

Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
 Data File : BF092632.D
 Acq On : 30 Jan 2017 14:33
 Operator : SJ/MA
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Quant Time: Jan 30 15:11:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159259	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	663834	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	351544	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	563489	20.00	ng	0.00
75) Chrysene-d12	14.13	240	436575	20.00	ng	-0.01
86) Perylene-d12	15.61	264	342113	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	768941	82.83	ng	0.00
7) Phenol-d6	6.60	99	954813	79.94	ng	0.00
23) Nitrobenzene-d5	7.54	82	945717	79.33	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	199063	78.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1485094	76.53	ng	0.00
78) Terphenyl-d14	13.08	244	1478107	79.55	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	198566	39.59	ng	# 84
3) Pyridine	3.36	79	562056	44.07	ng	# 85
4) n-Nitrosodimethylamine	3.32	42	252636	42.18	ng	85
6) Aniline	6.62	93	646688	39.69	ng	# 62
8) 2-Chlorophenol	6.75	128	411991	40.23	ng	99
9) Benzaldehyde	6.51	77	366569	42.84	ng	97
10) Phenol	6.62	94	527533	37.75	ng	# 71
11) bis(2-Chloroethyl)ether	6.69	93	433577	38.87	ng	91
12) 1,3-Dichlorobenzene	7.14	146	481118	40.11	ng	97
13) 1,4-Dichlorobenzene	6.98	146	480050	39.54	ng	98
14) 1,2-Dichlorobenzene	7.14	146	481794	41.50	ng	95
15) Benzyl Alcohol	7.10	79	337787	38.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	774775	39.98	ng	94
17) 2-Methylphenol	7.23	107	372348	42.38	ng	99
18) Hexachloroethane	7.48	117	169034	40.79	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	281801	37.06	ng	95
20) 3+4-Methylphenols	7.38	107	427549	40.70	ng	# 71
22) Acetophenone	7.38	105	560327	36.97	ng	# 92
24) Nitrobenzene	7.55	77	443921	36.27	ng	99
25) Isophorone	7.79	82	828407	37.29	ng	96
26) 2-Nitrophenol	7.87	139	240174	41.28	ng	95
27) 2,4-Dimethylphenol	7.92	122	407500	39.88	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	583277	39.65	ng	99
29) 2,4-Dichlorophenol	8.11	162	348720	36.59	ng	87
30) 1,2,4-Trichlorobenzene	8.19	180	388359	37.81	ng	# 94
31) Naphthalene	8.28	128	1279439	38.02	ng	98
32) Benzoic acid	8.03	122	212916	38.45	ng	98
33) 4-Chloroaniline	8.33	127	503073	38.12	ng	98
34) Hexachlorobutadiene	8.40	225	218742	38.71	ng	98
35) Caprolactam	8.70	113	123620	41.24	ng	# 77
36) 4-Chloro-3-methylphenol	8.82	107	394103	39.66	ng	88
37) 2-Methylnaphthalene	8.97	142	795578	36.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	391355	39.66	ng	99
40) Hexachlorocyclopentadiene	9.12	237	181946	40.87	ng	96

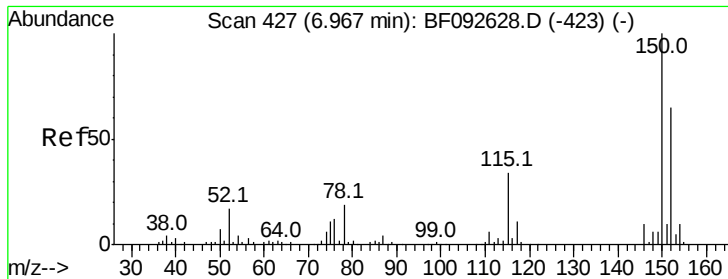
Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	262633	40.50	nq	95
43) 2,4,5-Trichlorophenol	9.29	196	271491	38.21	nq	96
45) 1,1'-Biphenyl	9.44	154	1058290	41.57	nq	99
46) 2-Chloronaphthalene	9.46	162	787169	39.53	nq	97
47) 2-Nitroaniline	9.55	65	260223	38.87	nq	90
48) Acenaphthylene	9.87	152	1296790	37.70	nq	99
49) Dimethylphthalate	9.73	163	854565	36.09	nq	99
50) 2,6-Dinitrotoluene	9.80	165	218209	42.67	nq	# 81
51) Acenaphthene	10.04	154	769446	37.41	nq	97
52) 3-Nitroaniline	9.97	138	251468	42.97	nq	# 77
53) 2,4-Dinitrophenol	10.08	184	93928	38.70	nq	90
54) Dibenzofuran	10.21	168	986584	35.86	nq	99
55) 4-Nitrophenol	10.13	139	152303	36.13	nq	91
56) 2,4-Dinitrotoluene	10.20	165	295100	43.35	nq	# 79
57) Fluorene	10.56	166	772683	36.51	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203668	42.97	nq	96
59) Diethylphthalate	10.43	149	848550	38.03	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	381197	37.49	nq	# 72
61) 4-Nitroaniline	10.58	138	217619	36.31	nq	93
62) Azobenzene	10.70	77	886038	38.43	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	137915	40.64	nq	83
65) n-Nitrosodiphenylamine	10.67	169	706469	39.25	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	225316	38.27	nq	# 90
67) Hexachlorobenzene	11.10	284	220101	37.83	nq	# 85
68) Atrazine	11.20	200	212571	36.80	nq	99
69) Pentachlorophenol	11.30	266	103757	38.64	nq	96
70) Phenanthrene	11.53	178	1285642	39.82	nq	98
71) Anthracene	11.57	178	1237179	38.16	nq	98
72) Carbazole	11.73	167	1266779	40.88	nq	98
73) Di-n-butylphthalate	12.05	149	1282986	38.28	nq	98
74) Fluoranthene	12.70	202	1264614	37.98	nq	97
76) Benzidine	12.83	184	685535	36.85	nq	95
77) Pyrene	12.94	202	1363376	41.73	nq	98
79) Butylbenzylphthalate	13.55	149	530135	39.96	nq	98
80) Benzo(a)anthracene	14.12	228	1044645	39.12	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	360865	37.91	nq	99
82) Chrysene	14.17	228	1082862	43.31	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	752491	41.47	nq	97
84) Di-n-octyl phthalate	14.73	149	1214418	41.10	nq	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	700565	36.18	nq	95
87) Benzo(b)fluoranthene	15.17	252	1015466	45.10	nq	97
88) Benzo(k)fluoranthene	15.17	252	1015466	52.23	nq	# 96
89) Benzo(a)pyrene	15.55	252	788620	40.49	nq	# 95
90) Dibenzo(a,h)anthracene	17.11	278	604298	38.39	nq	98
91) Benzo(g,h,i)perylene	17.53	276	604005	37.98	nq	# 91

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

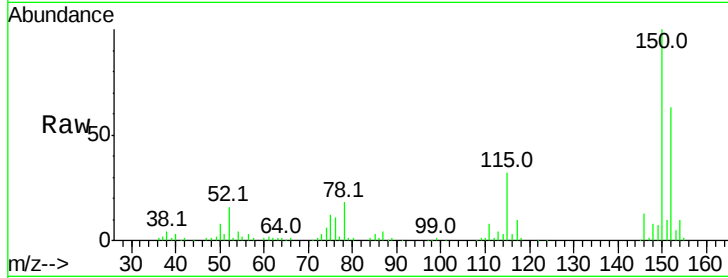


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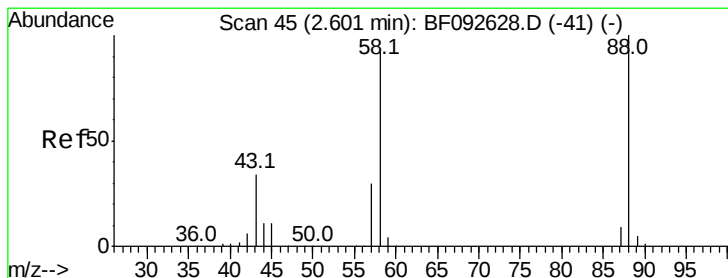
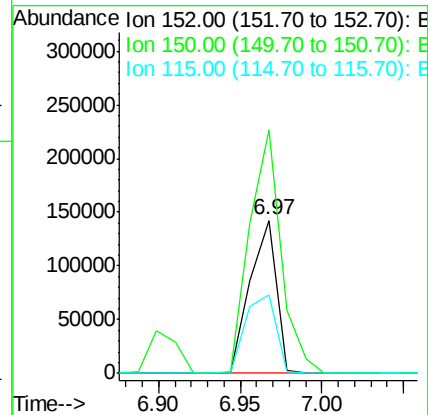
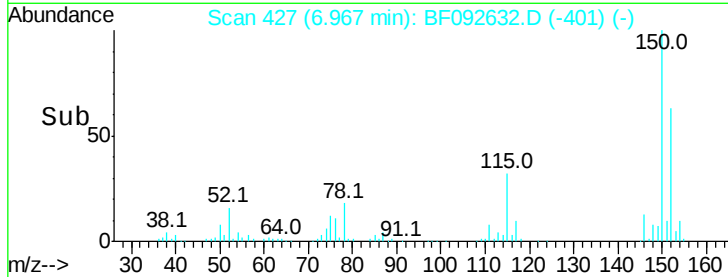
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion:152 Resp: 159259
Ion Ratio Lower Upper
152 100
150 158.9 124.9 187.3
115 51.3 46.0 69.0



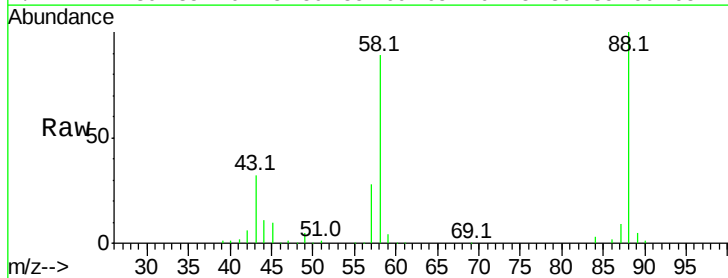
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



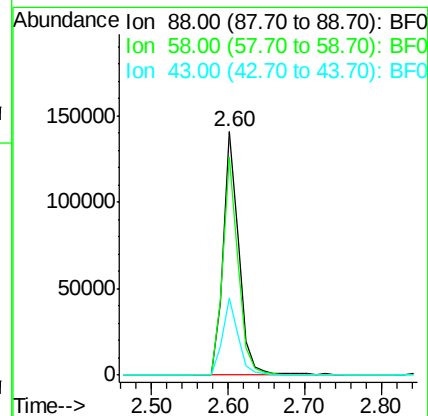
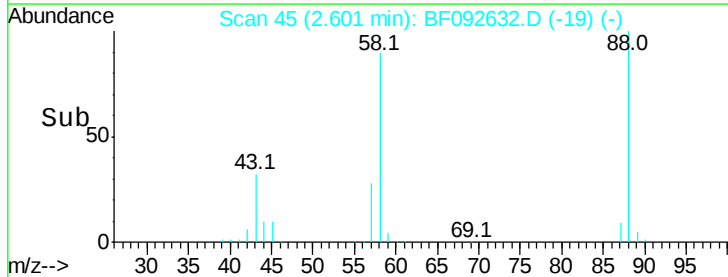
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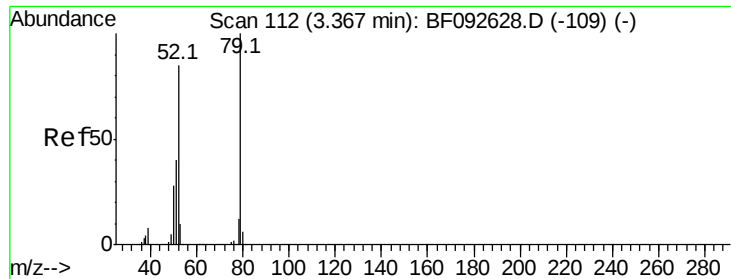
1,4-Dioxane
Concen: 39.59 ng
RT: 2.60 min Scan# 45
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion: 88 Resp: 198566
Ion Ratio Lower Upper
88 100
58 88.4 57.8 86.8#
43 32.0 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

Pvridine

Concen: 44.07 ng

RT: 3.36 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

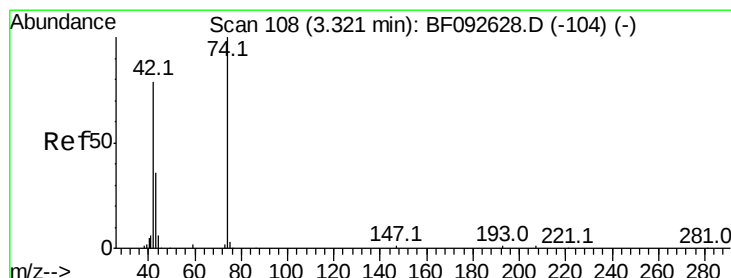
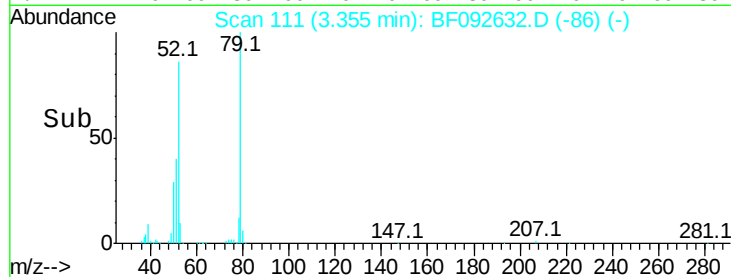
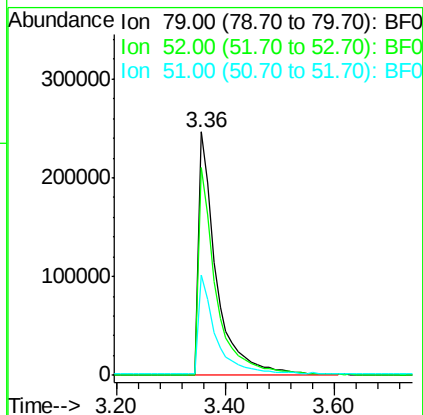
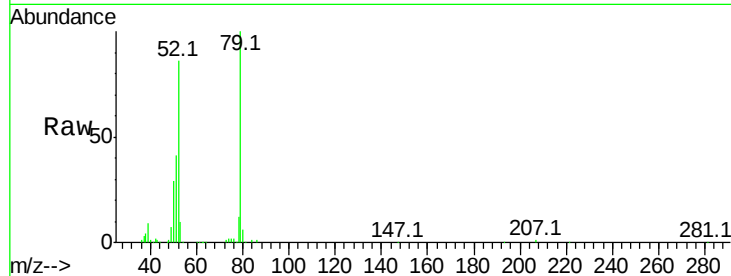
Tot Ion: 79 Resp: 562056

Ion Ratio Lower Upper

79 100

52 85.5 57.1 85.7

51 41.1 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 42.18 ng

RT: 3.32 min Scan# 108

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

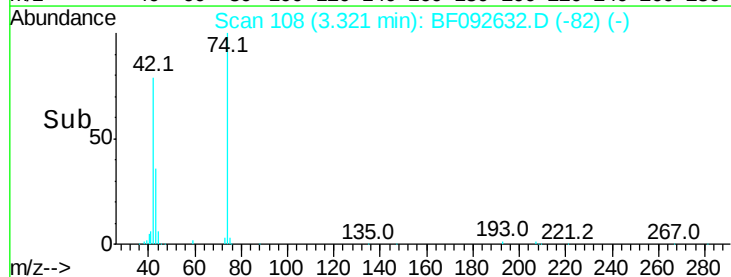
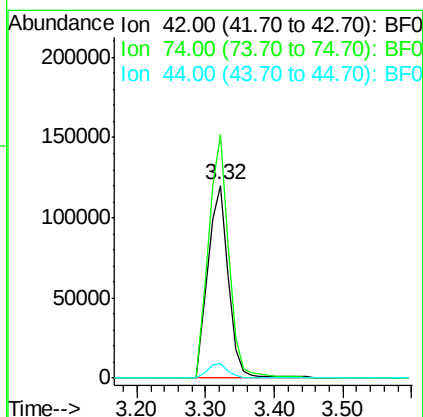
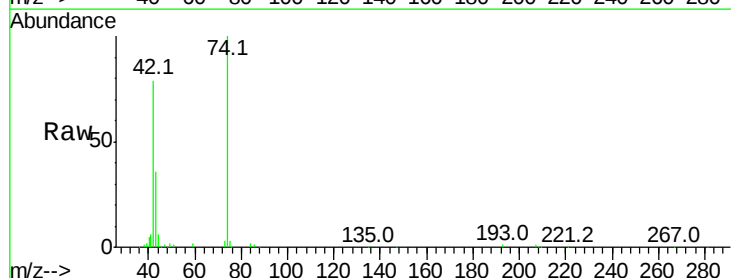
Tgt Ion: 42 Resp: 252636

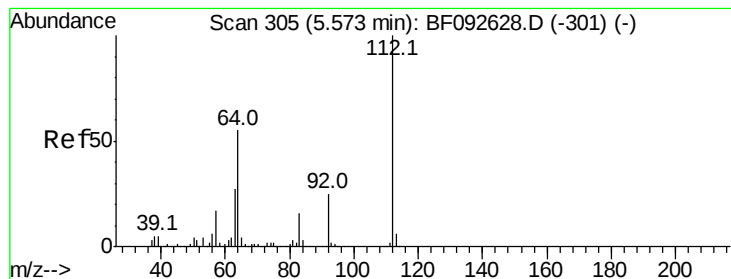
Ion Ratio Lower Upper

42 100

74 126.4 117.0 175.4

44 7.4 5.5 8.3

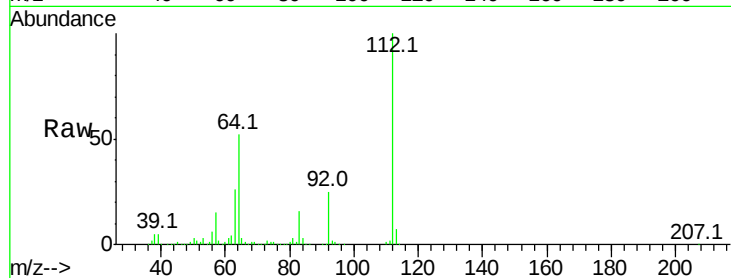




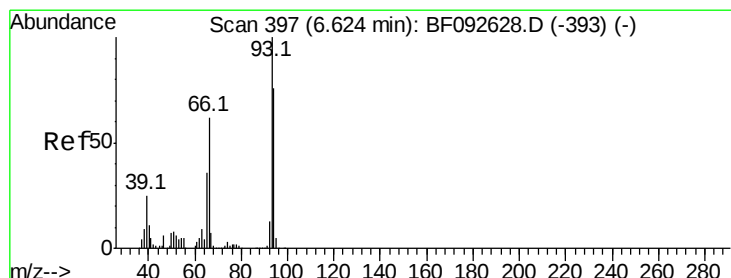
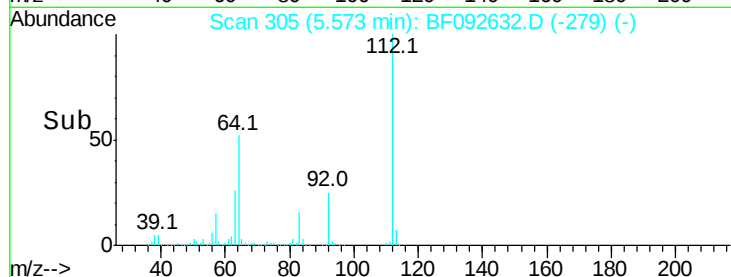
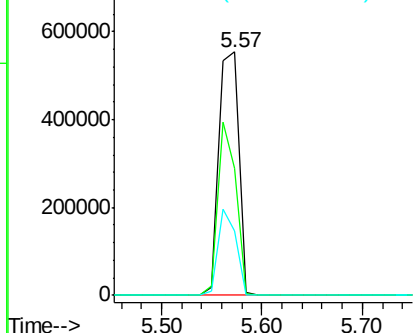
#5
 2-Fluorophenol
 Concen: 82.83 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:112 Resp: 768941
 Ion Ratio Lower Upper
 112 100
 64 52.0 46.1 69.1
 63 26.3 23.8 35.6

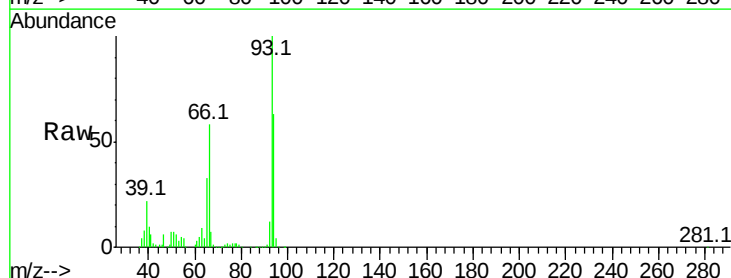


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

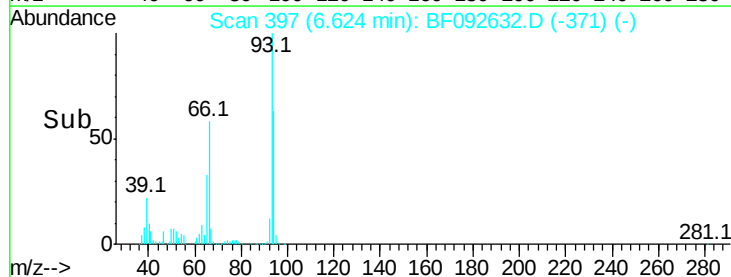
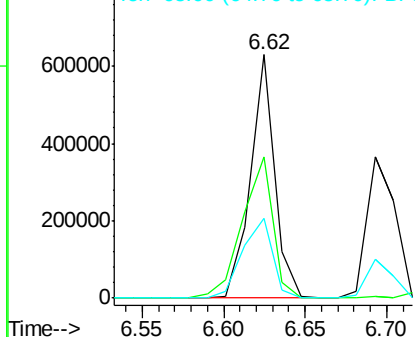


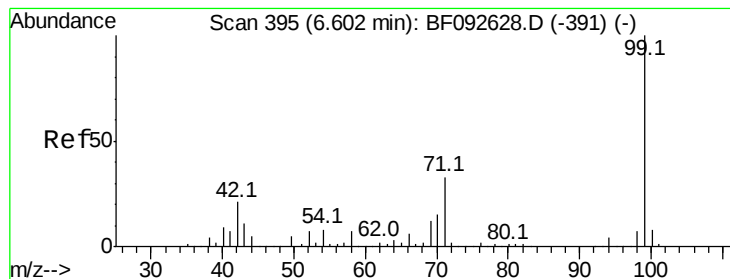
#6
 Aniline
 Concen: 39.69 ng
 RT: 6.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion: 93 Resp: 646688
 Ion Ratio Lower Upper
 93 100
 66 58.0 76.2 114.2#
 65 33.0 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: 79.94 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

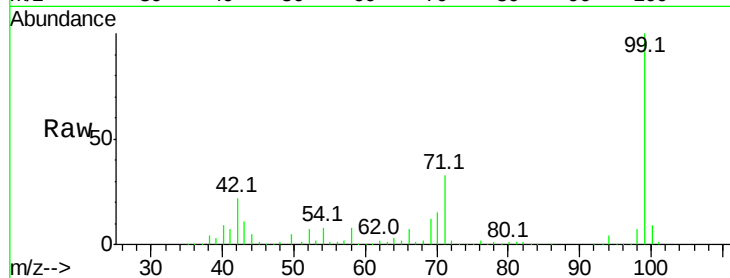
Tot Ion: 99 Resp: 954813

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

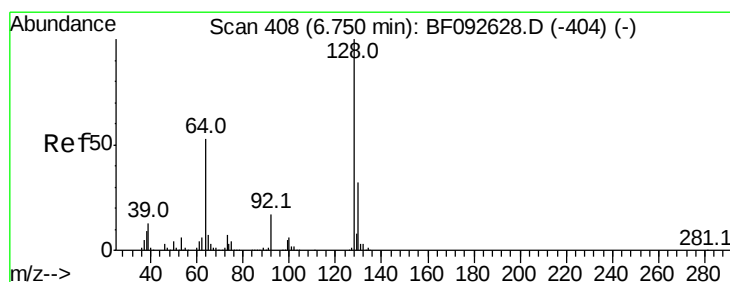
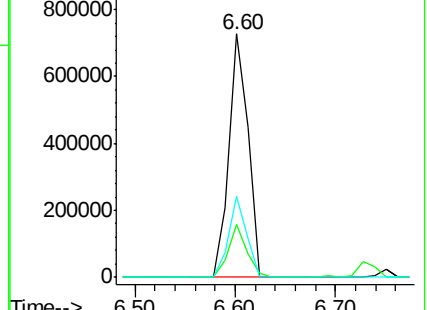
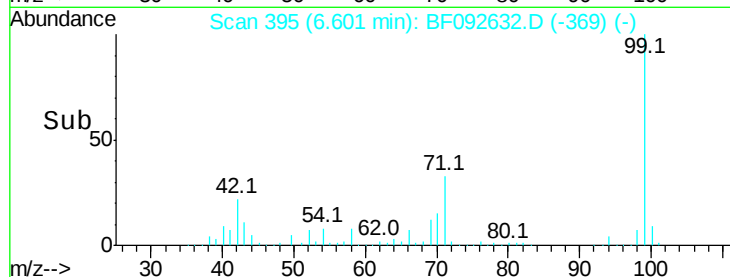
71 33.2 27.5 41.3



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



#8

2-Chlorophenol

Concen: 40.23 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

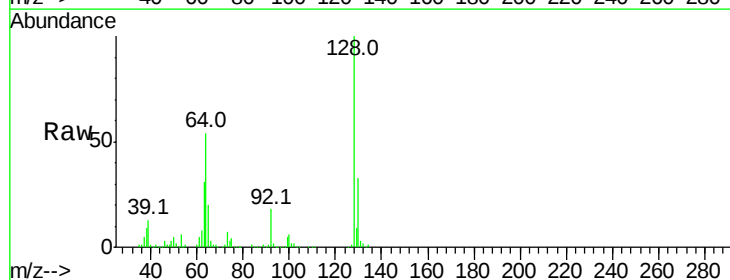
Tgt Ion: 128 Resp: 411991

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

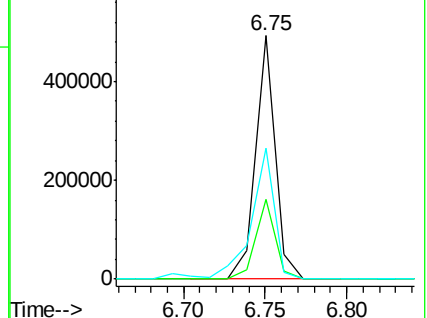
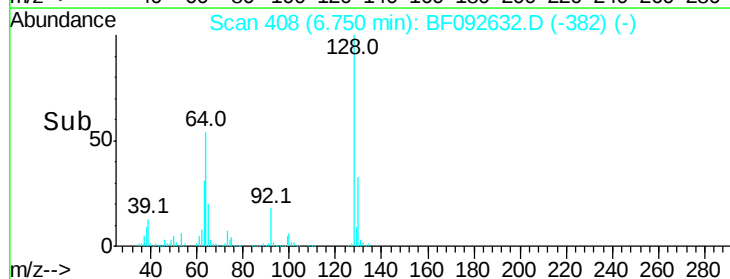
64 53.6 32.2 72.2

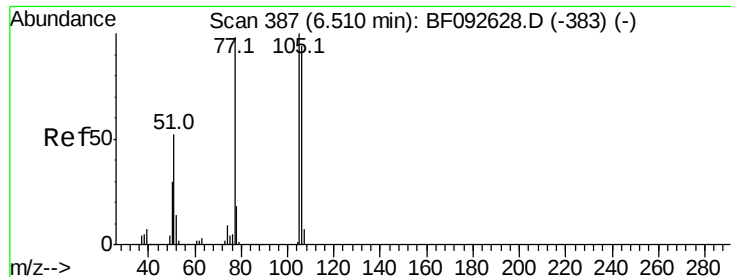


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

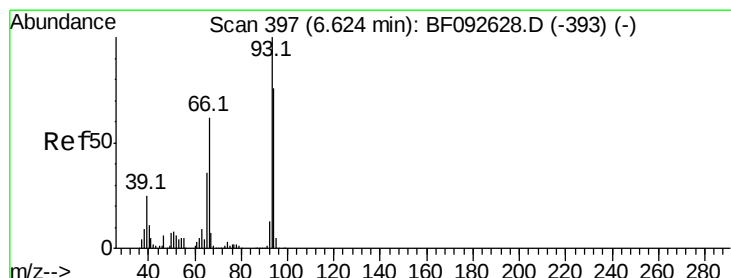
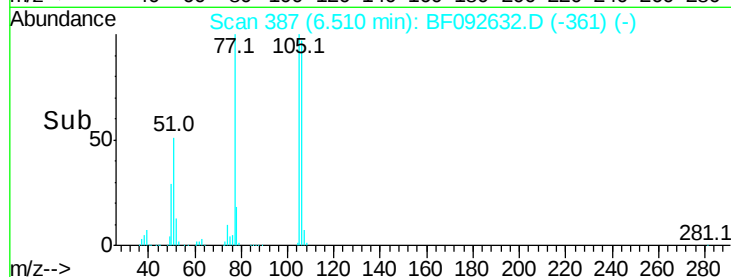
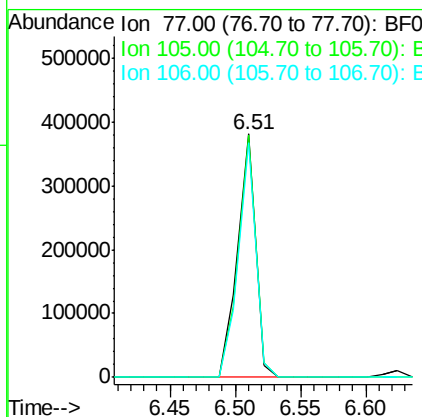
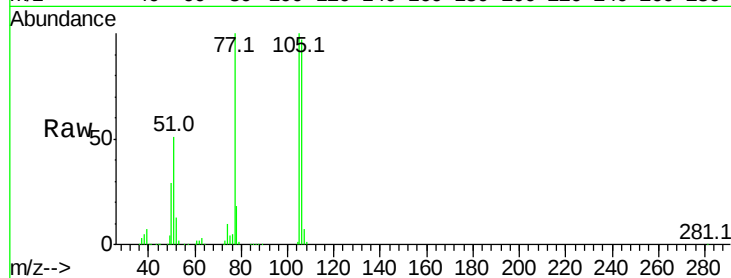




#9
Benzaldehyde
Concen: 42.84 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

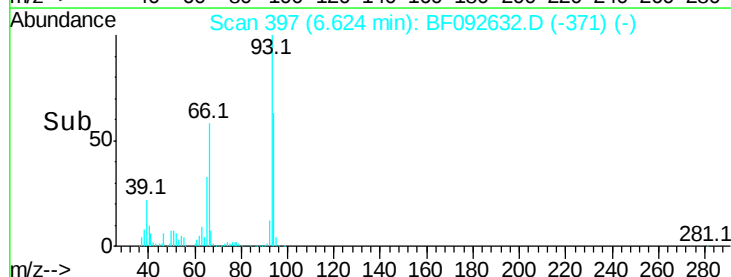
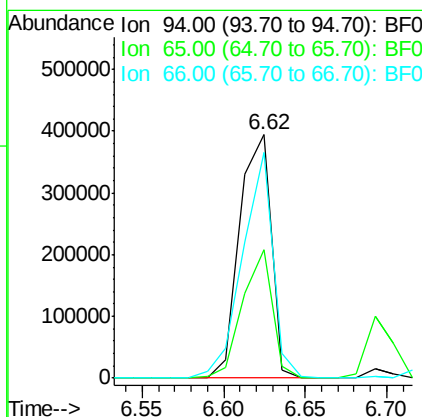
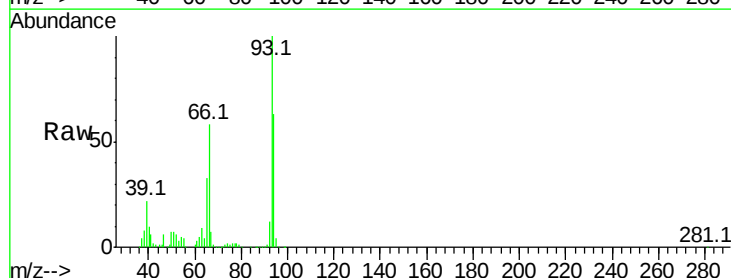
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion: 77 Resp: 366569
Ion Ratio Lower Upper
77 100
105 99.8 83.9 123.9
106 96.5 77.6 117.6



#10
Phenol
Concen: 37.75 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion: 94 Resp: 527533
Ion Ratio Lower Upper
94 100
65 52.6 21.4 61.4
66 92.7 44.0 84.0#

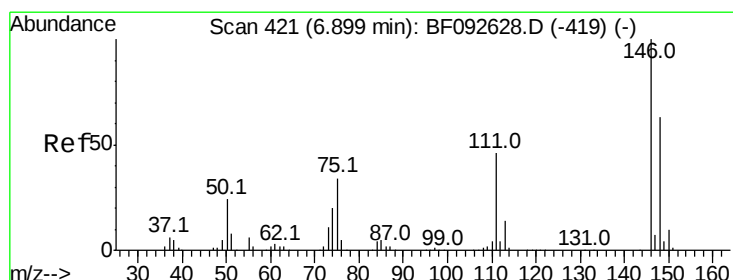
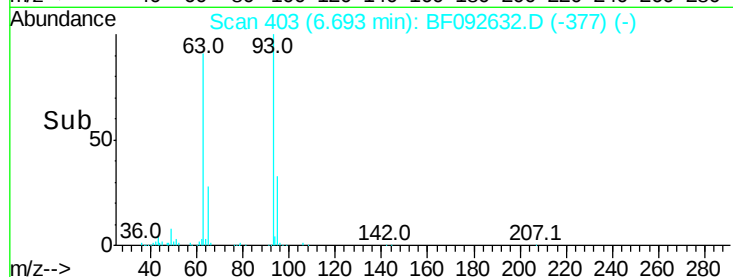
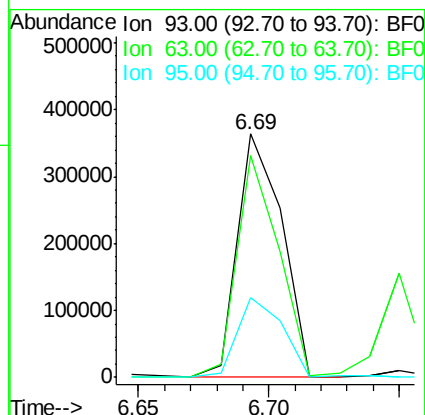
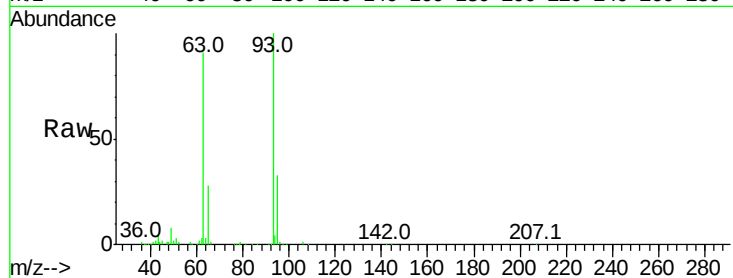




#11
bis(2-Chloroethyl)ether
Concen: 38.87 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

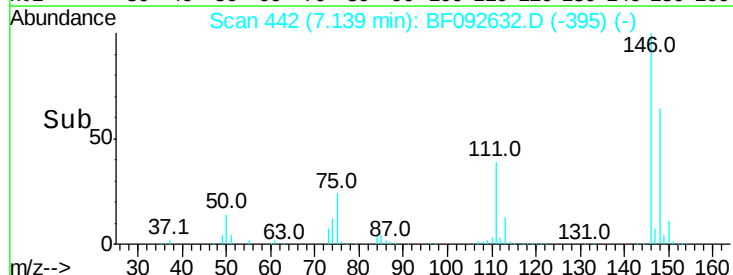
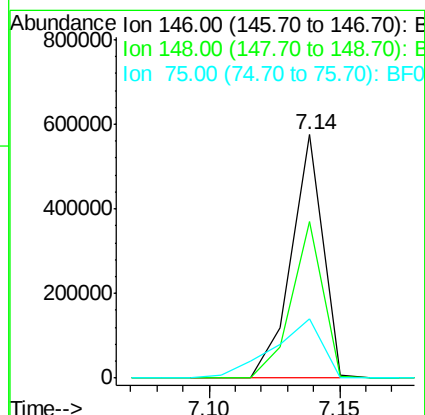
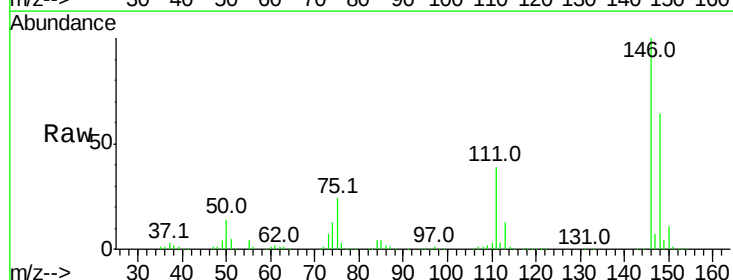
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

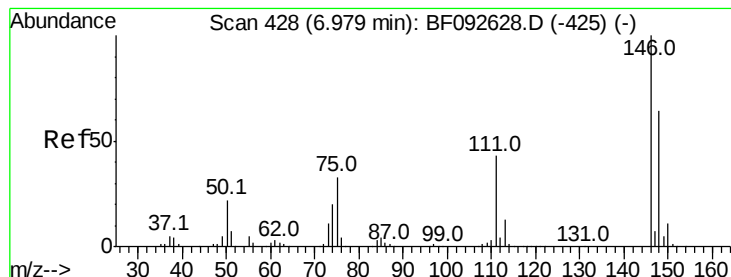
Tot Ion: 93 Resp: 433577
Ion Ratio Lower Upper
93 100
63 91.0 60.4 100.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.11 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.24 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion: 146 Resp: 481118
Ion Ratio Lower Upper
146 100
148 64.2 53.4 80.0
75 24.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.54 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

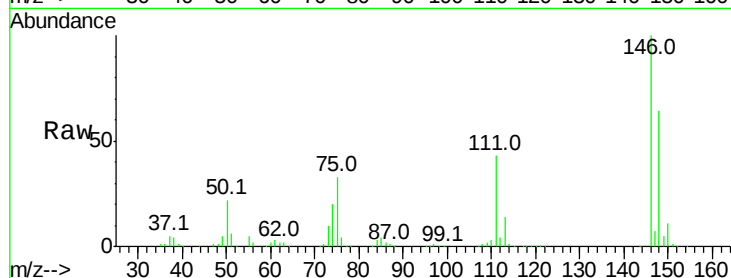
Tot Ion:146 Resp: 480050

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

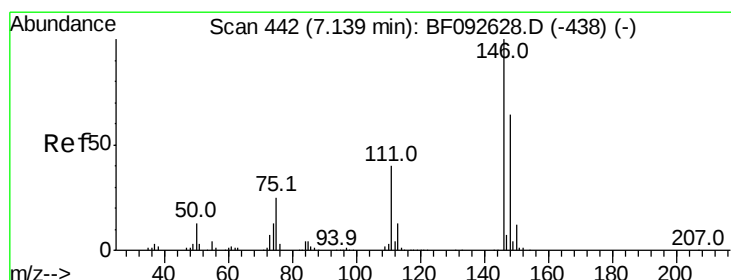
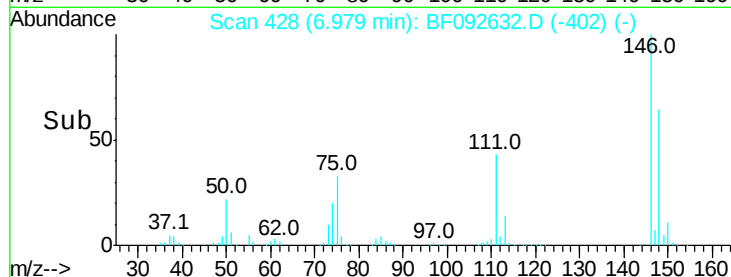
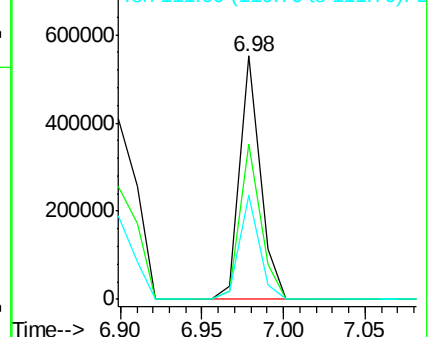
111 42.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.50 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

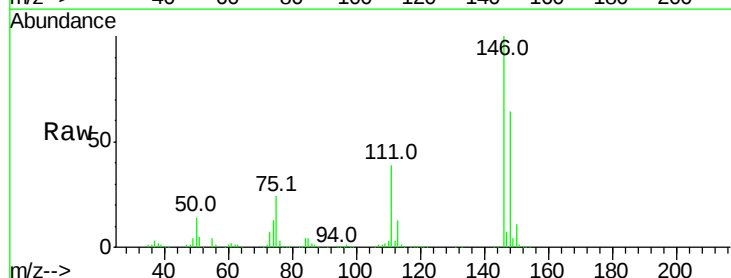
Tgt Ion:146 Resp: 481794

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

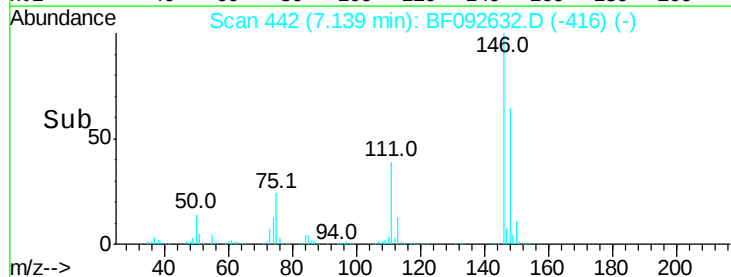
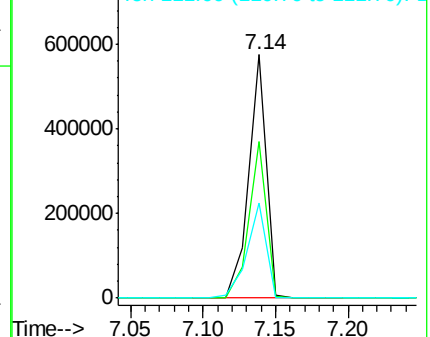
111 39.0 36.2 54.2

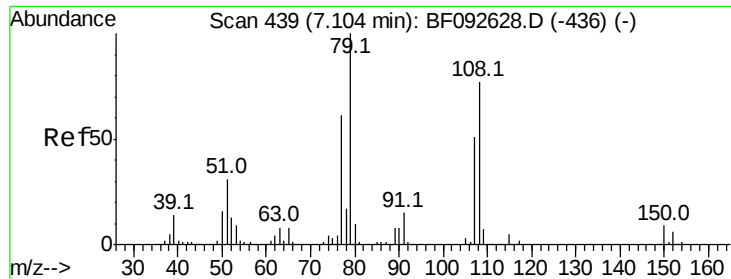


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

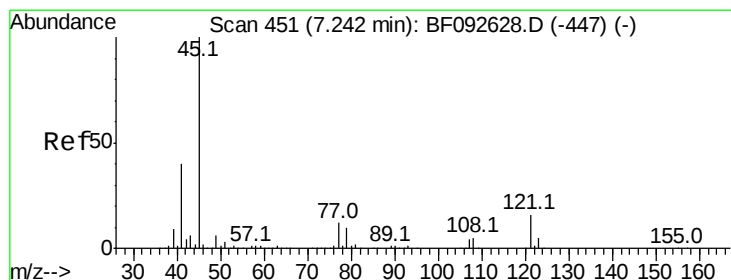
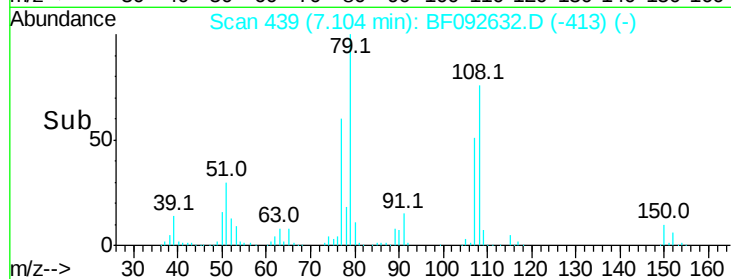
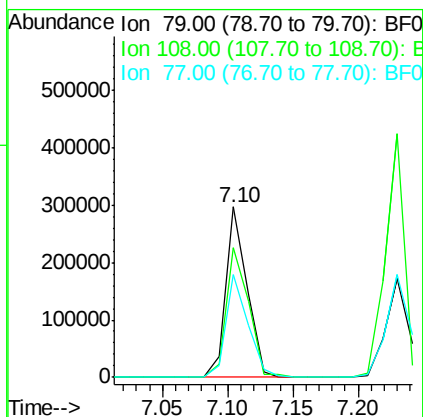
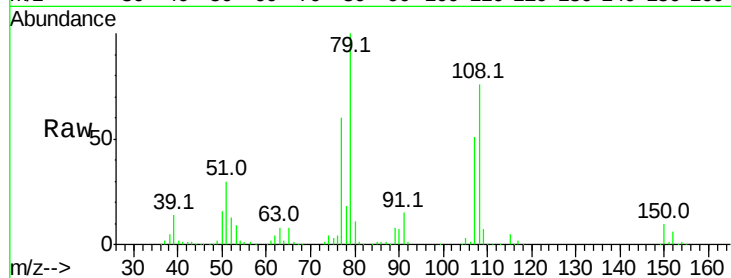




#15
Benzyl Alcohol
Concen: 38.20 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

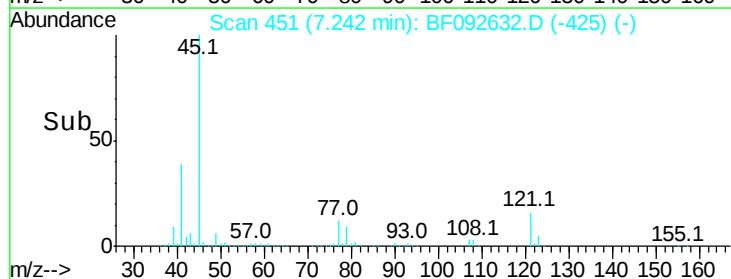
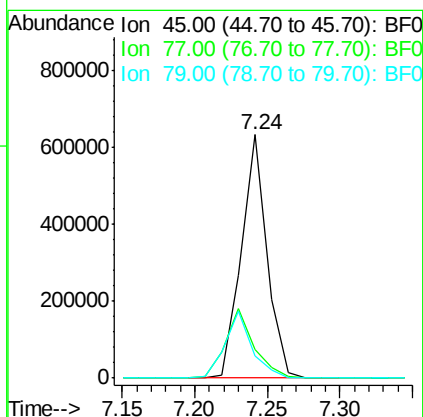
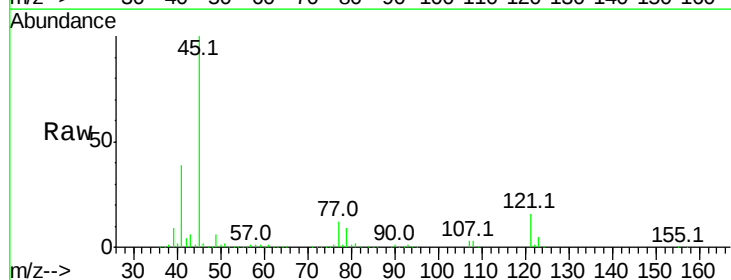
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

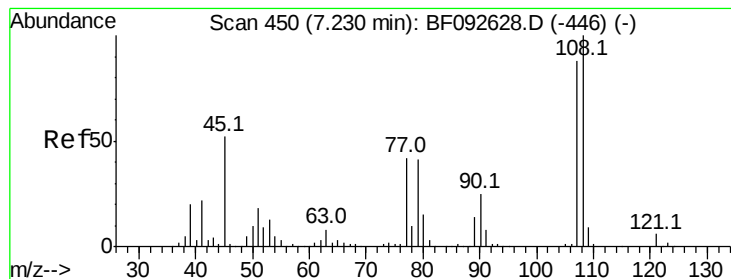
Tot Ion: 79 Resp: 337787
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.0
77 60.5 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.98 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion: 45 Resp: 774775
Ion Ratio Lower Upper
45 100
77 11.7 0.0 34.6
79 9.1 0.0 31.2





#17

2-Methylphenol

Concen: 42.38 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

Tot Ion:107 Resp: 372348

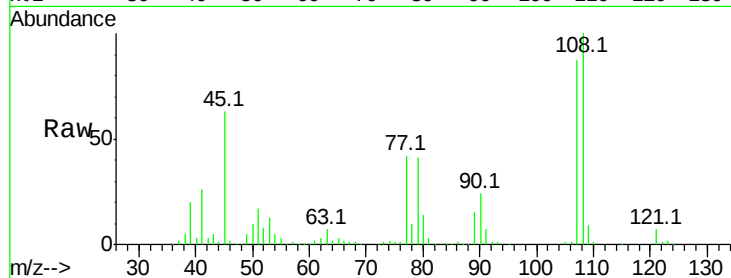
Ion Ratio Lower Upper

107 100

108 115.6 93.0 139.6

77 48.9 39.8 59.8

79 47.1 38.0 57.0

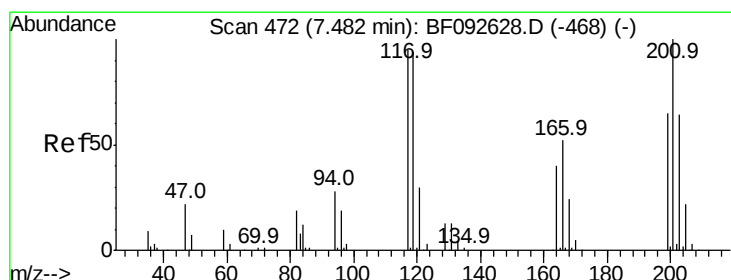
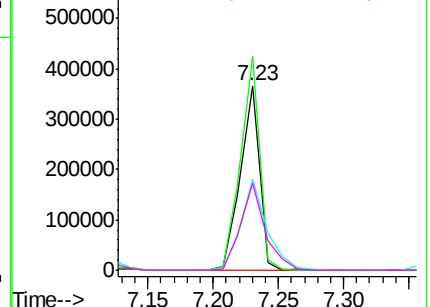
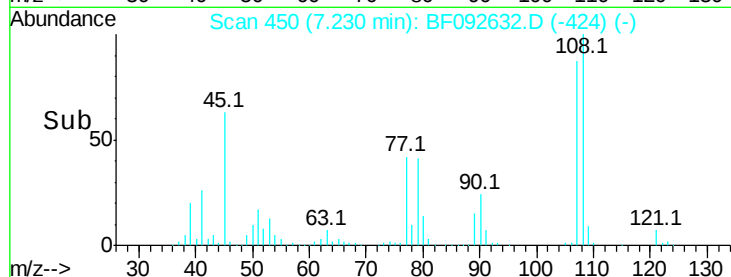


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.79 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

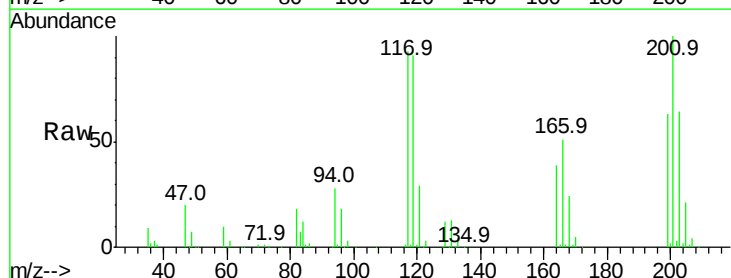
Tgt Ion:117 Resp: 169034

Ion Ratio Lower Upper

117 100

119 97.7 78.1 117.1

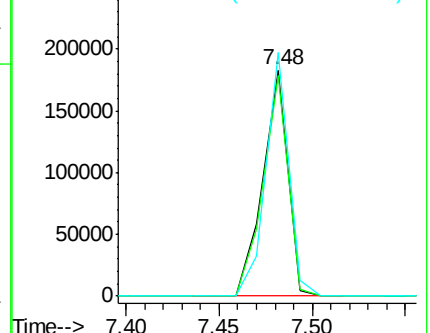
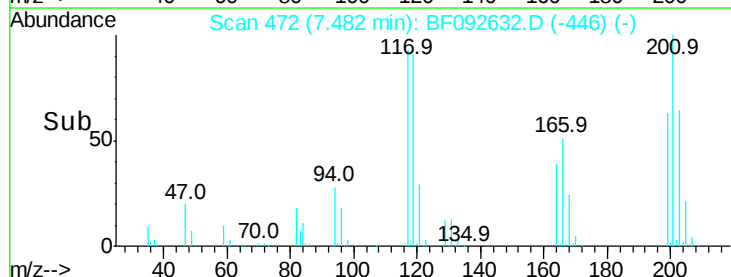
201 107.8 78.6 117.8

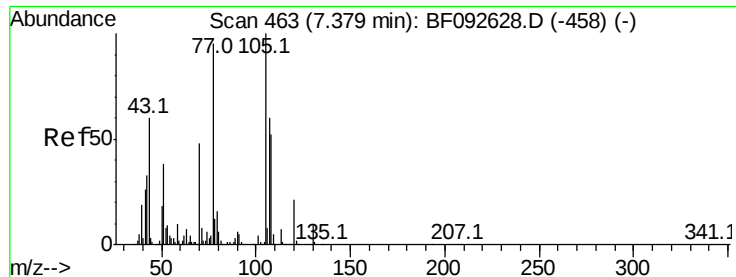


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

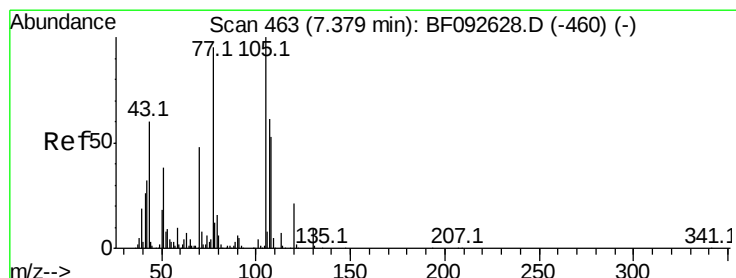
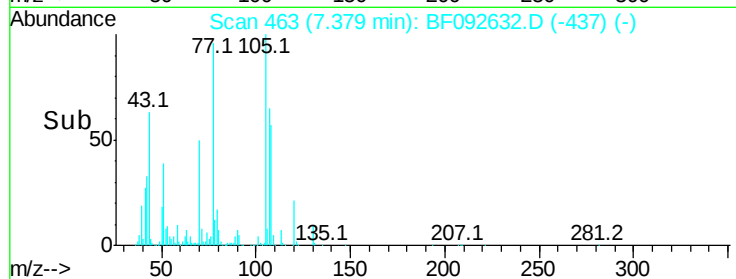
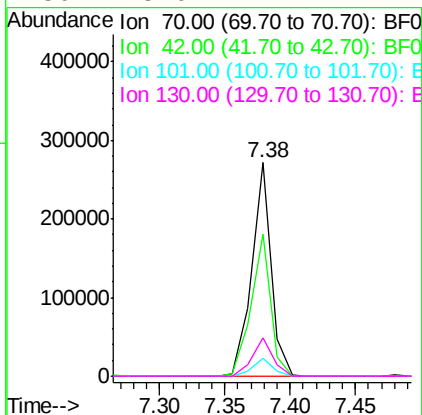
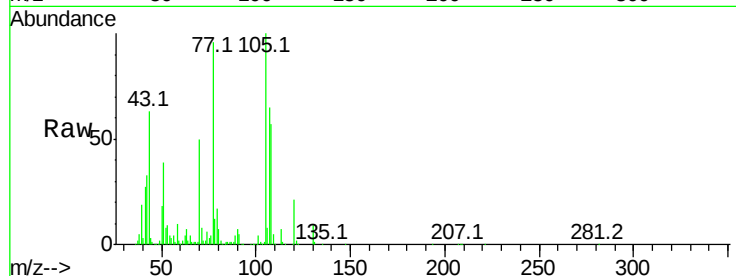




#19
n-Nitroso-di-n-propylamine
Concen: 37.06 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

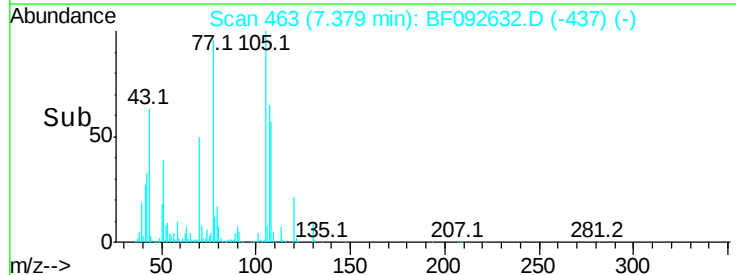
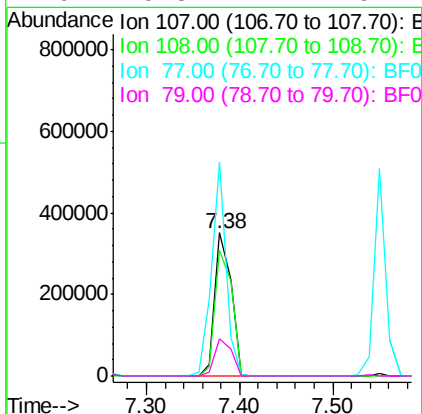
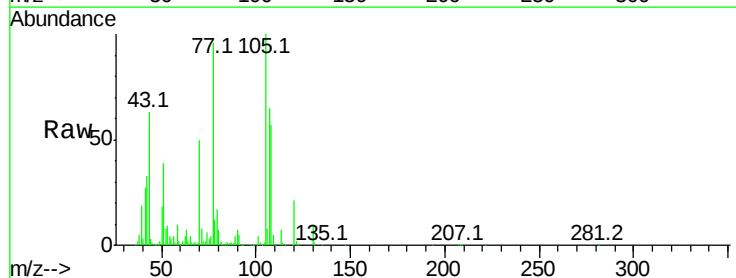
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

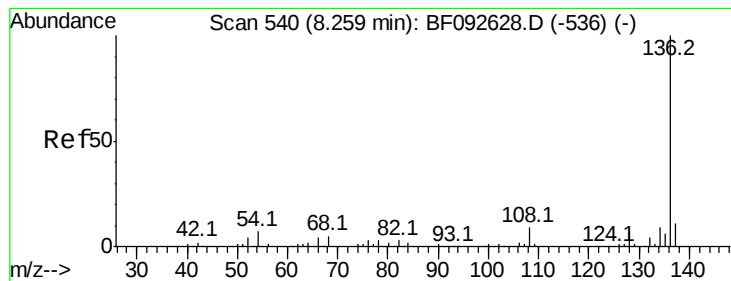
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	49.4	74.0
101	8.6	7.4	11.2
130	18.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 40.70 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	149.2	71.3	111.3
79	26.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

Tot Ion:136 Resp: 663834

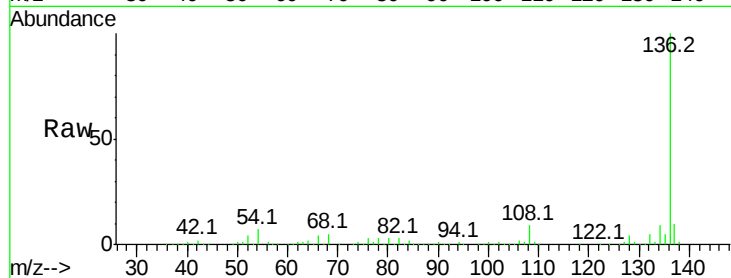
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 7.4 4.5 6.7#

68 5.1 3.6 5.4

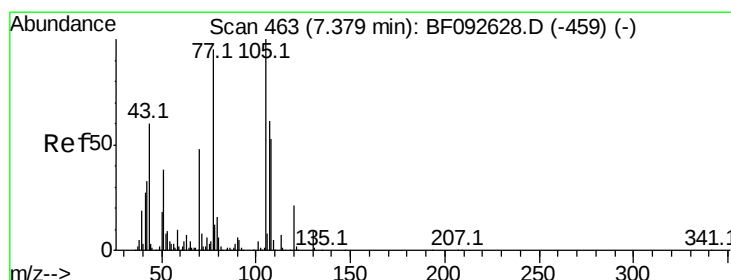
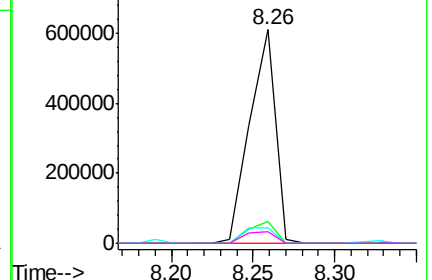
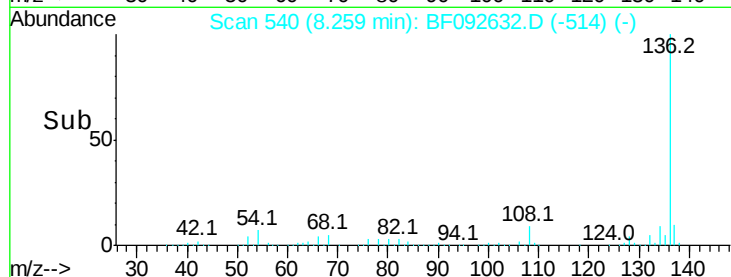


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.97 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:105 Resp: 560327

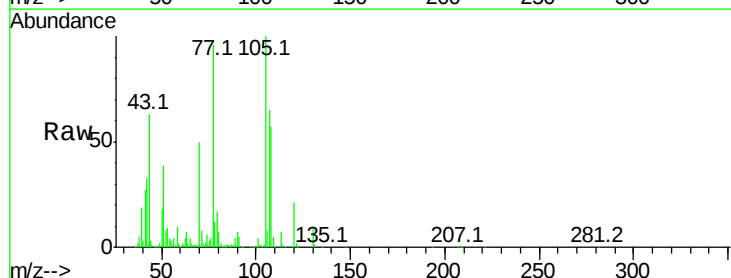
Ion Ratio Lower Upper

105 100

71 8.5 3.2 4.8#

51 38.8 26.2 39.4

120 21.4 16.6 24.8

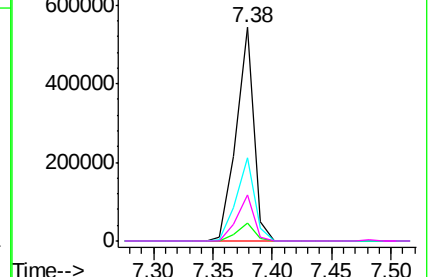
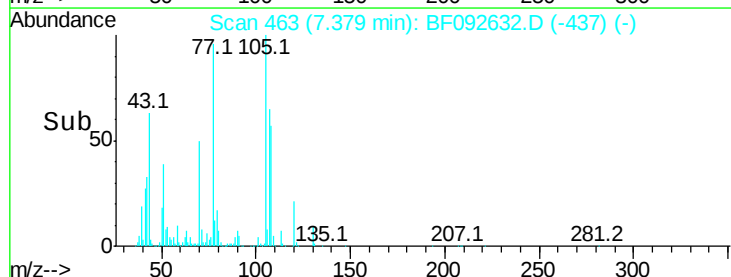


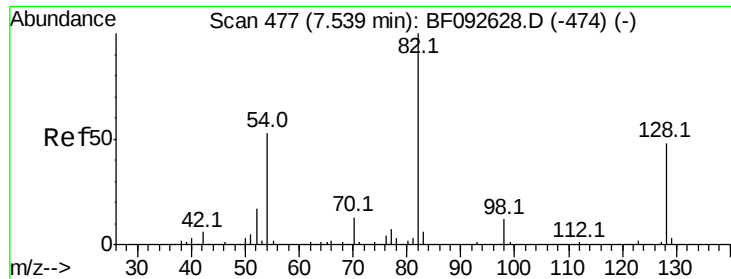
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

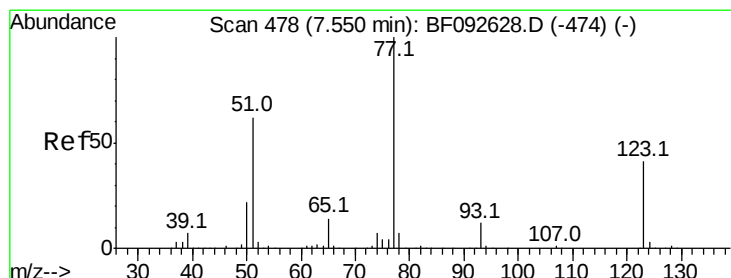
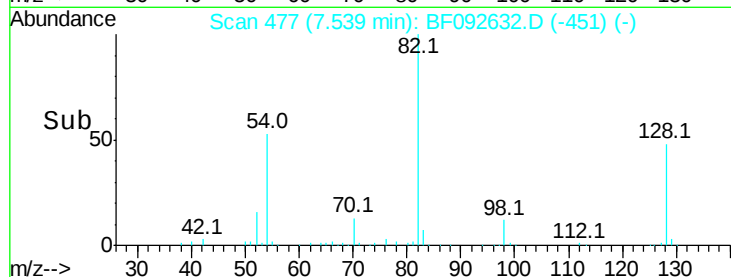
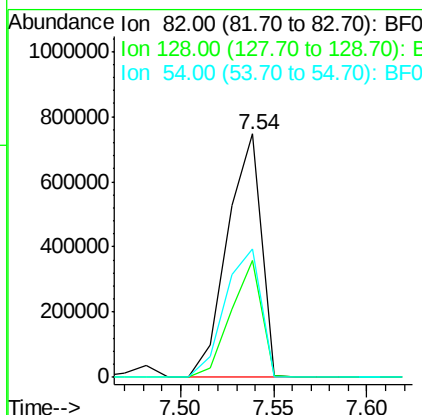
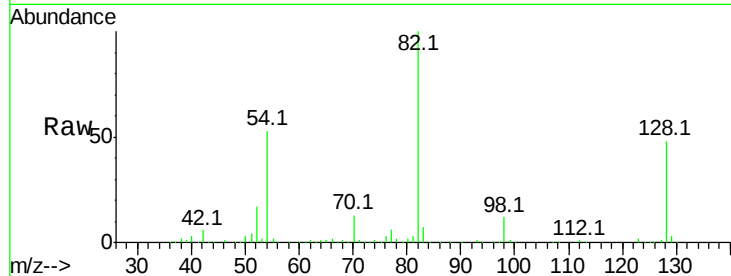




#23
 Nitrobenzene-d5
 Concen: 79.33 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

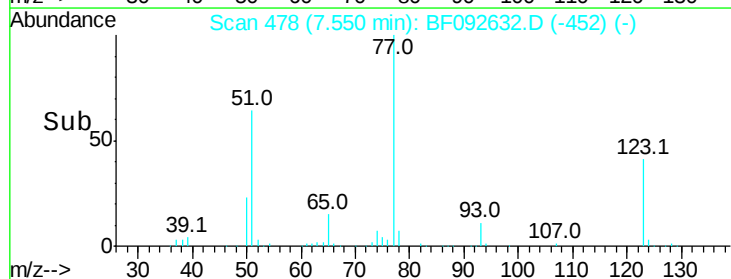
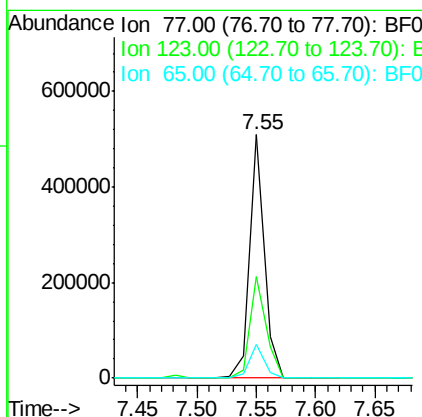
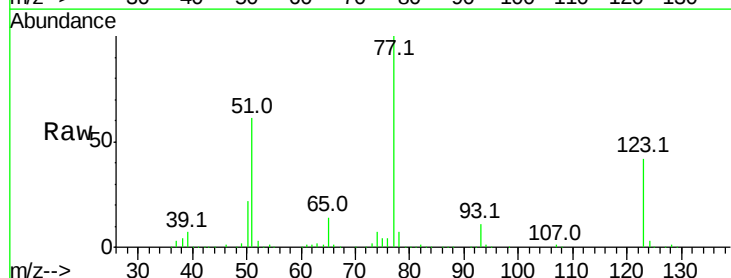
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

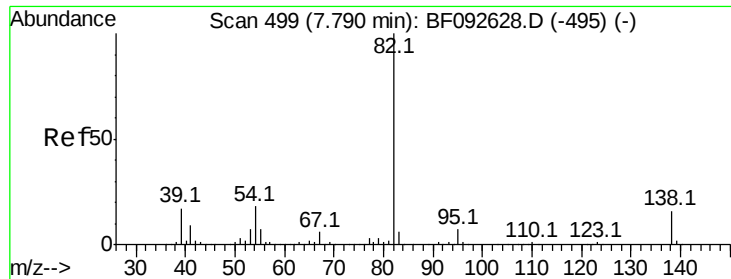
Tot Ion	82	Resp	945717
Ion Ratio	Lower	Upper	
82	100		
128	47.8	34.6	52.0
54	52.6	39.5	59.3



#24
 Nitrobenzene
 Concen: 36.27 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	77	Resp	443921
Ion Ratio	Lower	Upper	
77	100		
123	41.7	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 37.29 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

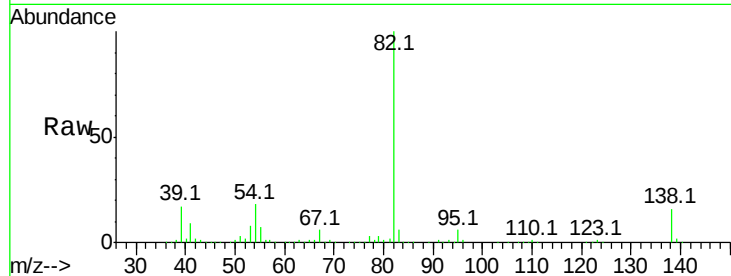
Tot Ion: 82 Resp: 828407

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

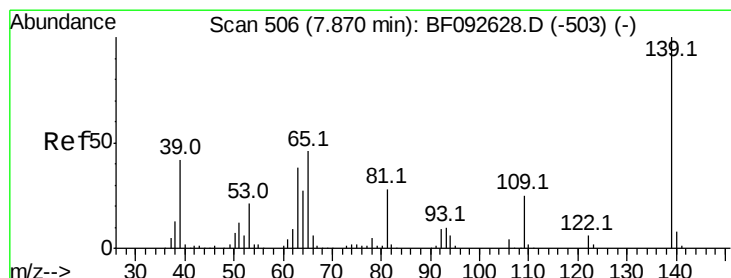
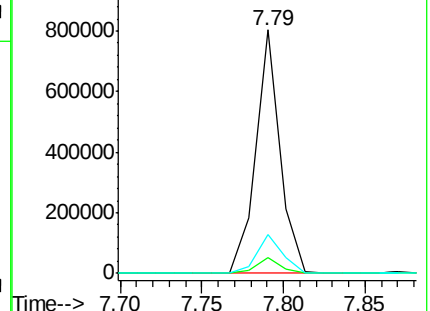
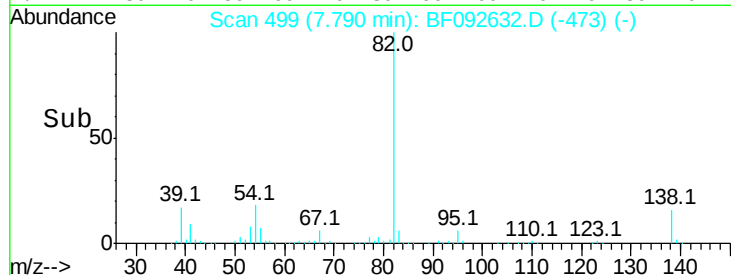
138 16.2 14.6 22.0



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: 41.28 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

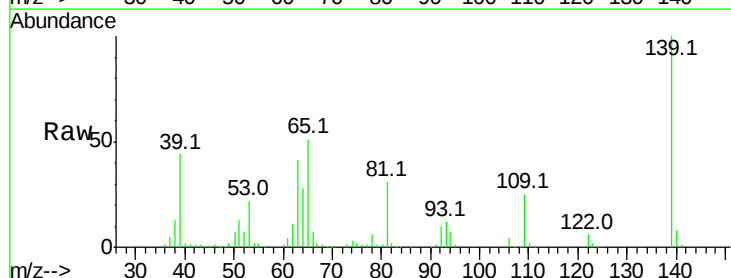
Tgt Ion: 139 Resp: 240174

Ion Ratio Lower Upper

139 100

109 25.3 23.3 34.9

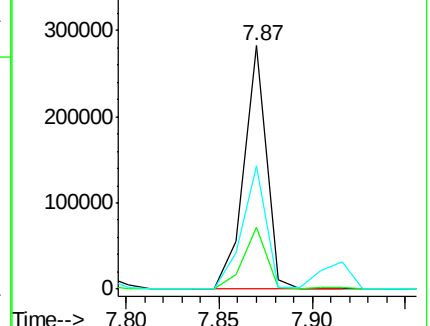
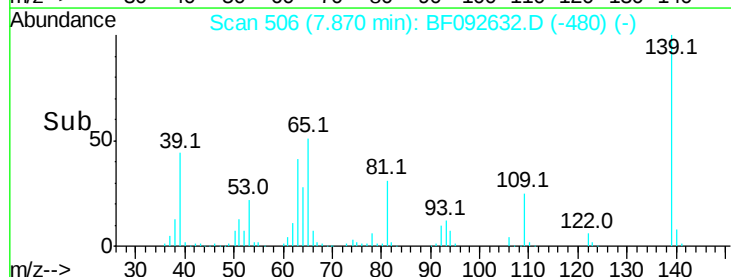
65 50.5 42.7 64.1

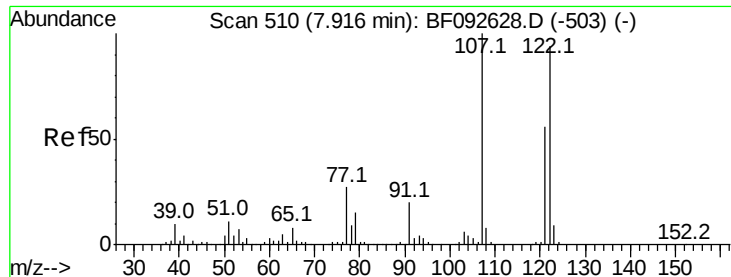


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.88 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

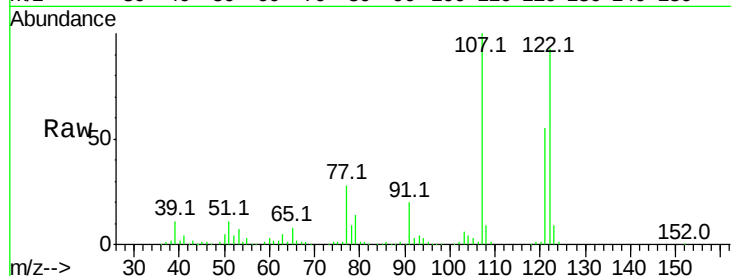
Tot Ion:122 Resp: 407500

Ion Ratio Lower Upper

122 100

107 107.2 94.1 141.1

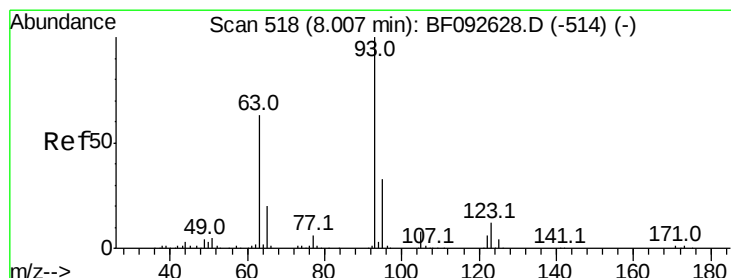
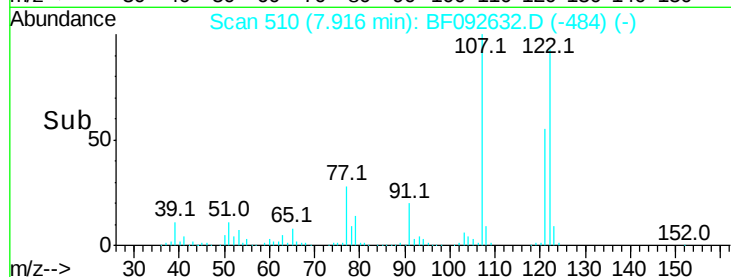
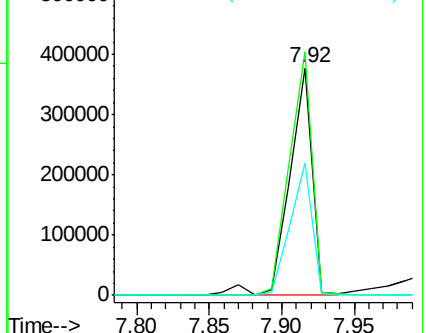
121 58.5 46.0 69.0



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: 39.65 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

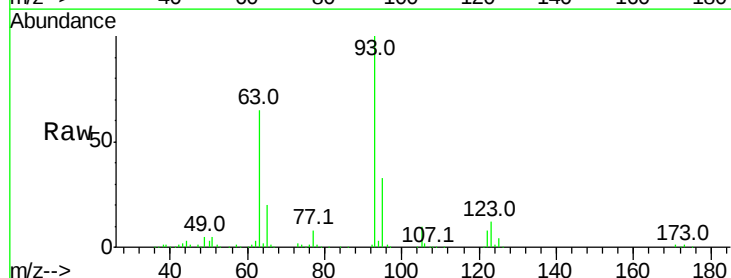
Tgt Ion: 93 Resp: 583277

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

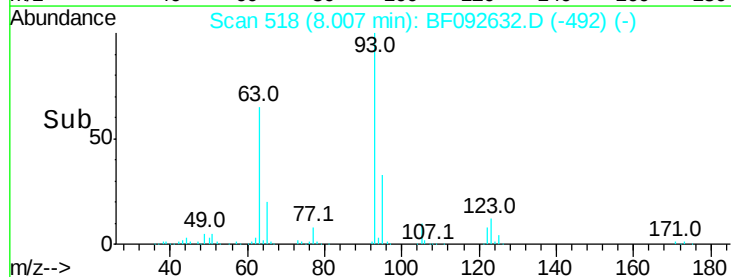
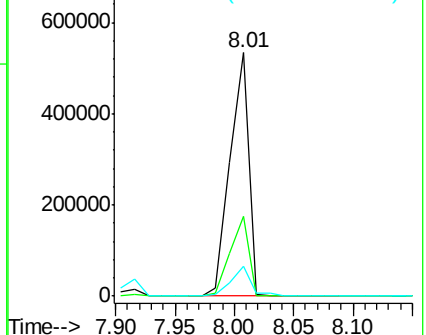
123 12.0 8.6 13.0

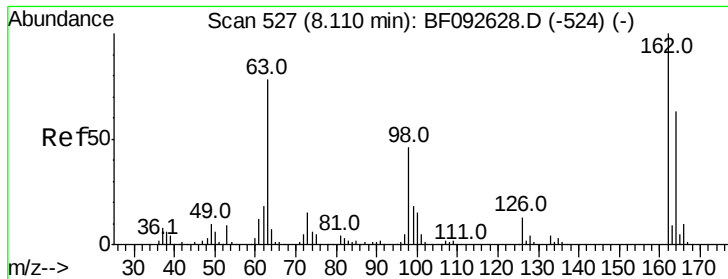


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

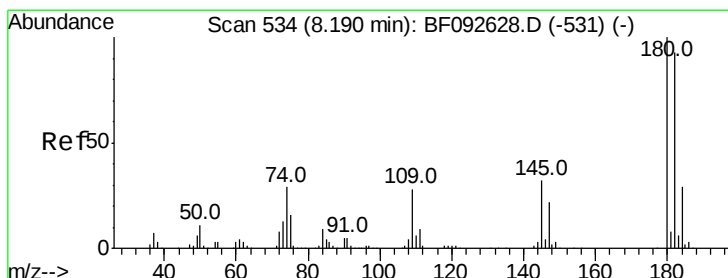
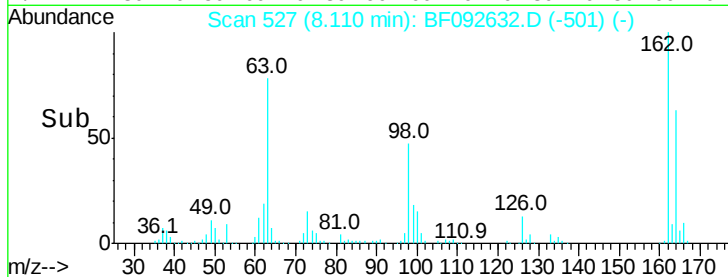
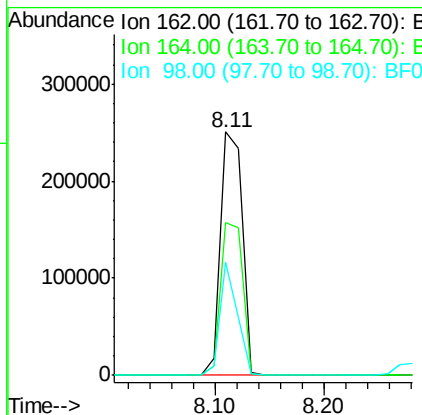
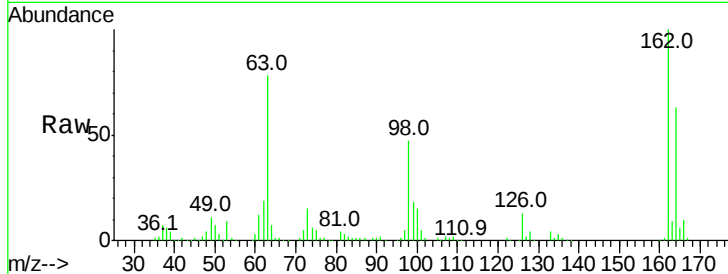




#29
 2,4-Dichlorophenol
 Concen: 36.59 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

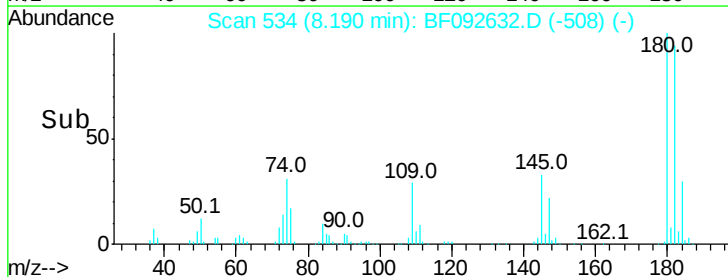
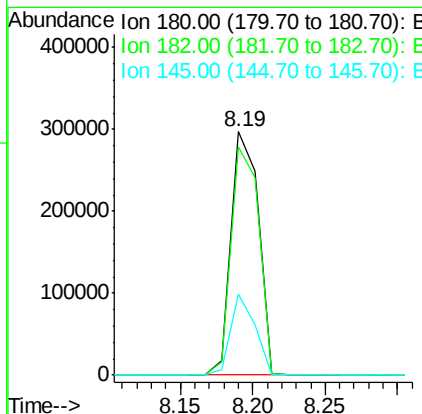
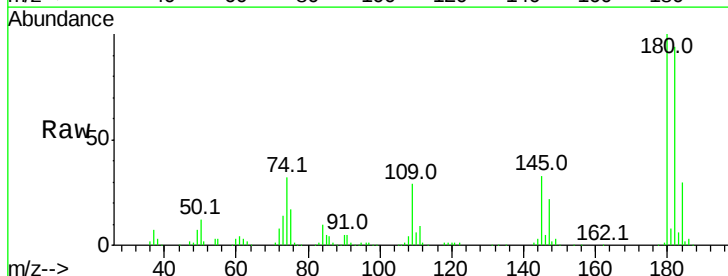
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

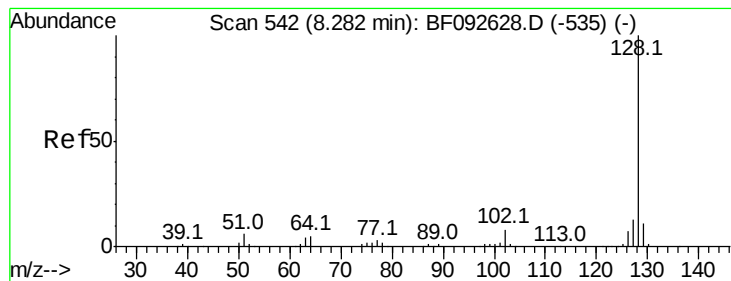
Tot Ion:162 Resp: 348720
 Ion Ratio Lower Upper
 162 100
 164 62.9 46.8 86.8
 98 46.5 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:180 Resp: 388359
 Ion Ratio Lower Upper
 180 100
 182 93.9 78.2 117.4
 145 33.3 21.6 32.4#





#31

Naphthalene

Concen: 38.02 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

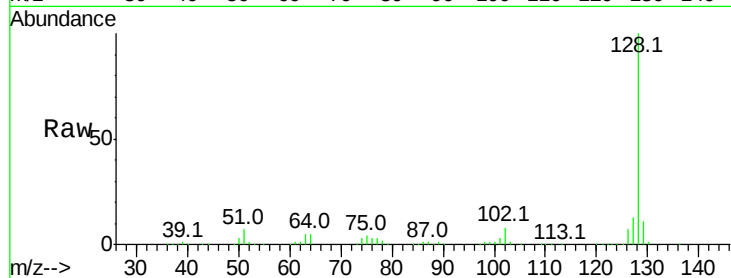
Tot Ion:128 Resp: 1279439

Ion Ratio Lower Upper

128 100

129 10.7 9.5 14.3

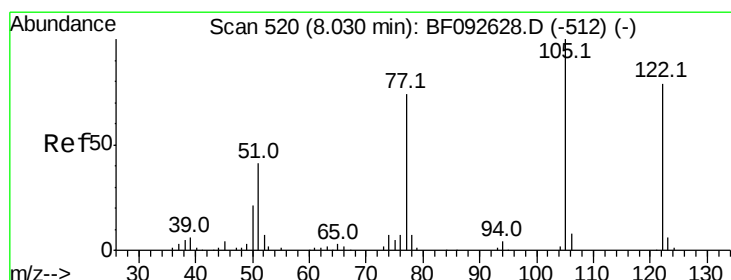
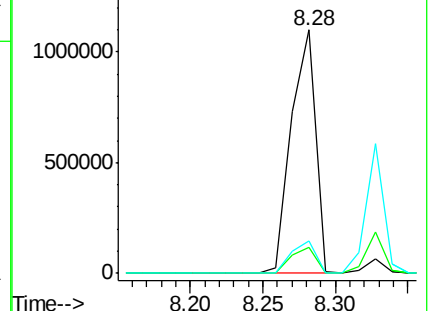
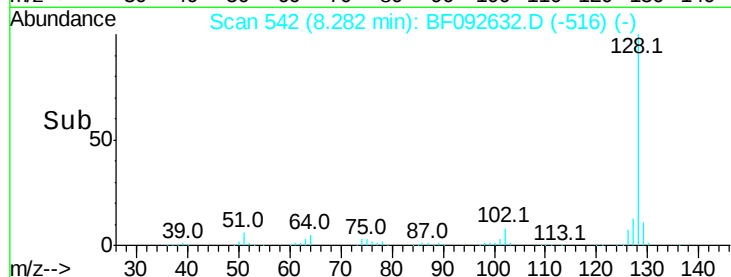
127 13.3 10.8 16.2



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: 38.45 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

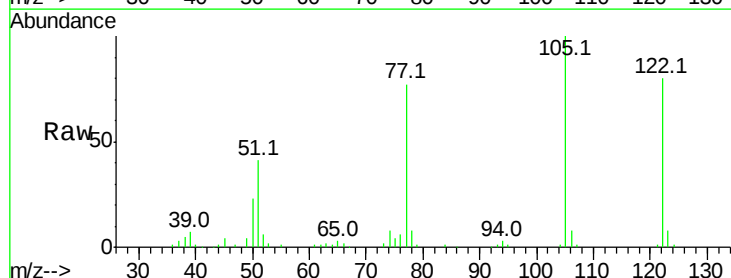
Tgt Ion:122 Resp: 212916

Ion Ratio Lower Upper

122 100

105 125.2 107.2 147.2

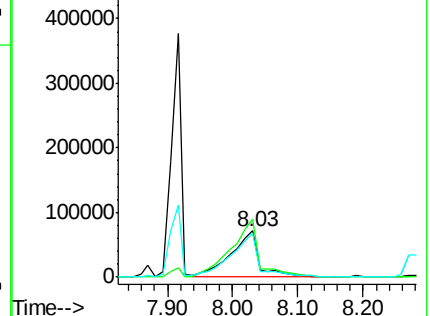
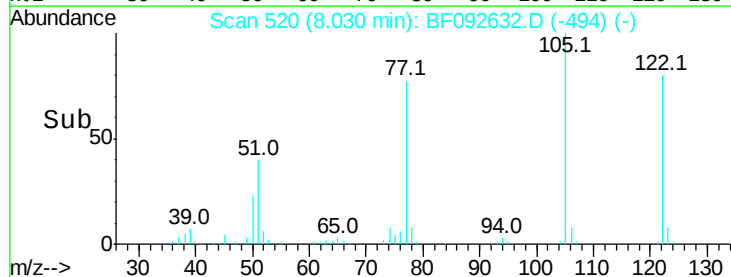
77 96.5 74.5 114.5

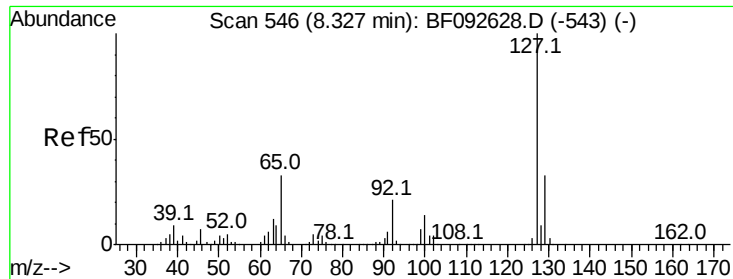


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

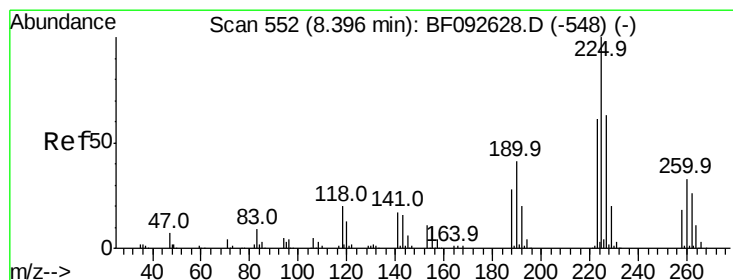
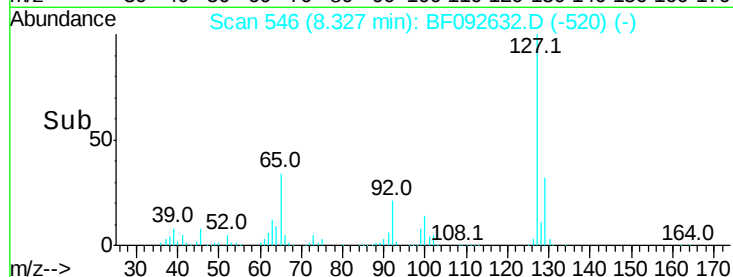
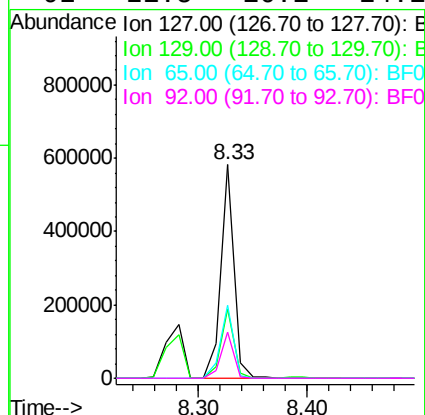
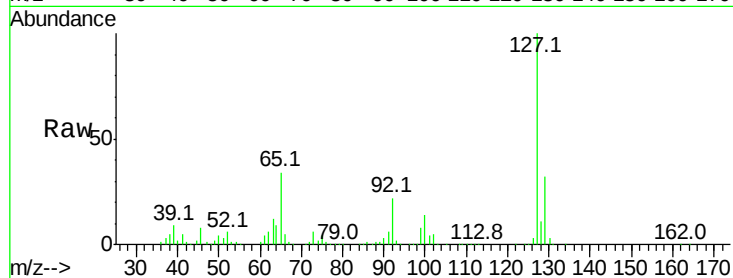




#33
4-Chloroaniline
Concen: 38.12 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

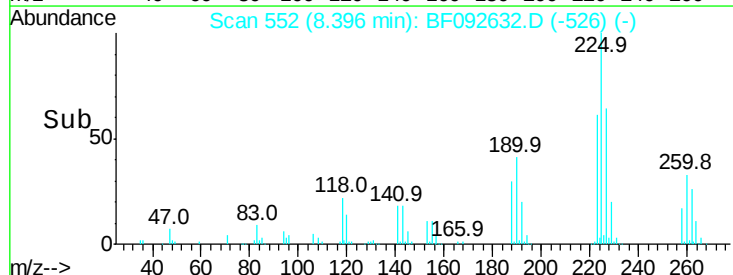
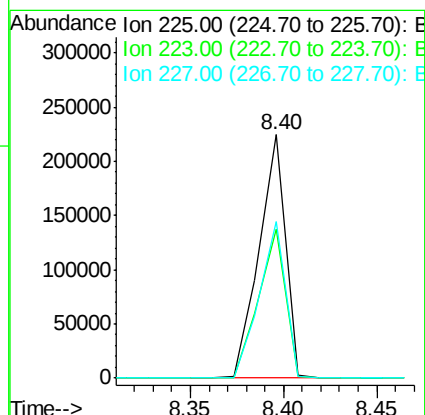
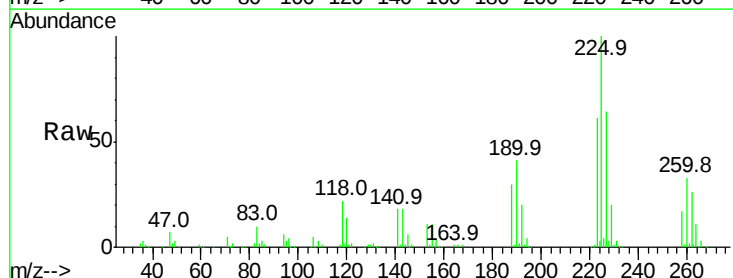
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

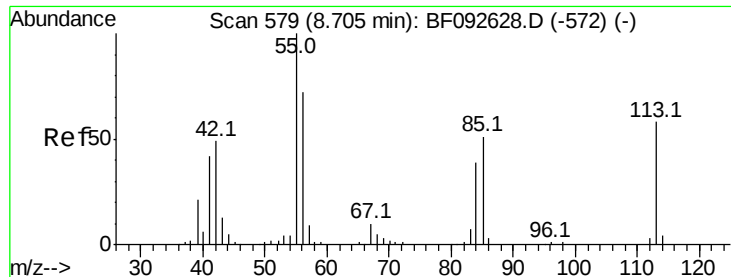
Tot Ion:	127	Resp:	503073
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	34.0	25.8	38.8
92	21.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.71 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:	225	Resp:	218742
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	64.1	50.6	76.0

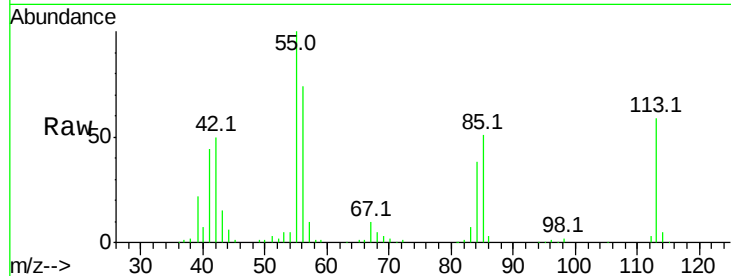




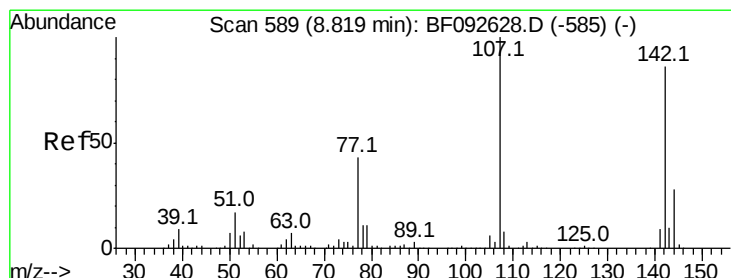
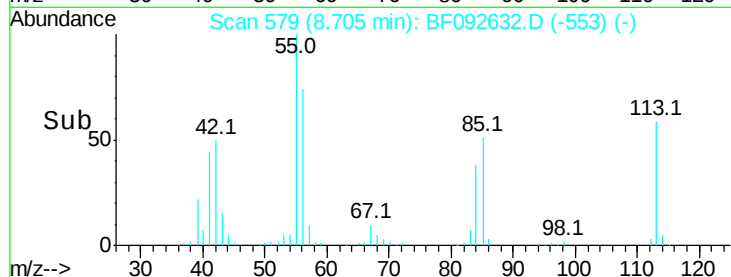
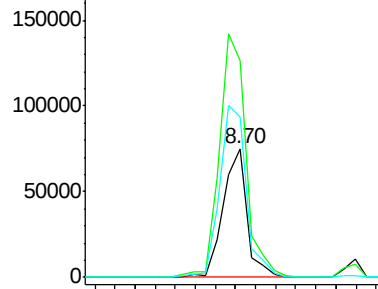
#35
 Caprolactam
 Concen: 41.24 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:113 Resp: 123620
 Ion Ratio Lower Upper
 113 100
 55 169.0 119.2 159.2#
 56 124.5 83.8 123.8#

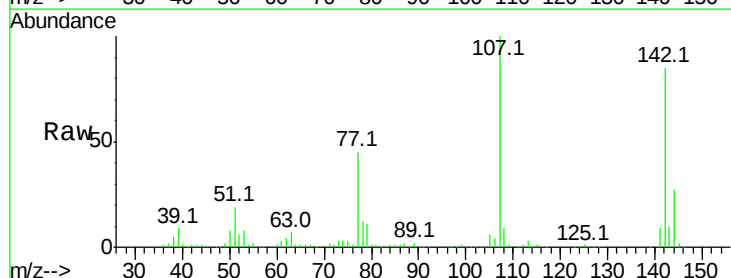


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

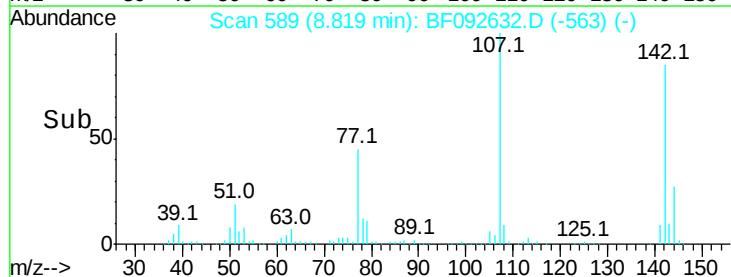
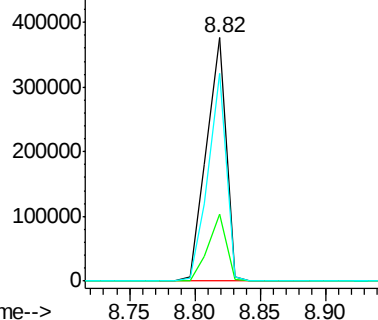


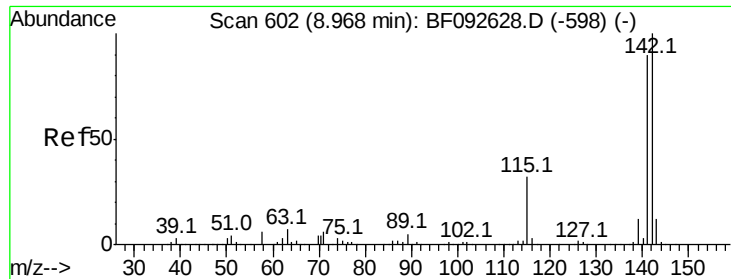
#36
 4-Chloro-3-methylphenol
 Concen: 39.66 ng
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:107 Resp: 394103
 Ion Ratio Lower Upper
 107 100
 144 27.3 19.3 28.9
 142 85.1 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

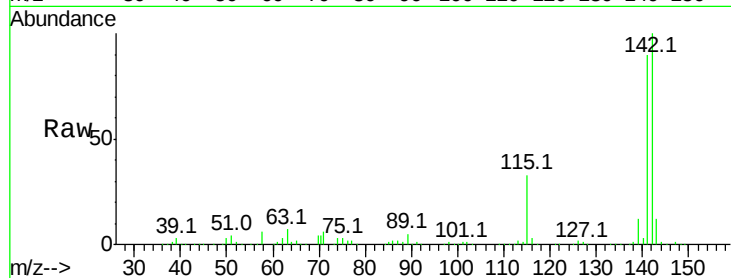




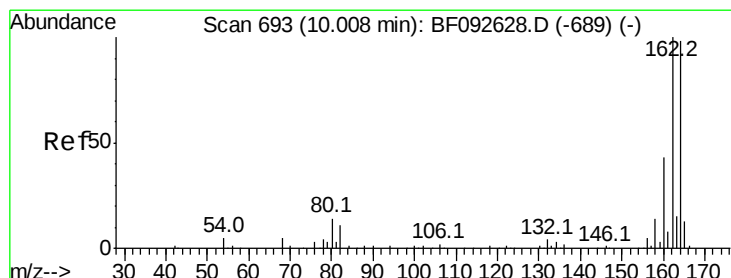
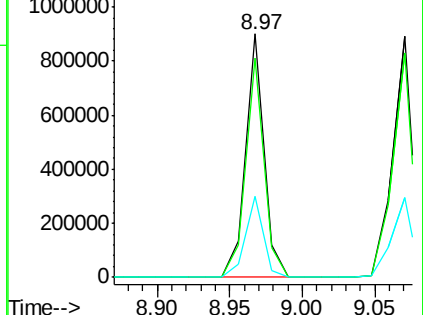
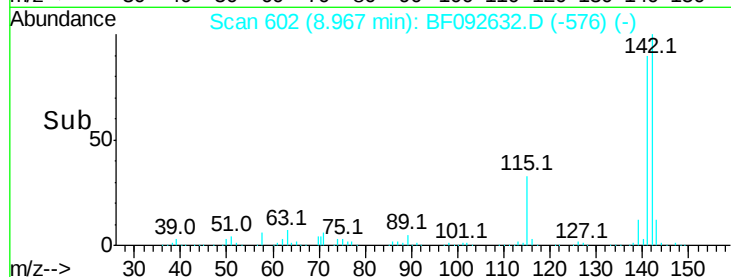
#37
 2-Methylnaphthalene
 Concen: 36.82 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:142 Resp: 795578
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 33.5 28.3 42.5

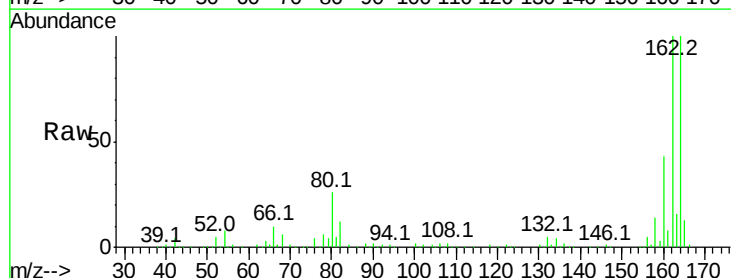


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

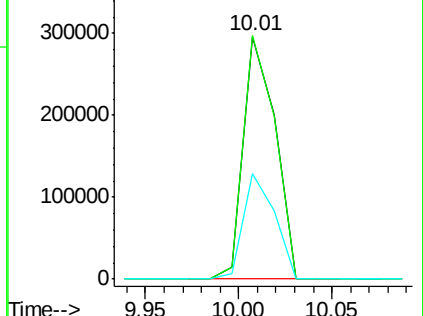
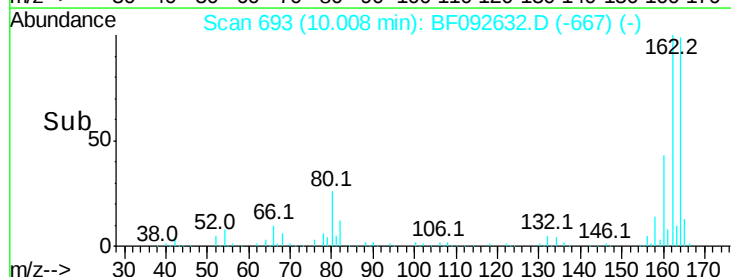


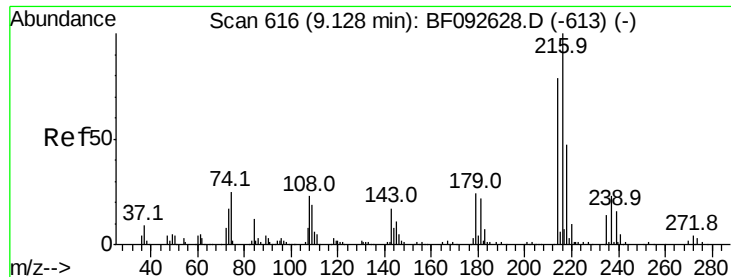
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:164 Resp: 351544
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.2 120.2
 160 43.2 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

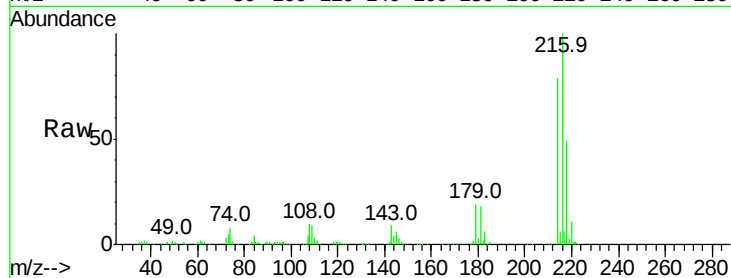




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.66 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:	216	Resp:	391355
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.1	17.4	26.2
108	17.6	15.6	23.4

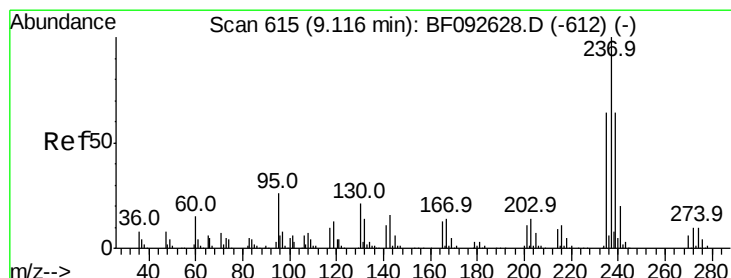
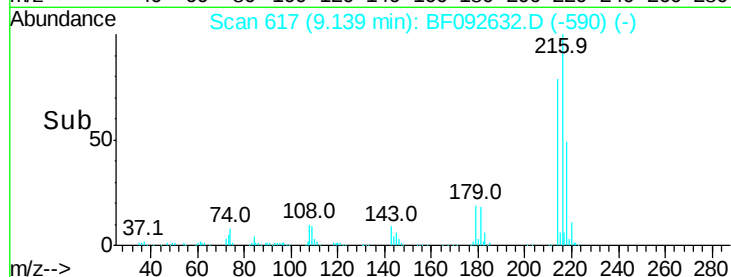
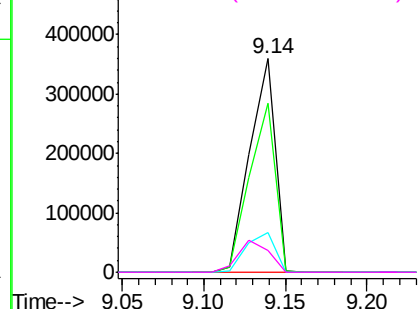


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

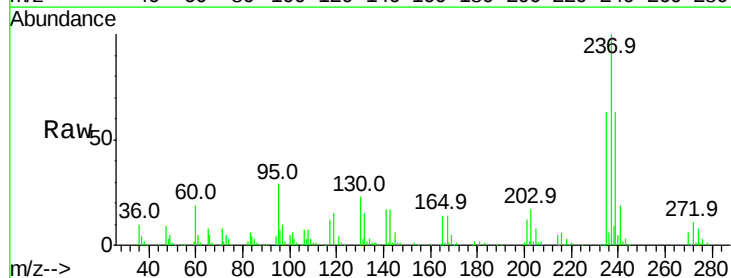
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 40.87 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

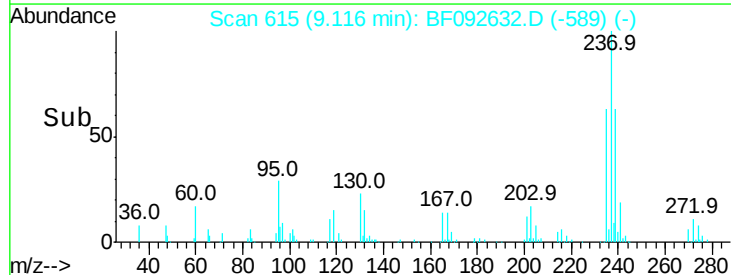
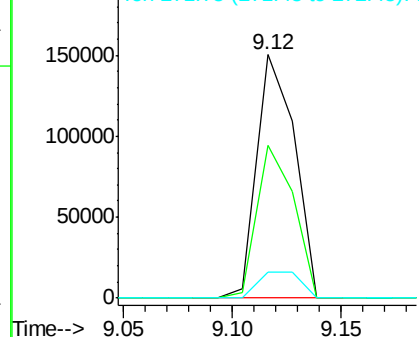
Tgt Ion:	237	Resp:	181946
Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.2	81.2
272	10.9	0.0	35.4

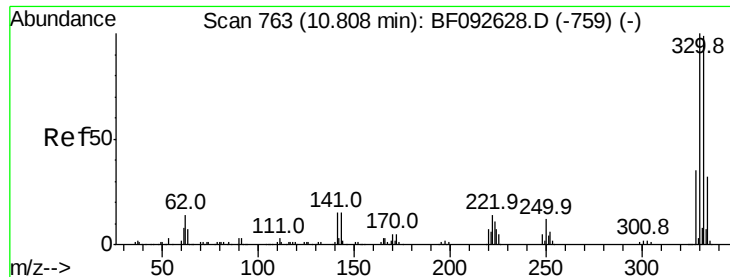


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

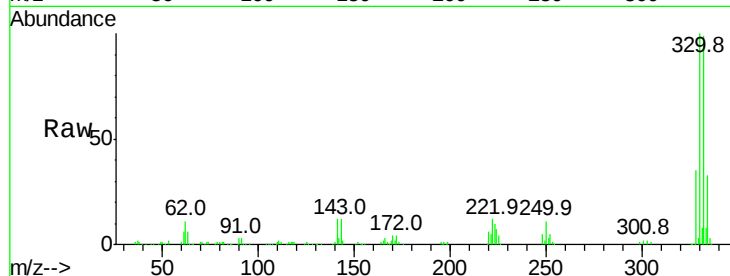




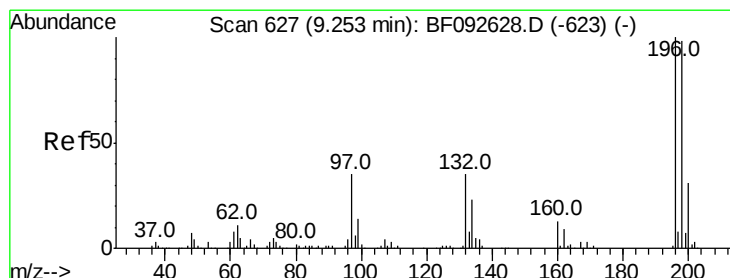
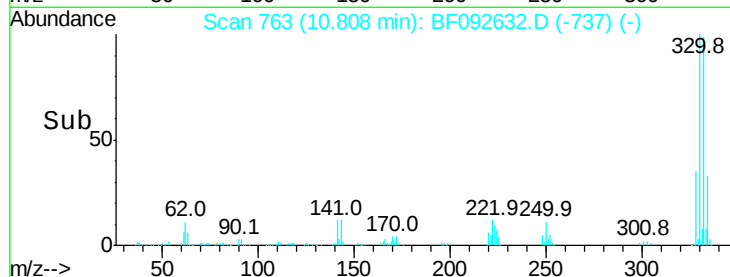
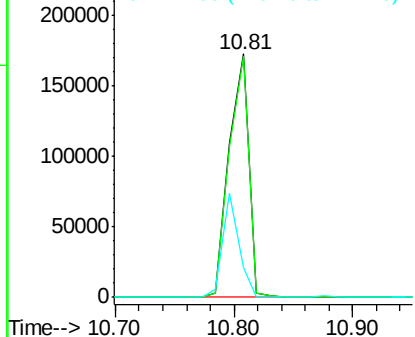
#41
 2,4,6-Tribromophenol
 Concen: 78.29 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	35.0	34.1	51.1

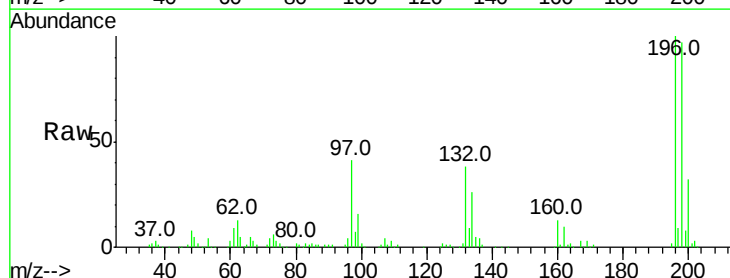


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

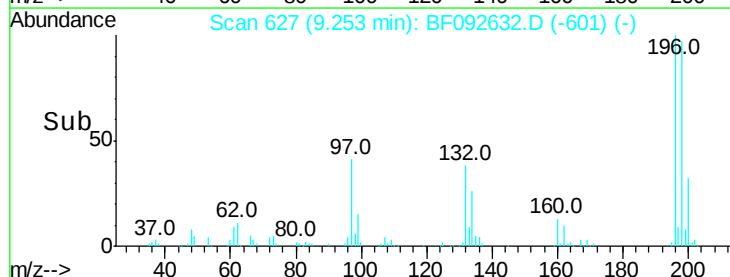
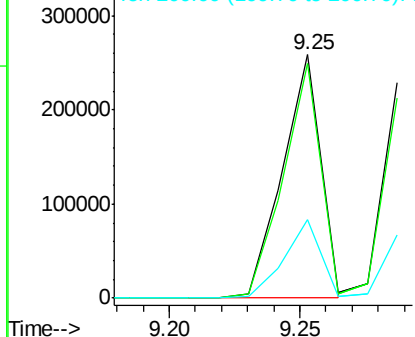


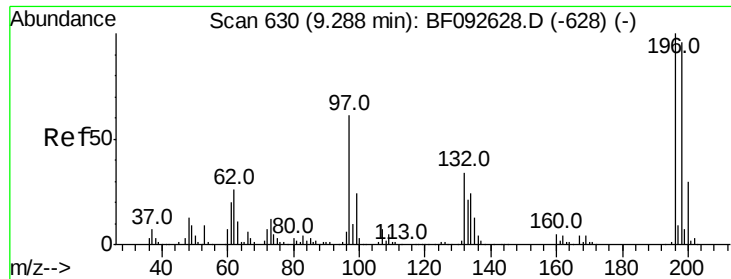
#42
 2,4,6-Trichlorophenol
 Concen: 40.50 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	82.1	123.1
200	32.2	27.0	40.4



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

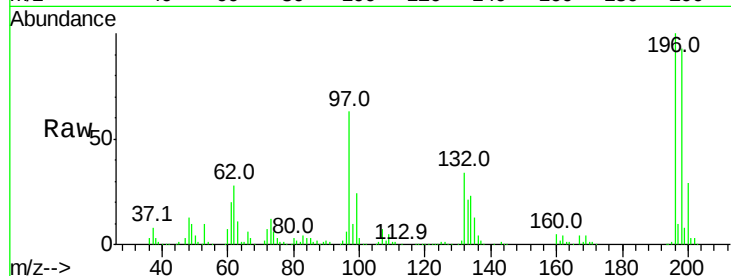




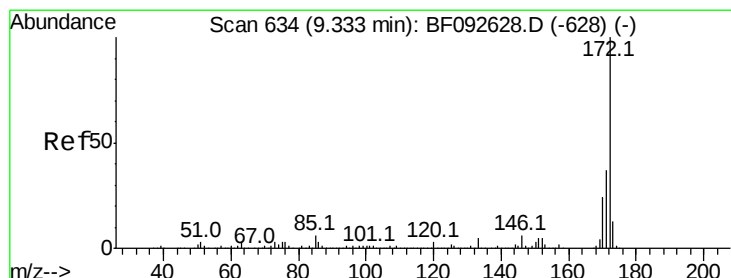
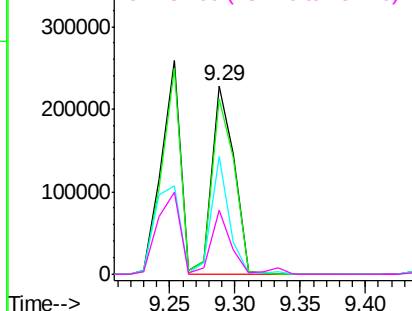
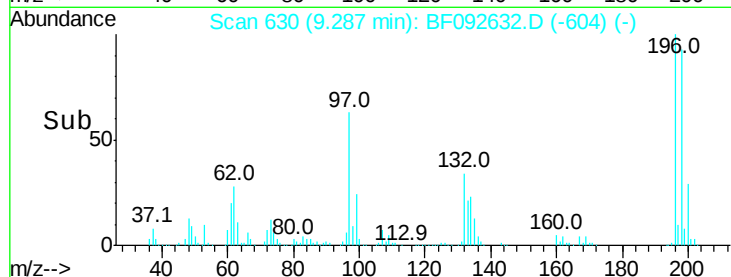
#43
 2,4,5-Trichlorophenol
 Concen: 38.21 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:196 Resp: 271491
 Ion Ratio Lower Upper
 196 100
 198 92.8 79.4 119.2
 97 62.6 51.5 77.3
 132 34.1 27.4 41.2

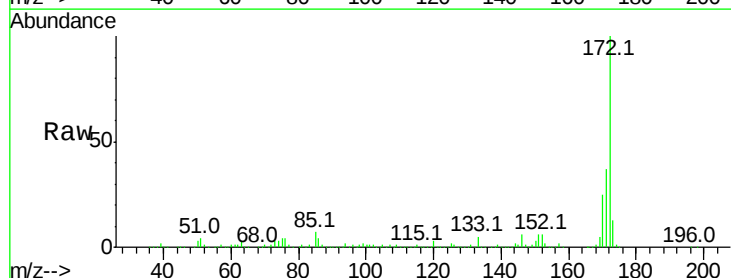


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

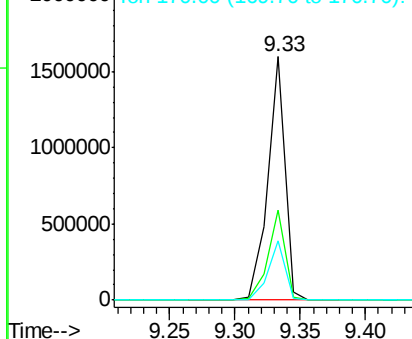
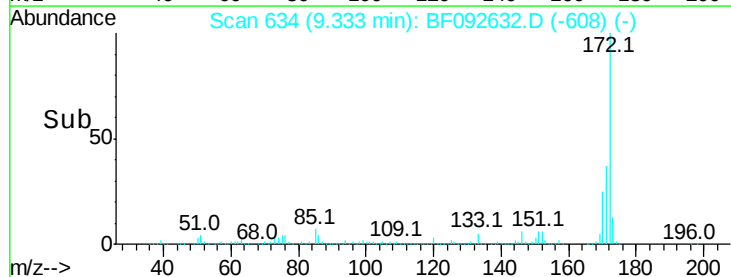


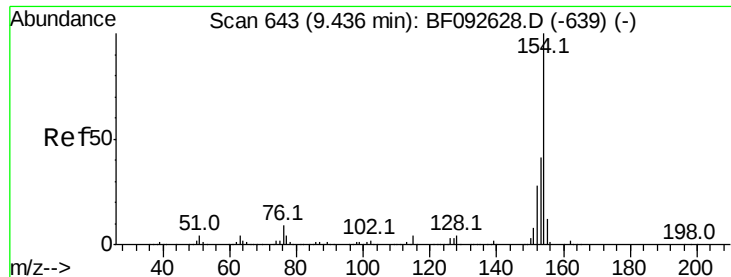
#44
 2-Fluorobiphenyl
 Concen: 76.53 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:172 Resp: 1485094
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 20.2 30.4



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: 41.57 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

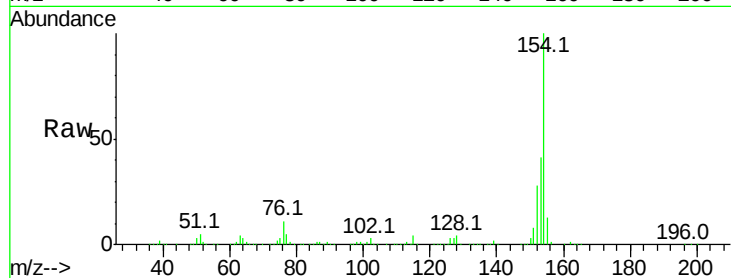
BNA_F

ClientSampleId :

ICVBF013017

Tot Ion:154 Resp: 1058290

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	10.7	0.0	30.5

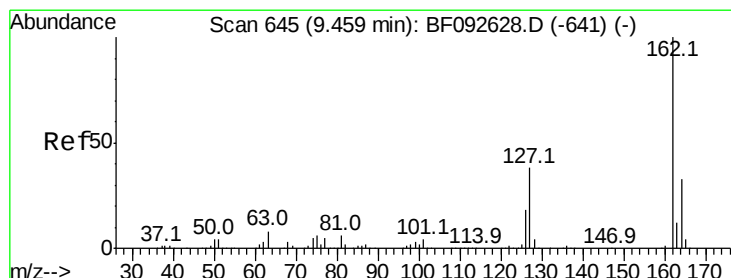
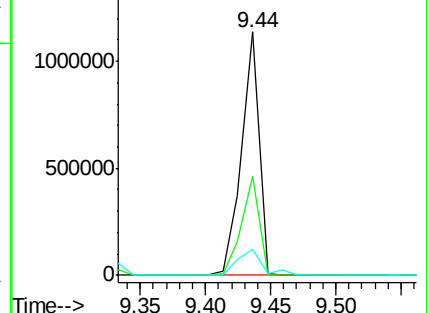
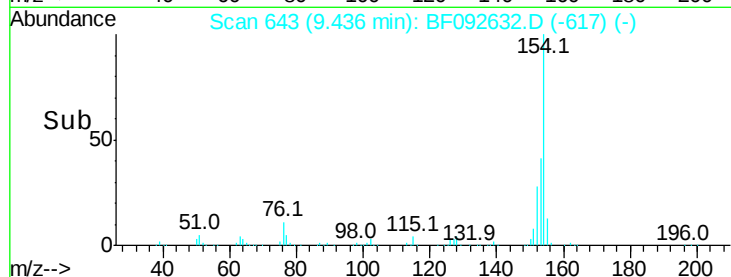


Abundance

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: 39.53 ng

RT: 9.46 min Scan# 645

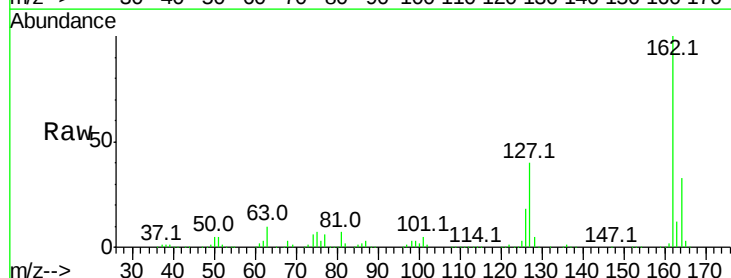
Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:162 Resp: 787169

Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	33.2	27.6	41.4

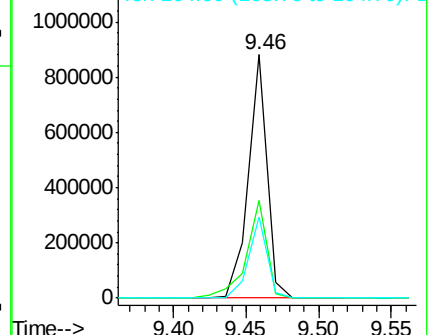
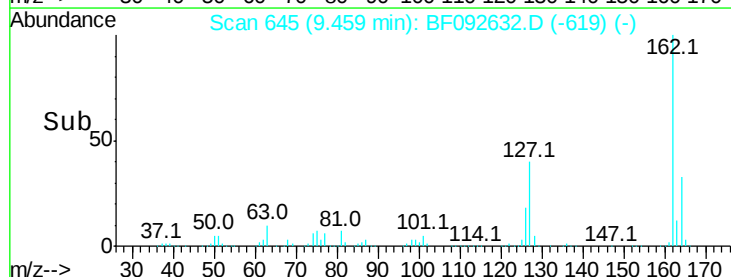


Abundance

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

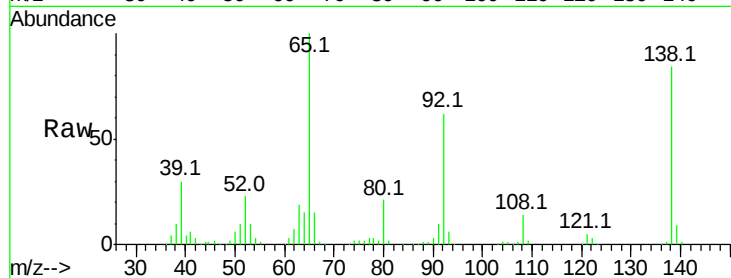




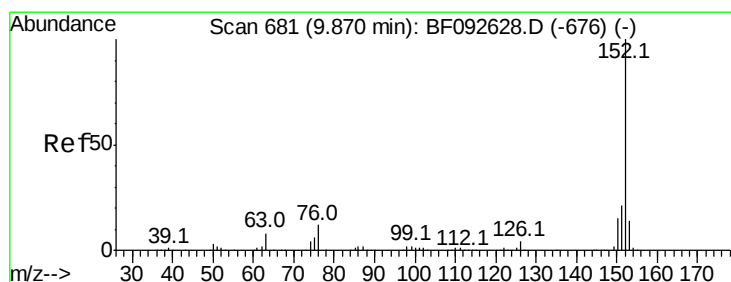
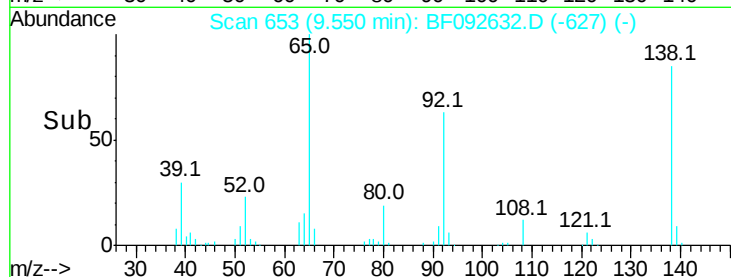
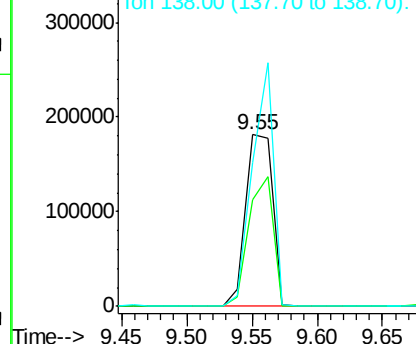
#47
2-Nitroaniline
Concen: 38.87 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion: 65 Resp: 260223
Ion Ratio Lower Upper
65 100
92 62.0 53.9 80.9
138 84.0 76.8 115.2

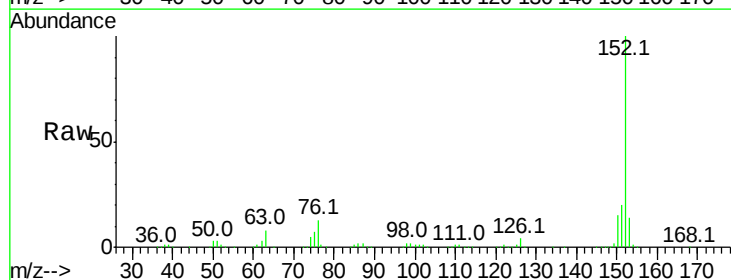


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

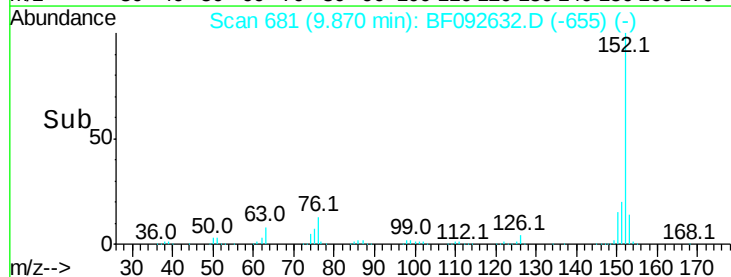
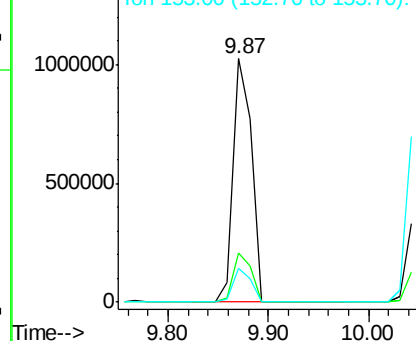


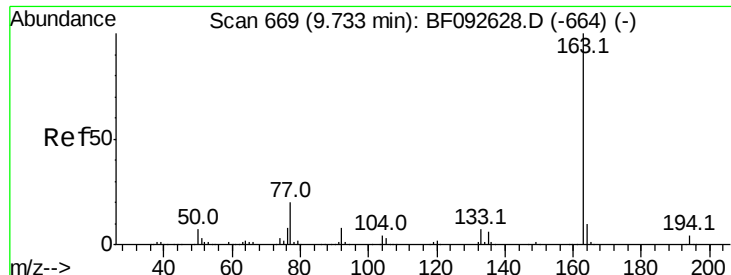
#48
Acenaphthylene
Concen: 37.70 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:152 Resp: 1296790
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.7 11.4 17.2



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

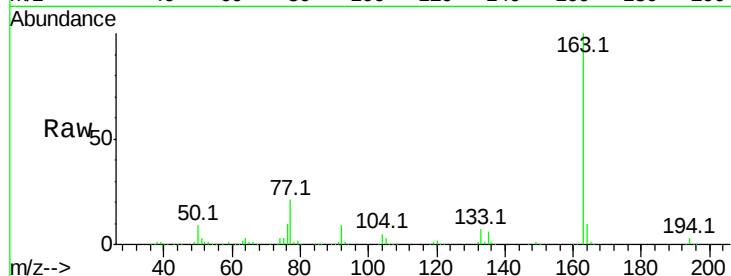




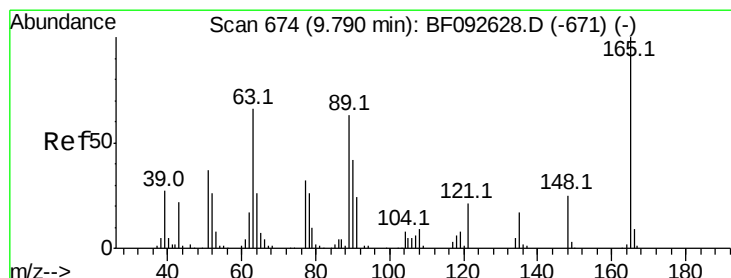
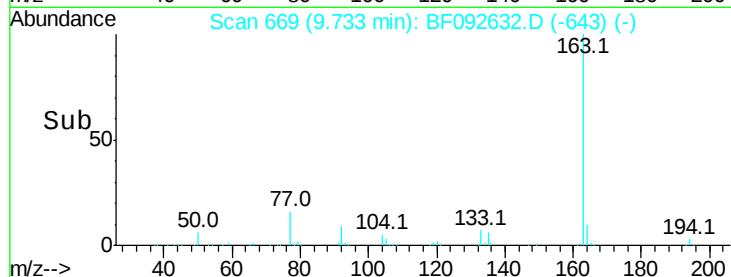
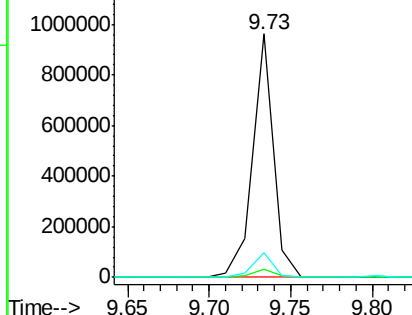
#49
Dimethylphthalate
Concen: 36.09 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion:163 Resp: 854565
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.4 8.0 12.0

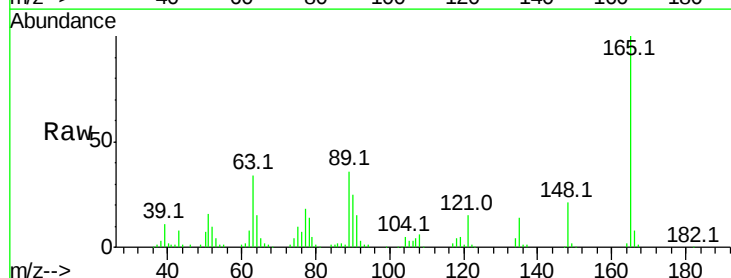


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

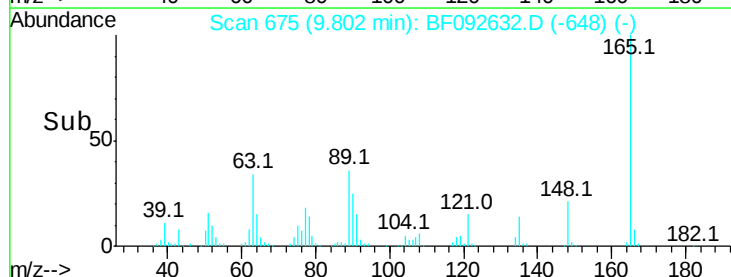
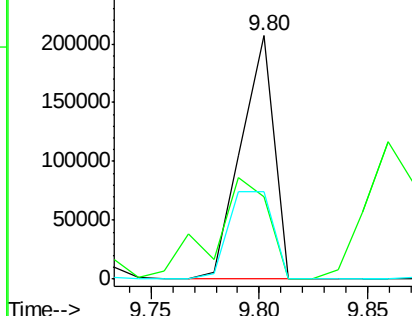


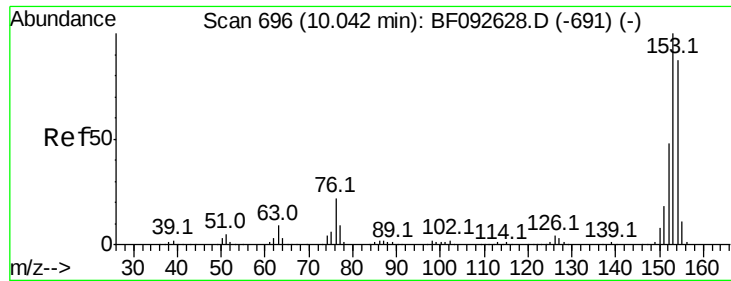
#50
2,6-Dinitrotoluene
Concen: 42.67 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:165 Resp: 218209
Ion Ratio Lower Upper
165 100
63 33.8 36.2 54.4#
89 36.0 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: 37.41 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

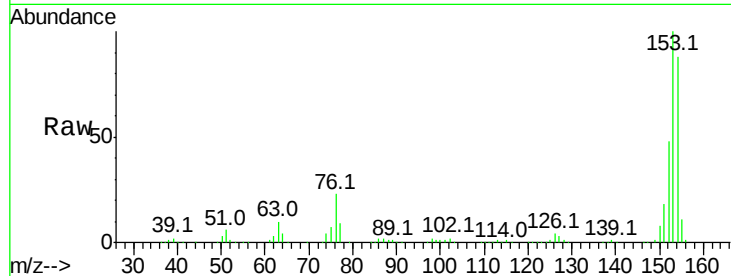
Tot Ion:154 Resp: 769446

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

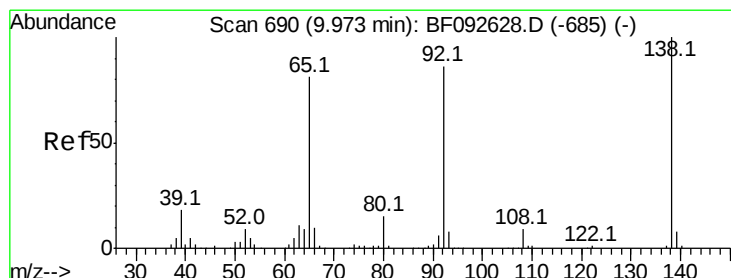
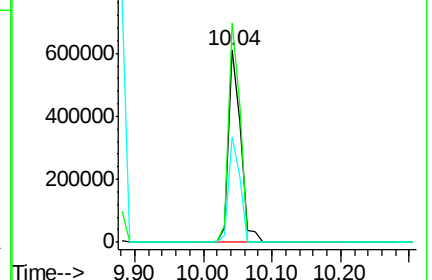
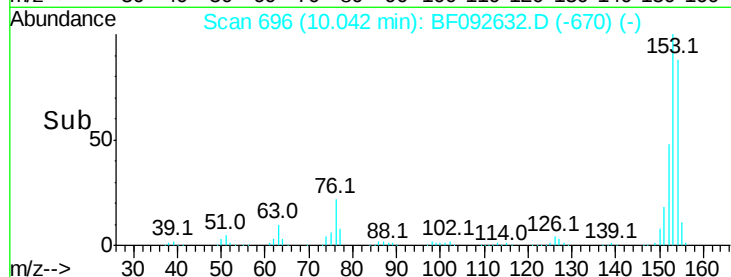
152 54.5 41.6 62.4



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: 42.97 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

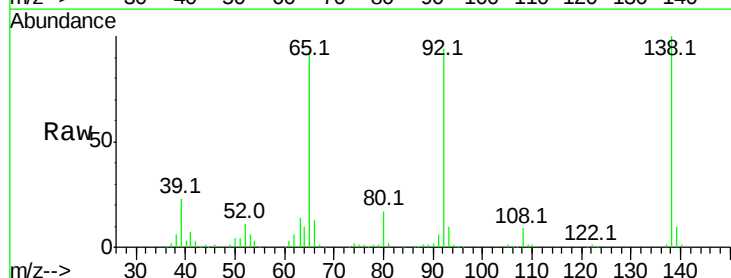
Tgt Ion:138 Resp: 251468

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

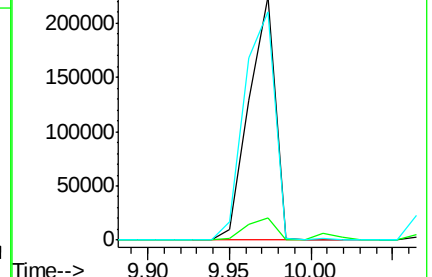
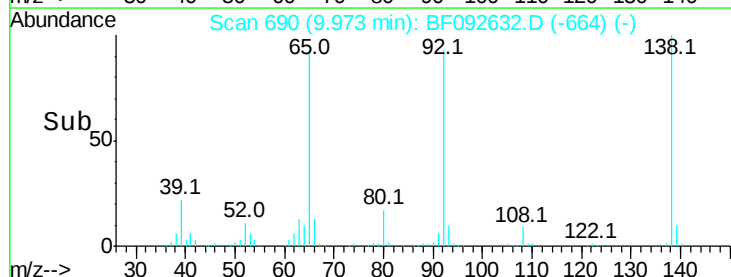
92 94.0 97.8 146.8#

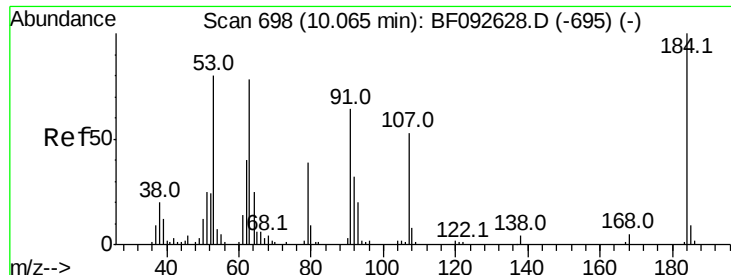


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

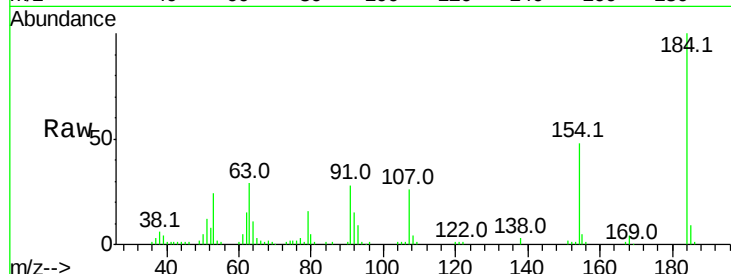




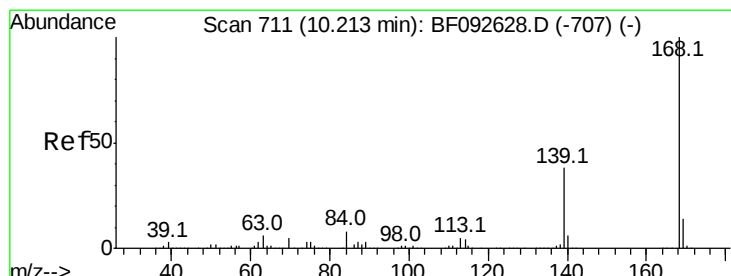
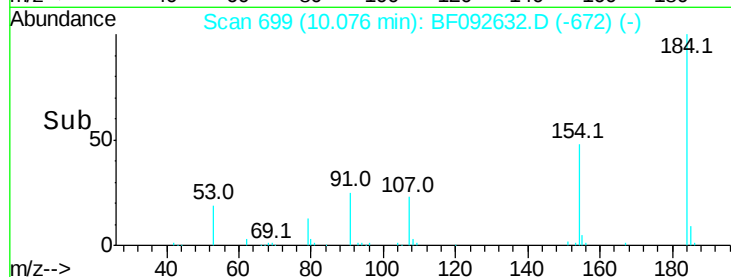
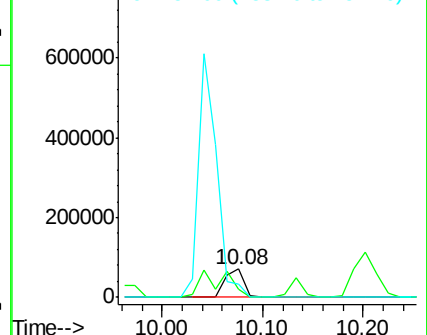
#53
 2,4-Dinitrophenol
 Concen: 38.70 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:184 Resp: 93928
 Ion Ratio Lower Upper
 184 100
 63 28.8 28.4 42.6
 154 48.5 44.3 66.5

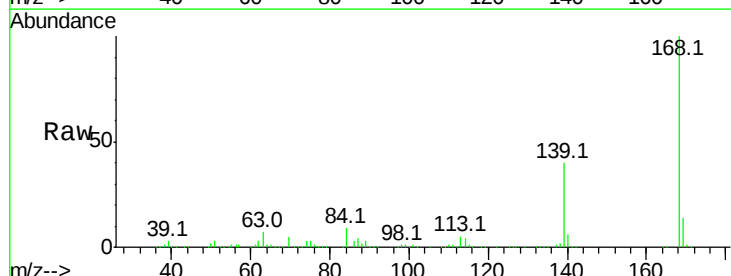


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

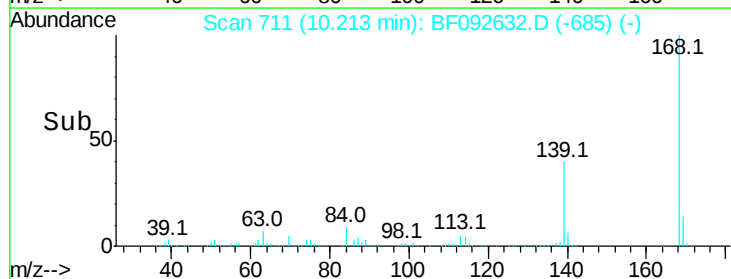
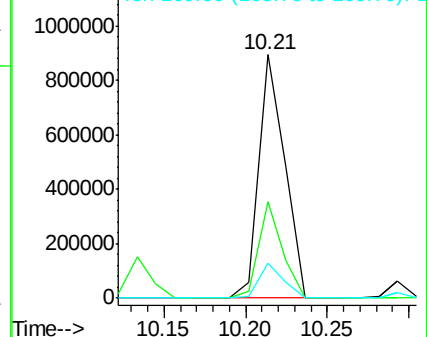


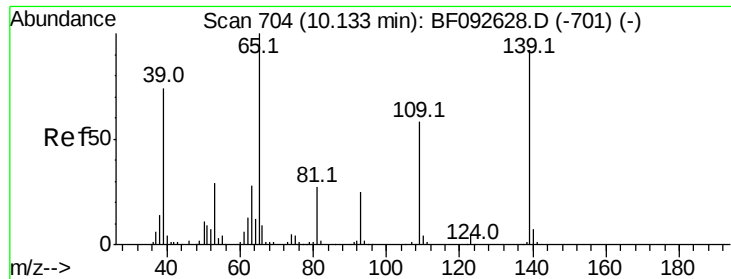
#54
 Dibenzofuran
 Concen: 35.86 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:168 Resp: 986584
 Ion Ratio Lower Upper
 168 100
 139 39.8 32.6 49.0
 169 14.2 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

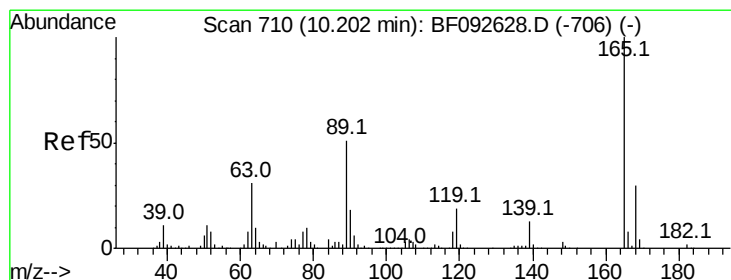
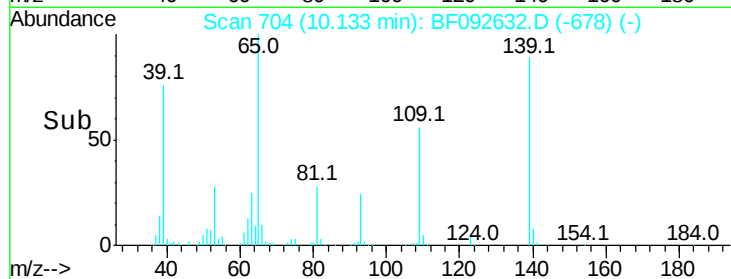
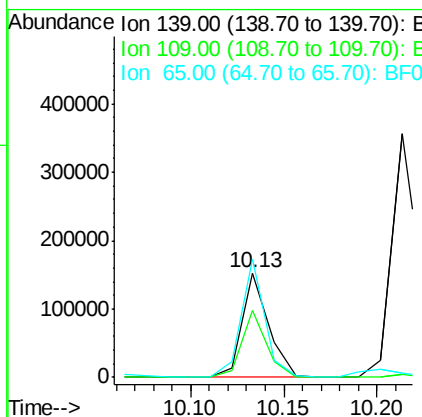
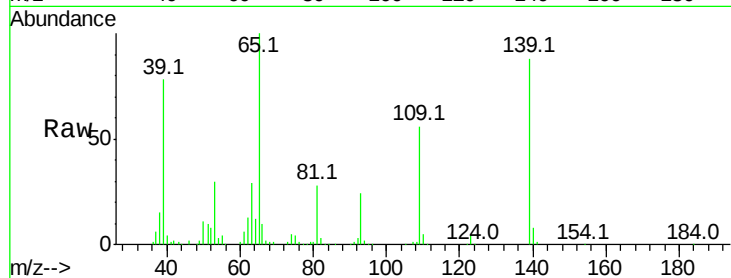




#55
4-Nitrophenol
Concen: 36.13 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

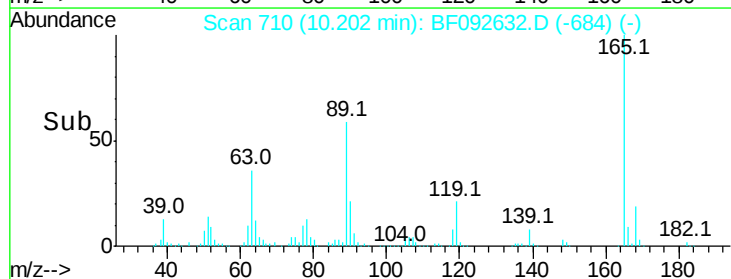
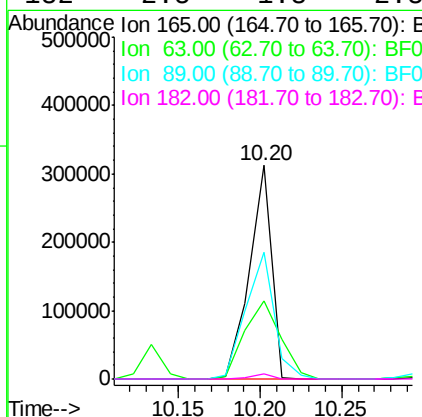
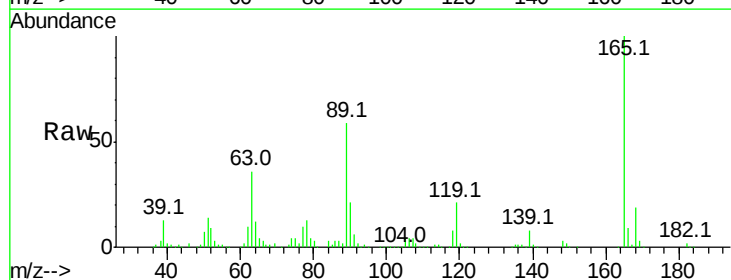
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

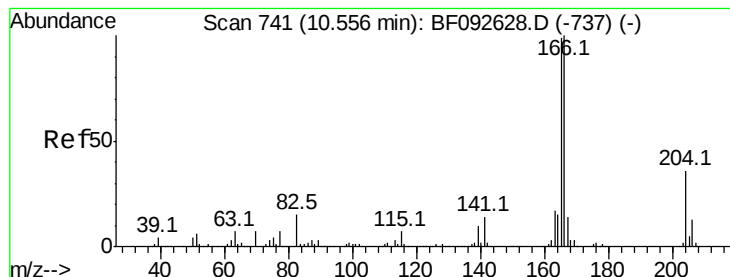
Tot Ion:139 Resp: 152303
Ion Ratio Lower Upper
139 100
109 63.5 52.2 92.2
65 113.2 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 43.35 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:165 Resp: 295100
Ion Ratio Lower Upper
165 100
63 36.5 40.2 60.4#
89 59.2 62.5 93.7#
182 2.5 1.8 2.8





#57

Fluorene

Concen: 36.51 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

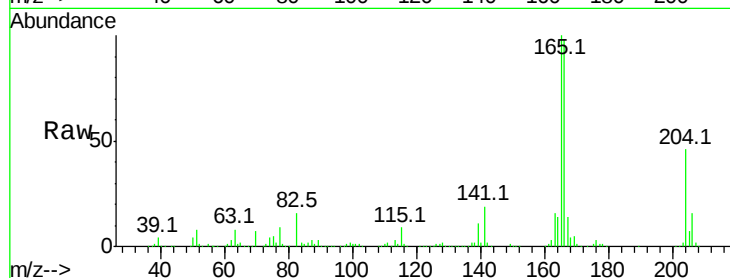
Tot Ion:166 Resp: 772683

Ion Ratio Lower Upper

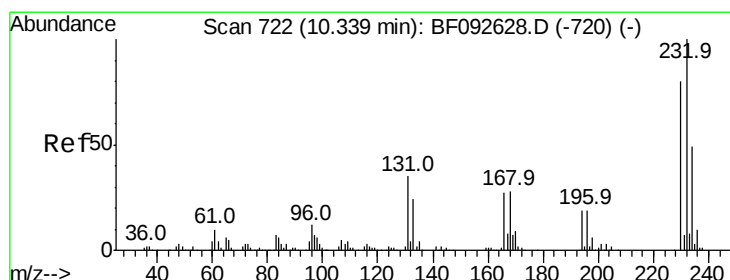
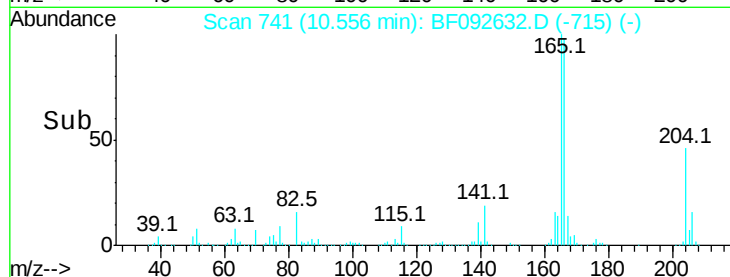
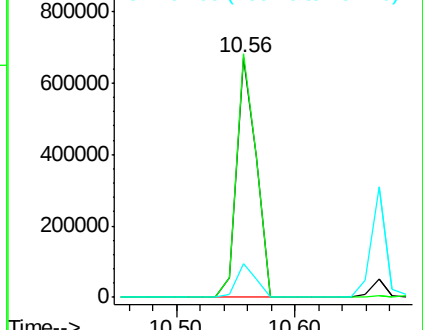
166 100

165 101.6 77.8 116.8

167 14.1 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: 42.97 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:232 Resp: 203668

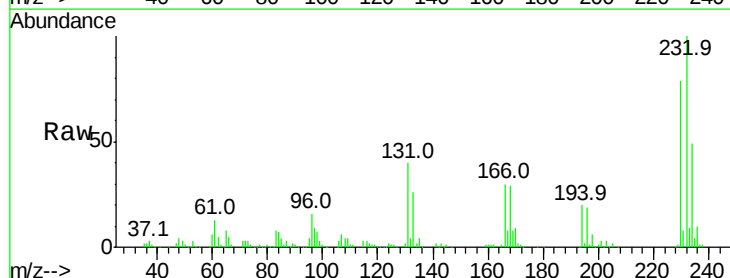
Ion Ratio Lower Upper

232 100

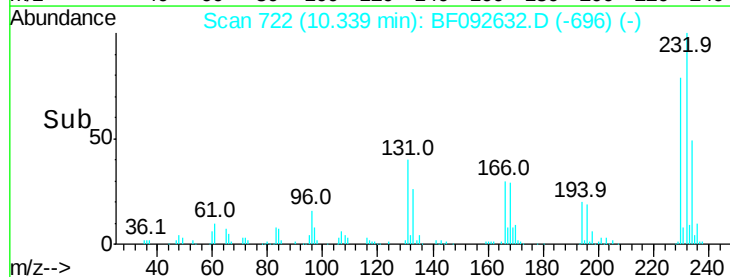
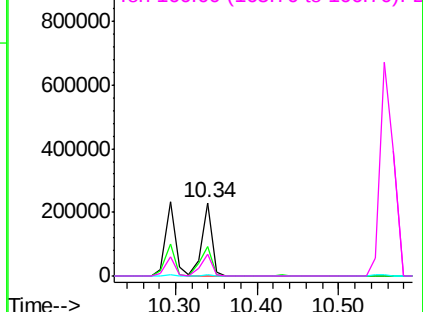
131 46.7 40.1 60.1

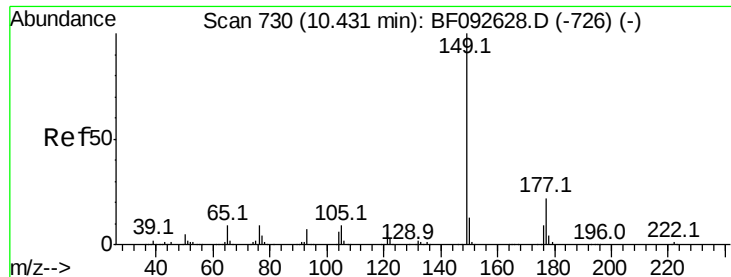
130 2.2 1.8 2.8

166 31.7 26.6 39.8



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

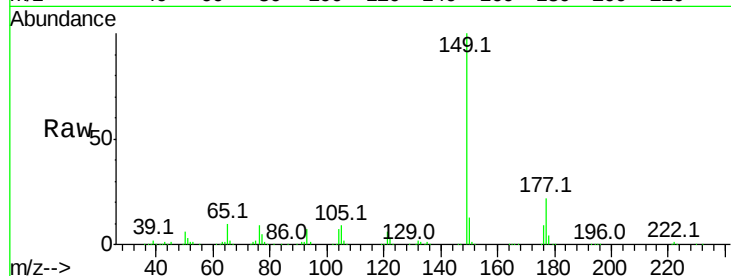




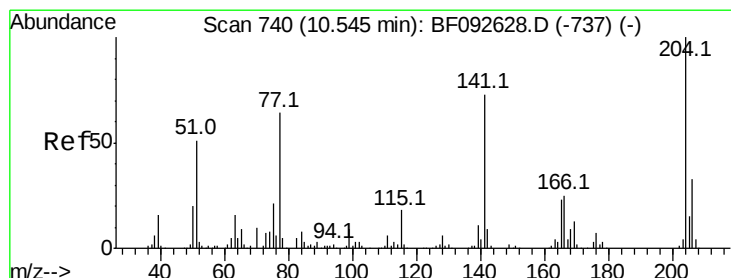
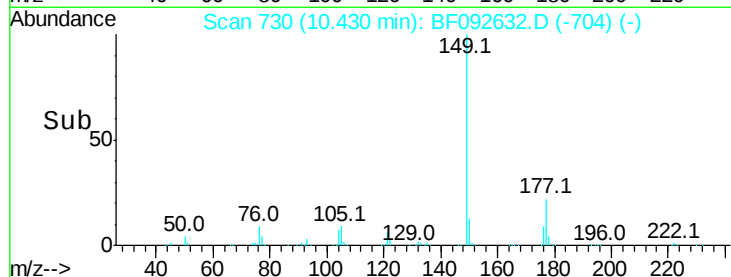
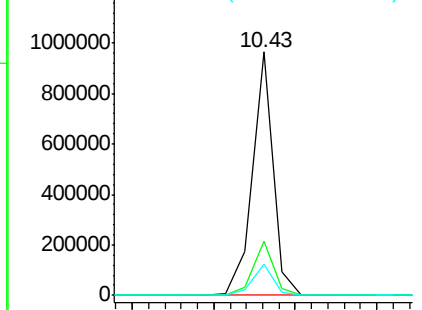
#59
Diethylphthalate
Concen: 38.03 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion:149 Resp: 848550
Ion Ratio Lower Upper
149 100
177 22.3 16.6 25.0
150 12.8 10.4 15.6

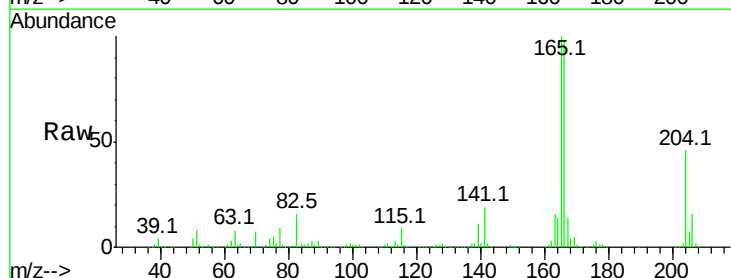


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

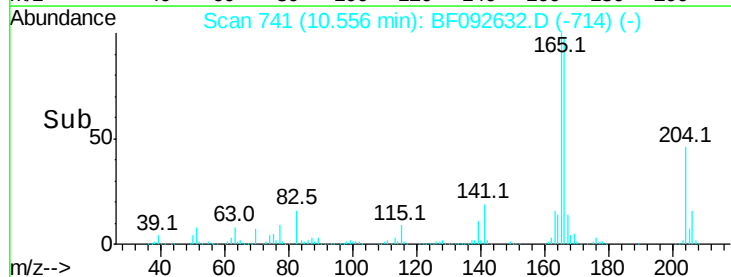
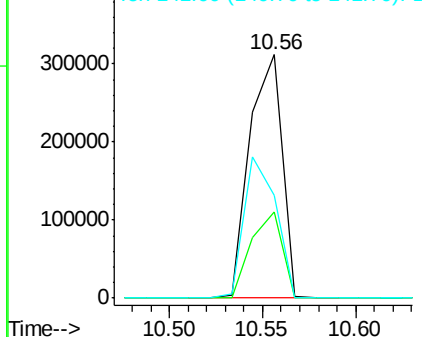


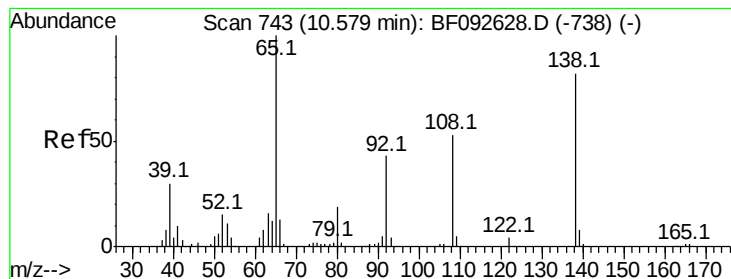
#60
4-Chlorophenyl-phenylether
Concen: 37.49 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:204 Resp: 381197
Ion Ratio Lower Upper
204 100
206 35.2 25.8 38.6
141 42.4 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: 36.31 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

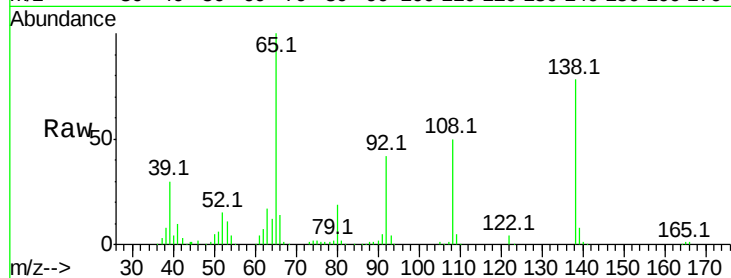
Tot Ion:138 Resp: 217619

Ion Ratio Lower Upper

138 100

92 53.8 31.7 71.7

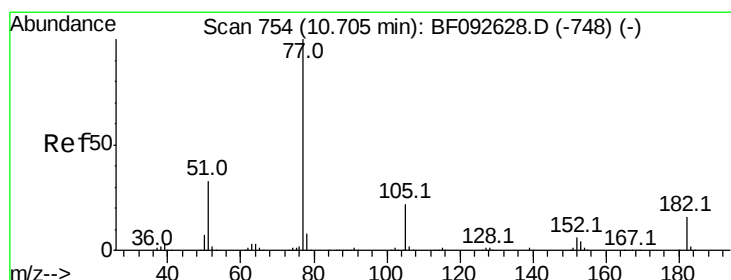
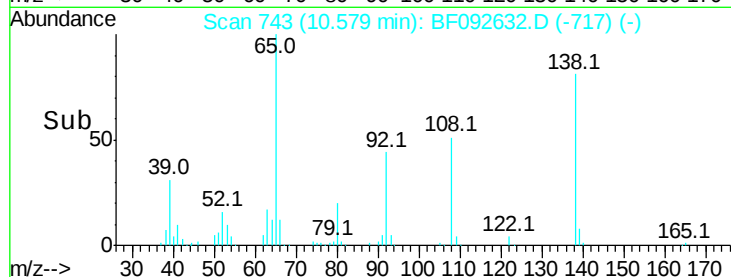
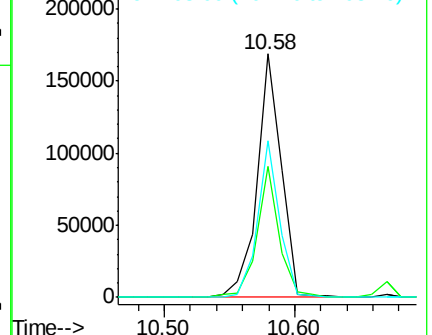
108 64.5 52.6 92.6



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: 38.43 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion: 77 Resp: 886038

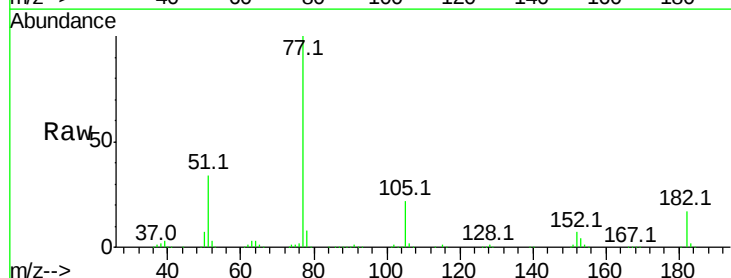
Ion Ratio Lower Upper

77 100

182 16.5 0.0 39.3

105 21.6 2.3 42.3

51 34.3 8.9 48.9

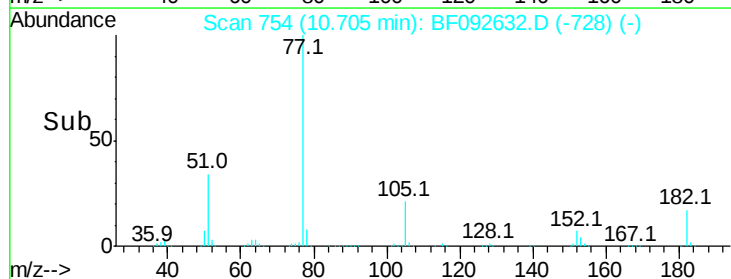
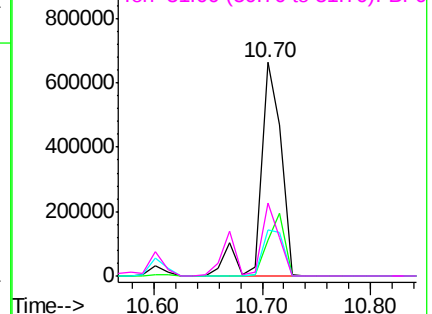


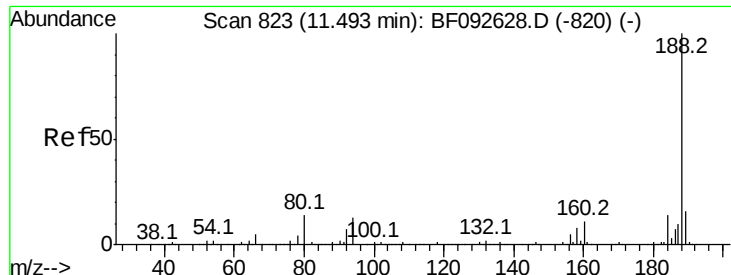
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

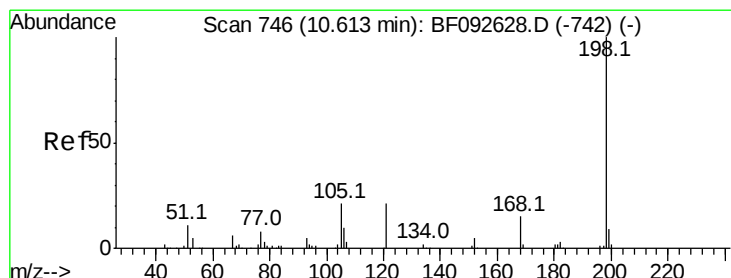
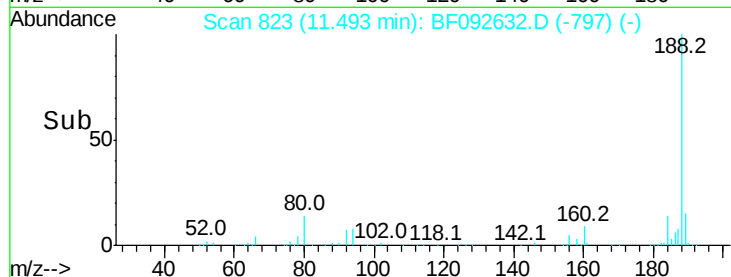
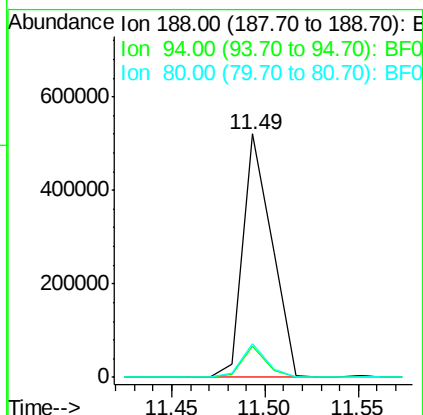
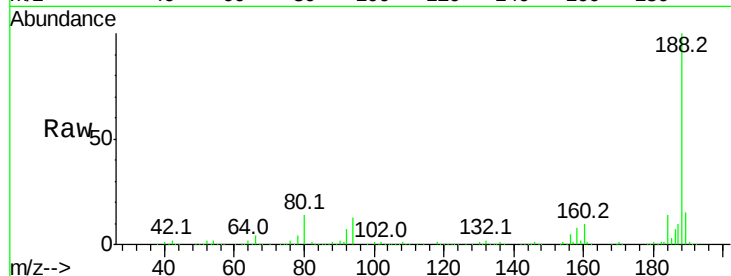




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

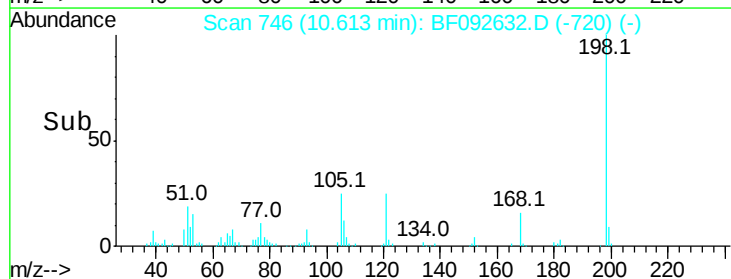
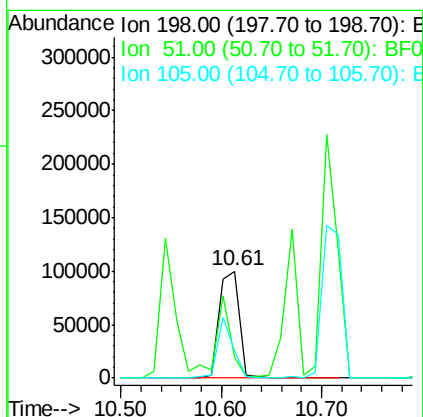
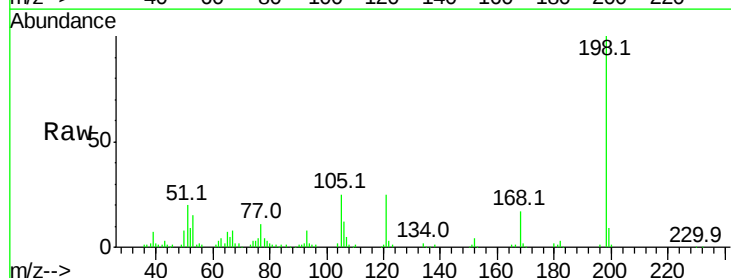
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

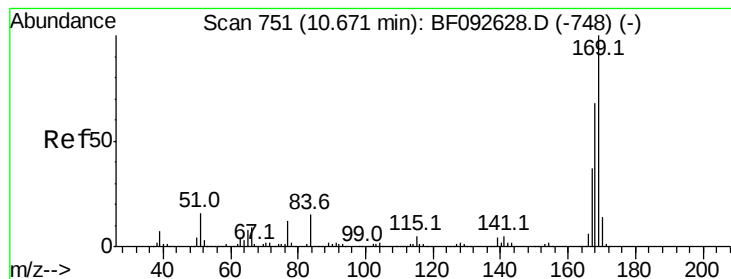
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.0	15.0
80	14.0	11.2	16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.64 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
198	100		
51	19.6	6.7	46.7
105	25.5	16.6	56.6

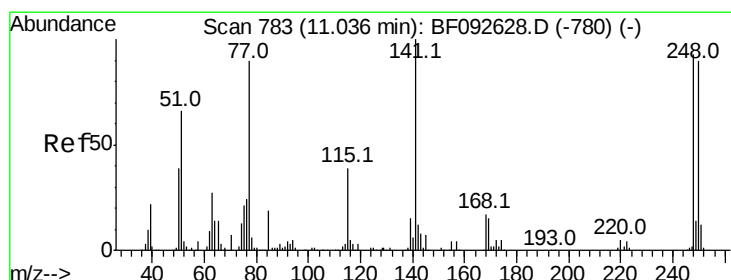
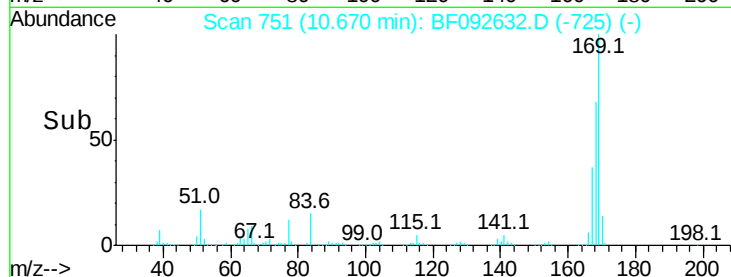
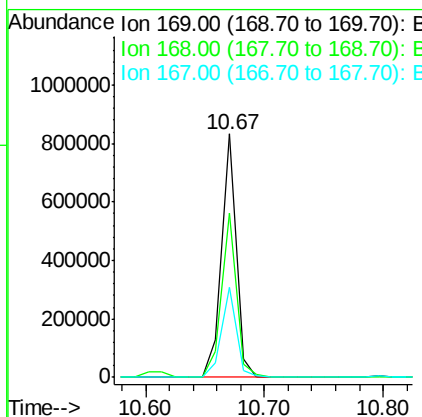
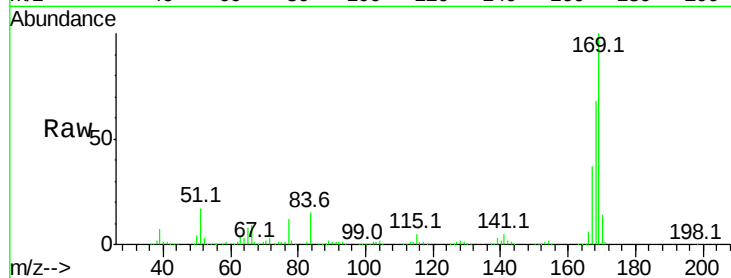




#65
n-Nitrosodiphenylamine
Concen: 39.25 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

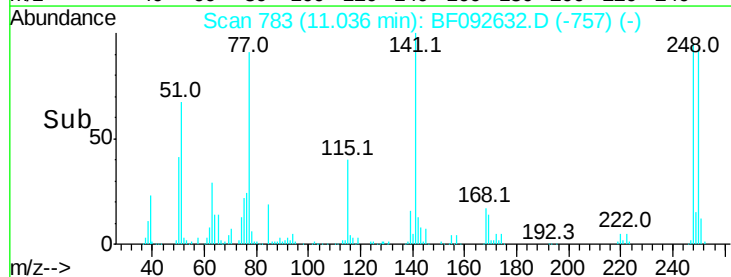
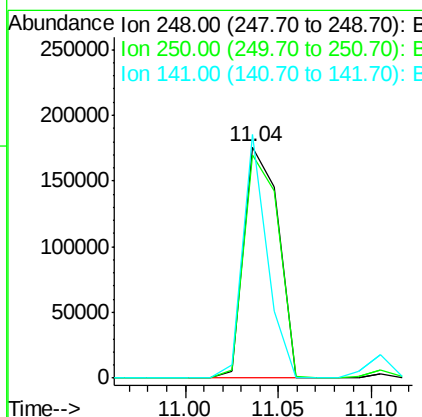
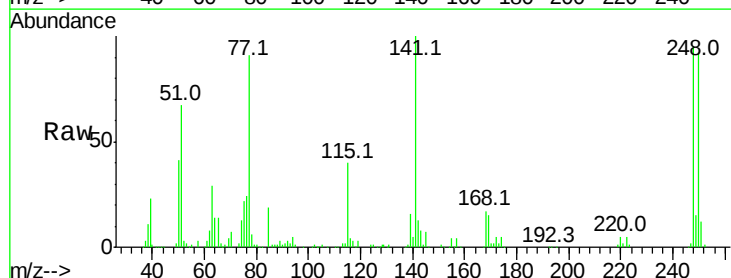
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

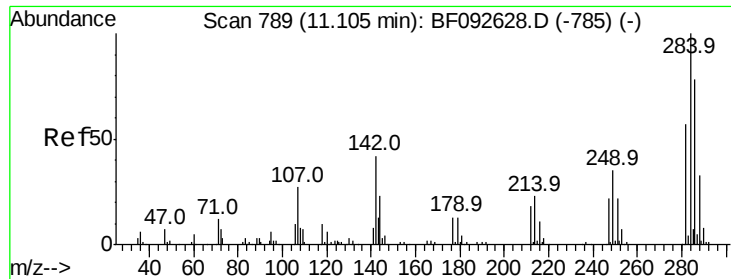
Tot Ion:169 Resp: 706469
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.1 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 38.27 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:248 Resp: 225316
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 105.2 68.2 102.4#

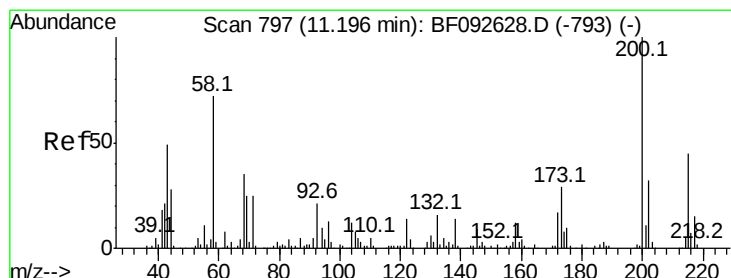
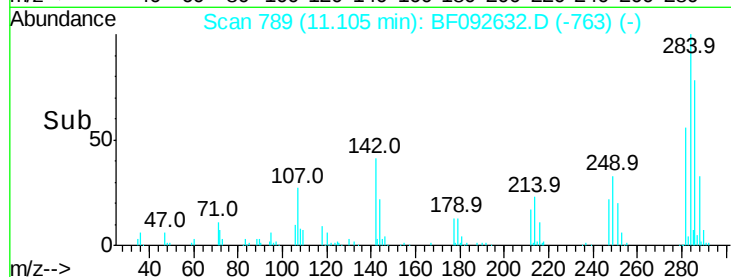
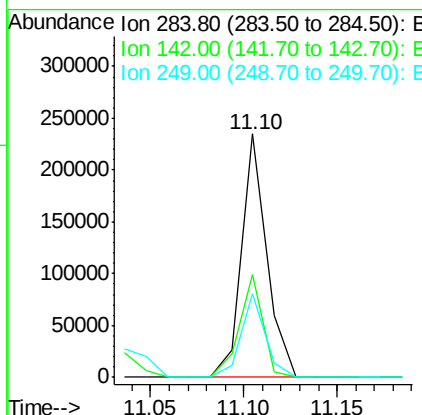
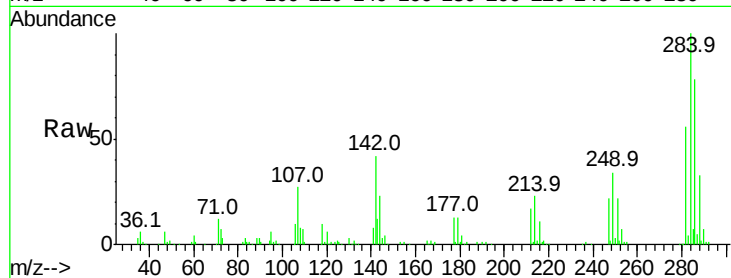




#67
Hexachlorobenzene
Concen: 37.83 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

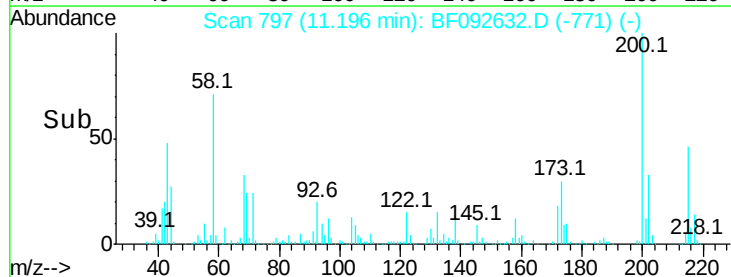
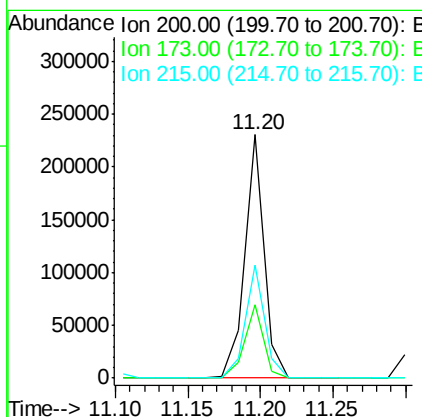
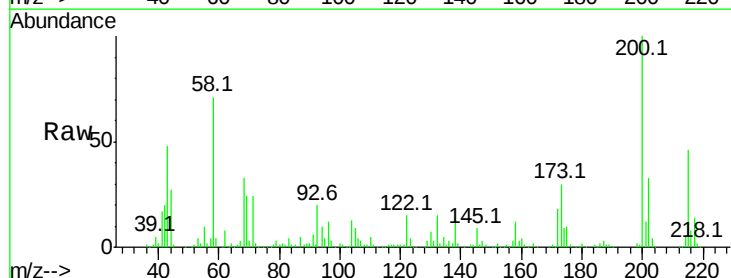
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

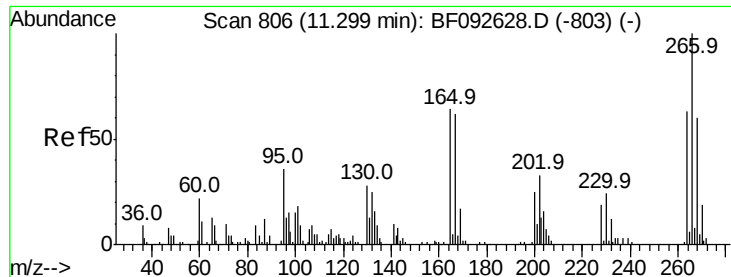
Tot Ion:284 Resp: 220101
Ion Ratio Lower Upper
284 100
142 42.4 22.6 33.8#
249 34.3 25.4 38.0



#68
Atrazine
Concen: 36.80 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:200 Resp: 212571
Ion Ratio Lower Upper
200 100
173 30.1 9.6 49.6
215 46.3 25.7 65.7

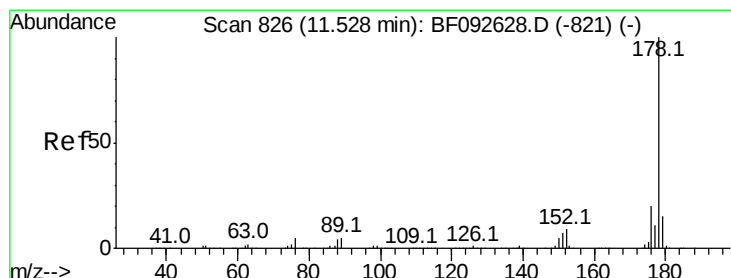
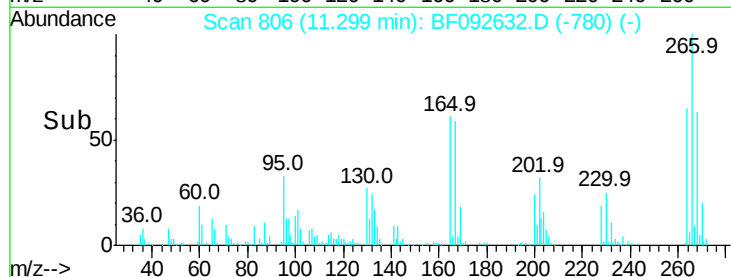
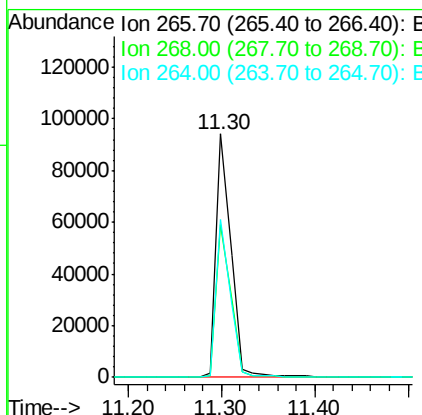
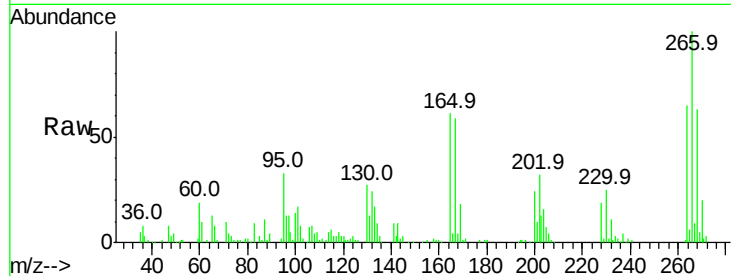




#69
 Pentachlorophenol
 Concen: 38.64 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

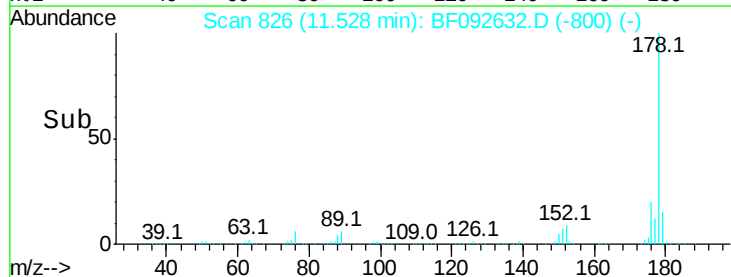
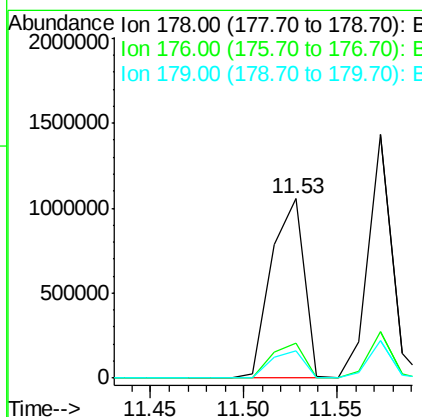
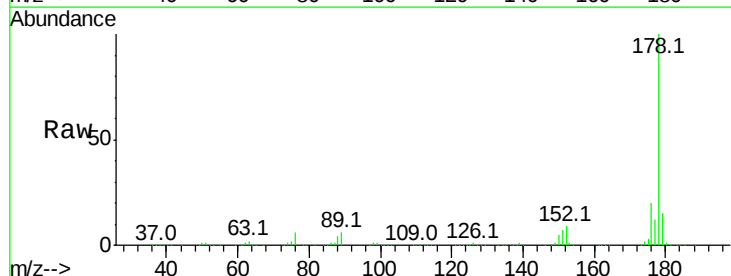
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

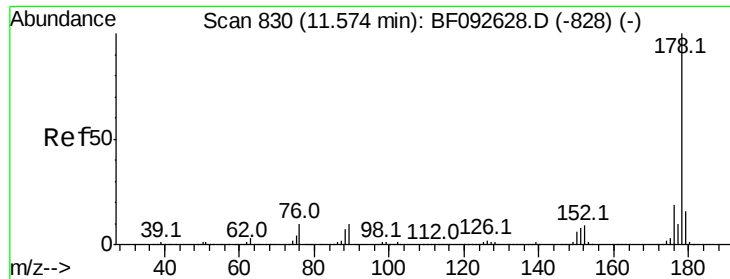
Tot Ion:266 Resp: 103757
 Ion Ratio Lower Upper
 266 100
 268 62.9 53.3 79.9
 264 65.0 50.3 75.5



#70
 Phenanthrene
 Concen: 39.82 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:178 Resp: 1285642
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.6 25.0
 179 15.1 12.8 19.2

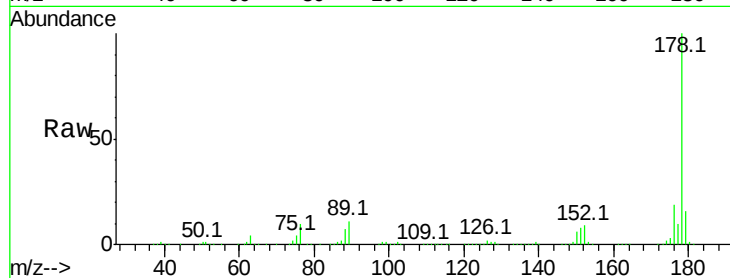




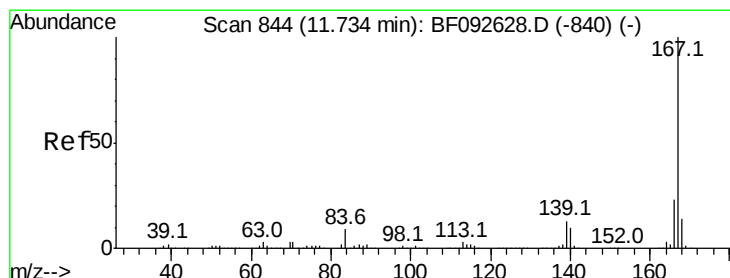
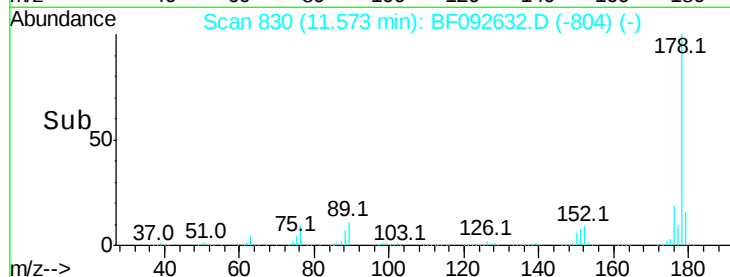
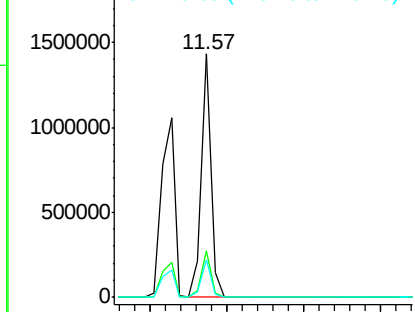
#71
 Anthracene
 Concen: 38.16 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion:178 Resp: 1237179
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.6 13.2 19.8

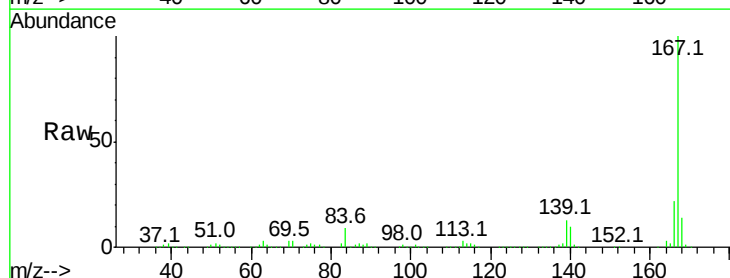


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

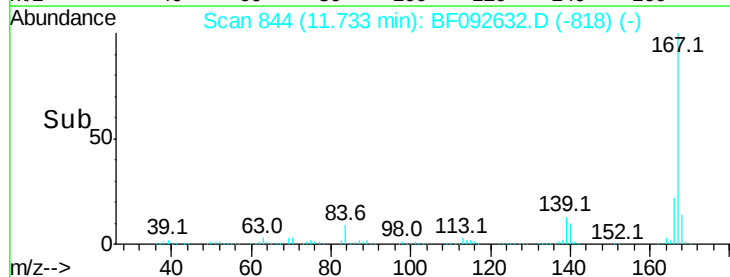
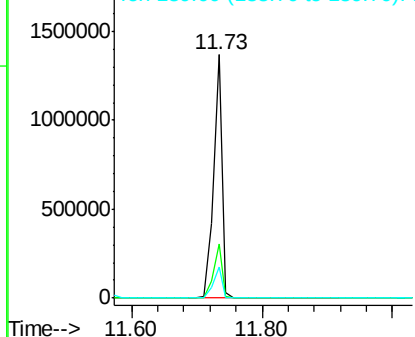


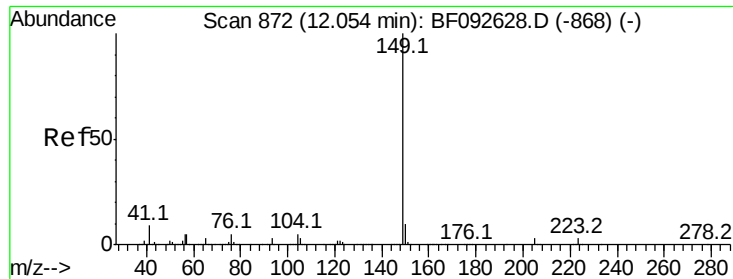
#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.73 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion:167 Resp: 1266779
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.0 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: 38.28 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

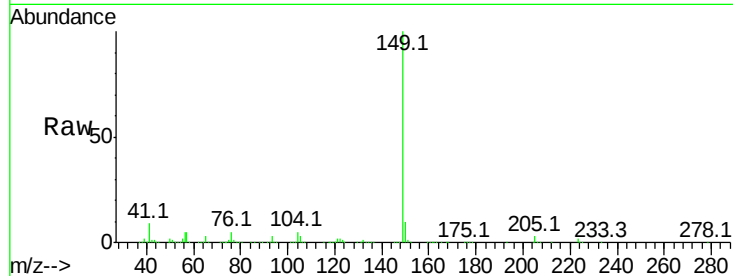
Tot Ion:149 Resp: 1282986

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

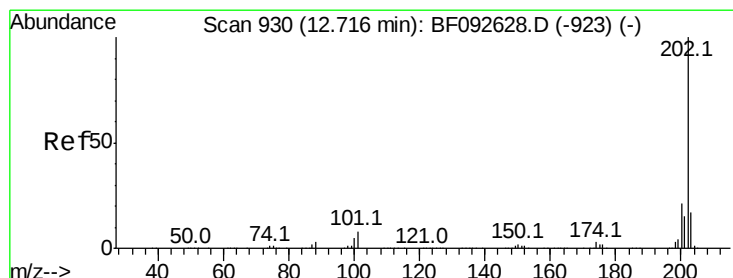
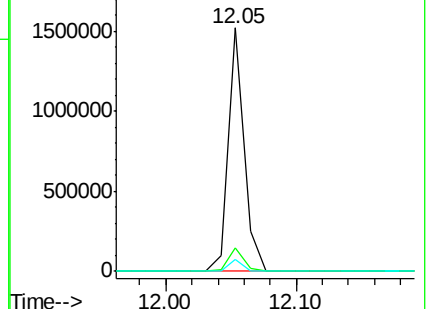
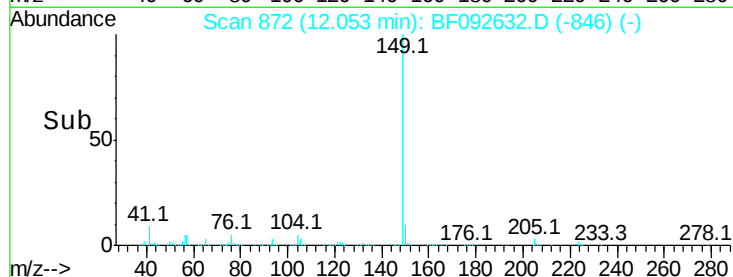
104 4.7 4.6 7.0



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: 37.98 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

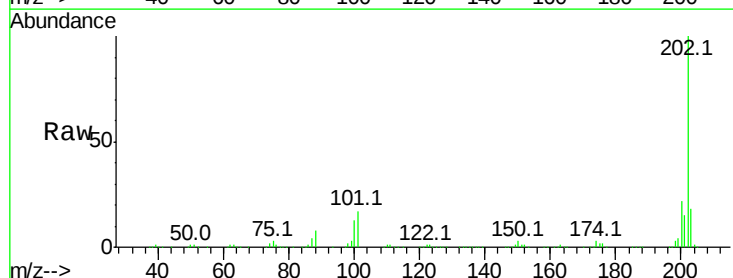
Tgt Ion:202 Resp: 1264614

Ion Ratio Lower Upper

202 100

101 16.6 0.0 34.6

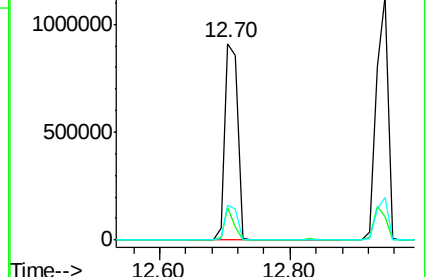
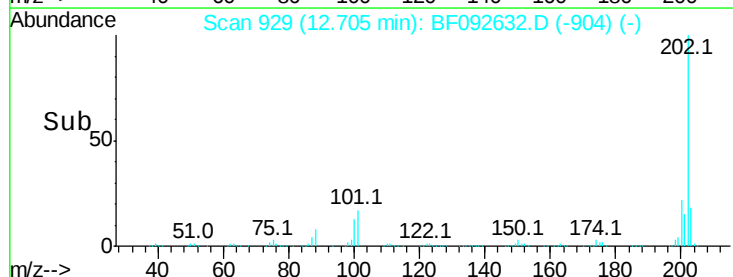
203 18.1 0.0 38.7

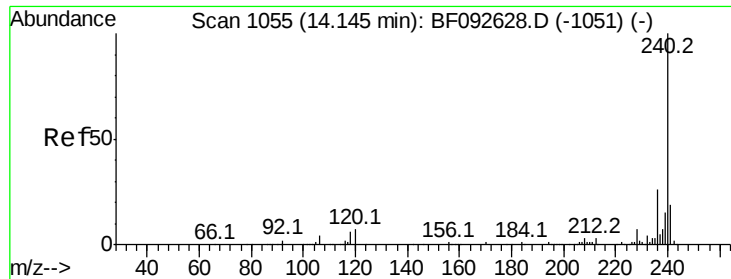


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

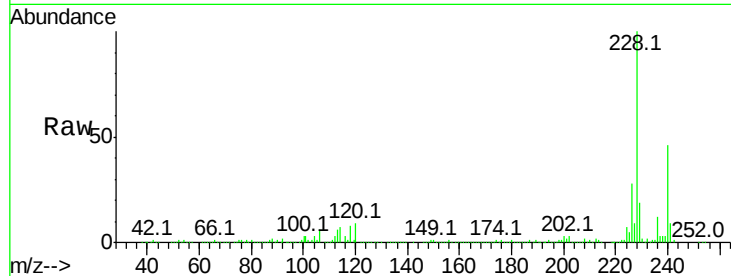
Tot Ion:240 Resp: 436575

Ion Ratio Lower Upper

240 100

120 19.9 12.9 19.3#

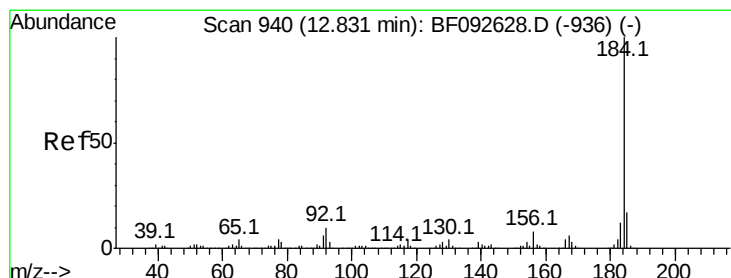
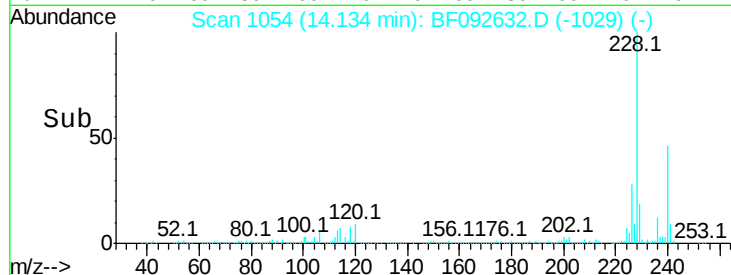
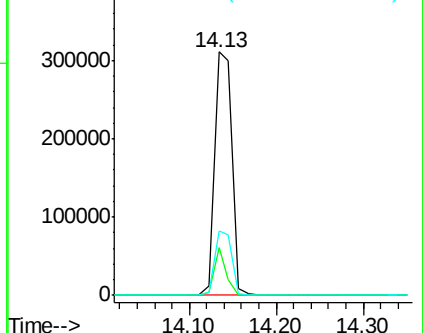
236 26.6 20.9 31.3



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: 36.85 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

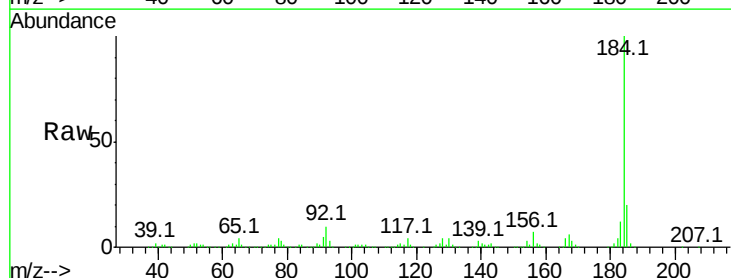
Tgt Ion:184 Resp: 685535

Ion Ratio Lower Upper

184 100

185 19.7 13.4 20.0

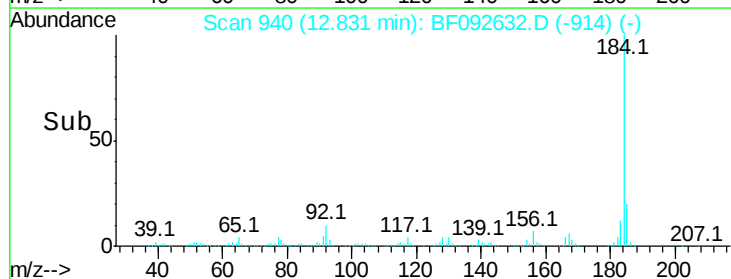
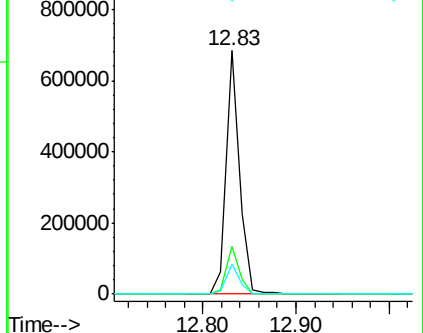
183 12.4 9.2 13.8

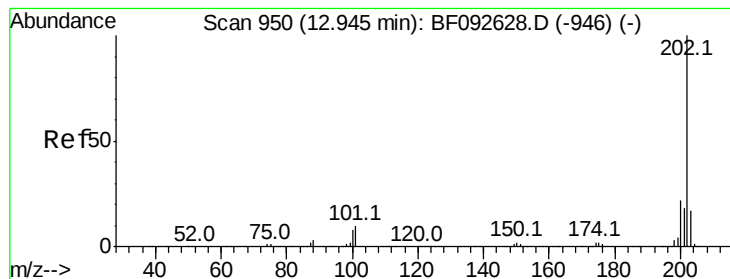


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.73 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :

BNA_F

ClientSampleId :

ICVBF013017

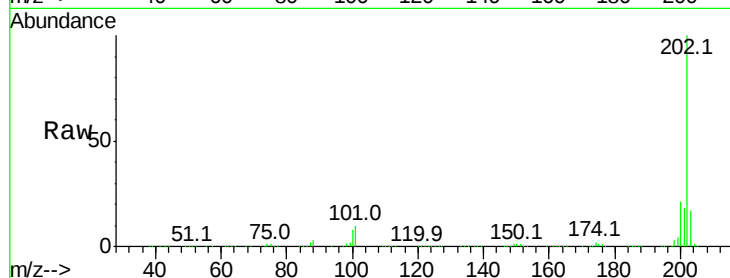
Tot Ion:202 Resp: 1363376

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

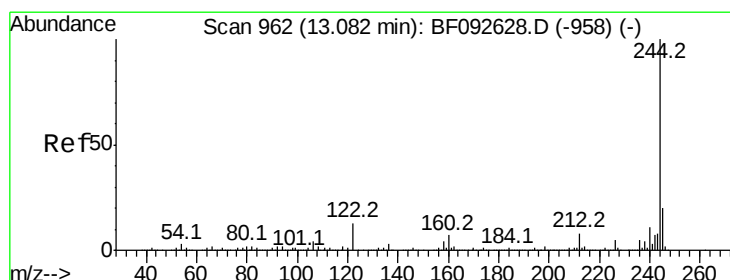
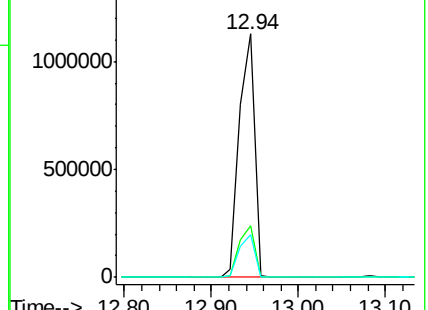
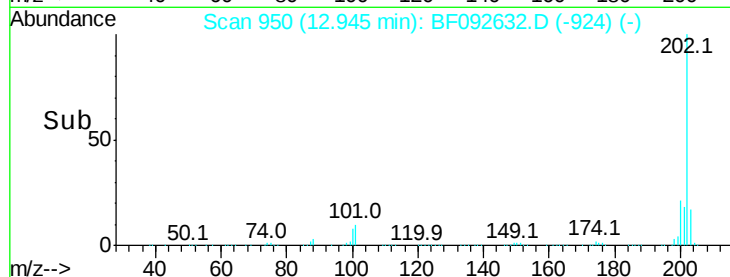
203 17.3 14.7 22.1



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: 79.55 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

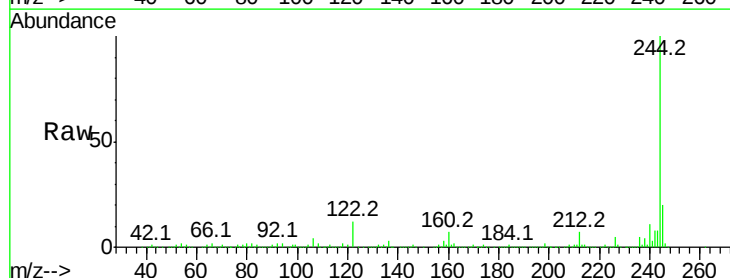
Tgt Ion:244 Resp: 1478107

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

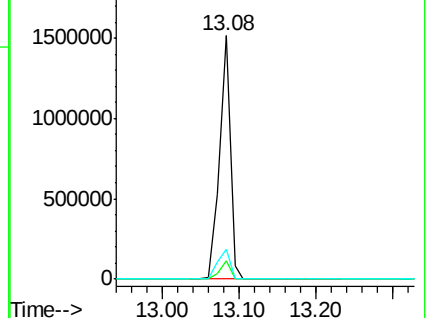
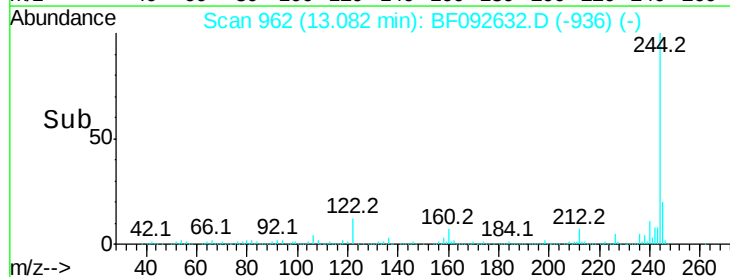
122 12.2 11.4 17.2

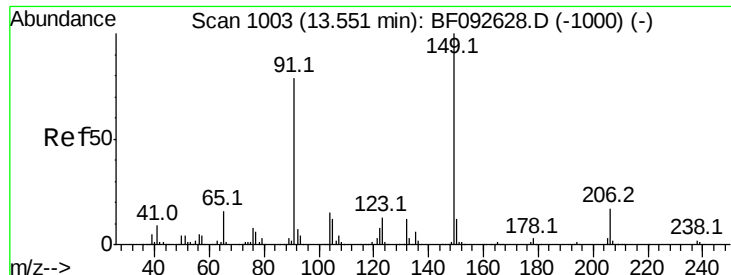


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

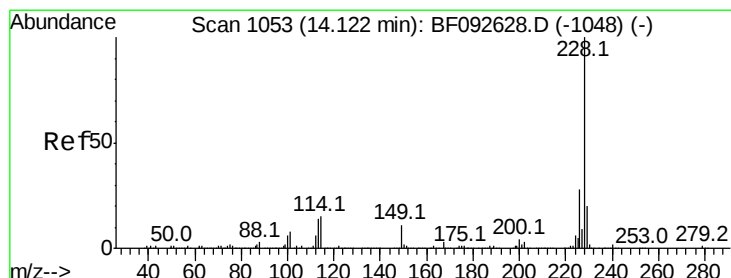
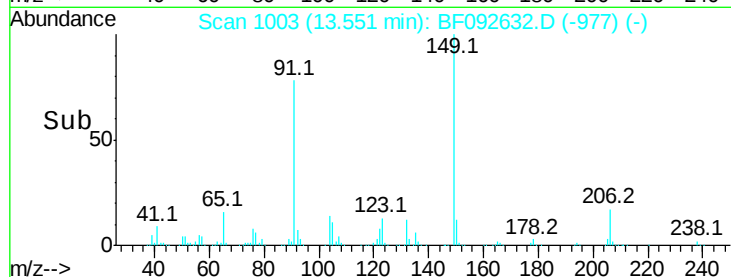
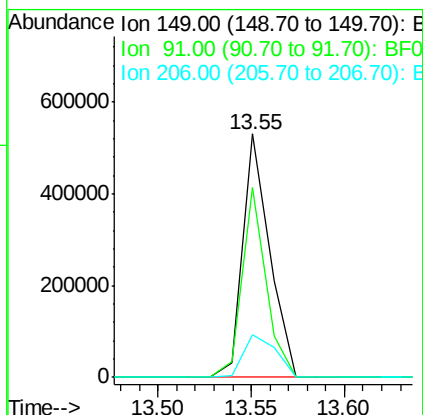
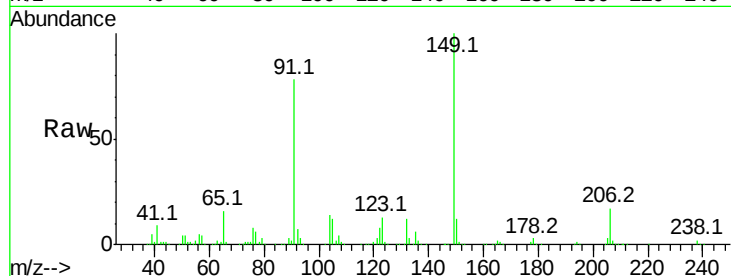




#79
Butylbenzylphthalate
Concen: 39.96 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

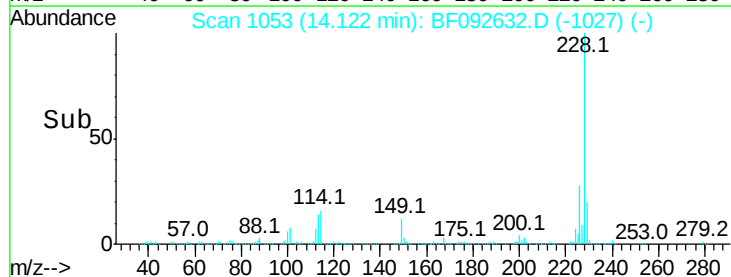
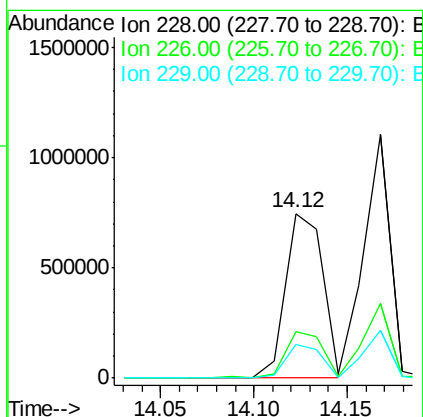
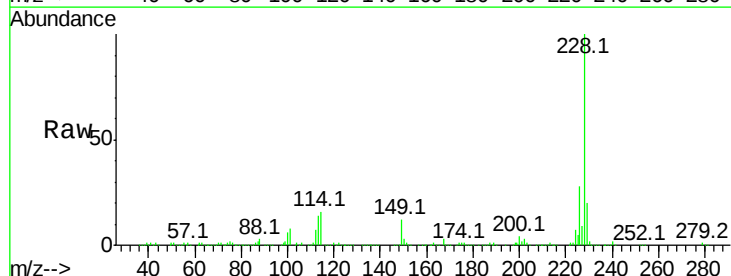
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

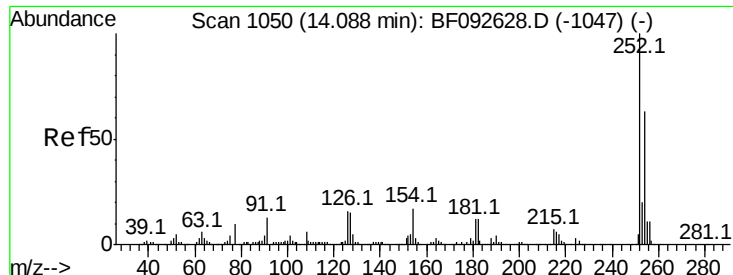
Tot Ion:149 Resp: 530135
Ion Ratio Lower Upper
149 100
91 77.9 63.9 95.9
206 17.4 14.6 21.8



#80
Benzo(a)anthracene
Concen: 39.12 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:228 Resp: 1044645
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.2 16.2 24.4

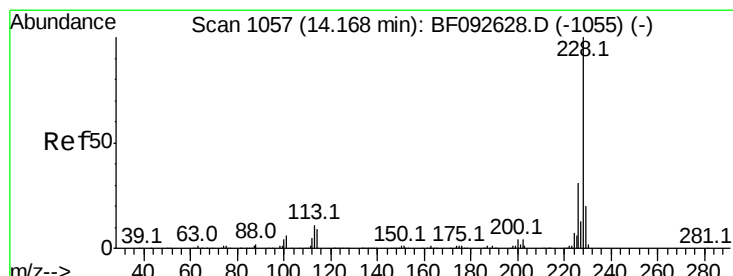
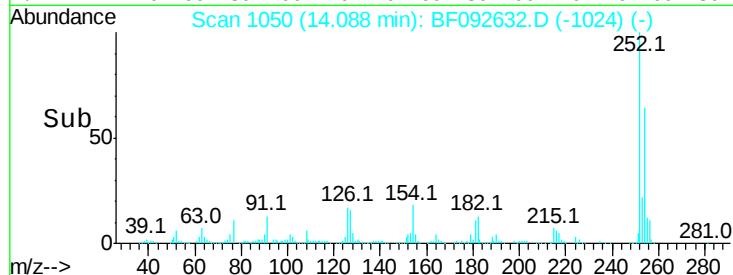
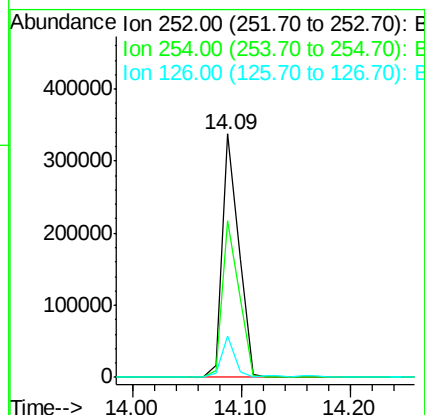
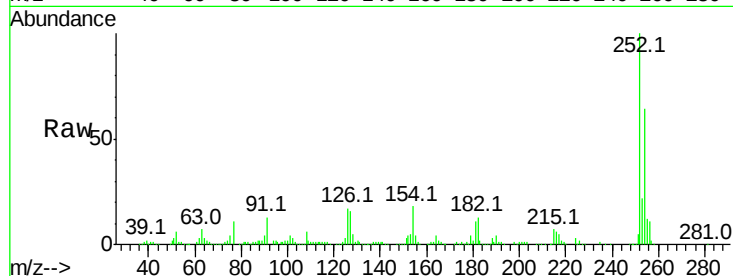




#81
 3,3'-Dichlorobenzidine
 Concen: 37.91 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

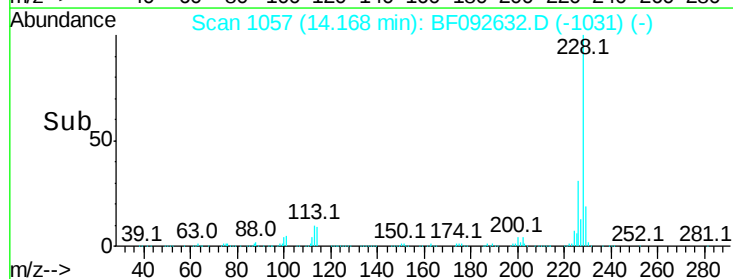
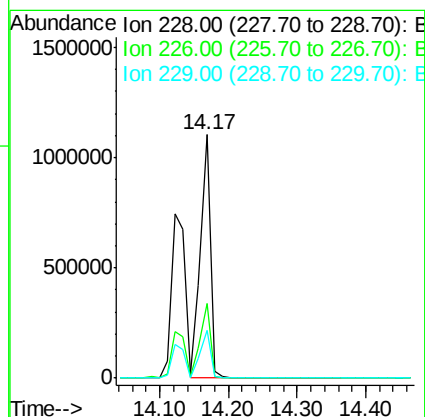
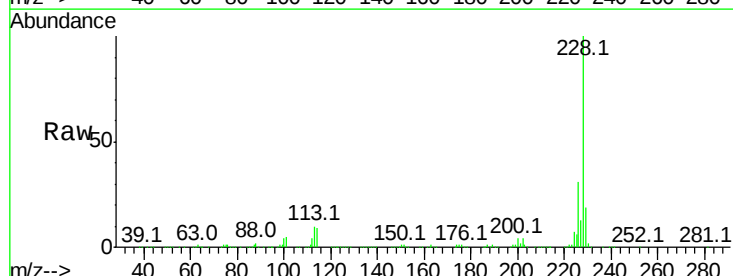
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

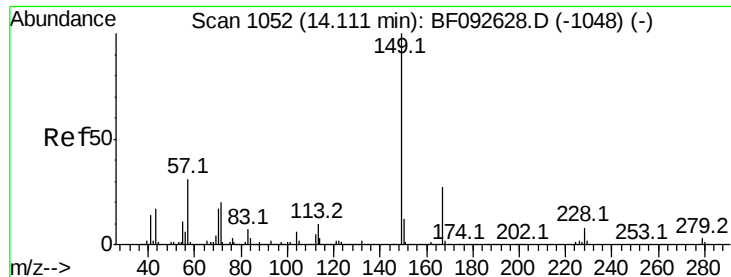
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	17.0	13.6	20.4



#82
 Chrysene
 Concen: 43.31 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	19.4	16.2	24.2

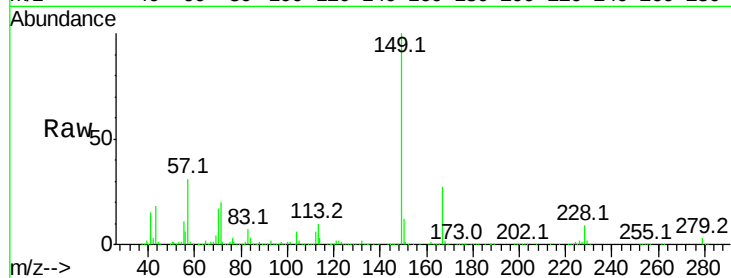




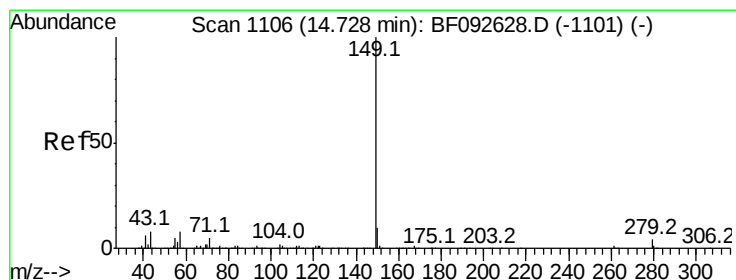
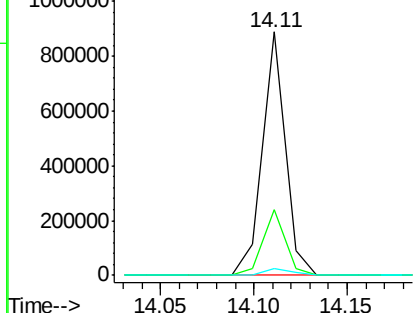
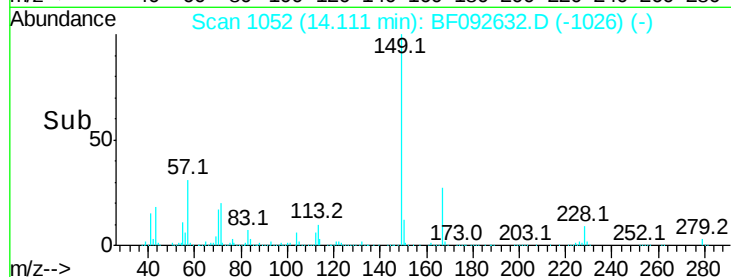
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.47 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	2.7	1.8	2.8

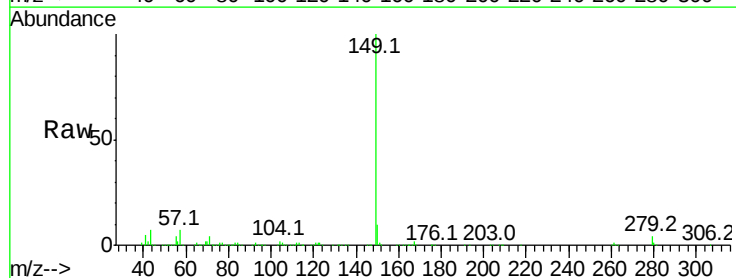


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

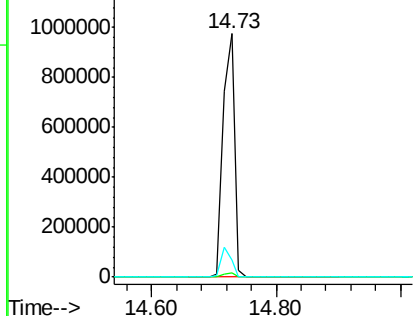
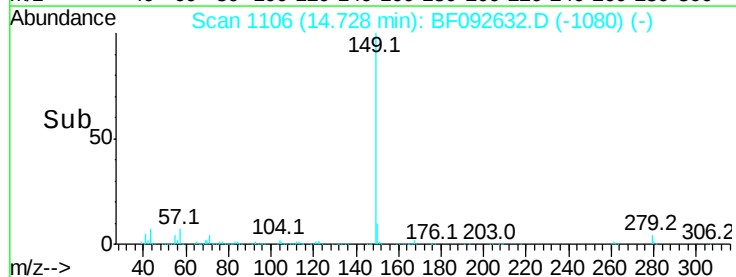


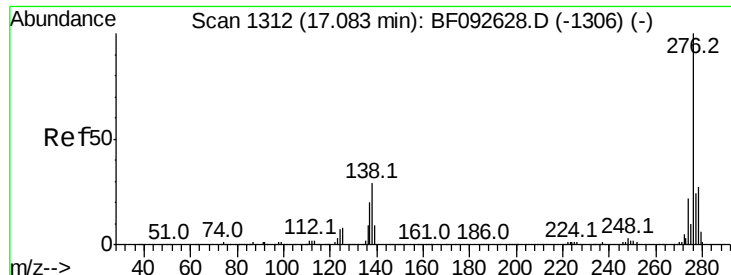
#84
 Di-n-octyl phthalate
 Concen: 41.10 ng
 RT: 14.73 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.9	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

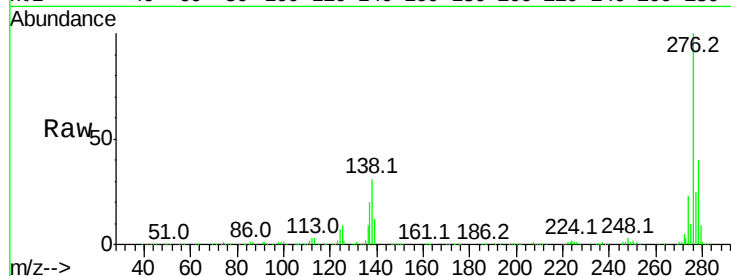




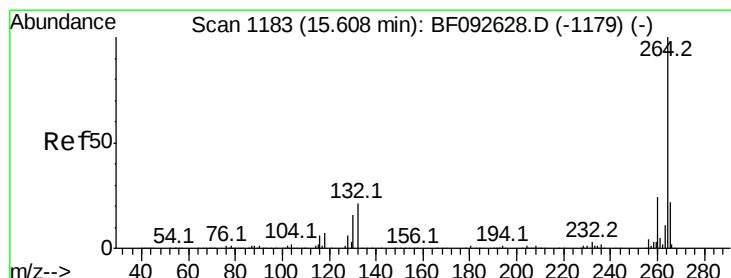
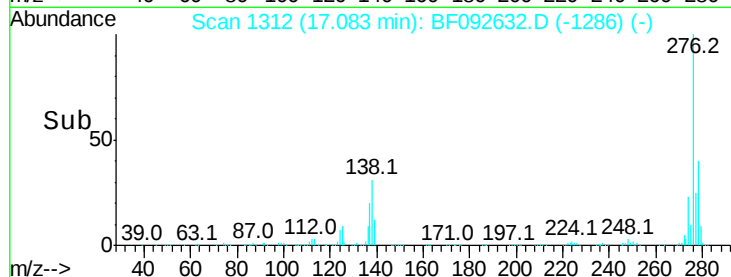
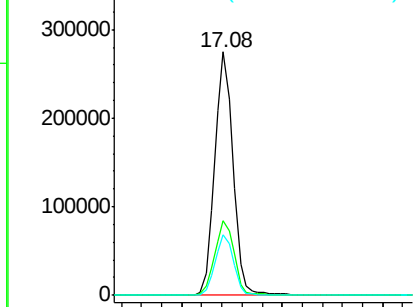
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.18 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion:276 Resp: 700565
Ion Ratio Lower Upper
276 100
138 32.4 21.8 32.6
277 25.0 20.2 30.4

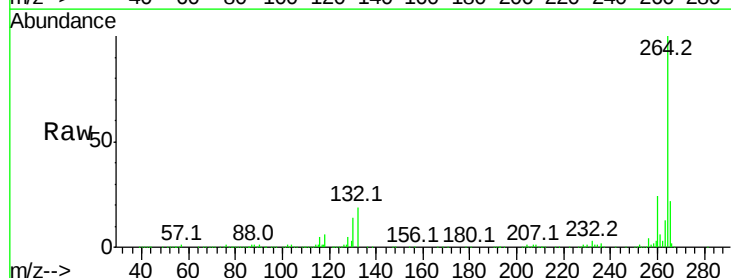


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

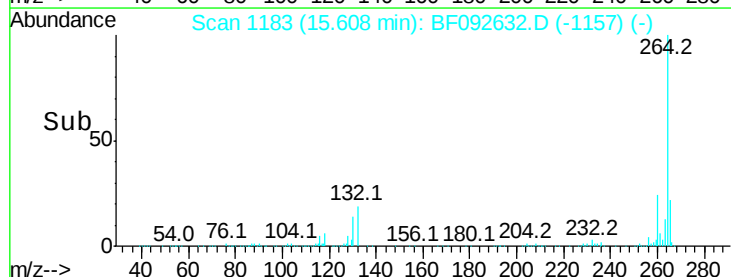
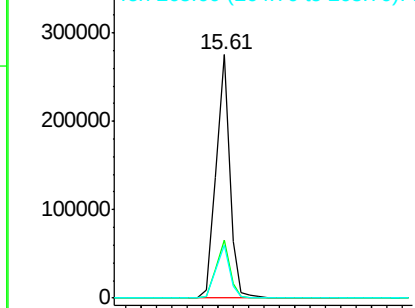


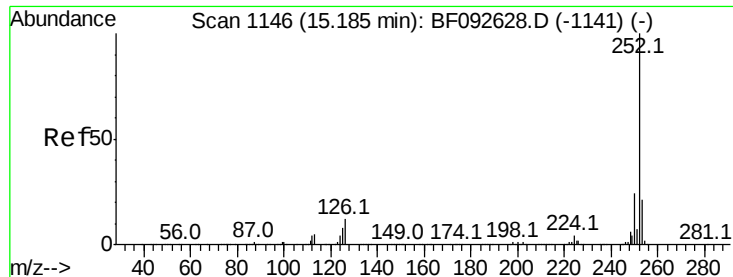
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:264 Resp: 342113
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.10 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.01 min

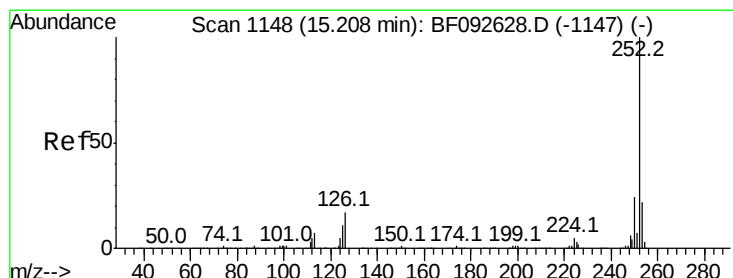
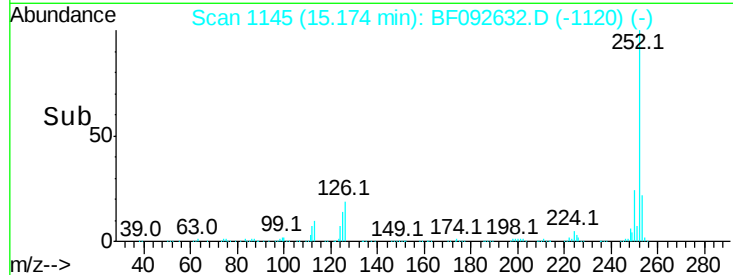
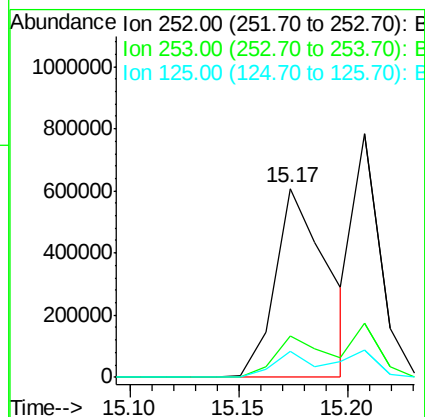
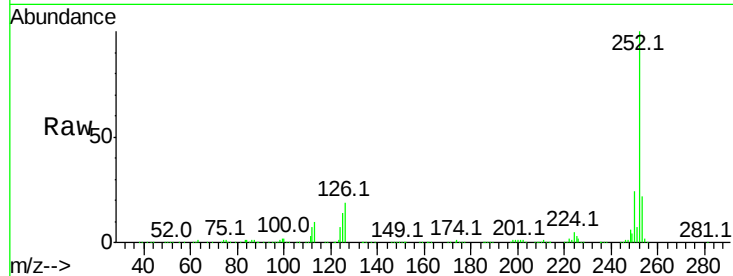
Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Instrument :
BNA_F
ClientSampleId :
ICVBF013017

Tot Ion:252 Resp: 1015466

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	13.7	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 52.23 ng

RT: 15.17 min Scan# 1145

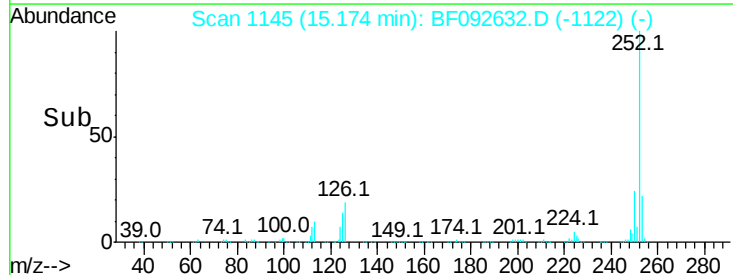
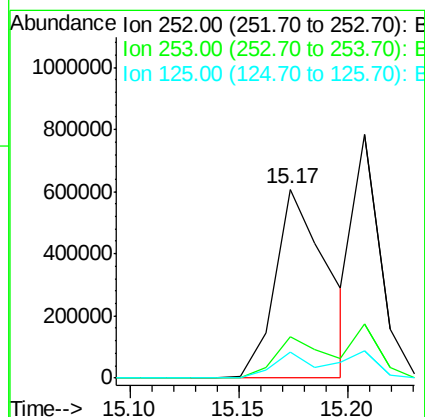
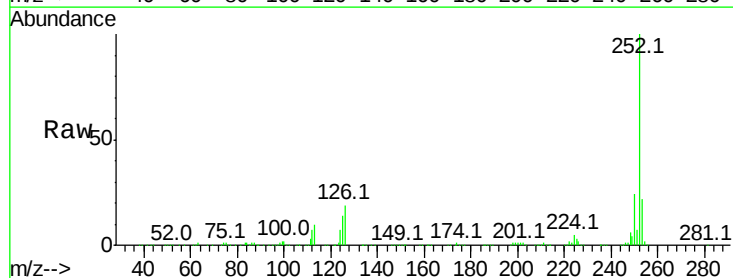
Delta R.T. -0.03 min

Lab File: BF092632.D

Acq: 30 Jan 2017 14:33

Tgt Ion:252 Resp: 1015466

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	13.7	8.9	13.3#

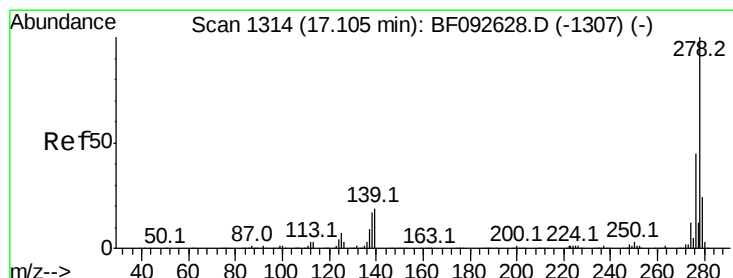
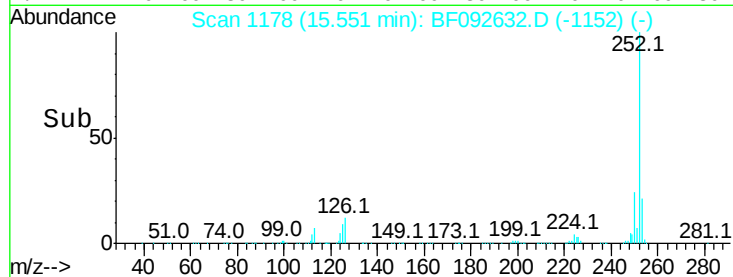
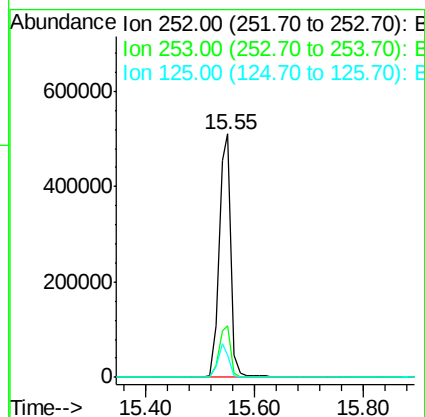
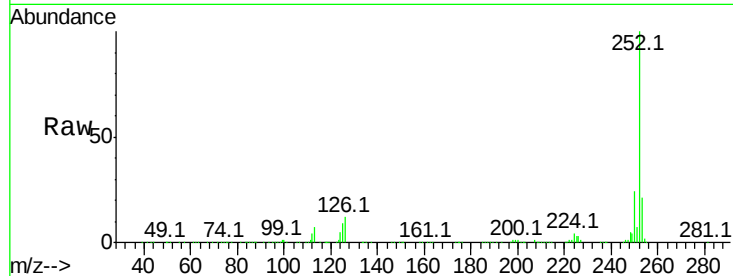




#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 15.55 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

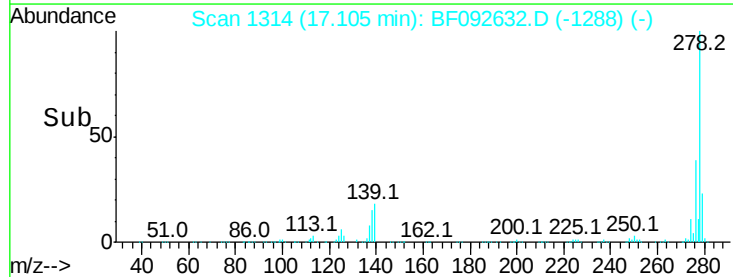
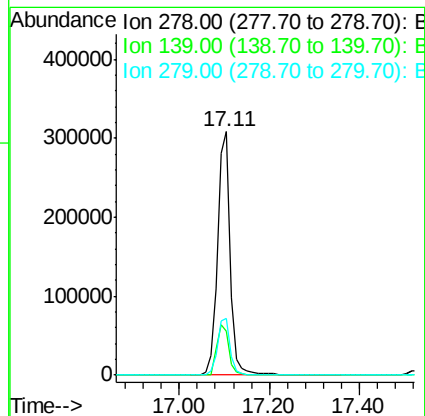
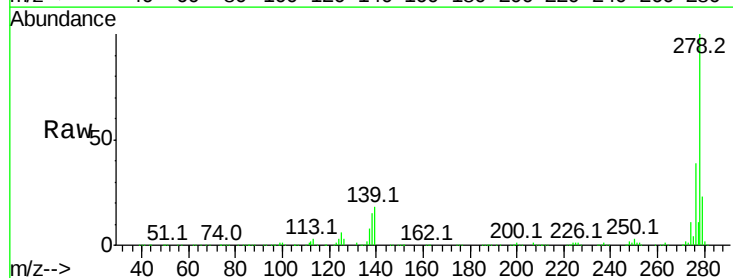
Instrument :
BNA_F
ClientSampleId :
ICVBF013017

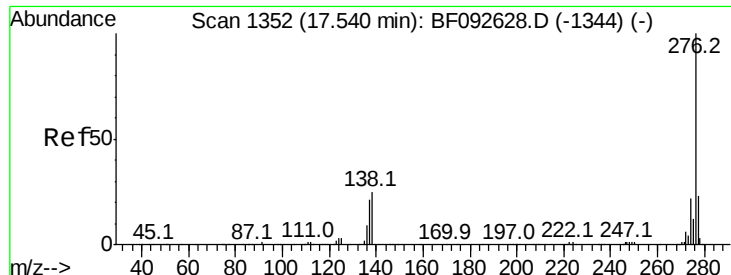
Tot Ion:252 Resp: 788620
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.2
125 9.2 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.39 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF092632.D
Acq: 30 Jan 2017 14:33

Tgt Ion:278 Resp: 604298
Ion Ratio Lower Upper
278 100
139 17.8 14.8 22.2
279 23.1 19.8 29.6

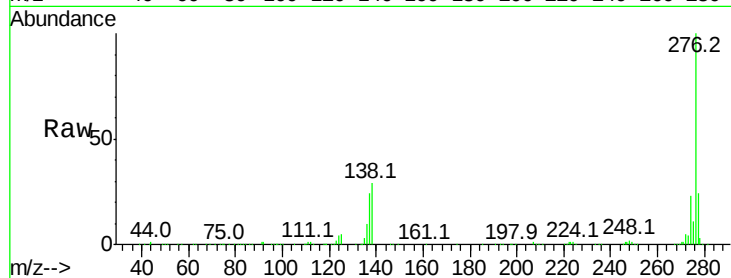




#91
 Benzo(a,h,i)perylene
 Concen: 37.98 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092632.D
 Acq: 30 Jan 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF013017

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	28.5	16.0	24.0



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

