

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082374.D
 Acq On : 20 Oct 2015 1:13
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 20 03:13:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158929	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	608031	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	309021	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	601128	20.00	ng	0.00
75) Chrysene-d12	14.02	240	468461	20.00	ng	-0.07
86) Perylene-d12	15.54	264	394407	20.00	ng	-0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	607513	77.15	ng	0.00
7) Phenol-d6	6.46	99	786404	76.74	ng	0.01
23) Nitrobenzene-d5	7.38	82	698313	77.13	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	192085	66.28	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1276054	68.48	ng	0.00
78) Terphenyl-d14	12.94	244	1316921	74.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	142967	36.13	ng	97
3) Pyridine	3.05	79	382901	41.61	ng	97
4) n-Nitrosodimethylamine	3.03	42	161599	41.41	ng	97
6) Aniline	6.47	93	508101	38.46	ng	# 23
8) 2-Chlorophenol	6.59	128	371228	38.62	ng	95
9) Benzaldehyde	6.35	77	220810	42.19	ng	99
10) Phenol	6.47	94	459769	38.91	ng	75
11) bis(2-Chloroethyl)ether	6.55	93	363871	36.42	ng	95
12) 1,3-Dichlorobenzene	6.74	146	434364	38.80	ng	99
13) 1,4-Dichlorobenzene	6.82	146	447194	38.25	ng	99
14) 1,2-Dichlorobenzene	6.97	146	369353	33.27	ng	99
15) Benzyl Alcohol	6.96	79	278228	39.33	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	476705	34.26	ng	70
17) 2-Methylphenol	7.07	107	283716	37.32	ng	96
18) Hexachloroethane	7.31	117	153236	38.29	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	241334	33.53	ng	# 92
20) 3+4-Methylphenols	7.23	107	335150	37.00	ng	# 84
22) Acetophenone	7.22	105	495075	41.16	ng	# 92
24) Nitrobenzene	7.41	77	417729	42.62	ng	# 89
25) Isophorone	7.65	82	731699	40.04	ng	94
26) 2-Nitrophenol	7.71	139	201582	41.19	ng	# 87
27) 2,4-Dimethylphenol	7.76	122	308900	39.18	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	406505	38.23	ng	99
29) 2,4-Dichlorophenol	7.97	162	340123	43.16	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	355282	39.11	ng	96
31) Naphthalene	8.11	128	1000526	37.96	ng	99
32) Benzoic acid	7.92	122	167845	31.72	ng	95
33) 4-Chloroaniline	8.18	127	435121	39.75	ng	# 92
34) Hexachlorobutadiene	8.23	225	202664	35.80	ng	99
35) Caprolactam	8.58	113	100029	43.73	ng	86
36) 4-Chloro-3-methylphenol	8.67	107	321420	41.70	ng	# 82
37) 2-Methylnaphthalene	8.81	142	716211	39.20	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	359812	39.15	ng	98
40) Hexachlorocyclopentadiene	8.96	237	123765	32.15	ng	99

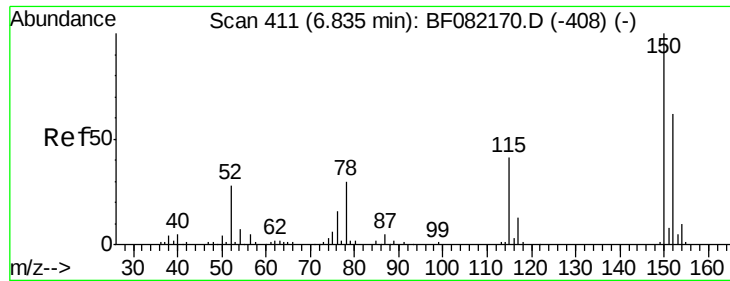
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082374.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	242212	39.68	nq	100
43) 2,4,5-Trichlorophenol	9.14	196	260949	39.46	nq	97
45) 1,1'-Biphenyl	9.28	154	889470	37.75	nq	97
46) 2-Chloronaphthalene	9.30	162	674500	36.36	nq	94
47) 2-Nitroaniline	9.41	65	202449	39.75	nq	94
48) Acenaphthylene	9.71	152	1046122	36.20	nq	99
49) Dimethylphthalate	9.59	163	814304	37.42	nq	100
50) 2,6-Dinitrotoluene	9.66	165	206060	44.88	nq	94
51) Acenaphthene	9.89	154	630583	36.35	nq	99
52) 3-Nitroaniline	9.83	138	218169	42.07	nq	97
53) 2,4-Dinitrophenol	9.93	184	72804	32.50	nq	94
54) Dibenzofuran	10.06	168	881482	37.01	nq	94
55) 4-Nitrophenol	10.00	139	102675	36.41	nq	97
56) 2,4-Dinitrotoluene	10.06	165	225627	39.32	nq	# 88
57) Fluorene	10.41	166	733075	37.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	198330	36.70	nq	99
59) Diethylphthalate	10.29	149	839841	41.40	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	379717	42.38	nq	# 88
61) 4-Nitroaniline	10.45	138	204930	40.74	nq	97
62) Azobenzene	10.56	77	801329	40.37	nq	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	131683	39.03	nq	76
65) n-Nitrosodiphenylamine	10.53	169	708367	39.36	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	230805	38.37	nq	# 89
67) Hexachlorobenzene	10.95	284	221701	34.07	nq	# 66
68) Atrazine	11.05	200	189014	33.15	nq	99
69) Pentachlorophenol	11.15	266	118851	35.50	nq	97
70) Phenanthrene	11.37	178	1164566	39.52	nq	99
71) Anthracene	11.42	178	1136253	37.42	nq	99
72) Carbazole	11.59	167	1029637	37.17	nq	# 97
73) Di-n-butylphthalate	11.91	149	1255074	36.73	nq	100
74) Fluoranthene	12.56	202	1176718	37.18	nq	98
76) Benzidine	12.69	184	534696	39.39	nq	100
77) Pyrene	12.79	202	1135704	40.85	nq	100
79) Butylbenzylphthalate	13.42	149	523251	41.24	nq	96
80) Benzo(a)anthracene	14.01	228	973228	39.93	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	359871	38.90	nq	# 99
82) Chrysene	14.06	228	993089	38.67	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	727005	40.16	nq	# 97
84) Di-n-octyl phthalate	14.68	149	1262323	40.61	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	838908	41.10	nq	99
87) Benzo(b)fluoranthene	15.16	252	1694870	70.63	nq	98
88) Benzo(k)fluoranthene	15.16	252	1697795	84.18	nq	99
89) Benzo(a)pyrene	15.49	252	777715	37.71	nq	# 97
90) Dibenzo(a,h)anthracene	16.98	278	696618	41.22	nq	98
91) Benzo(g,h,i)perylene	17.40	276	679356	41.38	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

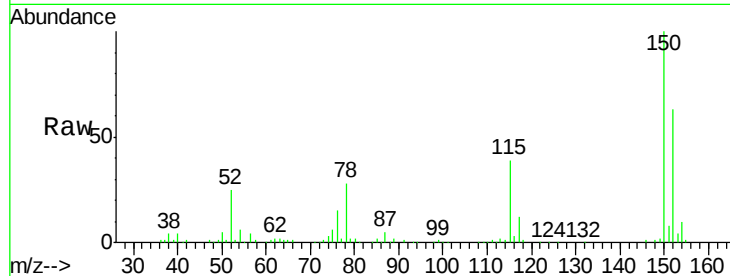
Tot Ion:152 Resp: 158929

Ion Ratio Lower Upper

152 100

150 158.4 129.0 193.4

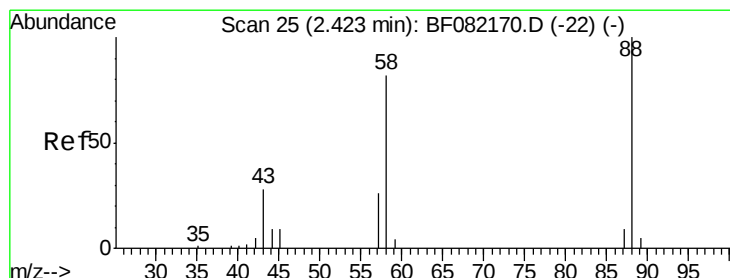
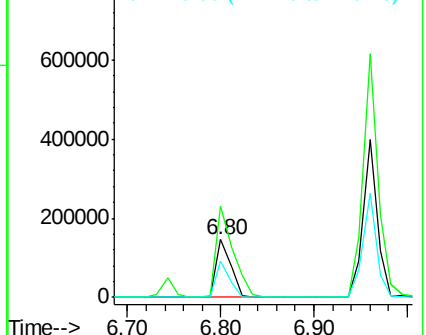
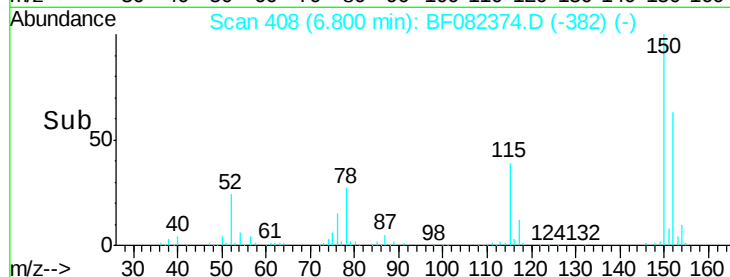
115 62.5 52.1 78.1



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: 36.13 ng

RT: 2.34 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

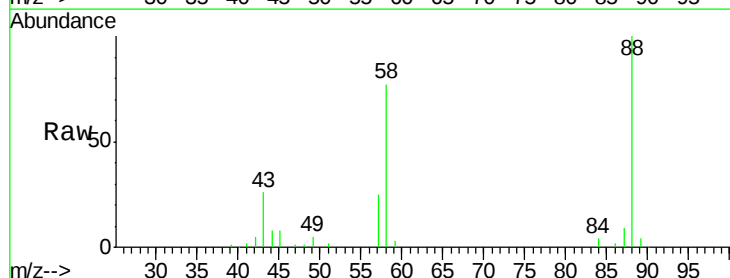
Tgt Ion: 88 Resp: 142967

Ion Ratio Lower Upper

88 100

58 79.7 66.2 99.4

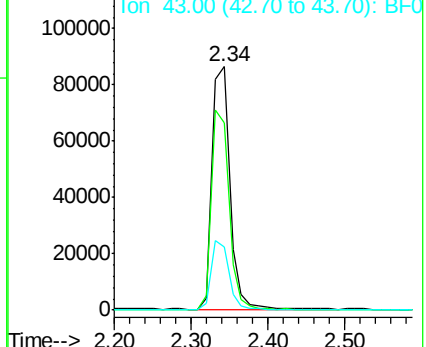
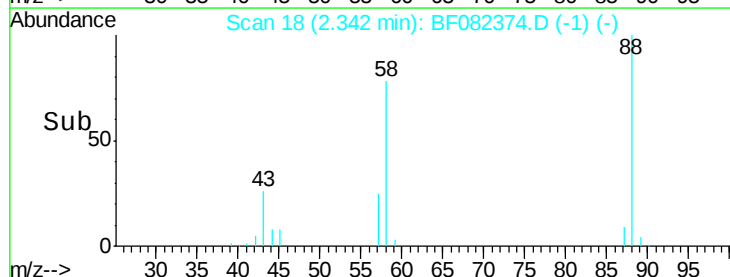
43 27.7 23.0 34.4

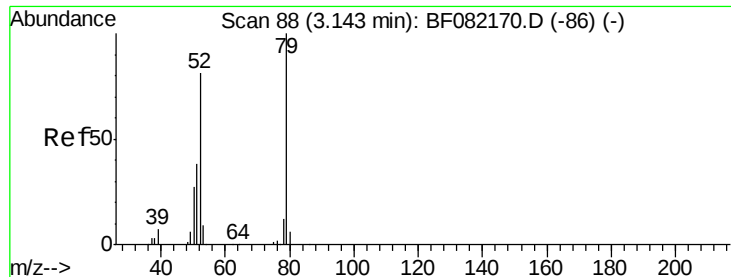


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



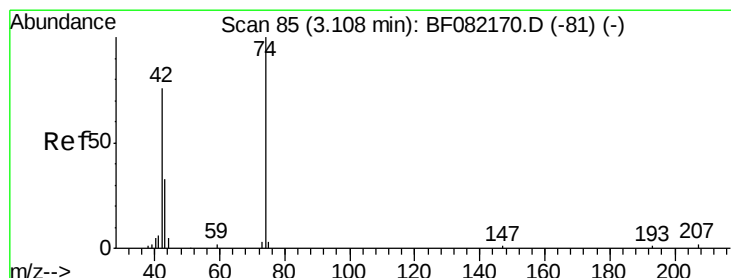
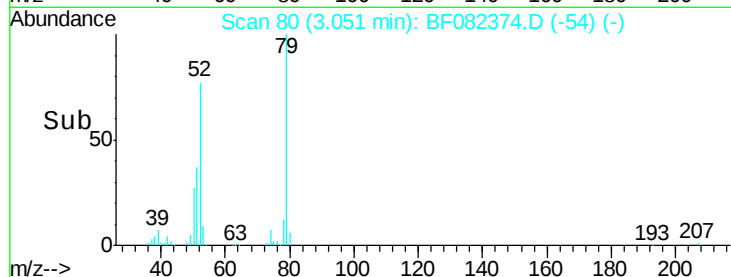
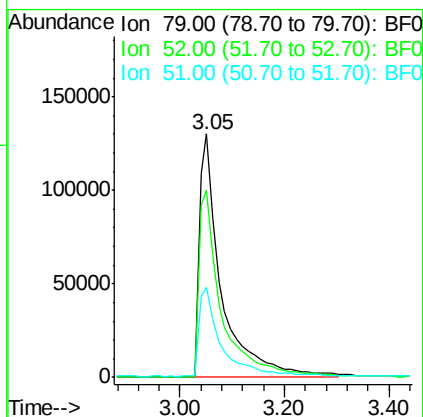
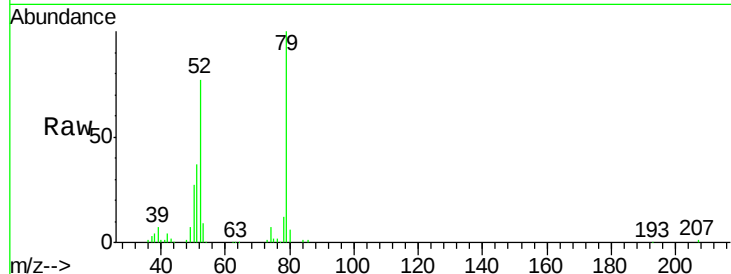


#3
 Pvridine
 Concen: 41.61 ng
 RT: 3.05 min Scan# 80
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 382901

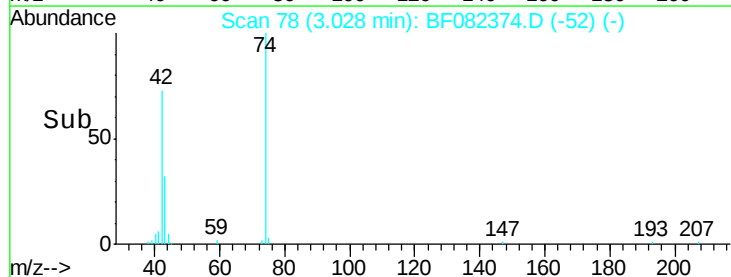
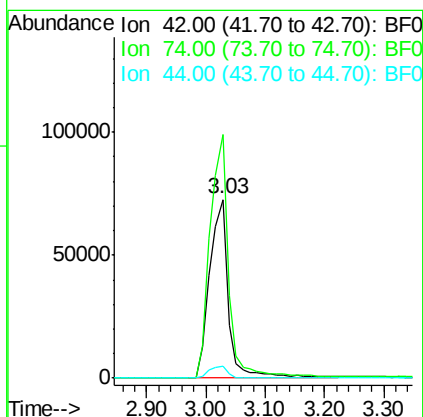
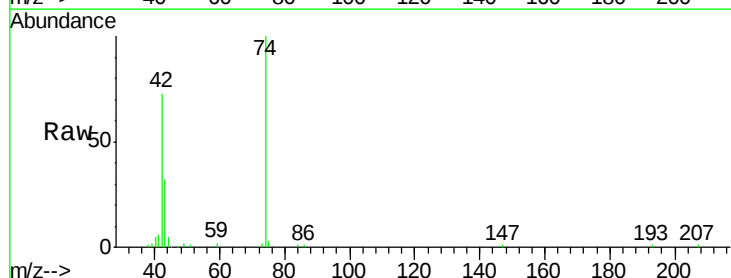
Ion	Ratio	Lower	Upper
79	100		
52	77.2	64.4	96.6
51	37.1	30.5	45.7

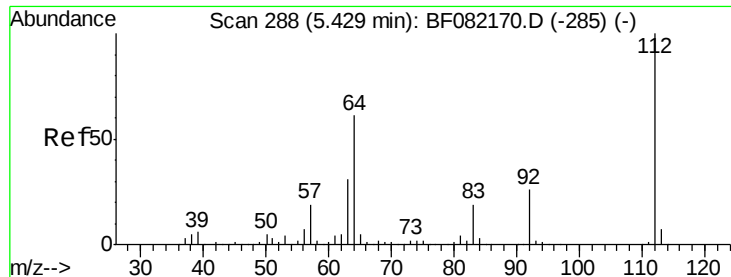


#4
 n-Nitrosodimethylamine
 Concen: 41.41 ng
 RT: 3.03 min Scan# 78
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion: 42 Resp: 161599

Ion	Ratio	Lower	Upper
42	100		
74	136.1	105.7	158.5
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 77.15 ng

RT: 5.39 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

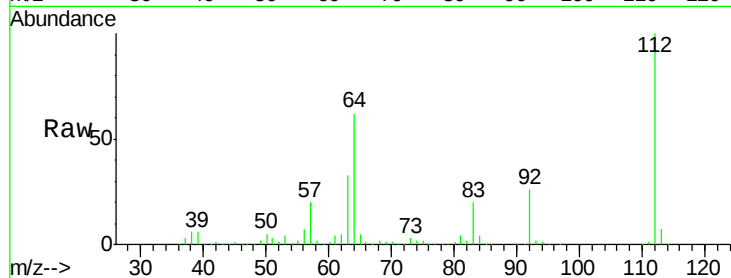
Tot Ion:112 Resp: 607513

Ion Ratio Lower Upper

112 100

64 62.4 48.6 73.0

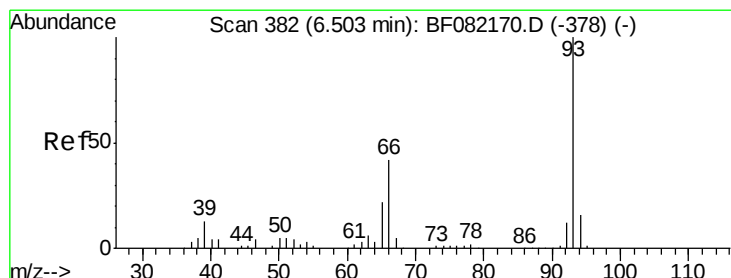
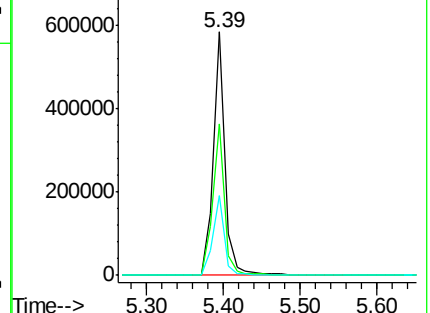
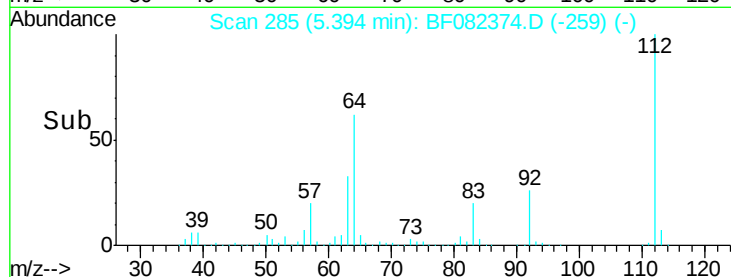
63 33.0 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.46 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

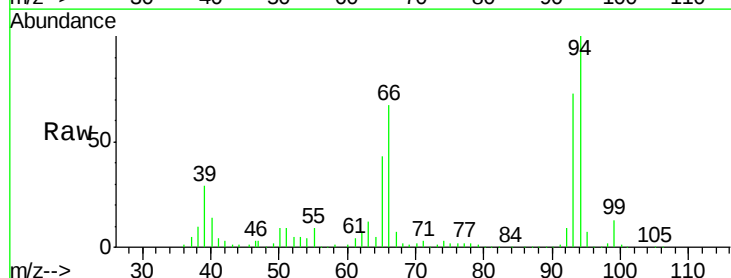
Tgt Ion: 93 Resp: 508101

Ion Ratio Lower Upper

93 100

66 91.6 34.2 51.2#

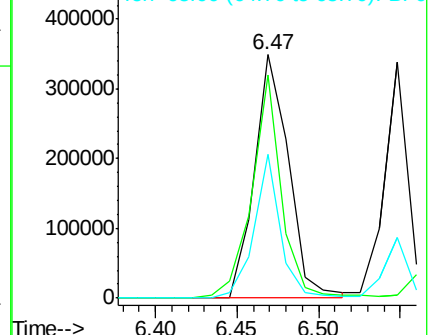
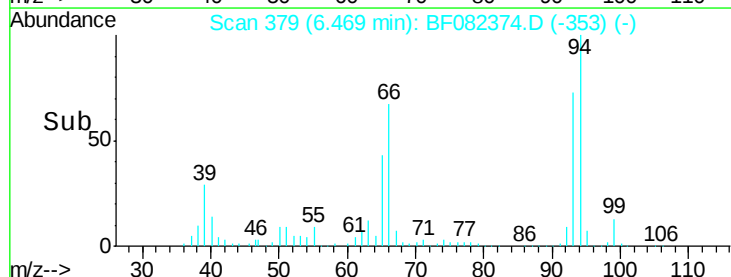
65 59.1 17.9 26.9#

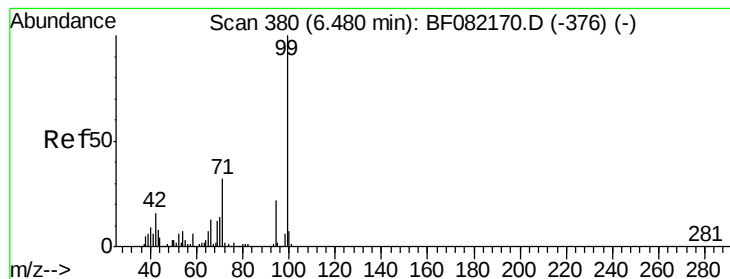


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.74 ng

RT: 6.46 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

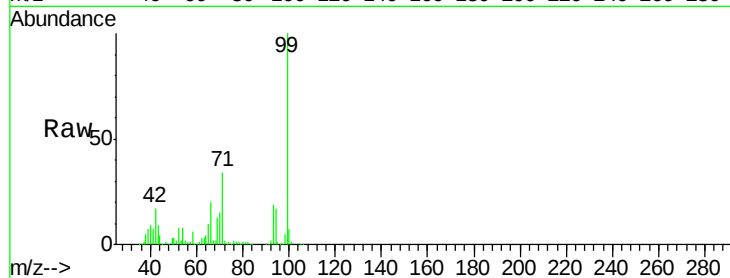
Tot Ion: 99 Resp: 786404

Ion Ratio Lower Upper

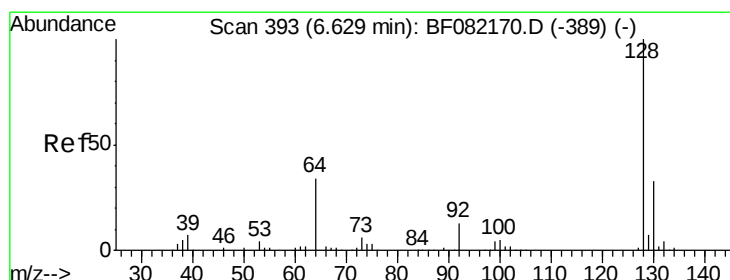
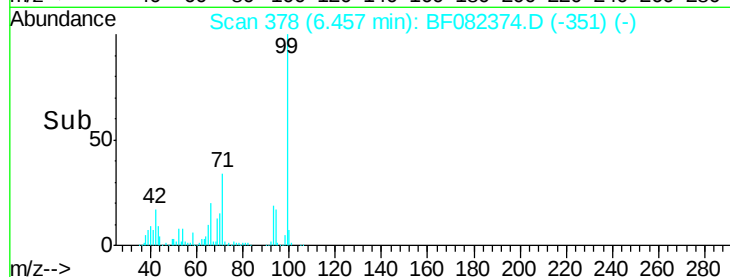
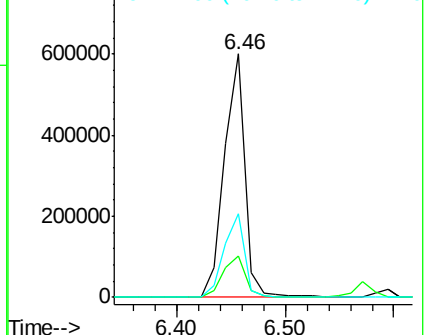
99 100

42 17.2 13.2 19.8

71 34.2 25.6 38.4



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: 38.62 ng

RT: 6.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

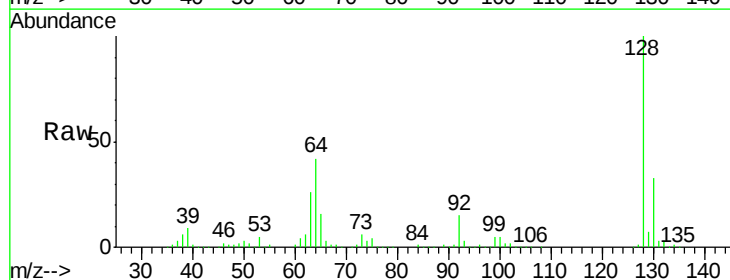
Tgt Ion: 128 Resp: 371228

Ion Ratio Lower Upper

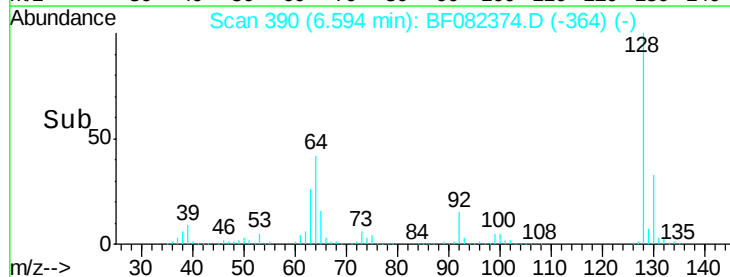
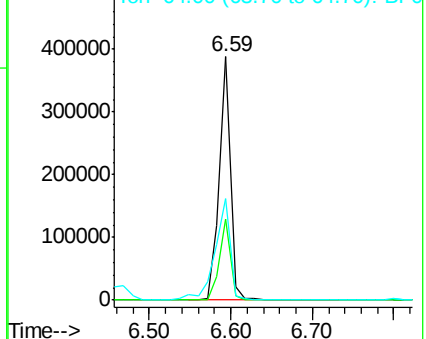
128 100

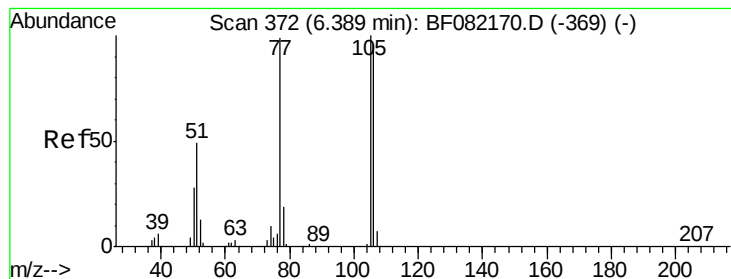
130 33.1 12.6 52.6

64 41.7 16.7 56.7



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: 42.19 ng

RT: 6.35 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

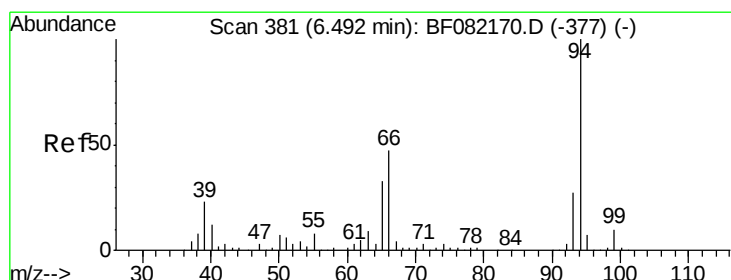
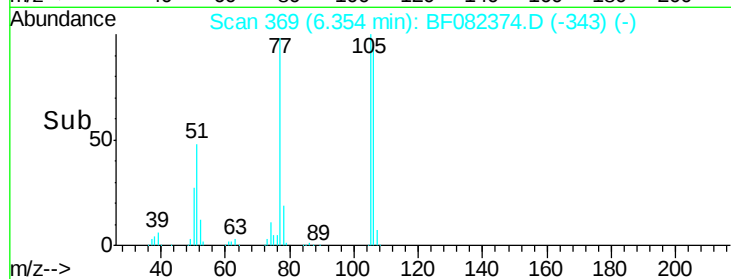
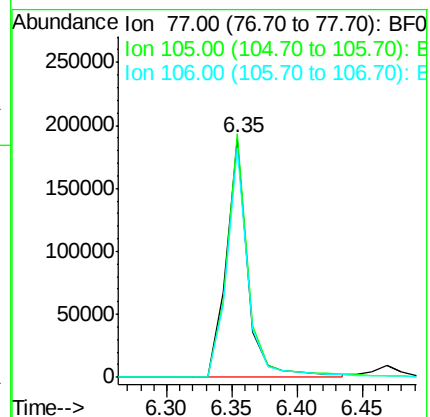
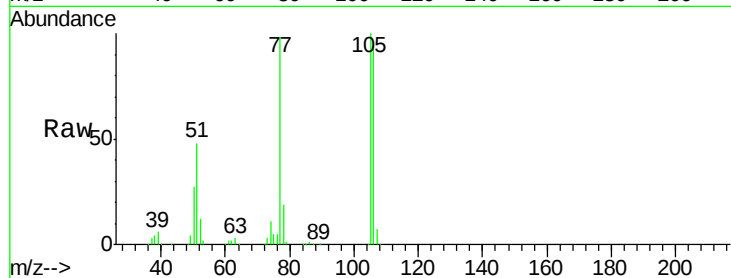
Tot Ion: 77 Resp: 220810

Ion Ratio Lower Upper

77 100

105 101.9 80.6 120.6

106 95.9 75.5 115.5



#10

Phenol

Concen: 38.91 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

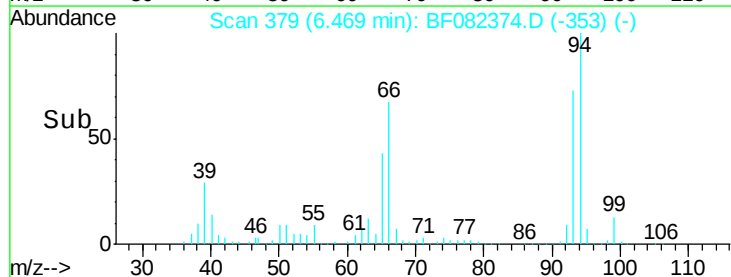
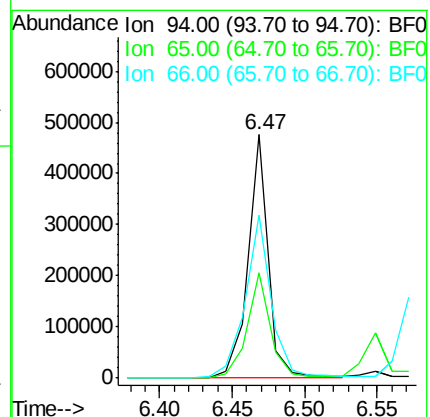
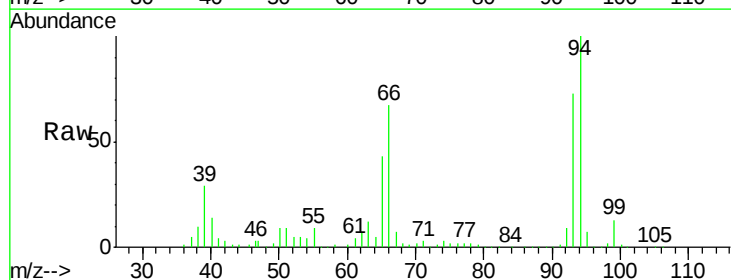
Tgt Ion: 94 Resp: 459769

Ion Ratio Lower Upper

94 100

65 43.3 12.6 52.6

66 67.2 27.3 67.3

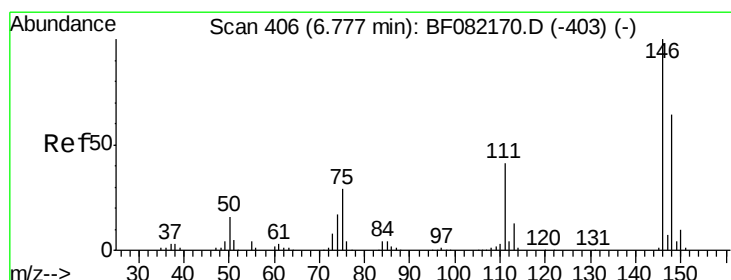
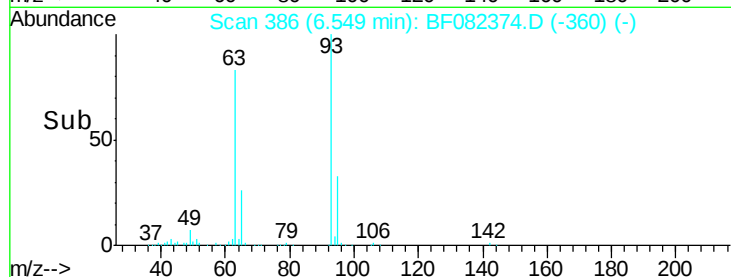
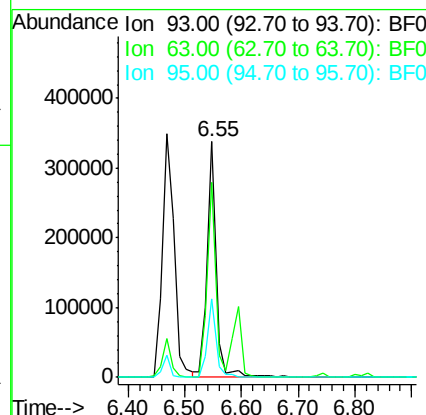
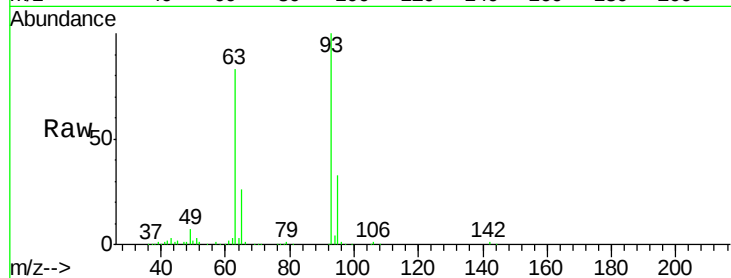




#11
bis(2-Chloroethyl)ether
Concen: 36.42 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

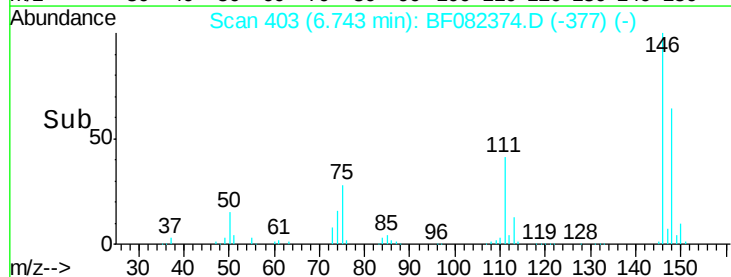
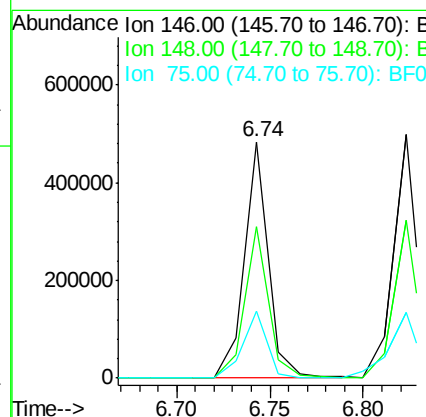
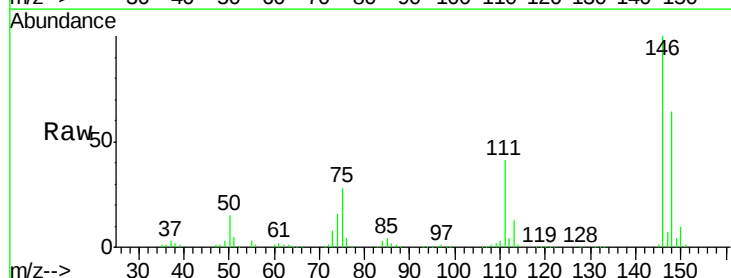
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

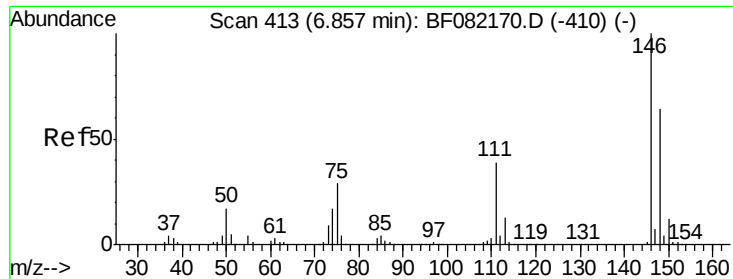
Tot Ion: 93 Resp: 363871
Ion Ratio Lower Upper
93 100
63 82.5 57.1 97.1
95 33.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.80 ng
RT: 6.74 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion: 146 Resp: 434364
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 28.1 23.0 34.6

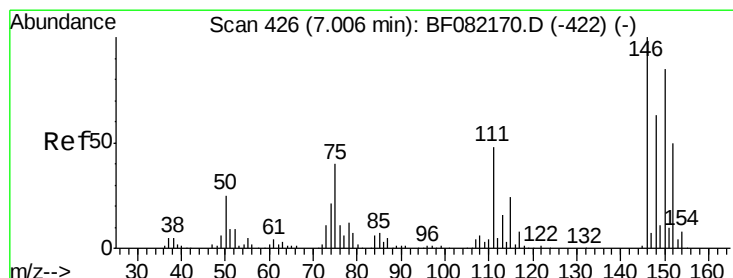
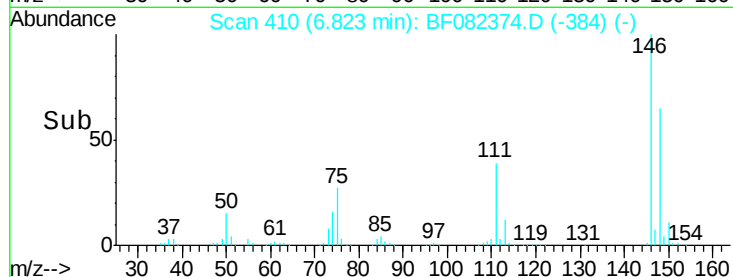
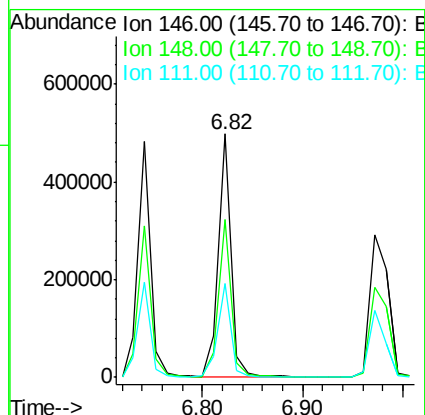
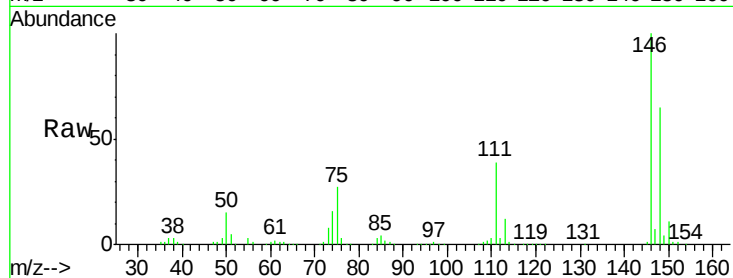




#13
 1,4-Dichlorobenzene
 Concen: 38.25 ng
 RT: 6.82 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

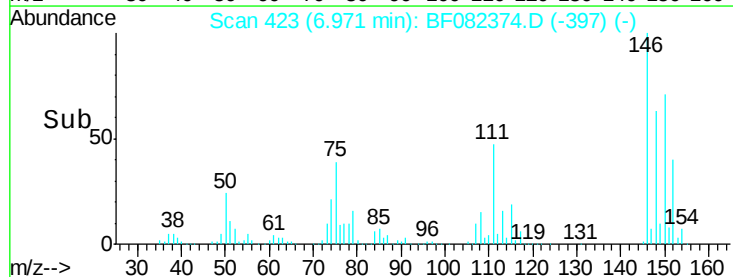
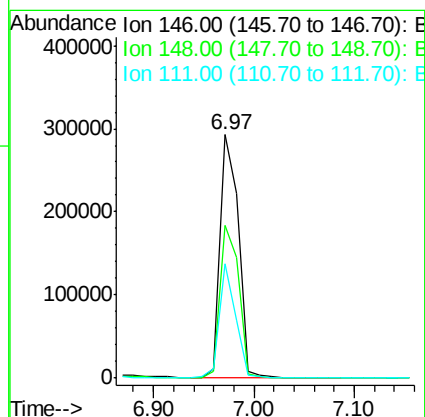
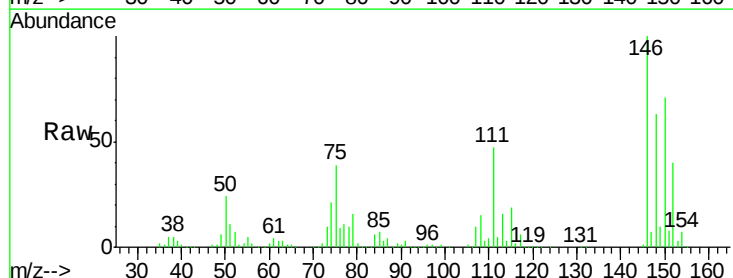
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

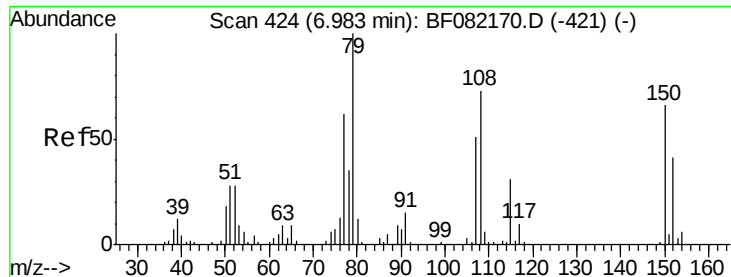
Tot Ion:146 Resp: 447194
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.4
 111 38.6 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 33.27 ng
 RT: 6.97 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:146 Resp: 369353
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.5 75.7
 111 46.9 38.5 57.7

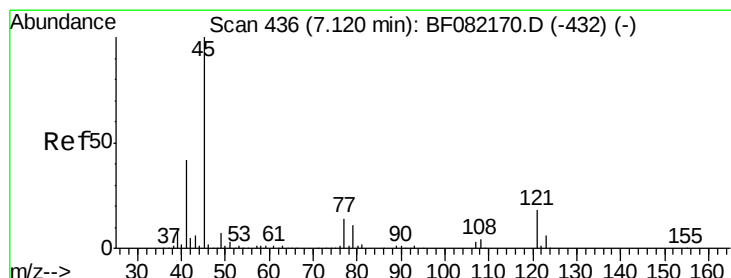
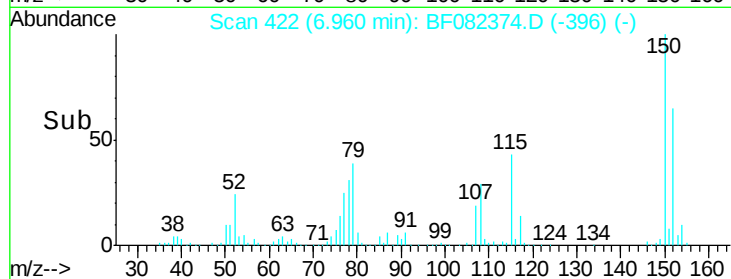
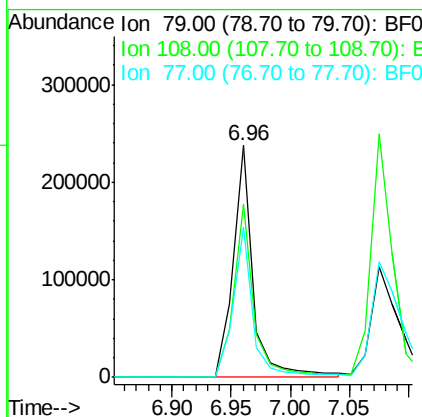
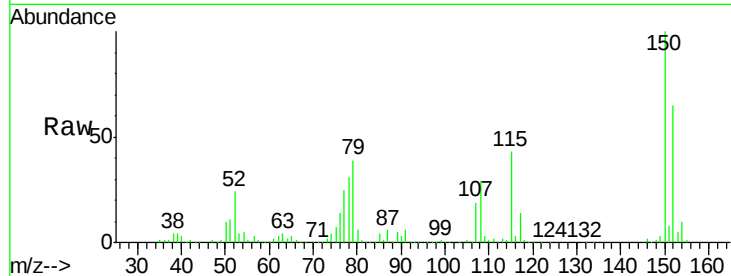




#15
Benzyl Alcohol
Concen: 39.33 ng
RT: 6.96 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

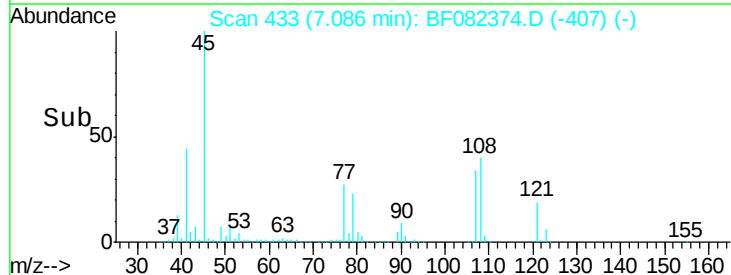
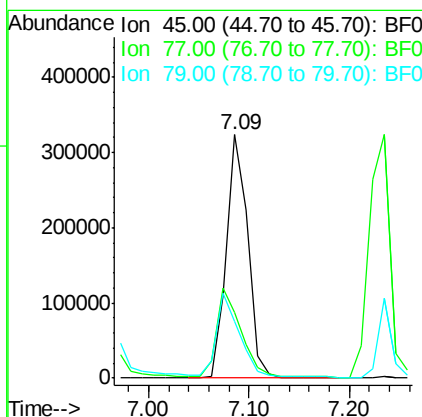
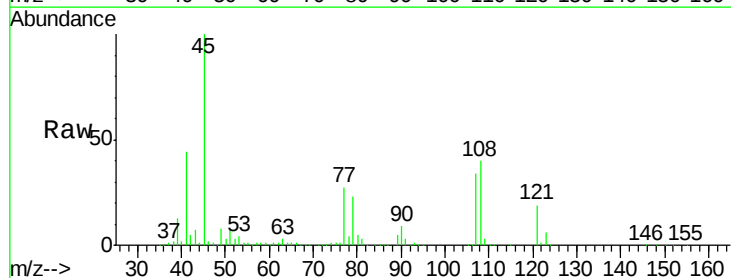
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

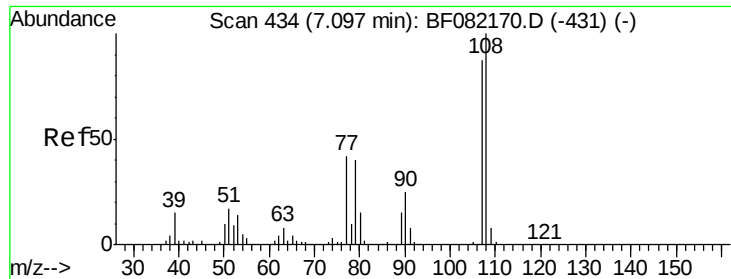
Tot Ion: 79 Resp: 278228
Ion Ratio Lower Upper
79 100
108 74.4 58.4 87.6
77 64.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.26 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion: 45 Resp: 476705
Ion Ratio Lower Upper
45 100
77 27.2 0.0 34.5
79 23.1 0.0 31.6

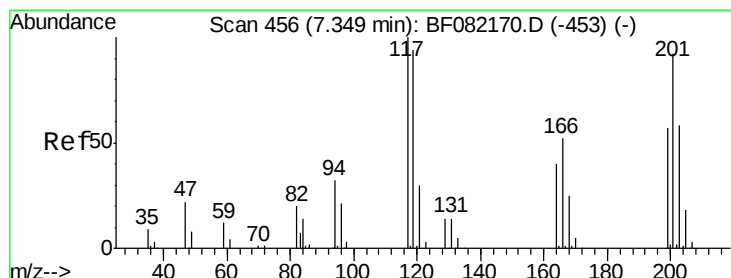
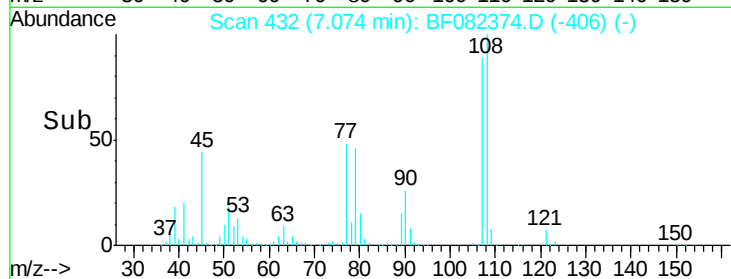
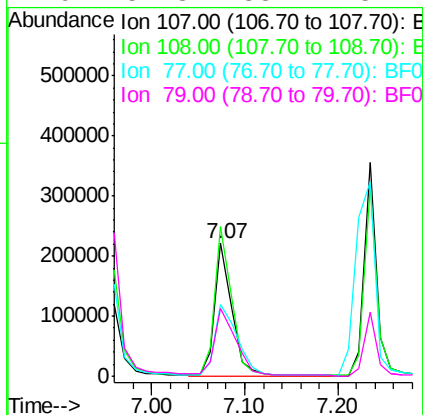
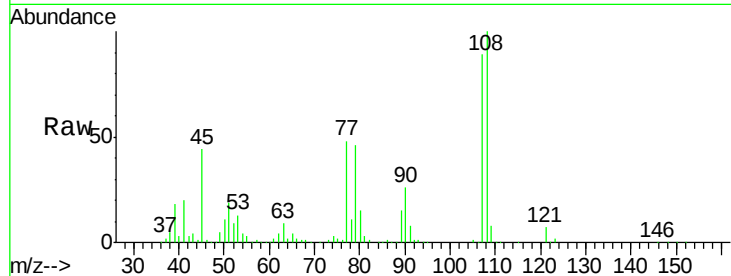




#17
2-Methylphenol
Concen: 37.32 ng
RT: 7.07 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

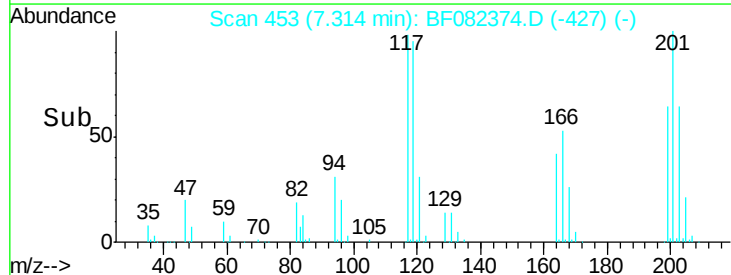
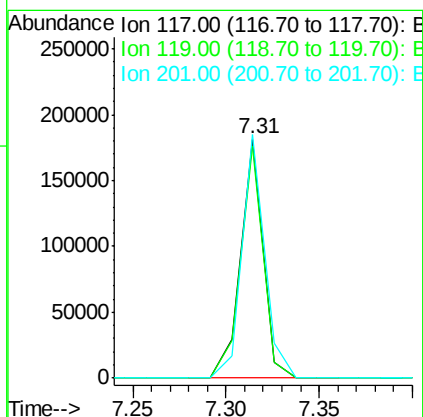
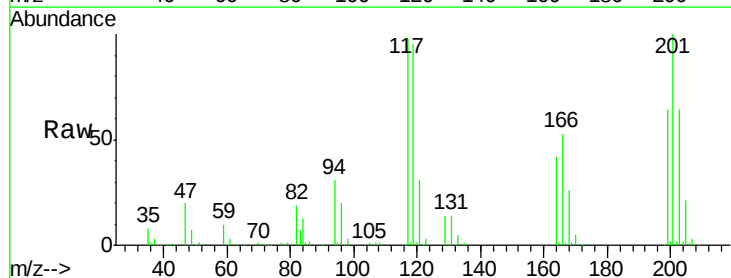
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

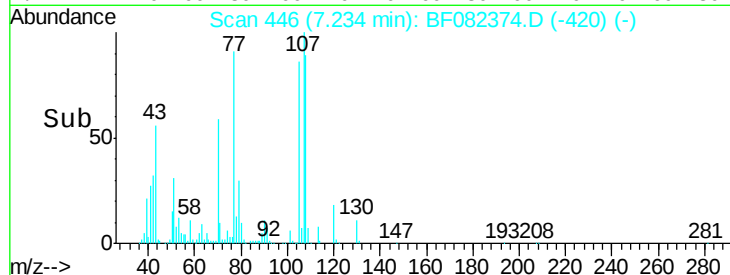
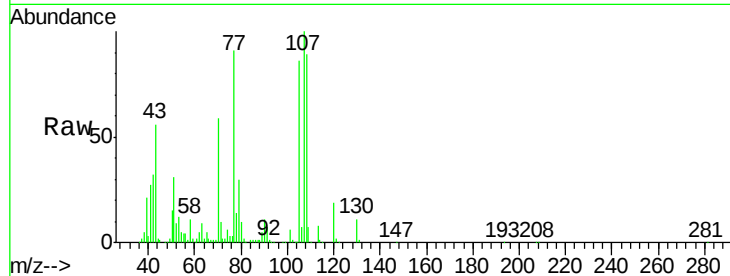
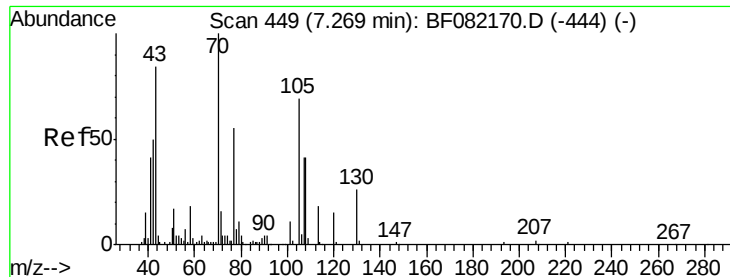
Tot Ion:	107	Resp:	283716
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.2	138.2
77	53.9	39.6	59.4
79	51.3	38.2	57.4



#18
Hexachloroethane
Concen: 38.29 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:	117	Resp:	153236
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.2
201	102.0	73.4	110.0

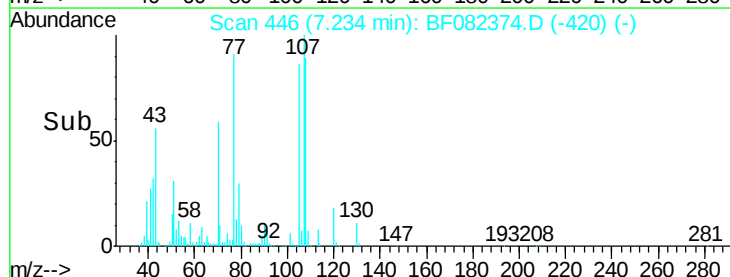
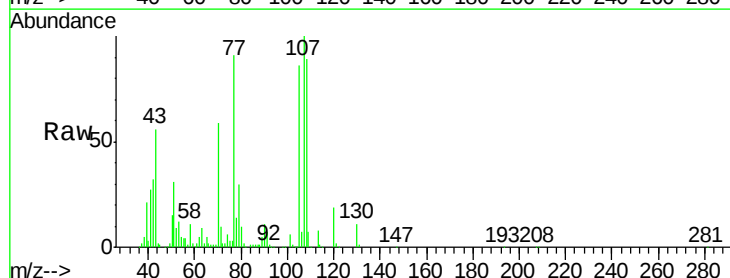
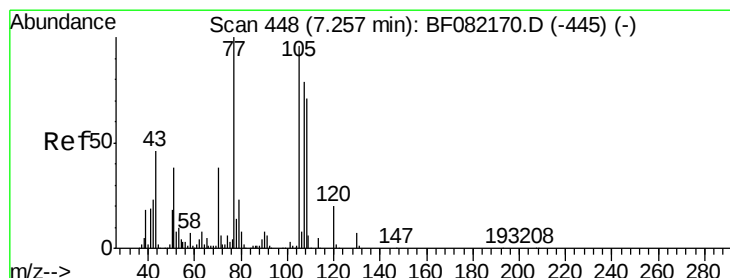
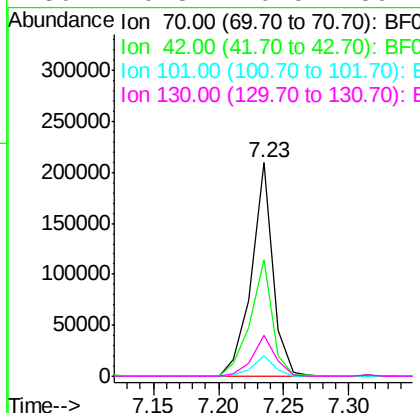




#19
n-Nitroso-di-n-propylamine
Concen: 33.53 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

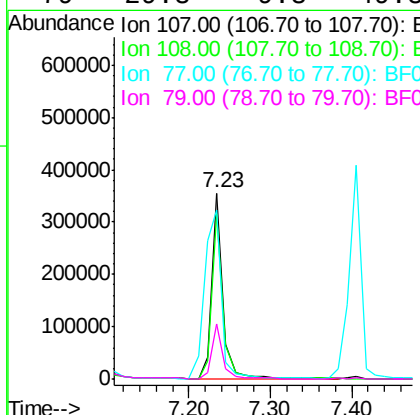
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

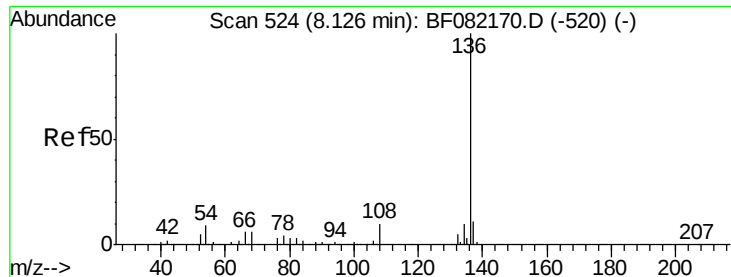
Tot Ion: 70 Resp: 241334
Ion Ratio Lower Upper
70 100
42 54.7 39.8 59.8
101 9.3 8.6 13.0
130 19.3 20.5 30.7#



#20
3+4-Methylphenols
Concen: 37.00 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion: 107 Resp: 335150
Ion Ratio Lower Upper
107 100
108 89.0 69.9 109.9
77 91.1 106.0 146.0#
79 29.8 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 608031

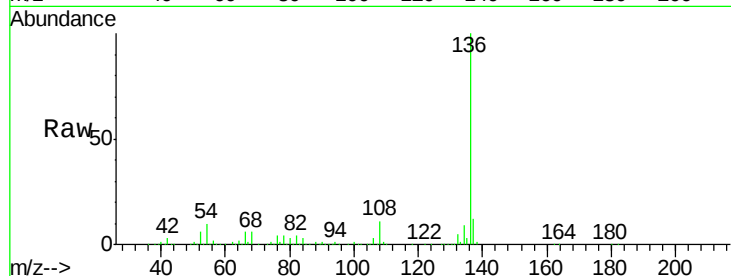
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 10.2 7.5 11.3

68 6.4 4.6 7.0

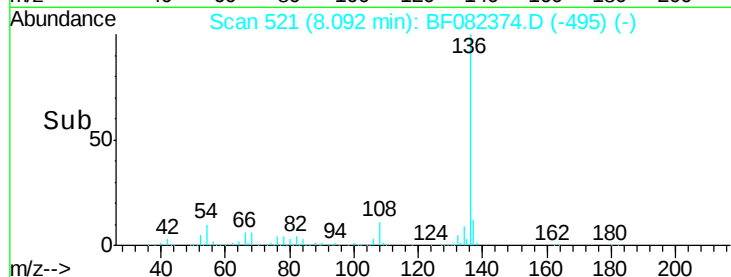


Abundance Ion 136.00 (135.70 to 136.70): E

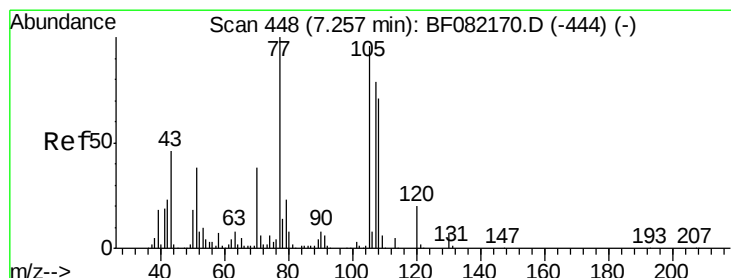
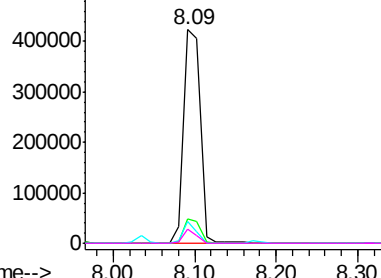
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.16 ng

RT: 7.22 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Tgt Ion:105 Resp: 495075

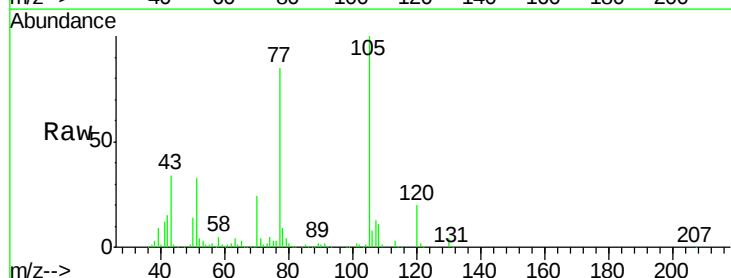
Ion Ratio Lower Upper

105 100

71 4.1 5.4 8.0#

51 32.5 31.8 47.6

120 20.5 16.3 24.5

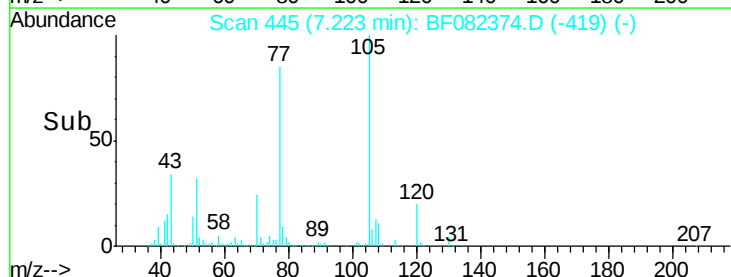


Abundance Ion 105.00 (104.70 to 105.70): E

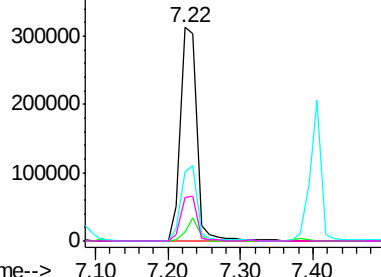
Ion 71.00 (70.70 to 71.70): BF0

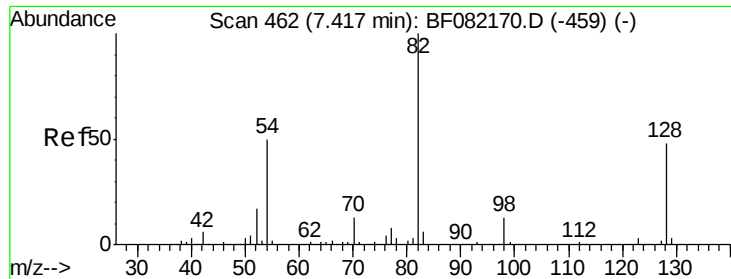
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

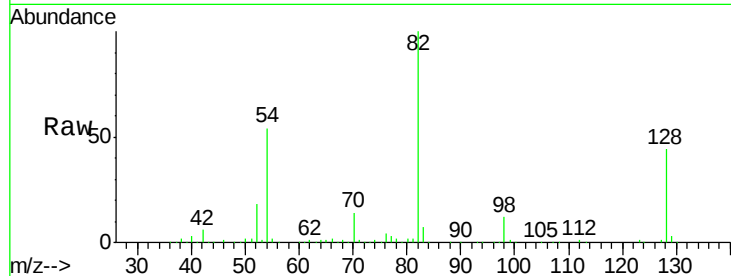




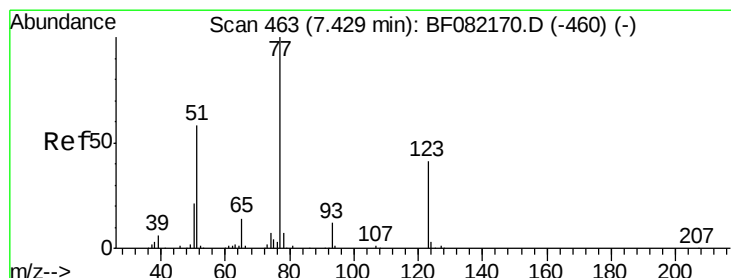
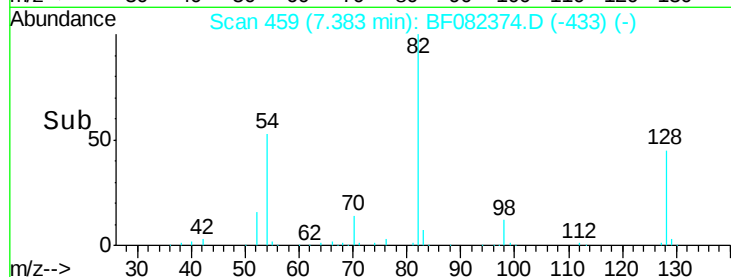
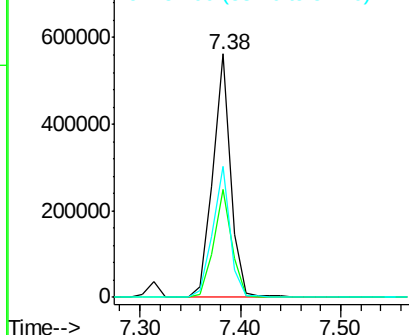
#23
 Nitrobenzene-d5
 Concen: 77.13 ng
 RT: 7.38 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 698313
 Ion Ratio Lower Upper
 82 100
 128 44.5 38.7 58.1
 54 54.0 40.1 60.1

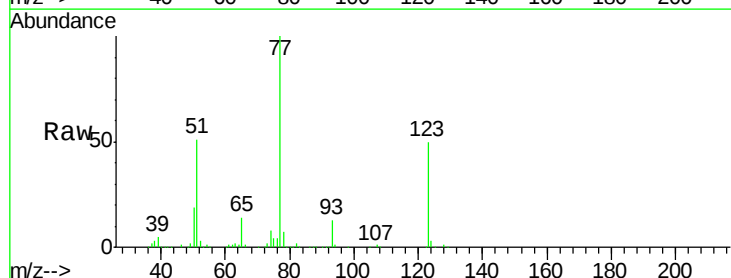


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

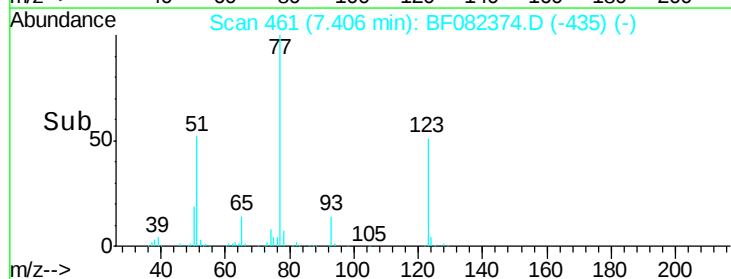
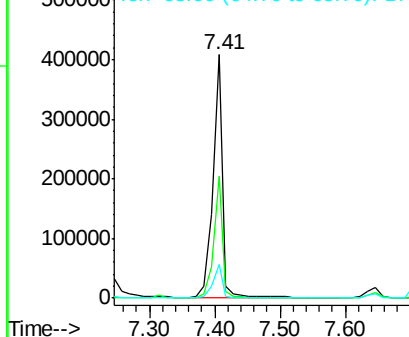


#24
 Nitrobenzene
 Concen: 42.62 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion: 77 Resp: 417729
 Ion Ratio Lower Upper
 77 100
 123 50.1 33.0 49.4#
 65 13.8 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.04 ng

RT: 7.65 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

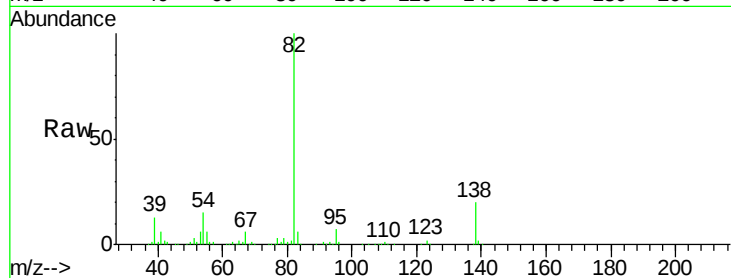
Tot Ion: 82 Resp: 731699

Ion Ratio Lower Upper

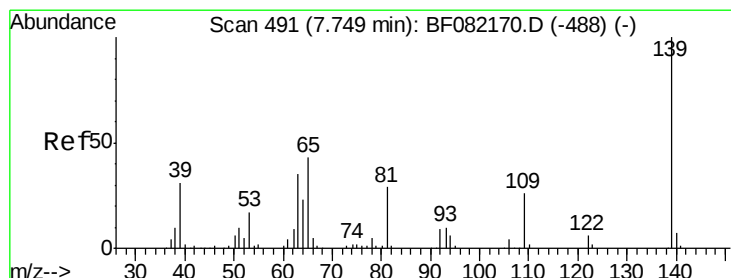
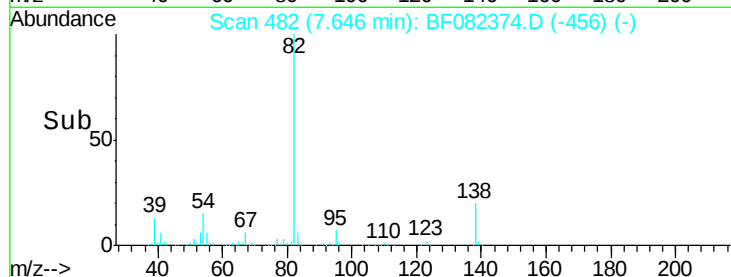
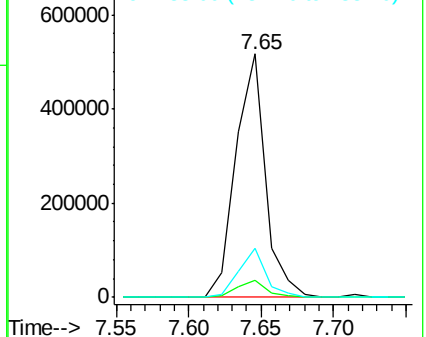
82 100

95 7.2 5.6 8.4

138 20.3 13.6 20.4



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



#26

2-Nitrophenol

Concen: 41.19 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

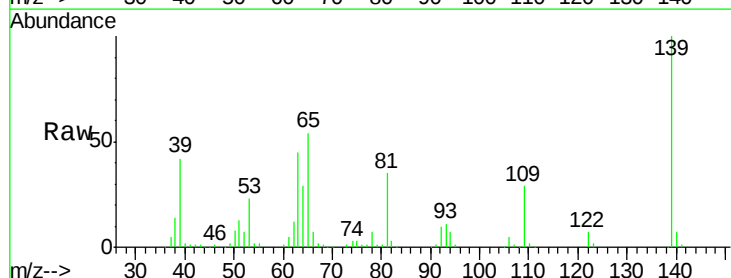
Tgt Ion: 139 Resp: 201582

Ion Ratio Lower Upper

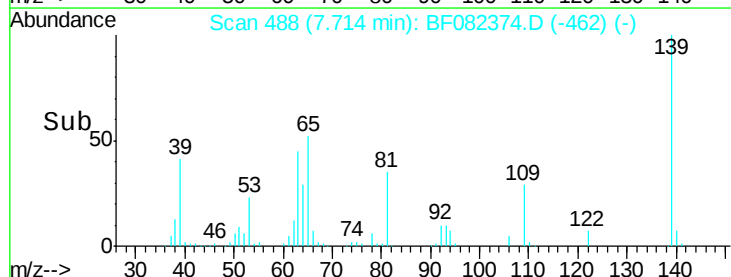
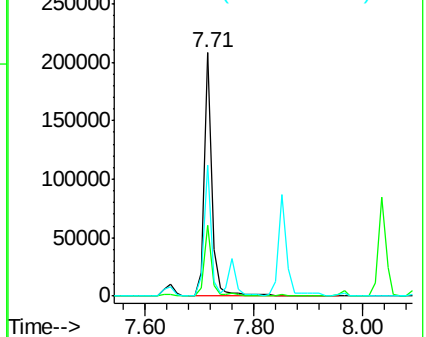
139 100

109 29.2 20.6 31.0

65 53.7 34.3 51.5#



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





#27

2,4-Dimethylphenol

Concen: 39.18 ng

RT: 7.76 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

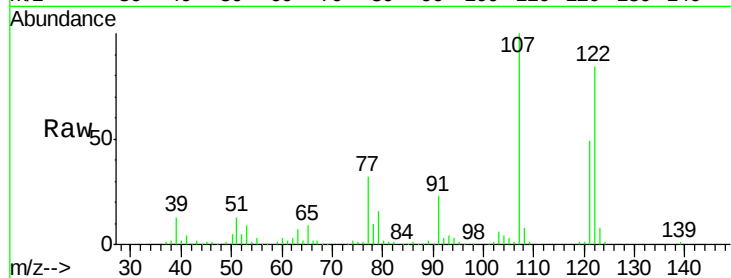
Tot Ion:122 Resp: 308900

Ion Ratio Lower Upper

122 100

107 119.3 94.0 141.0

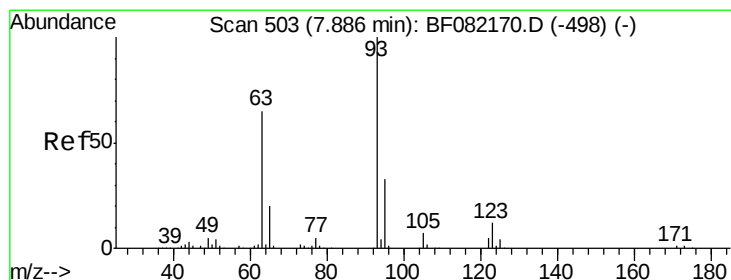
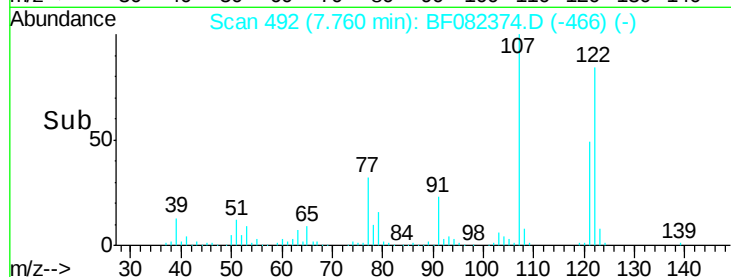
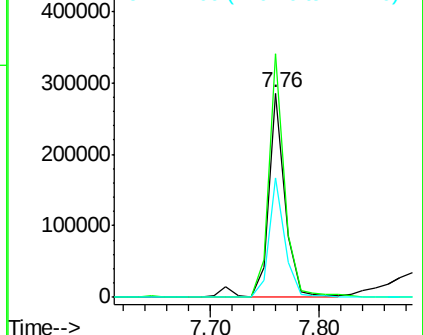
121 58.6 46.8 70.2



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: 38.23 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

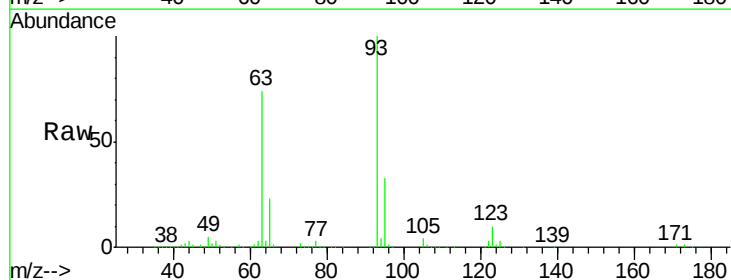
Tgt Ion: 93 Resp: 406505

Ion Ratio Lower Upper

93 100

95 32.9 26.6 39.8

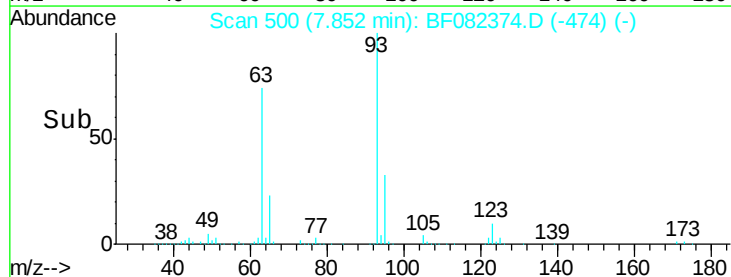
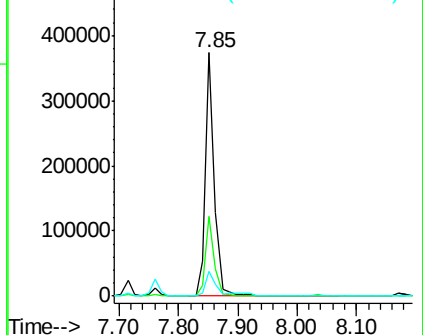
123 10.4 9.5 14.3

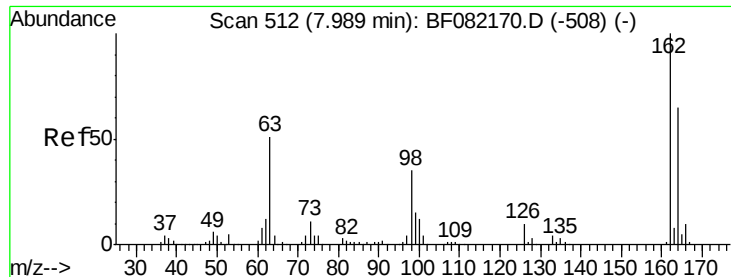


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

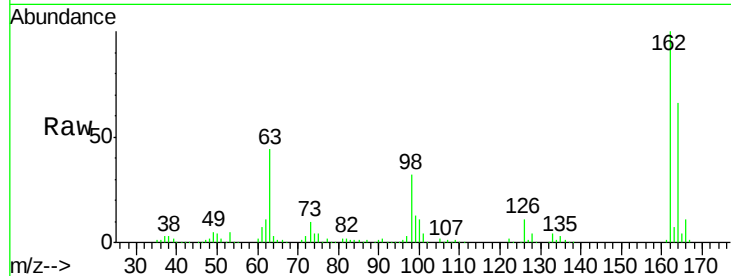




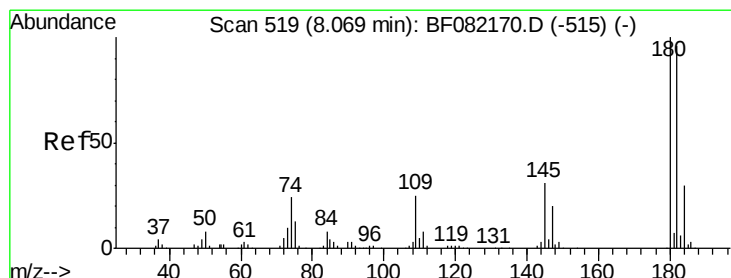
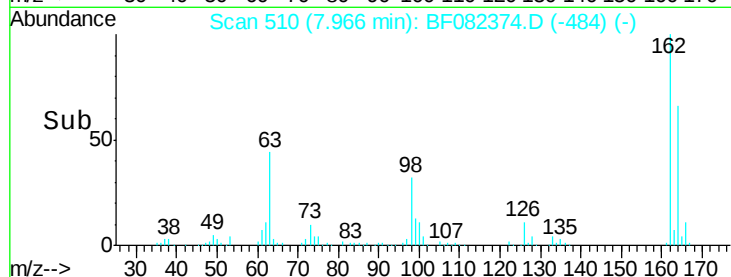
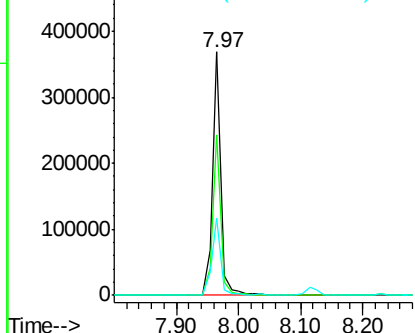
#29
 2,4-Dichlorophenol
 Concen: 43.16 ng
 RT: 7.97 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.6	84.6
98	31.6	15.0	55.0

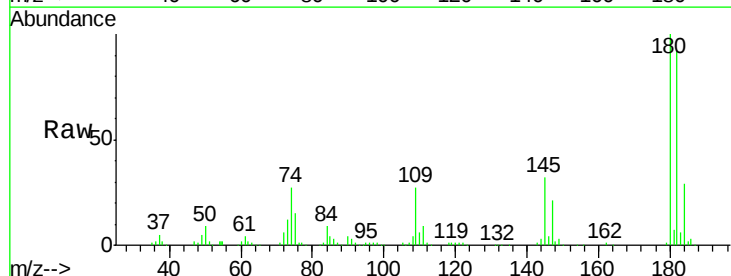


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

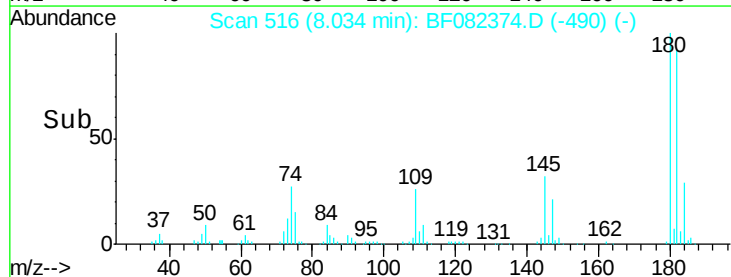
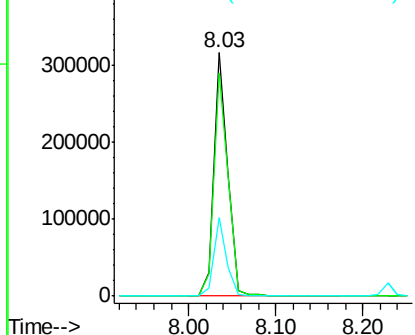


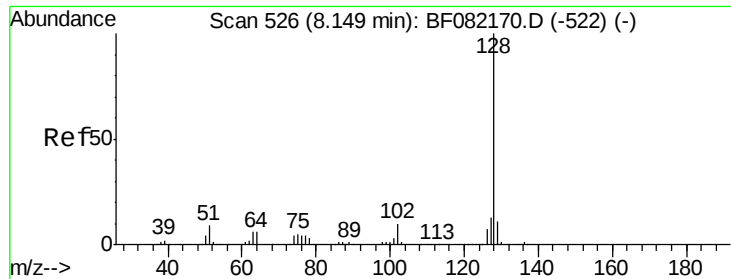
#30
 1,2,4-Trichlorobenzene
 Concen: 39.11 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.0	115.4
145	32.3	25.0	37.4



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

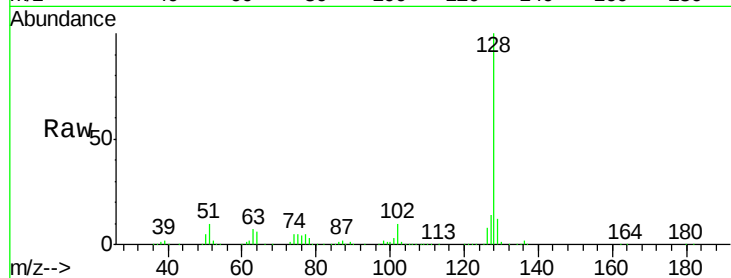




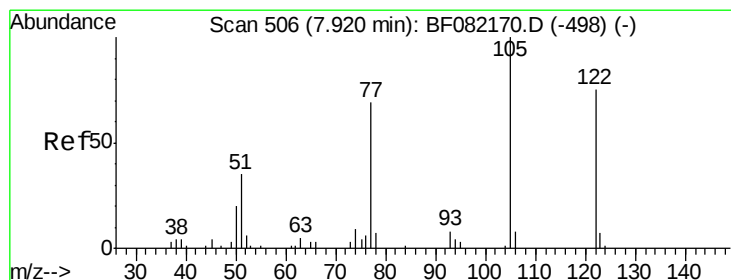
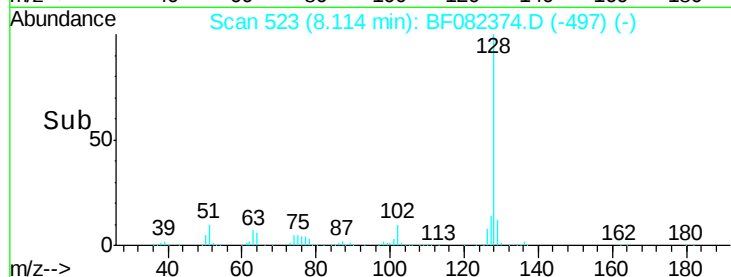
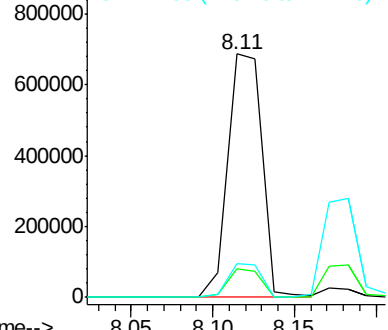
#31
Naphthalene
Concen: 37.96 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1000526
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.7 10.7 16.1

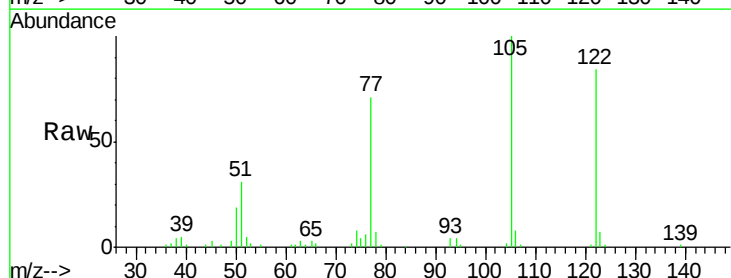


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

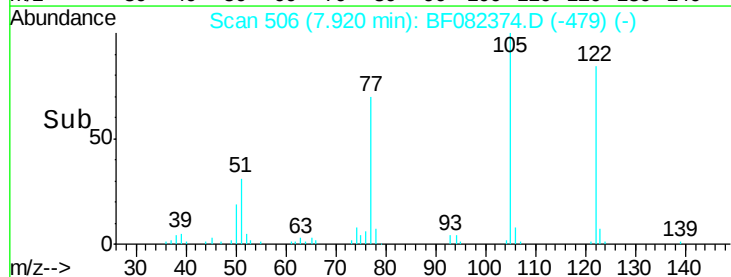
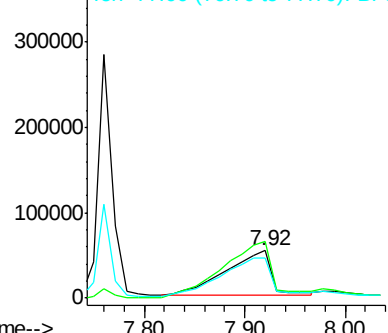


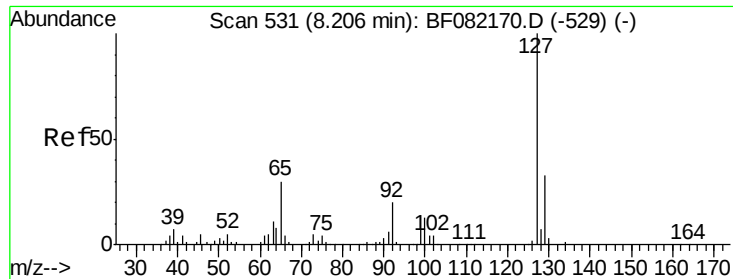
#32
Benzoic acid
Concen: 31.72 ng
RT: 7.92 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:122 Resp: 167845
Ion Ratio Lower Upper
122 100
105 119.3 104.4 144.4
77 84.6 69.0 109.0



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

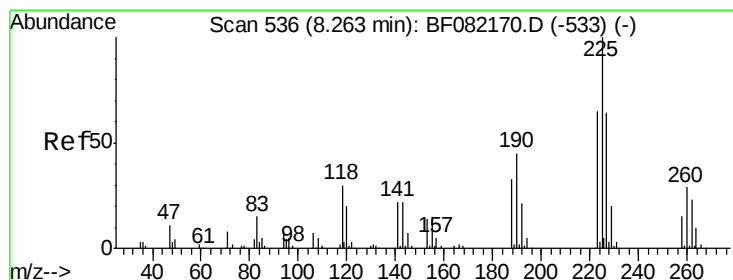
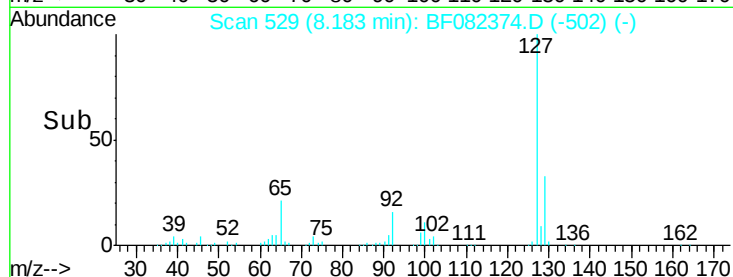
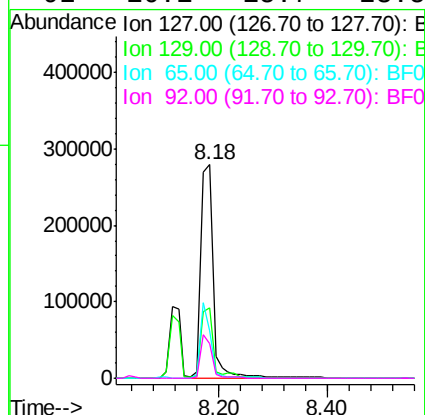
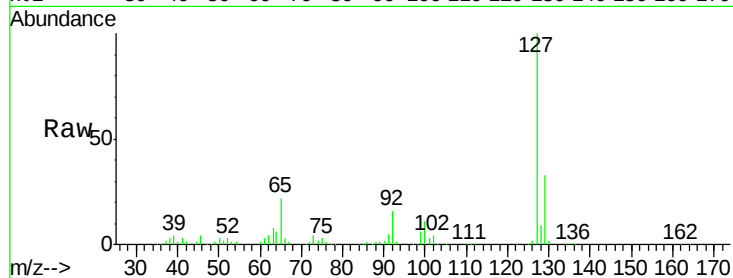




#33
4-Chloroaniline
Concen: 39.75 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

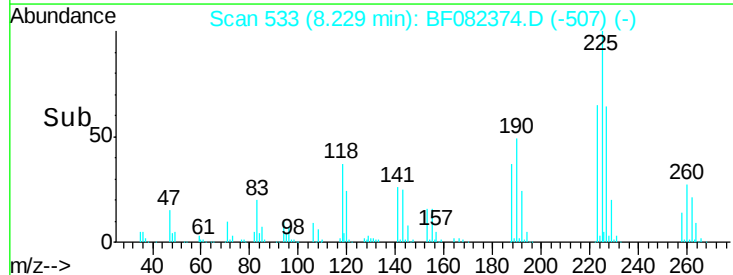
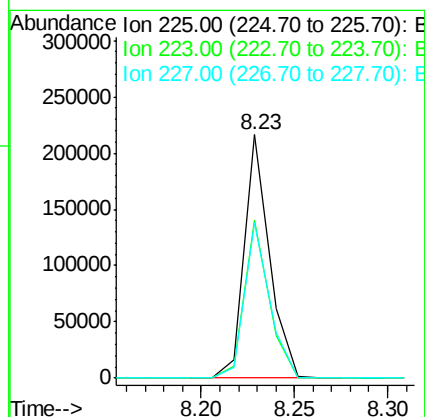
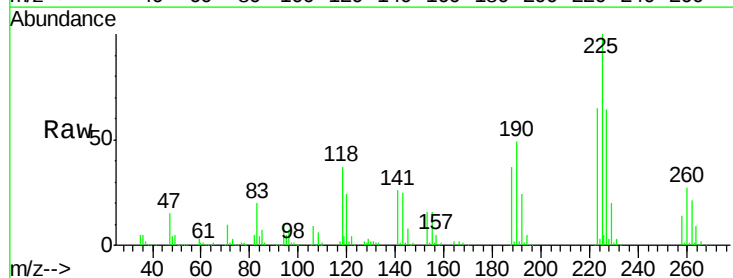
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

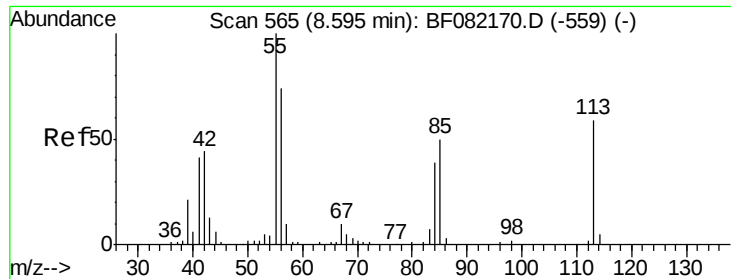
Tot Ion:	127	Resp:	435121
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	22.2	24.4	36.6
92	16.1	15.7	23.5



#34
Hexachlorobutadiene
Concen: 35.80 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:	225	Resp:	202664
Ion	Ratio	Lower	Upper
225	100		
223	64.6	52.2	78.2
227	63.6	51.3	76.9





#35

Caprolactam

Concen: 43.73 ng

RT: 8.58 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

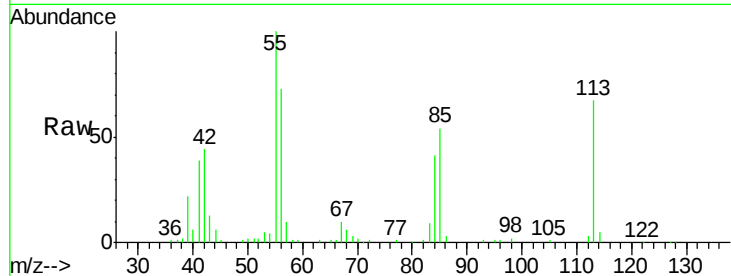
Tot Ion:113 Resp: 100029

Ion Ratio Lower Upper

113 100

55 150.2 149.7 189.7

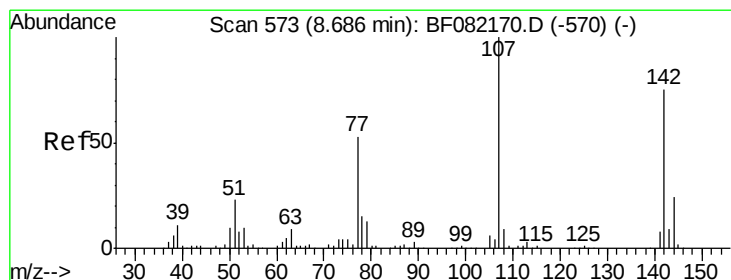
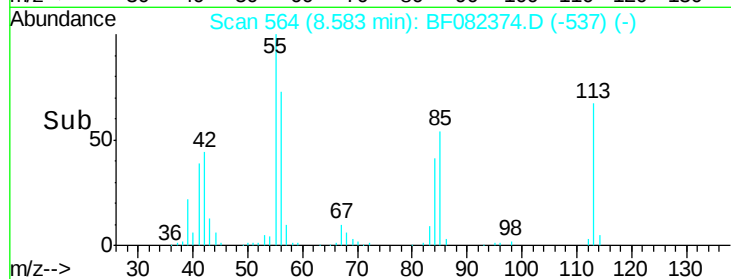
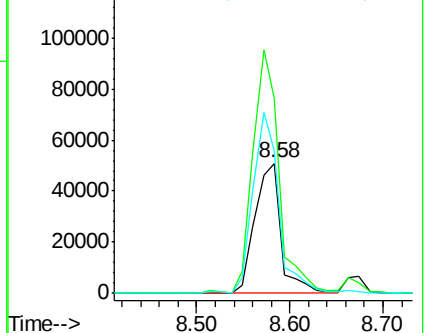
56 110.0 105.4 145.4



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: 41.70 ng

RT: 8.67 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

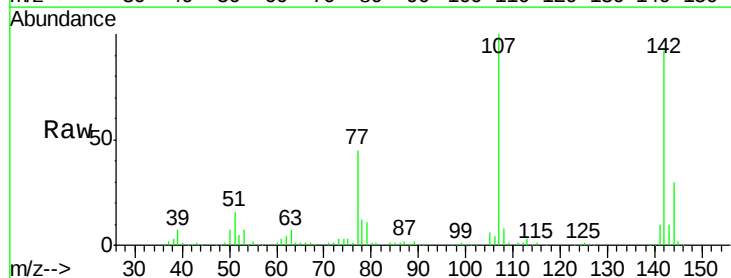
Tgt Ion:107 Resp: 321420

Ion Ratio Lower Upper

107 100

144 30.2 19.3 28.9#

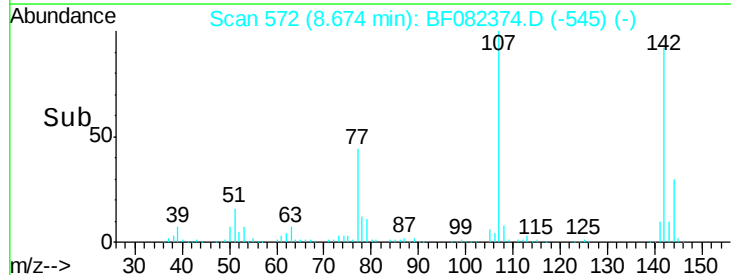
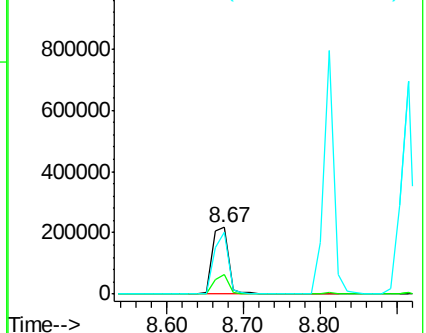
142 92.1 59.9 89.9#

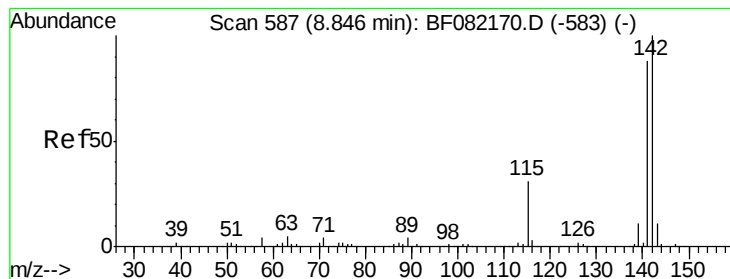


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.20 ng

RT: 8.81 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

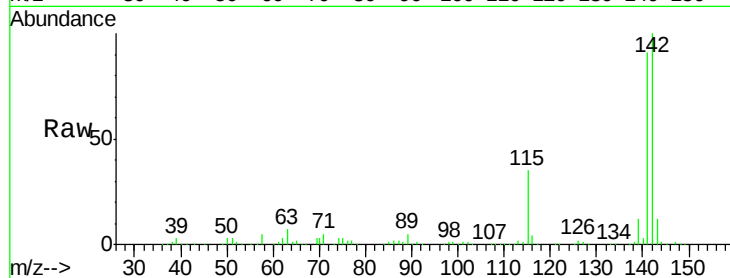
Tot Ion:142 Resp: 716211

Ion Ratio Lower Upper

142 100

141 90.6 70.4 105.6

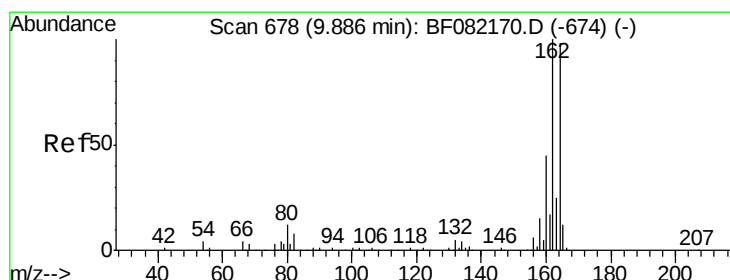
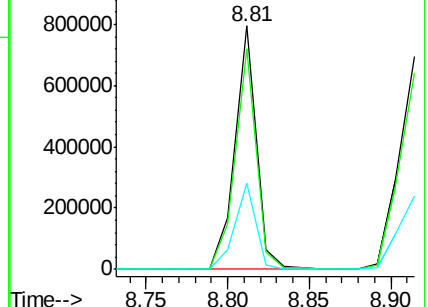
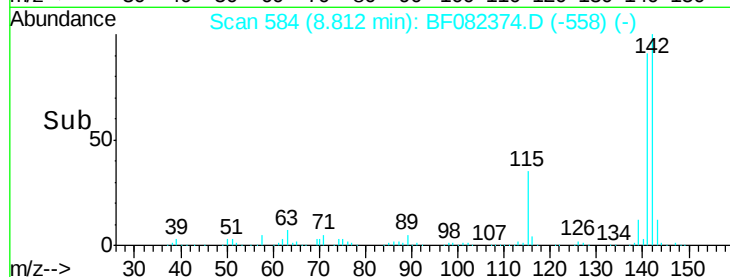
115 35.5 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

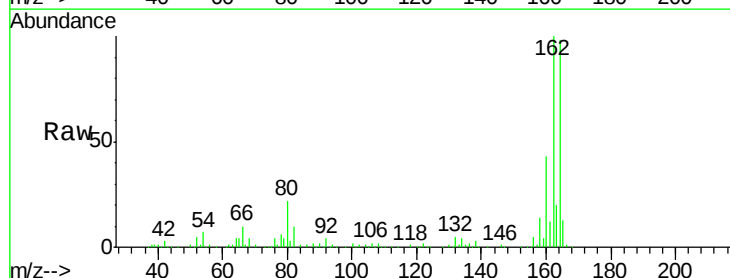
Tgt Ion:164 Resp: 309021

Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

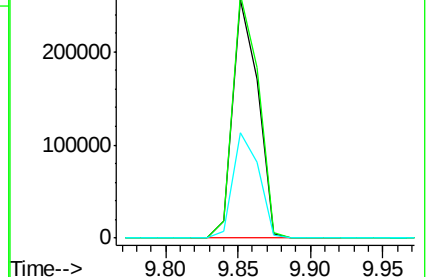
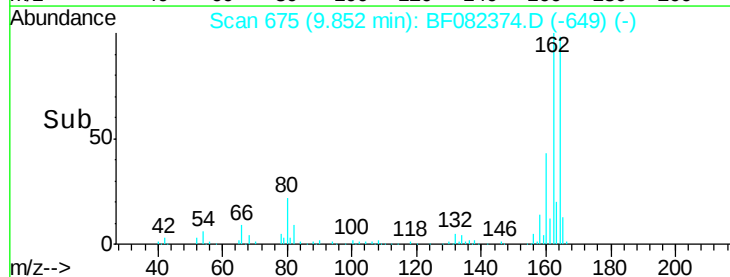
160 44.3 36.4 54.6

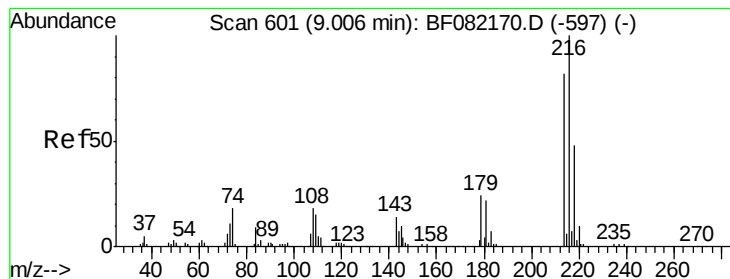


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.15 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 359812

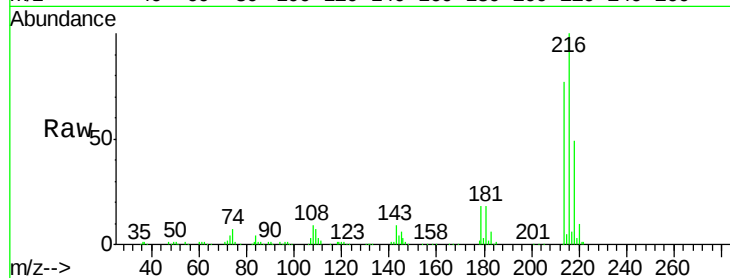
Ion Ratio Lower Upper

216 100

214 78.9 64.6 97.0

179 21.0 17.6 26.4

108 16.1 14.5 21.7

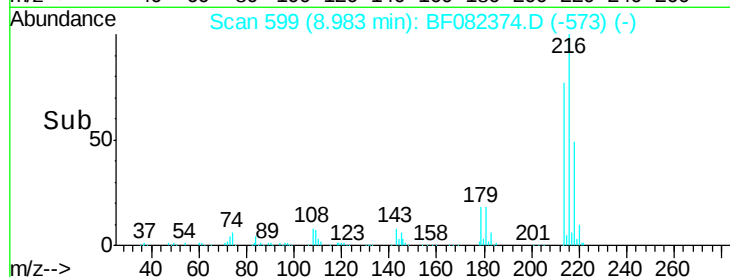


Abundance Ion 216.00 (215.70 to 216.70): E

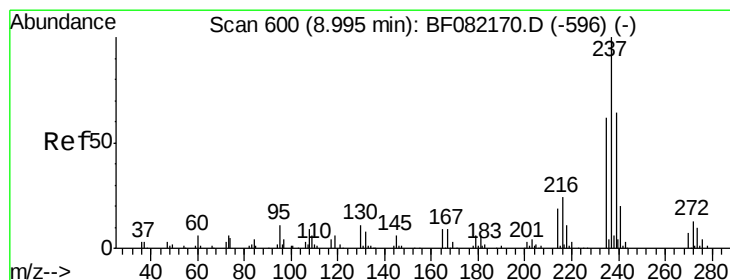
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 32.15 ng

RT: 8.96 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

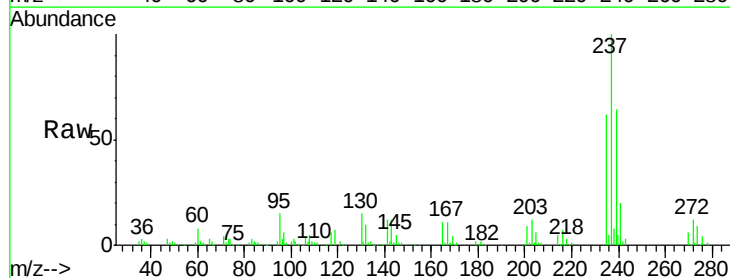
Tgt Ion:237 Resp: 123765

Ion Ratio Lower Upper

237 100

235 61.8 41.7 81.7

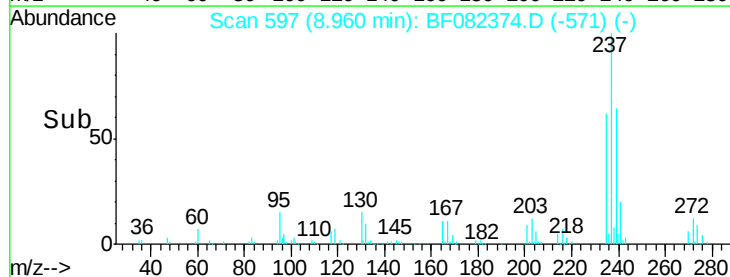
272 11.7 0.0 32.8



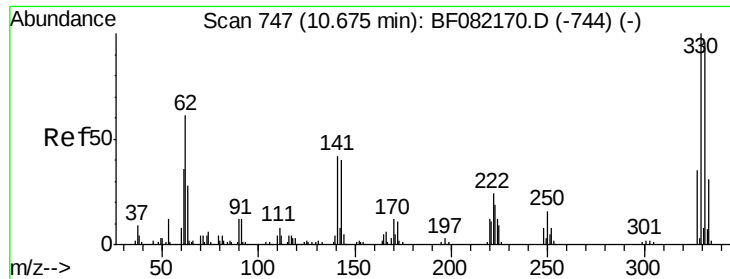
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



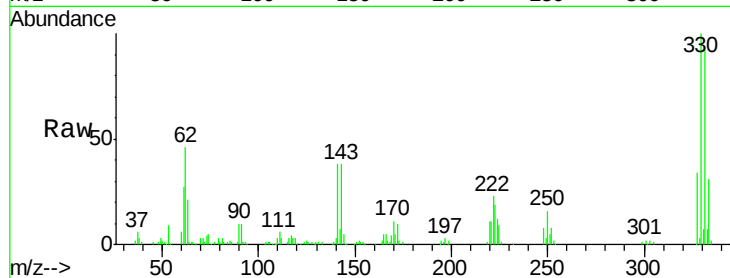
Time-->



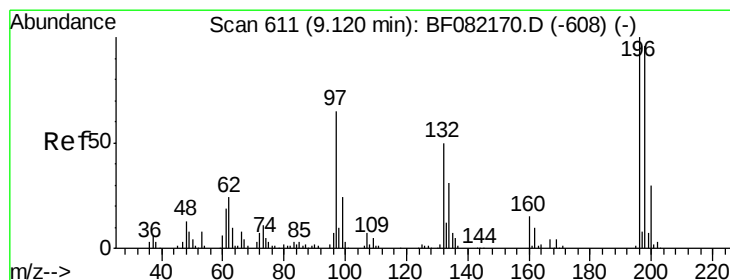
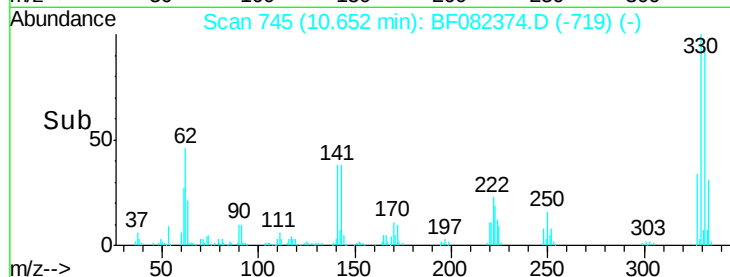
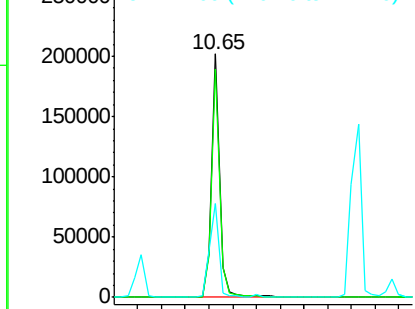
#41
 2,4,6-Tribromophenol
 Concen: 66.28 ng
 RT: 10.65 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 192085
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.1 115.7
 141 44.7 29.8 44.8

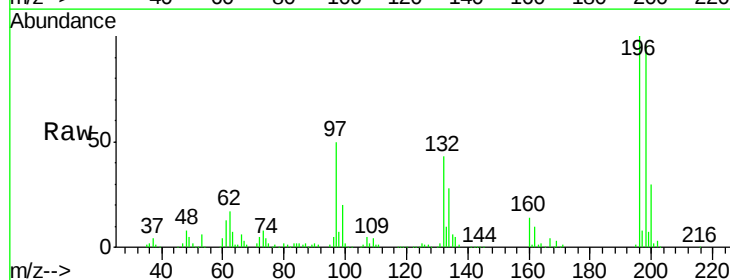


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

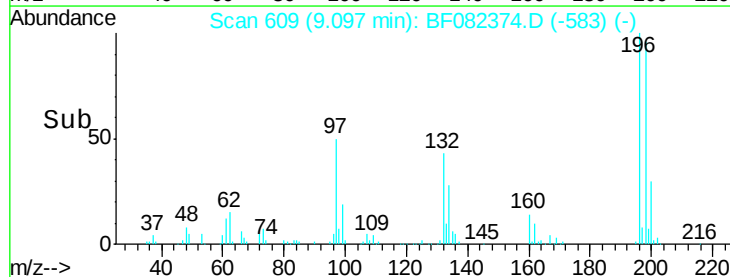
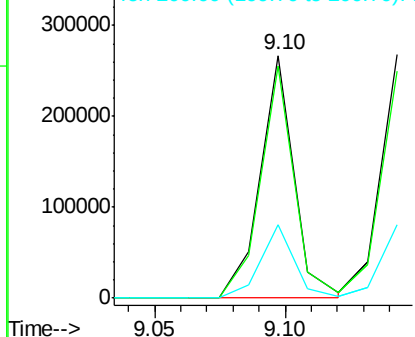


#42
 2,4,6-Trichlorophenol
 Concen: 39.68 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:196 Resp: 242212
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.6 115.0
 200 30.0 23.7 35.5



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

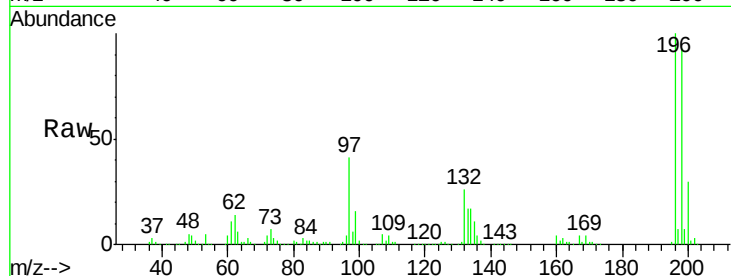




#43
 2,4,5-Trichlorophenol
 Concen: 39.46 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	93.2	77.0	115.4	
97	41.4	31.9	47.9	
132	26.4	20.3	30.5	



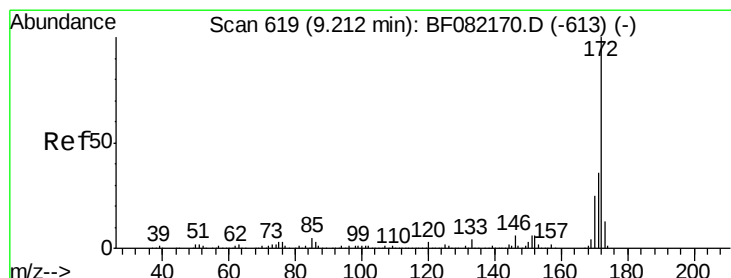
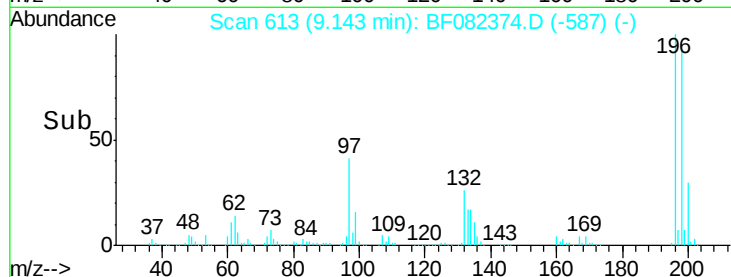
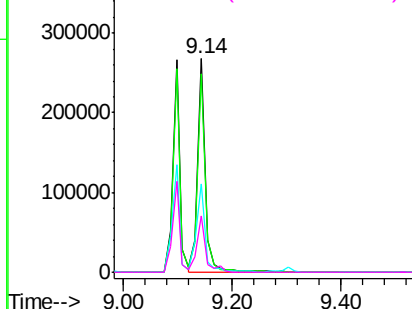
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

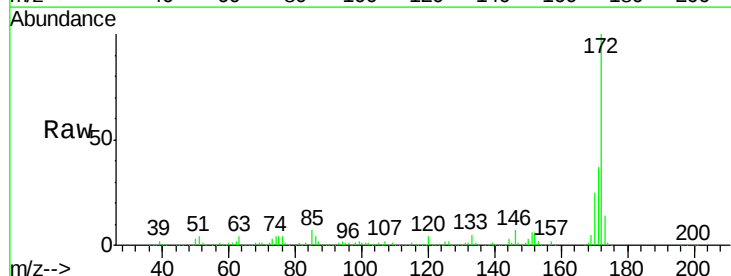
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.48 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.4	28.6	42.8	
170	25.5	19.7	29.5	

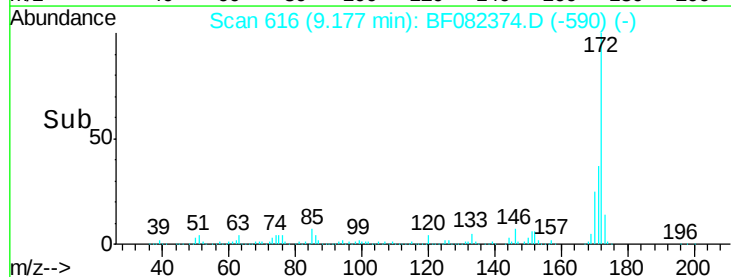
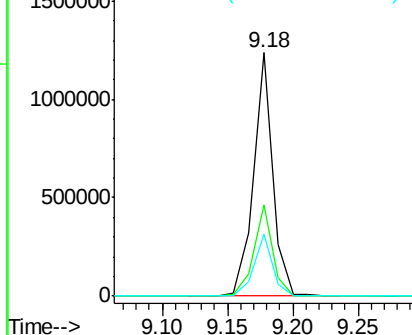


Abundance

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

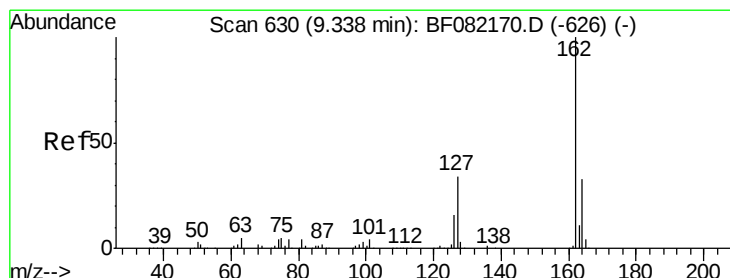
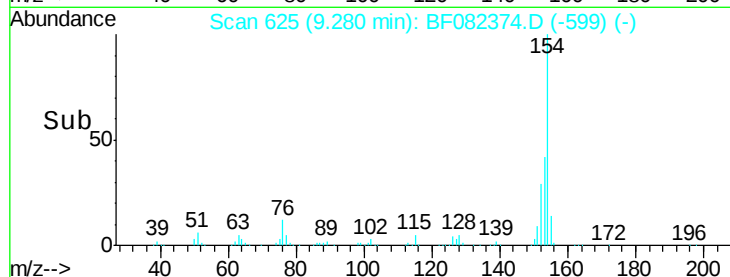
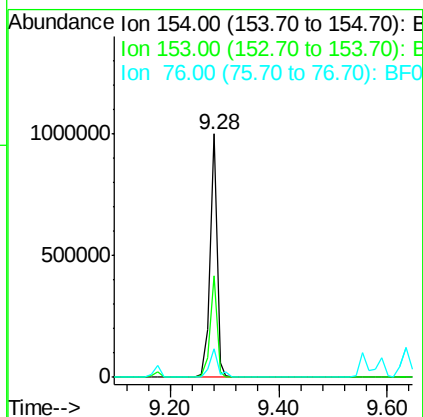
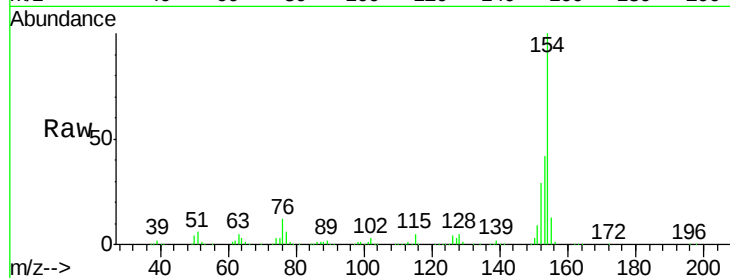




#45
 1,1'-Biphenyl
 Concen: 37.75 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

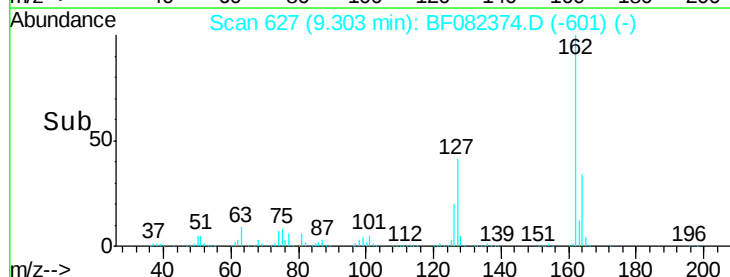
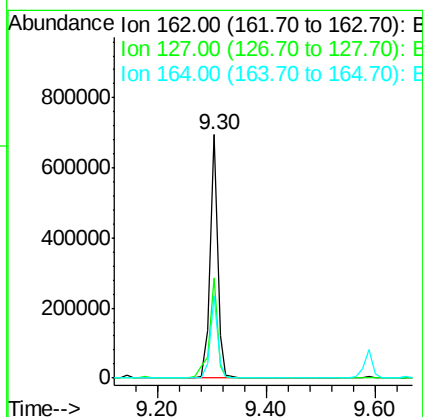
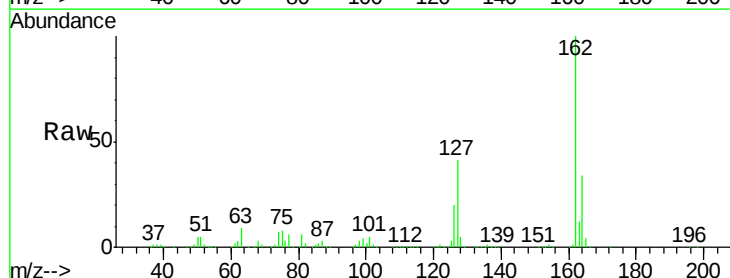
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

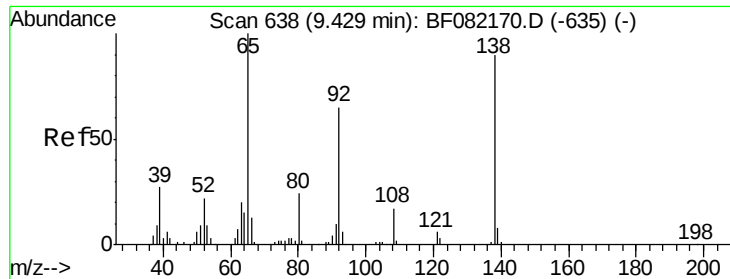
Tot Ion:154 Resp: 889470
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.6 60.6
 76 11.7 0.0 35.2



#46
 2-Chloronaphthalene
 Concen: 36.36 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:162 Resp: 674500
 Ion Ratio Lower Upper
 162 100
 127 41.0 27.5 41.3
 164 33.7 26.6 39.8

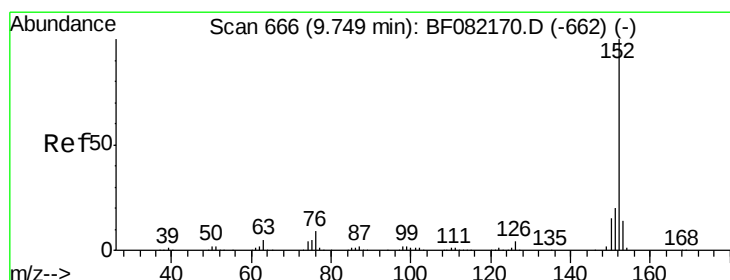
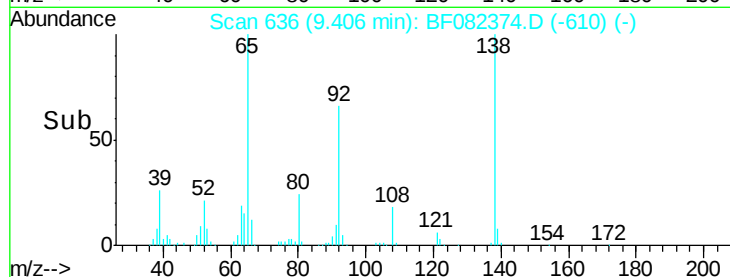
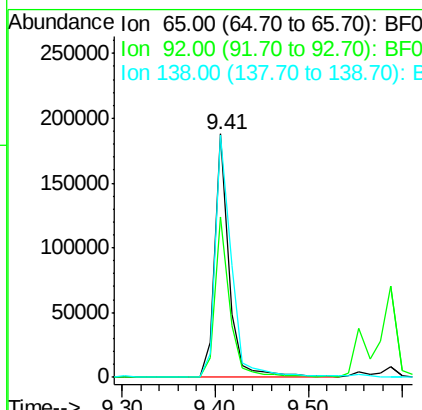
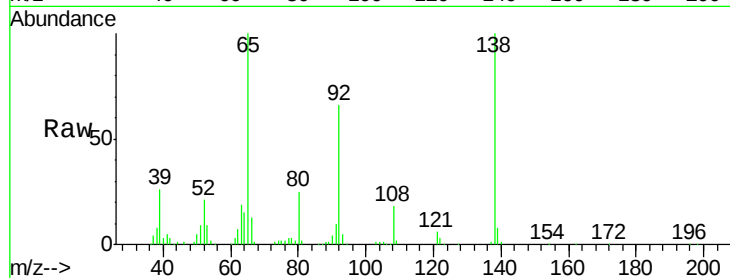




#47
2-Nitroaniline
Concen: 39.75 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

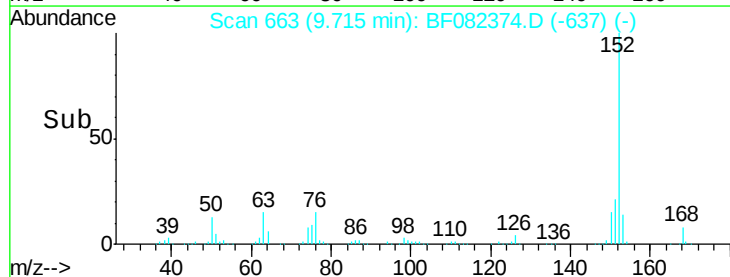
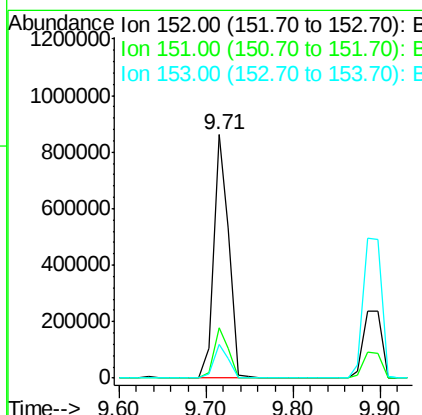
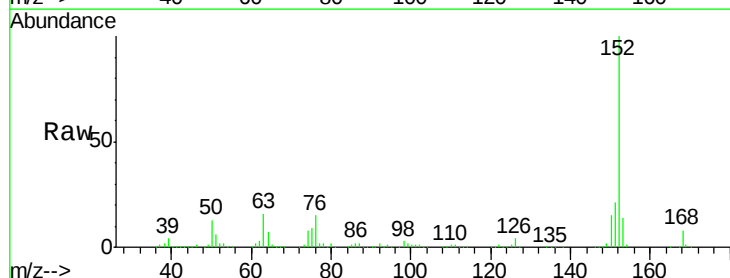
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

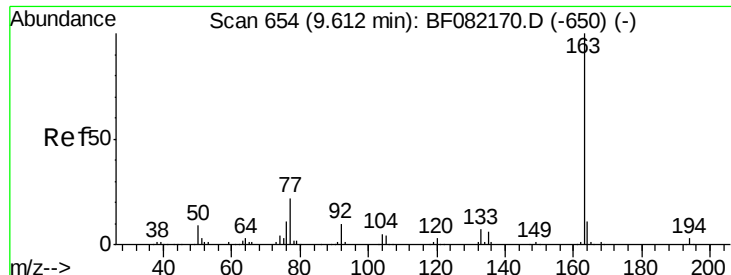
Tot Ion: 65 Resp: 202449
Ion Ratio Lower Upper
65 100
92 66.1 52.3 78.5
138 99.7 72.2 108.4



#48
Acenaphthylene
Concen: 36.20 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion: 152 Resp: 1046122
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 37.42 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

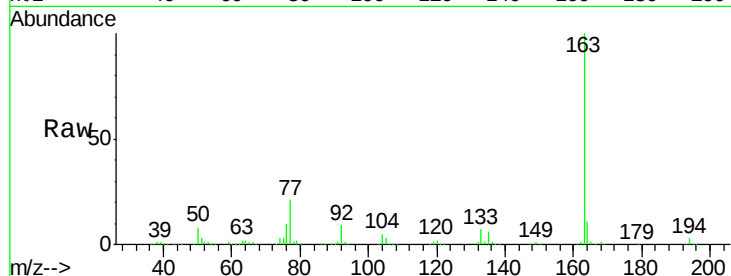
Tot Ion:163 Resp: 814304

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

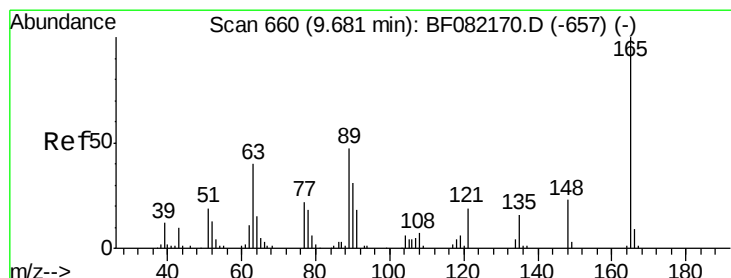
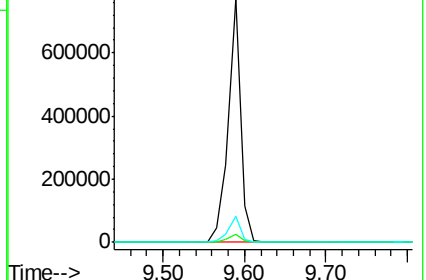
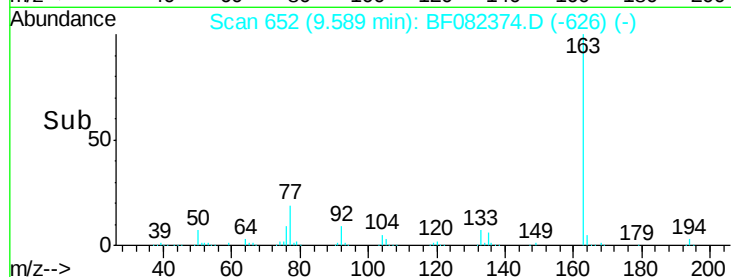
164 10.6 8.5 12.7



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: 44.88 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

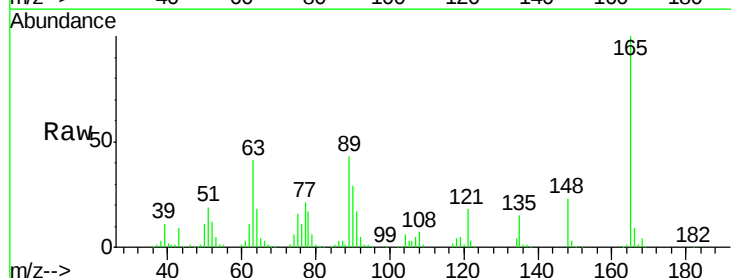
Tgt Ion:165 Resp: 206060

Ion Ratio Lower Upper

165 100

63 41.3 36.7 55.1

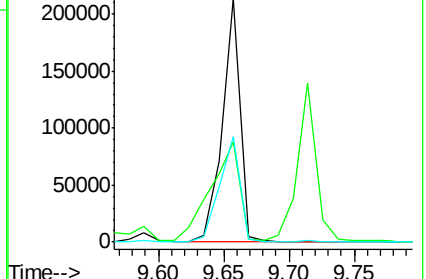
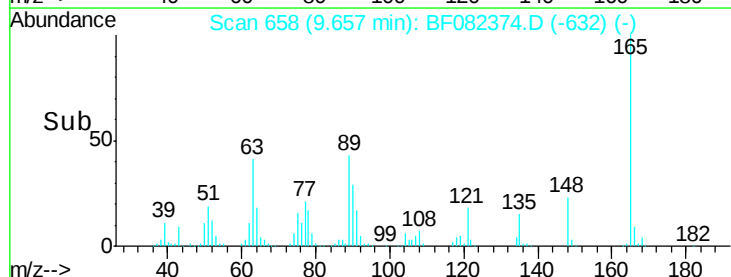
89 43.4 37.8 56.6

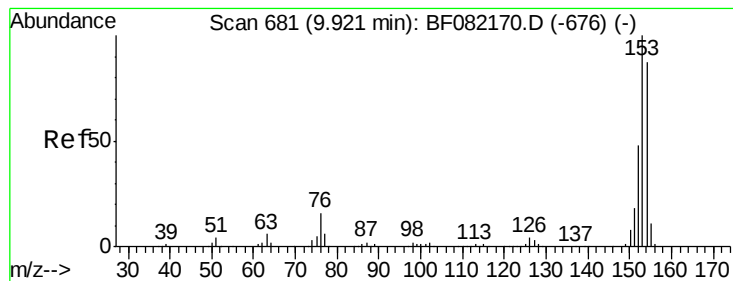


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.35 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

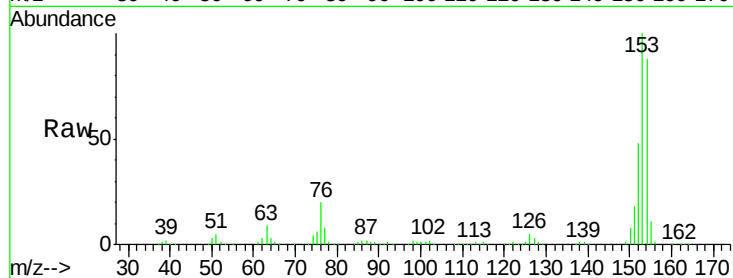
Tot Ion:154 Resp: 630583

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

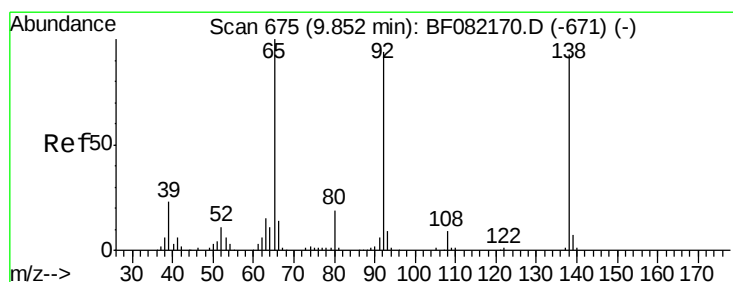
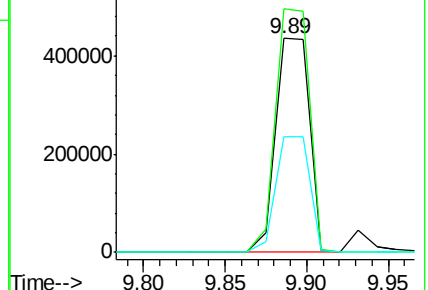
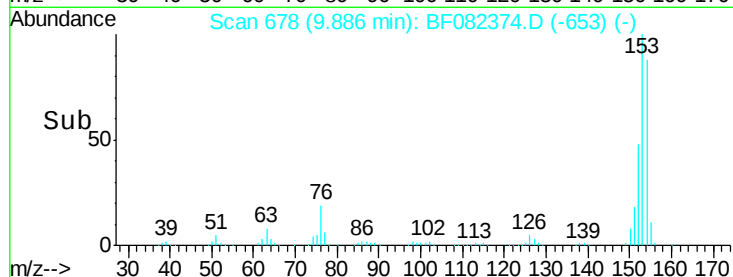
152 54.3 44.3 66.5



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: 42.07 ng

RT: 9.83 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

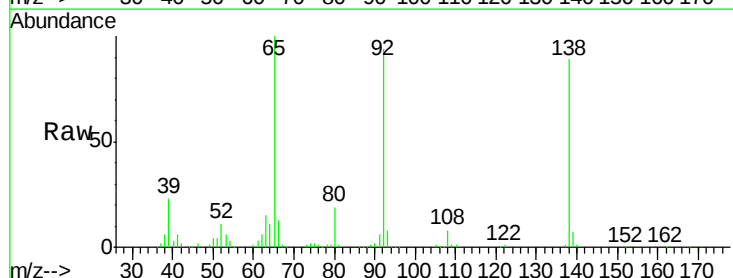
Tgt Ion:138 Resp: 218169

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

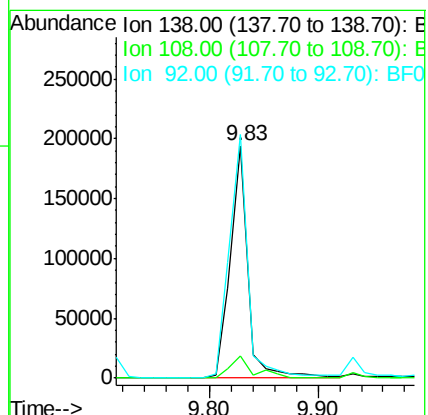
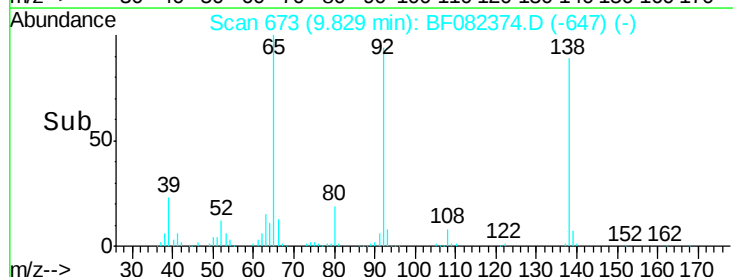
92 104.8 81.3 121.9



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

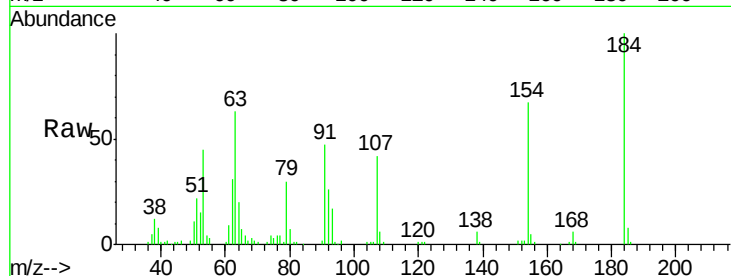




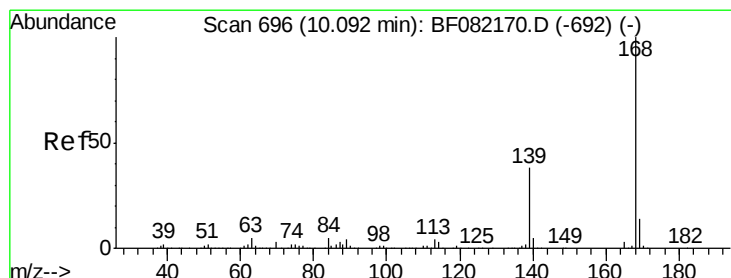
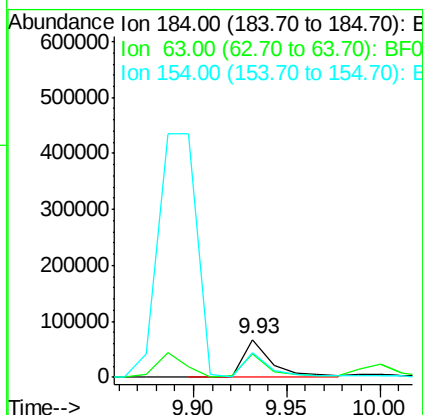
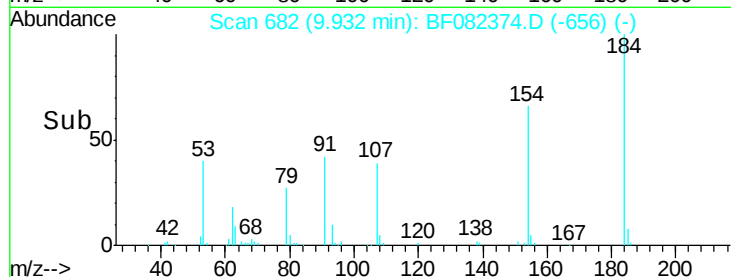
#53
2,4-Dinitrophenol
Concen: 32.50 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 72804
Ion Ratio Lower Upper
184 100
63 63.3 45.1 67.7
154 66.6 51.2 76.8

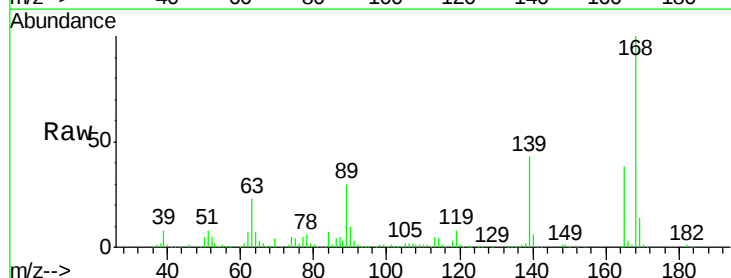


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

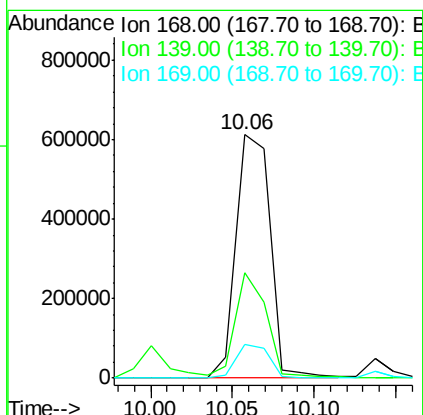
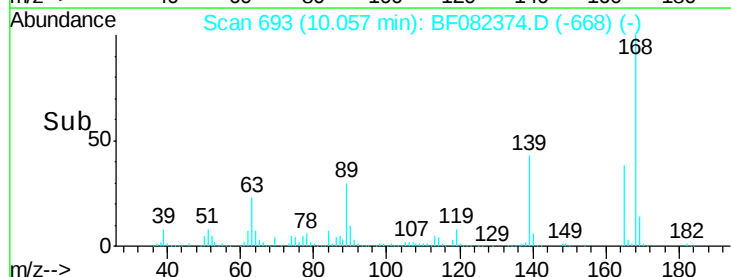


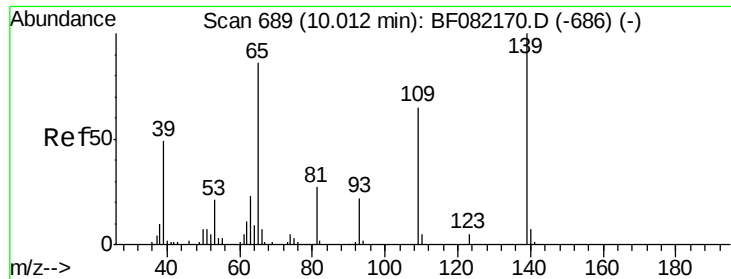
#54
Dibenzofuran
Concen: 37.01 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:168 Resp: 881482
Ion Ratio Lower Upper
168 100
139 43.3 31.0 46.6
169 13.9 10.9 16.3



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

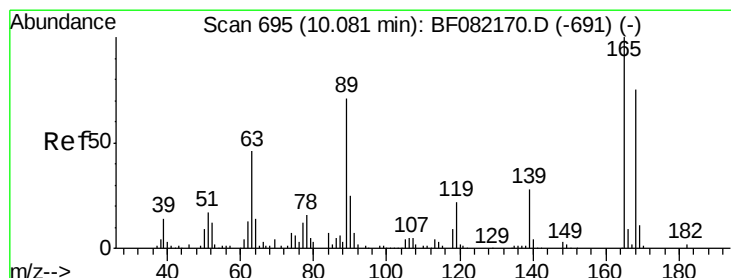
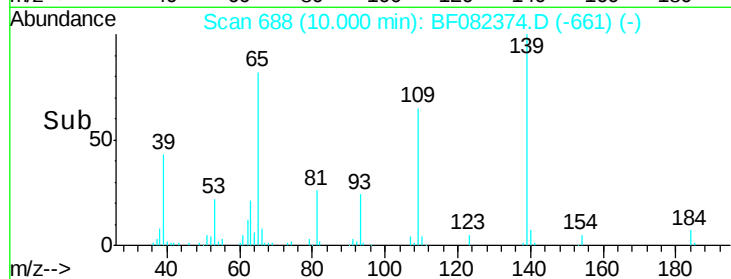
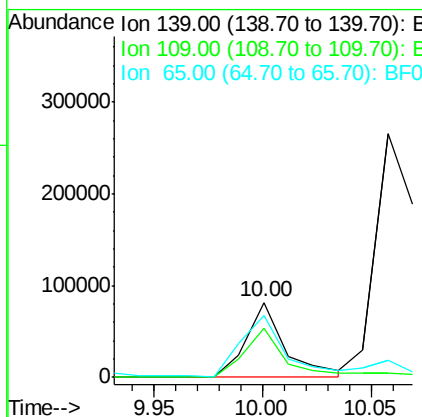
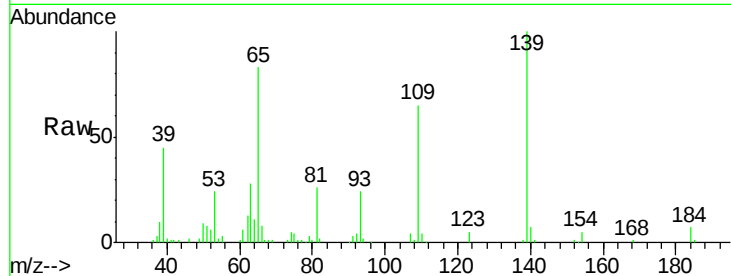




#55
4-Nitrophenol
Concen: 36.41 ng
RT: 10.00 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

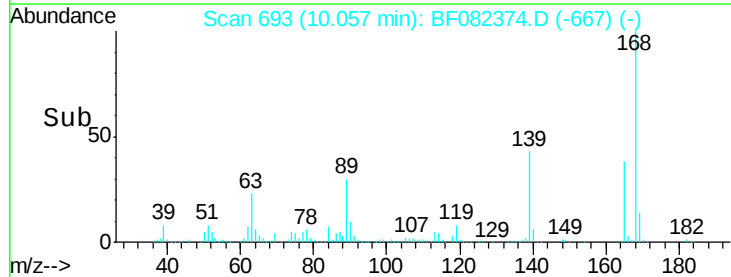
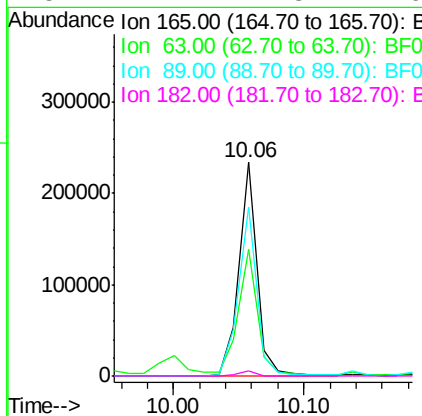
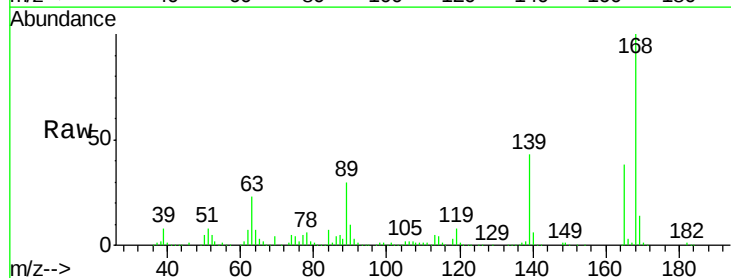
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

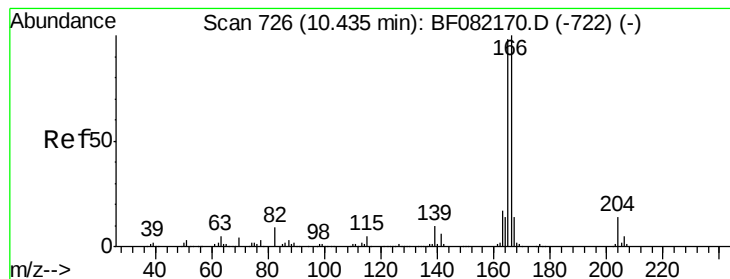
Tot Ion:139 Resp: 102675
Ion Ratio Lower Upper
139 100
109 65.0 44.8 84.8
65 82.9 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 39.32 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:165 Resp: 225627
Ion Ratio Lower Upper
165 100
63 59.2 38.6 58.0#
89 79.0 57.0 85.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 37.47 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

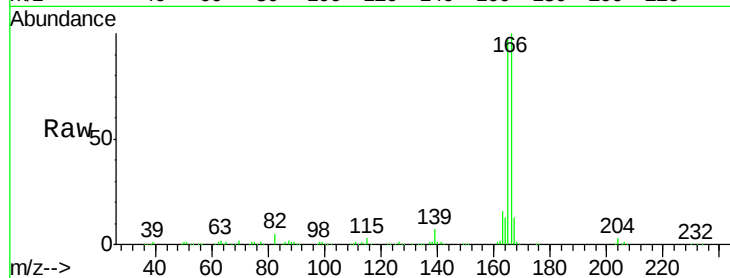
Tot Ion:166 Resp: 733075

Ion Ratio Lower Upper

166 100

165 97.0 78.3 117.5

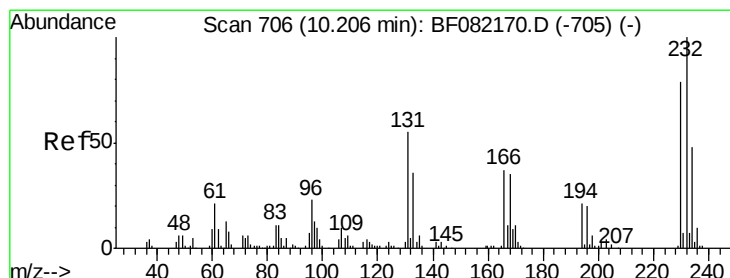
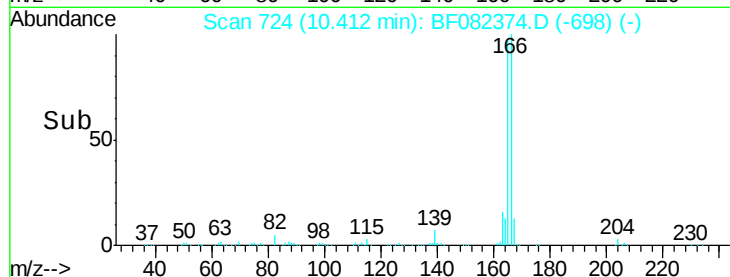
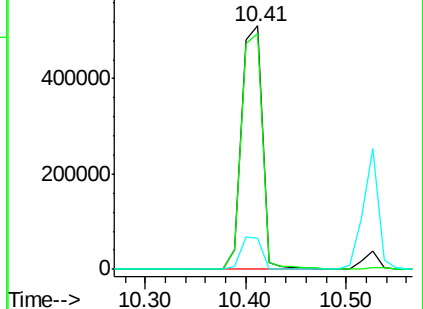
167 12.8 10.8 16.2



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: 36.70 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Tgt Ion:232 Resp: 198330

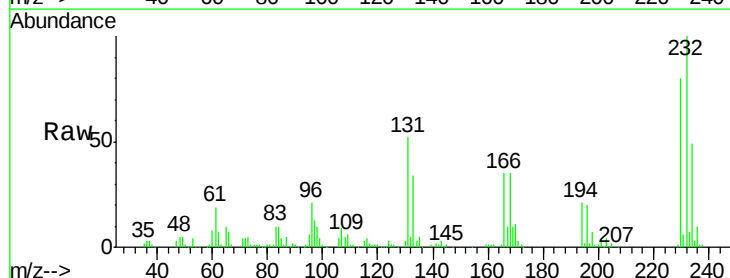
Ion Ratio Lower Upper

232 100

131 45.2 36.6 54.8

130 2.2 1.5 2.3

166 30.8 24.6 37.0

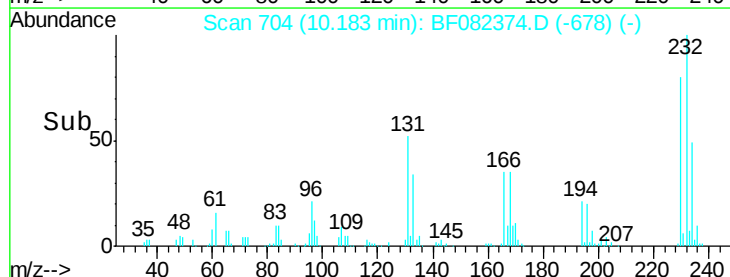
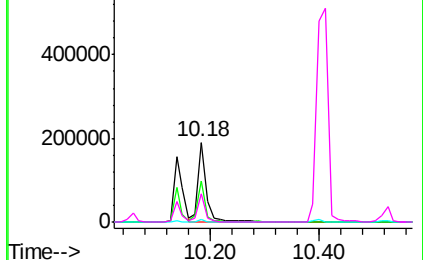


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.40 ng

RT: 10.29 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

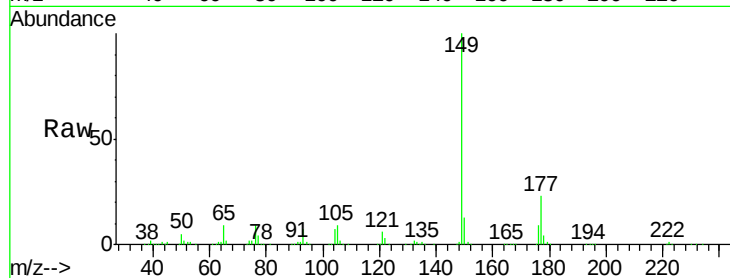
Tot Ion:149 Resp: 839841

Ion Ratio Lower Upper

149 100

177 22.7 17.6 26.4

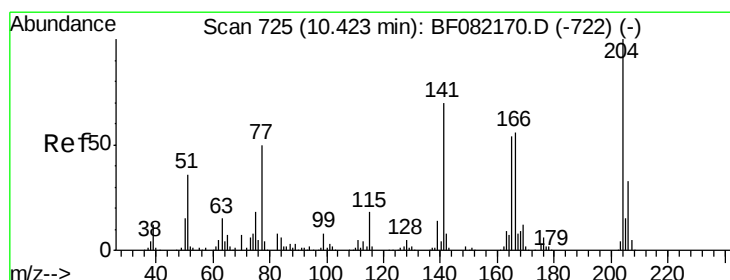
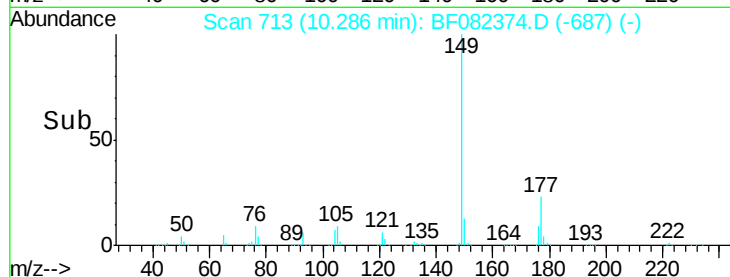
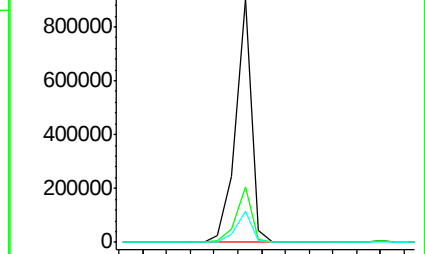
150 12.9 10.3 15.5



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: 42.38 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

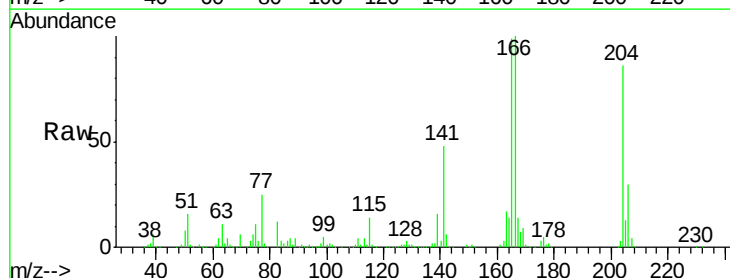
Tgt Ion:204 Resp: 379717

Ion Ratio Lower Upper

204 100

206 34.5 26.8 40.2

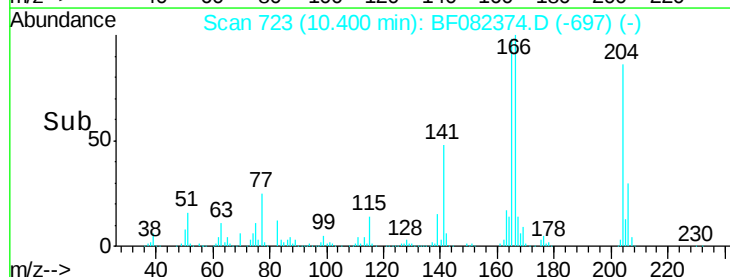
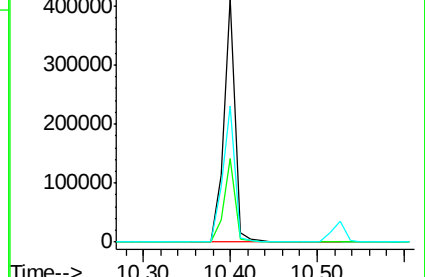
141 55.8 56.1 84.1#



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: 40.74 ng

RT: 10.45 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

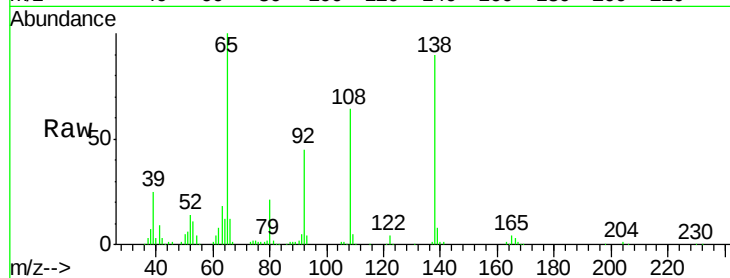
Tot Ion:138 Resp: 204930

Ion Ratio Lower Upper

138 100

92 49.5 26.8 66.8

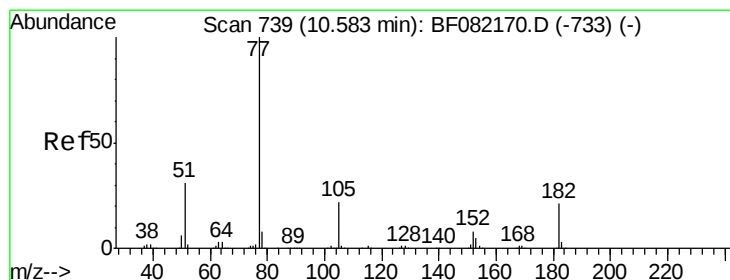
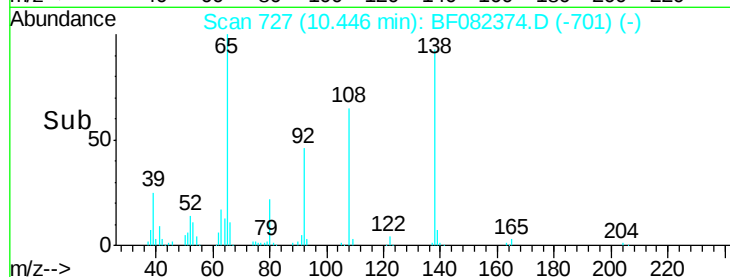
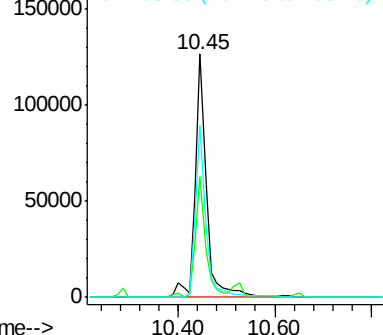
108 70.8 48.4 88.4



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: 40.37 ng

RT: 10.56 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Tgt Ion: 77 Resp: 801329

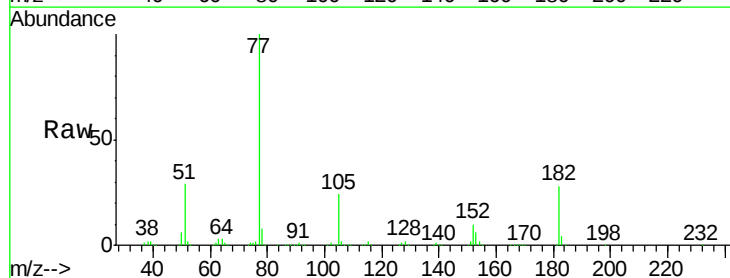
Ion Ratio Lower Upper

77 100

182 27.6 0.5 40.5

105 23.9 1.8 41.8

51 29.2 11.2 51.2

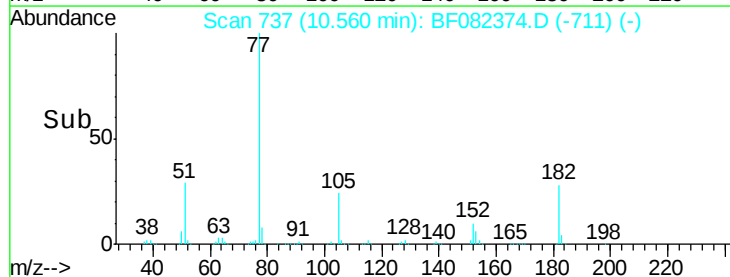
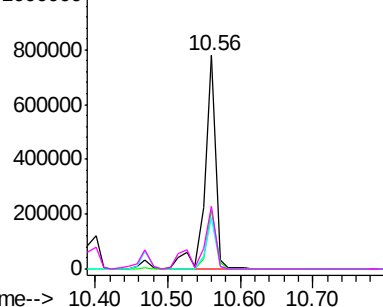


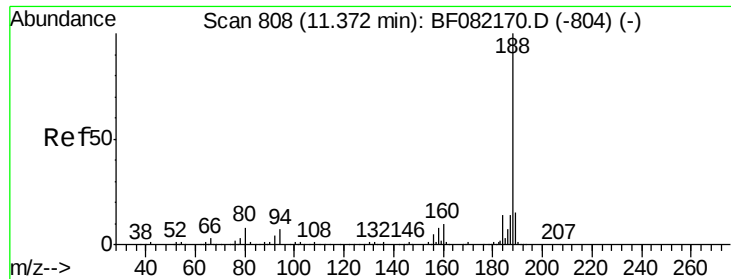
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

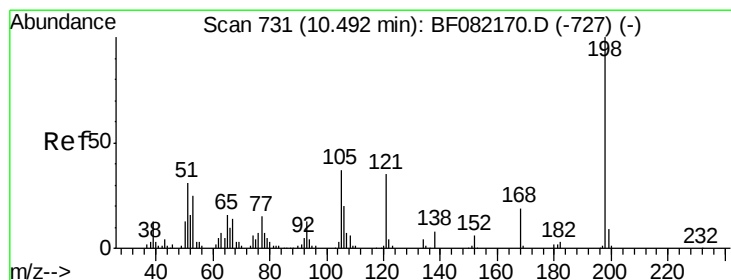
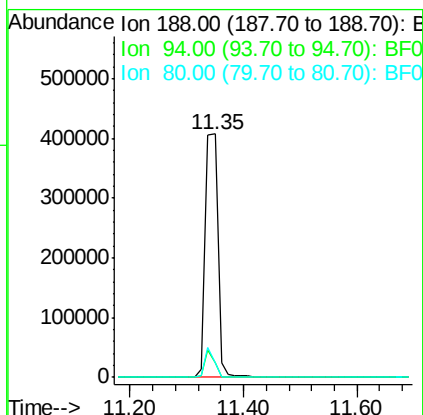
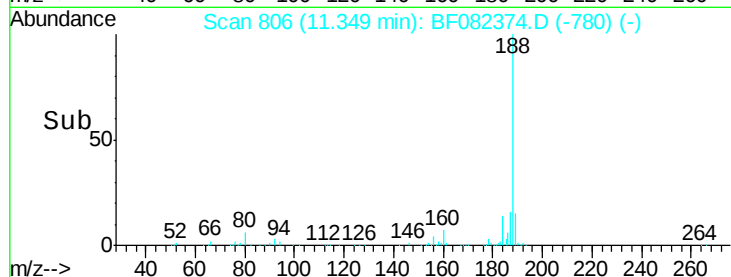
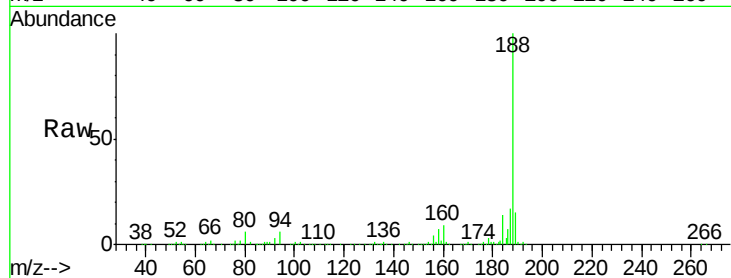




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

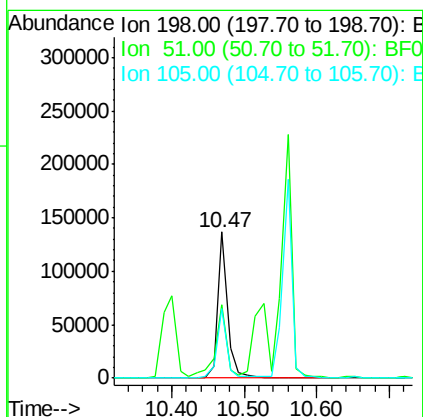
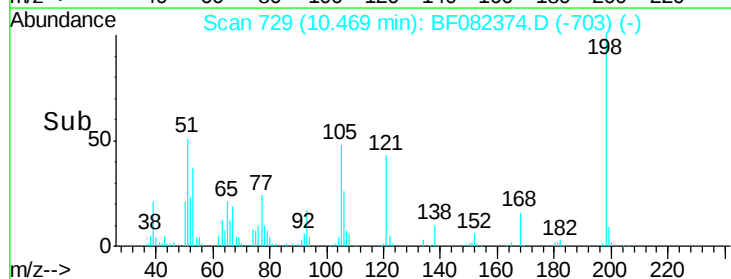
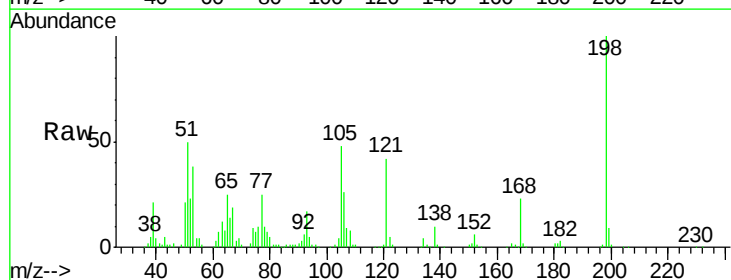
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

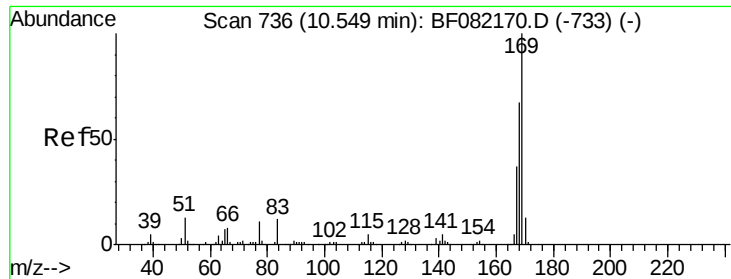
Tot Ion:188 Resp: 601128
Ion Ratio Lower Upper
188 100
94 5.9 5.8 8.6
80 6.2 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.03 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:198 Resp: 131683
Ion Ratio Lower Upper
198 100
51 50.5 13.6 53.6
105 47.9 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 39.36 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

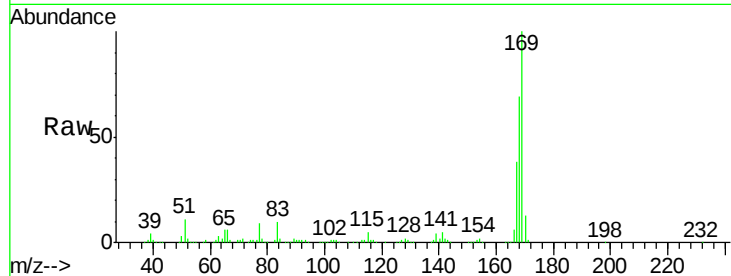
Tot Ion:169 Resp: 708367

Ion Ratio Lower Upper

169 100

168 68.6 54.0 81.0

167 37.6 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

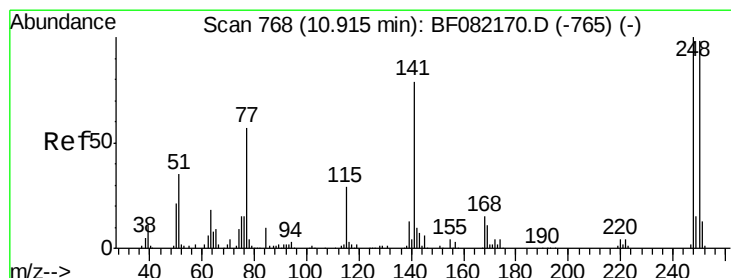
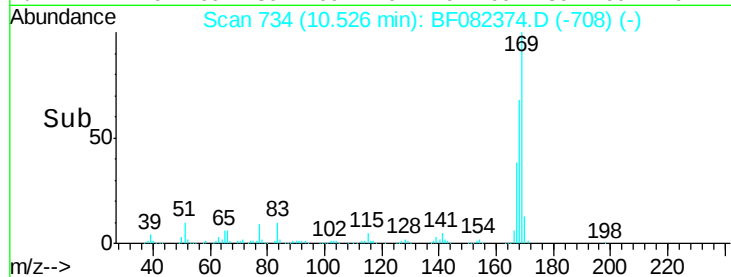
400000

200000

0

10.40 10.50 10.60

Time-->



#66

4-Bromophenyl-phenylether

Concen: 38.37 ng

RT: 10.89 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

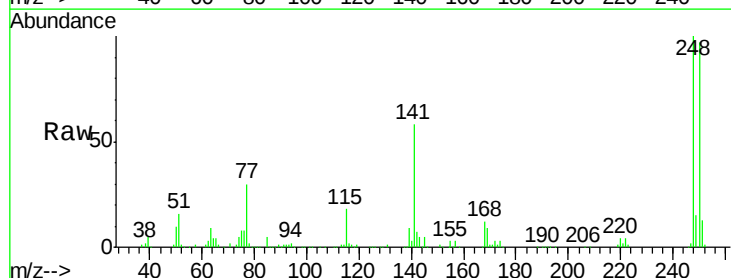
Tgt Ion:248 Resp: 230805

Ion Ratio Lower Upper

248 100

250 97.3 78.6 117.8

141 57.8 63.3 94.9#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

300000

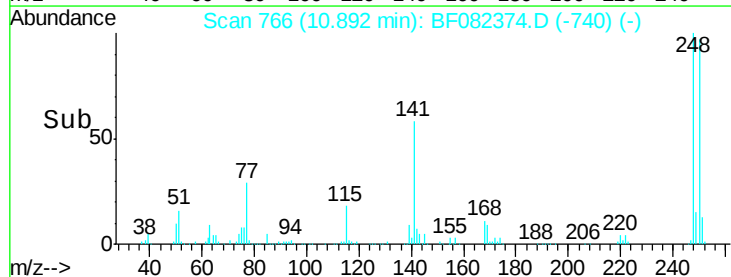
200000

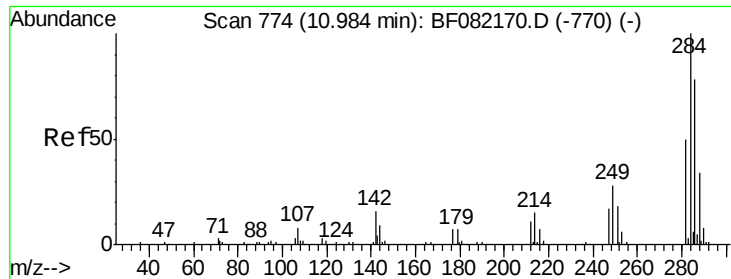
100000

0

10.85 10.90 10.95

Time-->

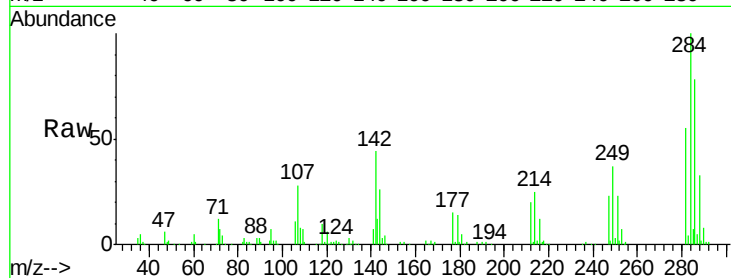




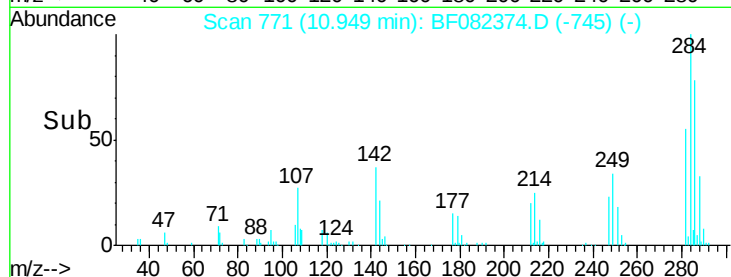
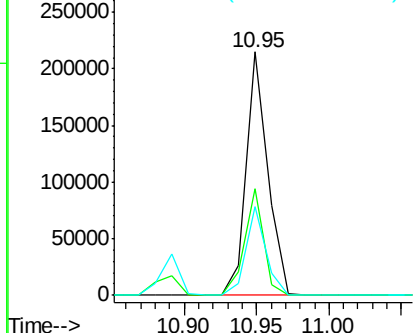
#67
Hexachlorobenzene
Concen: 34.07 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 221701
Ion Ratio Lower Upper
284 100
142 43.9 13.0 19.6#
249 36.5 22.5 33.7#

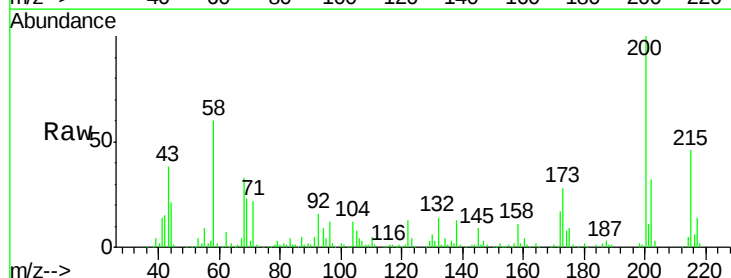


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

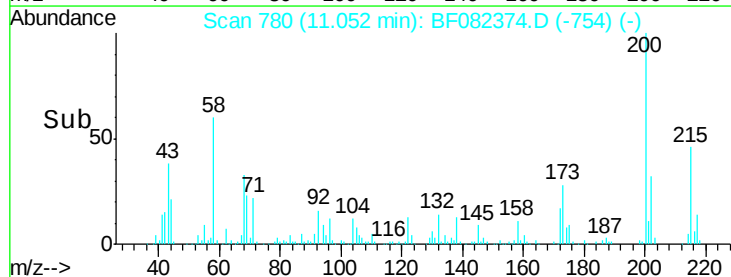
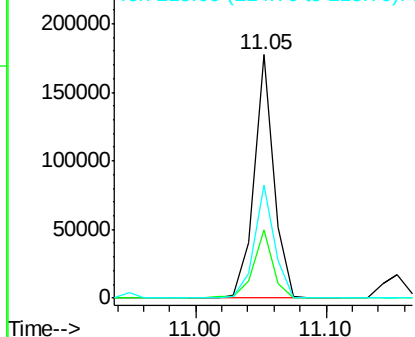


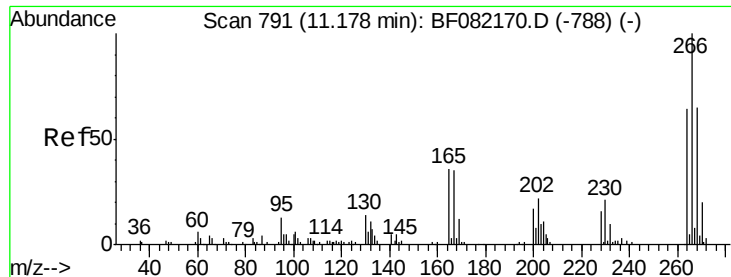
#68
Atrazine
Concen: 33.15 ng
RT: 11.05 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:200 Resp: 189014
Ion Ratio Lower Upper
200 100
173 28.1 7.3 47.3
215 46.3 26.2 66.2



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

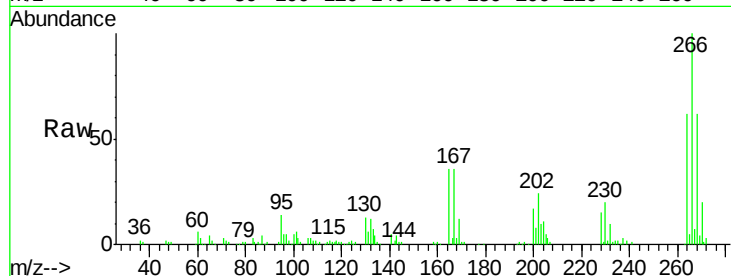




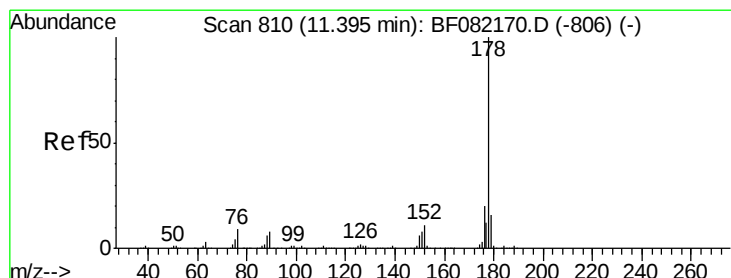
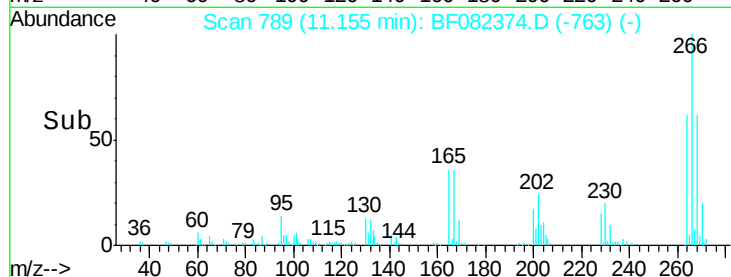
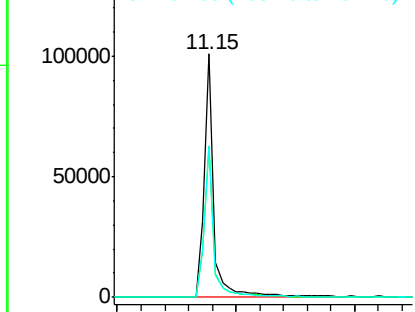
#69
 Pentachlorophenol
 Concen: 35.50 ng
 RT: 11.15 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 118851
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.0 78.0
 264 62.0 51.4 77.0

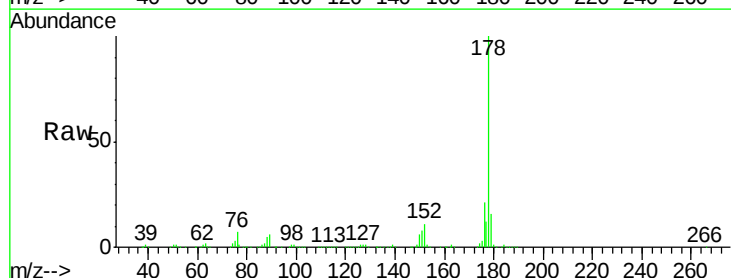


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

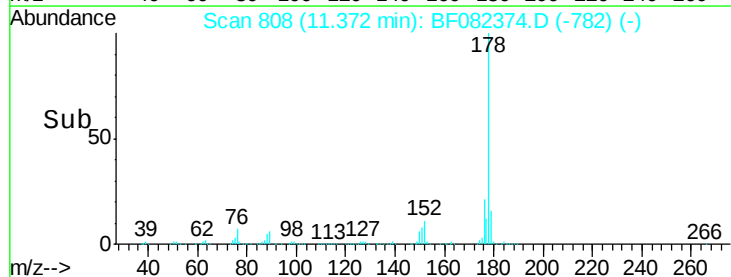
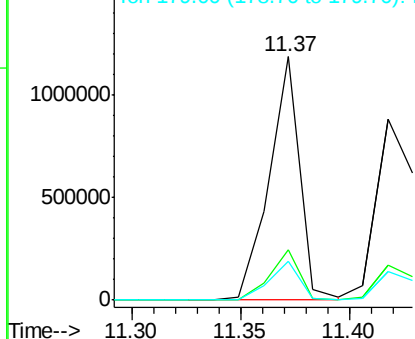


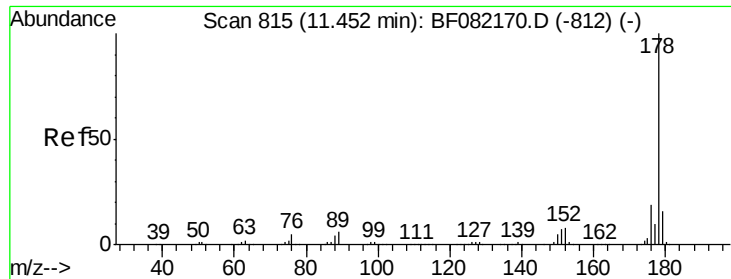
#70
 Phenanthrene
 Concen: 39.52 ng
 RT: 11.37 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:178 Resp: 1164566
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.1 12.6 19.0



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: 37.42 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

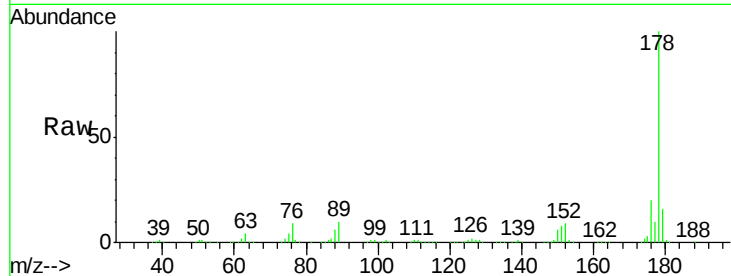
Tot Ion:178 Resp: 1136253

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

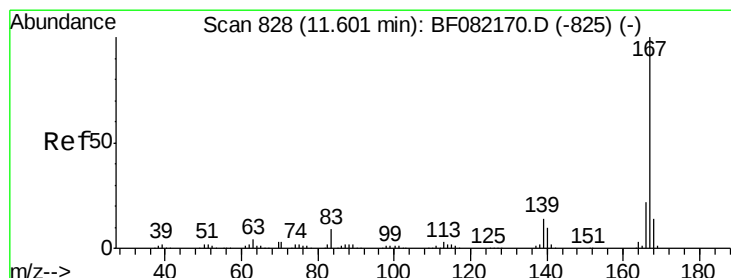
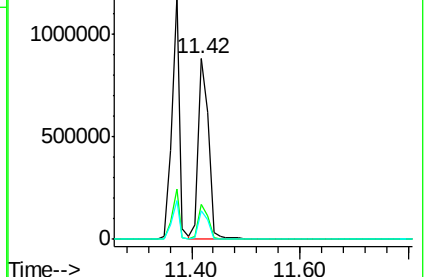
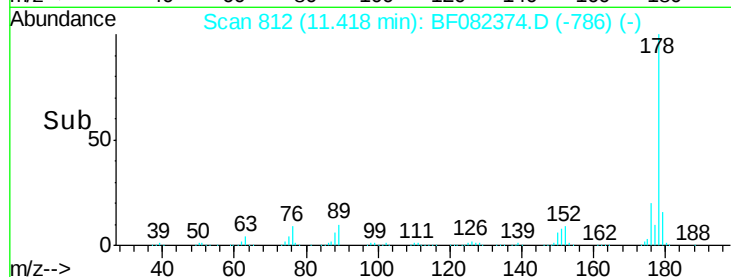
179 16.1 12.5 18.7



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: 37.17 ng

RT: 11.59 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

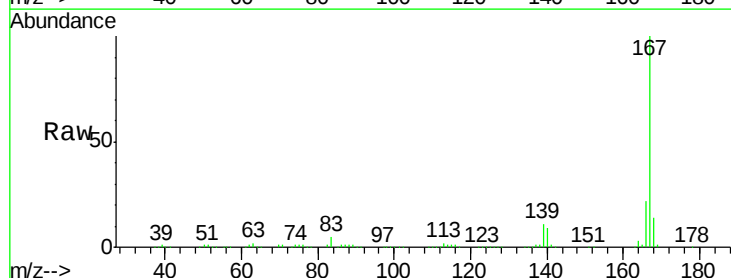
Tgt Ion:167 Resp: 1029637

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

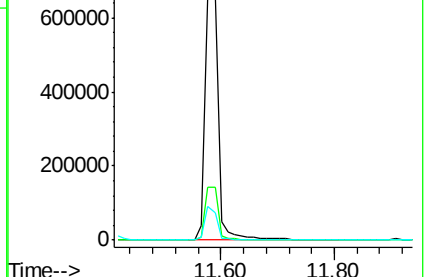
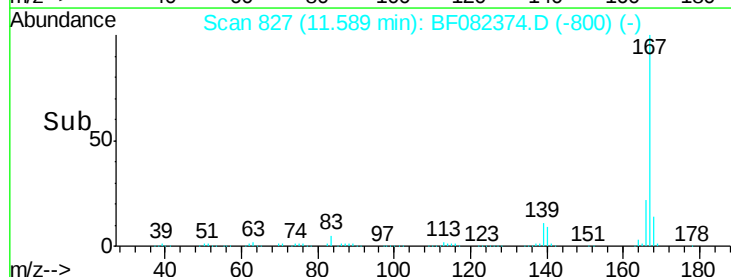
139 11.1 11.2 16.8#



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: 36.73 ng

RT: 11.91 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

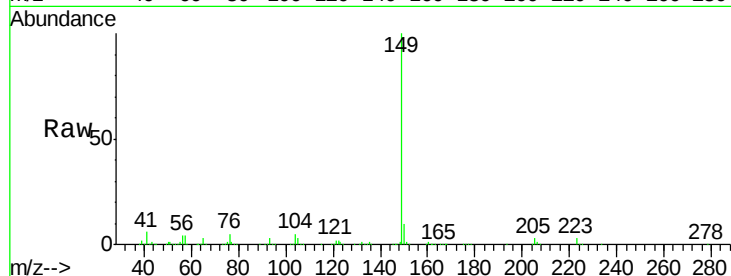
Tot Ion:149 Resp: 1255074

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

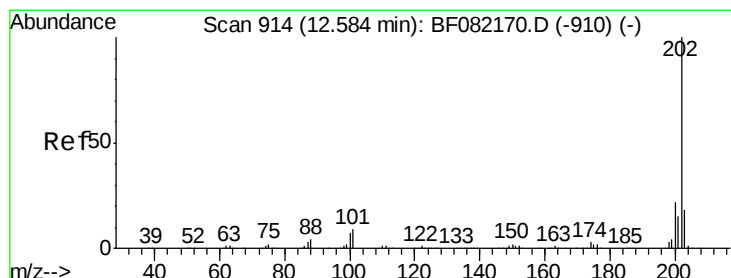
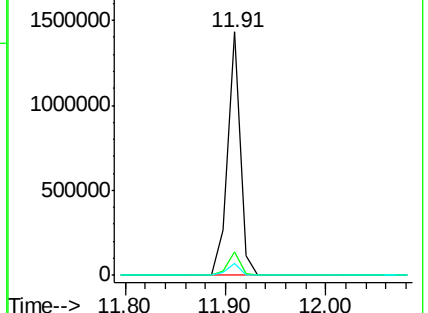
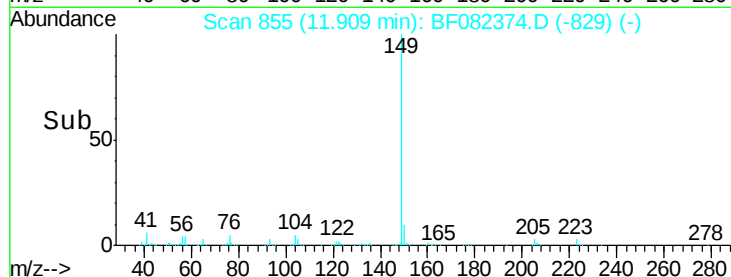
104 5.0 3.8 5.8



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: 37.18 ng

RT: 12.56 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

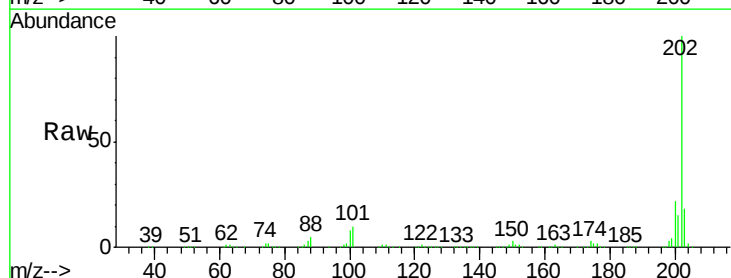
Tgt Ion:202 Resp: 1176718

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

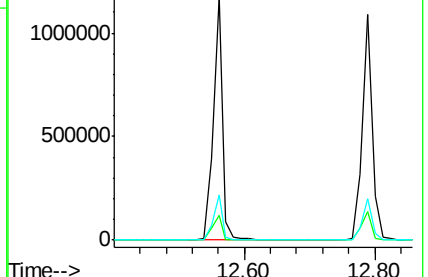
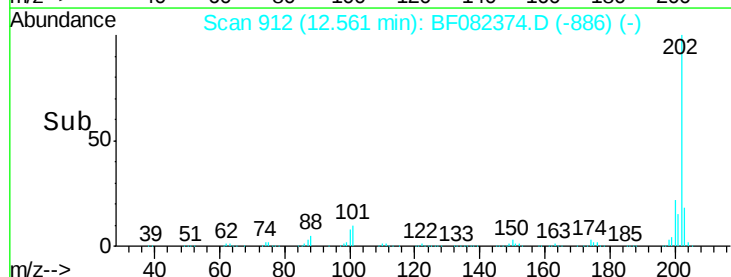
203 18.5 0.0 37.8

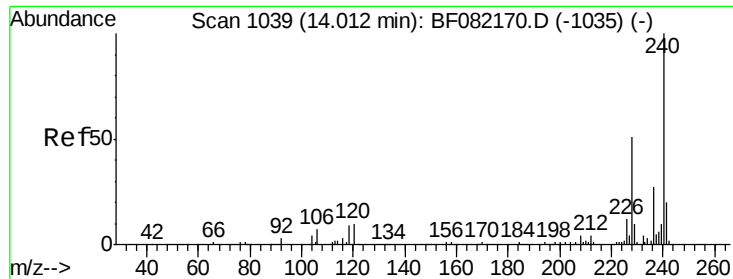


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

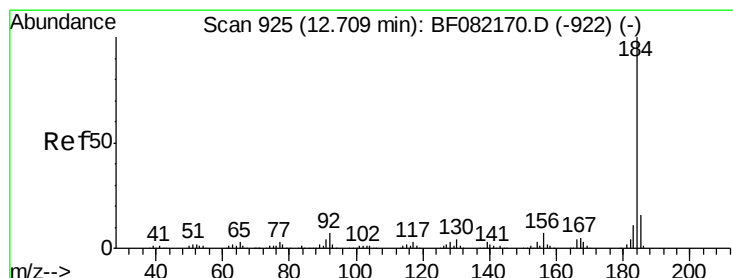
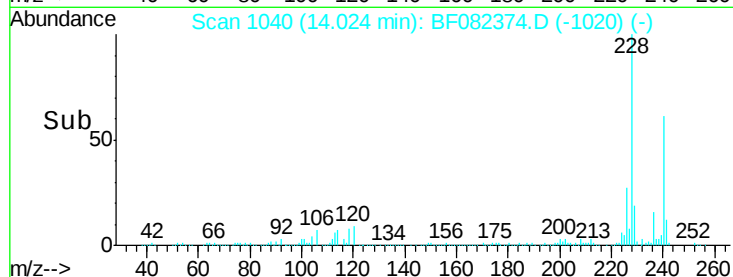
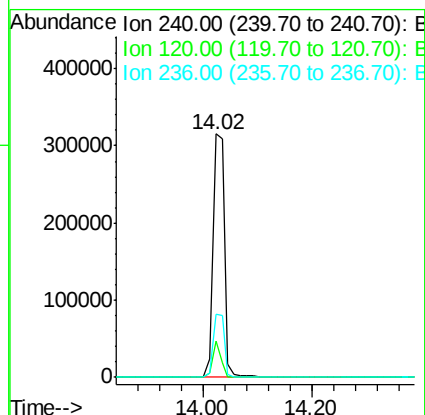
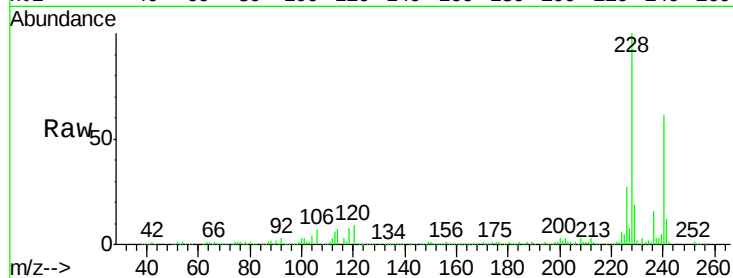




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

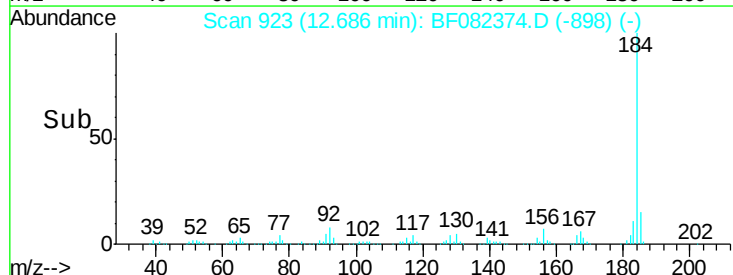
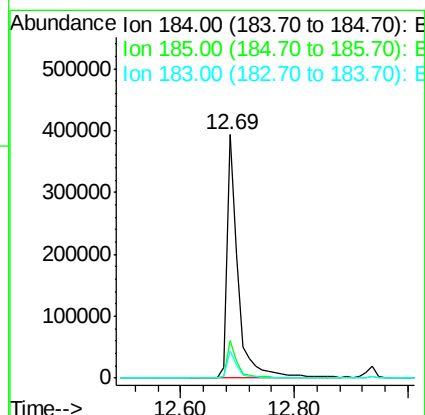
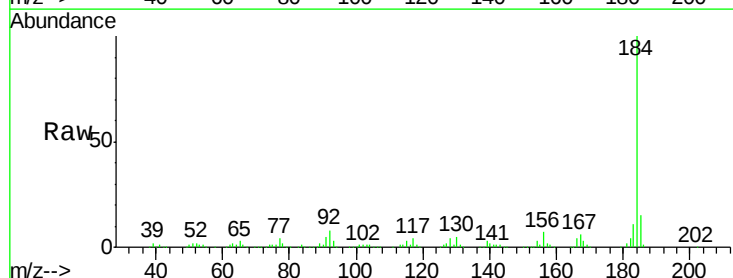
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

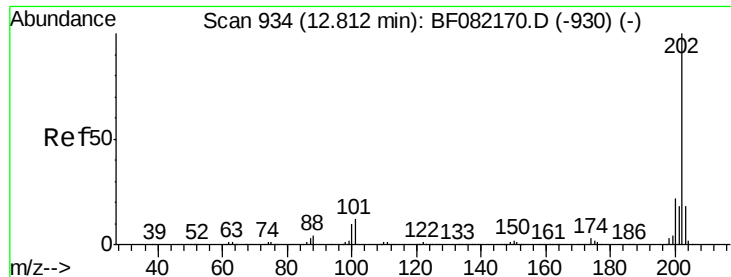
Tot Ion:240 Resp: 468461
 Ion Ratio Lower Upper
 240 100
 120 14.9 8.1 12.1#
 236 26.0 21.3 31.9



#76
 Benzidine
 Concen: 39.39 ng
 RT: 12.69 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:184 Resp: 534696
 Ion Ratio Lower Upper
 184 100
 185 15.4 12.5 18.7
 183 11.3 9.1 13.7

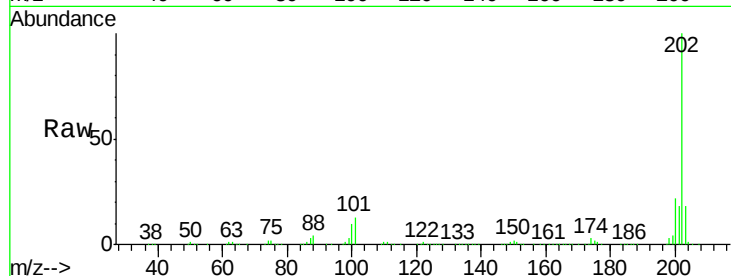




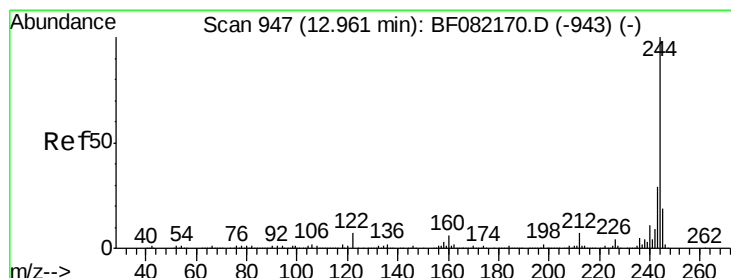
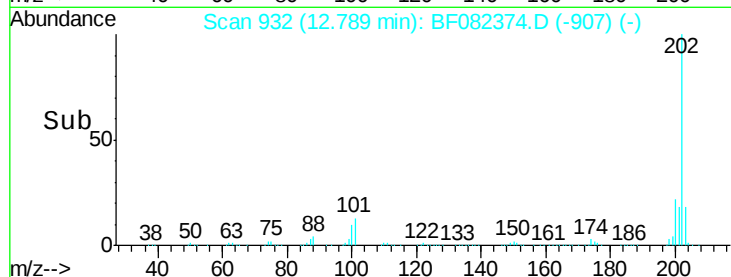
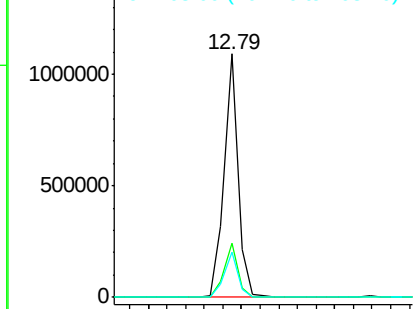
#77
Pvrene
Concen: 40.85 ng
RT: 12.79 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1135704
Ion Ratio Lower Upper
202 100
200 22.3 17.9 26.9
203 18.4 14.5 21.7

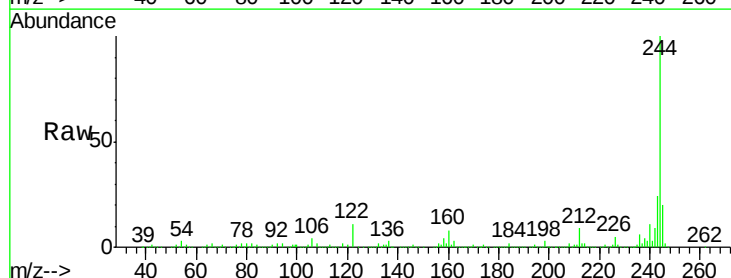


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

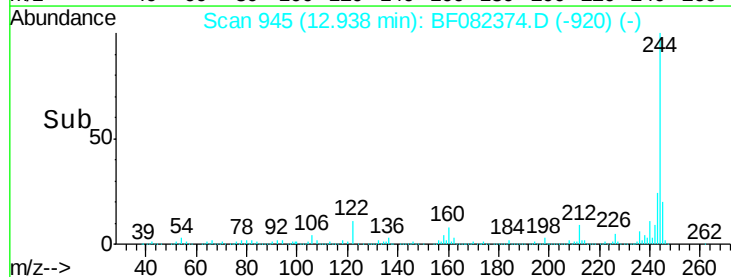
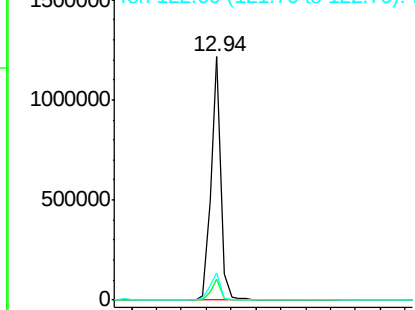


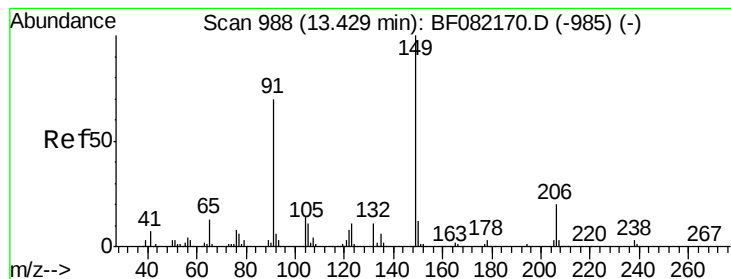
#78
Terphenyl-d14
Concen: 74.49 ng
RT: 12.94 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF082374.D
Acq: 20 Oct 2015 1:13

Tgt Ion:244 Resp: 1316921
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.6
122 11.4 5.9 8.9#



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





#79

Butylbenzylphthalate

Concen: 41.24 ng

RT: 13.42 min Scan# 987

Delta R.T. -0.03 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

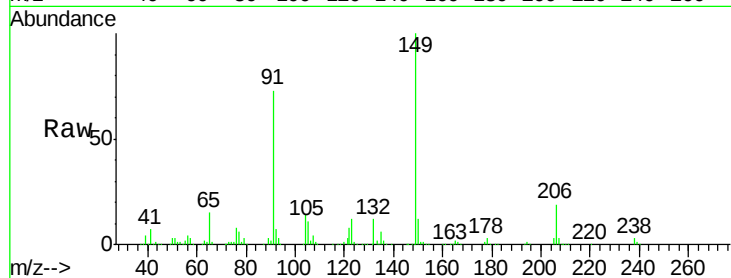
Tot Ion:149 Resp: 523251

Ion Ratio Lower Upper

149 100

91 73.4 55.7 83.5

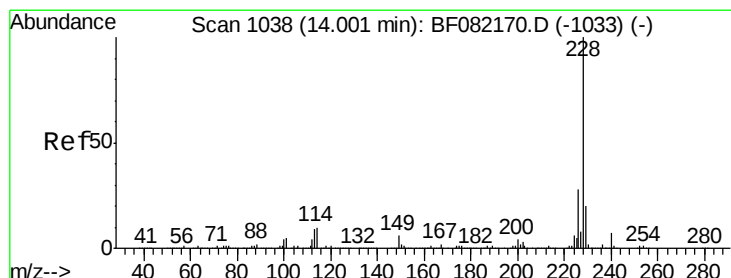
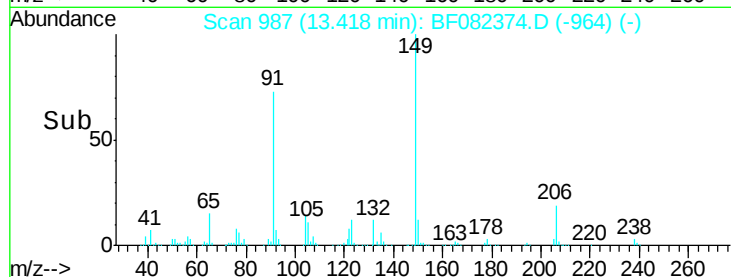
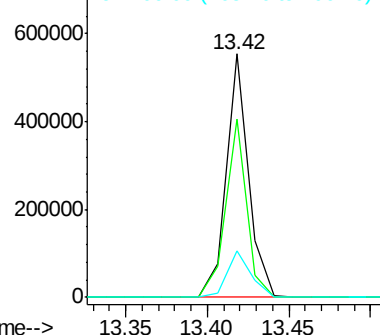
206 19.0 15.6 23.4



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: 39.93 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

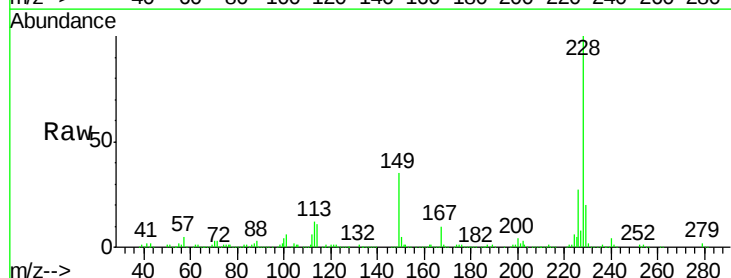
Tgt Ion:228 Resp: 973228

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

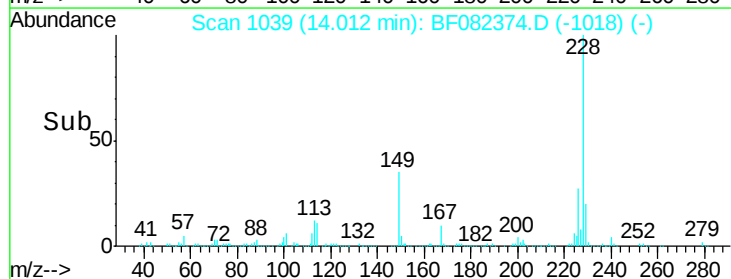
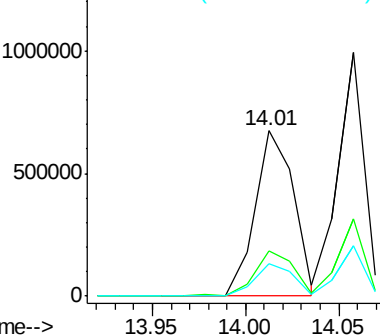
229 19.9 16.2 24.2

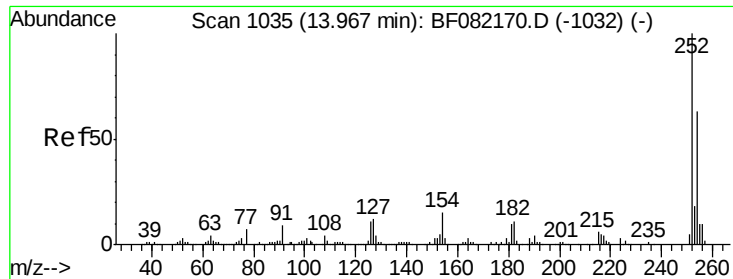


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

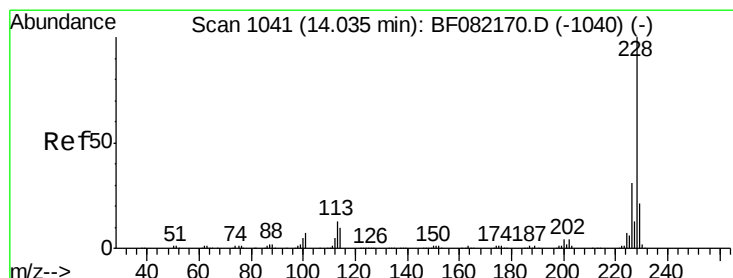
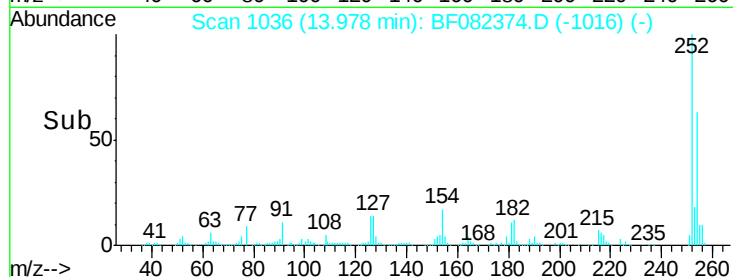
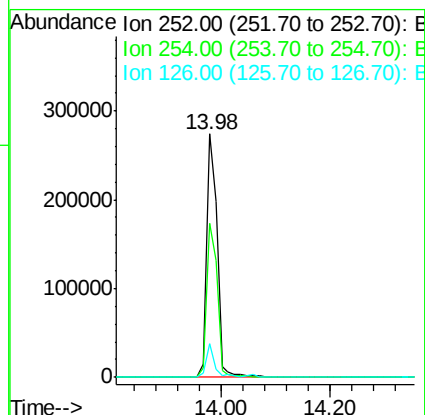
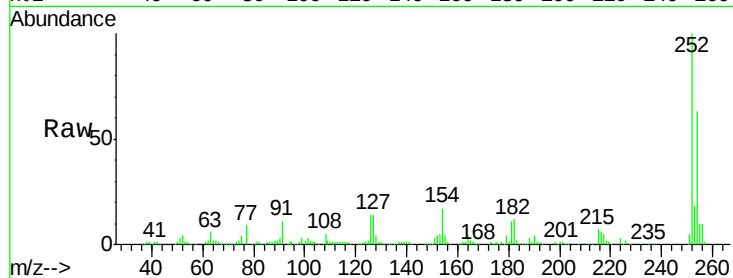




#81
 3,3'-Dichlorobenzidine
 Concen: 38.90 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.07 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

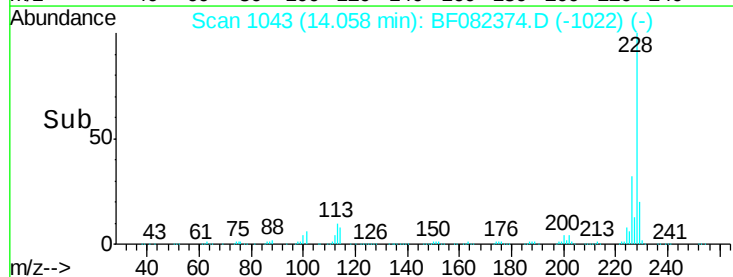
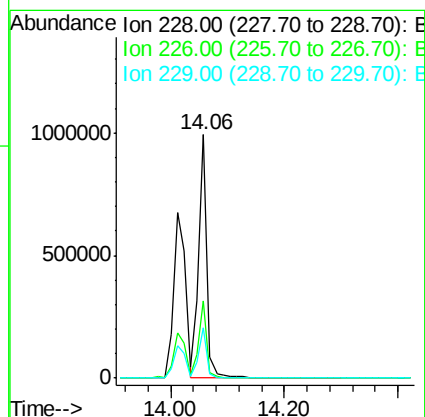
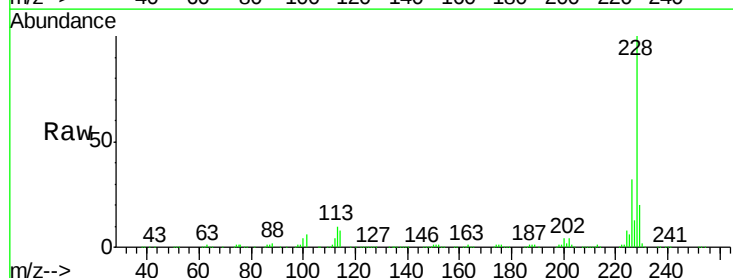
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

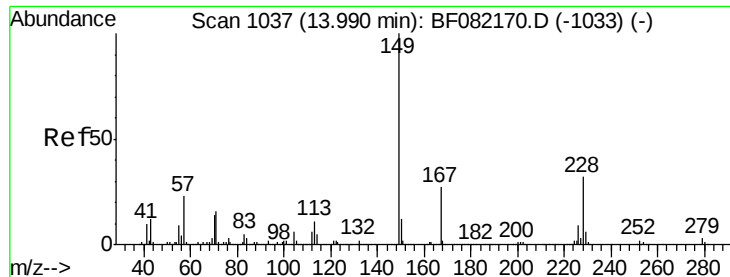
Tot Ion:252 Resp: 359871
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 13.6 9.0 13.6#



#82
 Chrysene
 Concen: 38.67 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:228 Resp: 993089
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.4 36.6
 229 20.5 16.3 24.5

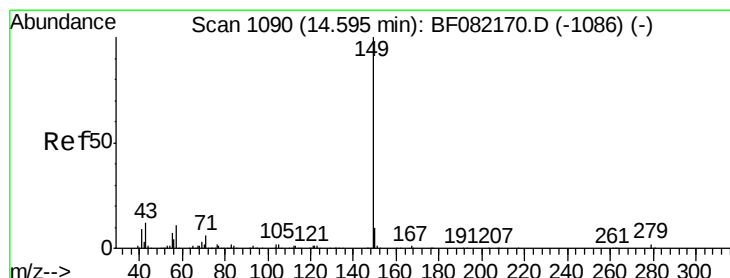
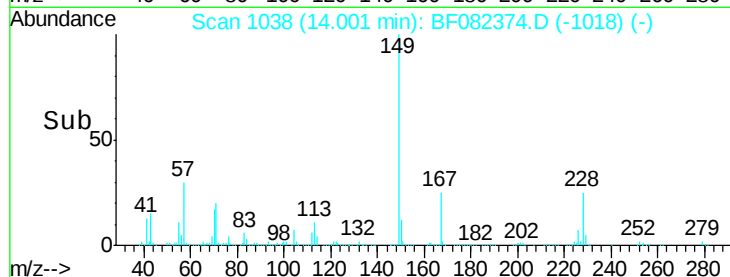
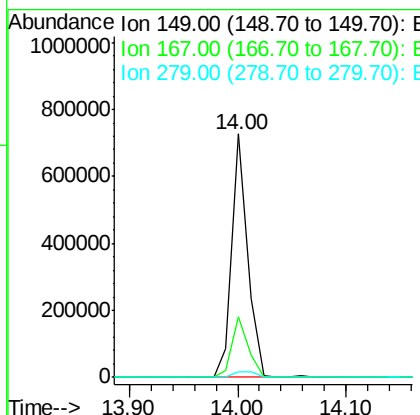
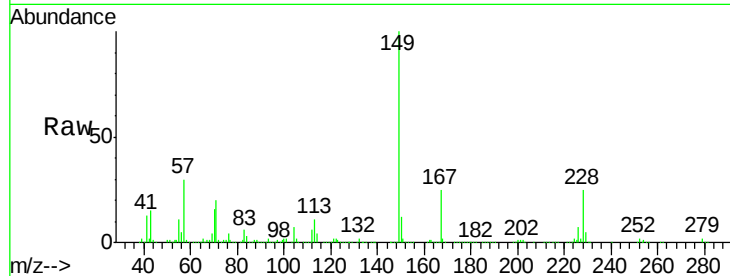




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.16 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

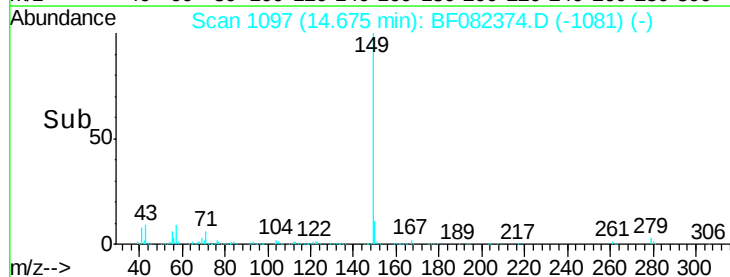
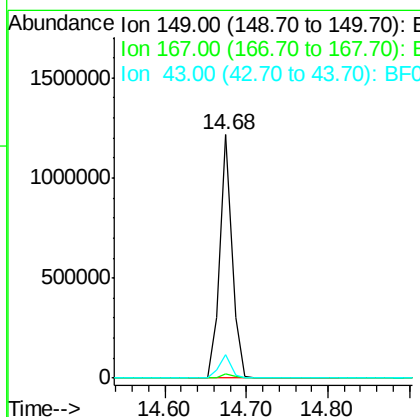
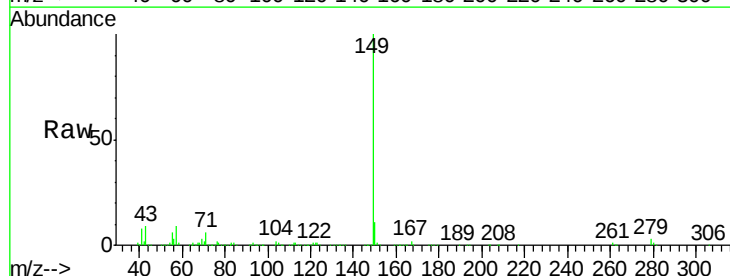
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

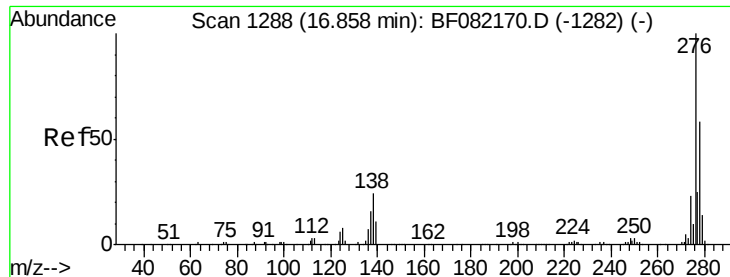
Tot Ion:149 Resp: 727005
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.3 31.9
 279 2.4 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 40.61 ng
 RT: 14.68 min Scan# 1097
 Delta R.T. -0.11 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:149 Resp: 1262323
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.7 7.4 11.2

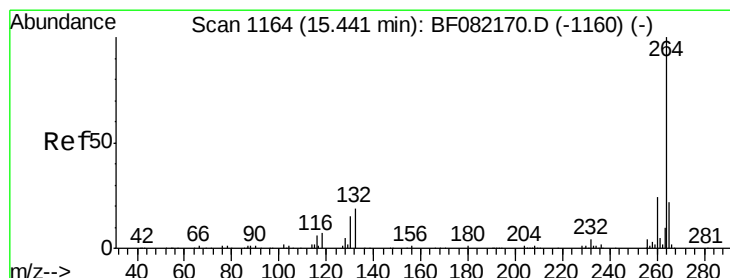
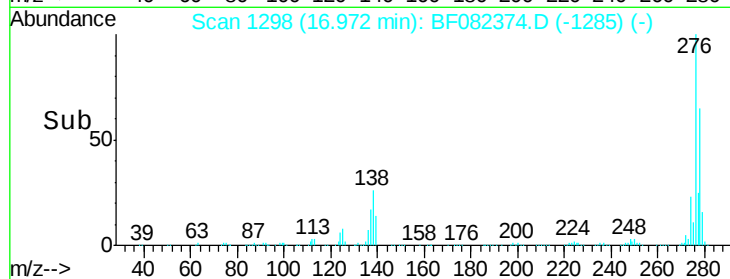
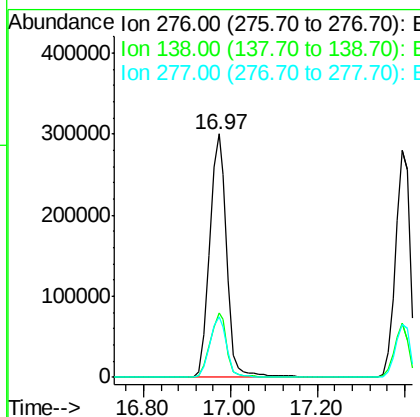
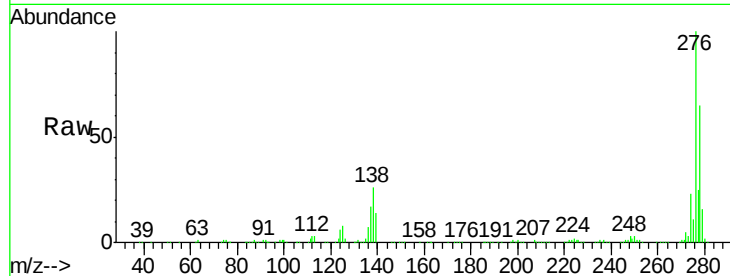




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.10 ng
 RT: 16.97 min Scan# 1298
 Delta R.T. -0.15 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

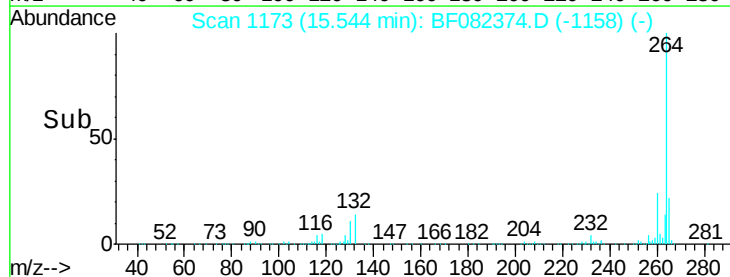
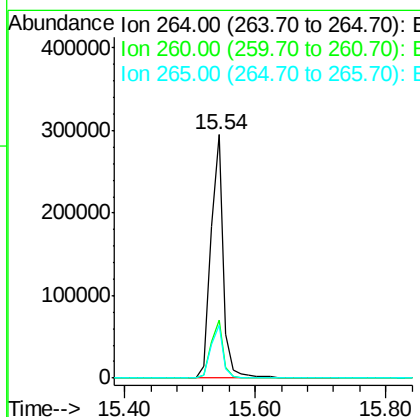
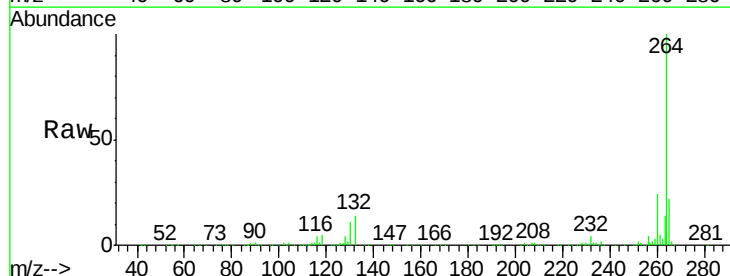
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

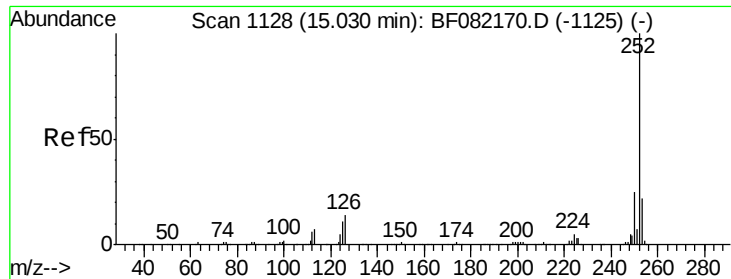
Tot Ion:276 Resp: 838908
 Ion Ratio Lower Upper
 276 100
 138 25.7 19.7 29.5
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1173
 Delta R.T. -0.13 min
 Lab File: BF082374.D
 Acq: 20 Oct 2015 1:13

Tgt Ion:264 Resp: 394407
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 70.63 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.09 min

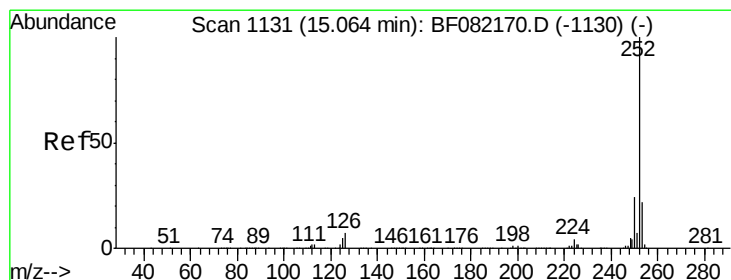
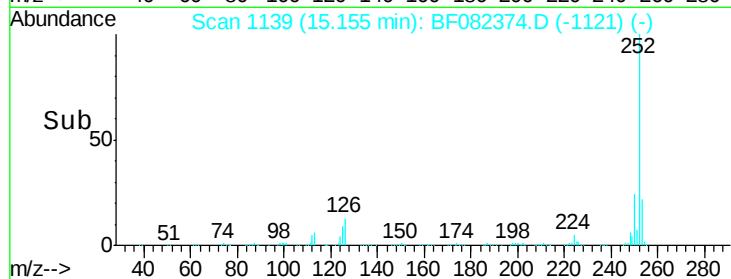
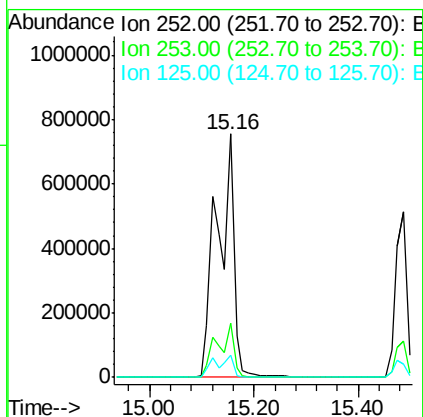
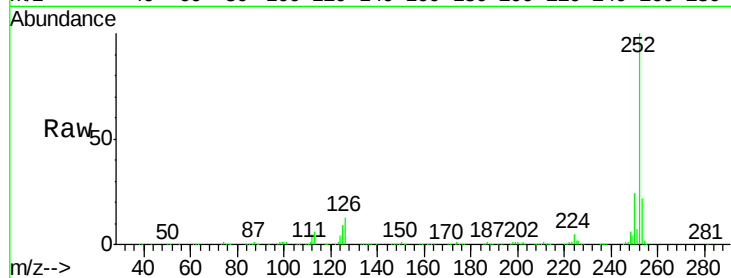
Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1694870

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.0	8.6	12.8



#88

Benzo(k)fluoranthene

Concen: 84.18 ng

RT: 15.16 min Scan# 1139

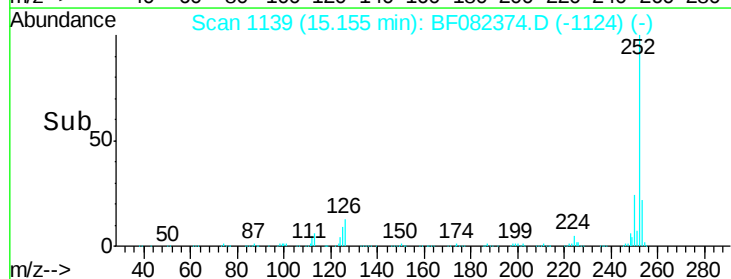
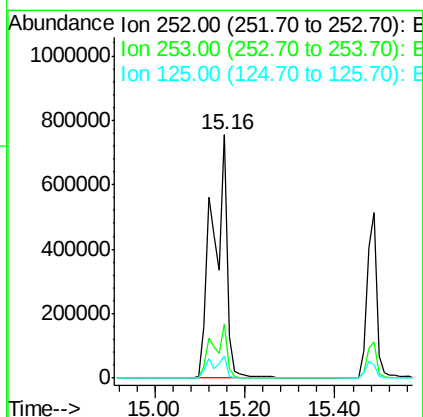
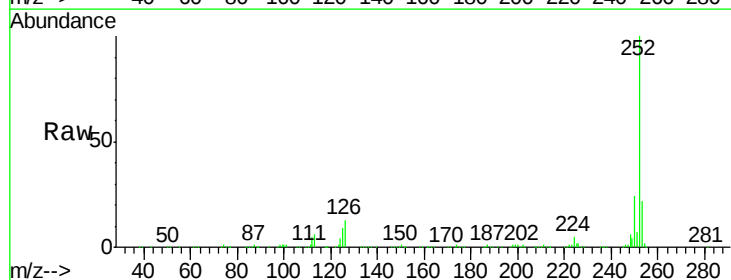
Delta R.T. -0.13 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Tgt Ion:252 Resp: 1697795

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.0	6.7	10.1





#89

Benzo(a)pyrene

Concen: 37.71 ng

RT: 15.49 min Scan# 1168

Delta R.T. -0.13 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

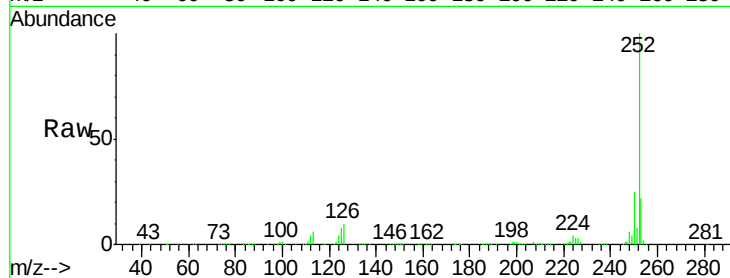
Tot Ion:252 Resp: 777715

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

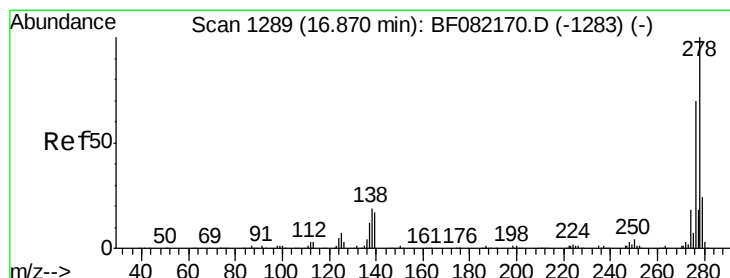
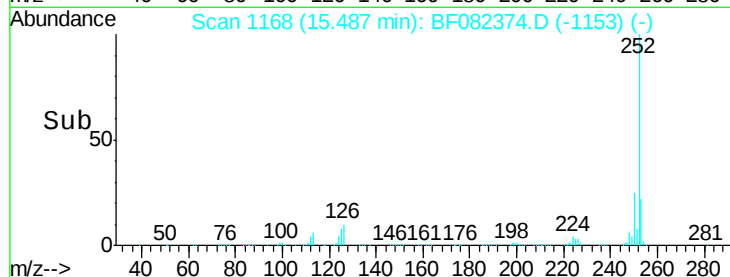
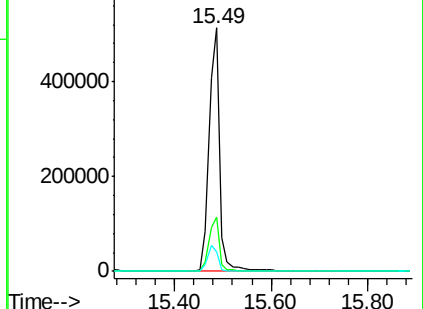
125 8.1 8.9 13.3#



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: 41.22 ng

RT: 16.98 min Scan# 1299

Delta R.T. -0.15 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

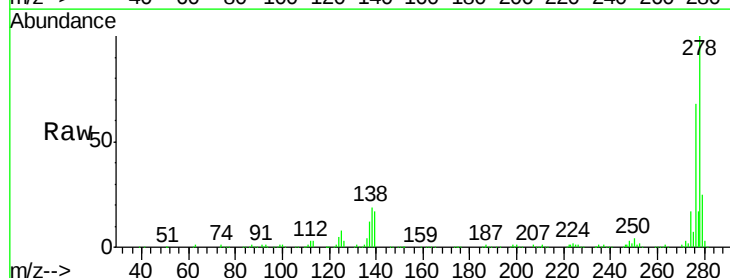
Tgt Ion:278 Resp: 696618

Ion Ratio Lower Upper

278 100

139 17.5 13.3 19.9

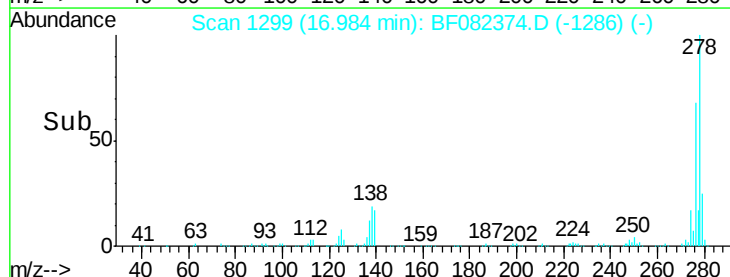
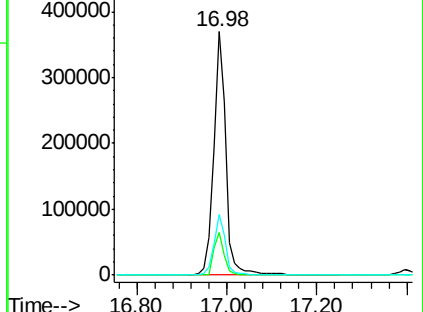
279 24.7 18.9 28.3

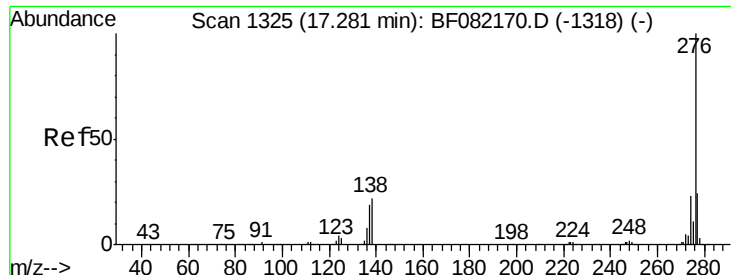


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.38 ng

RT: 17.40 min Scan# 1335

Delta R.T. -0.15 min

Lab File: BF082374.D

Acq: 20 Oct 2015 1:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

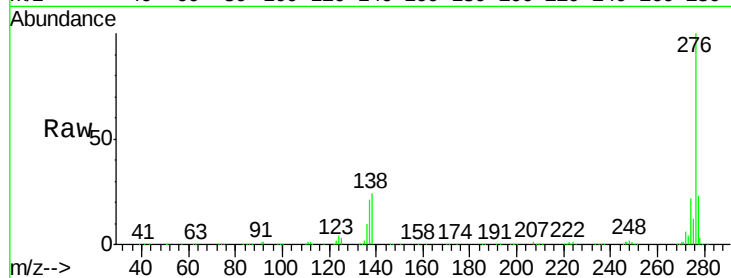
Tot Ion:276 Resp: 679356

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 24.0 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

