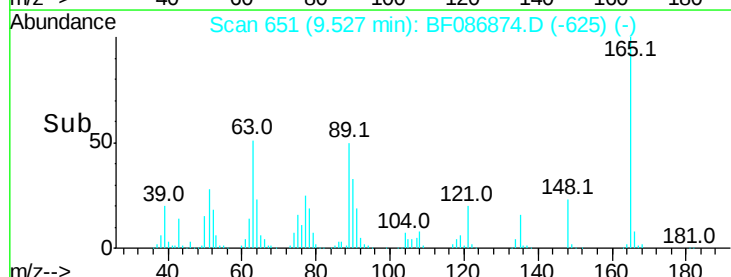
89 50.2 50.7 76.1#

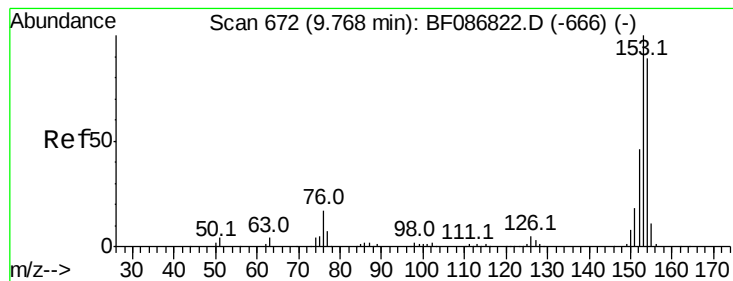


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.41 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

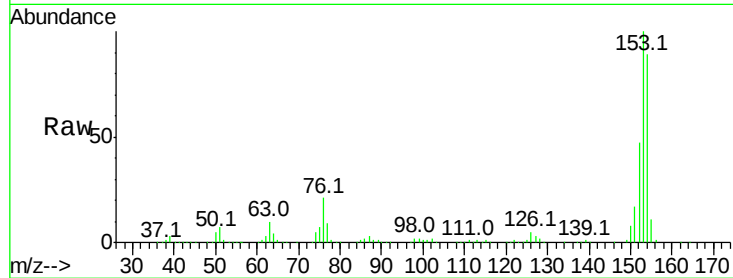
Tot Ion:154 Resp: 677287

Ion Ratio Lower Upper

154 100

153 112.8 89.8 134.6

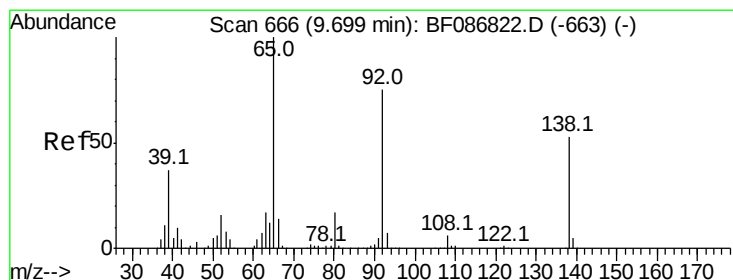
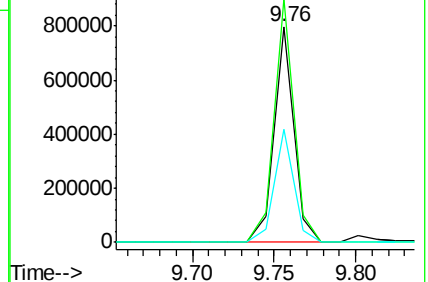
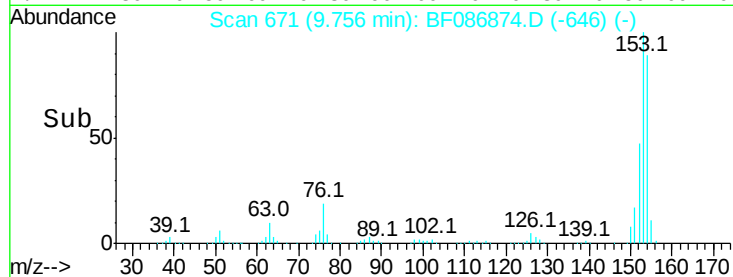
152 52.5 43.4 65.0



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: 31.24 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

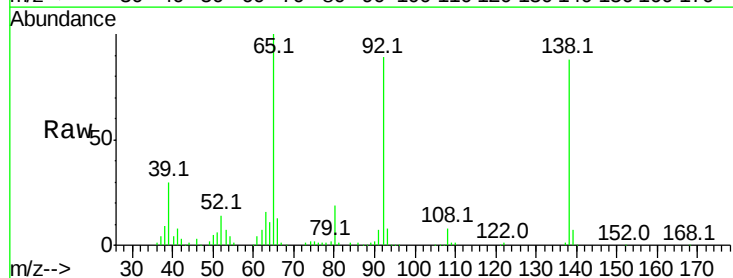
Tgt Ion:138 Resp: 163279

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

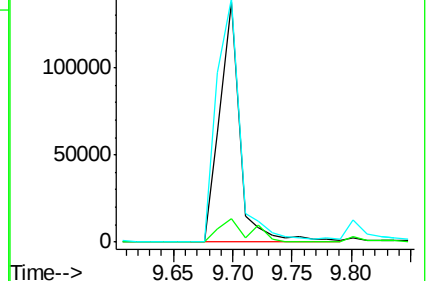
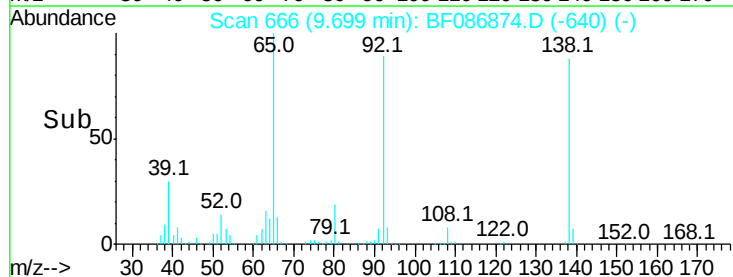
92 101.4 87.8 131.8

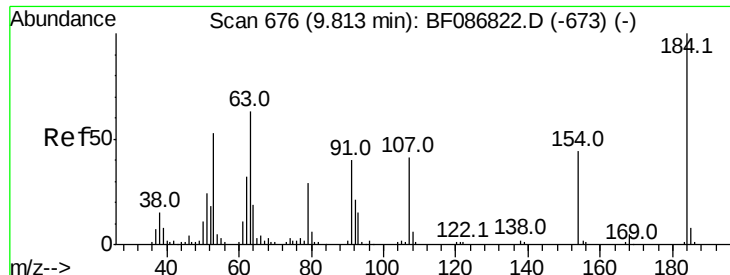


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

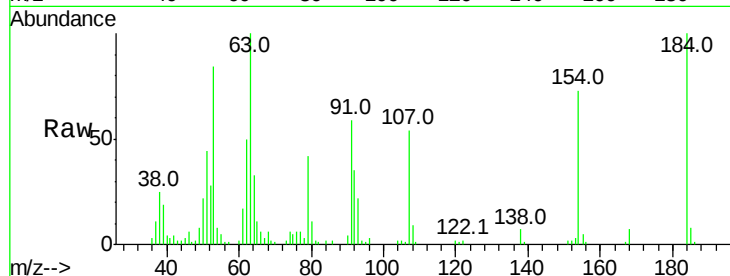




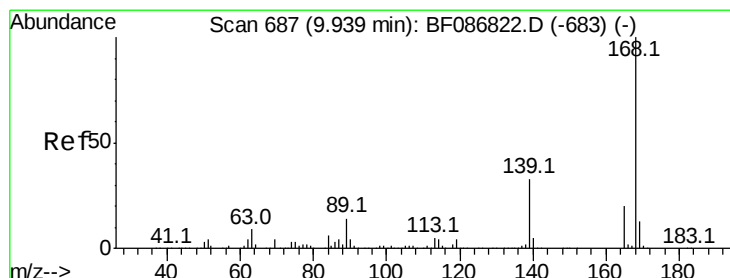
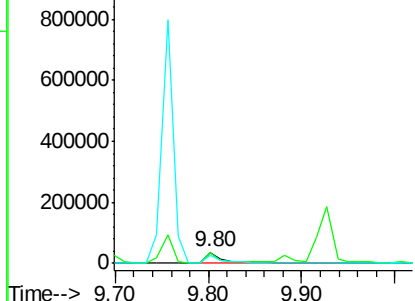
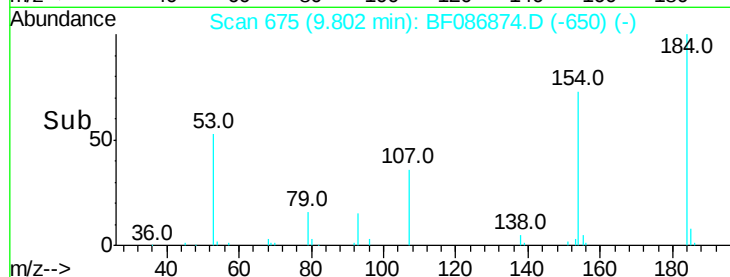
#53
 2,4-Dinitrophenol
 Concen: 27.34 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:184 Resp: 55153
 Ion Ratio Lower Upper
 184 100
 63 99.9 55.8 83.8#
 154 73.3 62.4 93.6

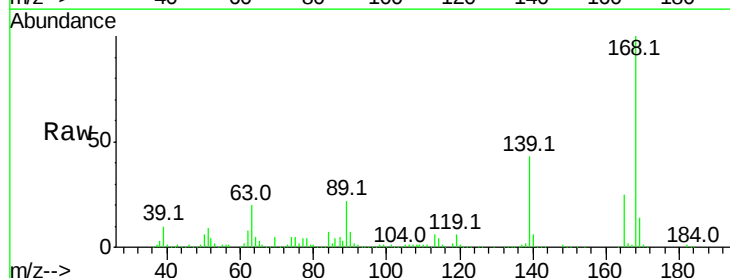


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

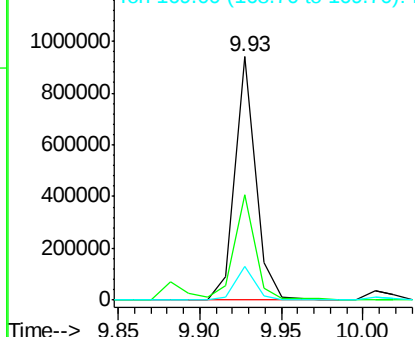
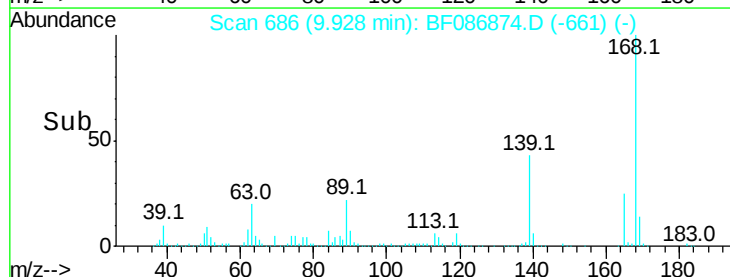


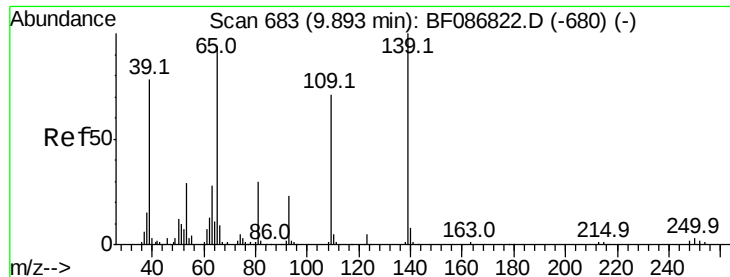
#54
 Dibenzofuran
 Concen: 36.19 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion:168 Resp: 819106
 Ion Ratio Lower Upper
 168 100
 139 43.4 31.4 47.0
 169 13.8 10.7 16.1



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





#55

4-Nitrophenol

Concen: 26.55 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

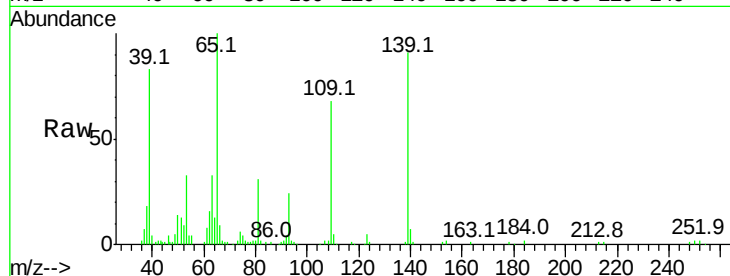
Tot Ion:139 Resp: 81274

Ion Ratio Lower Upper

139 100

109 74.6 36.9 76.9

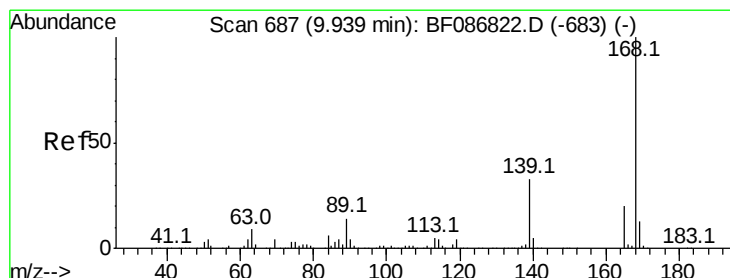
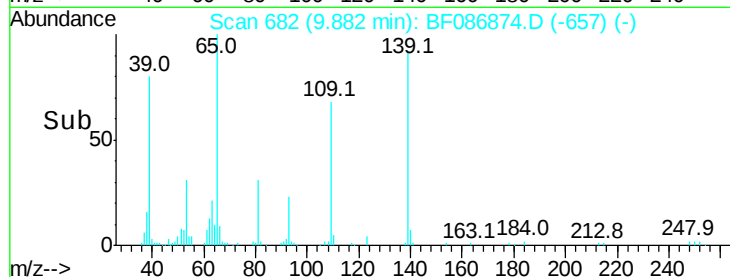
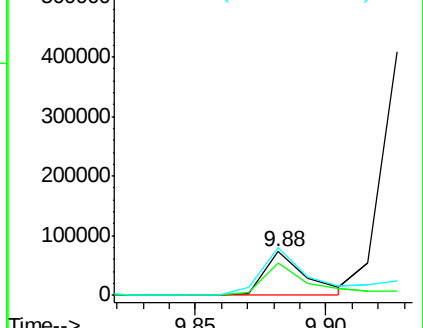
65 109.6 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.86 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Tgt Ion:165 Resp: 220325

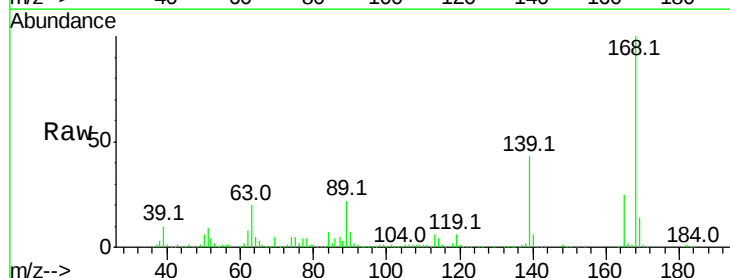
Ion Ratio Lower Upper

165 100

63 78.3 44.3 66.5#

89 87.1 70.0 105.0

182 2.5 1.8 2.6

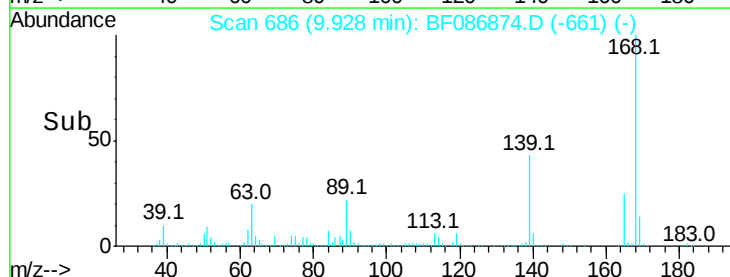
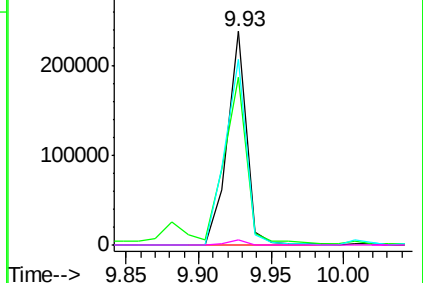


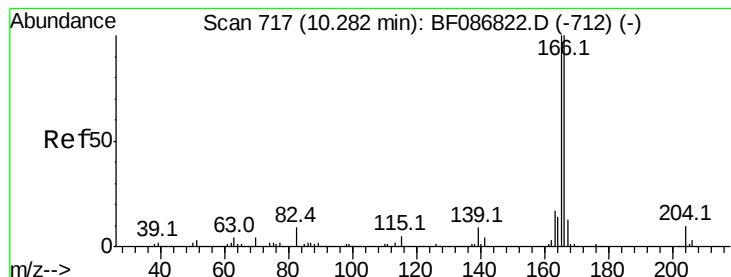
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.31 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

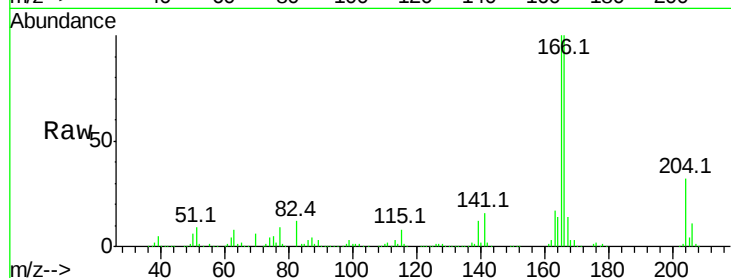
Tot Ion:166 Resp: 739416

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

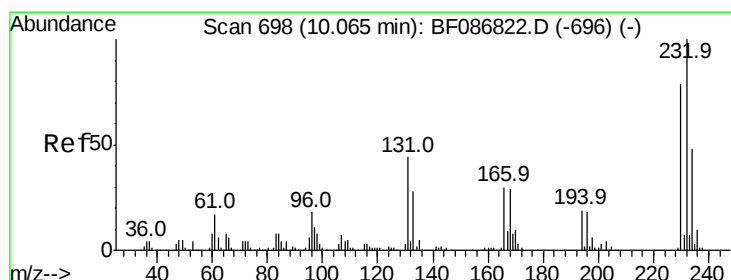
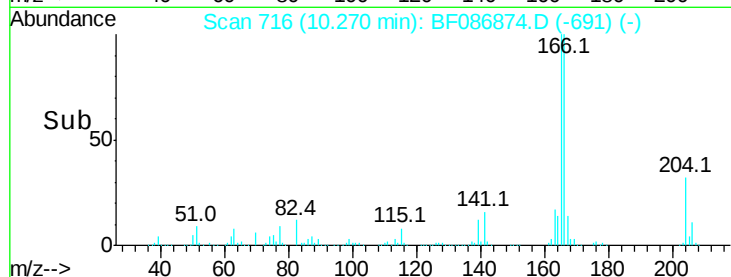
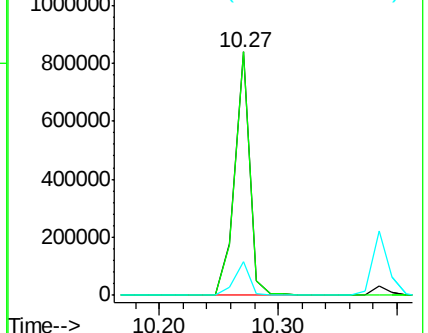
167 13.6 10.6 15.8



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: 34.14 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Tgt Ion:232 Resp: 159797

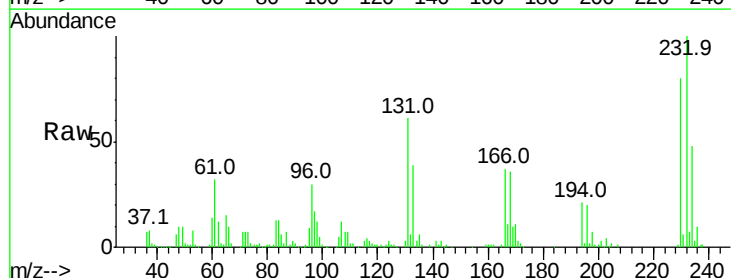
Ion Ratio Lower Upper

232 100

131 55.2 41.9 62.9

130 2.7 2.2 3.4

166 32.9 26.8 40.2

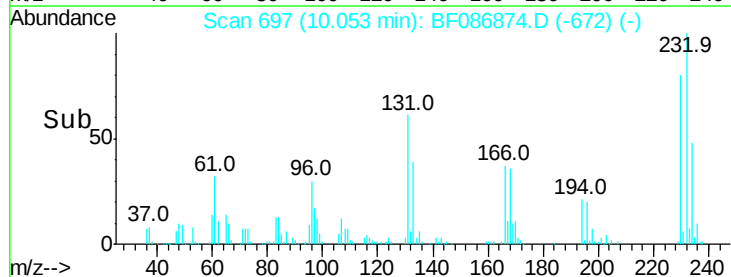
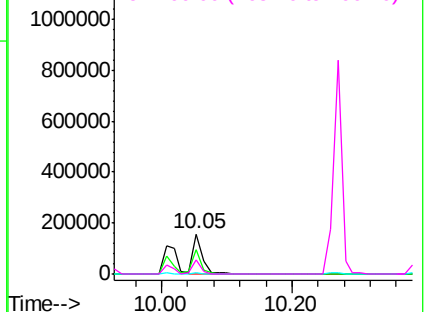


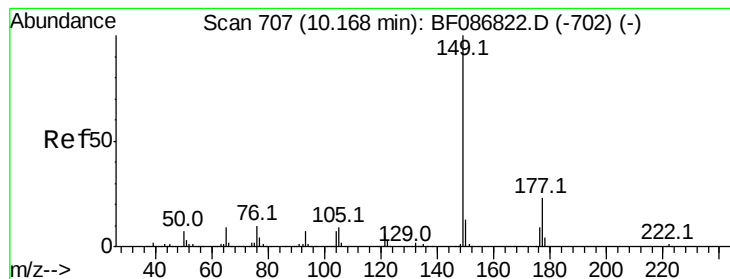
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.12 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

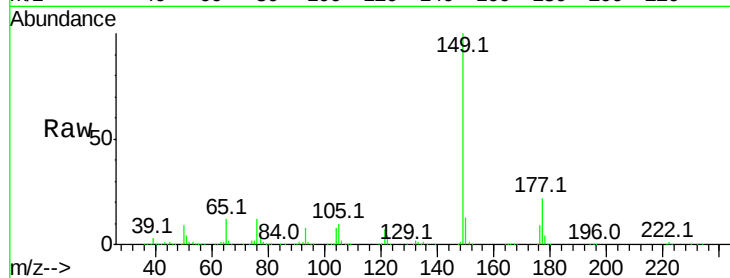
Tot Ion:149 Resp: 830491

Ion Ratio Lower Upper

149 100

177 21.8 16.6 24.8

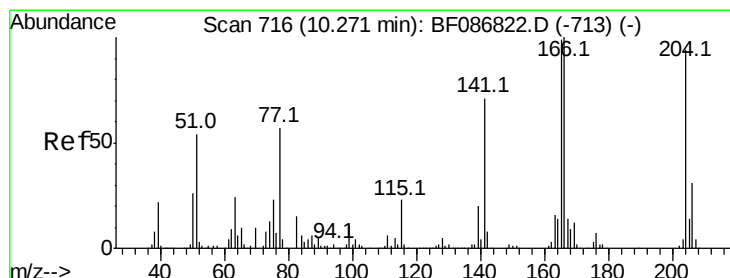
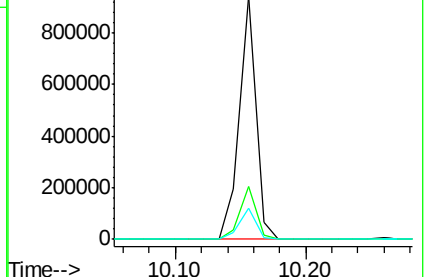
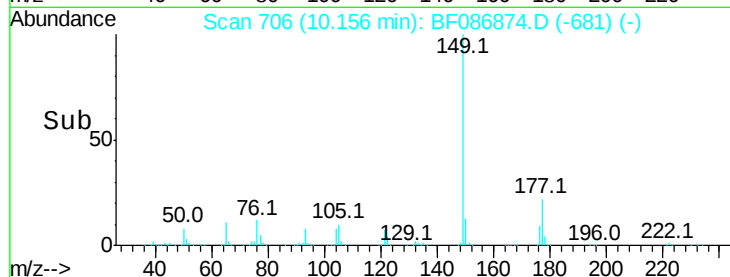
150 12.9 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.02 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

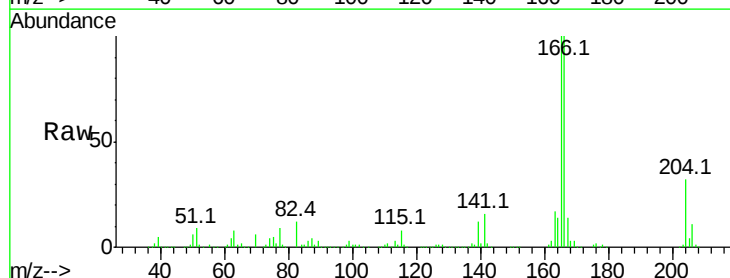
Tgt Ion:204 Resp: 338817

Ion Ratio Lower Upper

204 100

206 33.5 25.4 38.0

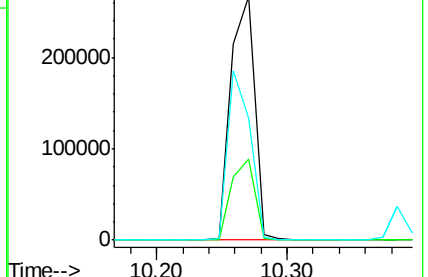
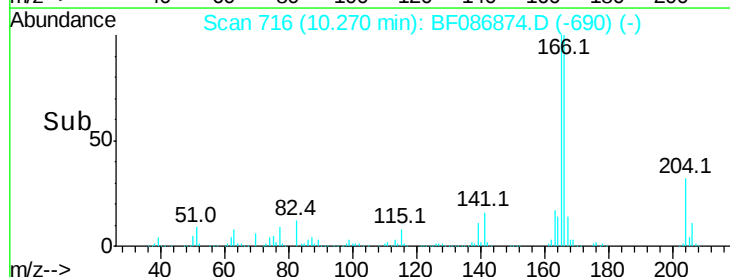
141 49.9 61.6 92.4#

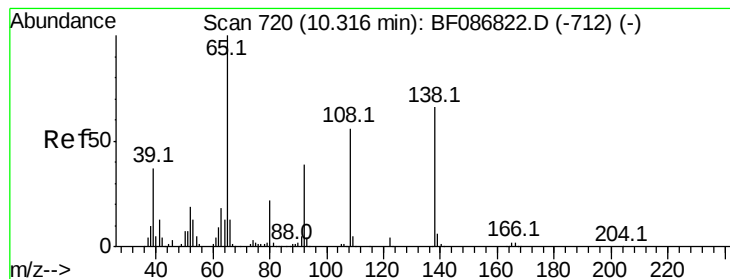


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.91 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

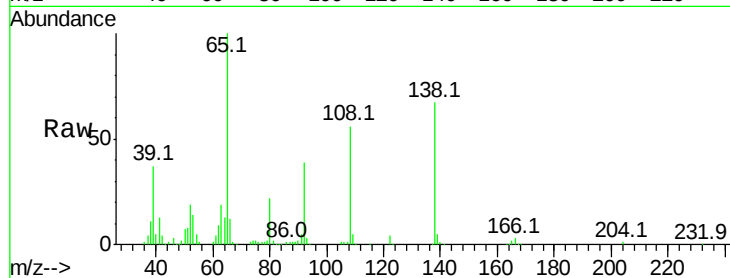
Tot Ion:138 Resp: 145122

Ion Ratio Lower Upper

138 100

92 59.1 24.7 64.7

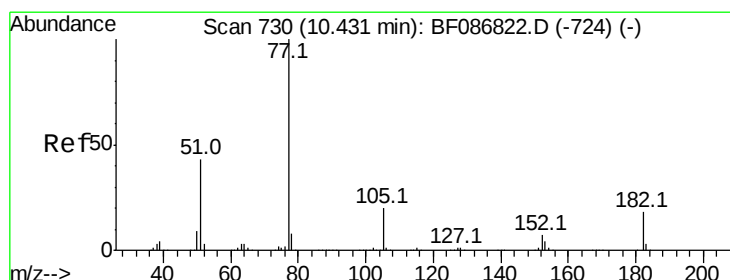
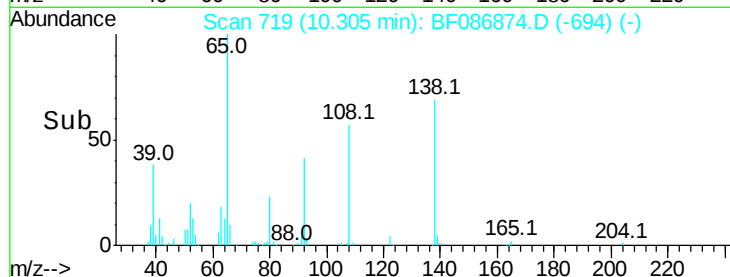
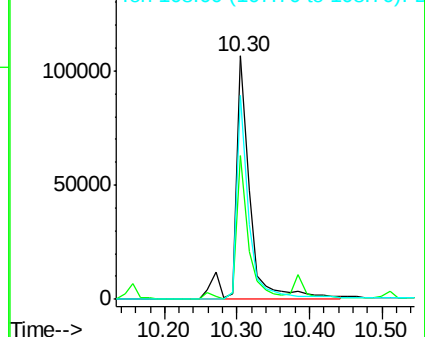
108 83.7 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.47 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Tgt Ion: 77 Resp: 855013

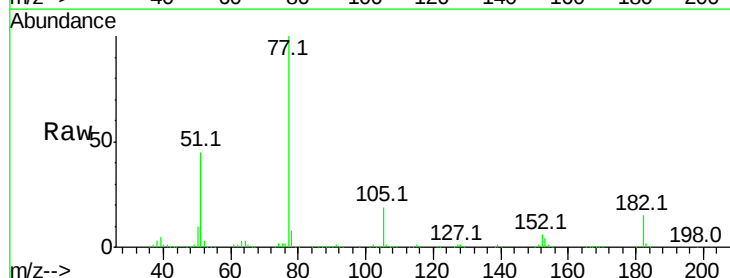
Ion Ratio Lower Upper

77 100

182 14.7 0.0 38.8

105 19.2 3.2 43.2

51 45.1 8.8 48.8

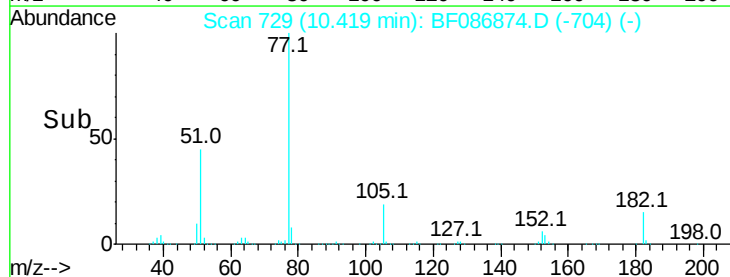
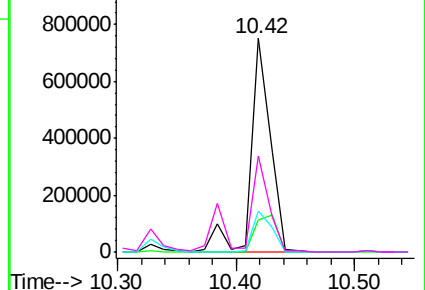


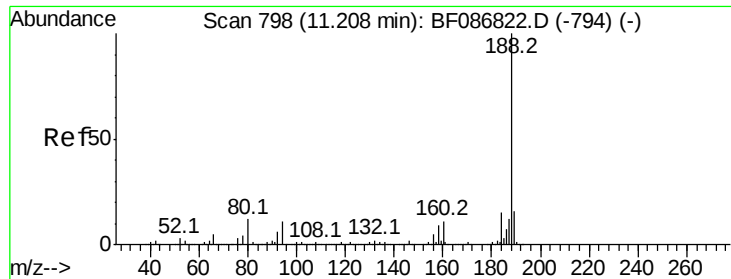
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

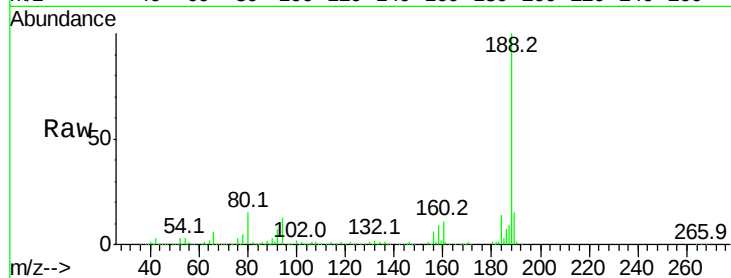




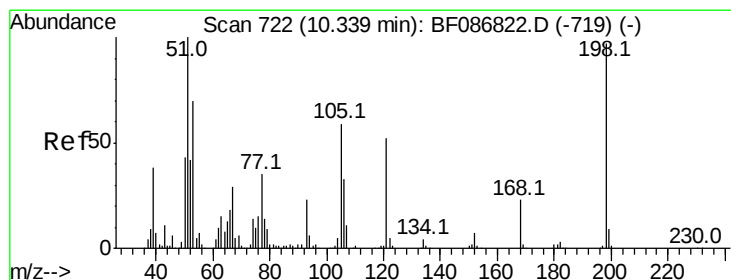
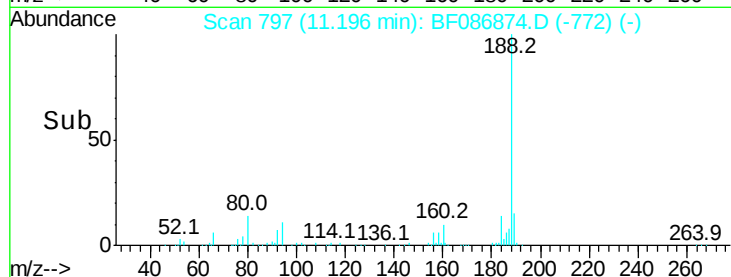
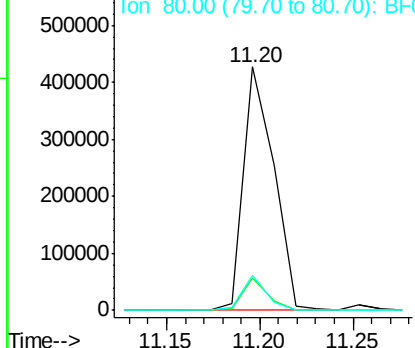
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 484415
Ion Ratio Lower Upper
188 100
94 13.3 6.8 10.2#
80 14.5 7.1 10.7#

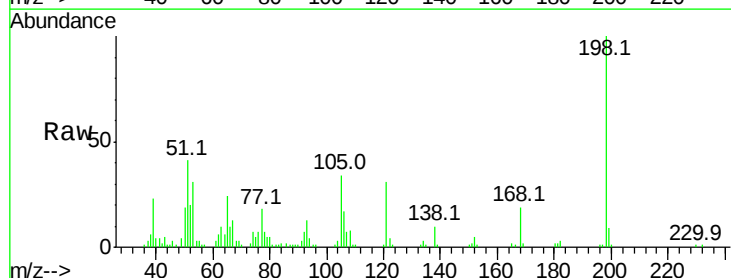


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

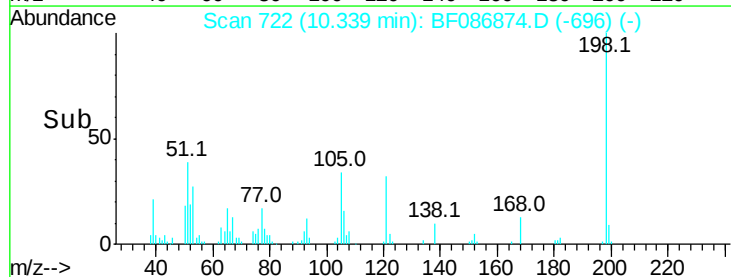
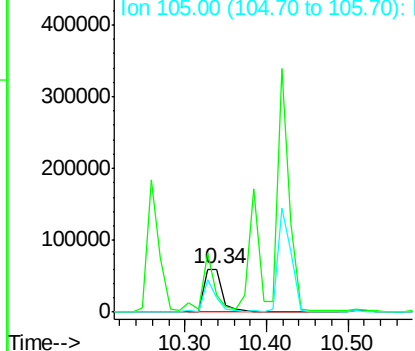


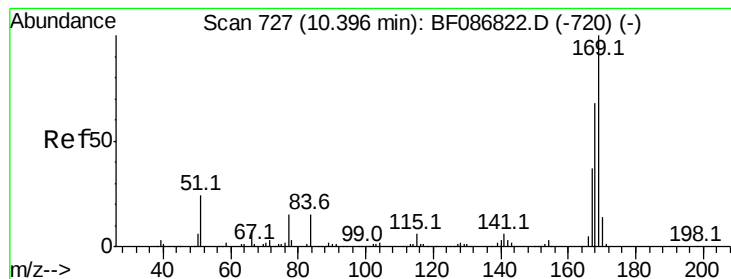
#64
4,6-Dinitro-2-methylphenol
Concen: 32.12 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Tgt Ion:198 Resp: 96663
Ion Ratio Lower Upper
198 100
51 40.8 20.5 60.5
105 33.6 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: 37.42 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

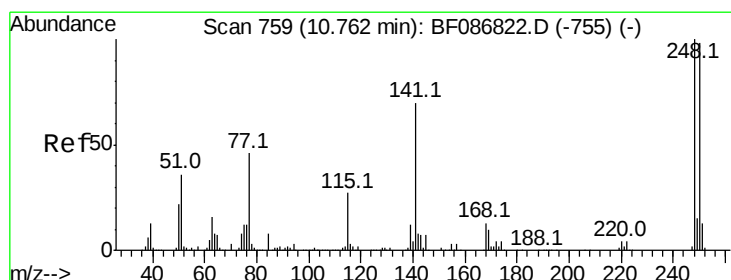
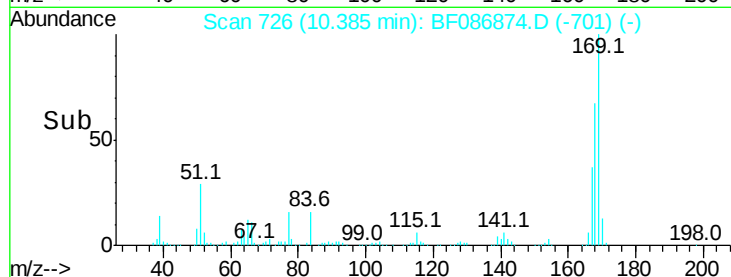
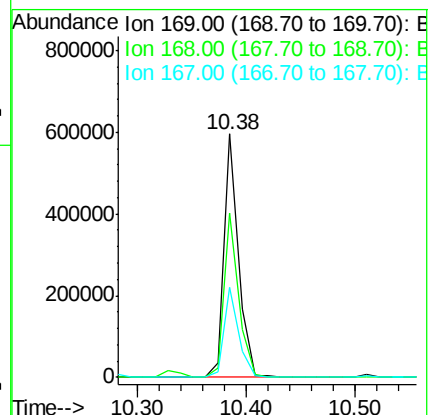
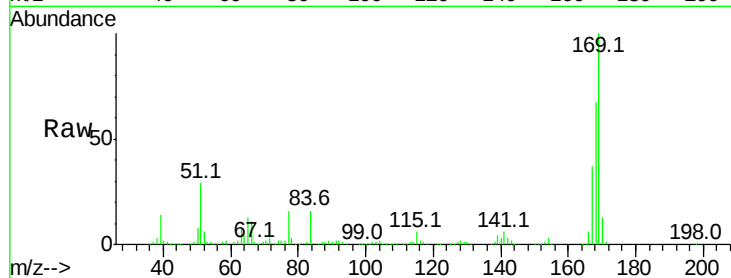
Tot Ion:169 Resp: 556825

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

167 37.2 29.5 44.3



#66

4-Bromophenyl-phenylether

Concen: 41.13 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

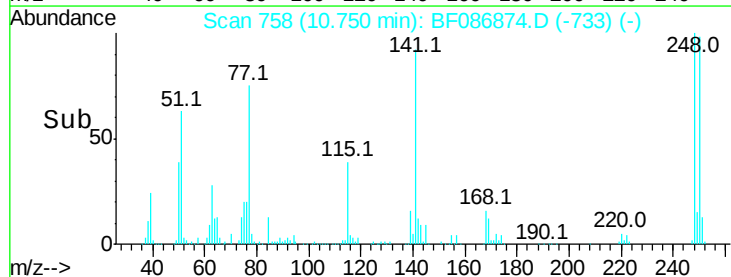
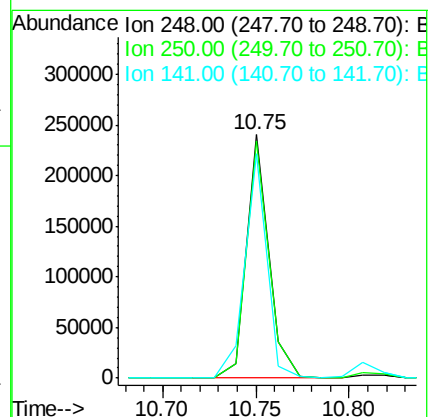
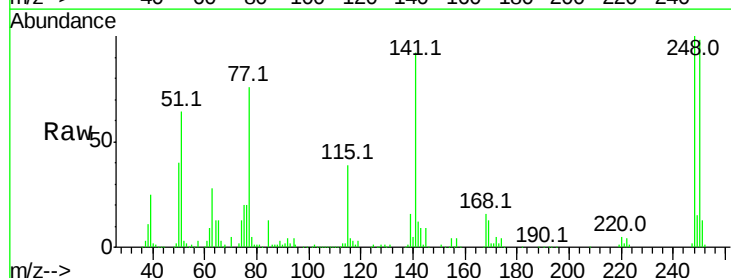
Tgt Ion:248 Resp: 202007

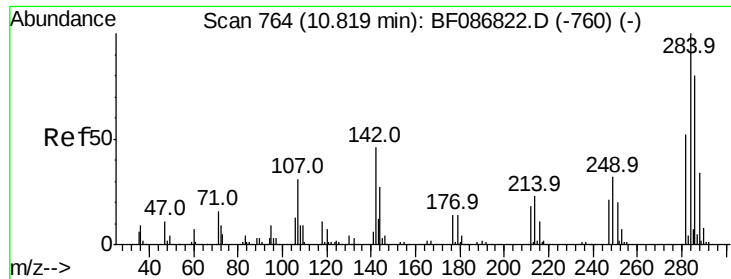
Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

141 92.1 76.0 114.0

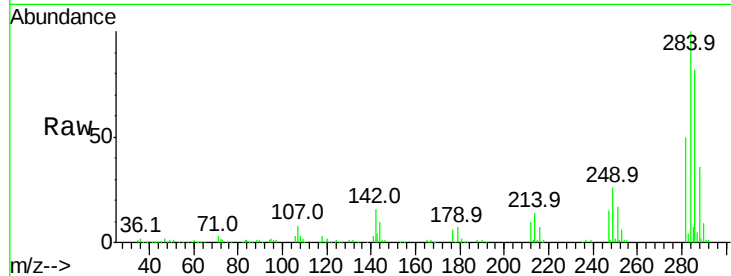




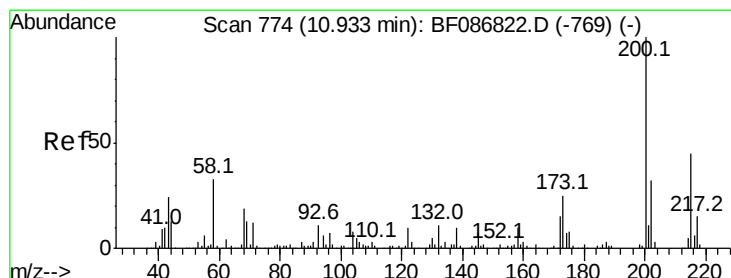
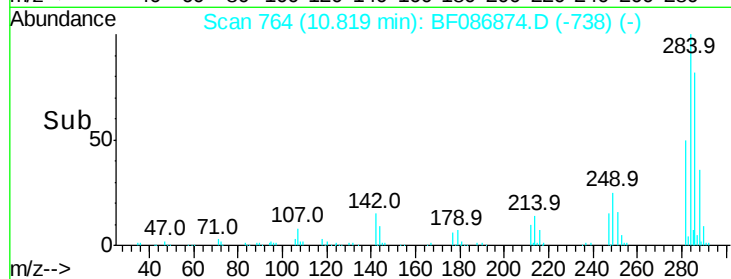
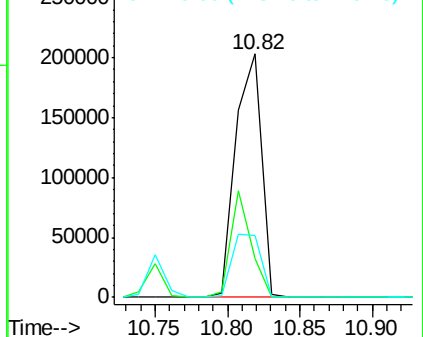
#67
Hexachlorobenzene
Concen: 43.74 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 251068
Ion Ratio Lower Upper
284 100
142 16.0 16.7 25.1#
249 25.6 21.3 31.9

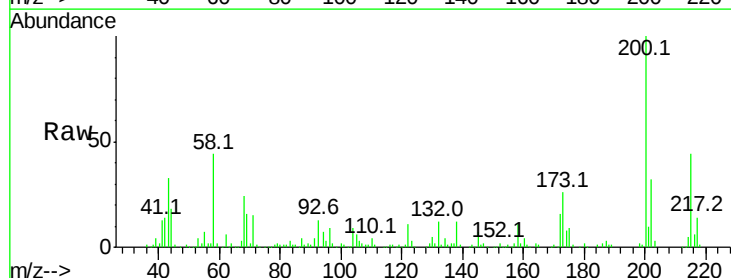


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

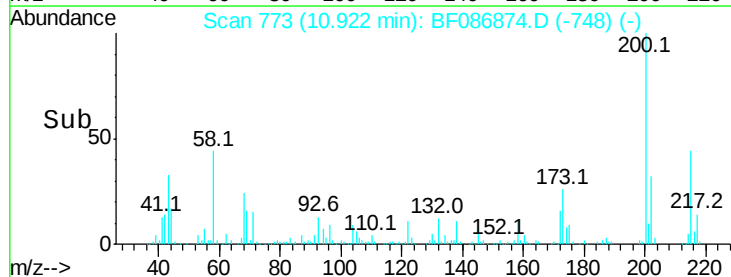
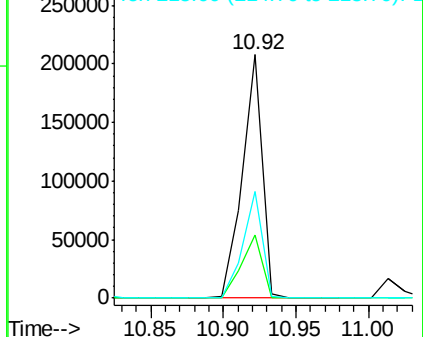


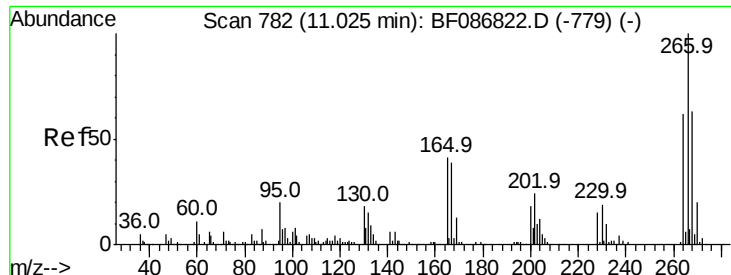
#68
Atrazine
Concen: 39.84 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Tgt Ion:200 Resp: 198083
Ion Ratio Lower Upper
200 100
173 25.8 8.5 48.5
215 43.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

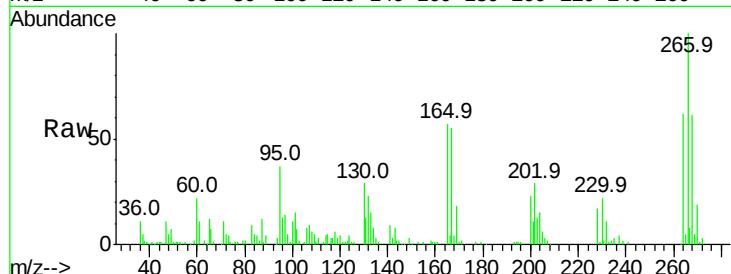




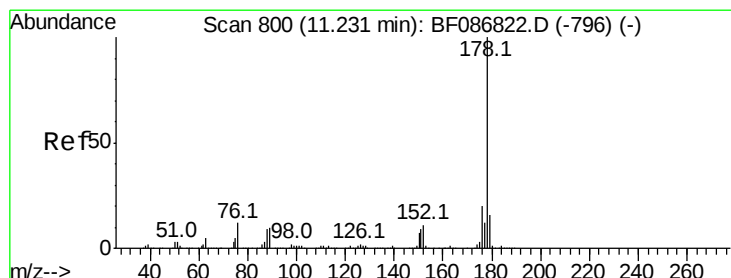
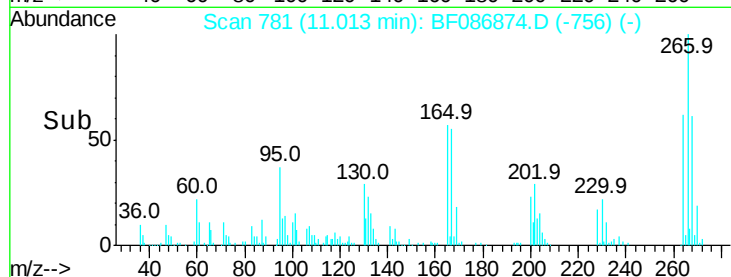
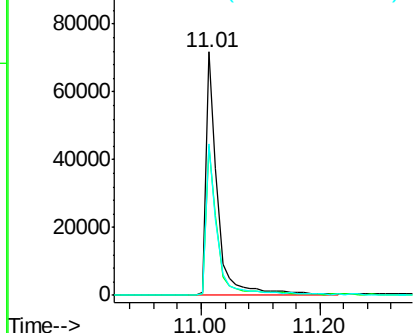
#69
 Pentachlorophenol
 Concen: 37.39 ng
 RT: 11.01 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.5	77.3
264	62.4	52.9	79.3

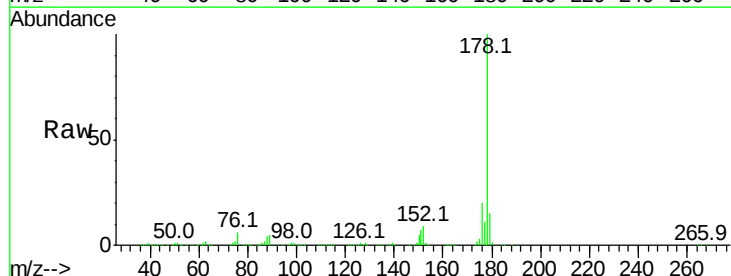


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

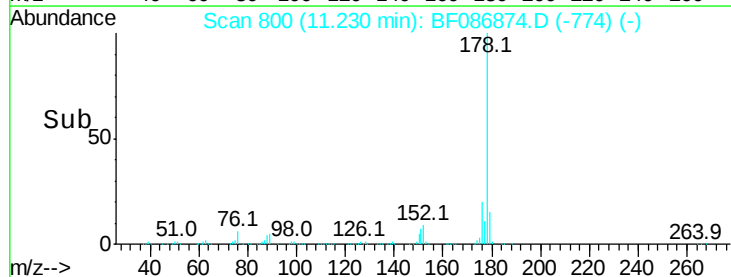
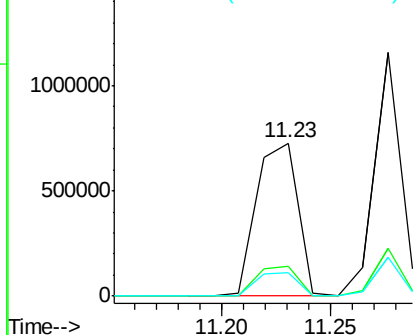


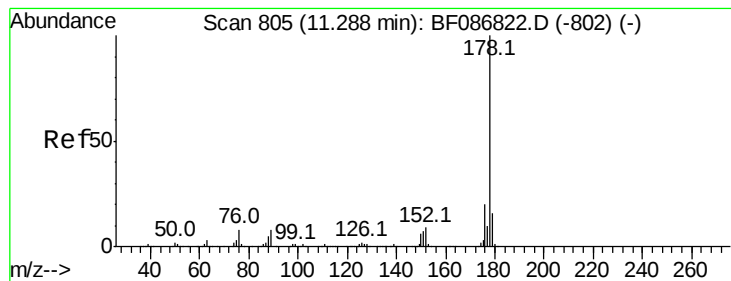
#70
 Phenanthrene
 Concen: 37.65 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.2	12.6	18.8



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





#71

Anthracene

Concen: 38.07 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

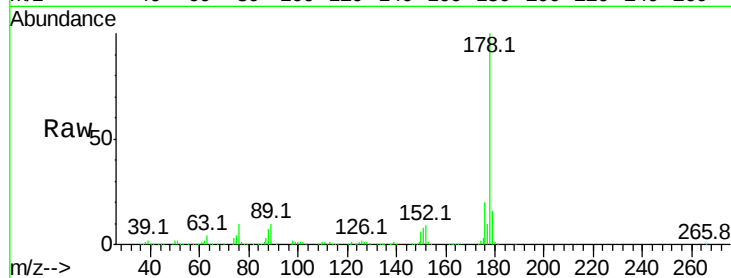
Tot Ion:178 Resp: 1006548

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

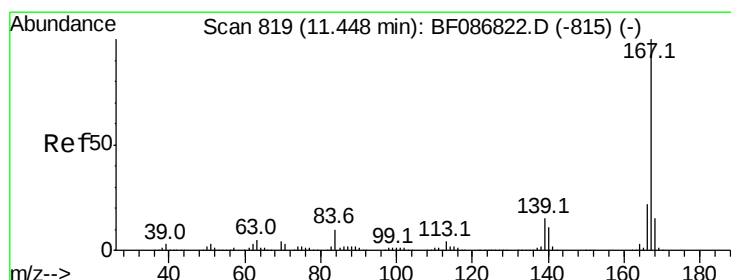
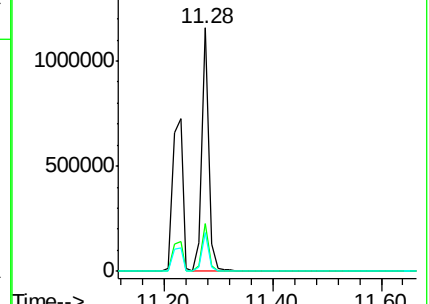
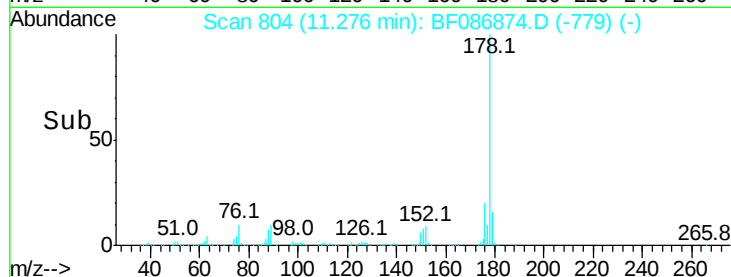
179 15.9 12.7 19.1



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: 34.67 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

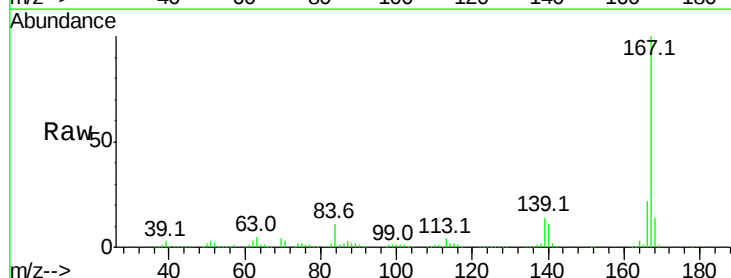
Tgt Ion:167 Resp: 788003

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

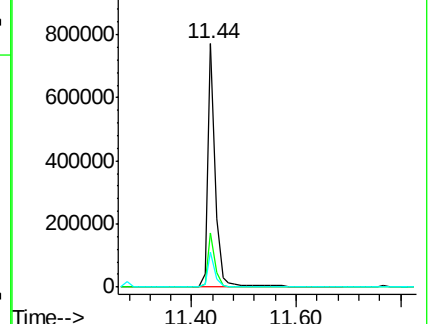
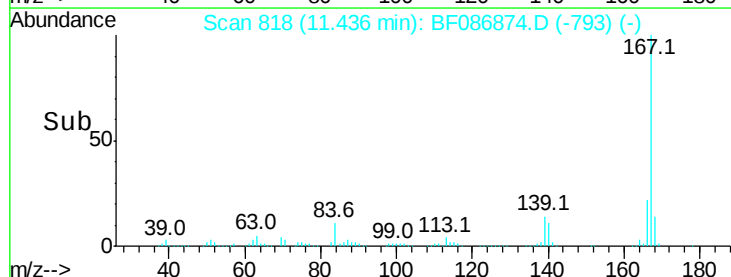
139 14.4 10.8 16.2

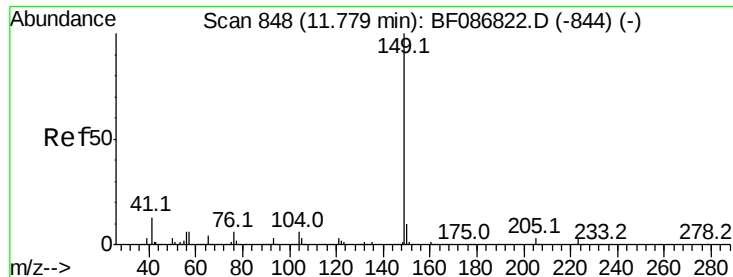


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.04 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

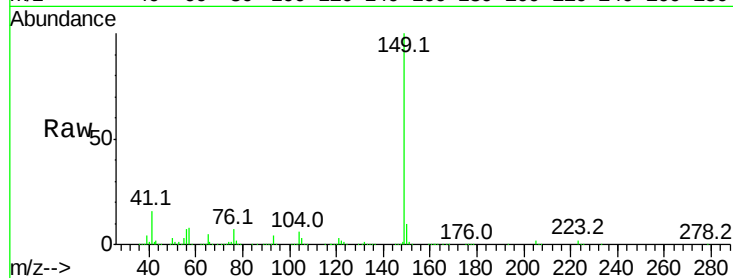
Tot Ion:149 Resp: 1083489

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

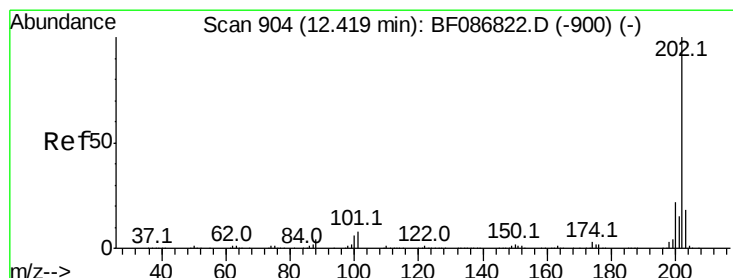
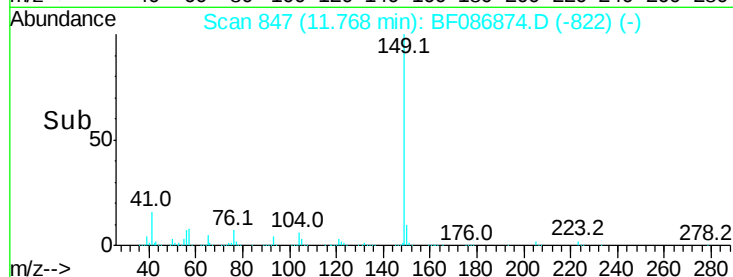
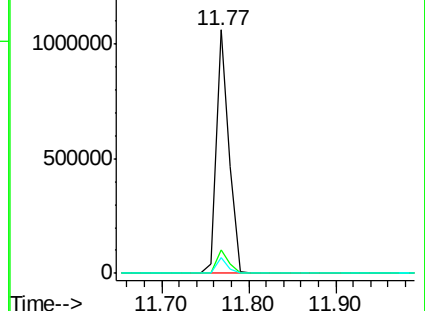
104 6.3 3.8 5.6#



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: 37.35 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

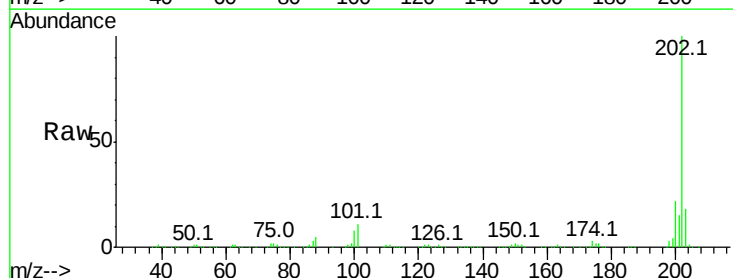
Tgt Ion:202 Resp: 992997

Ion Ratio Lower Upper

202 100

101 11.0 0.0 35.4

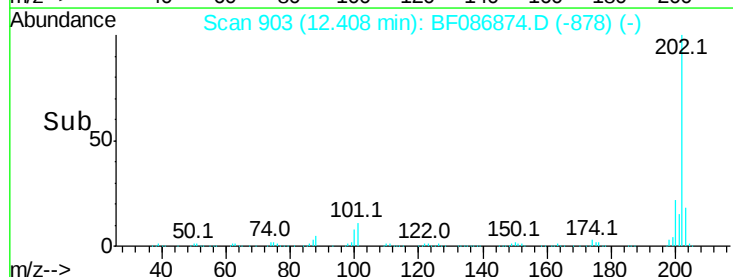
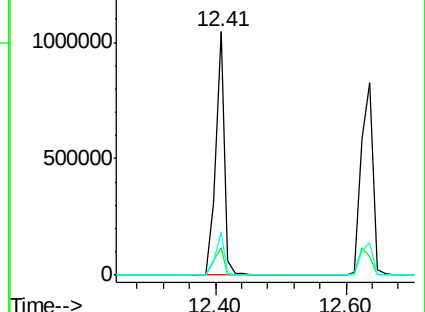
203 17.7 0.0 38.1

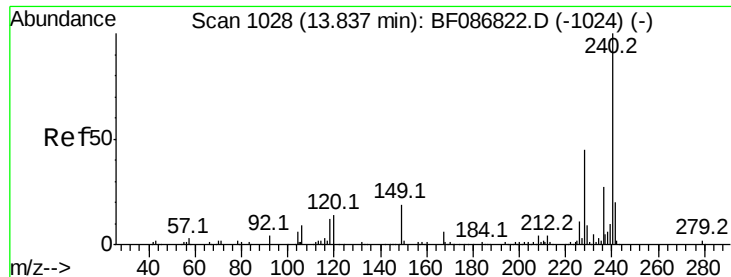


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

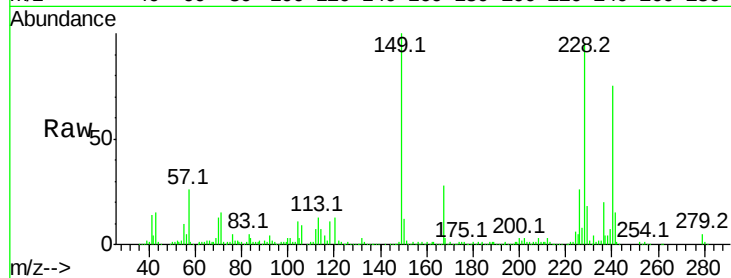
Tot Ion:240 Resp: 341821

Ion Ratio Lower Upper

240 100

120 16.7 11.2 16.8

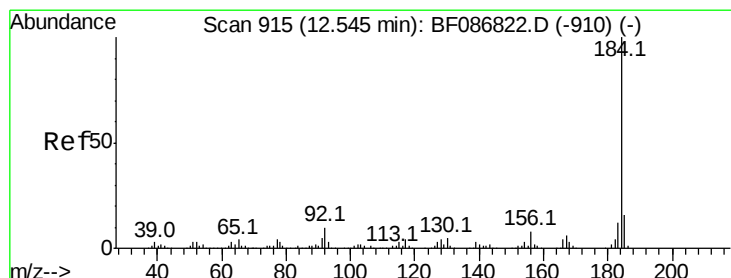
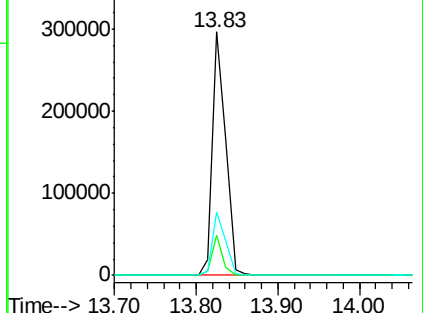
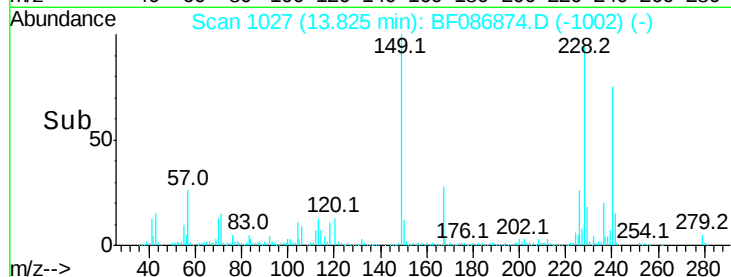
236 26.1 21.2 31.8



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: 2.97 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

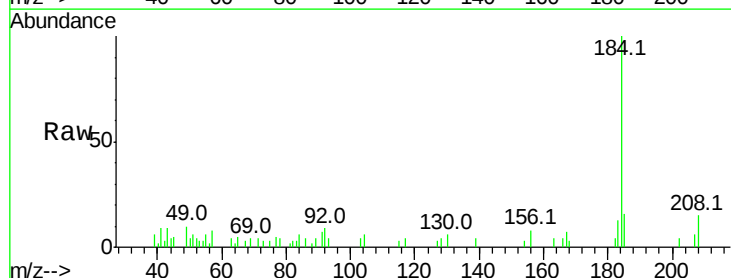
Tgt Ion:184 Resp: 25899

Ion Ratio Lower Upper

184 100

185 16.0 13.6 20.4

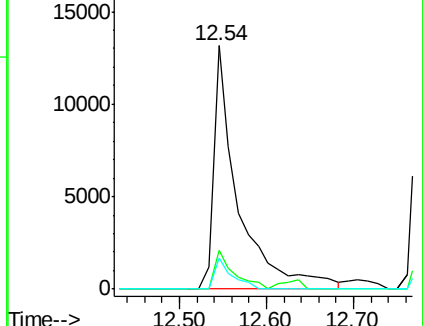
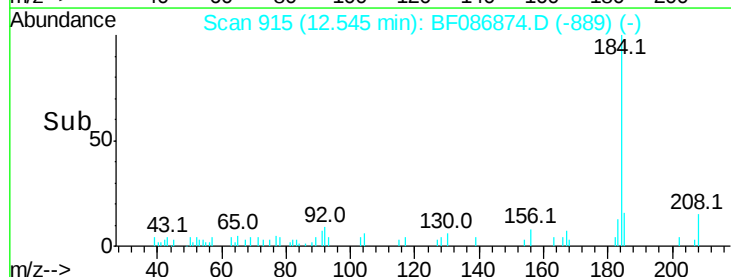
183 12.8 9.8 14.6

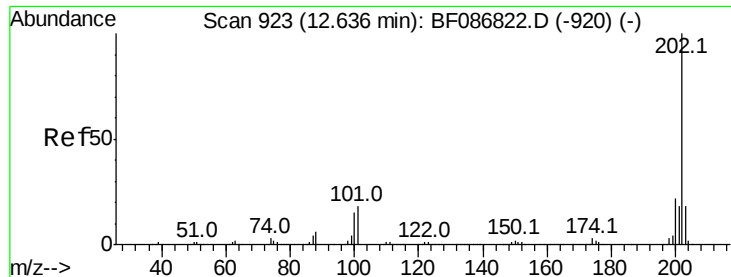


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

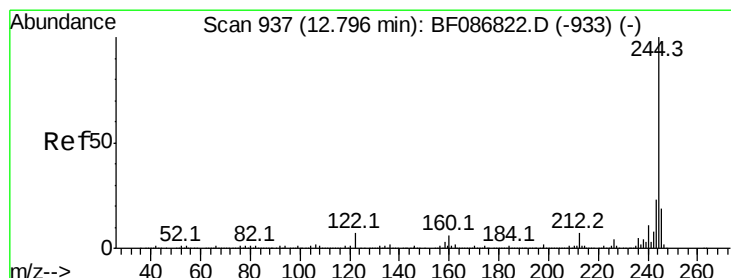
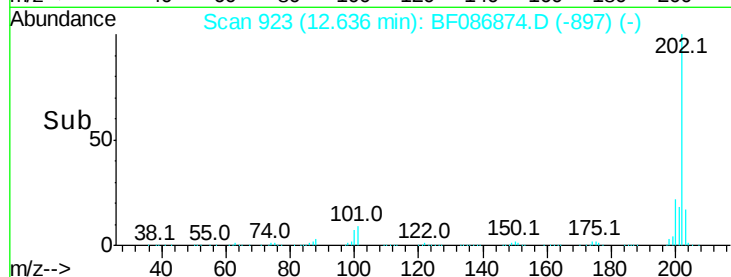
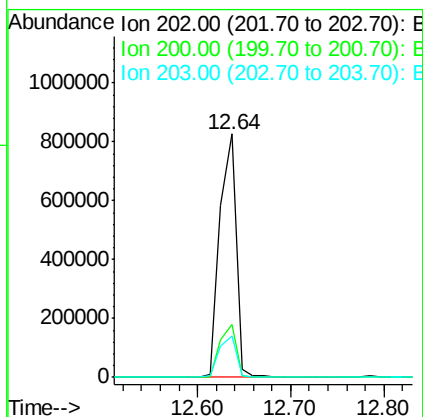
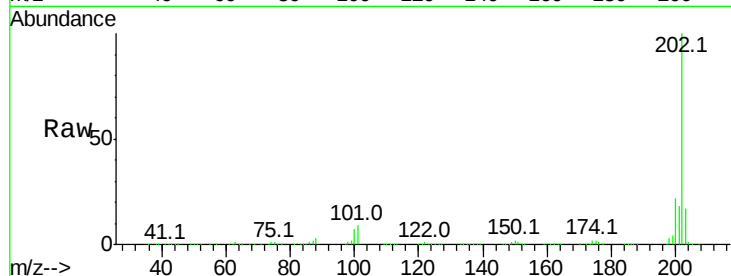




#77
Pvrene
Concen: 38.46 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

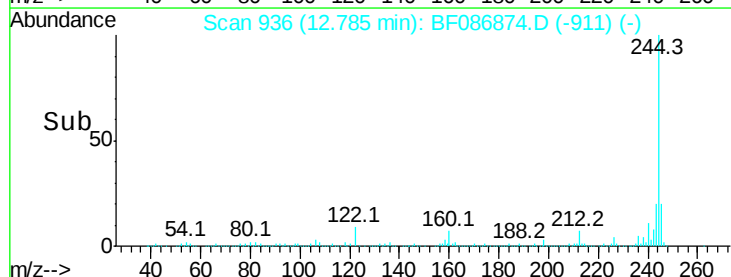
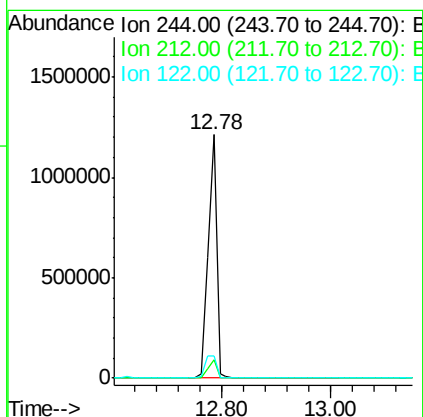
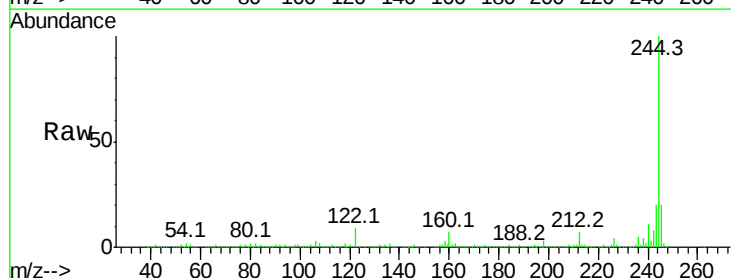
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

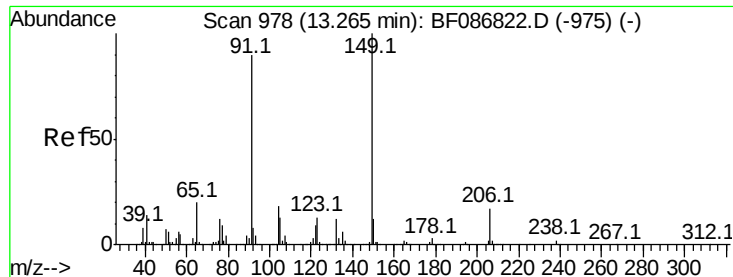
Tot Ion:202 Resp: 1006440
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.1 14.2 21.4



#78
Terphenyl-d14
Concen: 80.21 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086874.D
Acq: 10 May 2016 22:06

Tgt Ion:244 Resp: 1292299
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 9.0 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 40.50 ng

RT: 13.25 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

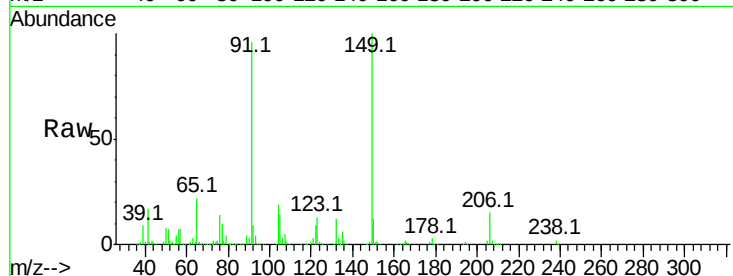
Tot Ion:149 Resp: 448265

Ion Ratio Lower Upper

149 100

91 96.1 48.0 72.0#

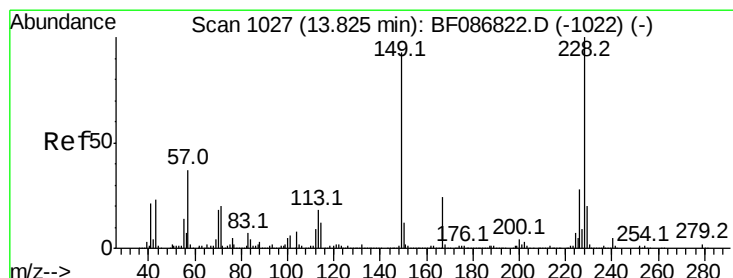
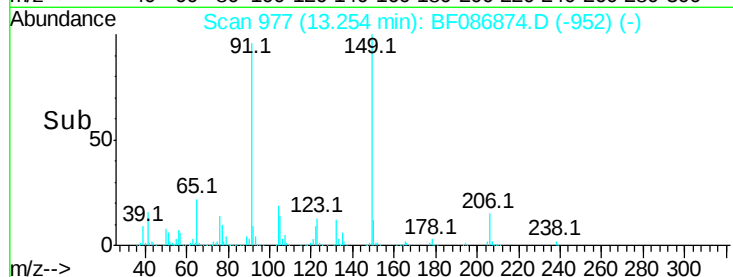
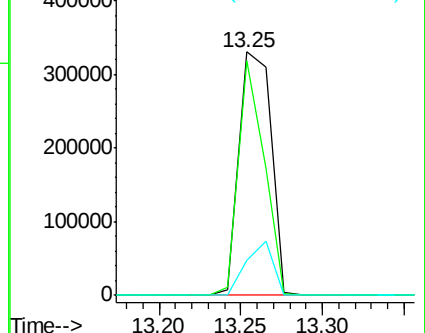
206 14.6 15.8 23.6#



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: 40.04 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

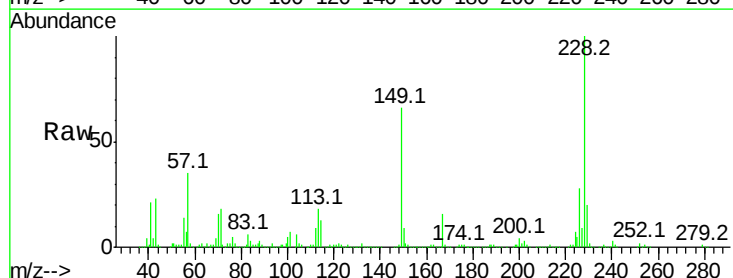
Tgt Ion:228 Resp: 768367

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

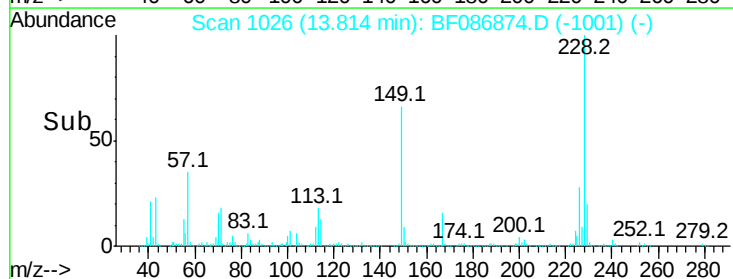
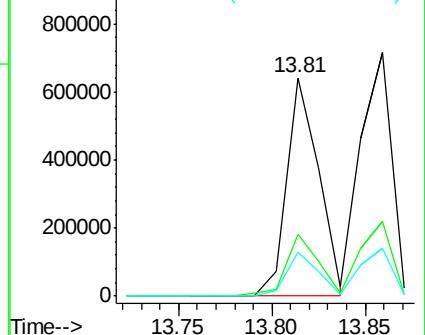
229 20.2 16.6 25.0

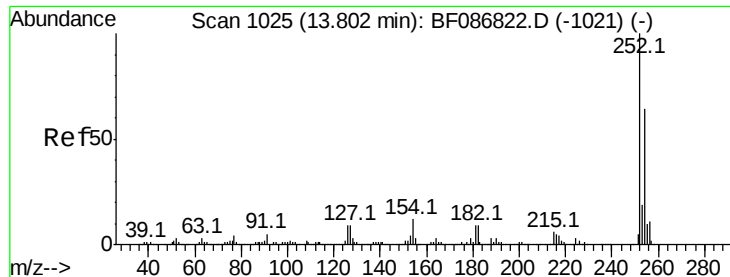


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

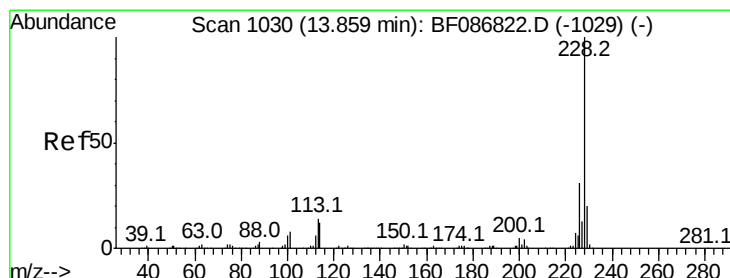
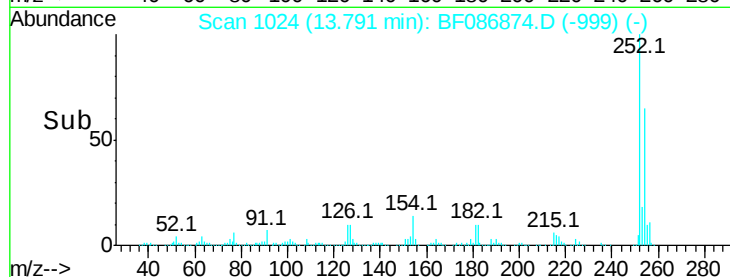
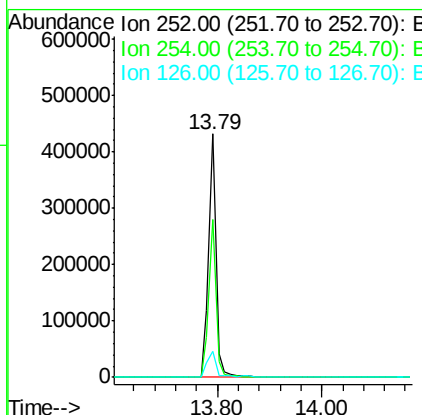
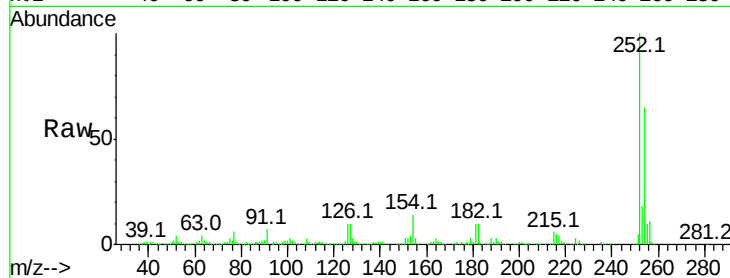




#81
 3,3'-Dichlorobenzidine
 Concen: 35.30 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

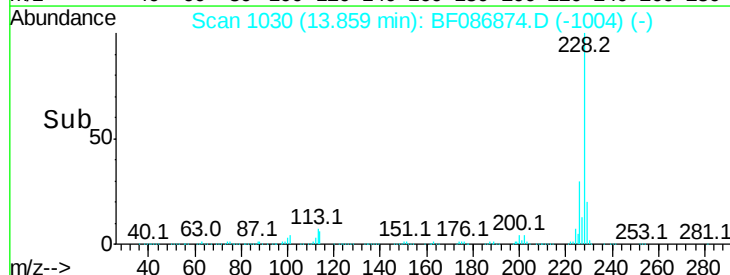
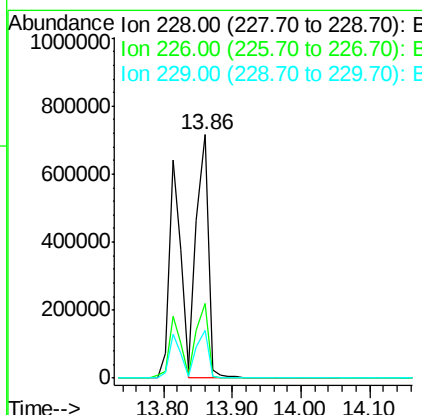
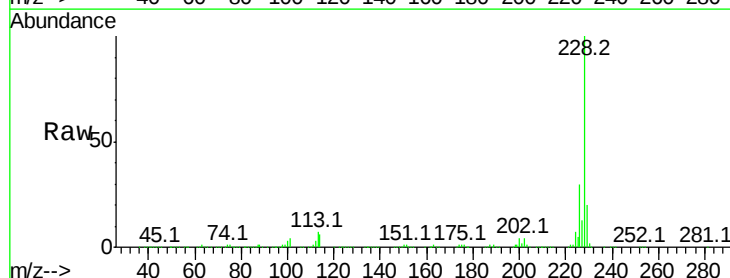
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

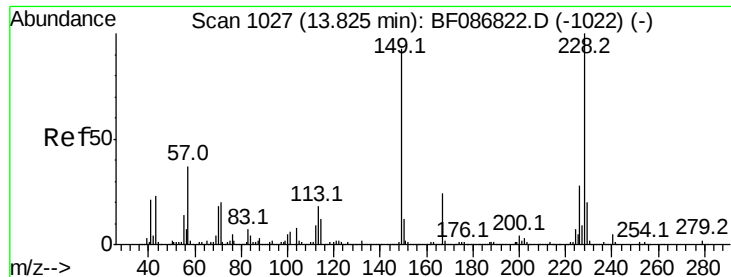
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.7	76.1
126	10.5	12.7	19.1#



#82
 Chrysene
 Concen: 43.21 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.6	15.8	23.8

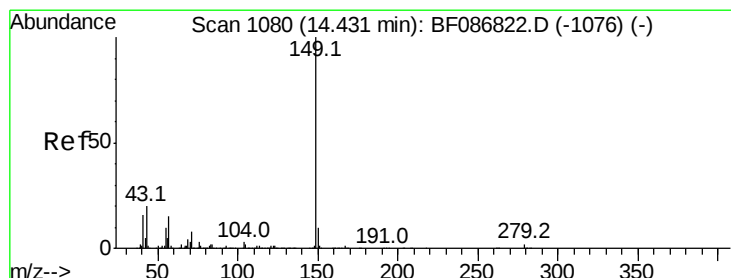
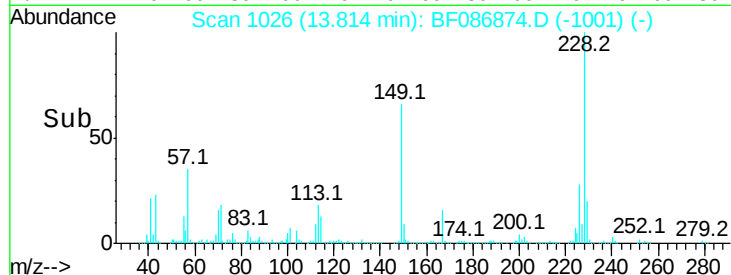
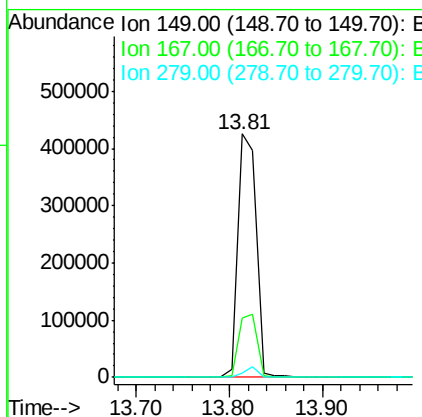
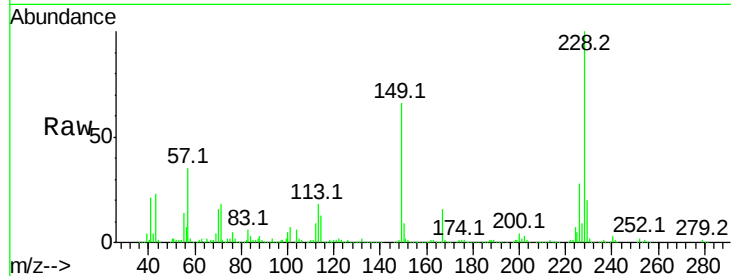




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.89 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

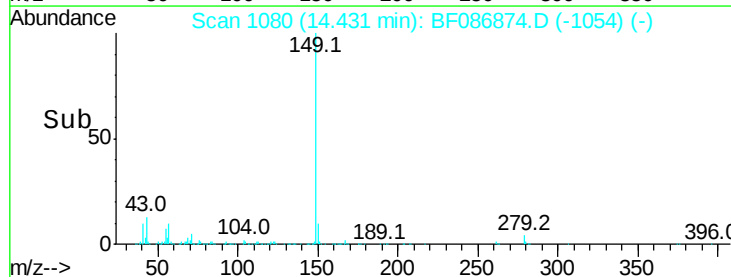
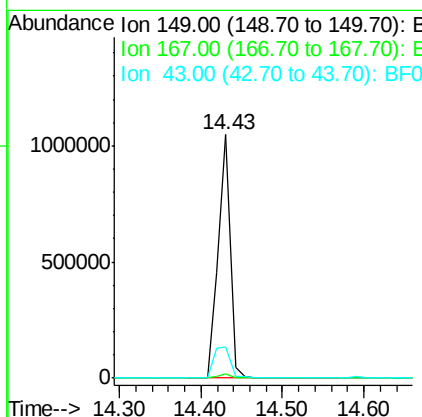
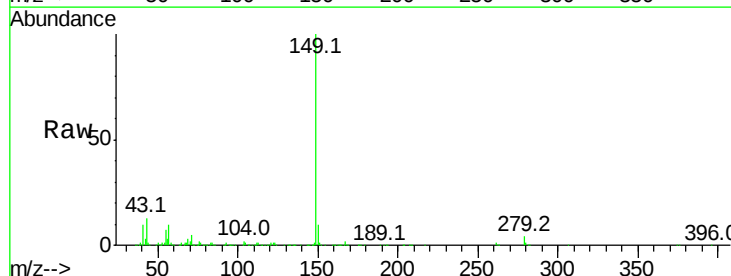
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

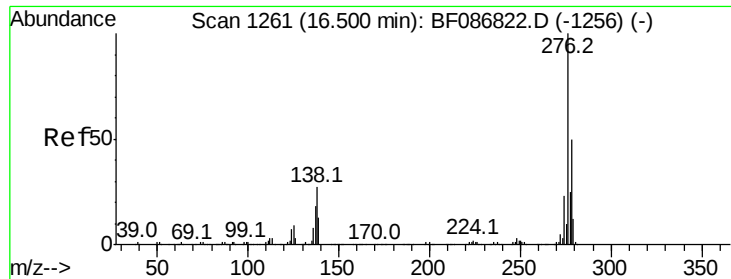
Tot Ion:149 Resp: 584346
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.8 32.6
 279 1.8 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 48.68 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086874.D
 Acq: 10 May 2016 22:06

Tgt Ion:149 Resp: 1073786
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 17.2 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.46 ng

RT: 16.49 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

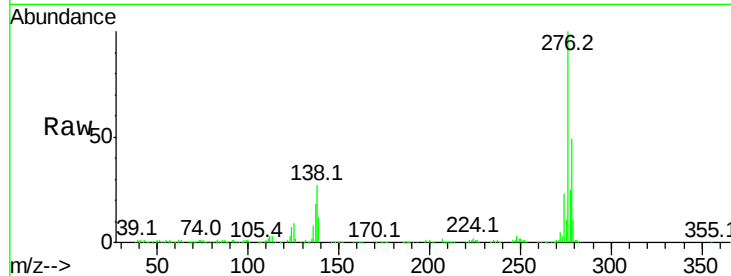
Tot Ion:276 Resp: 754609

Ion Ratio Lower Upper

276 100

138 27.3 25.6 38.4

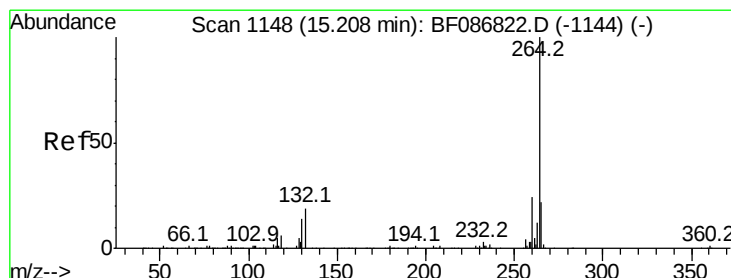
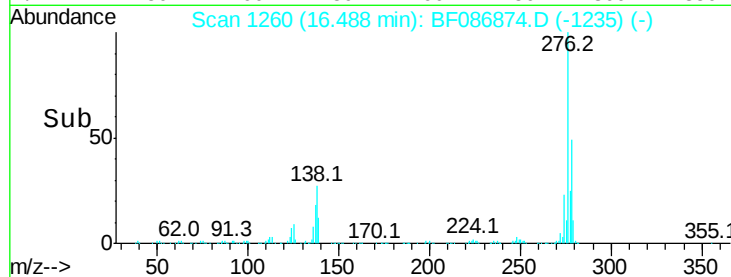
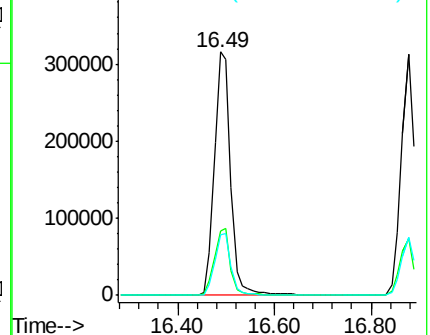
277 25.2 20.5 30.7



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

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

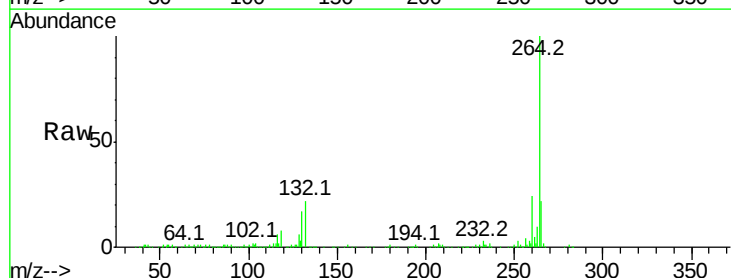
Tgt Ion:264 Resp: 344681

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

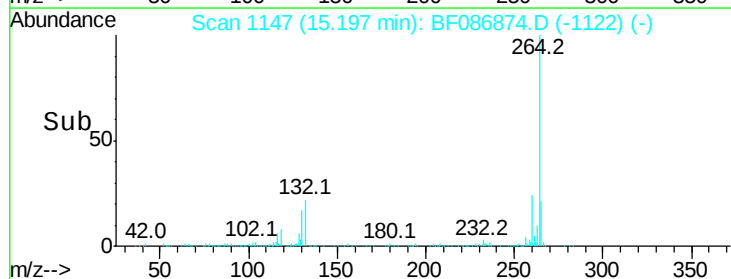
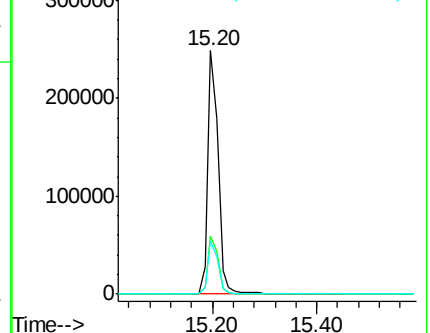
265 21.6 17.3 25.9

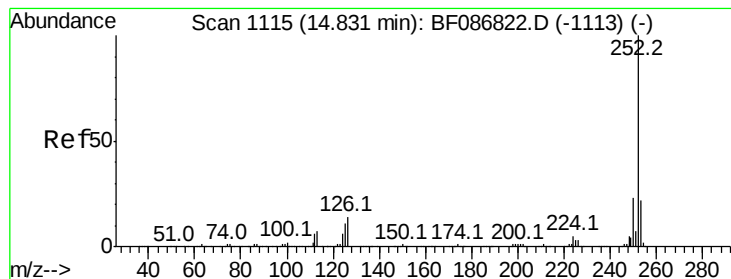


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 70.36 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

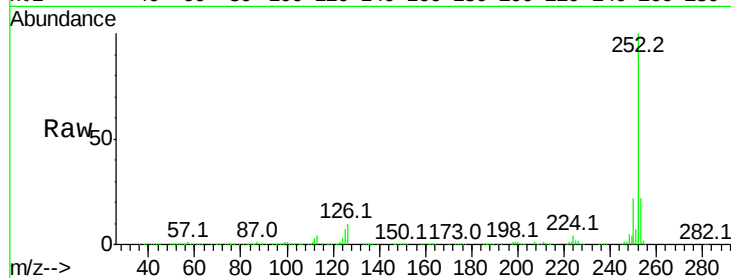
Tot Ion:252 Resp: 1576177

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

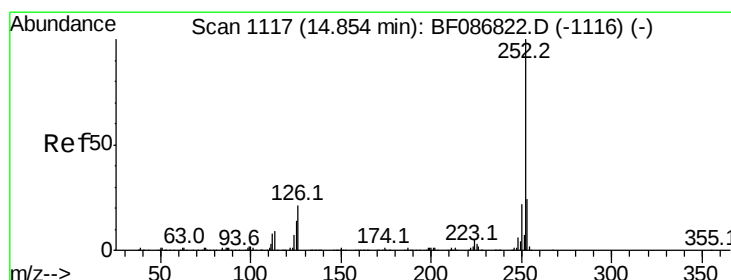
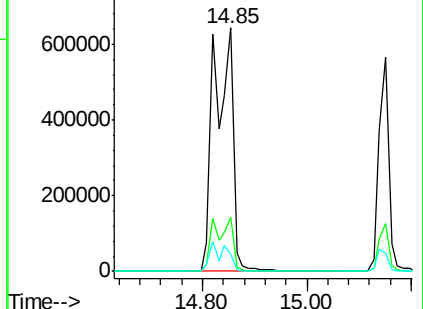
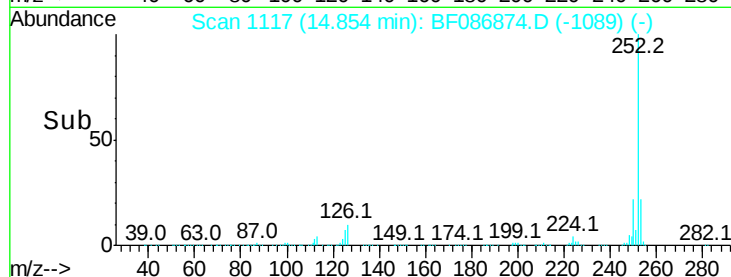
125 6.9 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.01 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

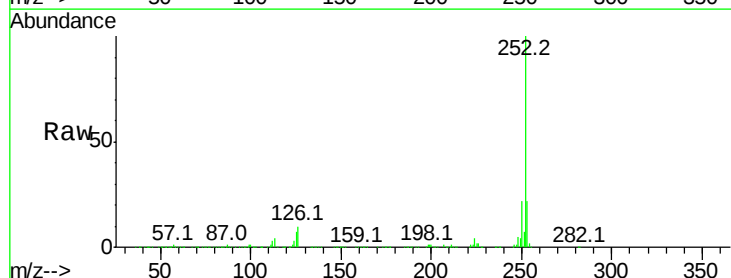
Tgt Ion:252 Resp: 1577640

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

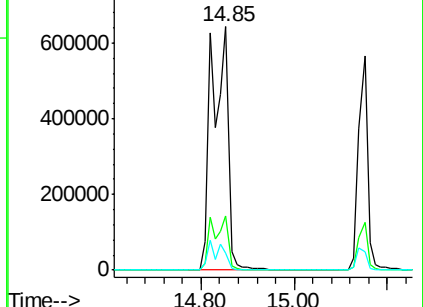
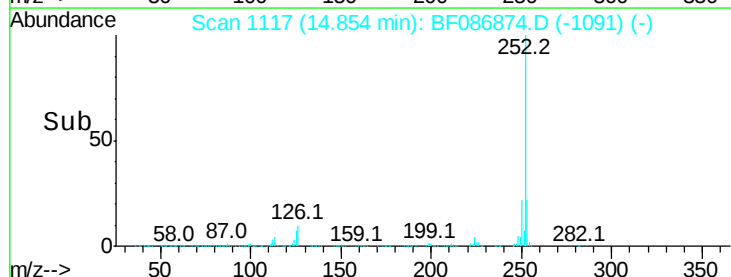
125 6.9 9.1 13.7#

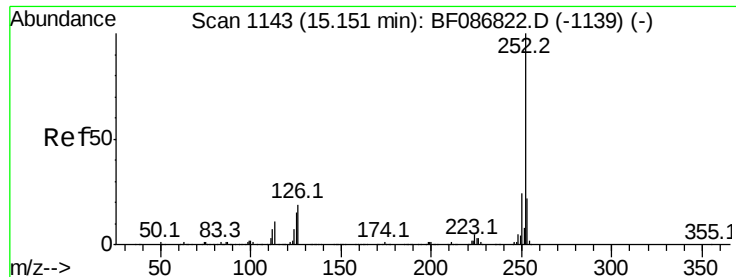


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.31 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

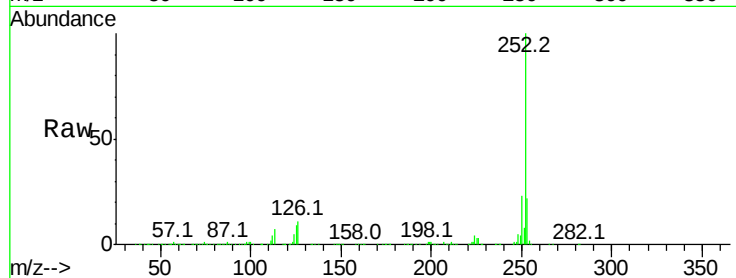
Tot Ion:252 Resp: 740117

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

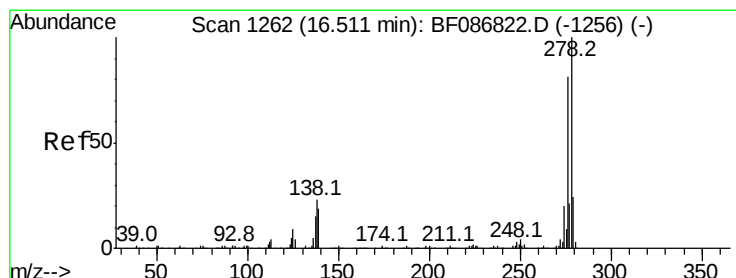
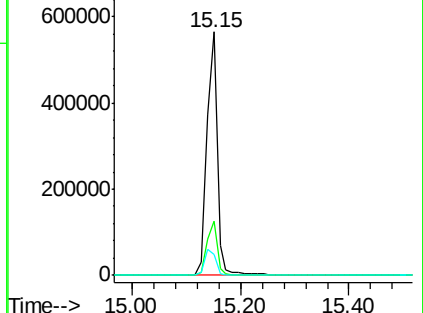
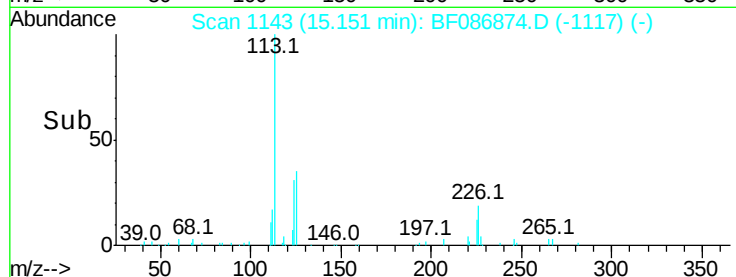
125 8.6 9.0 13.6#



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: 37.98 ng

RT: 16.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

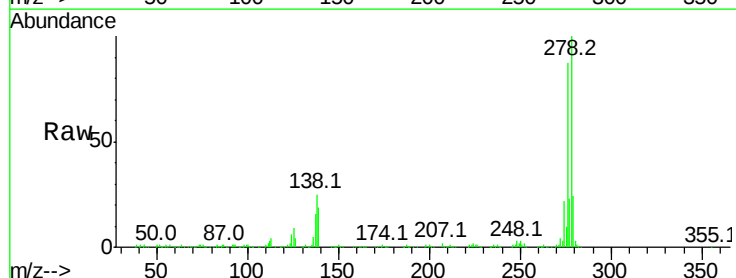
Tgt Ion:278 Resp: 618407

Ion Ratio Lower Upper

278 100

139 19.3 16.6 24.8

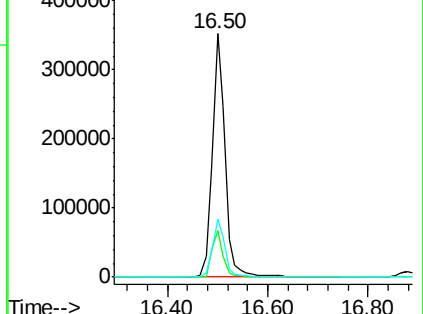
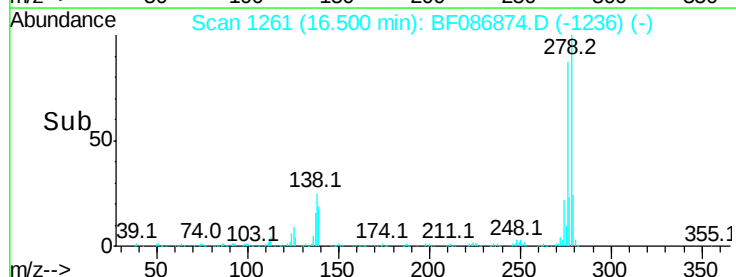
279 23.8 19.6 29.4

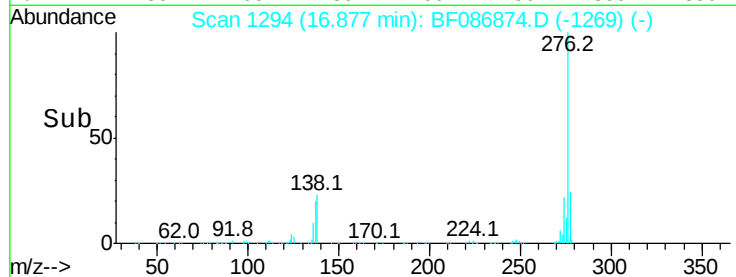
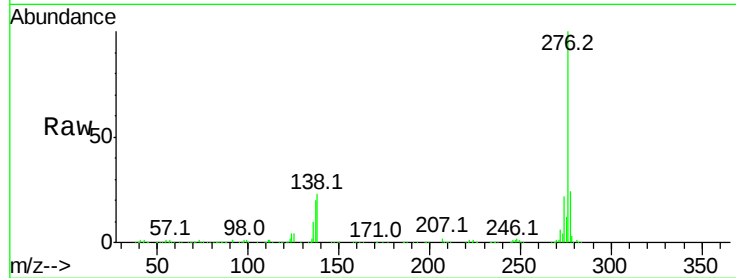
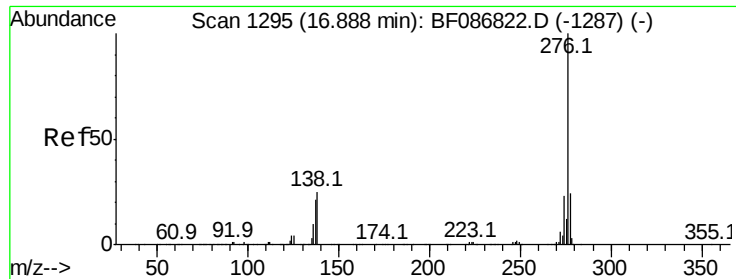


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.61 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF086874.D

Acq: 10 May 2016 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 622330

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 23.5 23.6 35.4#

