

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092875.D
 Acq On : 9 Feb 2017 1:19
 Operator : SJ/MA
 Sample : I1754-09MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

Quant Time: Feb 09 02:37:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143284	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	573654	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	321556	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	514158	20.00	ng	0.00
75) Chrysene-d12	14.07	240	383362	20.00	ng	0.00
86) Perylene-d12	15.51	264	352620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1920	0.23	ng	0.02
7) Phenol-d6	6.53	99	110381	10.27	ng	0.00
23) Nitrobenzene-d5	7.47	82	1003866	97.45	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.26	172	1785247	100.58	ng	0.00
78) Terphenyl-d14	13.01	244	1599106	98.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	150194	33.28	ng	# 84
3) Pyridine	3.26	79	370711	32.31	ng	88
4) n-Nitrosodimethylamine	3.28	42	213730	39.67	ng	86
6) Aniline	6.56	93	306842	20.93	ng	# 48
10) Phenol	6.54	94	172954	13.76	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	387547	38.62	ng	93
12) 1,3-Dichlorobenzene	7.07	146	446874	41.41	ng	98
13) 1,4-Dichlorobenzene	6.91	146	442281	40.49	ng	98
14) 1,2-Dichlorobenzene	7.07	146	447211	42.82	ng	95
15) Benzyl Alcohol	7.04	79	355349	44.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	721698	41.40	ng	96
17) 2-Methylphenol	7.16	107	136695	17.29	ng	98
18) Hexachloroethane	7.41	117	154691	41.49	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	306213	44.76	ng	97
20) 3+4-Methylphenols	7.32	107	200478	21.21	ng	# 74
22) Acetophenone	7.31	105	575758	43.96	ng	# 93
24) Nitrobenzene	7.48	77	422723	39.96	ng	97
25) Isophorone	7.72	82	903695	47.08	ng	100
26) 2-Nitrophenol	7.72	139	15715	3.13	ng	# 71
27) 2,4-Dimethylphenol	7.84	122	172750	19.56	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	539789	42.46	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	368978	41.57	ng	95
31) Naphthalene	8.21	128	3122785	107.39	ng	99
32) Benzoic acid	7.97	122	58586	17.13	ng	# 12
33) 4-Chloroaniline	8.26	127	333953	29.28	ng	95
34) Hexachlorobutadiene	8.33	225	196583	40.26	ng	97
35) Caprolactam	8.59	113	94204	36.36	ng	# 33
37) 2-Methylnaphthalene	8.90	142	1509917	80.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	333199	36.91	ng	99
40) Hexachlorocyclopentadiene	9.05	237	230126	56.51	ng	94
45) 1,1'-Biphenyl	9.36	154	1175928	50.50	ng	96
46) 2-Chloronaphthalene	9.39	162	781251	42.89	ng	95
47) 2-Nitroaniline	9.48	65	228785	37.36	ng	99
48) Acenaphthylene	9.80	152	1279443	40.66	ng	99

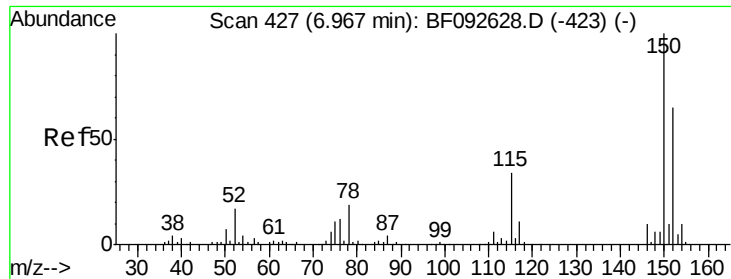
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.66	163	729537	33.68	ng	100
50) 2,6-Dinitrotoluene	9.73	165	216400	46.26	ng	# 87
51) Acenaphthene	9.97	154	1744972	92.75	ng	96
52) 3-Nitroaniline	9.90	138	207900	38.84	ng	# 72
53) 2,4-Dinitrophenol	10.22	184	1572	5.36	ng	# 86
54) Dibenzofuran	10.14	168	2156388	85.70	ng	98
55) 4-Nitrophenol	10.14	139	762252	197.71	ng	# 6
56) 2,4-Dinitrotoluene	10.13	165	246643	39.61	ng	93
57) Fluorene	10.50	166	2001297	103.38	ng	98
59) Diethylphthalate	10.36	149	790383	38.72	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	313198	33.68	ng	98
61) 4-Nitroaniline	10.51	138	235909	43.03	ng	88
62) Azobenzene	10.64	77	882110	41.83	ng	89
64) 4,6-Dinitro-2-methylphenol	10.67	198	713	2.88	ng	# 1
65) n-Nitrosodiphenylamine	10.60	169	847611	51.61	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	227478	42.35	ng	93
67) Hexachlorobenzene	11.04	284	208973	39.37	ng	# 84
68) Atrazine	11.13	200	220583	41.85	ng	100
70) Phenanthrene	11.47	178	5517083	187.29	ng	99
71) Anthracene	11.51	178	1401553	47.38	ng	99
72) Carbazole	11.67	167	1475777	52.19	ng	97
73) Di-n-butylphthalate	11.99	149	1318811	43.12	ng	# 97
74) Fluoranthene	12.65	202	3539522	116.49	ng	98
76) Benzidine	12.76	184	341070	20.88	ng	96
77) Pyrene	12.88	202	2883938	100.52	ng	99
79) Butylbenzylphthalate	13.48	149	517902	44.45	ng	87
80) Benzo(a)anthracene	14.05	228	1653334	70.51	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	255729	30.60	ng	# 95
82) Chrysene	14.10	228	1315465	59.92	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	802989	50.40	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1246068	48.03	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	962104	56.58	ng	95
87) Benzo(b)fluoranthene	15.09	252	2235795	96.33	ng	99
88) Benzo(k)fluoranthene	15.09	252	2235795	111.57	ng	98
89) Benzo(a)pyrene	15.20	252	53896	2.68	ng	95
90) Dibenzo(a,h)anthracene	16.96	278	765476	47.18	ng	97
91) Benzo(g,h,i)perylene	17.38	276	830897	50.69	ng	# 91

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

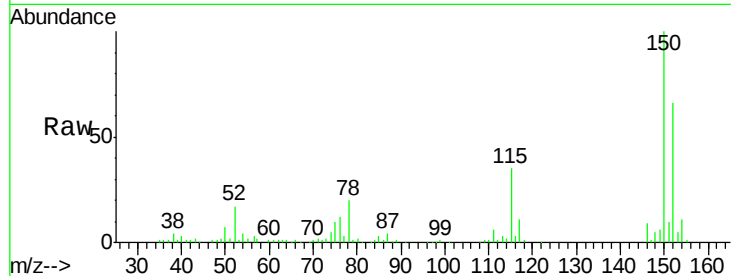


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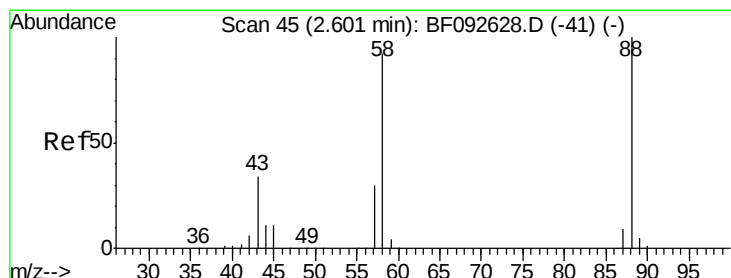
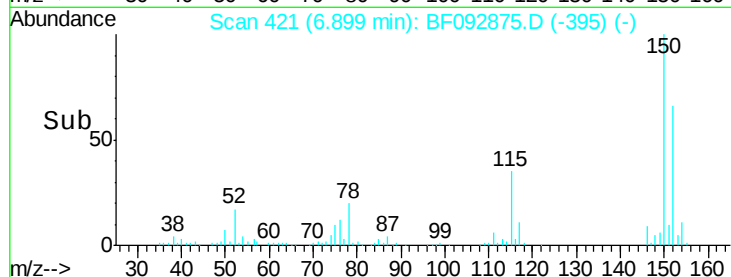
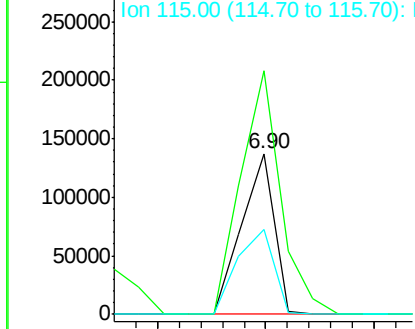
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
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E2-B1-B2021-CONCRETEMS

Tgt Ion:152 Resp: 143284
Ion Ratio Lower Upper
152 100
150 151.5 124.9 187.3
115 52.6 46.0 69.0



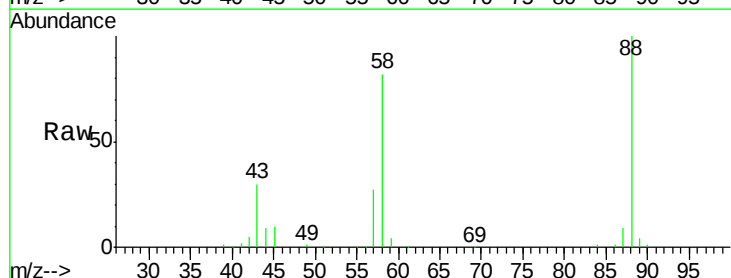
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



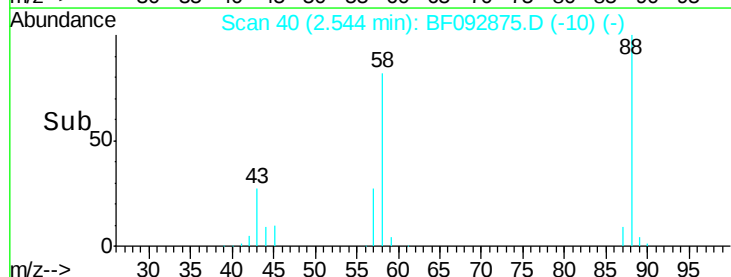
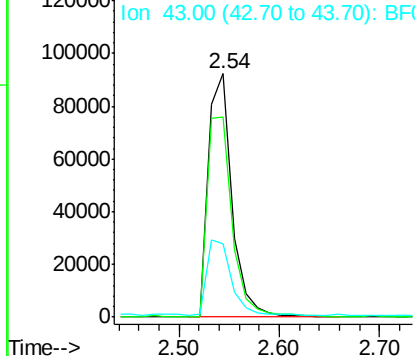
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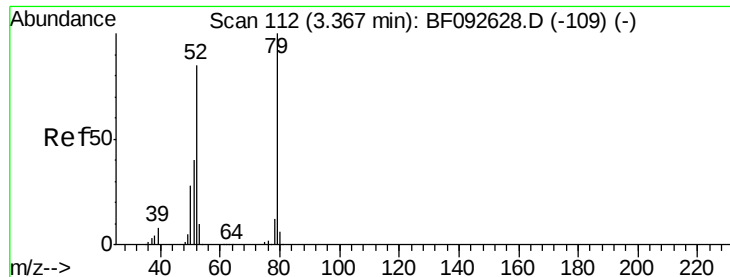
1,4-Dioxane
Concen: 33.28 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.05 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion: 88 Resp: 150194
Ion Ratio Lower Upper
88 100
58 88.0 57.8 86.8#
43 31.9 22.3 33.5



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

Pyridine

Concen: 32.31 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.05 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

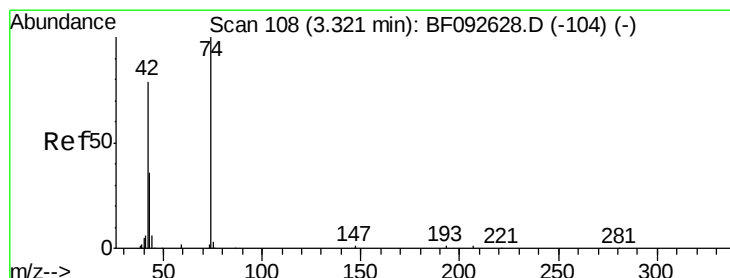
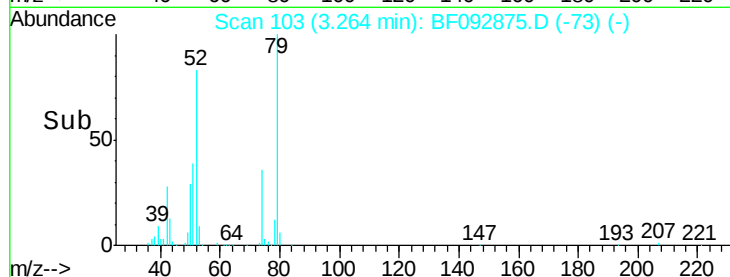
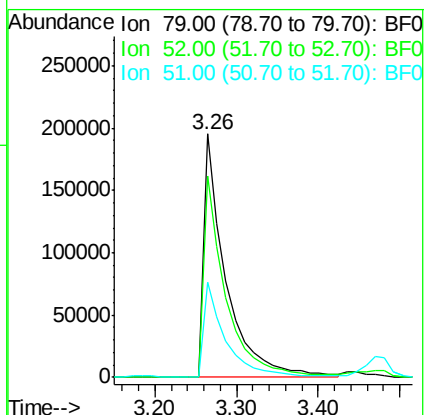
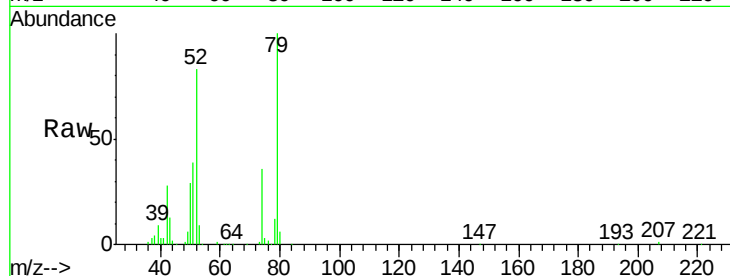
Tgt Ion: 79 Resp: 370711

Ion Ratio Lower Upper

79 100

52 82.6 57.1 85.7

51 38.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.67 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

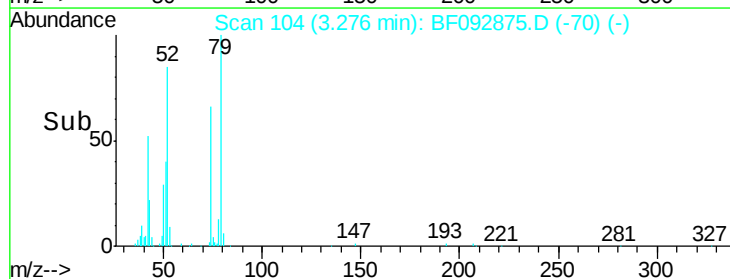
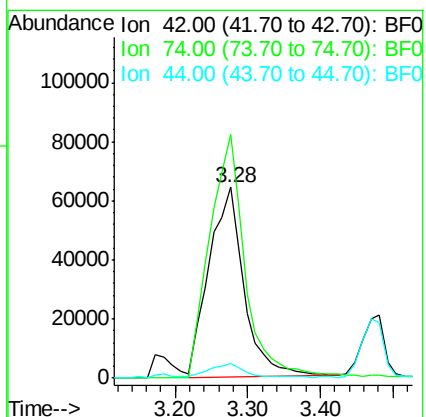
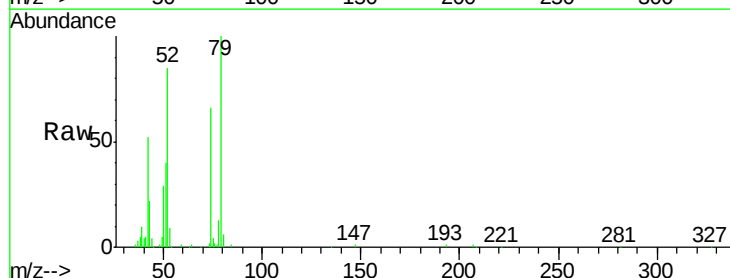
Tgt Ion: 42 Resp: 213730

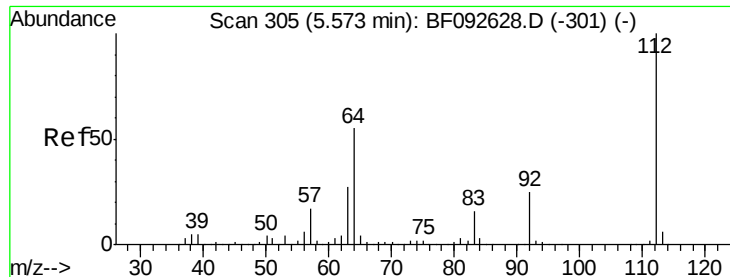
Ion Ratio Lower Upper

42 100

74 127.6 117.0 175.4

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 0.23 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

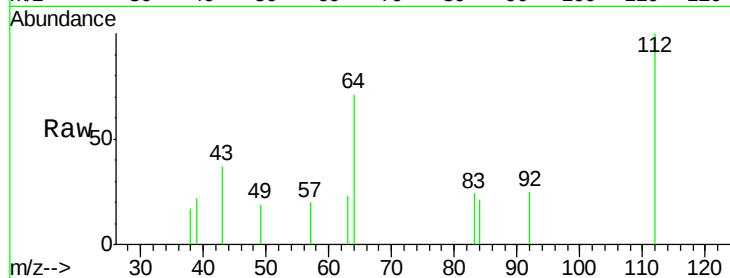
Tgt Ion: 112 Resp: 1920

Ion Ratio Lower Upper

112 100

64 70.7 46.1 69.1#

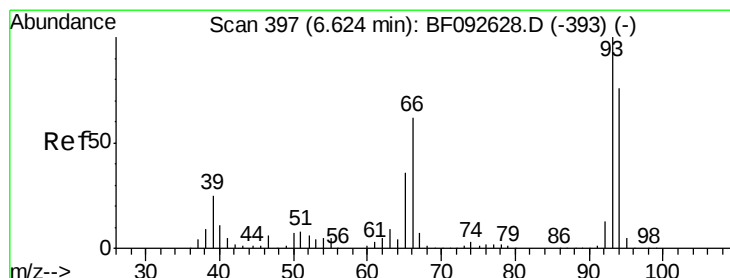
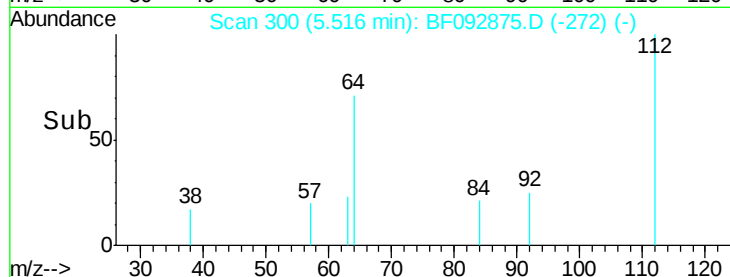
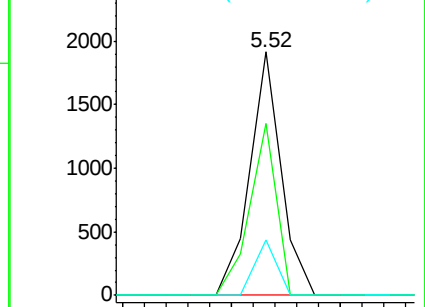
63 22.8 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.93 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

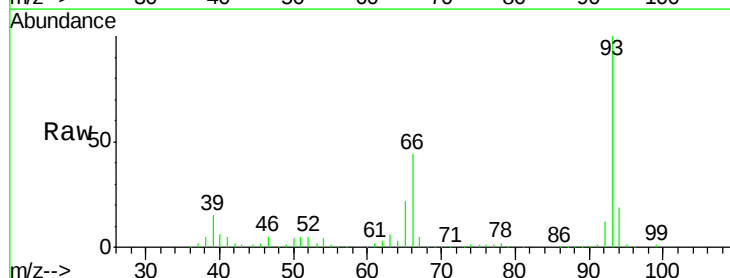
Tgt Ion: 93 Resp: 306842

Ion Ratio Lower Upper

93 100

66 44.4 76.2 114.2#

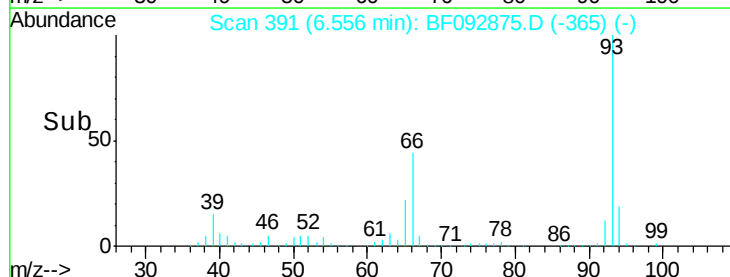
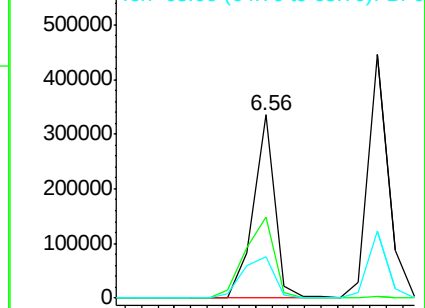
65 22.3 49.3 73.9#

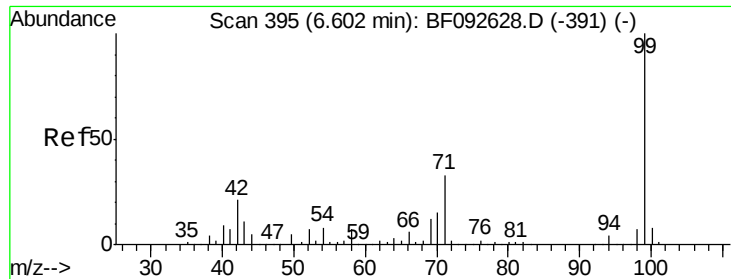


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 10.27 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

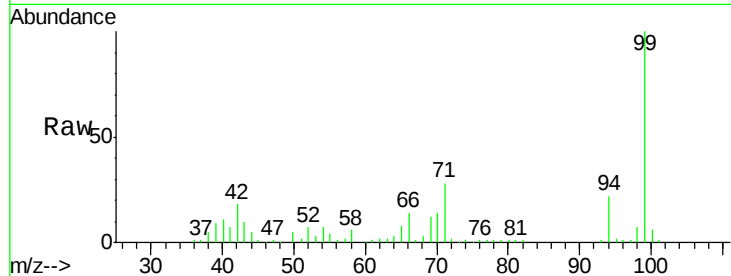
Tgt Ion: 99 Resp: 110381

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

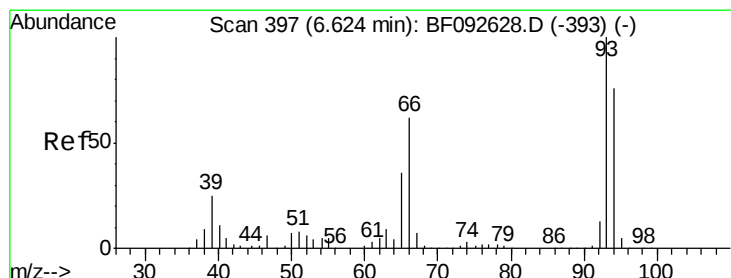
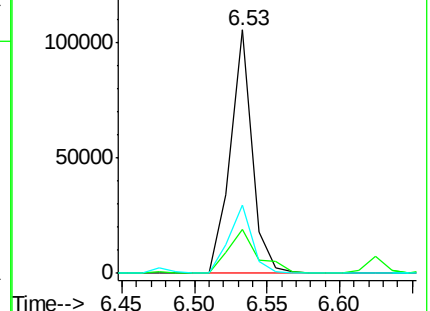
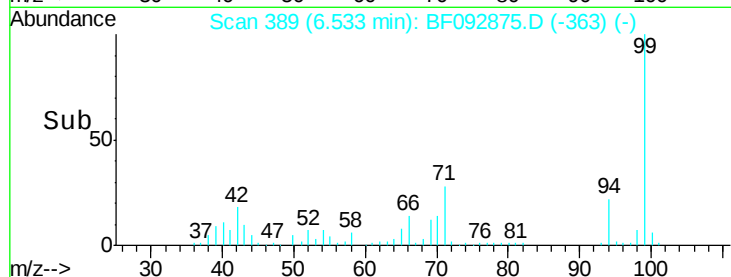
71 28.2 27.5 41.3



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



#10

Phenol

Concen: 13.76 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

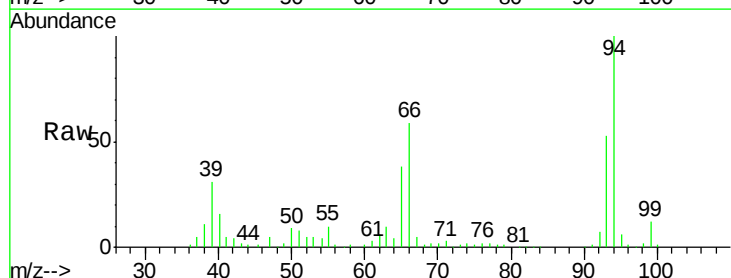
Tgt Ion: 94 Resp: 172954

Ion Ratio Lower Upper

94 100

65 38.2 21.4 61.4

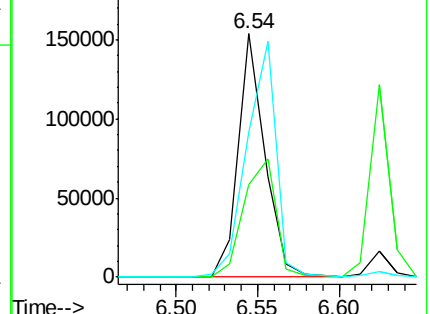
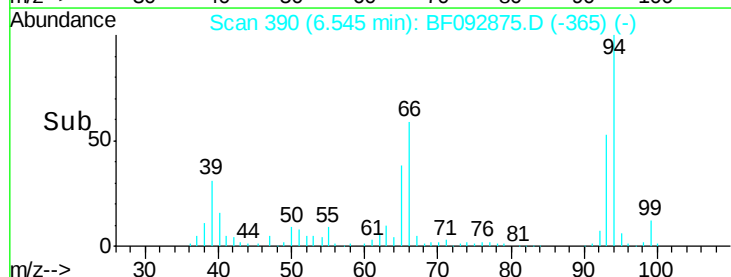
66 59.4 44.0 84.0

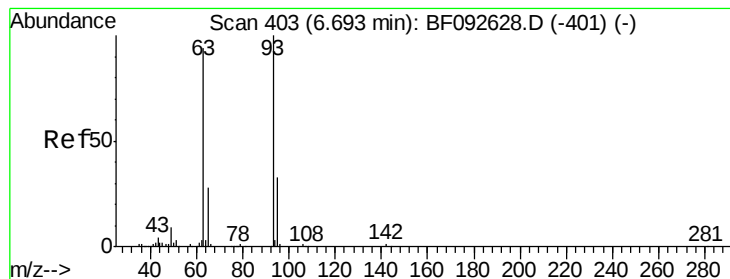


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.62 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

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ClientSampleId :

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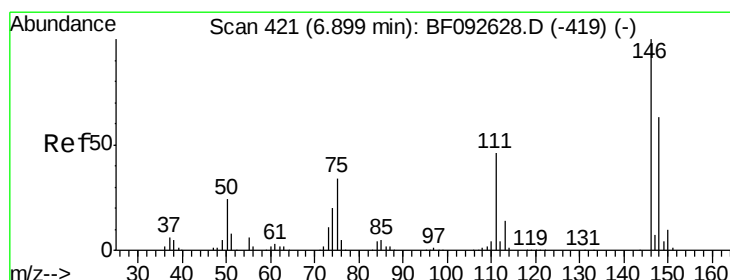
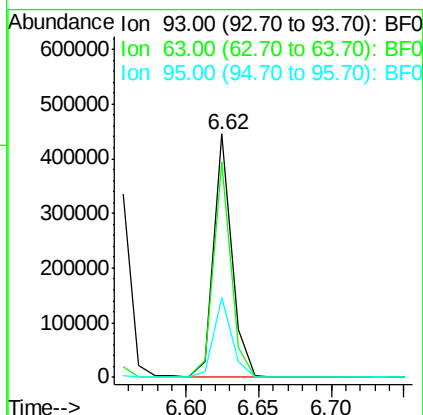
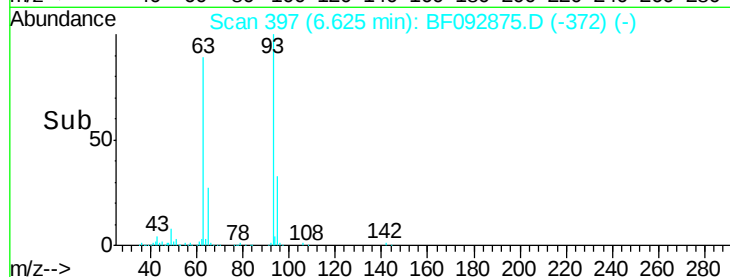
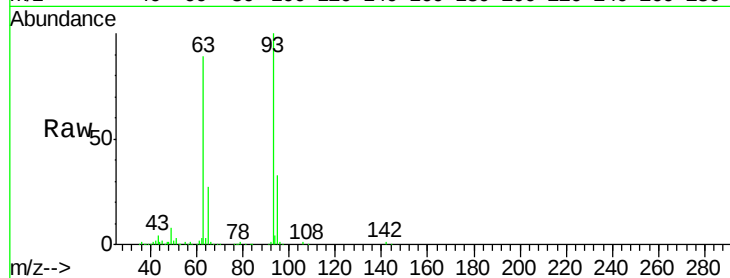
Tgt Ion: 93 Resp: 387547

Ion Ratio Lower Upper

93 100

63 88.5 60.4 100.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.41 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.23 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

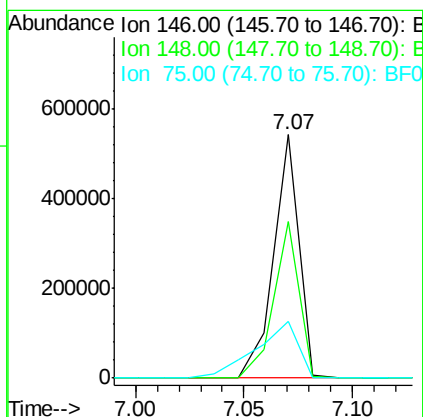
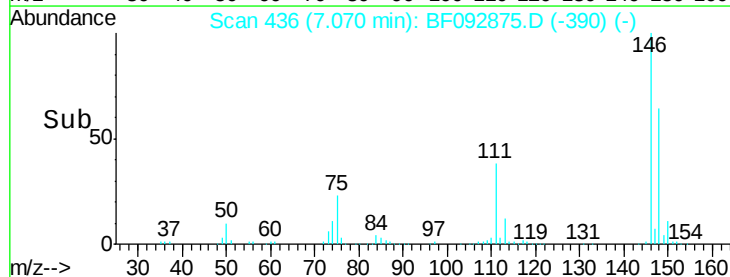
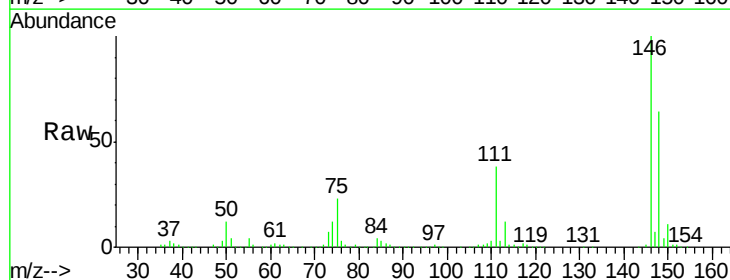
Tgt Ion: 146 Resp: 446874

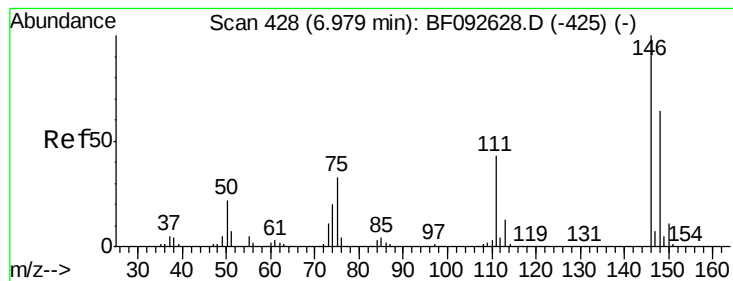
Ion Ratio Lower Upper

146 100

148 64.4 53.4 80.0

75 23.2 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 40.49 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

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ClientSampleId :

E2-B1-B2021-CONCRETEMS

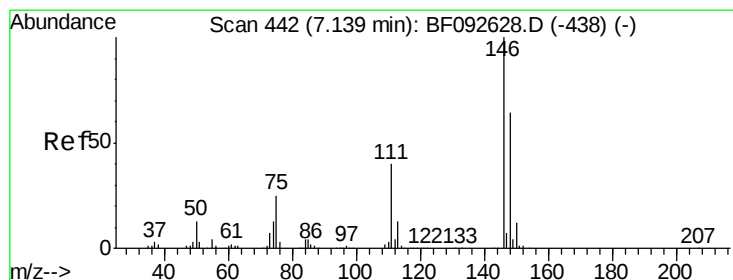
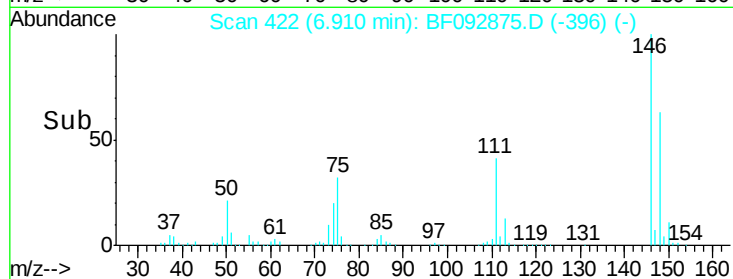
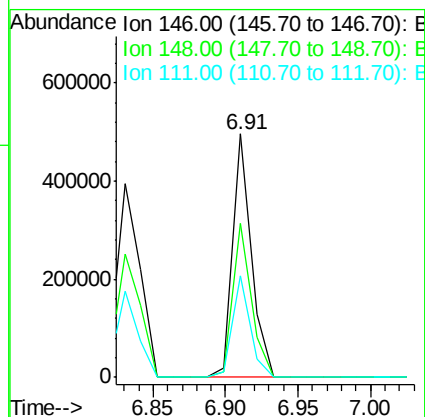
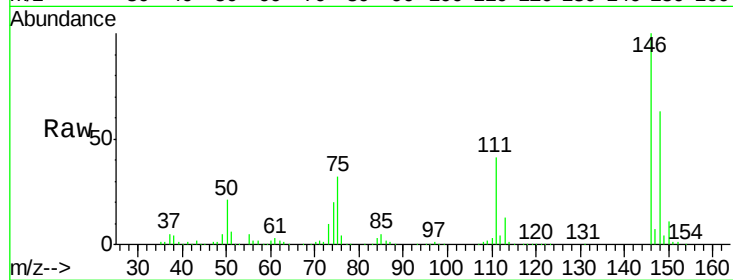
Tgt Ion:146 Resp: 442281

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

111 41.4 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 42.82 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

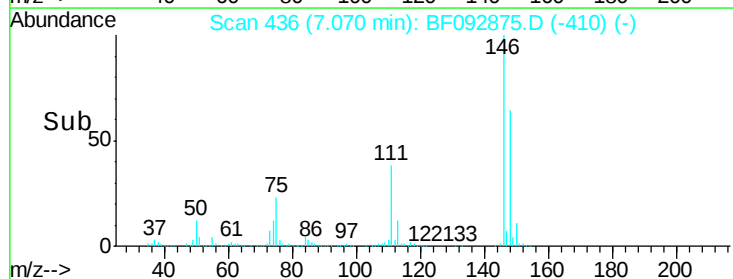
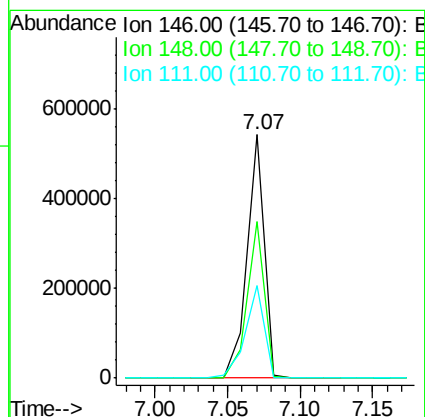
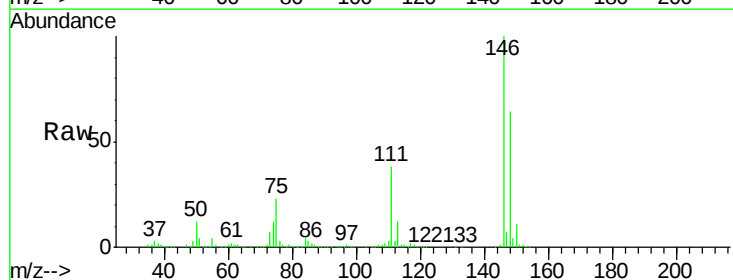
Tgt Ion:146 Resp: 447211

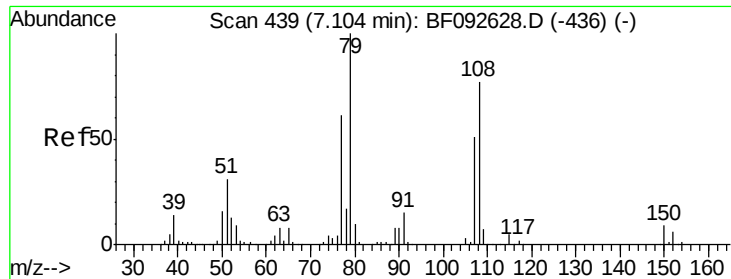
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 38.0 36.2 54.2

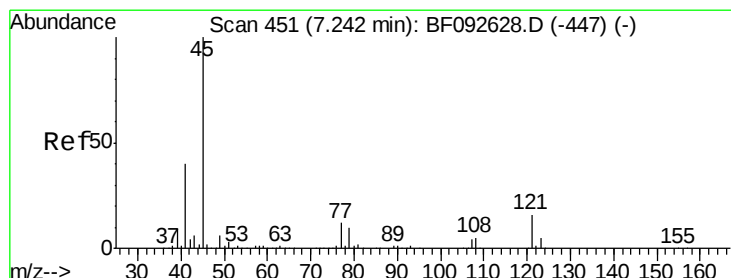
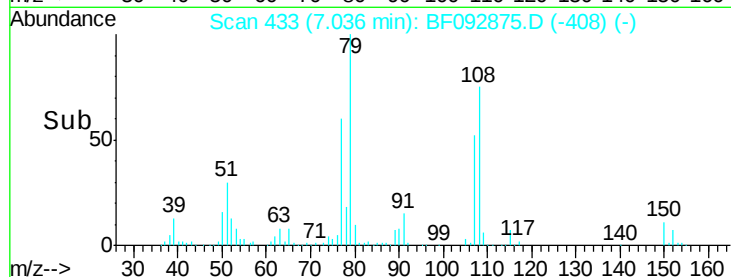
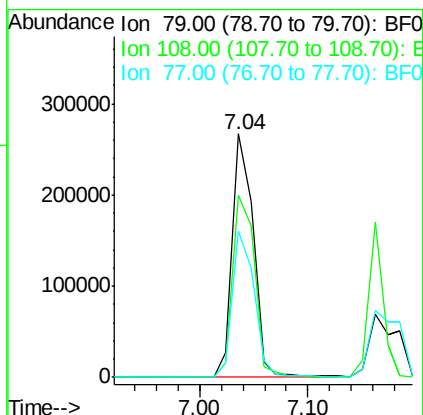
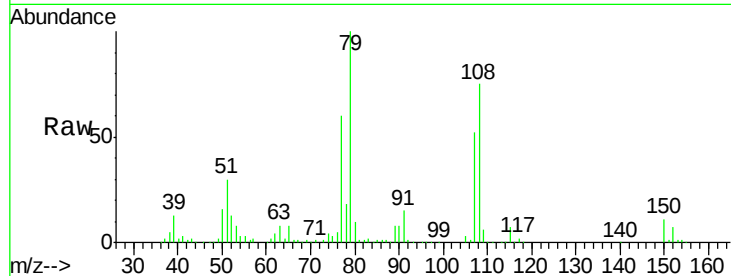




#15
Benzyl Alcohol
Concen: 44.67 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

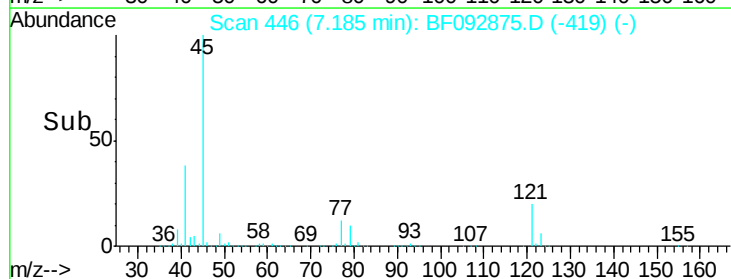
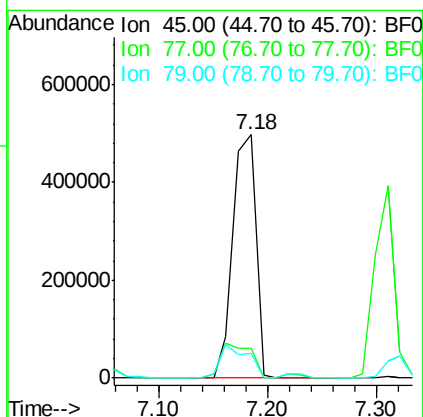
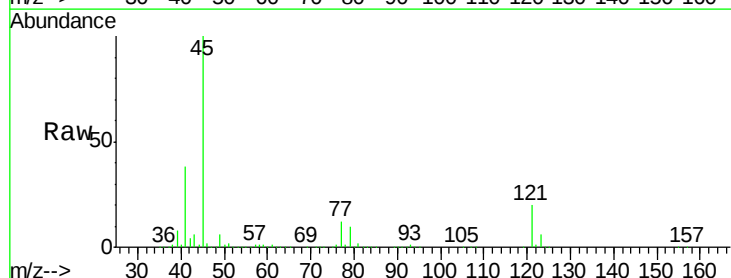
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

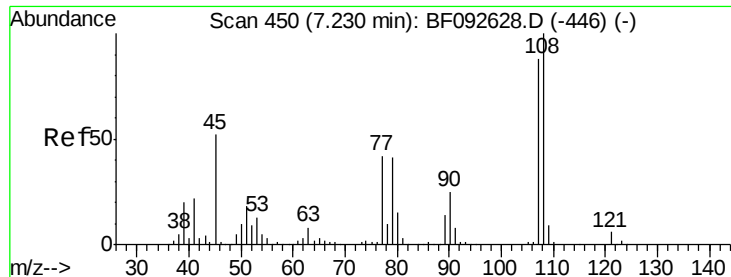
Tgt Ion: 79 Resp: 355349
Ion Ratio Lower Upper
79 100
108 74.7 61.4 92.0
77 60.0 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.40 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion: 45 Resp: 721698
Ion Ratio Lower Upper
45 100
77 12.2 0.0 34.6
79 10.3 0.0 31.2

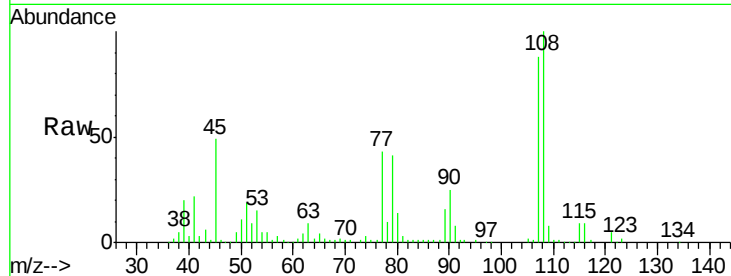




#17
2-Methylphenol
Concen: 17.29 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.0	139.6
77	48.4	39.8	59.8
79	46.3	38.0	57.0



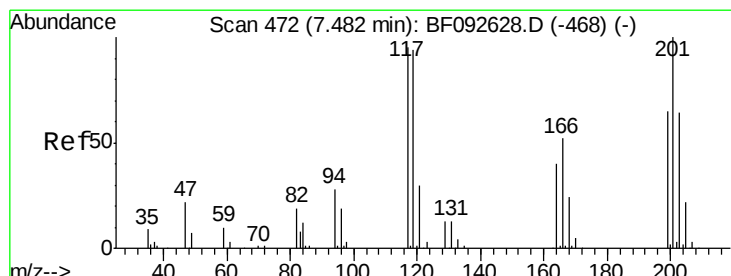
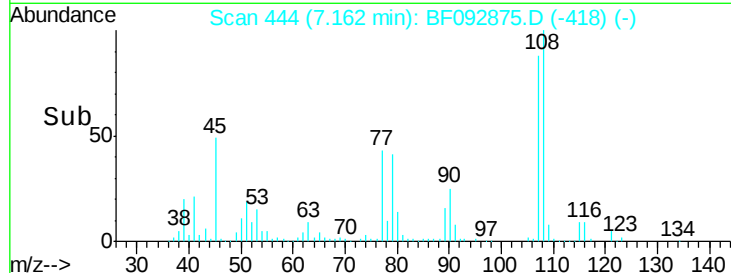
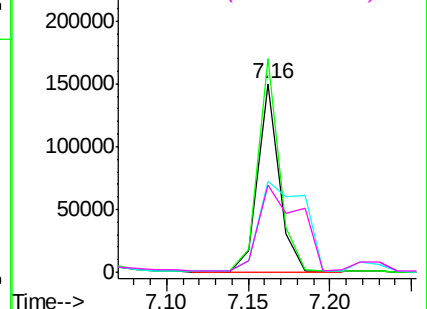
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

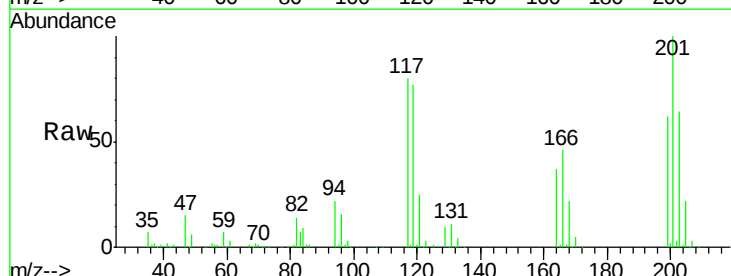
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 41.49 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.1	117.1
201	124.7	78.6	117.8#

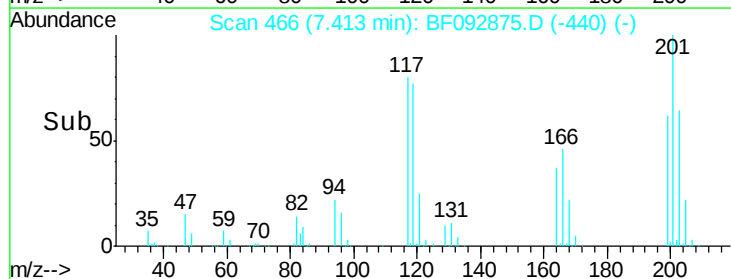
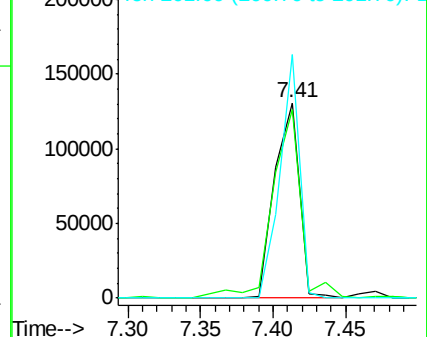


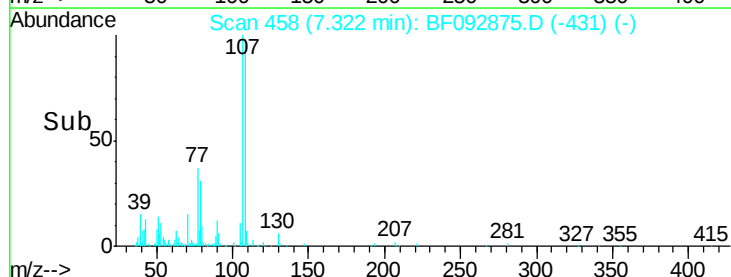
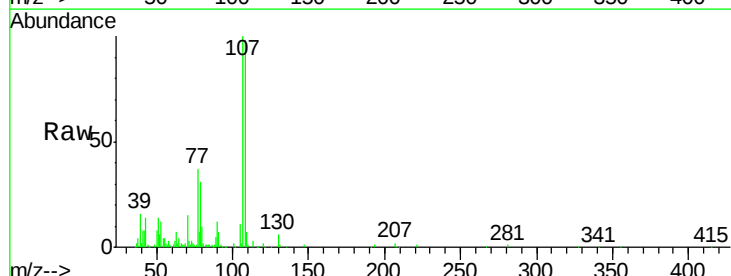
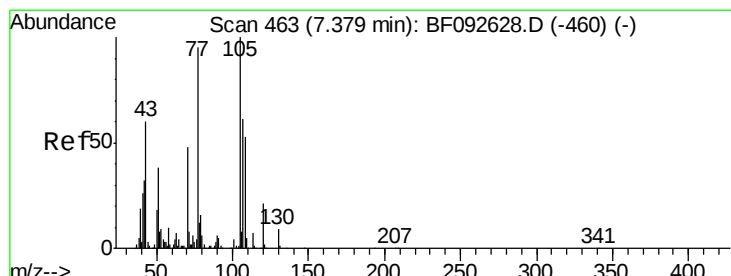
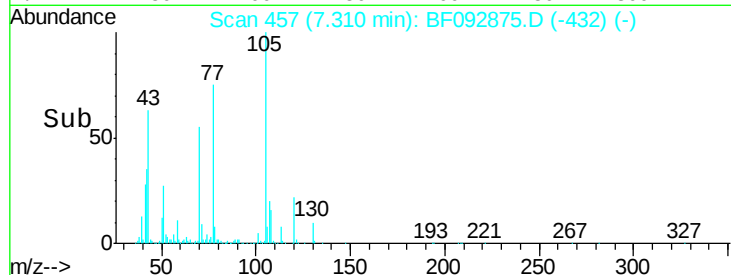
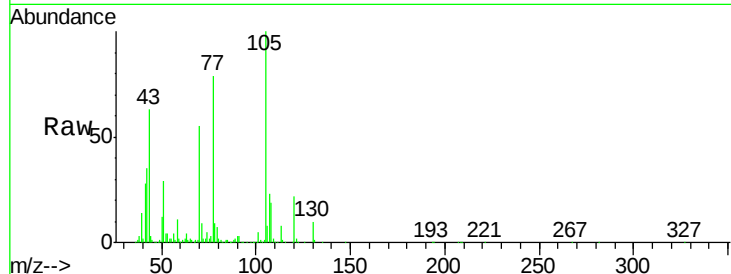
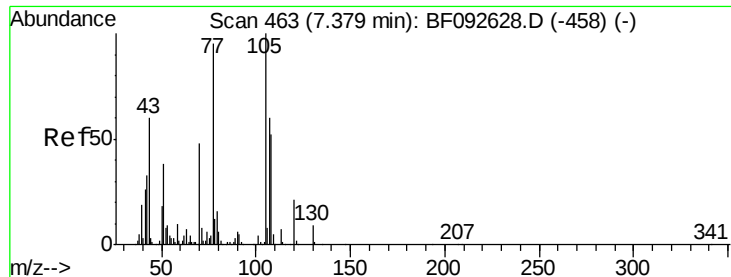
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

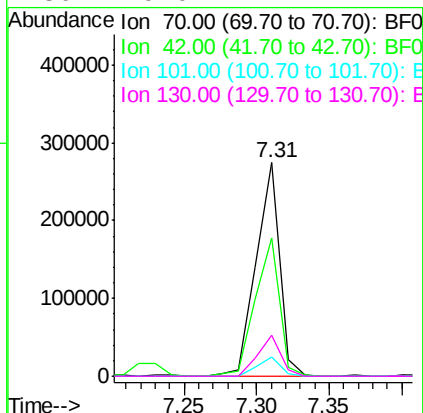




#19
n-Nitroso-di-n-propylamine
Concen: 44.76 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

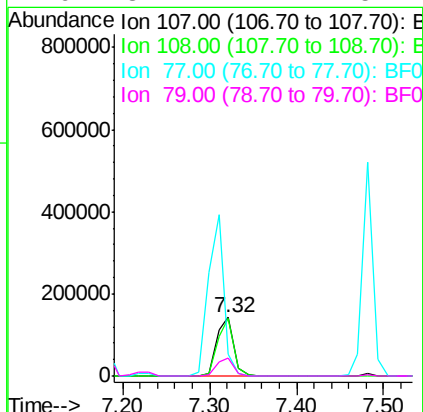
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

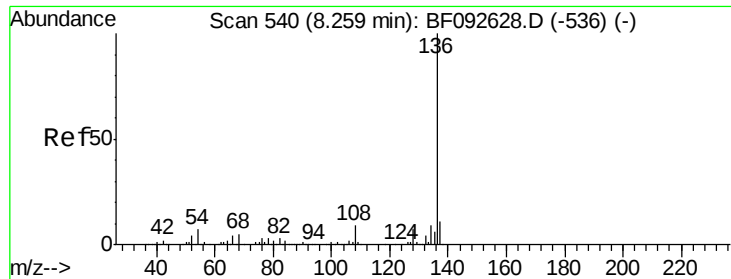
Tgt Ion: 70 Resp: 306213
Ion Ratio Lower Upper
70 100
42 64.5 49.4 74.0
101 9.1 7.4 11.2
130 19.0 14.2 21.4



#20
3+4-Methylphenols
Concen: 21.21 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion: 107 Resp: 200478
Ion Ratio Lower Upper
107 100
108 98.2 73.0 113.0
77 37.3 71.3 111.3#
79 31.2 11.1 51.1

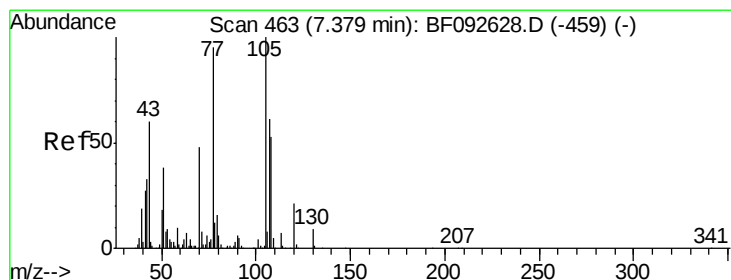
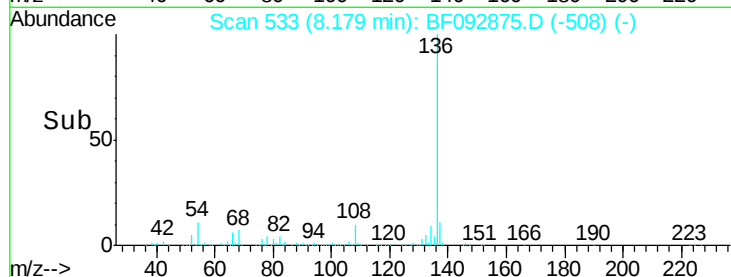
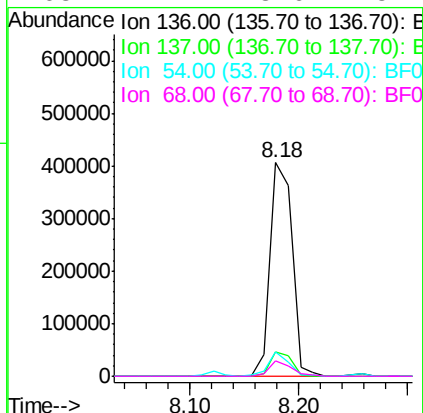
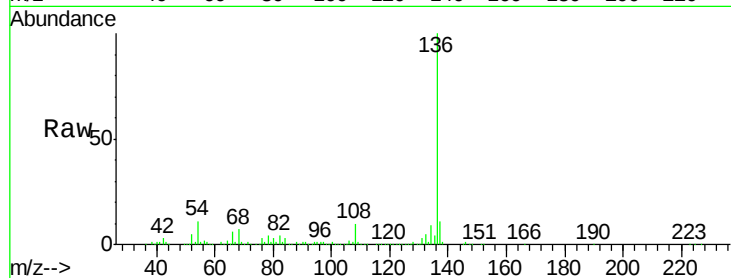




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

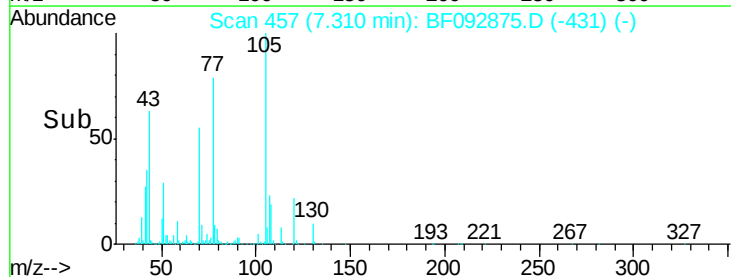
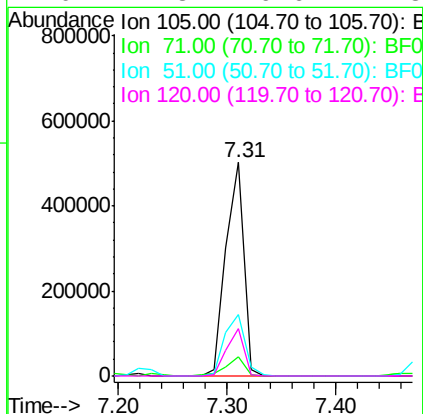
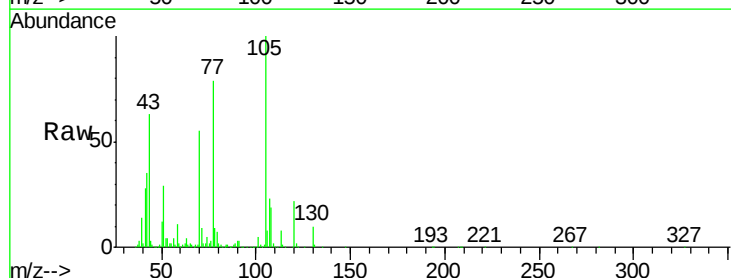
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

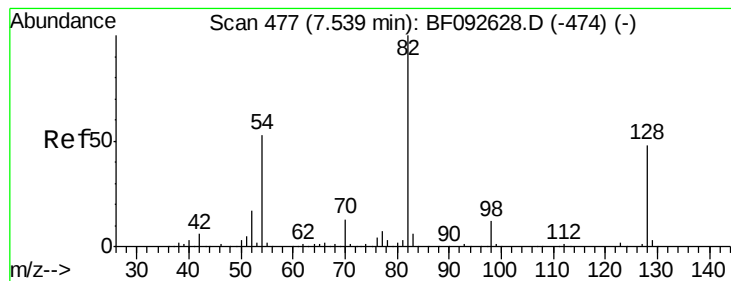
Tgt Ion:	136	Resp:	573654
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.1	4.5	6.7#
68	7.4	3.6	5.4#



#22
Acetophenone
Concen: 43.96 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion:	105	Resp:	575758
Ion	Ratio	Lower	Upper
105	100		
71	9.2	3.2	4.8#
51	28.6	26.2	39.4
120	22.3	16.6	24.8





#23

Nitrobenzene-d5

Concen: 97.45 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

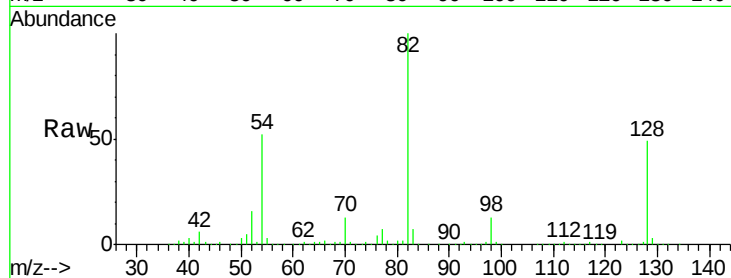
Tgt Ion: 82 Resp: 1003866

Ion Ratio Lower Upper

82 100

128 48.6 34.6 52.0

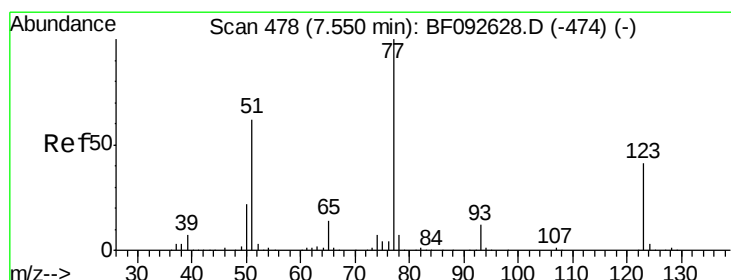
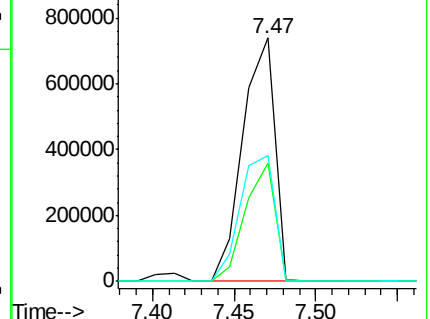
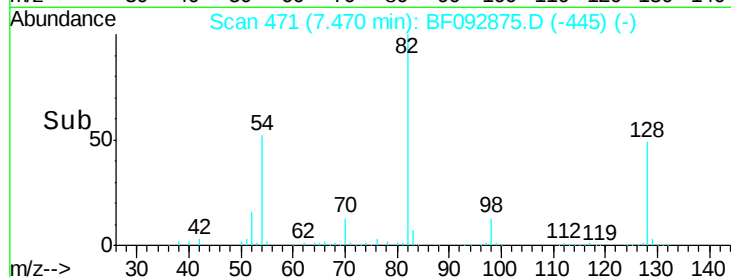
54 51.9 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.96 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

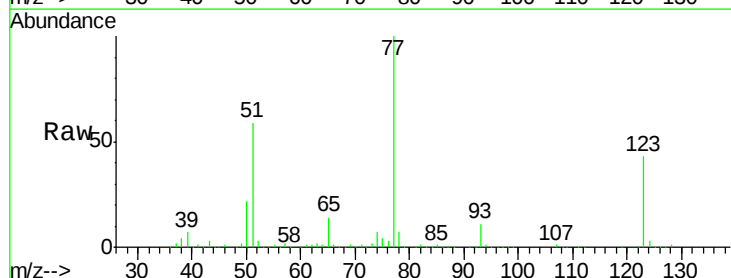
Tgt Ion: 77 Resp: 422723

Ion Ratio Lower Upper

77 100

123 43.5 33.0 49.4

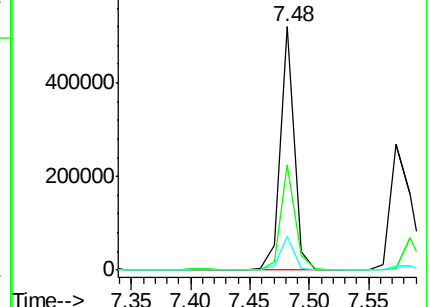
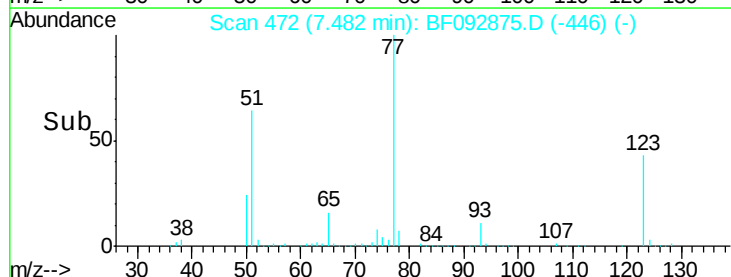
65 14.1 11.2 16.8

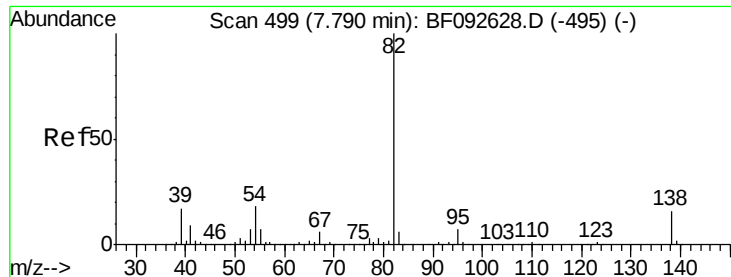


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.08 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

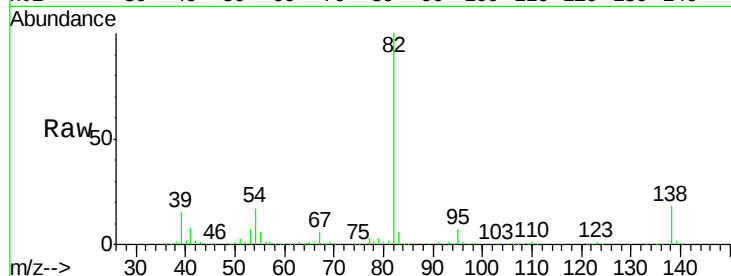
Tgt Ion: 82 Resp: 903695

Ion Ratio Lower Upper

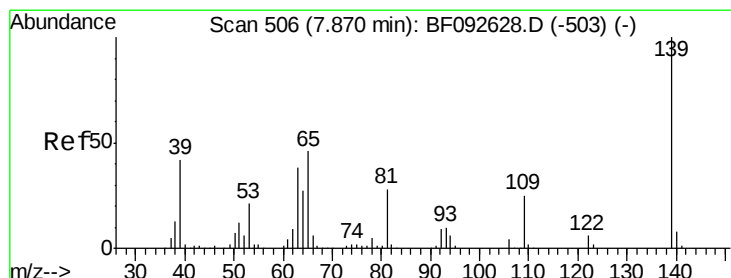
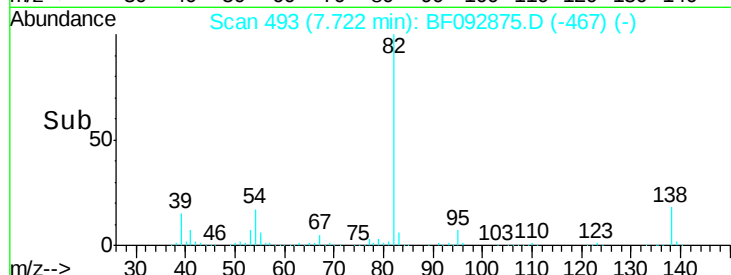
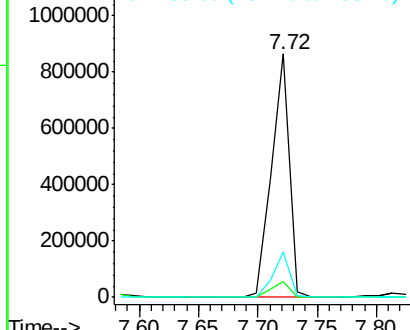
82 100

95 6.6 5.6 8.4

138 18.4 14.6 22.0



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: 3.13 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.08 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

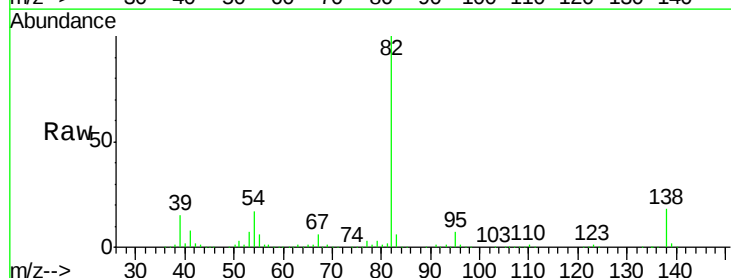
Tgt Ion: 139 Resp: 15715

Ion Ratio Lower Upper

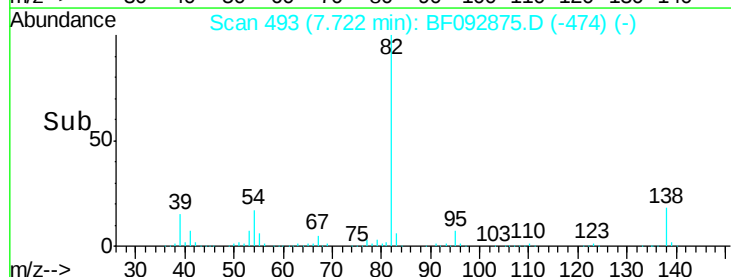
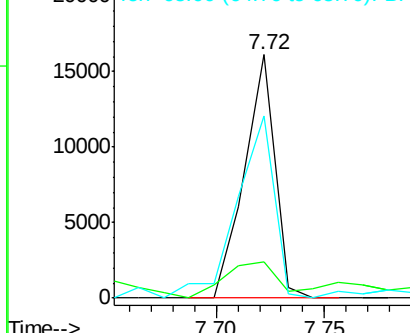
139 100

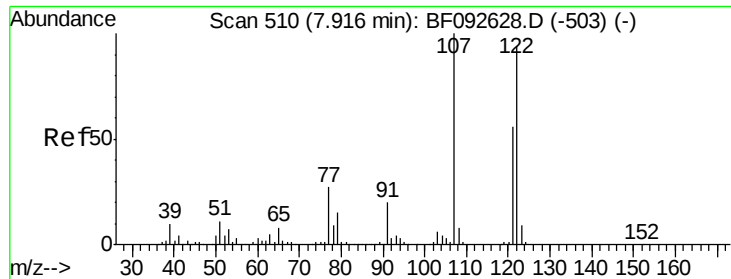
109 14.8 23.3 34.9#

65 74.9 42.7 64.1#



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: 19.56 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

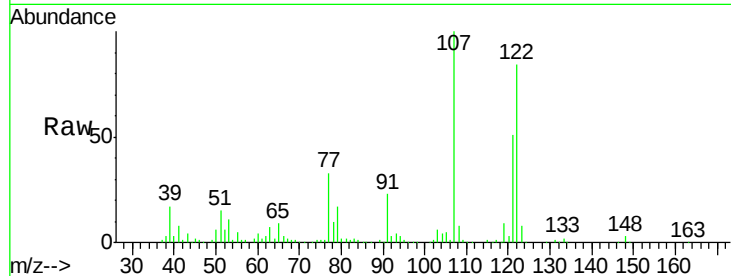
Tgt Ion:122 Resp: 172750

Ion Ratio Lower Upper

122 100

107 119.1 94.1 141.1

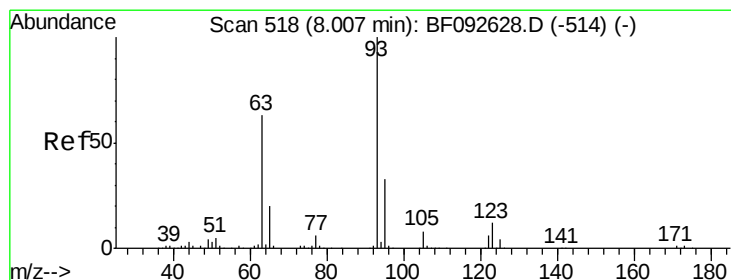
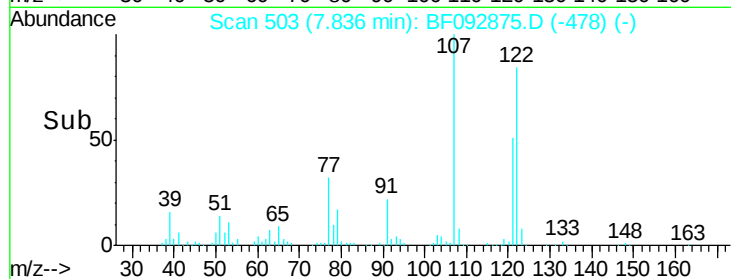
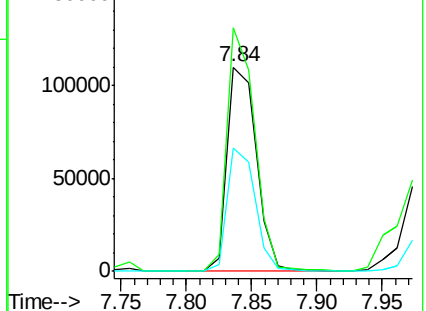
121 60.2 46.0 69.0



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: 42.46 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

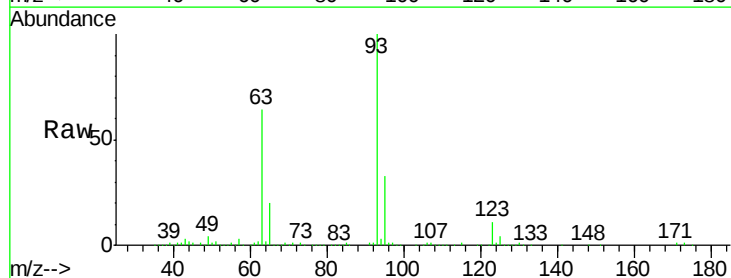
Tgt Ion: 93 Resp: 539789

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

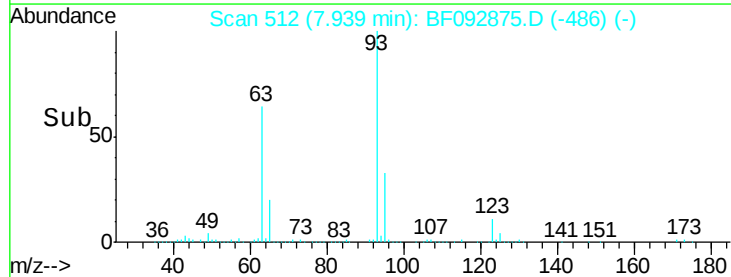
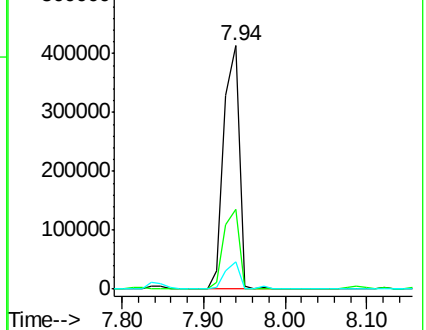
123 11.4 8.6 13.0

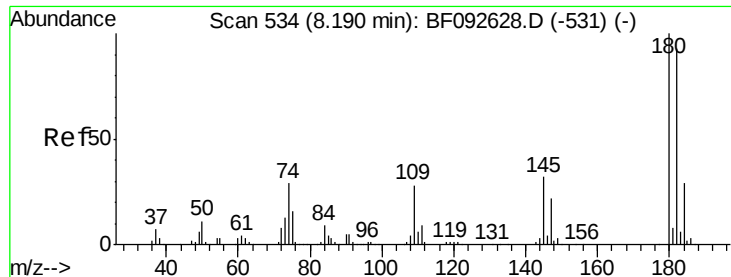


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

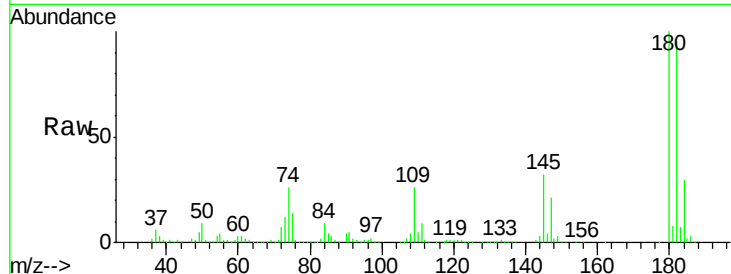




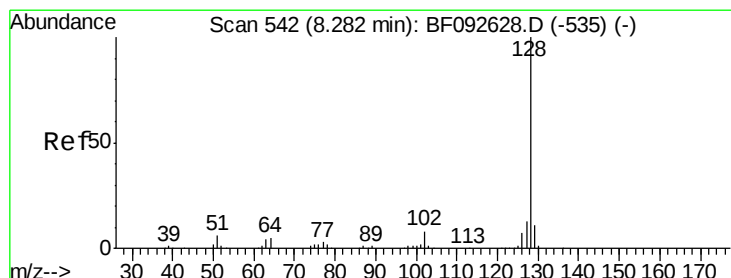
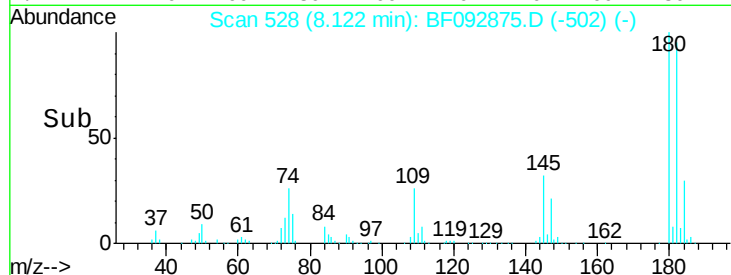
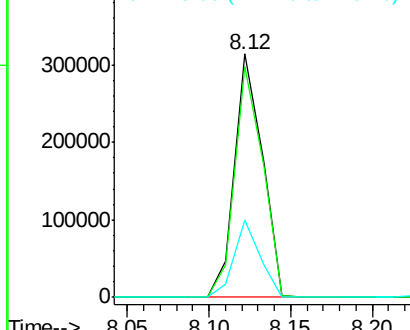
#30
 1,2,4-Trichlorobenzene
 Concen: 41.57 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

Tgt Ion:180 Resp: 368978
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.2 117.4
 145 31.8 21.6 32.4

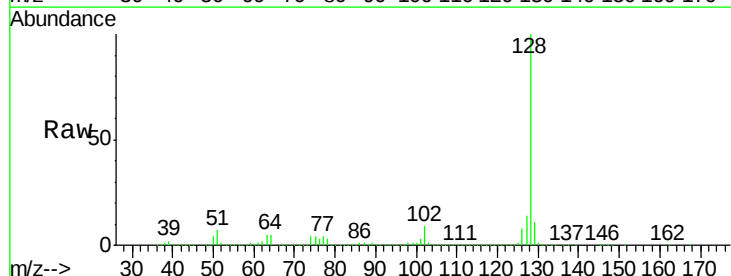


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

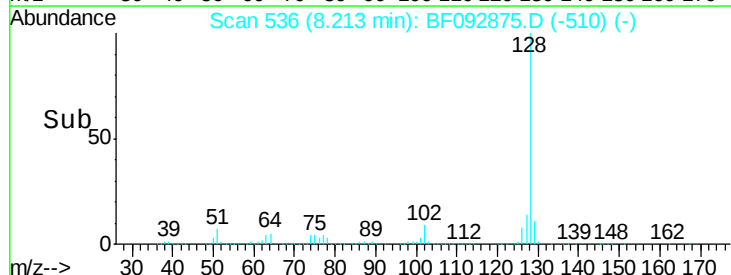
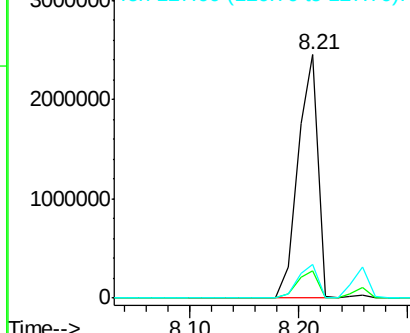


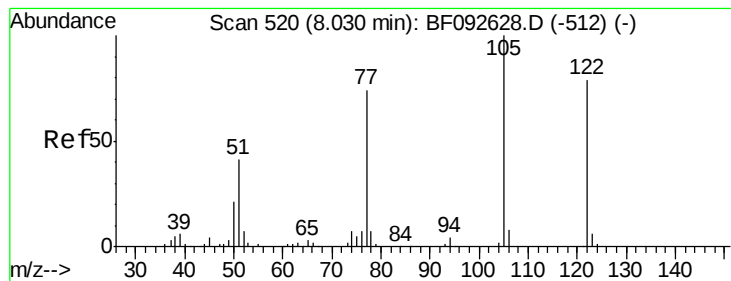
#31
 Naphthalene
 Concen: 107.39 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Tgt Ion:128 Resp: 3122785
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.5 14.3
 127 14.1 10.8 16.2



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





#32

Benzoic acid

Concen: 17.13 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

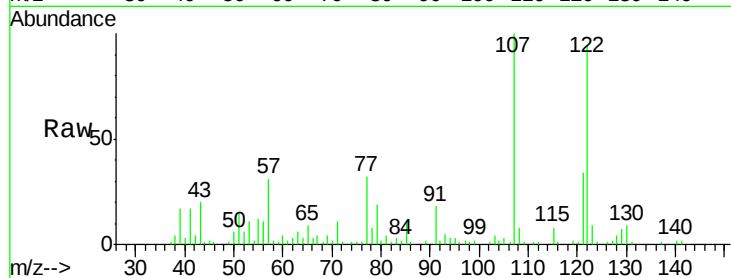
Tgt Ion:122 Resp: 58586

Ion Ratio Lower Upper

122 100

105 3.4 107.2 147.2#

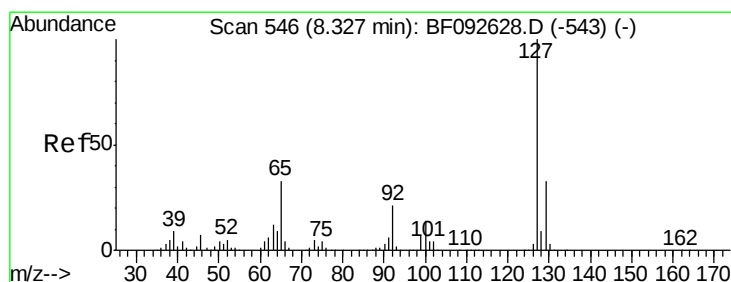
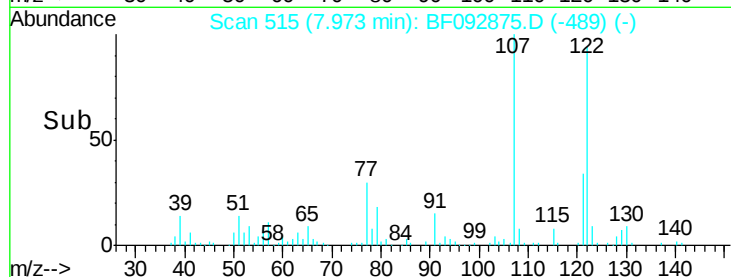
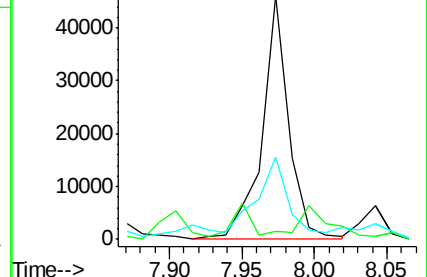
77 33.7 74.5 114.5#



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: 29.28 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:127 Resp: 333953

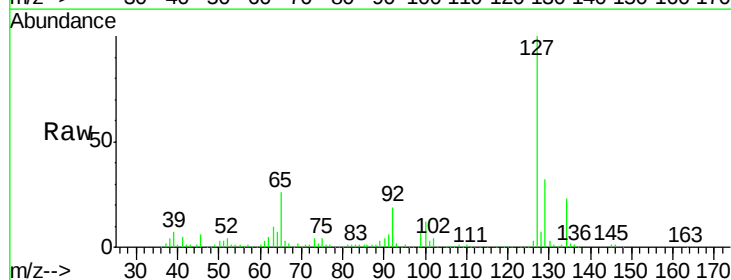
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 26.2 25.8 38.8

92 18.7 16.1 24.1

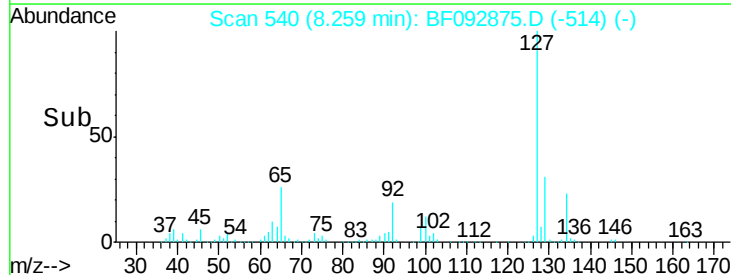
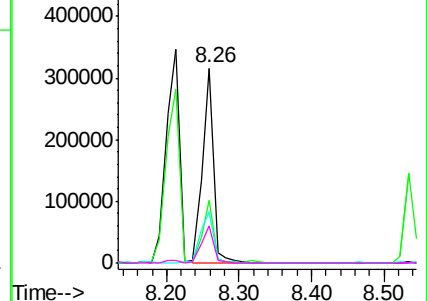


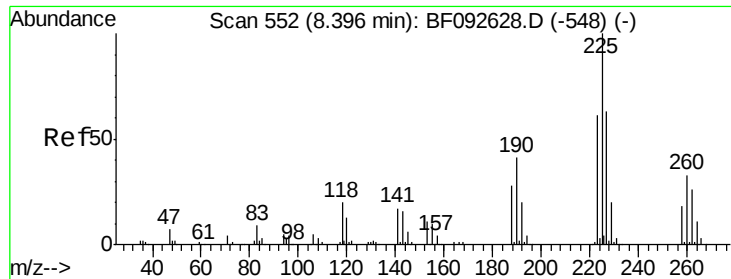
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

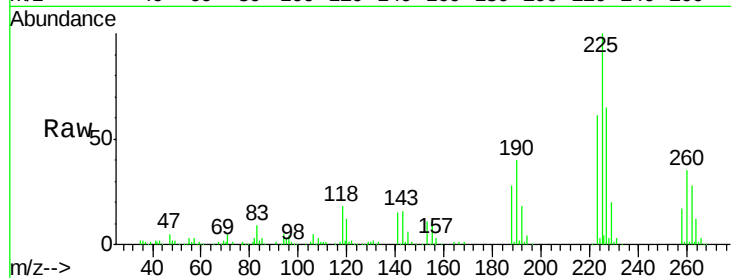




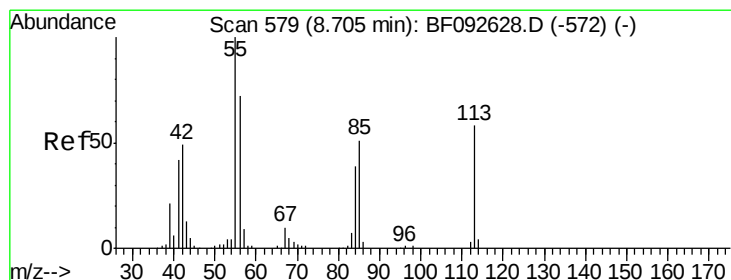
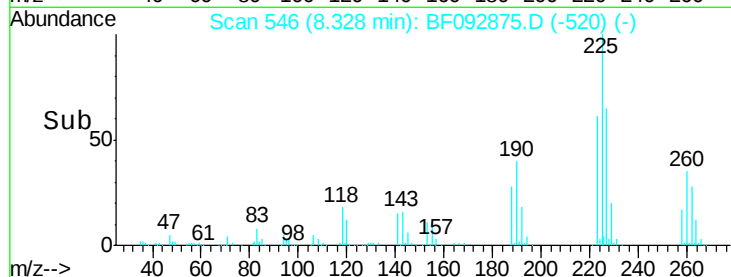
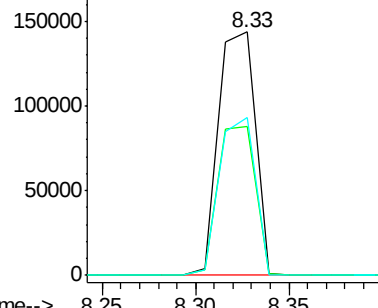
#34
Hexachlorobutadiene
Concen: 40.26 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tgt Ion:225 Resp: 196583
Ion Ratio Lower Upper
225 100
223 61.4 51.0 76.6
227 64.9 50.6 76.0

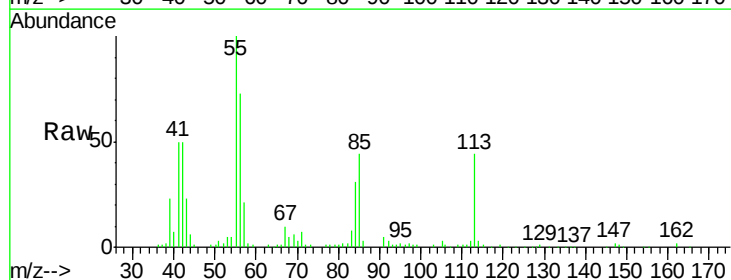


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

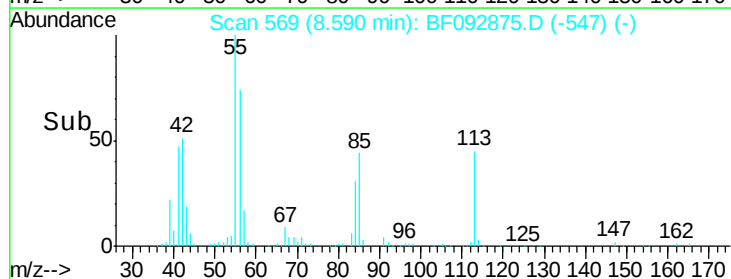
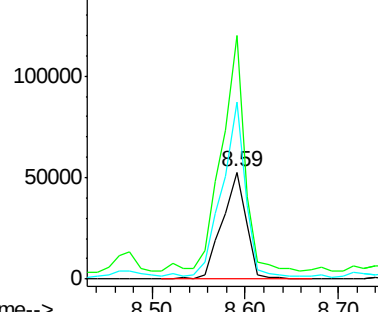


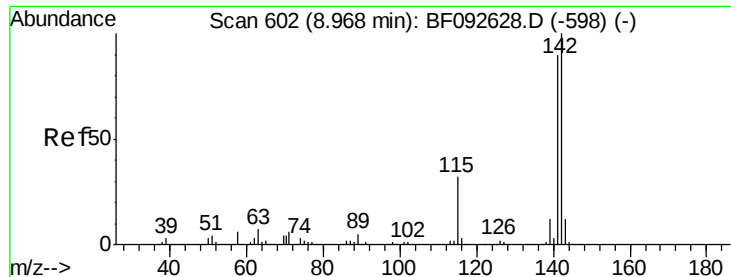
#35
Caprolactam
Concen: 36.36 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.05 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion:113 Resp: 94204
Ion Ratio Lower Upper
113 100
55 227.0 119.2 159.2#
56 165.4 83.8 123.8#



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

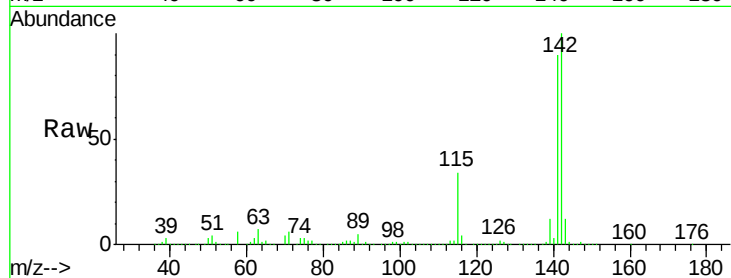




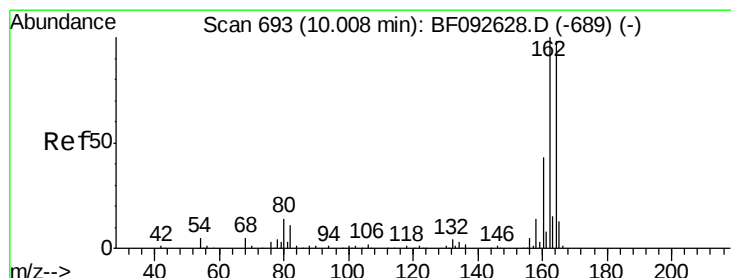
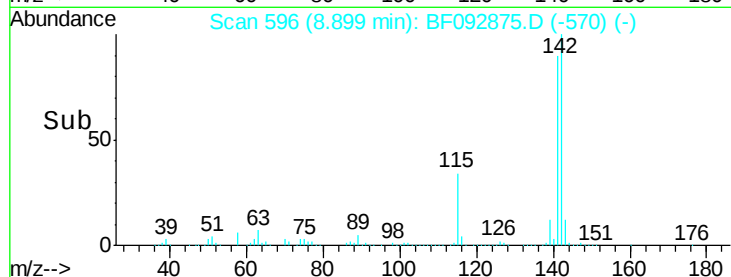
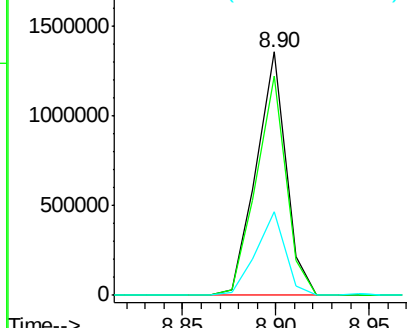
#37
2-Methylnaphthalene
Concen: 80.87 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tgt Ion:142 Resp: 1509917
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 34.2 28.3 42.5

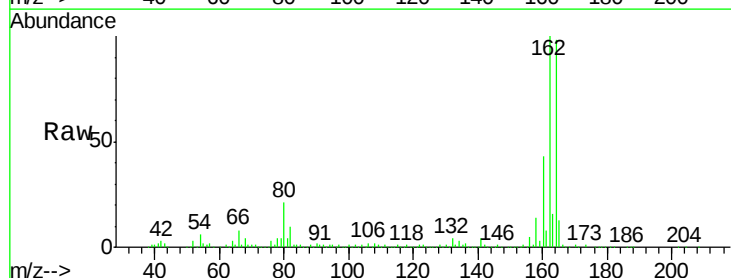


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

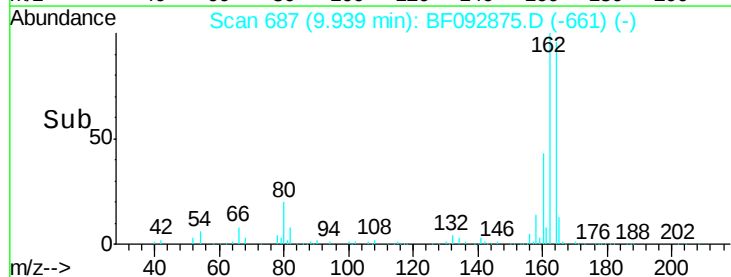
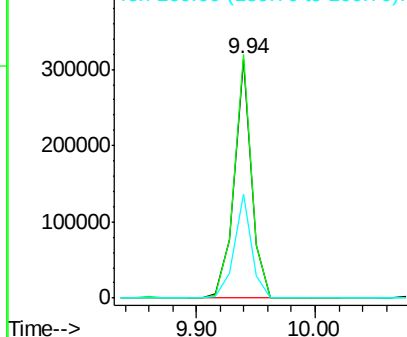


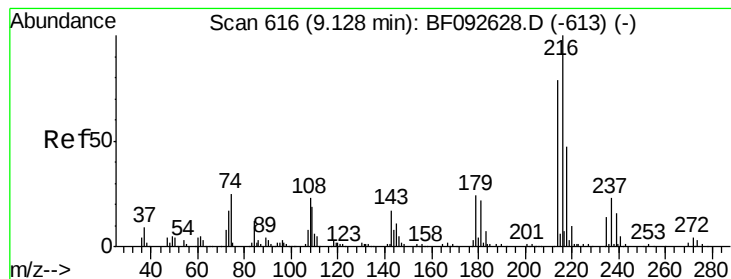
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion:164 Resp: 321556
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 43.7 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.91 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tgt Ion:216 Resp: 333199

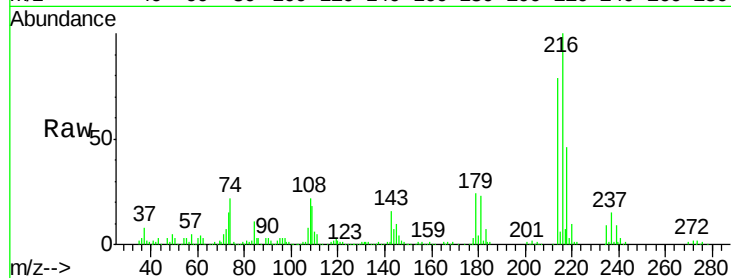
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 22.3 17.4 26.2

108 20.2 15.6 23.4

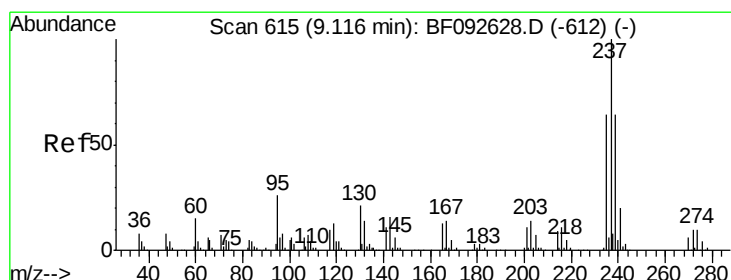
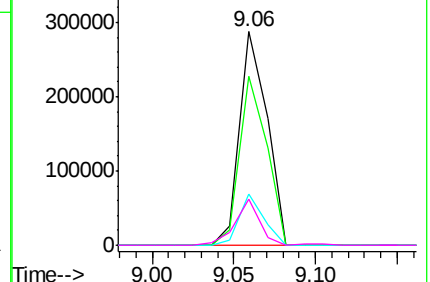
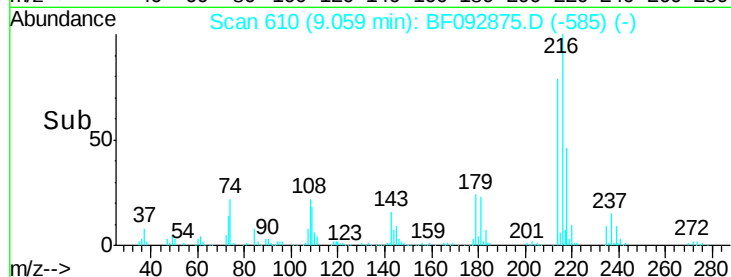


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.51 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

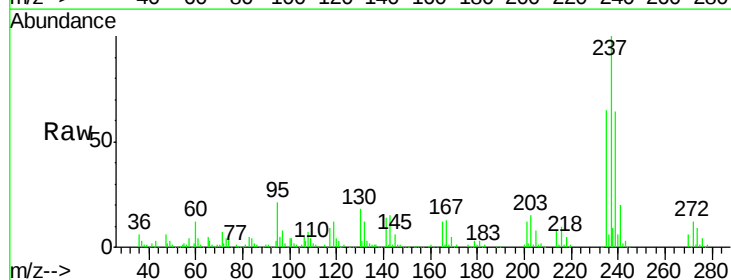
Tgt Ion:237 Resp: 230126

Ion Ratio Lower Upper

237 100

235 64.9 41.2 81.2

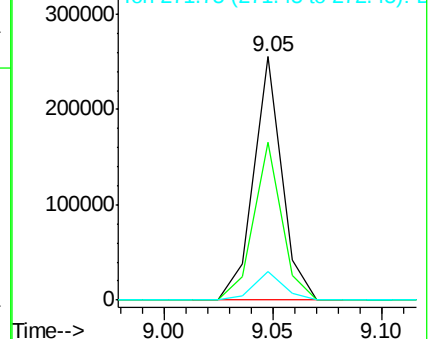
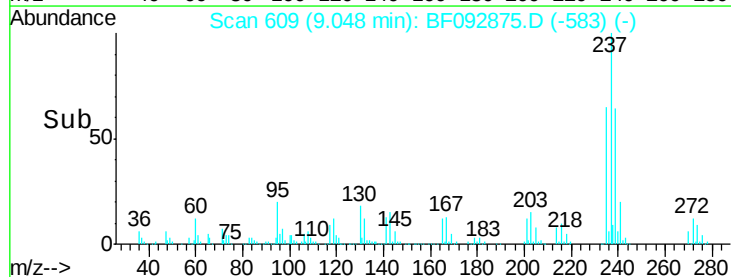
272 11.9 0.0 35.4

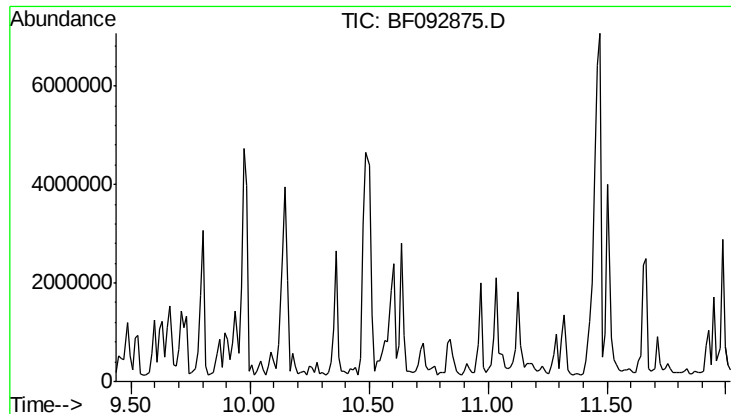


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.73 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

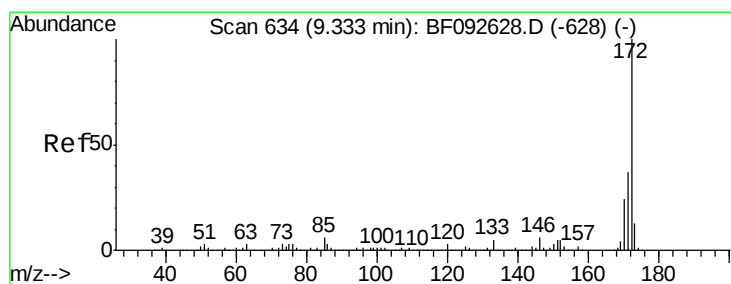
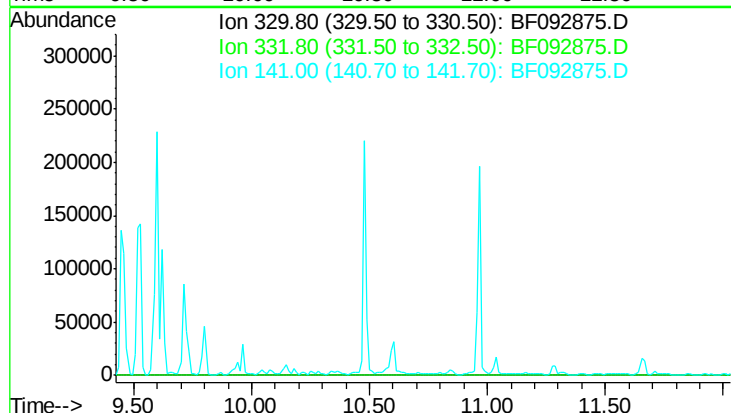
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.8

141 42.6



#44

2-Fluorobiphenyl

Concen: 100.58 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

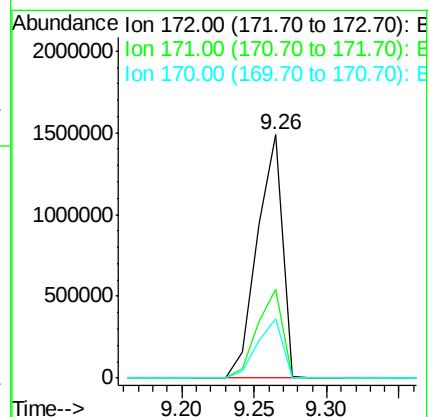
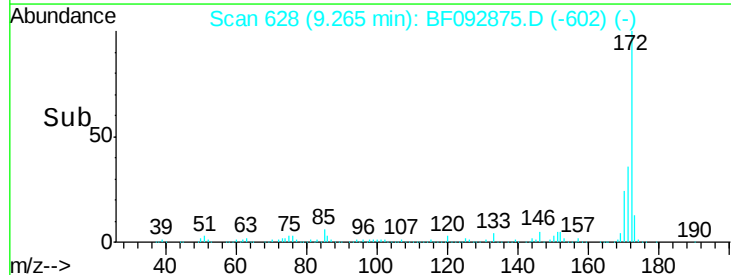
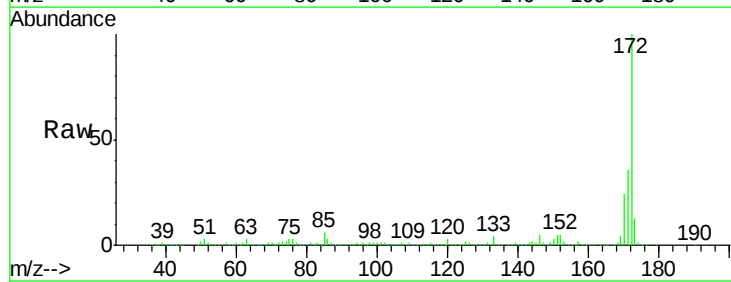
Tgt Ion:172 Resp: 1785247

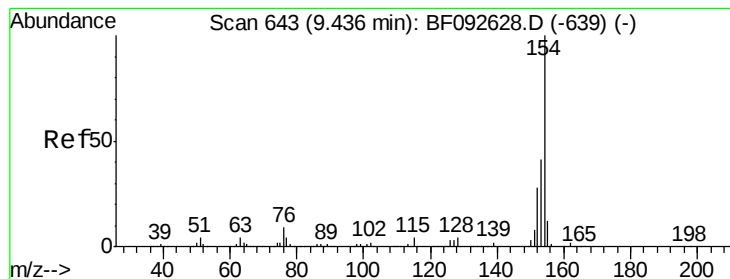
Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

170 24.5 20.2 30.4





#45

1,1'-Biphenyl

Concen: 50.50 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

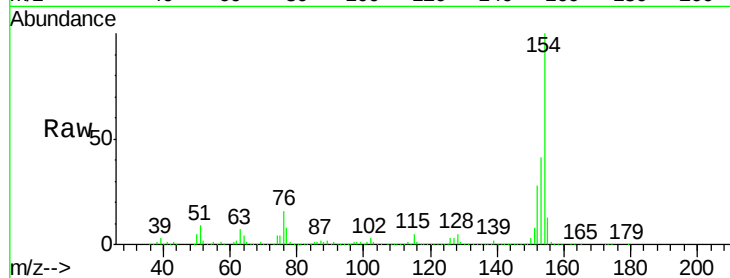
Tgt Ion:154 Resp: 1175928

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

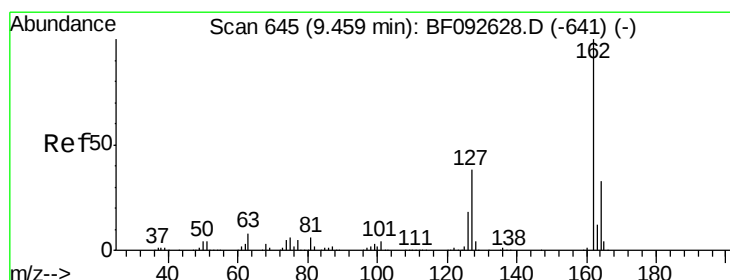
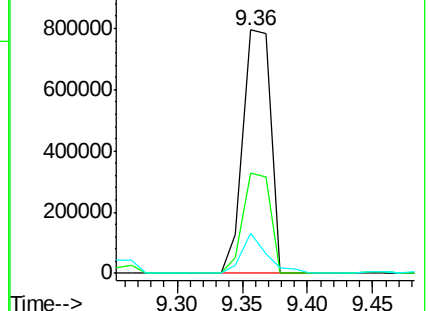
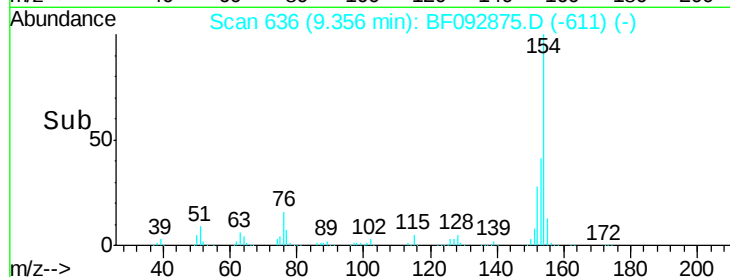
76 16.5 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.89 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

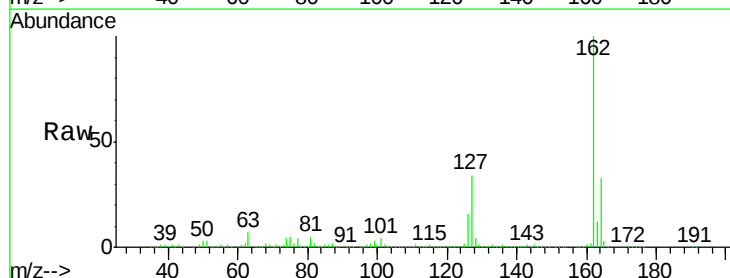
Tgt Ion:162 Resp: 781251

Ion Ratio Lower Upper

162 100

127 34.5 30.7 46.1

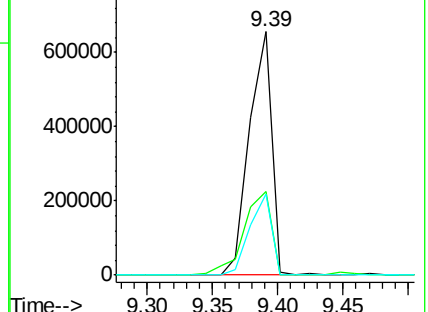
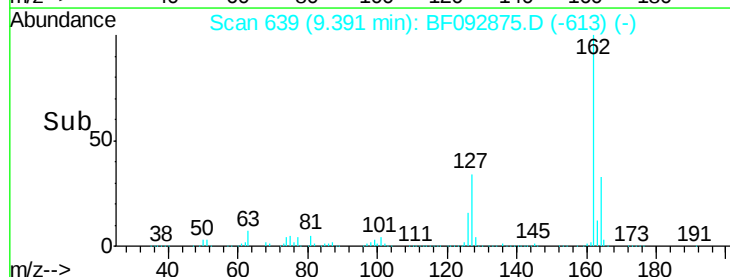
164 33.1 27.6 41.4

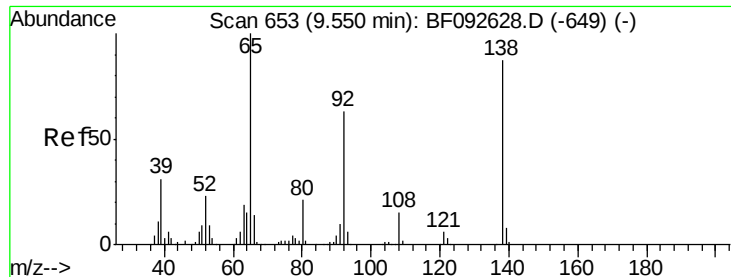


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

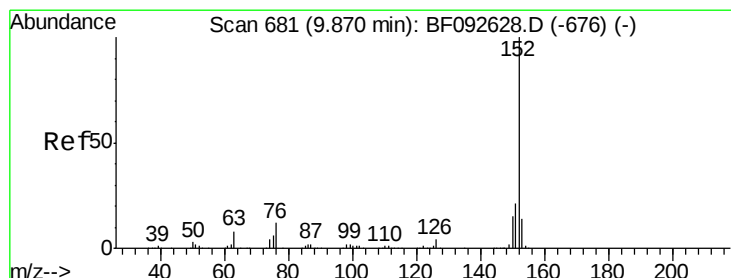
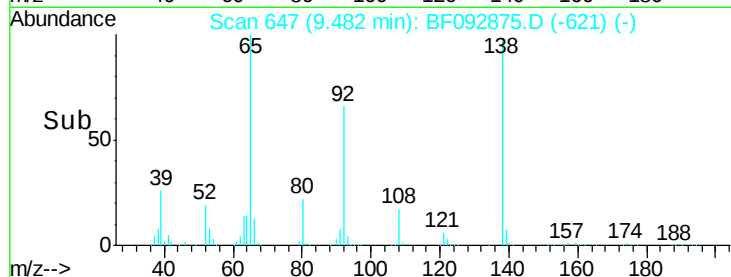
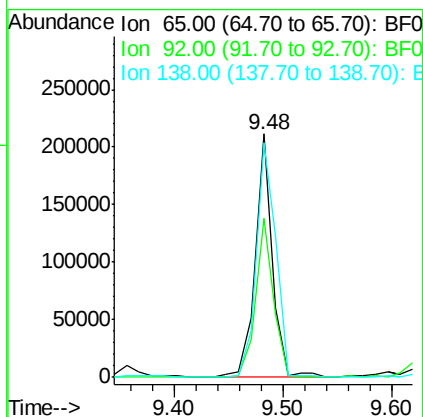
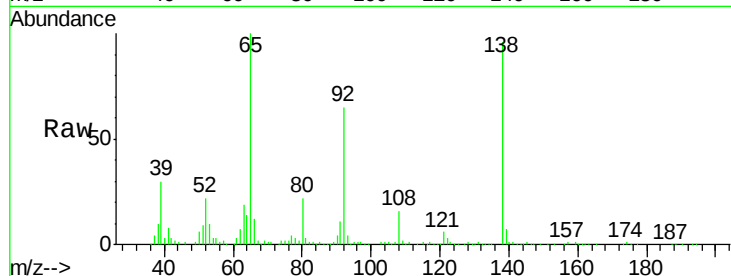




#47
2-Nitroaniline
Concen: 37.36 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

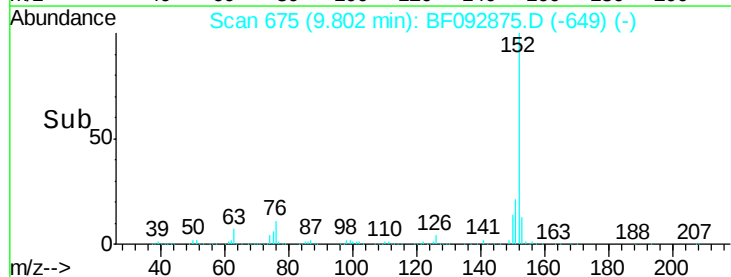
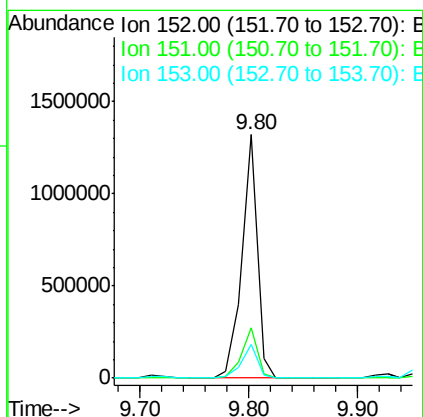
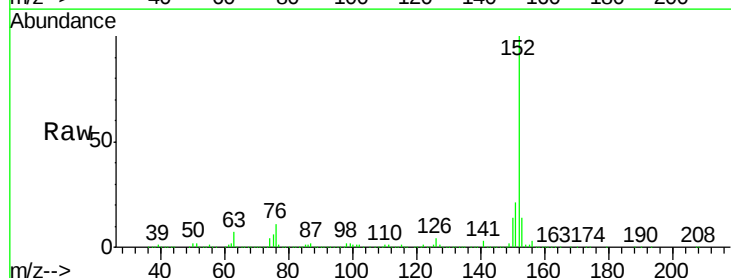
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

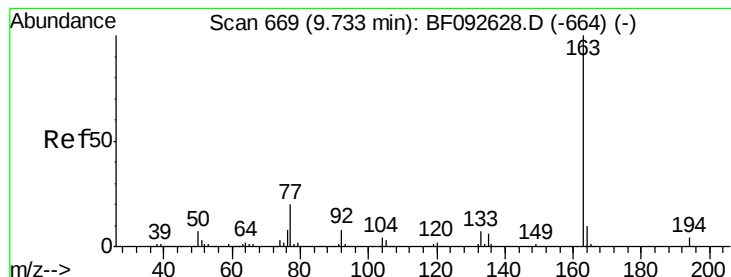
Tgt Ion: 65 Resp: 228785
Ion Ratio Lower Upper
65 100
92 65.3 53.9 80.9
138 96.2 76.8 115.2



#48
Acenaphthylene
Concen: 40.66 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion: 152 Resp: 1279443
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 33.68 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

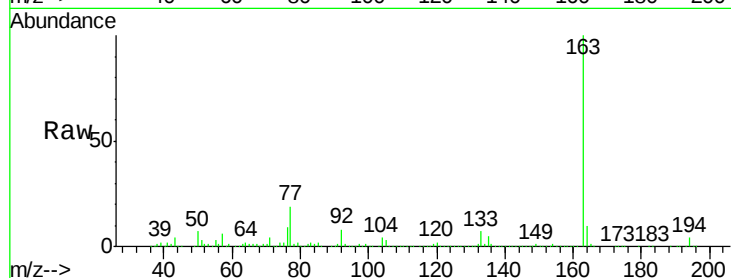
Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

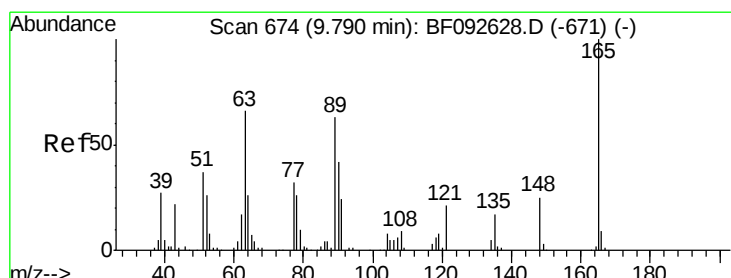
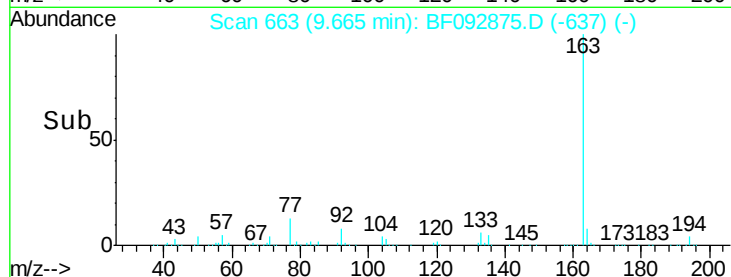
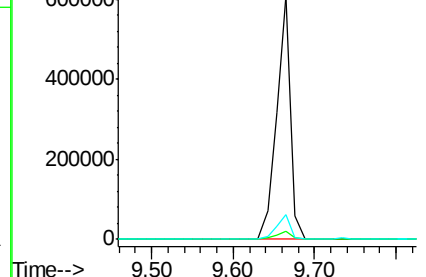
Tgt Ion:	163	Resp:	729537
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.4
164	10.1	8.0	12.0



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: 46.26 ng

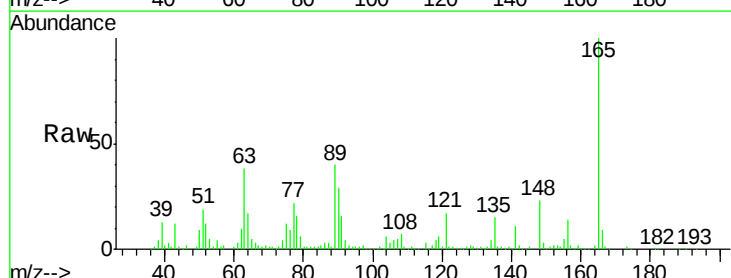
RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

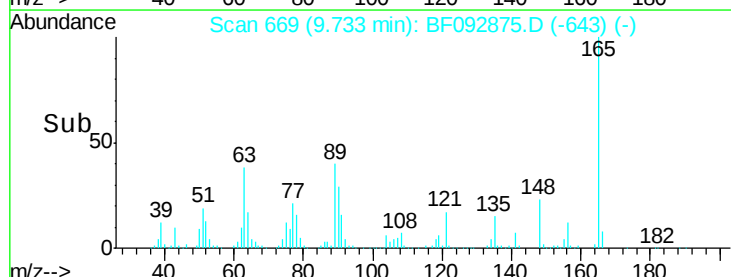
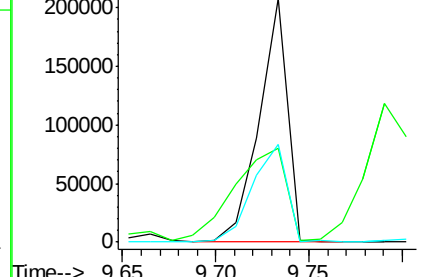
Tgt Ion:	165	Resp:	216400
Ion Ratio	Lower	Upper	
165	100		
63	38.4	36.2	54.4
89	40.2	40.2	60.4

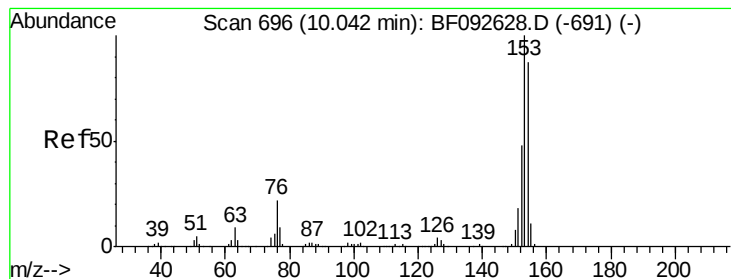


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 92.75 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

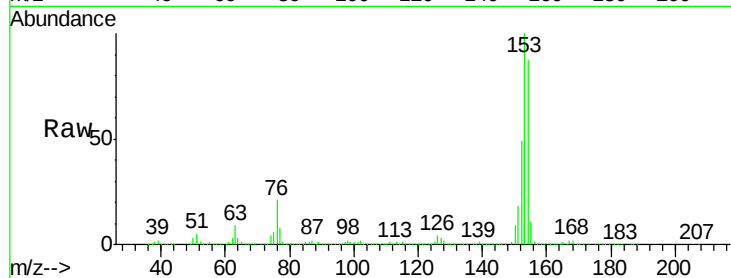
Tgt Ion:154 Resp: 1744972

Ion Ratio Lower Upper

154 100

153 115.0 88.6 133.0

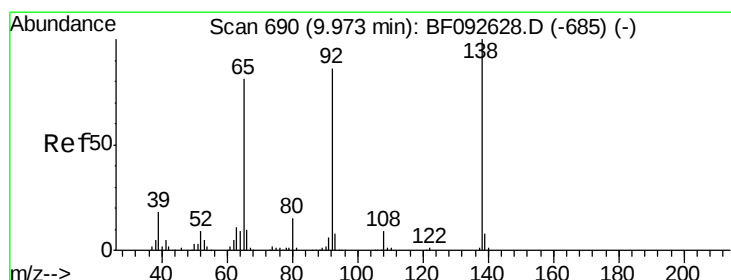
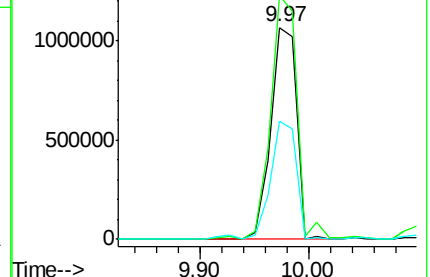
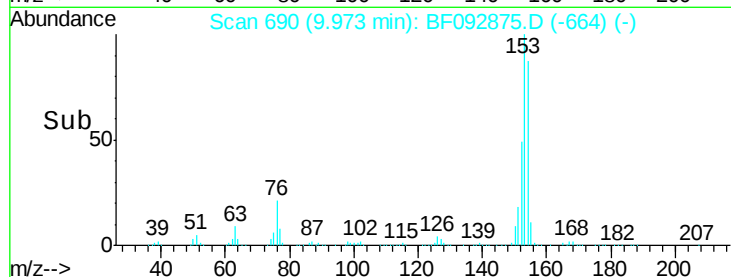
152 55.9 41.6 62.4



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: 38.84 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

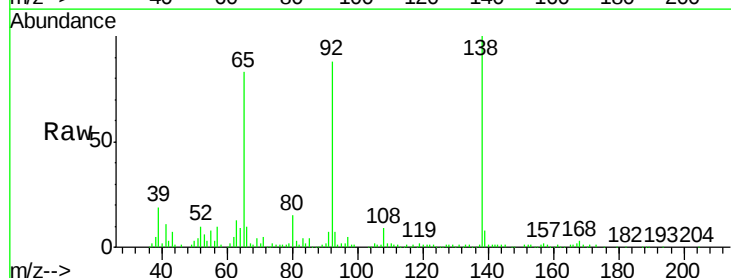
Tgt Ion:138 Resp: 207900

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

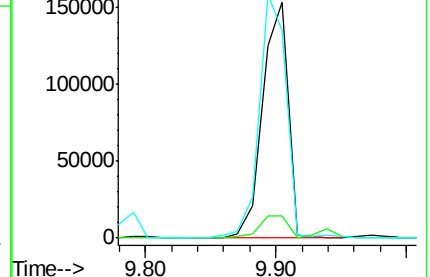
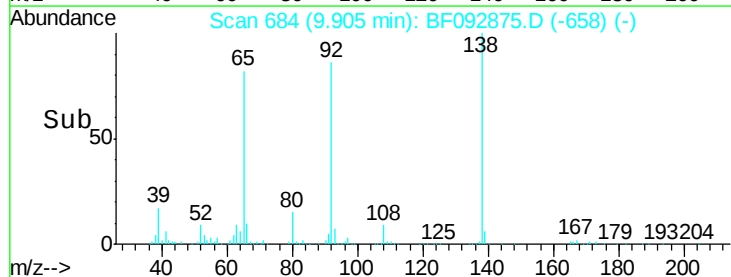
92 88.3 97.8 146.8#

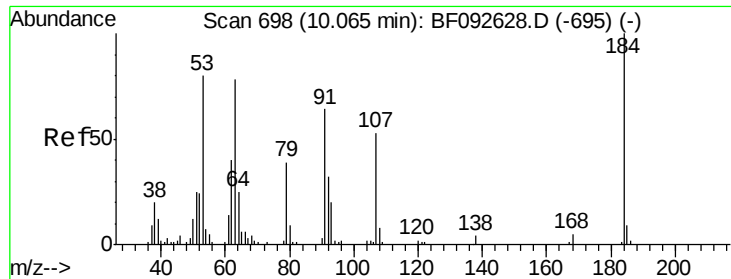


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

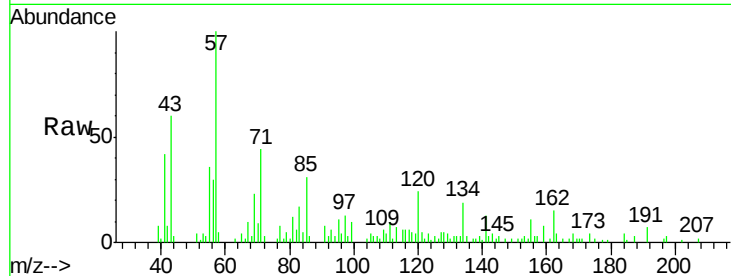




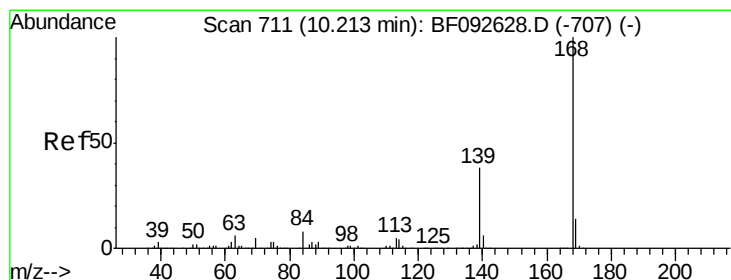
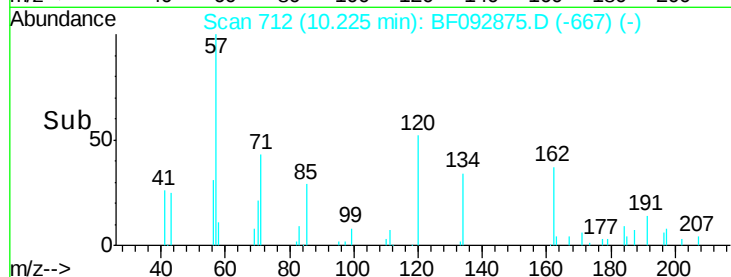
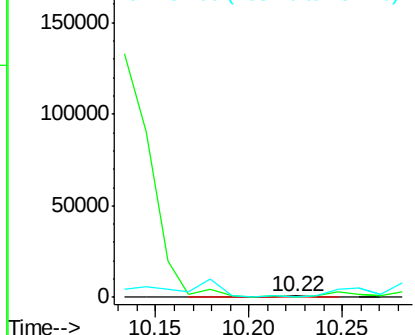
#53
2,4-Dinitrophenol
Concen: 5.36 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.22 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tgt Ion:184 Resp: 1572
Ion Ratio Lower Upper
184 100
63 50.5 28.4 42.6#
154 50.8 44.3 66.5

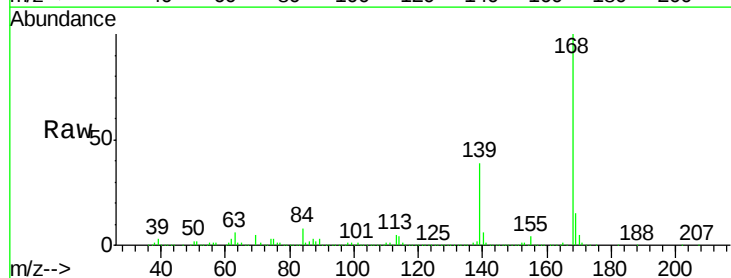


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

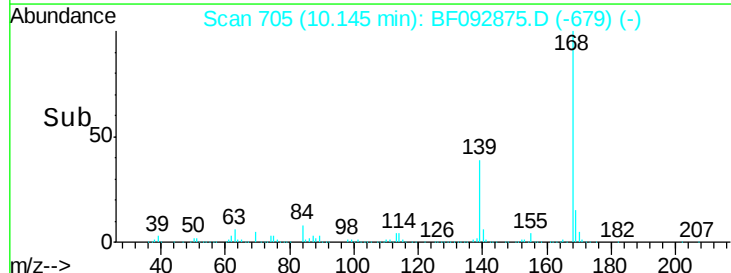
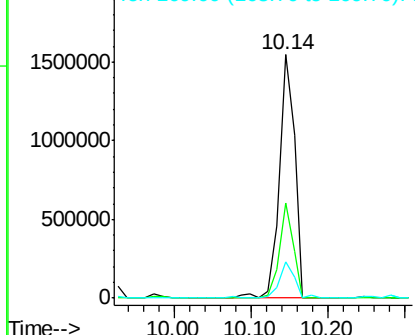


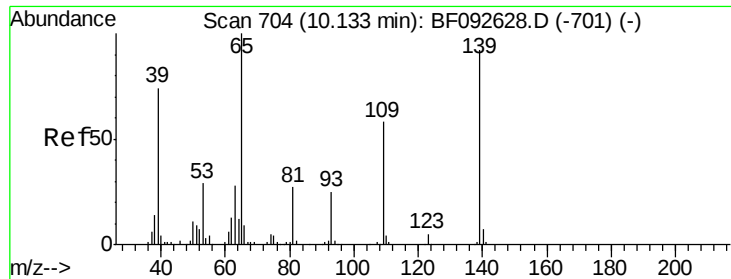
#54
Dibenzofuran
Concen: 85.70 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion:168 Resp: 2156388
Ion Ratio Lower Upper
168 100
139 39.2 32.6 49.0
169 15.0 11.3 16.9



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: 197.71 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.08 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

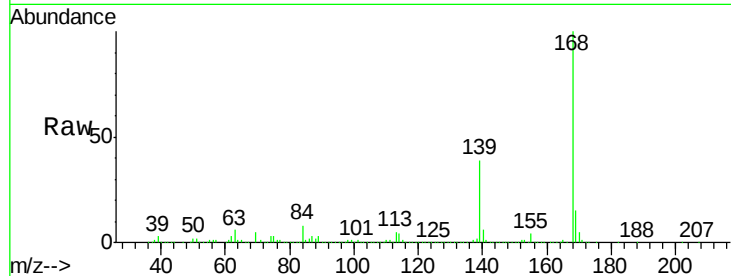
Tgt Ion:139 Resp: 762252

Ion Ratio Lower Upper

139 100

109 1.0 52.2 92.2#

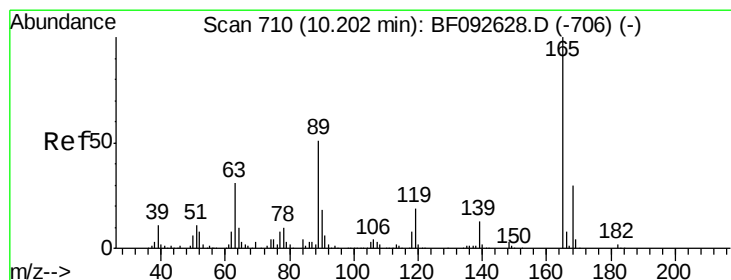
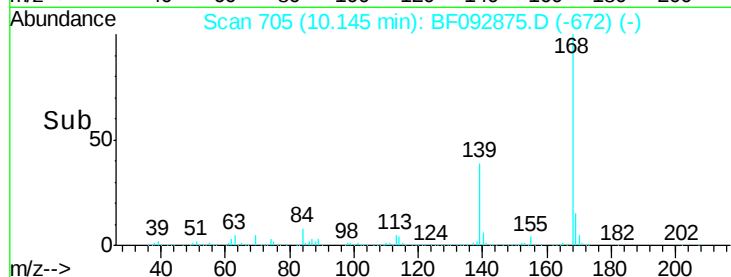
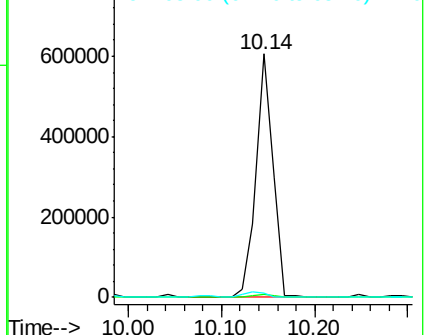
65 1.8 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.61 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Tgt Ion:165 Resp: 246643

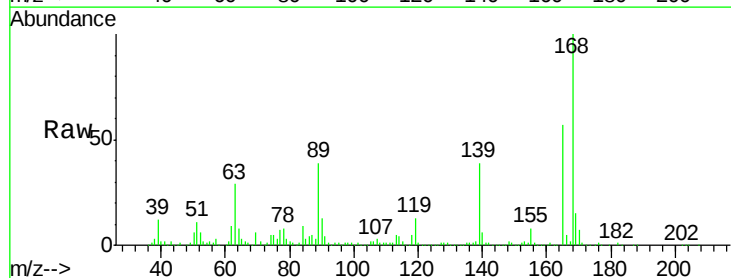
Ion Ratio Lower Upper

165 100

63 51.1 40.2 60.4

89 68.3 62.5 93.7

182 2.5 1.8 2.8

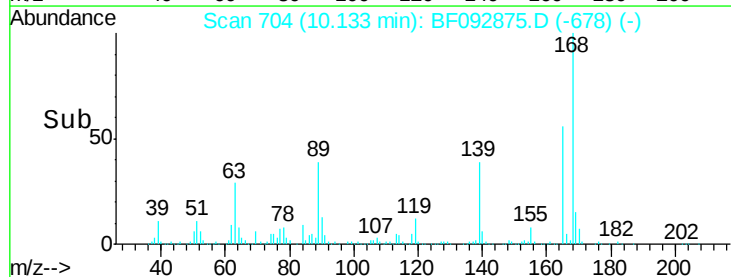
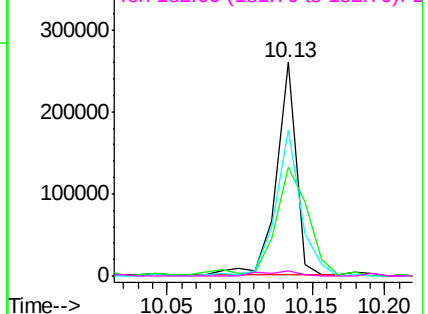


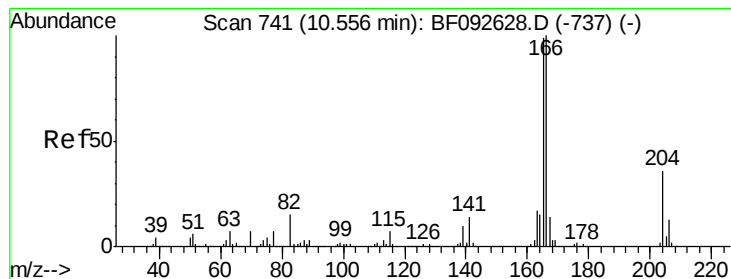
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 103.38 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

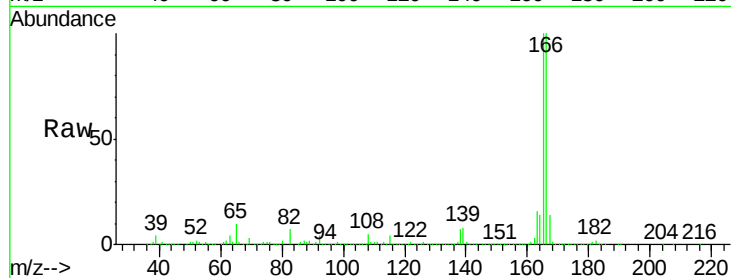
Tgt Ion:166 Resp: 2001297

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

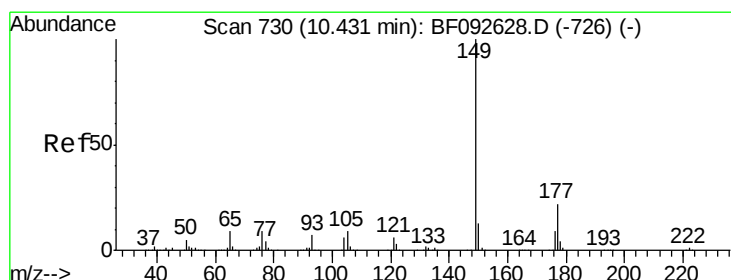
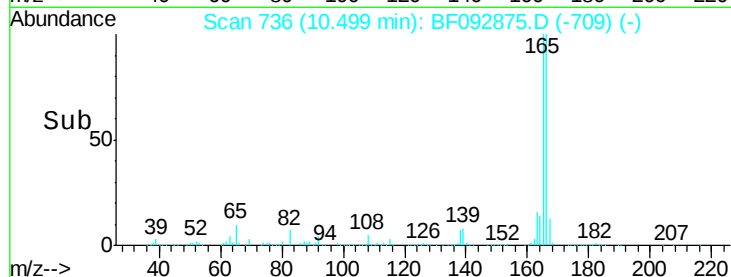
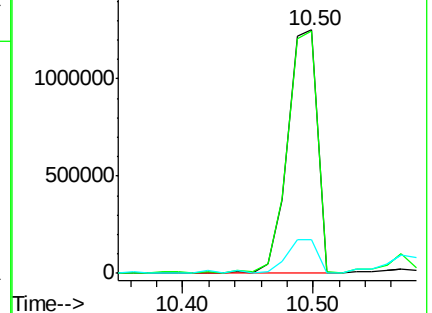
167 13.6 10.8 16.2



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



#59

Diethylphthalate

Concen: 38.72 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

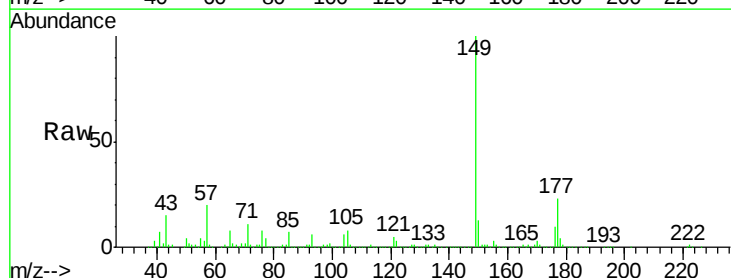
Tgt Ion:149 Resp: 790383

Ion Ratio Lower Upper

149 100

177 23.1 16.6 25.0

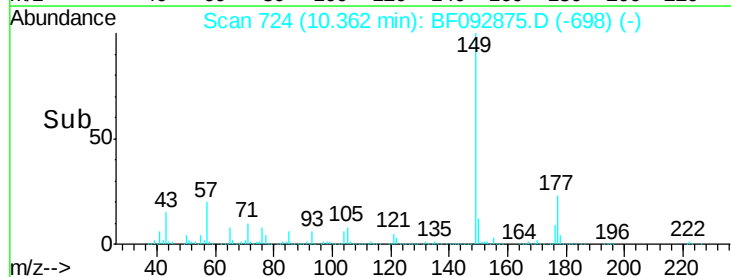
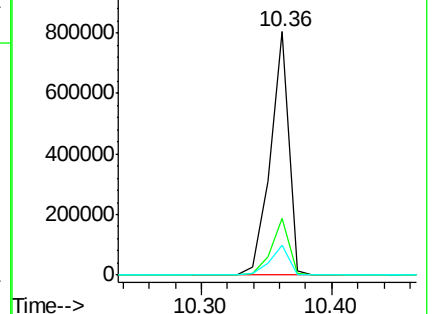
150 12.5 10.4 15.6

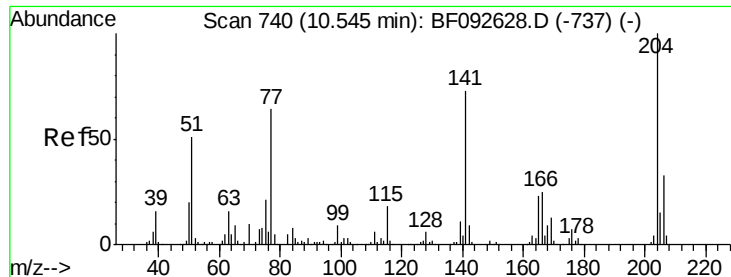


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

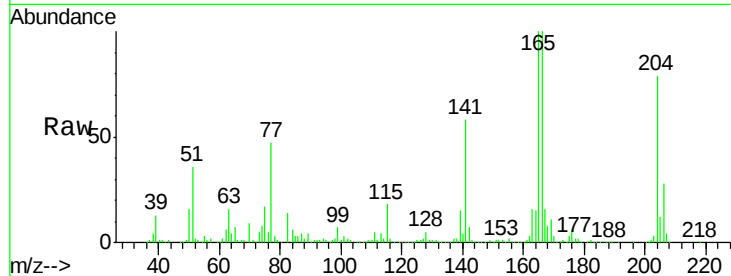




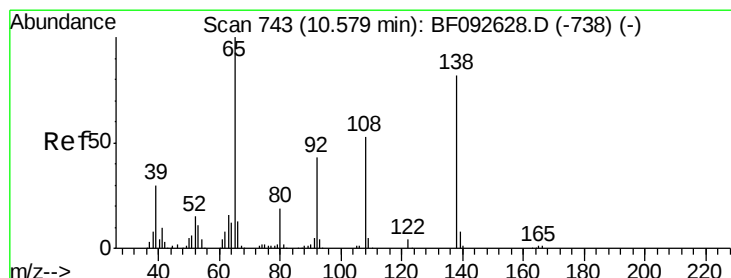
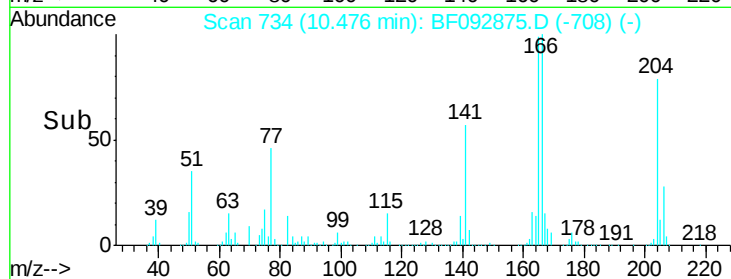
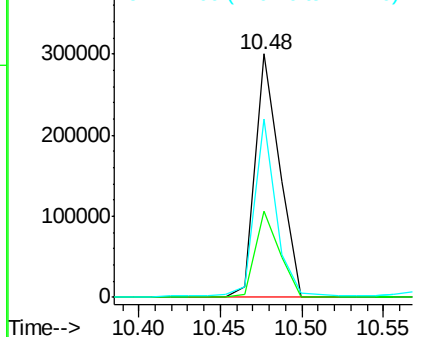
#60
4-Chlorophenyl-phenylether
Concen: 33.68 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tgt Ion: 204 Resp: 313198
Ion Ratio Lower Upper
204 100
206 35.2 25.8 38.6
141 73.5 59.4 89.0

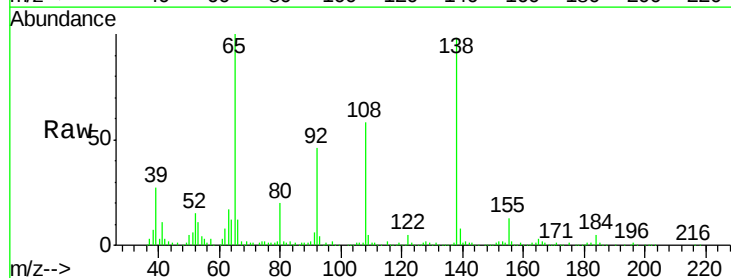


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

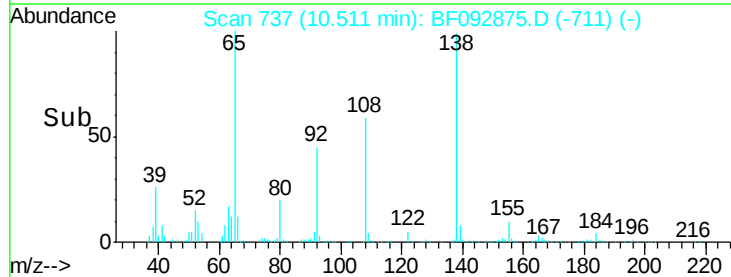
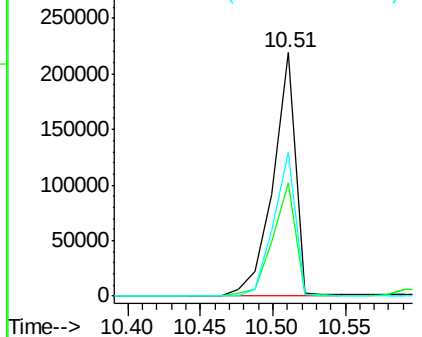


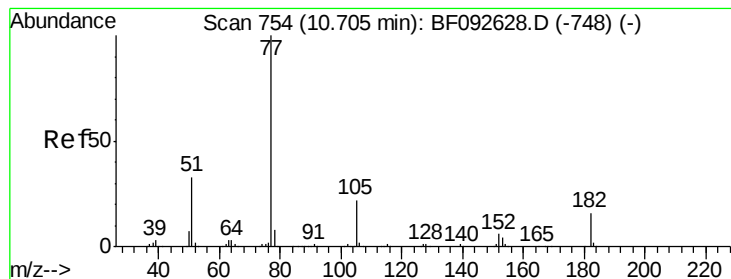
#61
4-Nitroaniline
Concen: 43.03 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion: 138 Resp: 235909
Ion Ratio Lower Upper
138 100
92 46.4 31.7 71.7
108 59.3 52.6 92.6



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: 41.83 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

Tgt Ion: 77 Resp: 882110

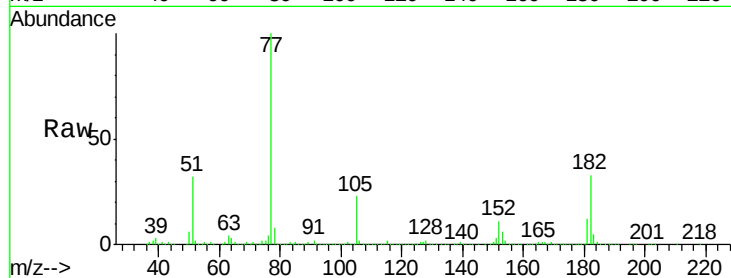
Ion Ratio Lower Upper

77 100

182 33.1 0.0 39.3

105 23.1 2.3 42.3

51 31.7 8.9 48.9

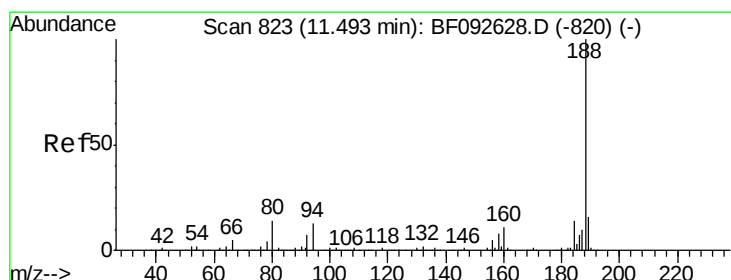
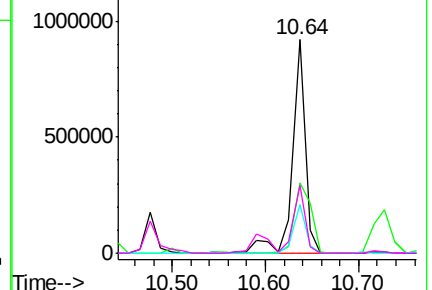
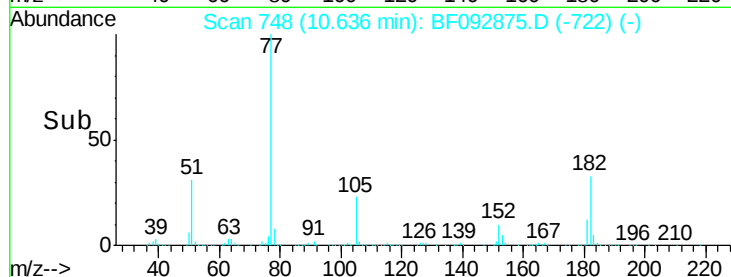


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.43 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

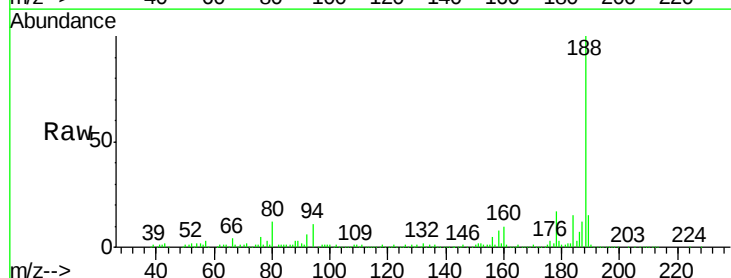
Tgt Ion: 188 Resp: 514158

Ion Ratio Lower Upper

188 100

94 10.8 10.0 15.0

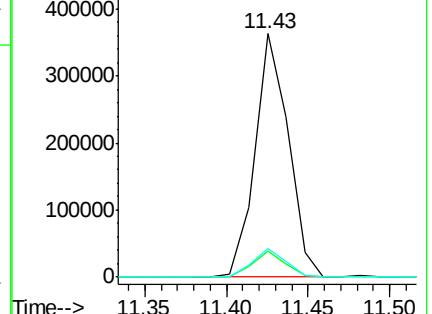
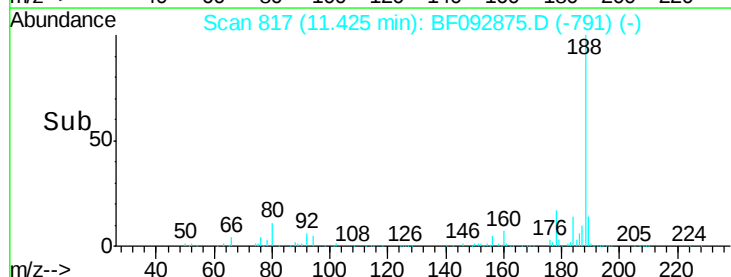
80 11.8 11.2 16.8

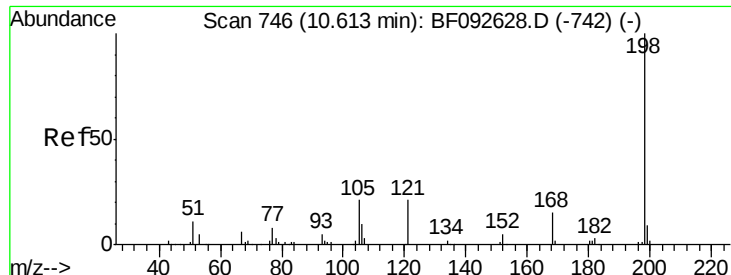


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.88 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.13 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

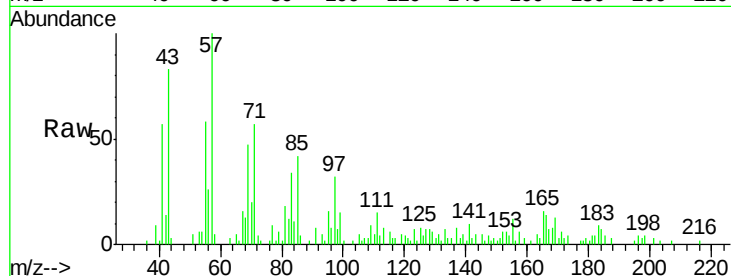
Tgt Ion:198 Resp: 713

Ion Ratio Lower Upper

198 100

51 114.2 6.7 46.7#

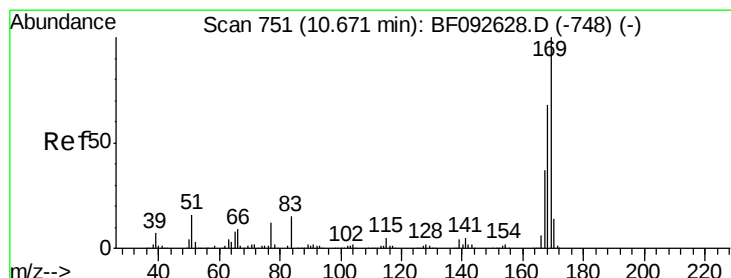
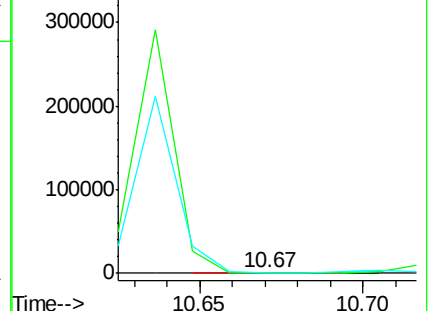
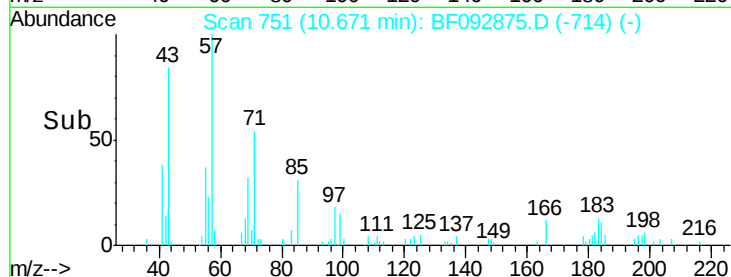
105 127.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 51.61 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

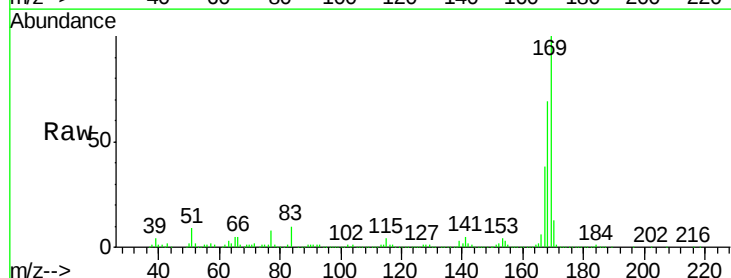
Tgt Ion:169 Resp: 847611

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

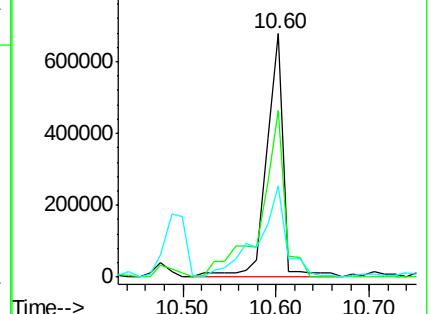
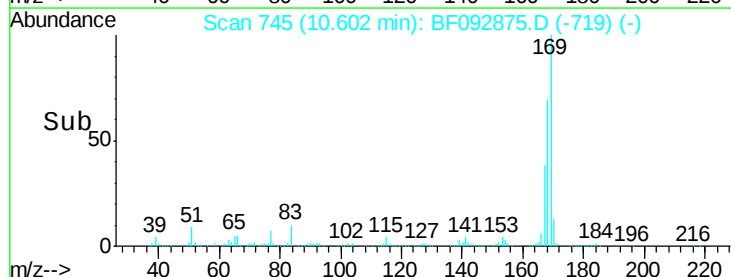
167 37.7 30.2 45.4

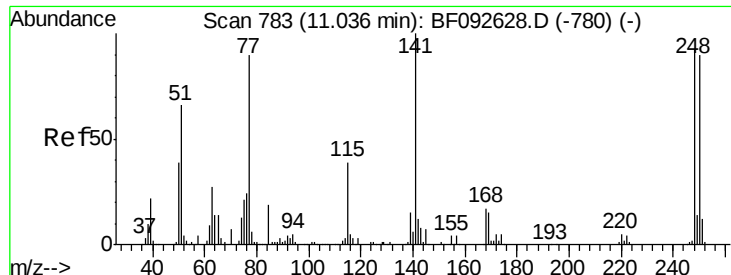


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

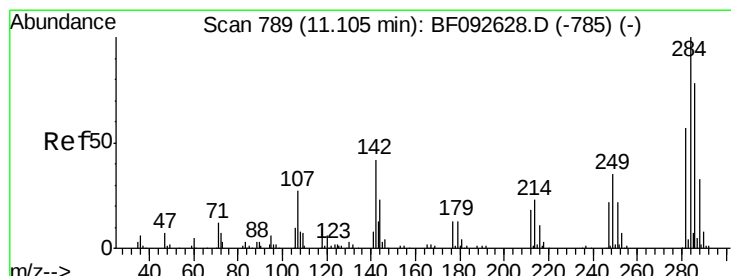
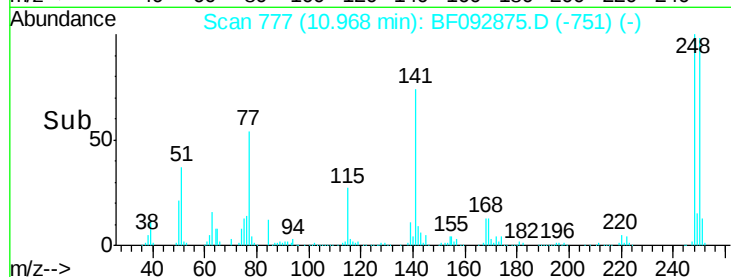
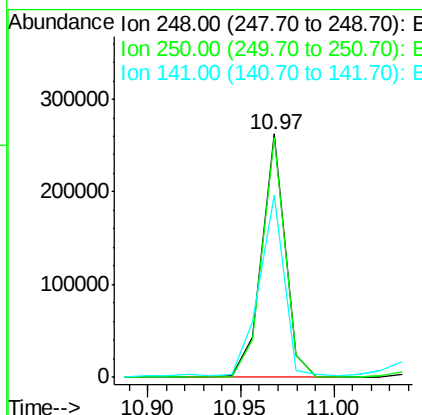
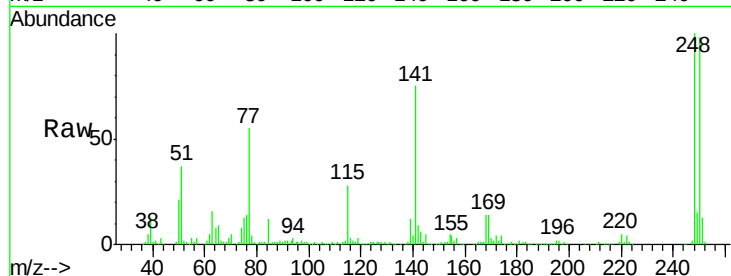




#66
 4-Bromophenyl-phenylether
 Concen: 42.35 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

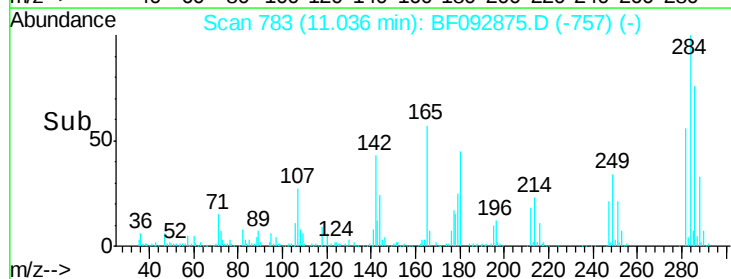
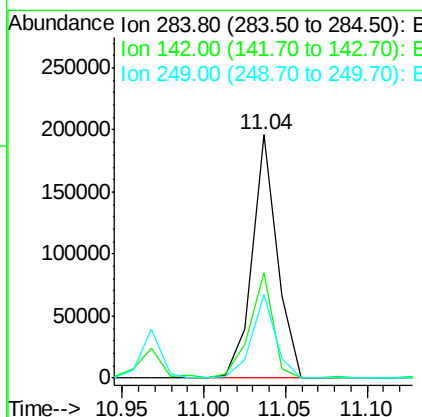
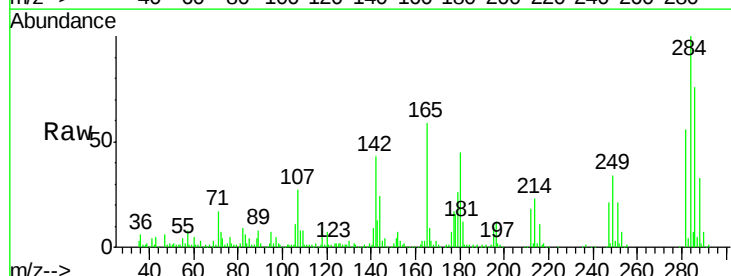
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

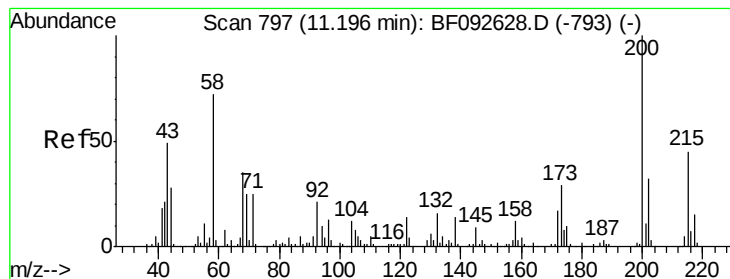
Tgt Ion: 248 Resp: 227478
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 74.6 68.2 102.4



#67
 Hexachlorobenzene
 Concen: 39.37 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Tgt Ion: 284 Resp: 208973
 Ion Ratio Lower Upper
 284 100
 142 43.4 22.6 33.8#
 249 34.1 25.4 38.0





#68

Atrazine

Concen: 41.85 ng

RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

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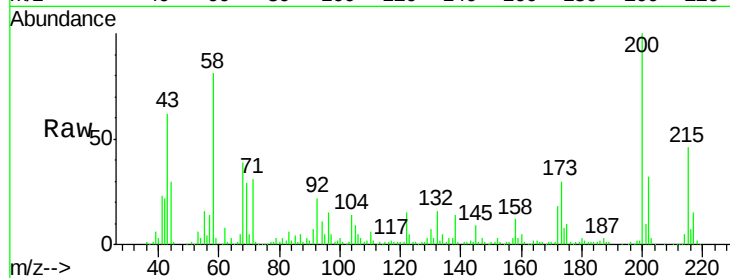
Tgt Ion:200 Resp: 220583

Ion Ratio Lower Upper

200 100

173 29.8 9.6 49.6

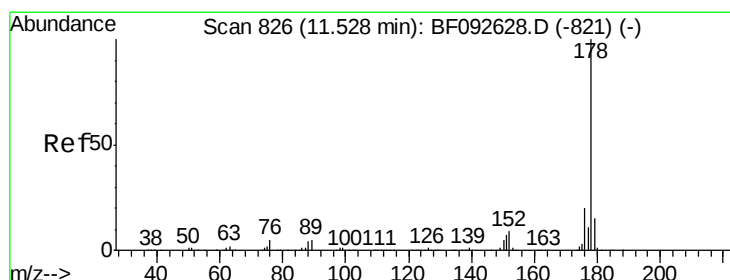
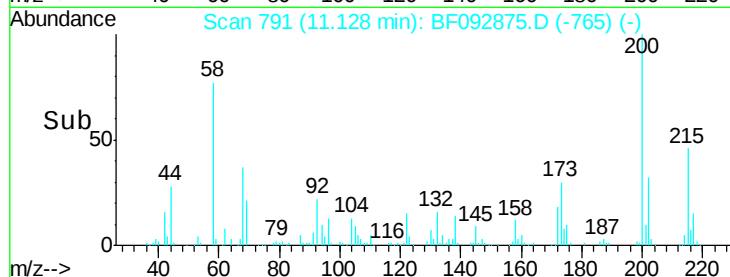
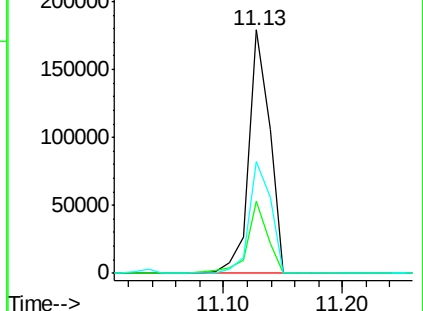
215 46.0 25.7 65.7



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



#70

Phenanthrene

Concen: 187.29 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.02 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

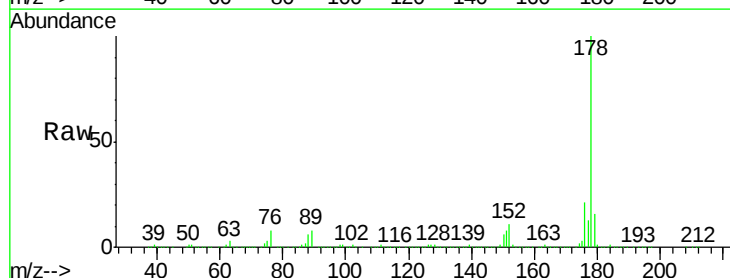
Tgt Ion:178 Resp: 5517083

Ion Ratio Lower Upper

178 100

176 21.1 16.6 25.0

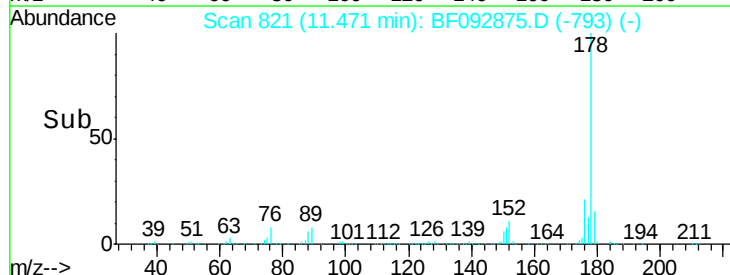
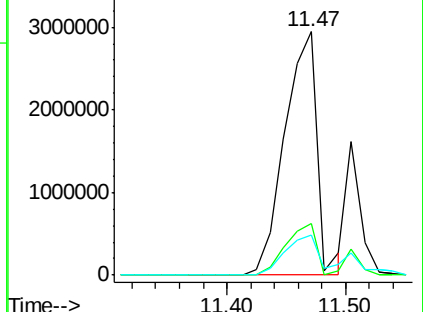
179 16.3 12.8 19.2

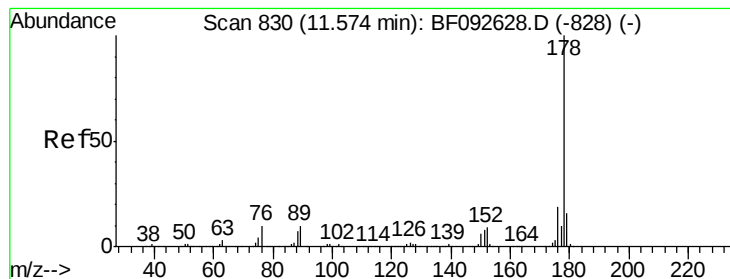


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.38 ng

RT: 11.51 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

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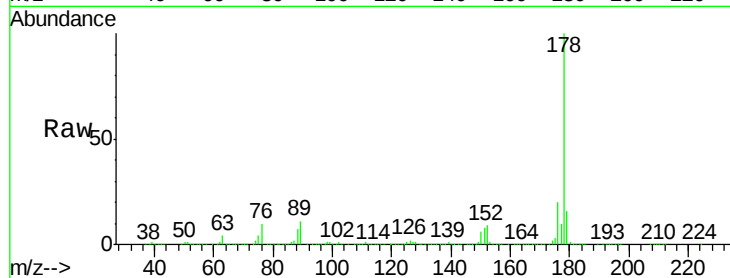
Tgt Ion:178 Resp: 1401553

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

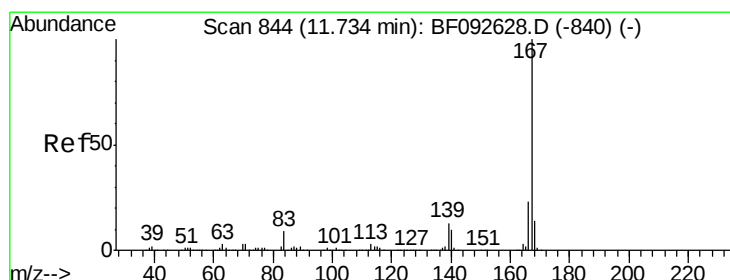
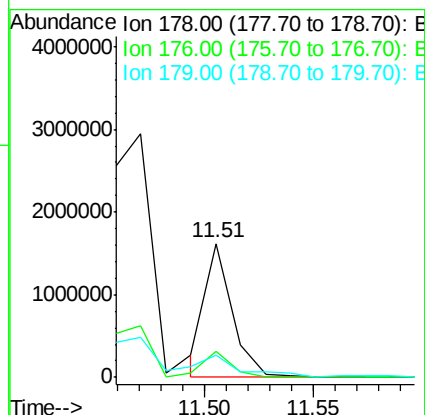
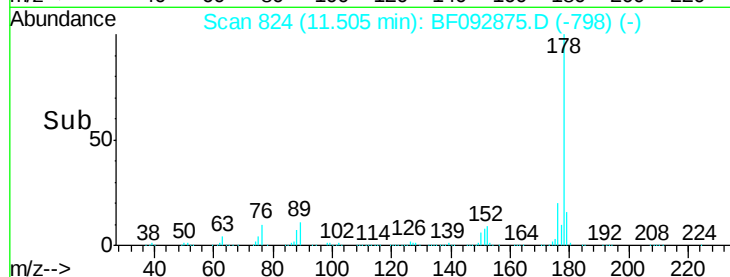
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 52.19 ng

RT: 11.67 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

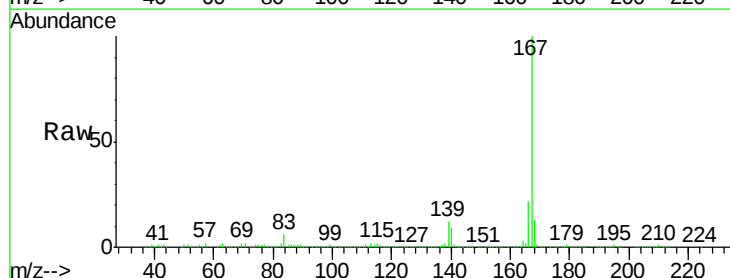
Tgt Ion:167 Resp: 1475777

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

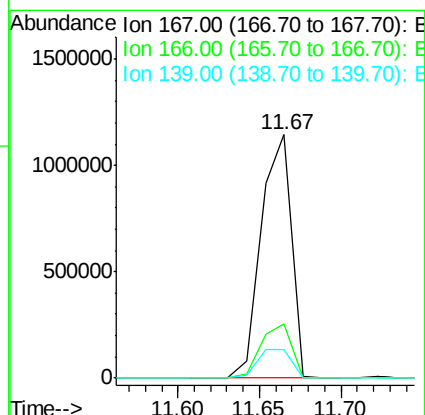
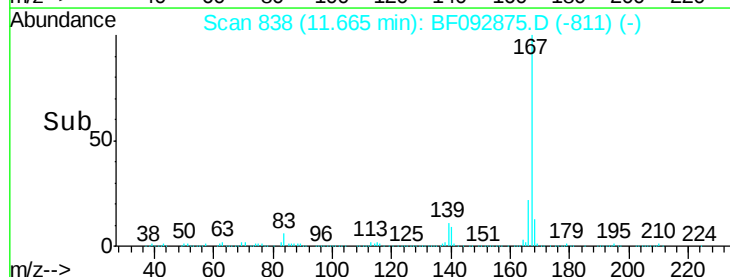
139 11.5 11.4 17.2

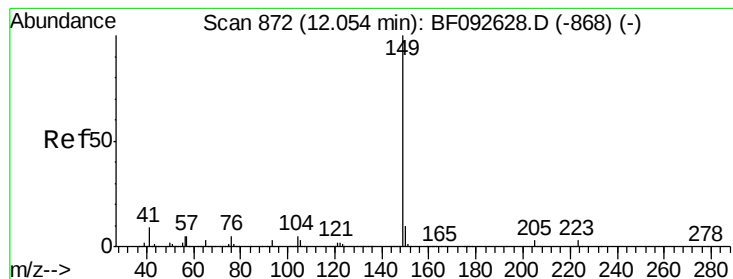


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.12 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

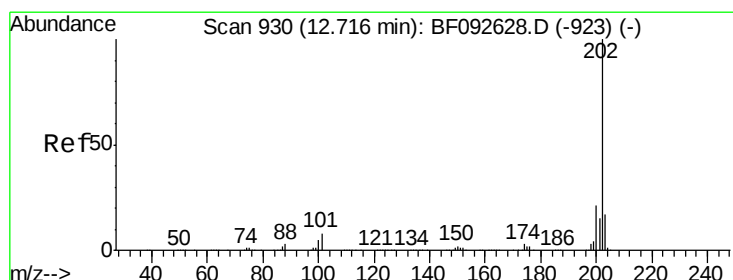
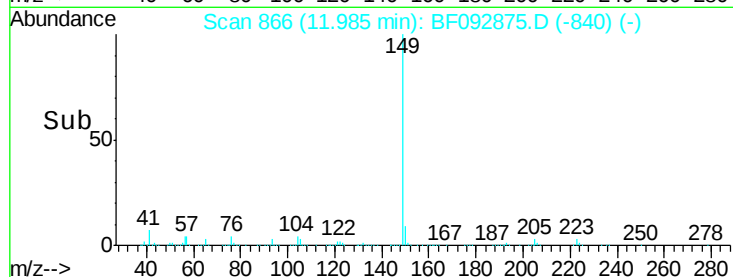
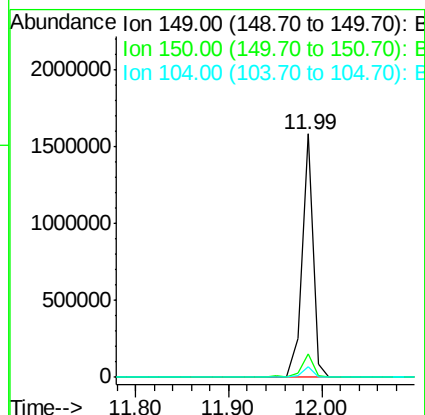
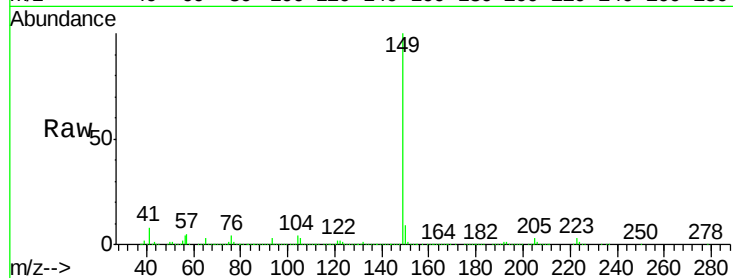
Tgt Ion:149 Resp: 1318811

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

104 4.3 4.6 7.0#



#74

Fluoranthene

Concen: 116.49 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

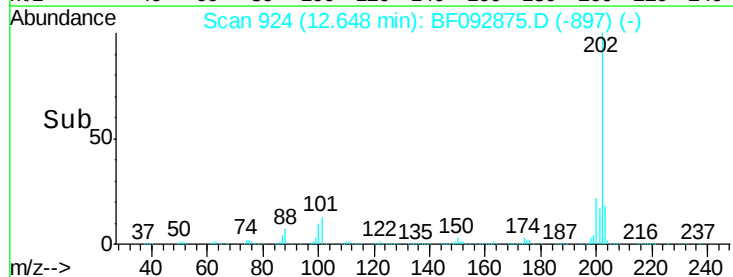
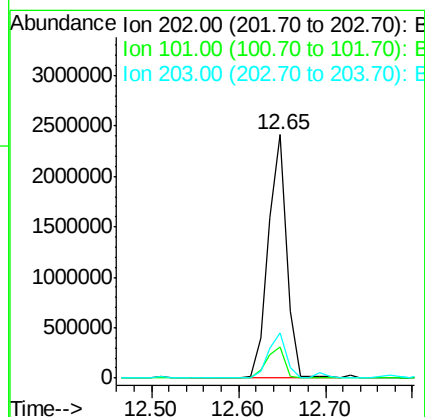
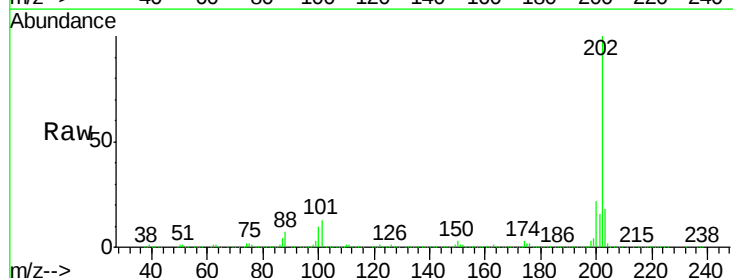
Tgt Ion:202 Resp: 3539522

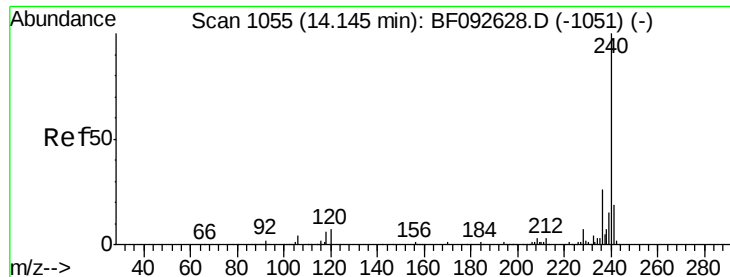
Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.6

203 18.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

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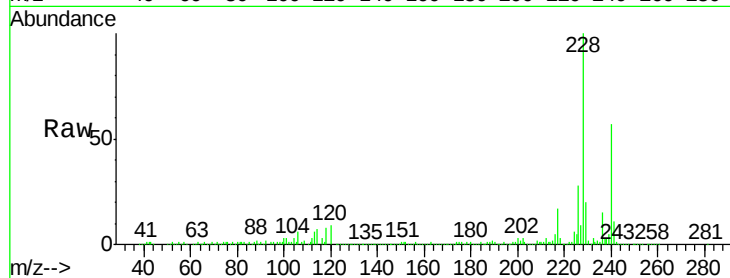
Tgt Ion:240 Resp: 383362

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

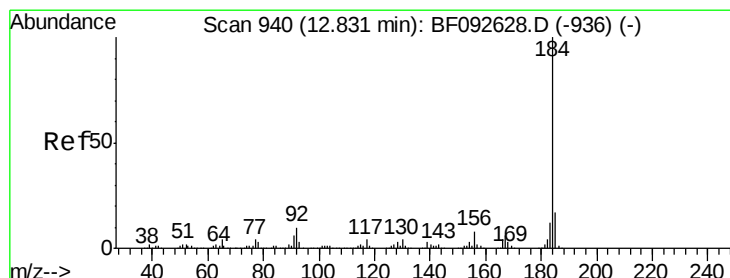
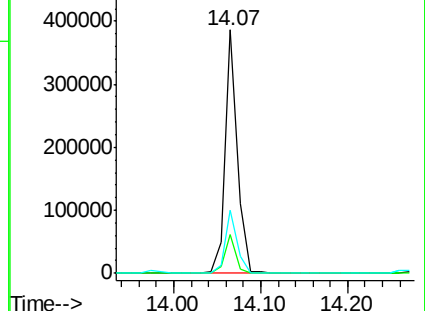
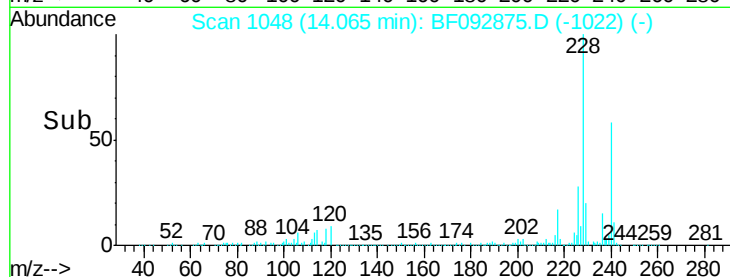
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.88 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

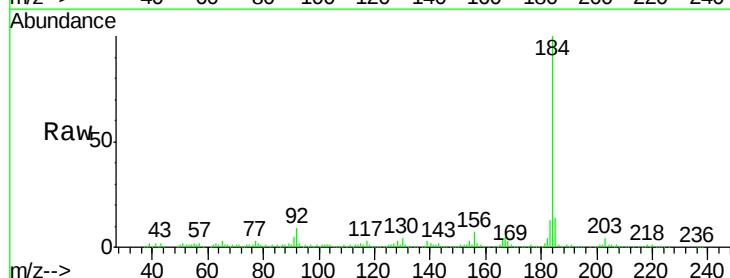
Tgt Ion:184 Resp: 341070

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

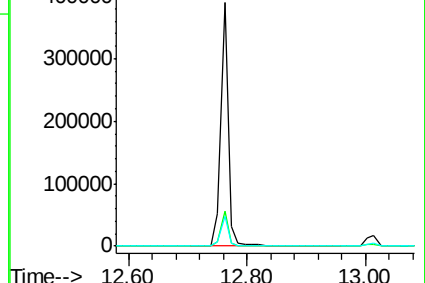
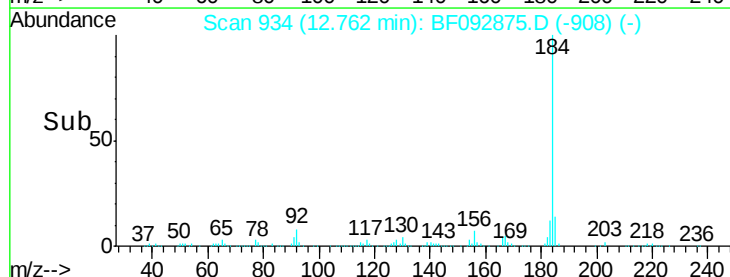
183 12.5 9.2 13.8

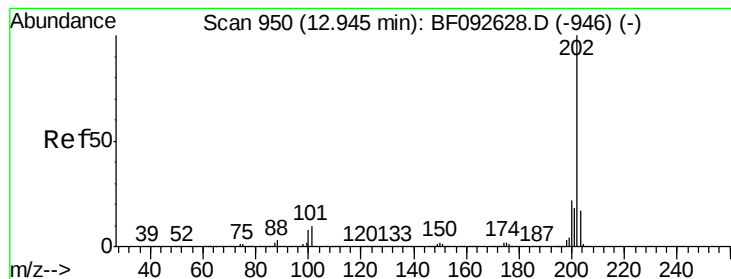


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 100.52 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

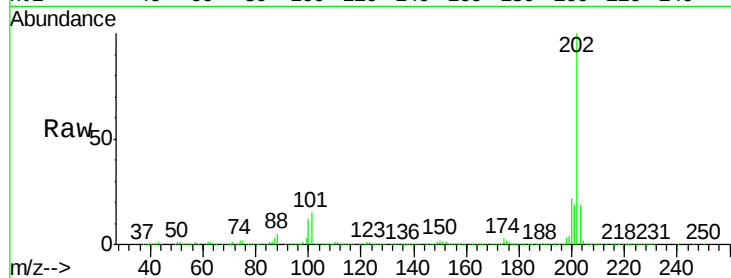
Tgt Ion:202 Resp: 2883938

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

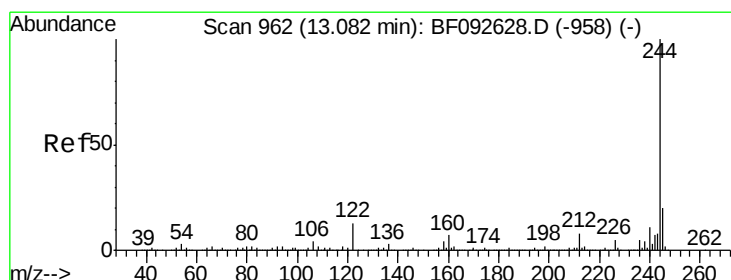
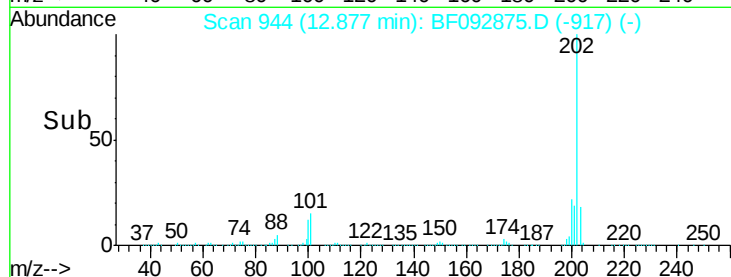
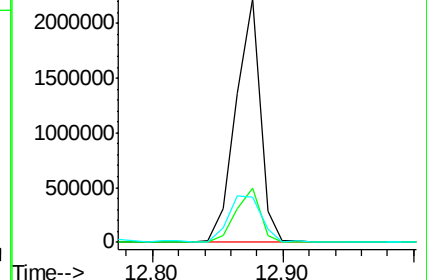
203 18.8 14.7 22.1



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: 98.01 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

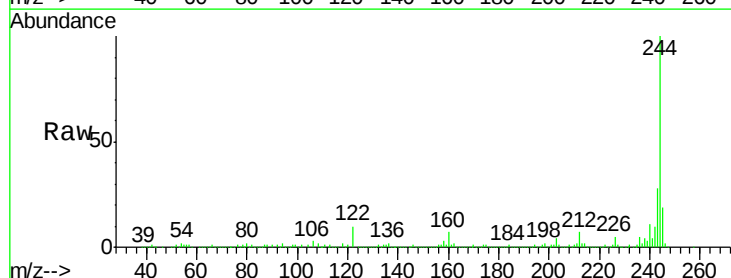
Tgt Ion:244 Resp: 1599106

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

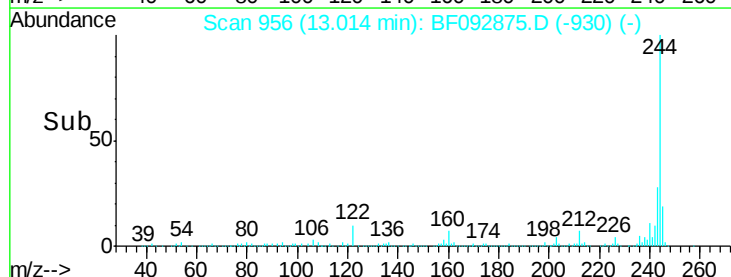
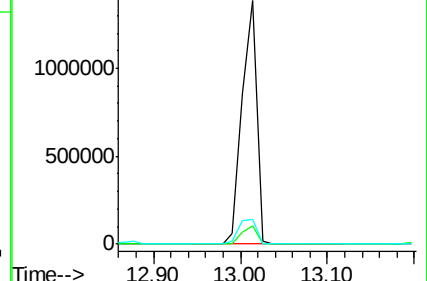
122 9.9 11.4 17.2#

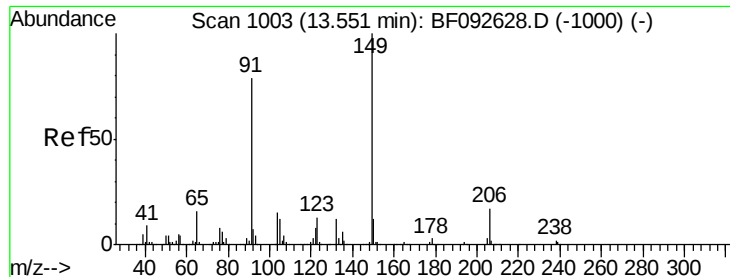


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

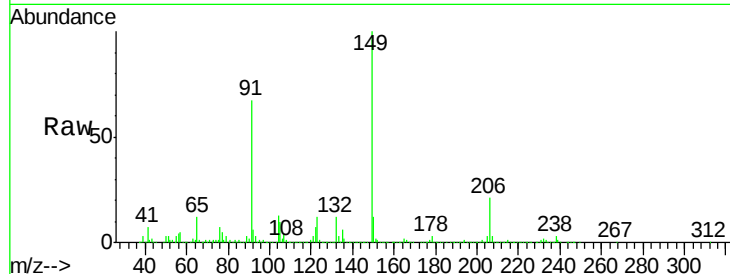




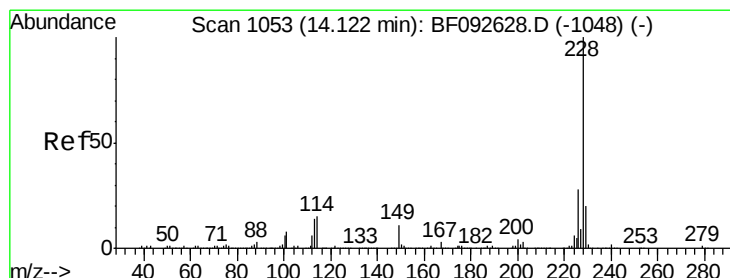
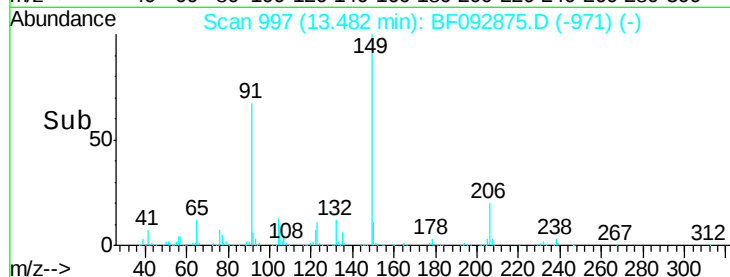
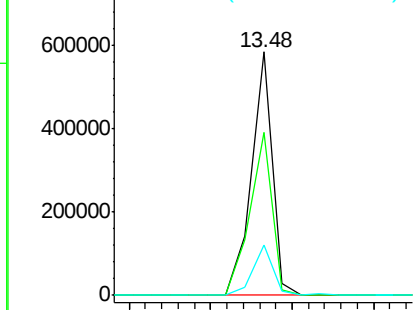
#79
Butylbenzylphthalate
Concen: 44.45 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2021-CONCRETEMS

Tgt Ion:149 Resp: 517902
Ion Ratio Lower Upper
149 100
91 66.7 63.9 95.9
206 20.5 14.6 21.8

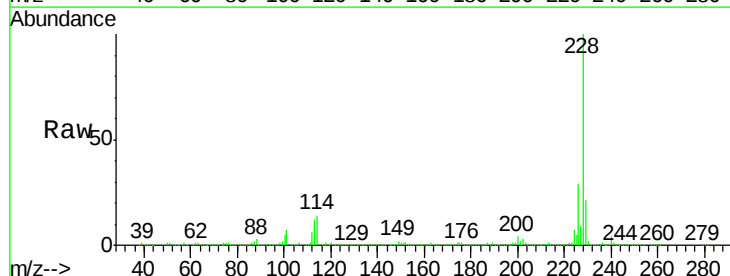


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

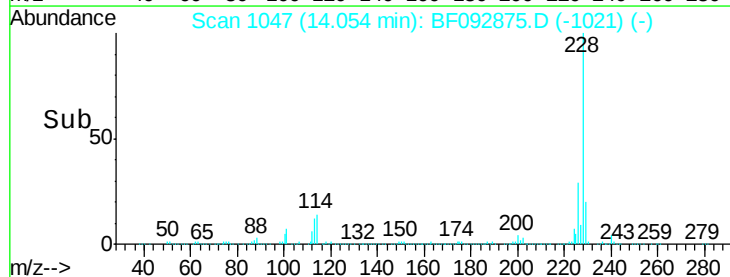
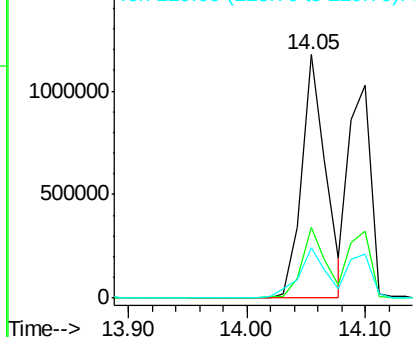


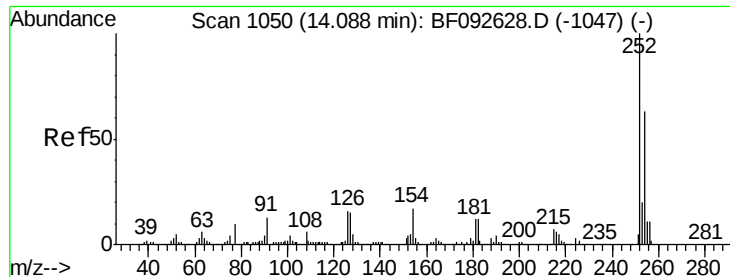
#80
Benzo(a)anthracene
Concen: 70.51 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092875.D
Acq: 9 Feb 2017 1:19

Tgt Ion:228 Resp: 1653334
Ion Ratio Lower Upper
228 100
226 28.8 22.4 33.6
229 20.5 16.2 24.4



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

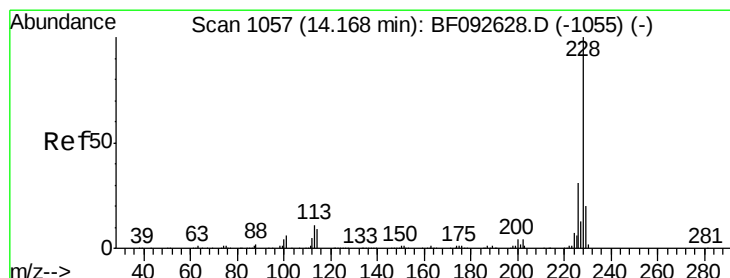
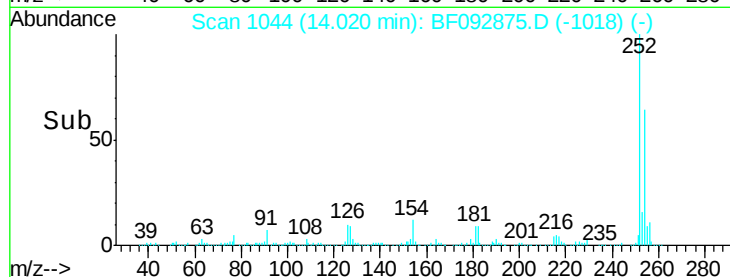
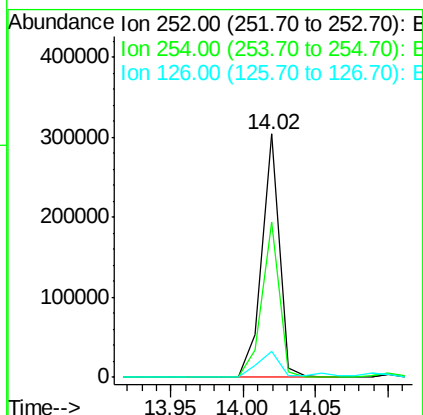
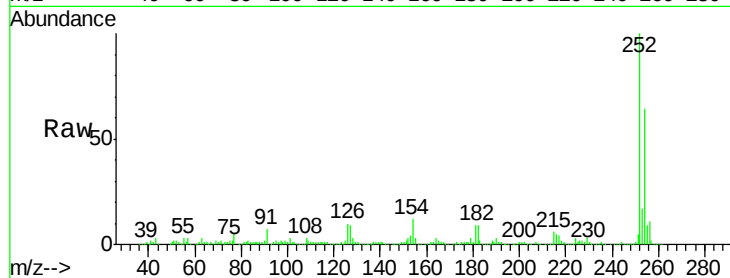




#81
 3,3'-Dichlorobenzidine
 Concen: 30.60 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

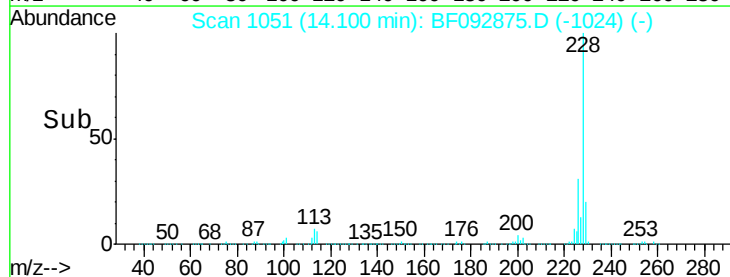
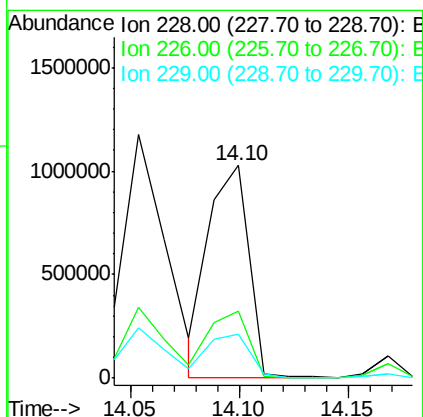
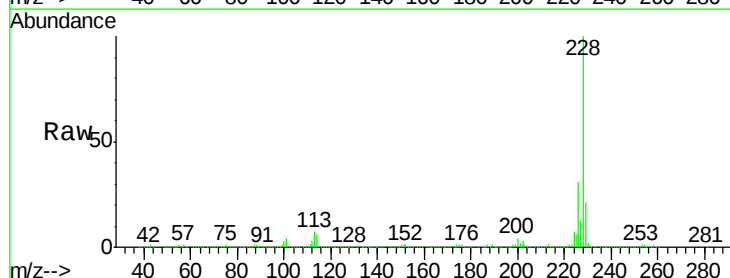
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

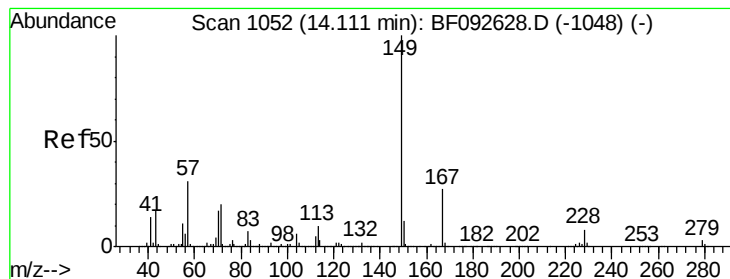
Tgt Ion:252 Resp: 255729
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.3 78.5
 126 10.4 13.6 20.4#



#82
 Chrysene
 Concen: 59.92 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Tgt Ion:228 Resp: 1315465
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.4 38.0
 229 20.8 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.40 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

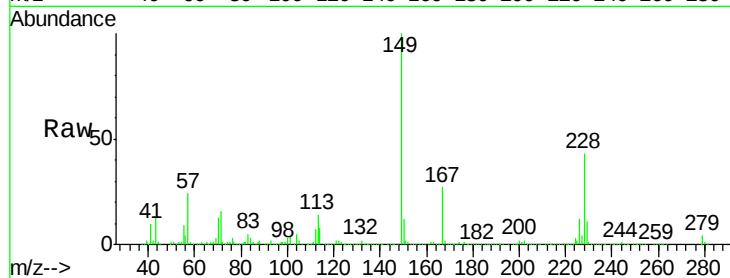
Tgt Ion:149 Resp: 802989

Ion Ratio Lower Upper

149 100

167 27.3 20.2 30.4

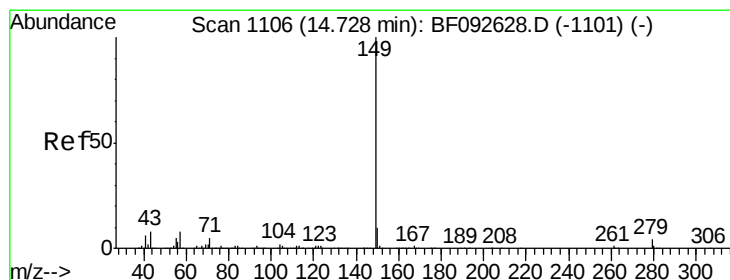
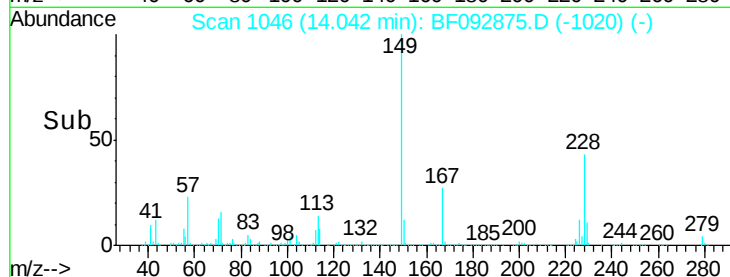
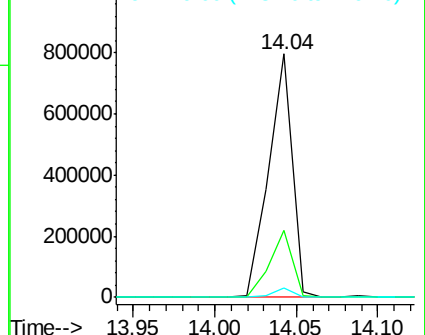
279 3.9 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.03 ng

RT: 14.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

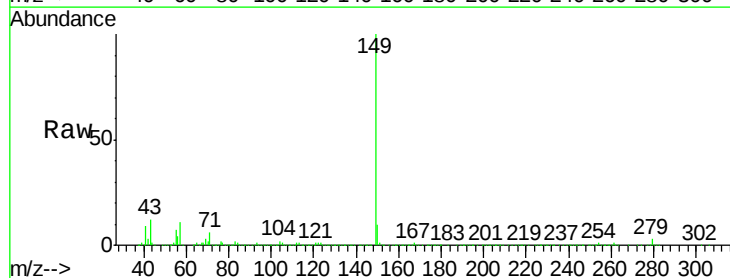
Tgt Ion:149 Resp: 1246068

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

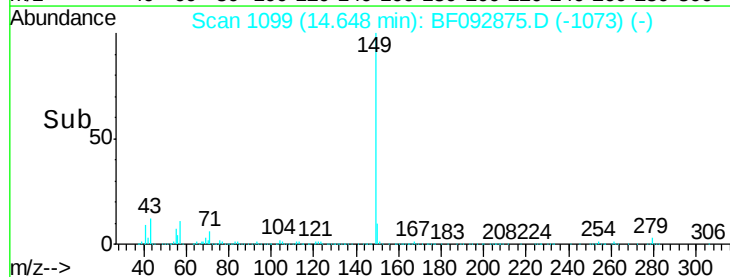
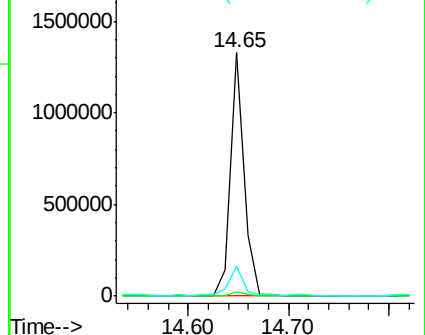
43 11.6 8.9 13.3

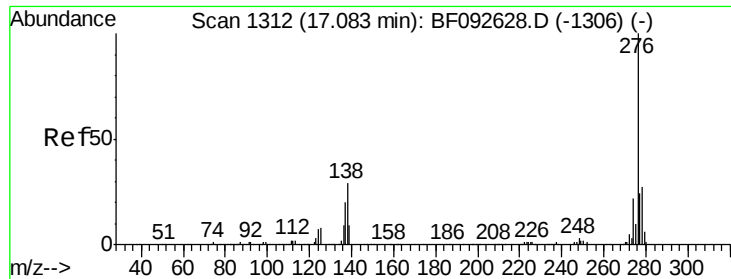


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

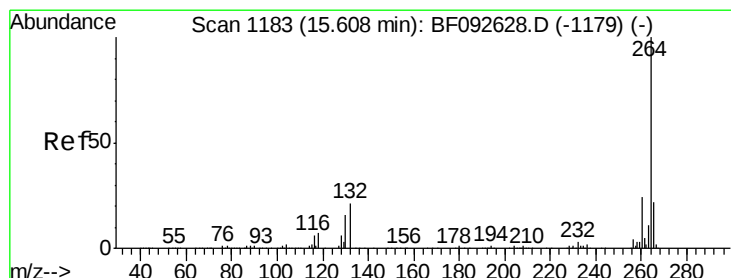
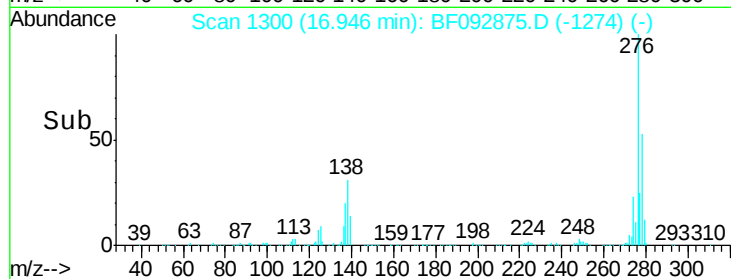
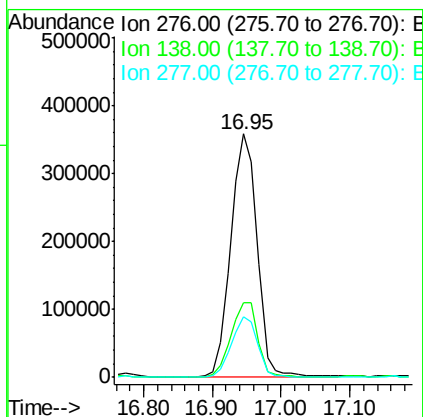
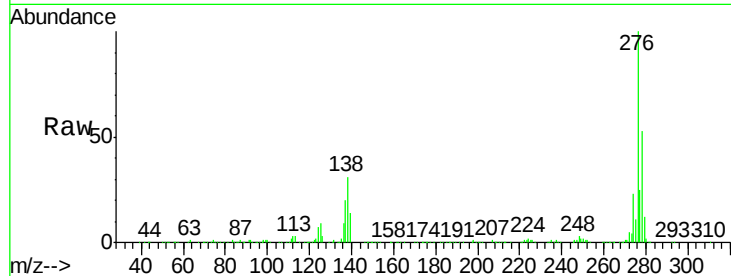




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.58 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

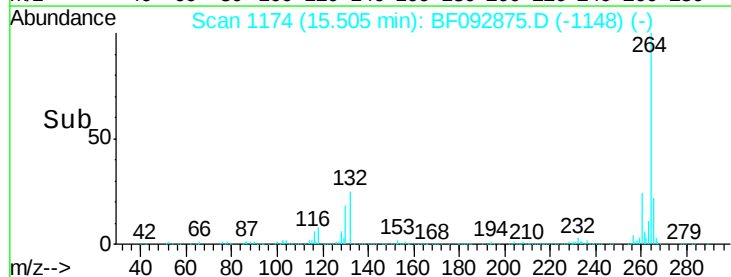
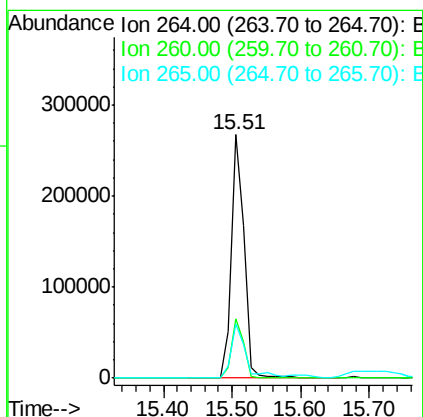
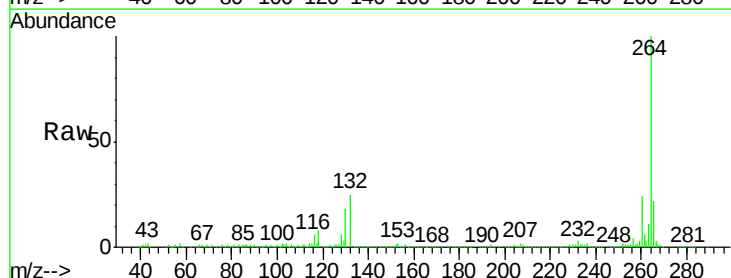
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

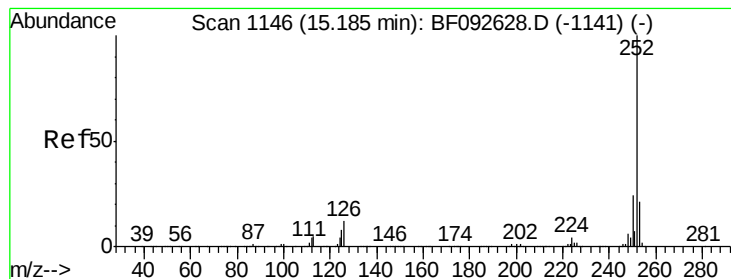
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.8	32.6
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 96.33 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

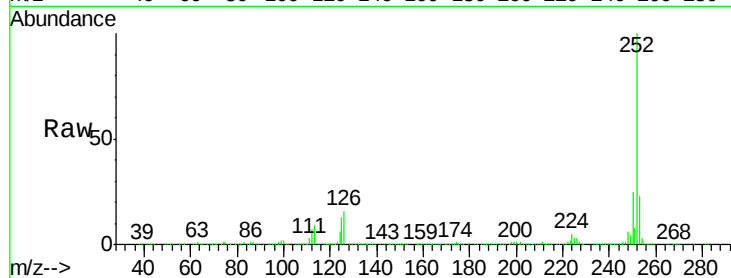
Tgt Ion:252 Resp: 2235795

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

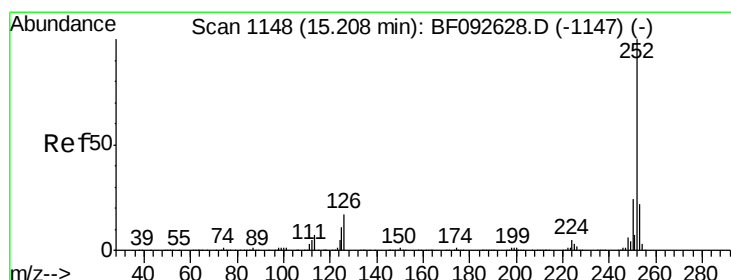
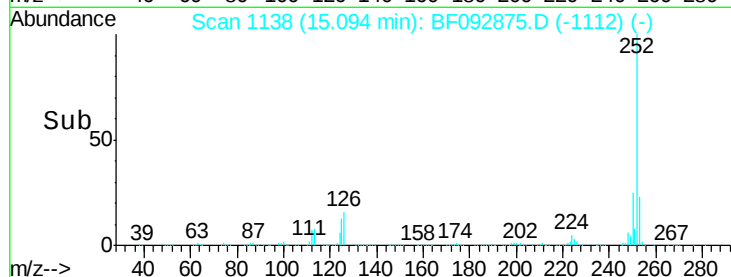
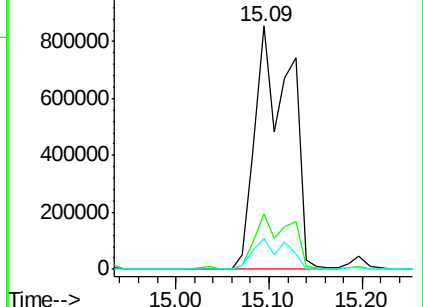
125 12.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 111.57 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

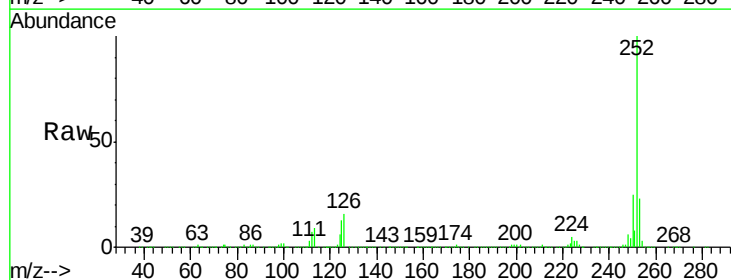
Tgt Ion:252 Resp: 2235795

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

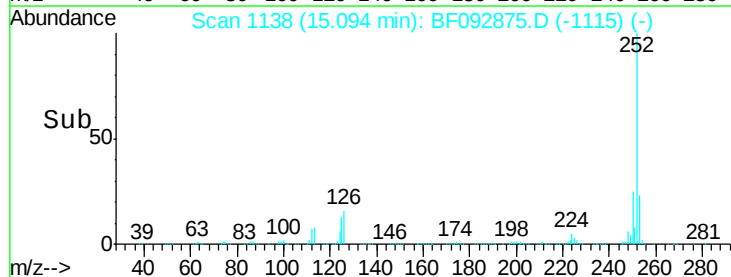
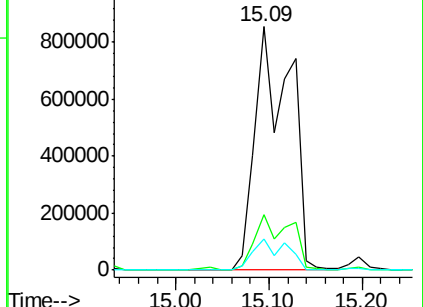
125 12.9 8.9 13.3

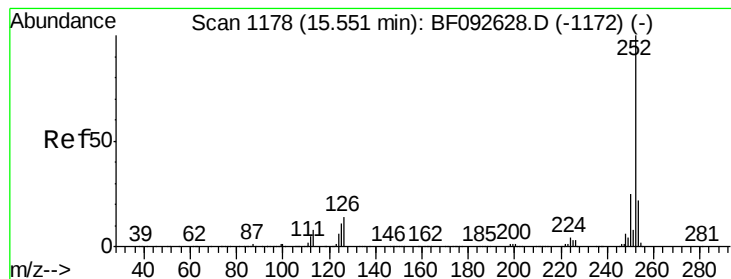


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.68 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.25 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2021-CONCRETEMS

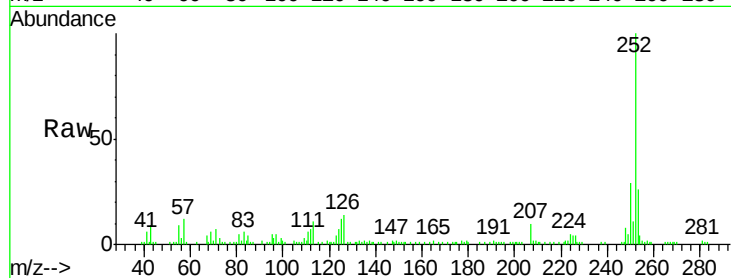
Tgt Ion:252 Resp: 53896

Ion Ratio Lower Upper

252 100

253 26.0 18.2 27.2

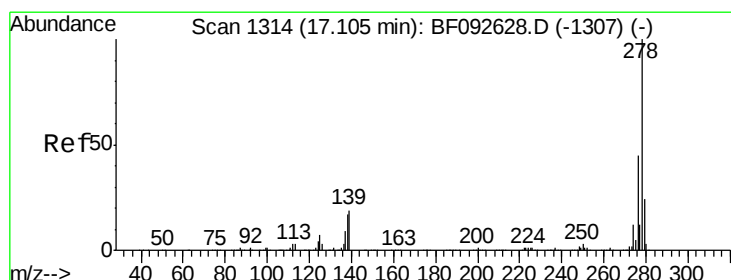
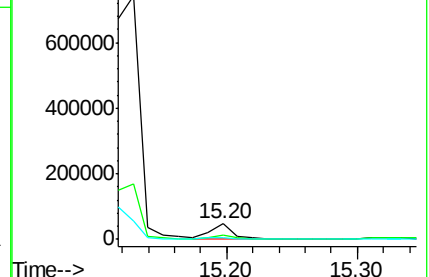
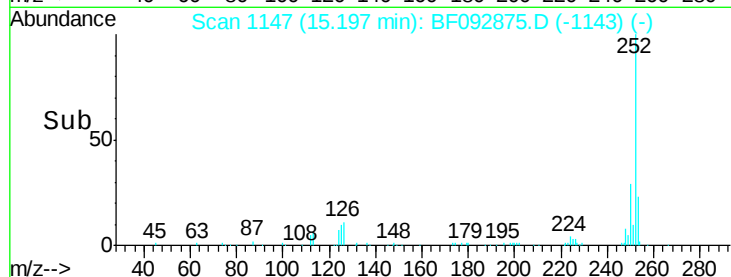
125 12.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.18 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF092875.D

Acq: 9 Feb 2017 1:19

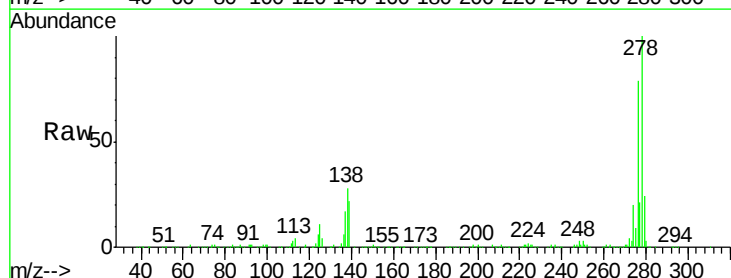
Tgt Ion:278 Resp: 765476

Ion Ratio Lower Upper

278 100

139 21.6 14.8 22.2

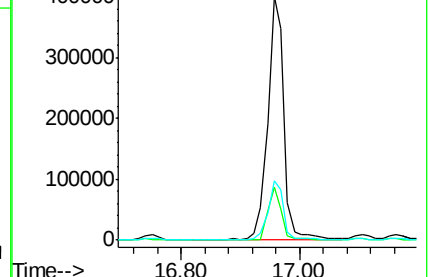
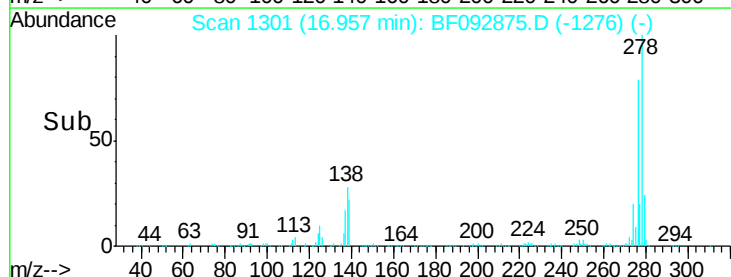
279 24.5 19.8 29.6

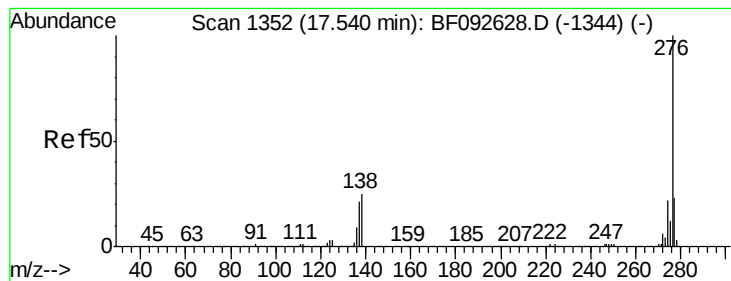


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 50.69 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF092875.D
 Acq: 9 Feb 2017 1:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2021-CONCRETEMS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	29.1	16.0	24.0

