

Data File : BF093136.D
Acq On : 24 Feb 2017 7:53
Operator : SJ/MA
Sample : I1948-06MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

Quant Time: Feb 24 08:22:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156486	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	561234	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	241408	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	353824	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	272983	20.00	ng	-0.01
86) Perylene-d12	15.43	264	255159	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1227726	134.60	ng	0.01
7) Phenol-d6	6.49	99	1474579	125.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	924356	91.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	219814	125.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1609484	120.79	ng	-0.01
78) Terphenyl-d14	12.95	244	949886	81.76	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	182414	37.01	ng	# 73
3) Pyridine	3.30	79	292222	23.32	ng	88
4) n-Nitrosodimethylamine	3.22	42	266445	45.28	ng	87
6) Aniline	6.51	93	132403	8.27	ng	# 37
8) 2-Chlorophenol	6.64	128	433396	43.07	ng	92
9) Benzaldehyde	6.40	77	116751	13.89	ng	97
10) Phenol	6.51	94	478637	34.86	ng	# 70
11) bis(2-Chloroethyl)ether	6.58	93	484369	44.19	ng	88
12) 1,3-Dichlorobenzene	6.78	146	519535	44.08	ng	97
13) 1,4-Dichlorobenzene	6.78	146	519535	43.55	ng	95
14) 1,2-Dichlorobenzene	7.01	146	462272	40.53	ng	99
15) Benzyl Alcohol	6.99	79	348398	40.10	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	808248	42.45	ng	98
17) 2-Methylphenol	7.12	107	383492	44.42	ng	97
18) Hexachloroethane	7.36	117	155672	38.23	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	310684	41.59	ng	95
20) 3+4-Methylphenols	7.26	107	454605	44.04	ng	# 85
22) Acetophenone	7.25	105	613875	47.91	ng	98
24) Nitrobenzene	7.44	77	528470	51.07	ng	# 88
25) Isophorone	7.68	82	911478	48.53	ng	98
26) 2-Nitrophenol	7.74	139	209332	42.55	ng	93
27) 2,4-Dimethylphenol	7.79	122	395787	45.81	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	579842	46.62	ng	99
29) 2,4-Dichlorophenol	8.00	162	382955	47.53	ng	93
30) 1,2,4-Trichlorobenzene	8.08	180	388593	44.75	ng	97
31) Naphthalene	8.16	128	1224805	43.05	ng	99
32) Benzoic acid	7.93	122	242522	49.31	ng	98
33) 4-Chloroaniline	8.21	127	90982	8.15	ng	98
34) Hexachlorobutadiene	8.27	225	204678	42.84	ng	99
35) Caprolactam	8.58	113	103297	40.76	ng	# 43
36) 4-Chloro-3-methylphenol	8.69	107	359943	42.85	ng	94
37) 2-Methylnaphthalene	8.84	142	838119	45.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	347548	51.29	ng	99
40) Hexachlorocyclopentadiene	8.99	237	92176	30.15	ng	97

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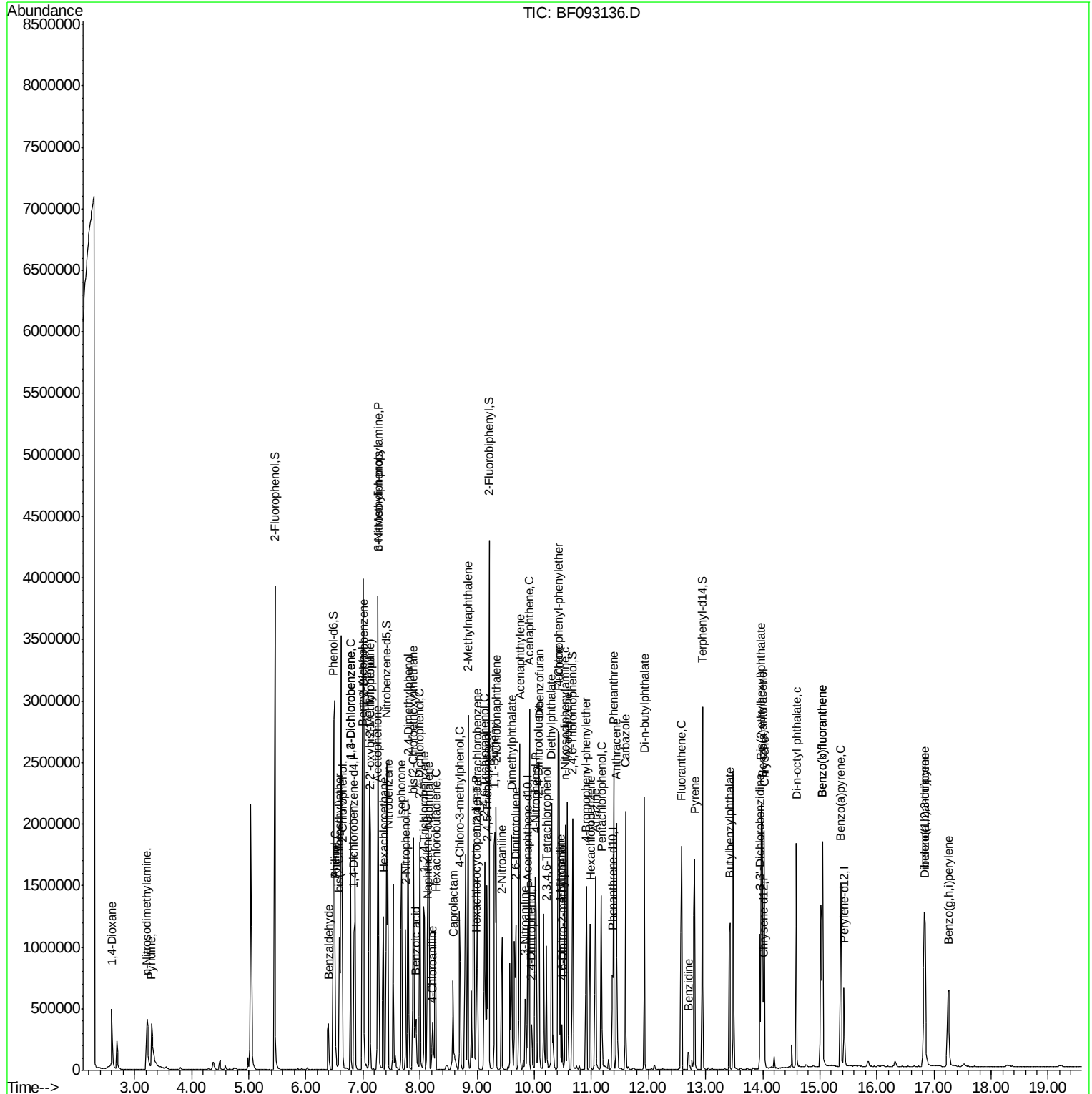
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	247285	55.54	ng	93
43) 2,4,5-Trichlorophenol	9.17	196	243052	49.82	ng #	86
45) 1,1'-Biphenyl	9.31	154	945470	54.09	ng	99
46) 2-Chloronaphthalene	9.33	162	772729	56.51	ng	97
47) 2-Nitroaniline	9.44	65	247074	53.74	ng #	72
48) Acenaphthylene	9.74	152	1149377	48.65	ng	98
49) Dimethylphthalate	9.61	163	854589	52.56	ng	99
50) 2,6-Dinitrotoluene	9.68	165	194574	55.41	ng	91
51) Acenaphthene	9.92	154	667976	47.29	ng	96
52) 3-Nitroaniline	9.84	138	96221	23.94	ng	87
53) 2,4-Dinitrophenol	9.95	184	59945	36.31	ng #	45
54) Dibenzofuran	10.09	168	952954	50.45	ng	95
55) 4-Nitrophenol	10.02	139	230021	79.47	ng	84
56) 2,4-Dinitrotoluene	10.08	165	202670	43.35	ng	95
57) Fluorene	10.43	166	726456	49.98	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	169580	52.10	ng	94
59) Diethylphthalate	10.30	149	796452	51.97	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	316103	45.27	ng	92
61) 4-Nitroaniline	10.45	138	160152	38.91	ng	92
62) Azobenzene	10.58	77	857539	54.17	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	47922	23.68	ng #	74
65) n-Nitrosodiphenylamine	10.54	169	646082	57.16	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	193829	52.43	ng #	89
67) Hexachlorobenzene	10.98	284	177981	48.72	ng	98
68) Atrazine	11.07	200	183029	50.46	ng	96
69) Pentachlorophenol	11.17	266	172379	90.38	ng	98
70) Phenanthrene	11.39	178	932975	46.02	ng	99
71) Anthracene	11.44	178	902035	44.31	ng	98
72) Carbazole	11.60	167	781482	40.16	ng	99
73) Di-n-butylphthalate	11.93	149	1159080	55.08	ng #	96
74) Fluoranthene	12.58	202	904544	43.26	ng	93
76) Benzidine	12.71	184	84655	7.28	ng	96
77) Pyrene	12.81	202	915842	44.83	ng	98
79) Butylbenzylphthalate	13.43	149	419120	50.52	ng #	76
80) Benzo(a)anthracene	14.00	228	793568	47.53	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	220901	37.12	ng	99
82) Chrysene	14.03	228	782307	50.04	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	559841	49.35	ng	98
84) Di-n-octyl phthalate	14.59	149	1065731	57.69	ng	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	638884	52.76	ng #	93
87) Benzo(b)fluoranthene	15.05	252	1485486	88.45	ng	99
88) Benzo(k)fluoranthene	15.05	252	1486079	102.48	ng	98
89) Benzo(a)pyrene	15.37	252	701720	48.30	ng	97
90) Dibenzo(a,h)anthracene	16.84	278	555254	47.29	ng	97
91) Benzo(g,h,i)perylene	17.25	276	520955	43.92	ng #	92

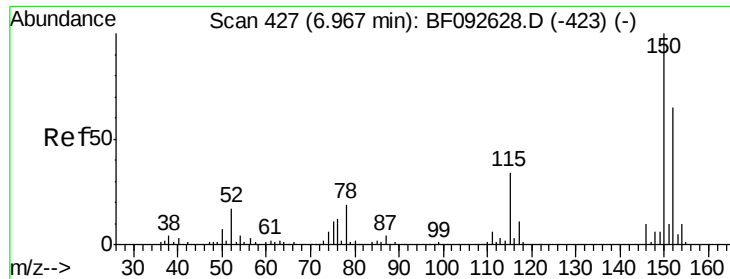
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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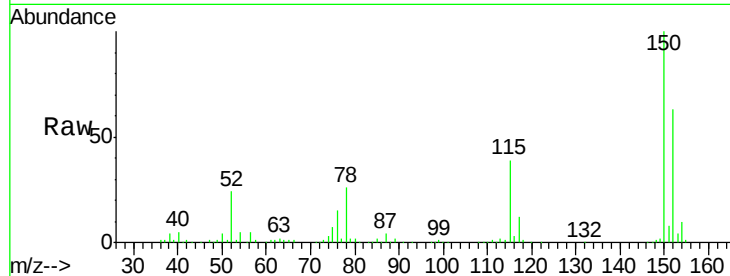
Tgt Ion:152 Resp: 156486

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

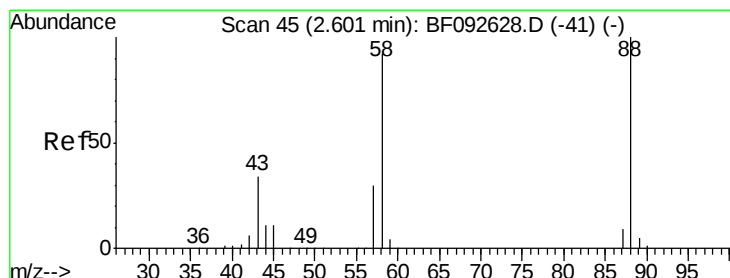
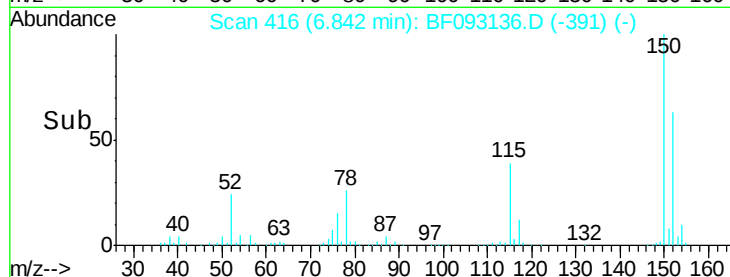
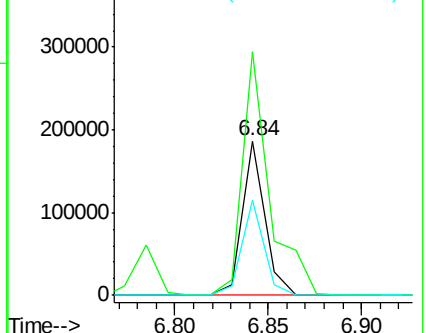
115 62.0 46.0 69.0



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



#2

1,4-Dioxane

Concen: 37.01 ng

RT: 2.60 min Scan# 45

Delta R.T. 0.17 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

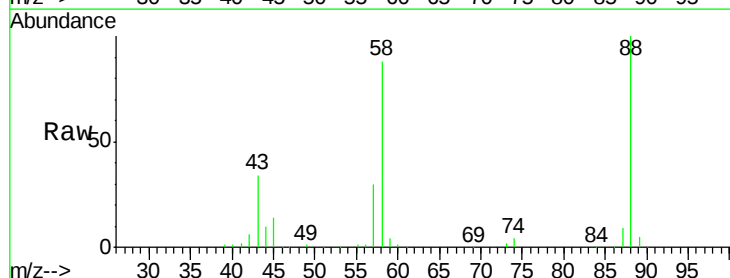
Tgt Ion: 88 Resp: 182414

Ion Ratio Lower Upper

88 100

58 86.6 57.8 86.8

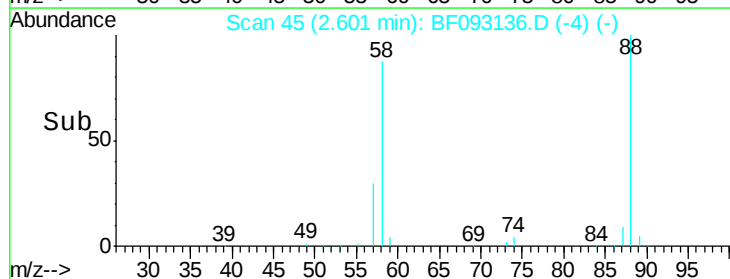
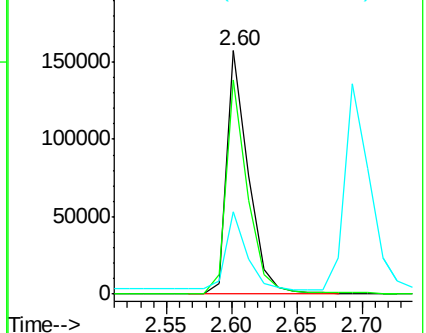
43 0.0 22.3 33.5#

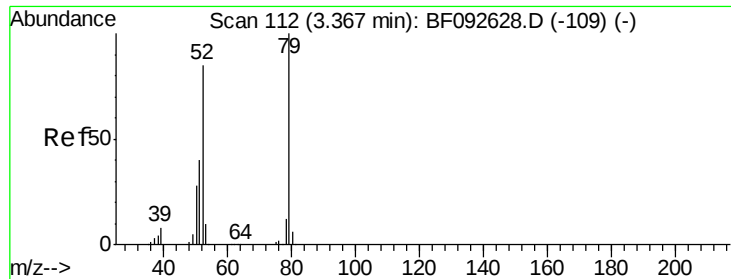


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.32 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.15 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

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TP23-24-COMP17MS

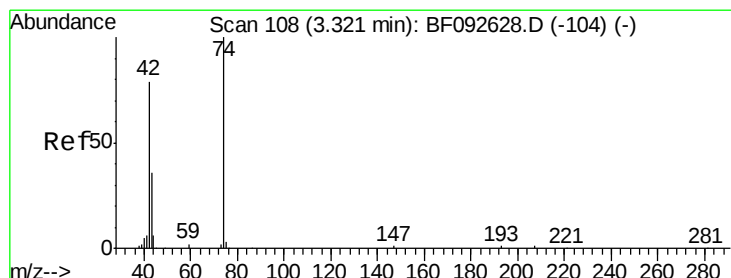
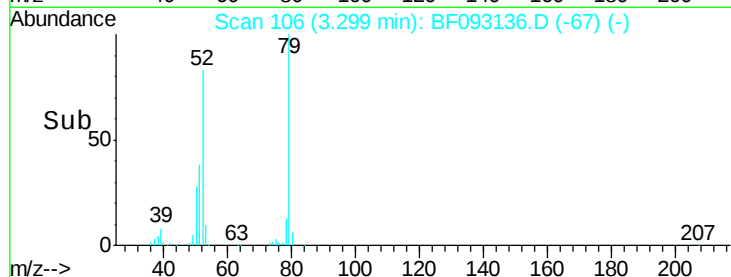
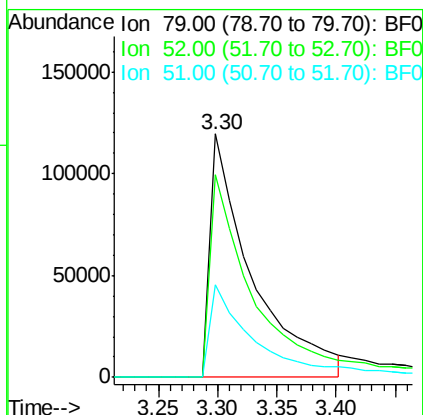
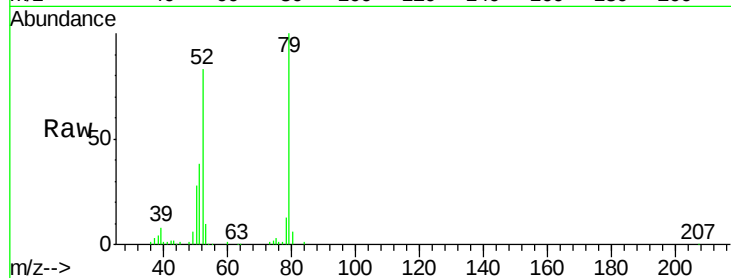
Tgt Ion: 79 Resp: 292222

Ion Ratio Lower Upper

79 100

52 83.2 57.1 85.7

51 38.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 45.28 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.11 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

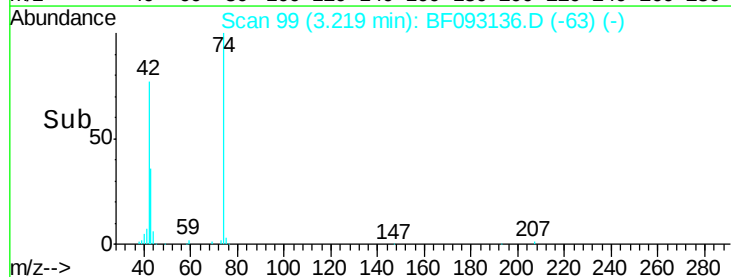
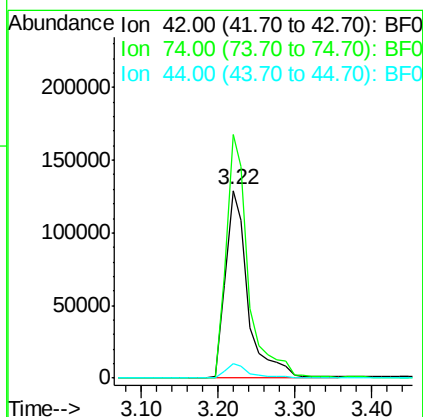
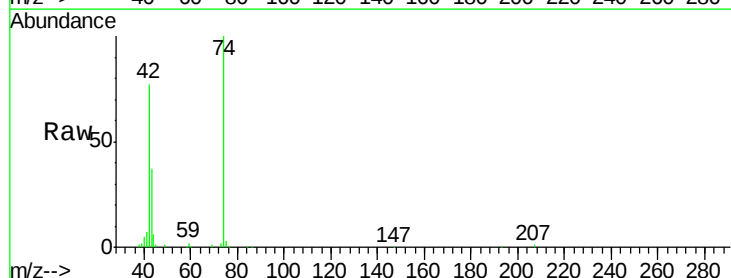
Tgt Ion: 42 Resp: 266445

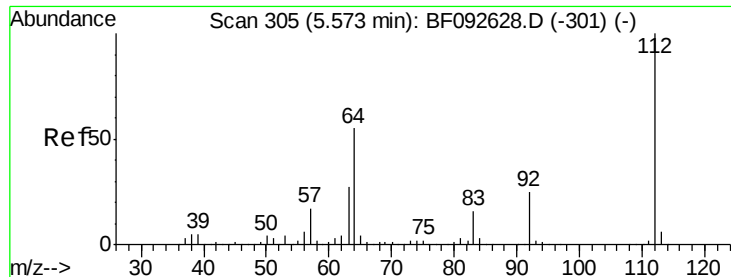
Ion Ratio Lower Upper

42 100

74 129.6 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 134.60 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

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BNA_F

ClientSampleId :

TP23-24-COMP17MS

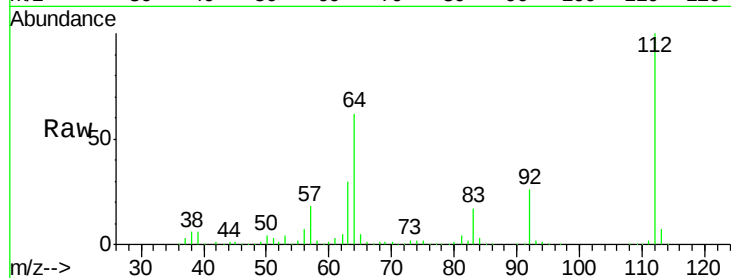
Tgt Ion: 112 Resp: 1227726

Ion Ratio Lower Upper

112 100

64 61.6 46.1 69.1

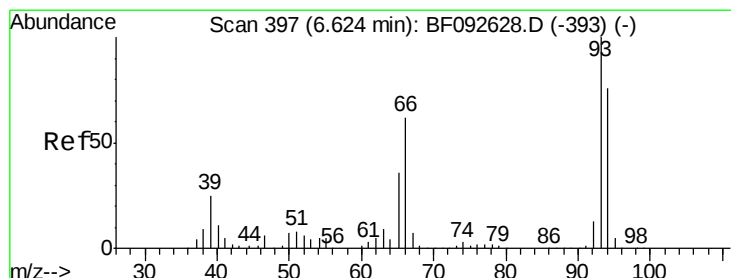
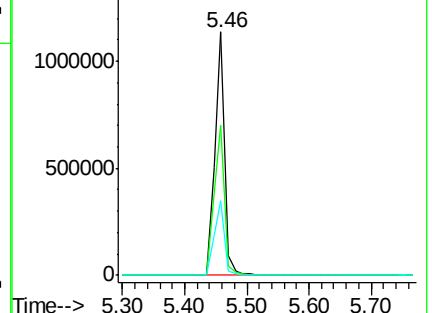
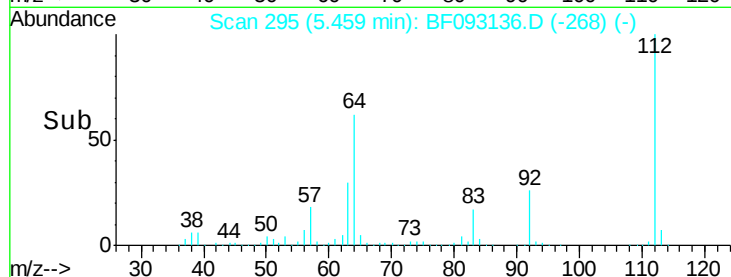
63 30.4 23.8 35.6



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: 8.27 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

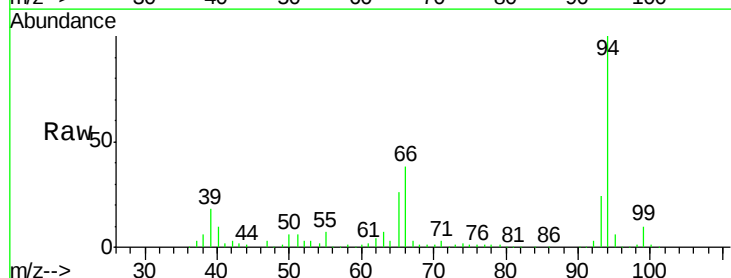
Tgt Ion: 93 Resp: 132403

Ion Ratio Lower Upper

93 100

66 156.2 76.2 114.2#

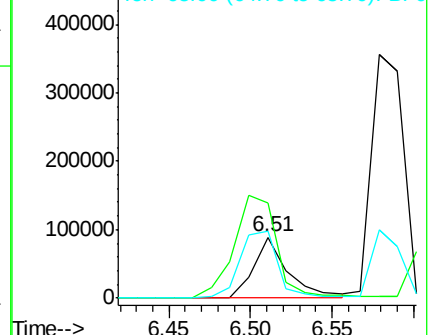
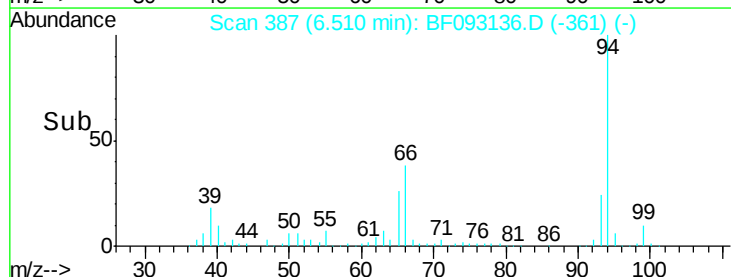
65 109.9 49.3 73.9#

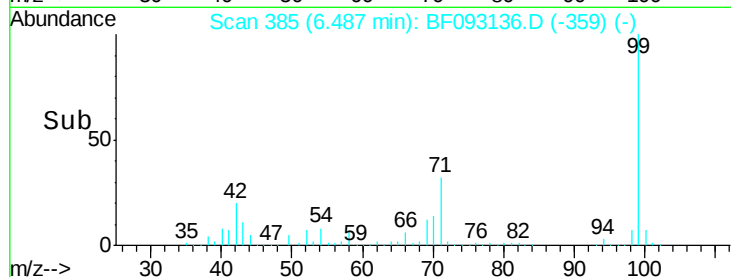
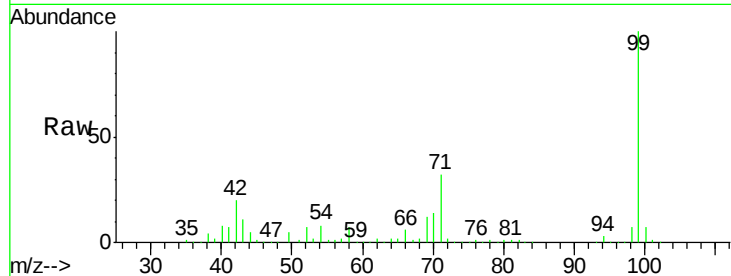
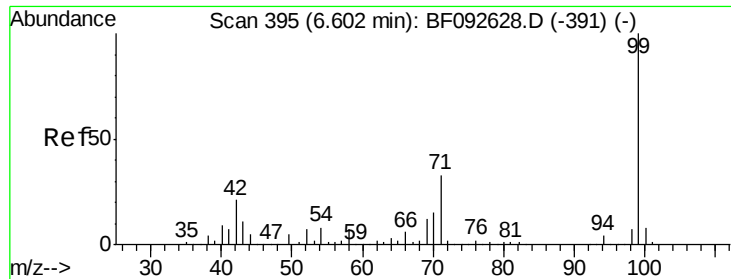


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.65 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

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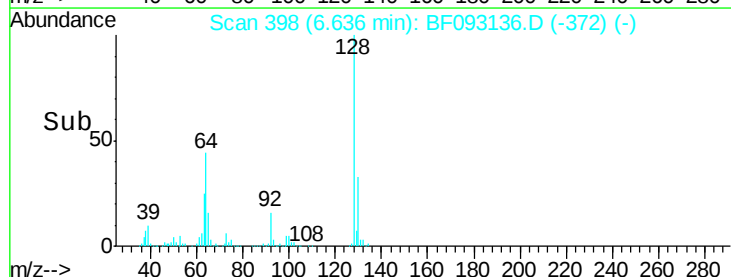
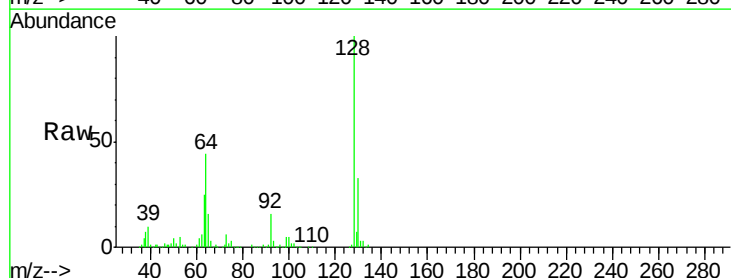
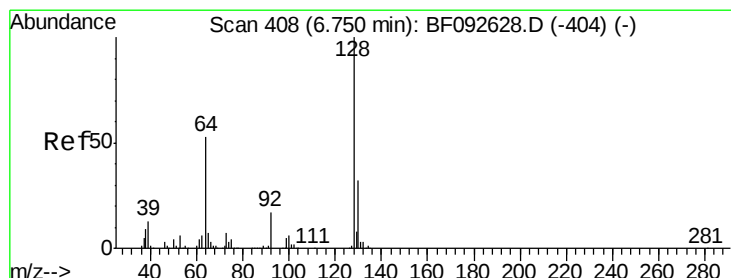
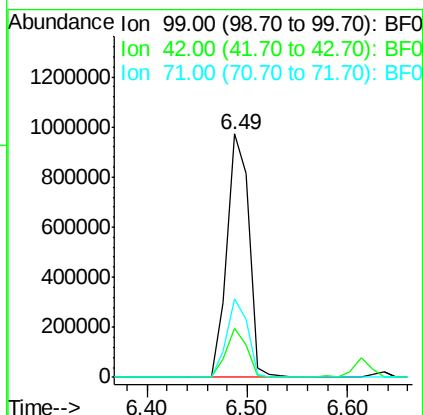
Tgt Ion: 99 Resp: 1474579

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 32.4 27.5 41.3



#8

2-Chlorophenol

Concen: 43.07 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

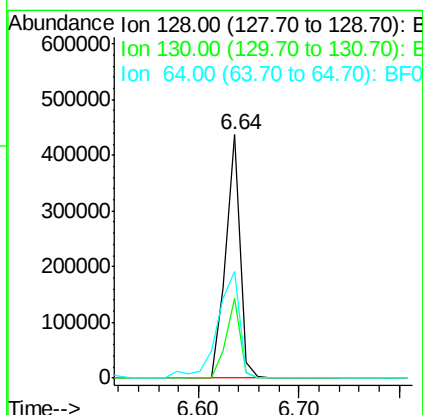
Tgt Ion: 128 Resp: 433396

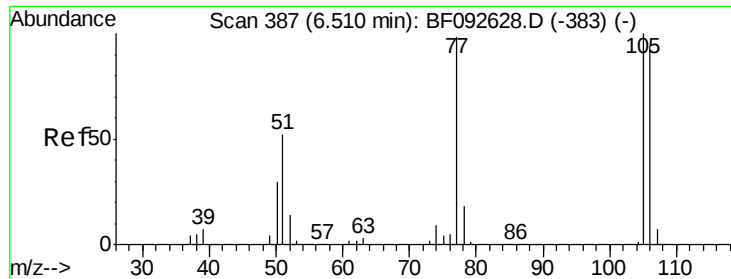
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 43.6 32.2 72.2





#9

Benzaldehyde

Concen: 13.89 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF093136.D

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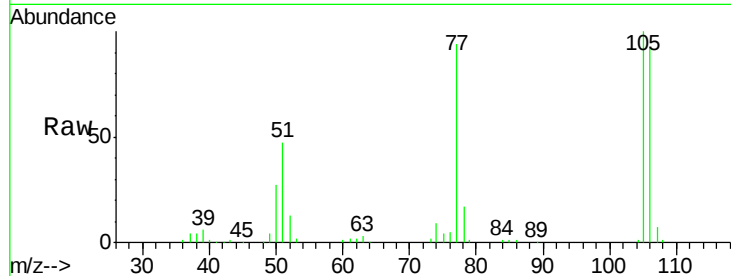
Tgt Ion: 77 Resp: 116751

Ion Ratio Lower Upper

77 100

105 106.8 83.9 123.9

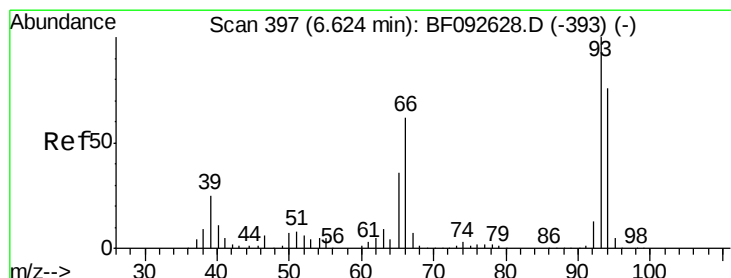
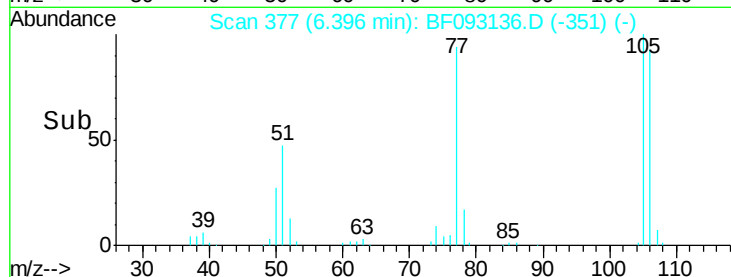
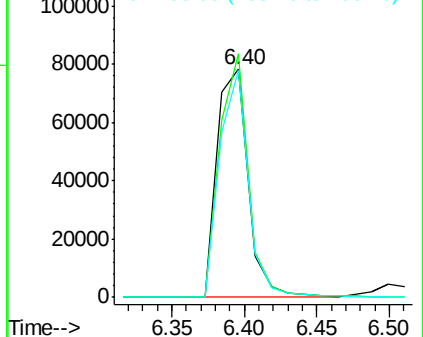
106 99.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.86 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093136.D

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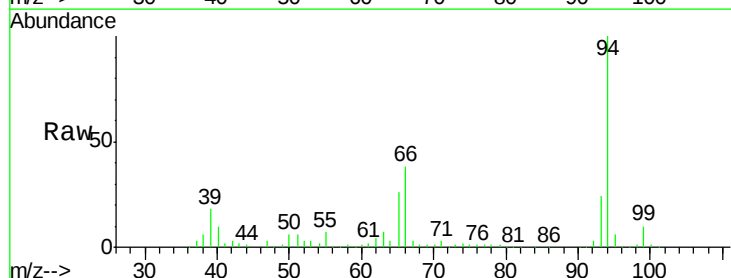
Tgt Ion: 94 Resp: 478637

Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

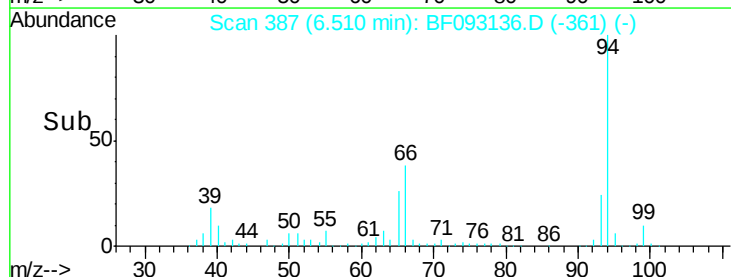
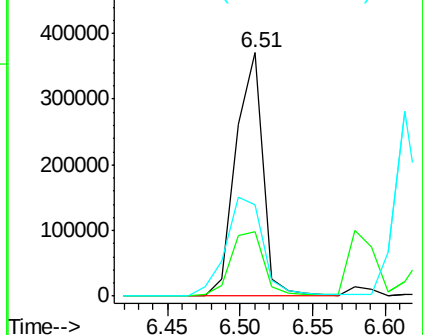
66 37.6 44.0 84.0#

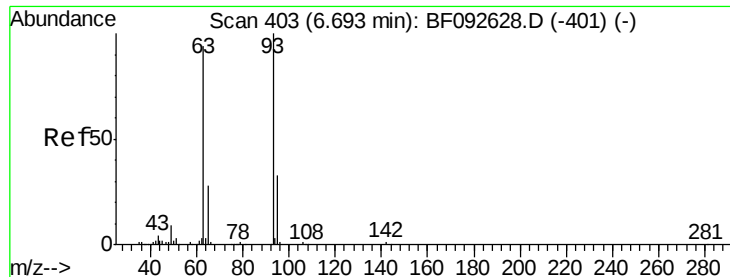


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

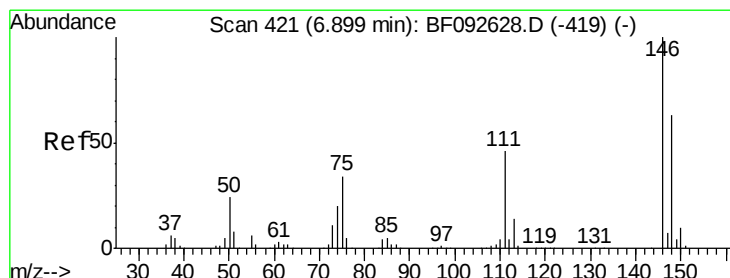
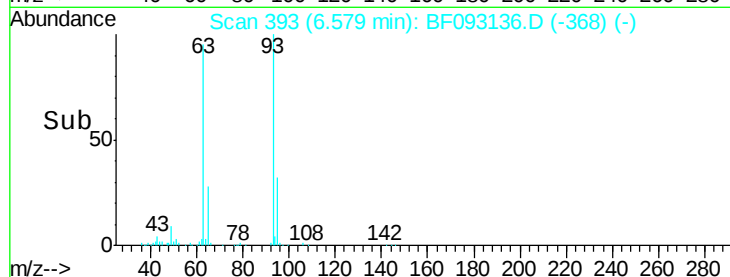
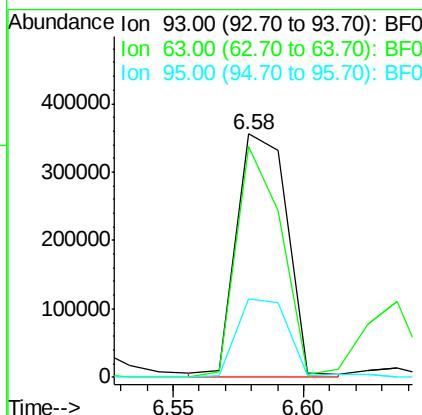
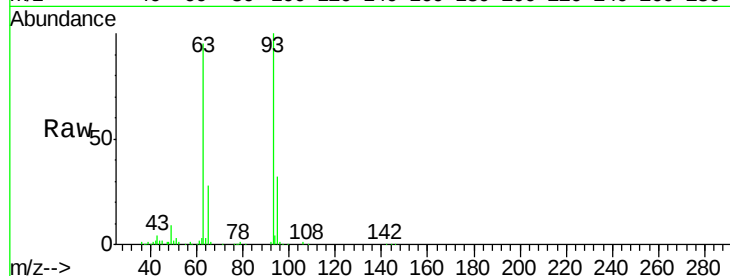




#11
bis(2-Chloroethyl)ether
Concen: 44.19 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

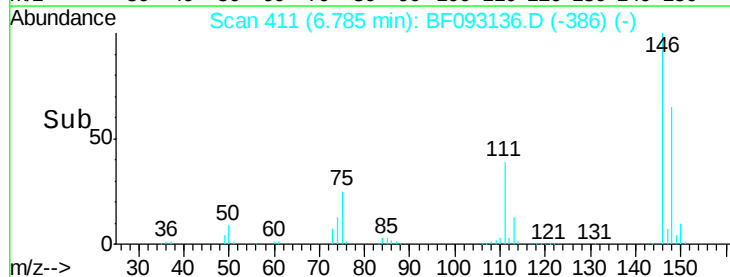
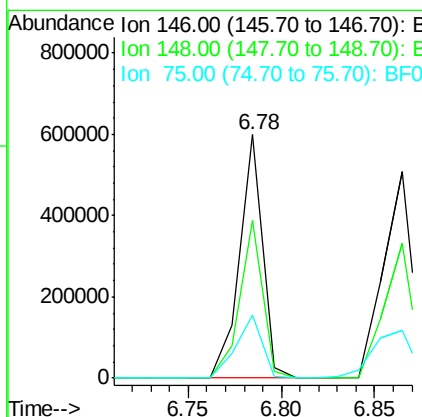
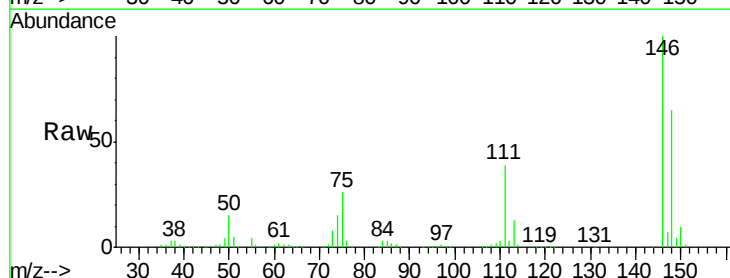
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

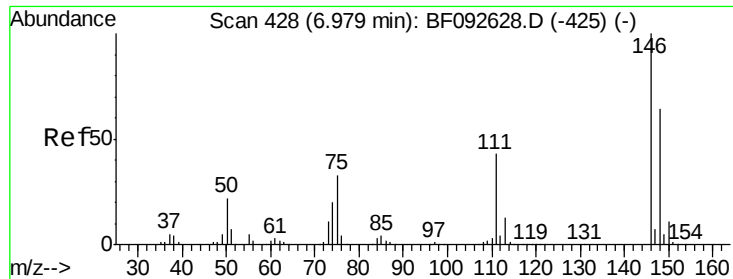
Tgt Ion: 93 Resp: 484369
Ion Ratio Lower Upper
93 100
63 94.6 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.08 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 146 Resp: 519535
Ion Ratio Lower Upper
146 100
148 64.6 53.4 80.0
75 26.0 18.5 27.7

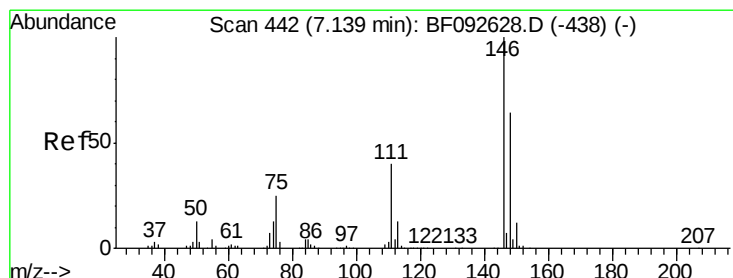
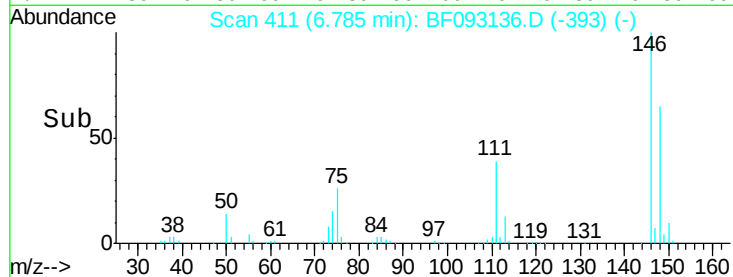
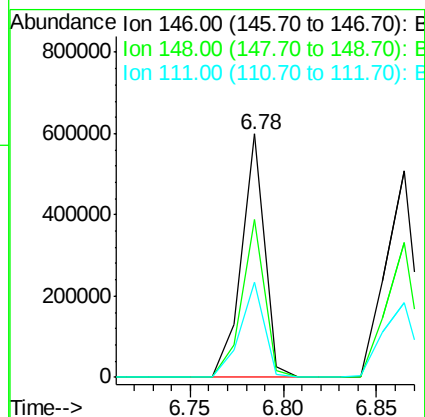
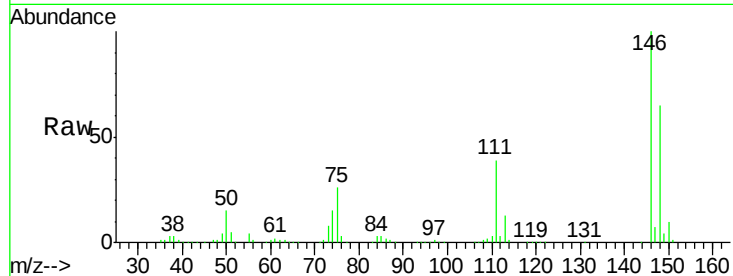




#13
 1,4-Dichlorobenzene
 Concen: 43.55 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.09 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

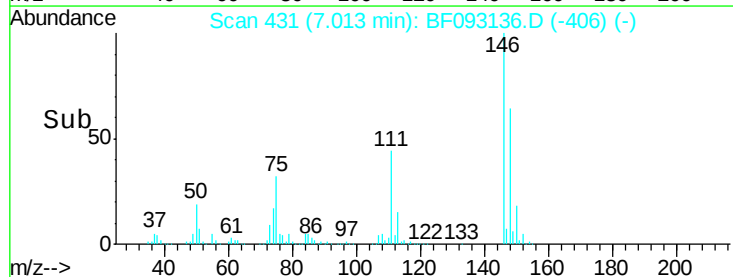
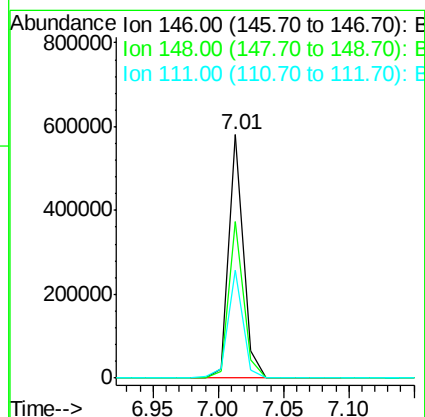
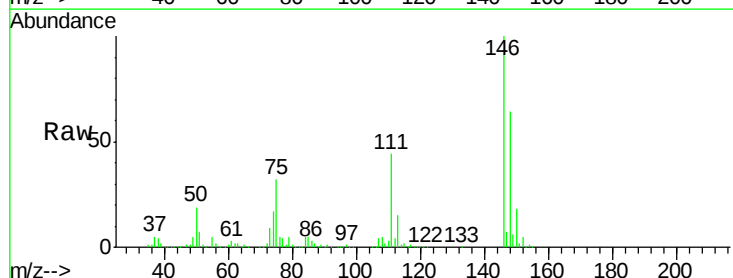
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

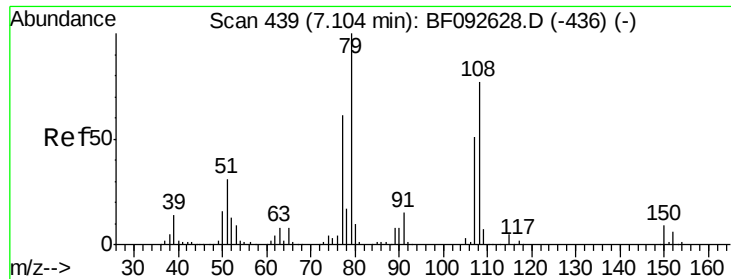
Tgt Ion:146 Resp: 519535
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 39.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.53 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion:146 Resp: 462272
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 44.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 40.10 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

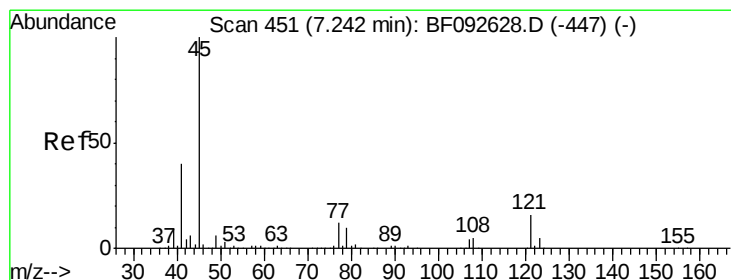
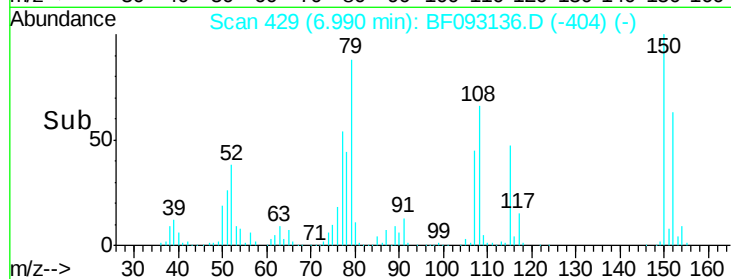
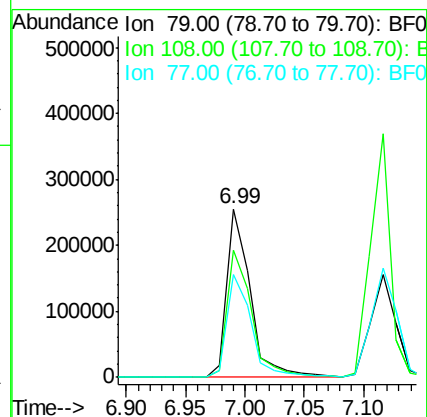
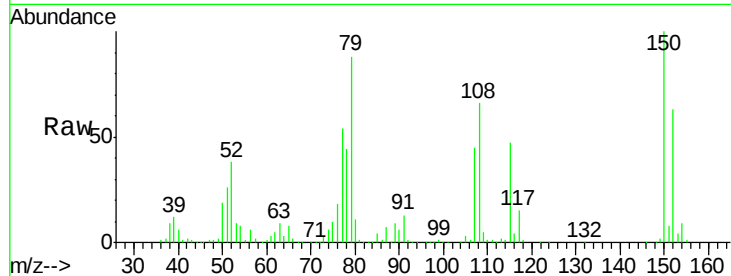
Tgt Ion: 79 Resp: 348398

Ion Ratio Lower Upper

79 100

108 75.1 61.4 92.0

77 61.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.45 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

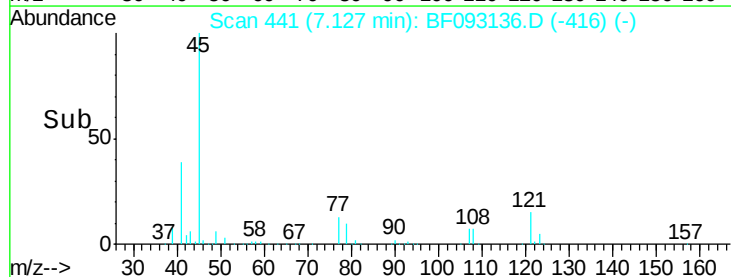
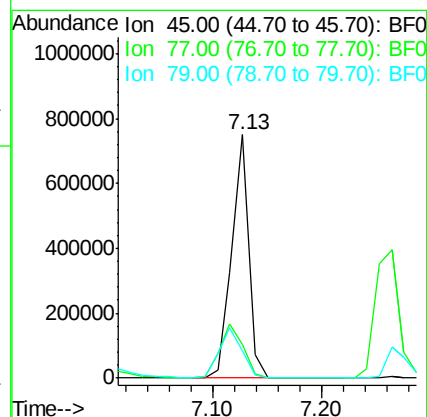
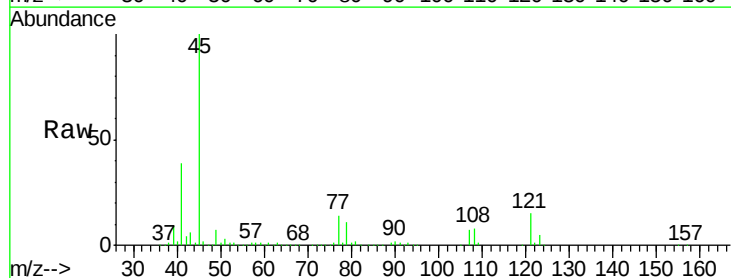
Tgt Ion: 45 Resp: 808248

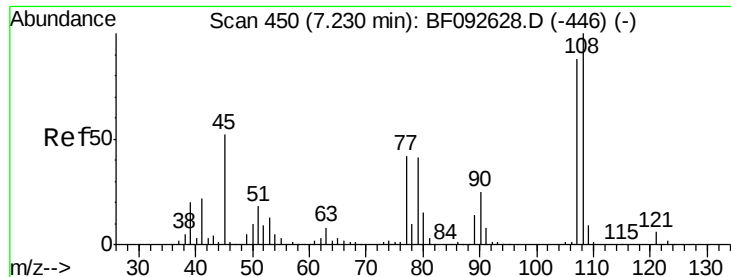
Ion Ratio Lower Upper

45 100

77 13.6 0.0 34.6

79 11.0 0.0 31.2

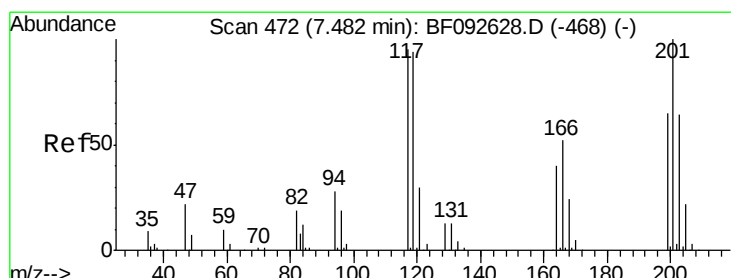
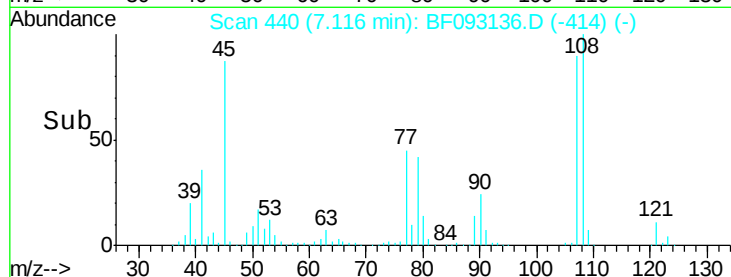
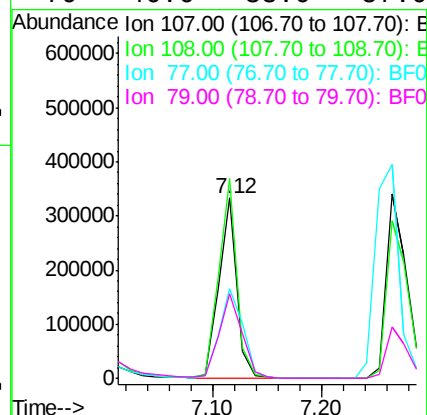
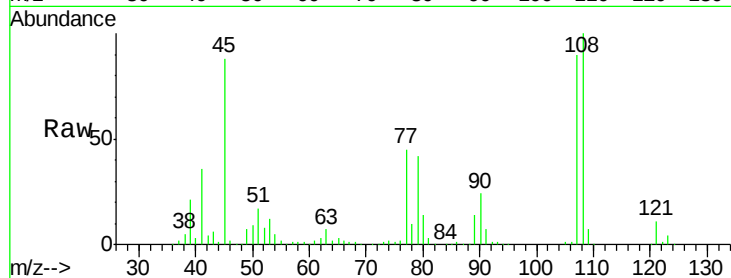




#17
2-Methylphenol
Concen: 44.42 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

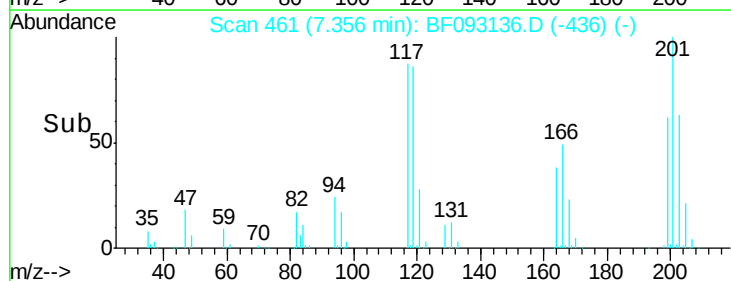
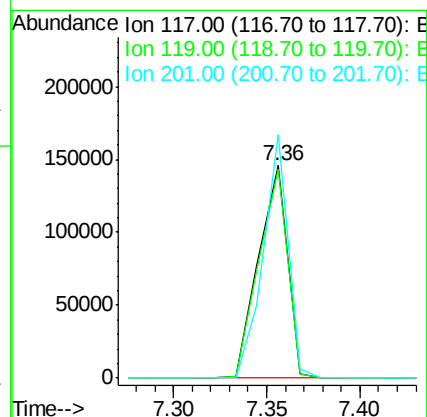
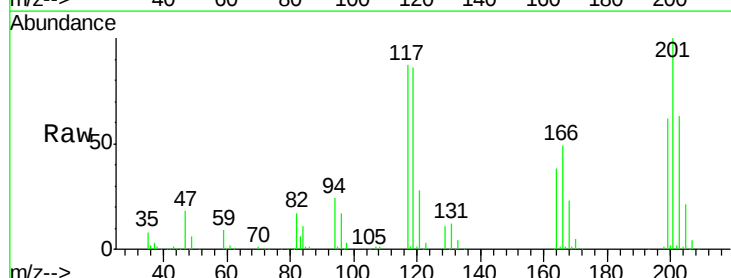
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

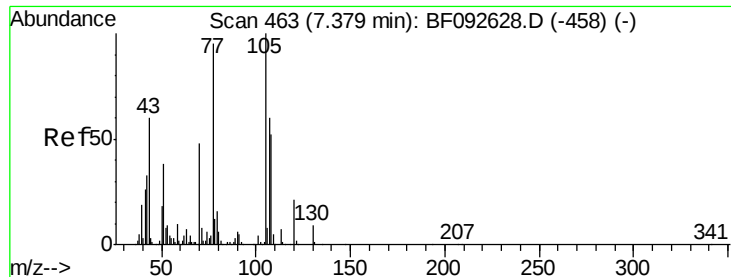
Tgt Ion:	107	Resp:	383492
Ion	Ratio	Lower	Upper
107	100		
108	110.8	93.0	139.6
77	49.8	39.8	59.8
79	46.6	38.0	57.0



#18
Hexachloroethane
Concen: 38.23 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:	117	Resp:	155672
Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.1	117.1
201	114.5	78.6	117.8

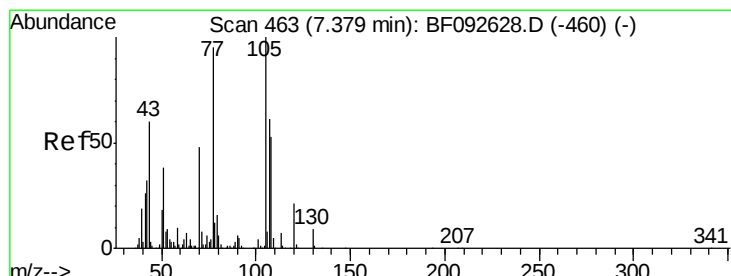
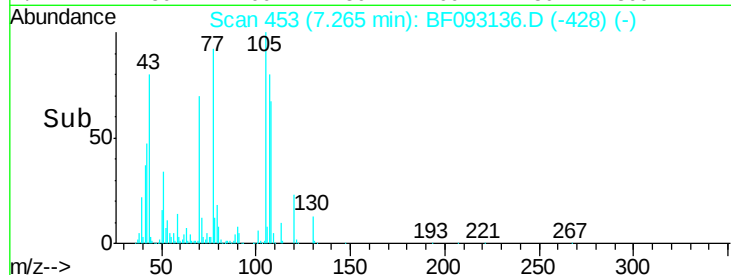
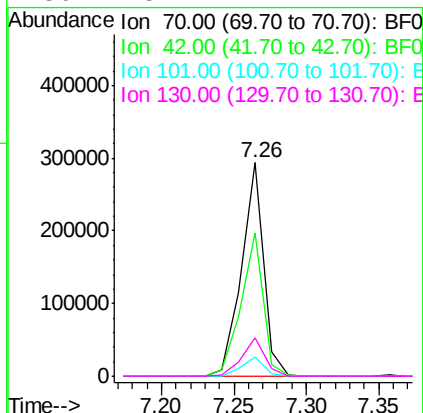
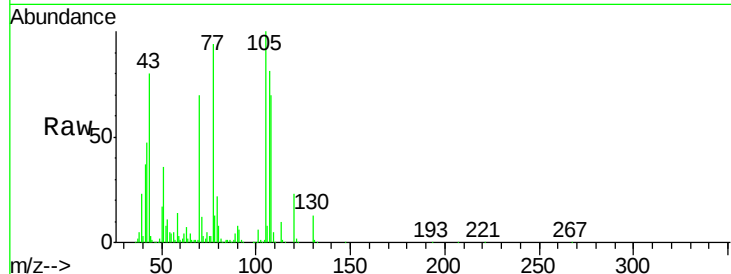




#19
n-Nitroso-di-n-propylamine
Concen: 41.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

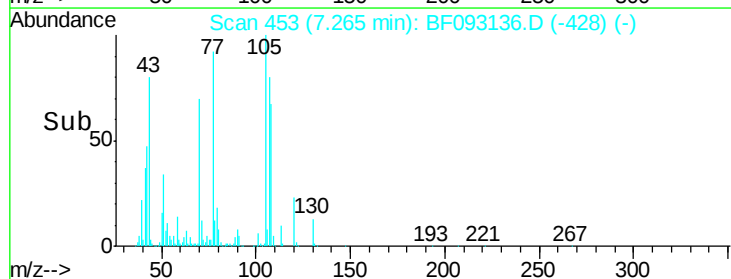
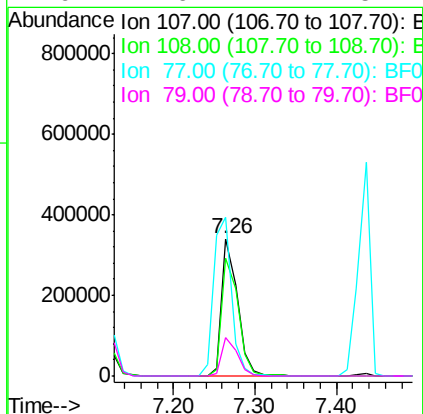
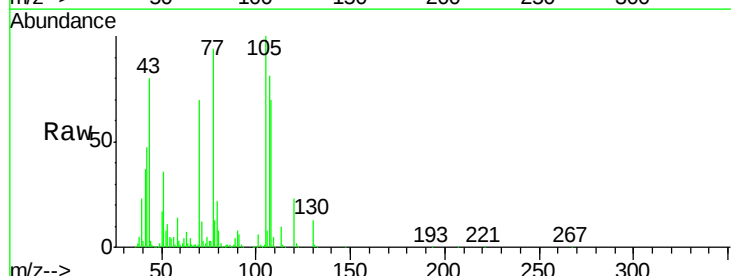
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

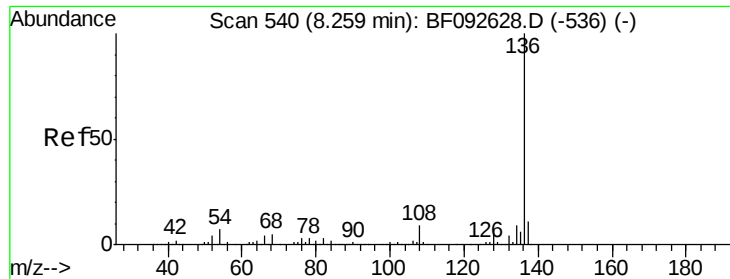
Tgt Ion: 70 Resp: 310684
Ion Ratio Lower Upper
70 100
42 67.2 49.4 74.0
101 9.0 7.4 11.2
130 18.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 44.04 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 107 Resp: 454605
Ion Ratio Lower Upper
107 100
108 85.8 73.0 113.0
77 115.9 71.3 111.3#
79 27.6 11.1 51.1

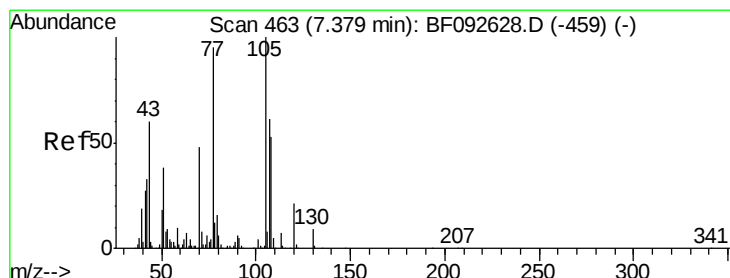
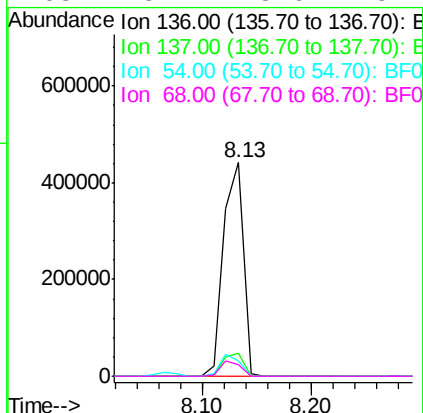
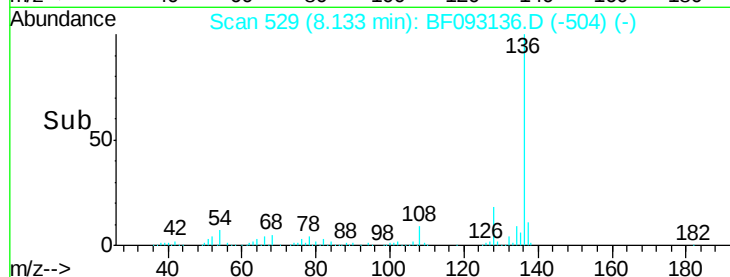
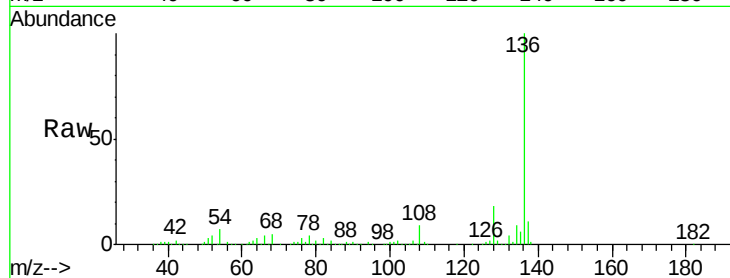




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

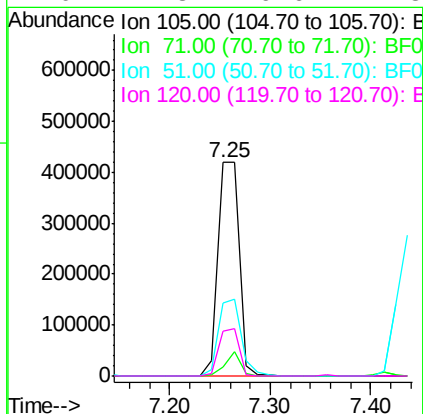
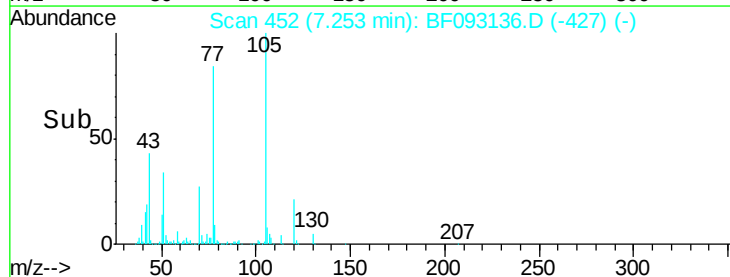
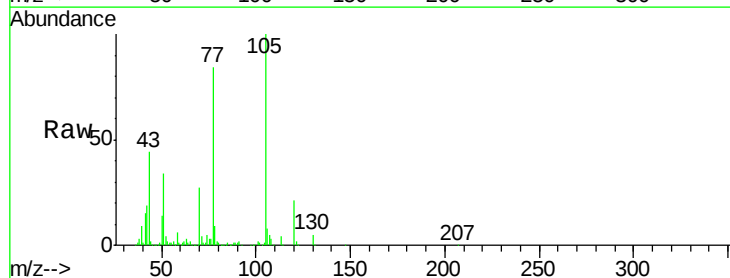
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

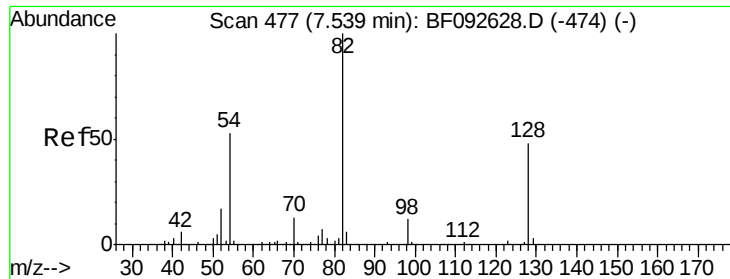
Tgt Ion:	136	Resp:	561234
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.2	4.5	6.7#
68	5.4	3.6	5.4#



#22
Acetophenone
Concen: 47.91 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:	105	Resp:	613875
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.2	4.8
51	34.4	26.2	39.4
120	21.3	16.6	24.8

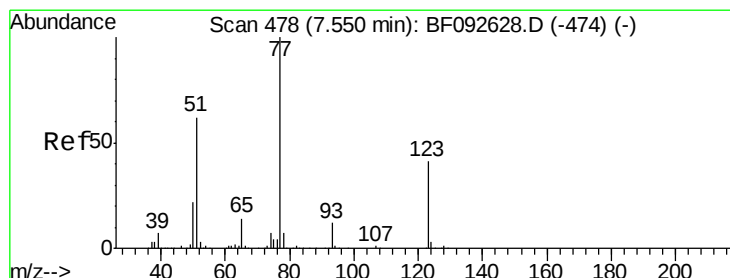
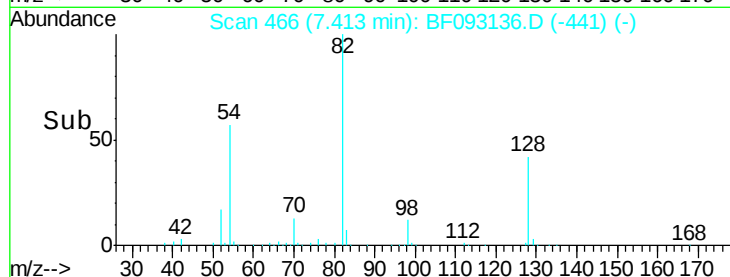
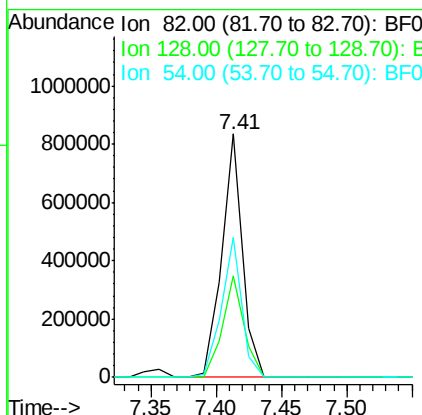
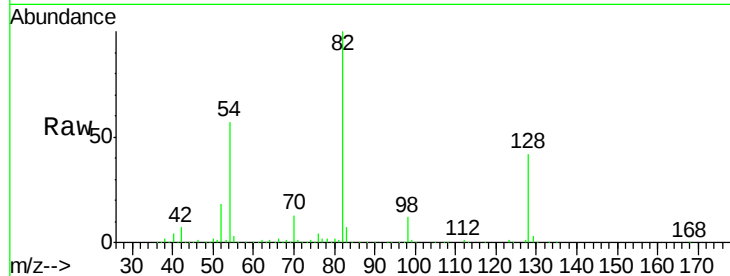




#23
 Nitrobenzene-d5
 Concen: 91.72 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

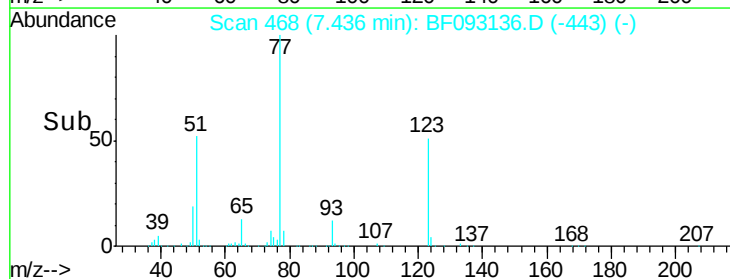
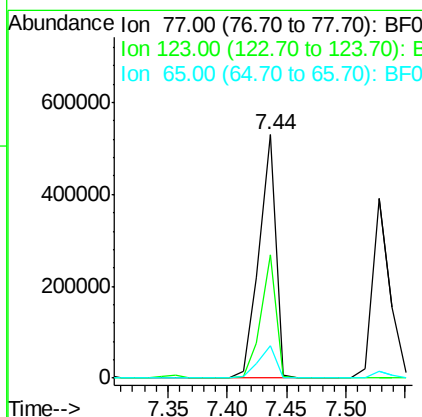
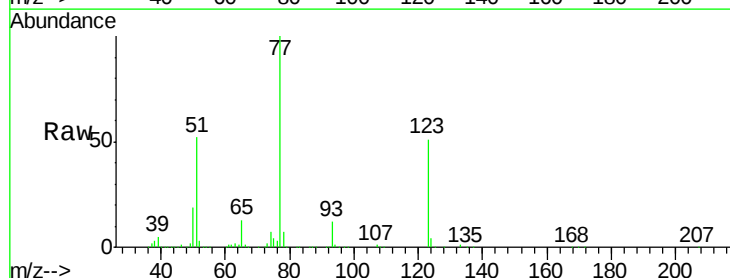
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

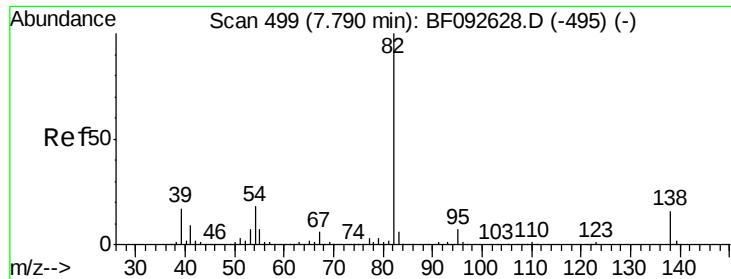
Tgt Ion: 82 Resp: 924356
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 52.0
 54 57.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 51.07 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion: 77 Resp: 528470
 Ion Ratio Lower Upper
 77 100
 123 50.8 33.0 49.4#
 65 13.1 11.2 16.8





#25

Isophorone

Concen: 48.53 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

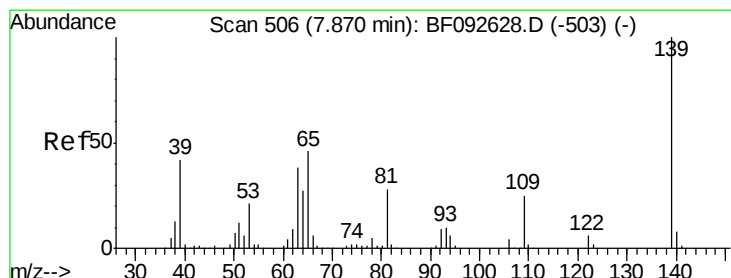
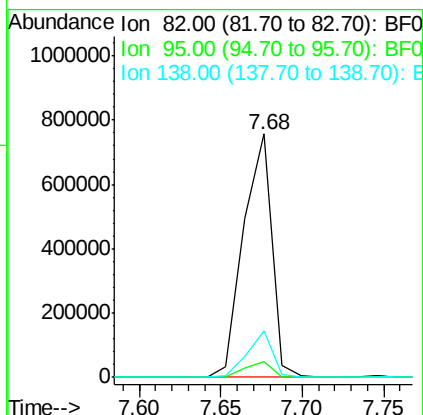
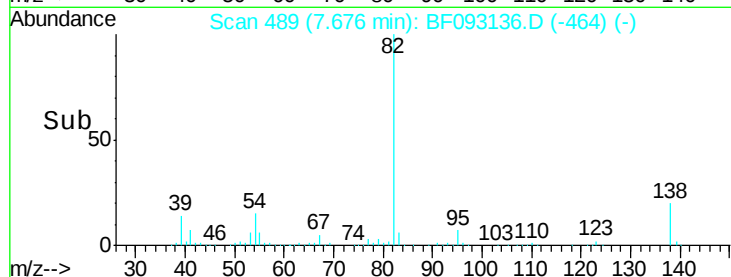
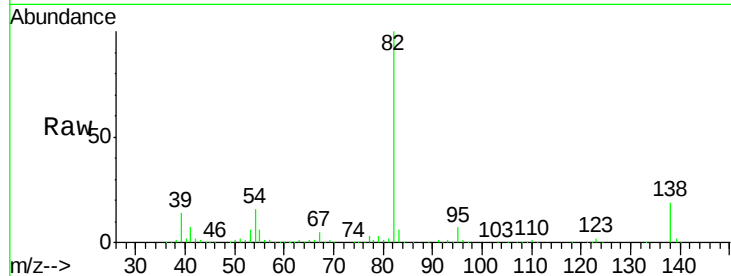
Tgt Ion: 82 Resp: 911478

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 19.2 14.6 22.0



#26

2-Nitrophenol

Concen: 42.55 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

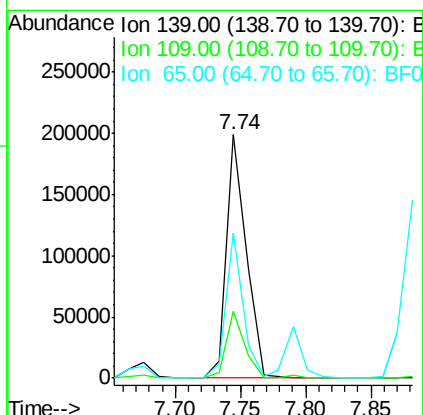
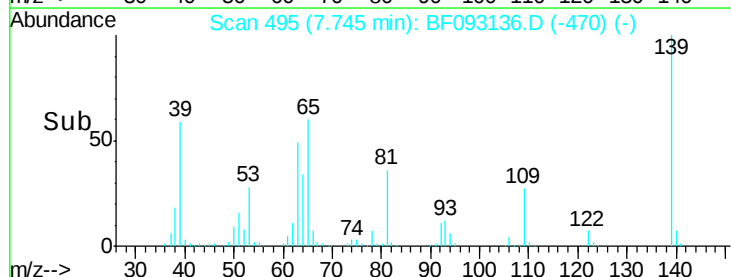
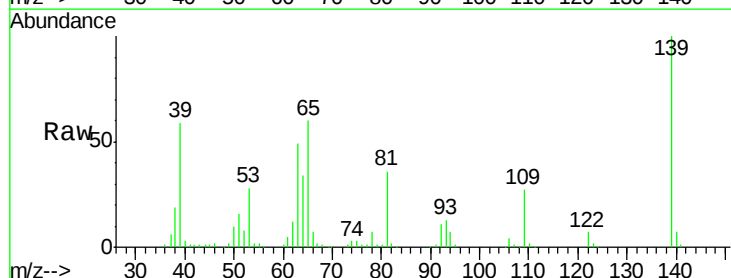
Tgt Ion: 139 Resp: 209332

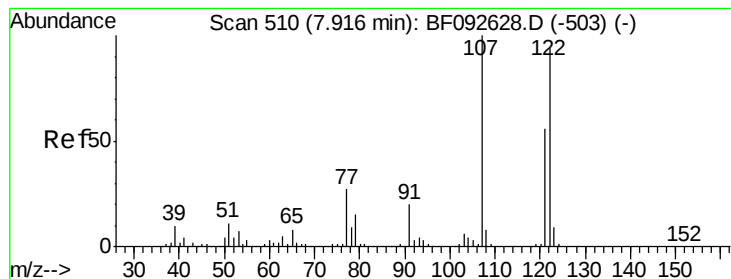
Ion Ratio Lower Upper

139 100

109 27.3 23.3 34.9

65 59.8 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 45.81 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

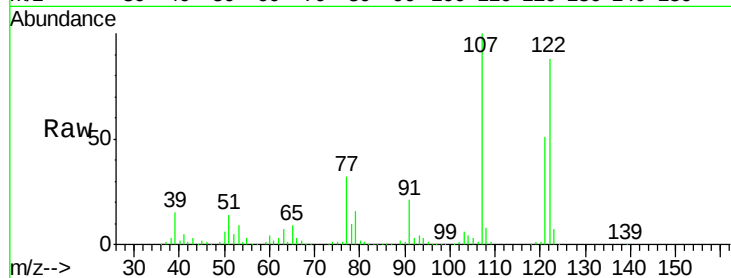
Tgt Ion:122 Resp: 395787

Ion Ratio Lower Upper

122 100

107 114.1 94.1 141.1

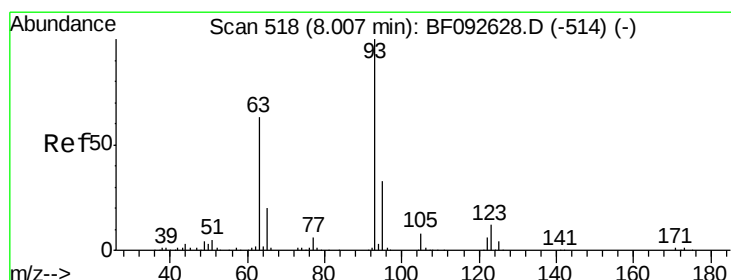
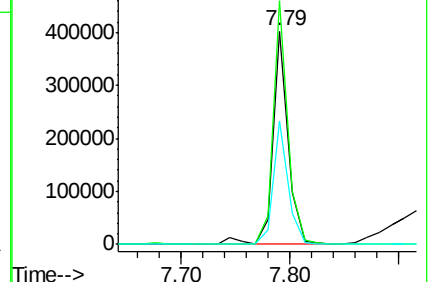
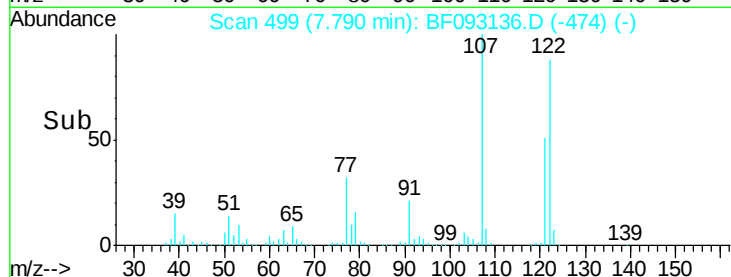
121 57.9 46.0 69.0



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: 46.62 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

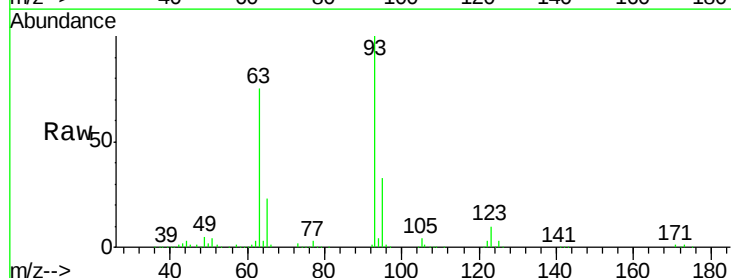
Tgt Ion: 93 Resp: 579842

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

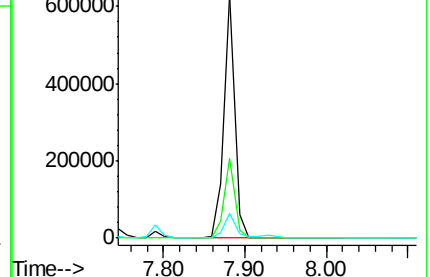
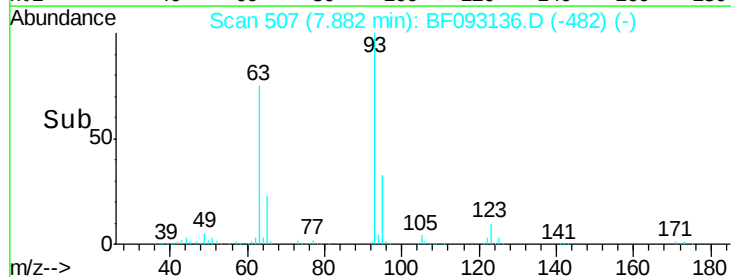
123 10.1 8.6 13.0

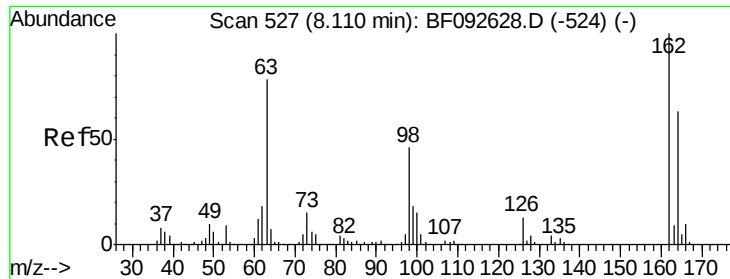


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

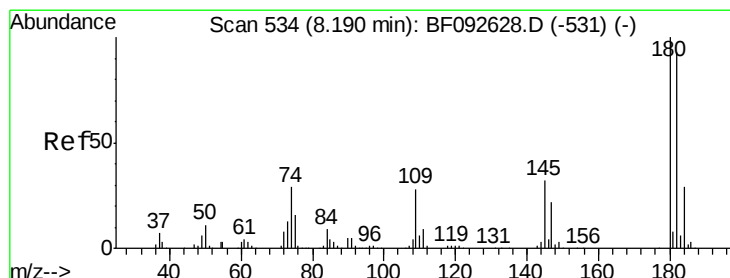
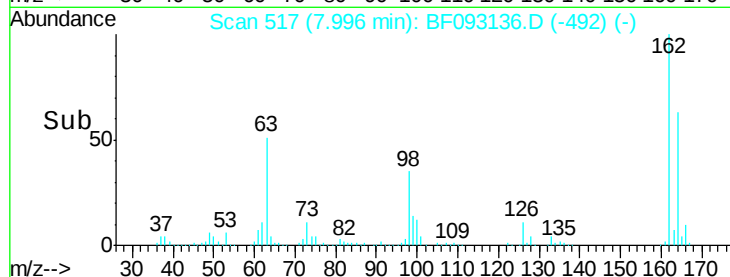
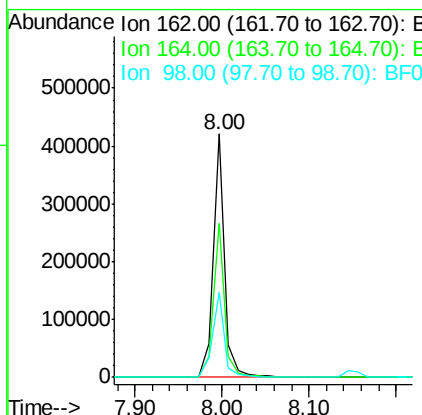
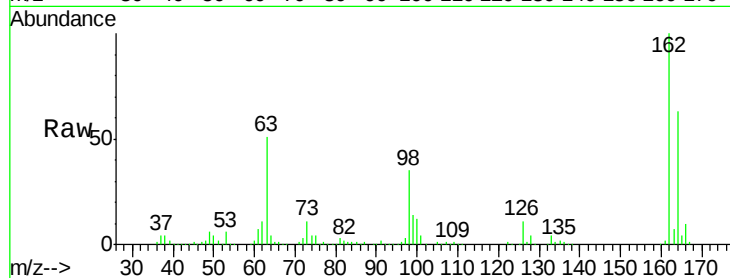




#29
2,4-Dichlorophenol
Concen: 47.53 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

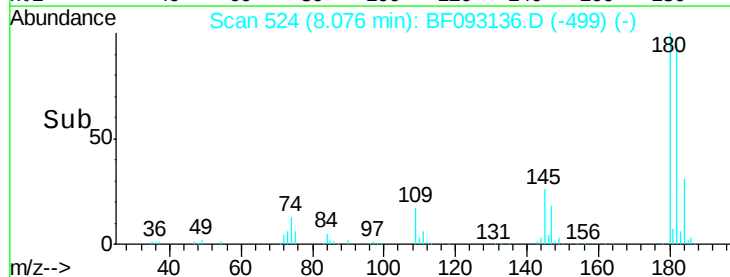
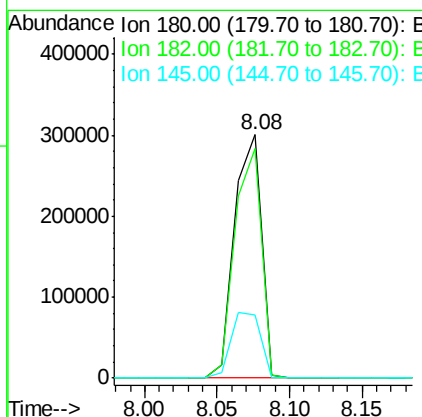
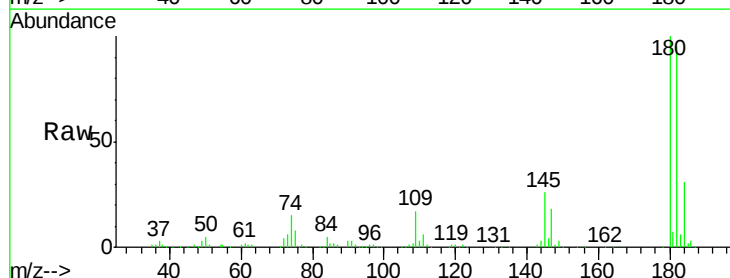
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

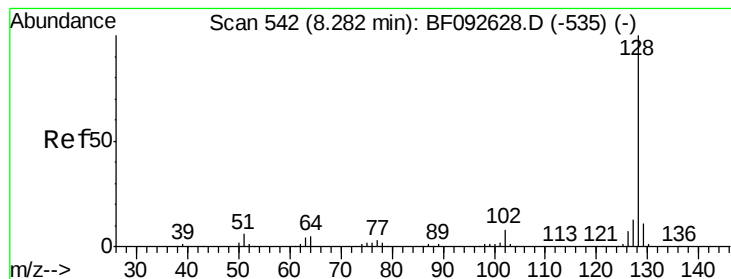
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	46.8	86.8
98	34.8	9.1	49.1



#30
1,2,4-Trichlorobenzene
Concen: 44.75 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.2	117.4
145	26.1	21.6	32.4





#31

Naphthalene

Concen: 43.05 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

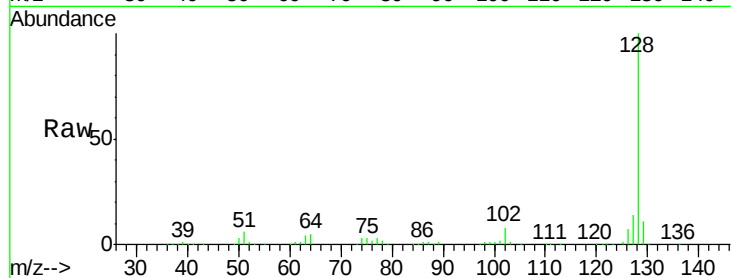
Tgt Ion:128 Resp: 1224805

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

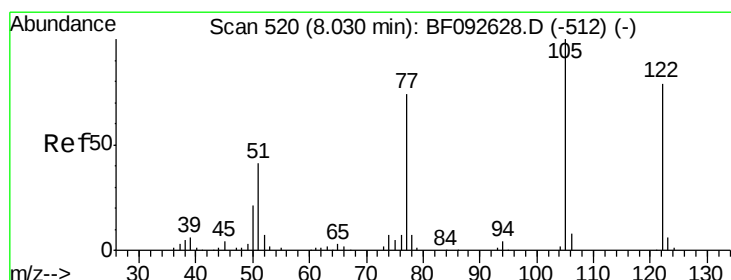
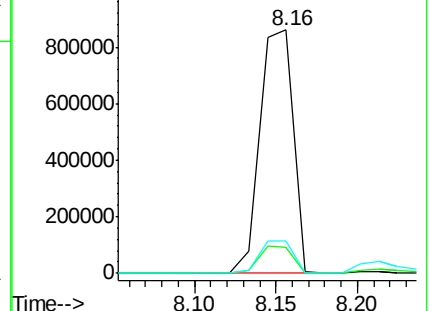
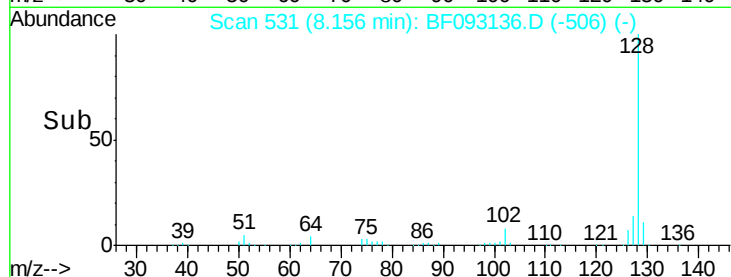
127 13.6 10.8 16.2



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: 49.31 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

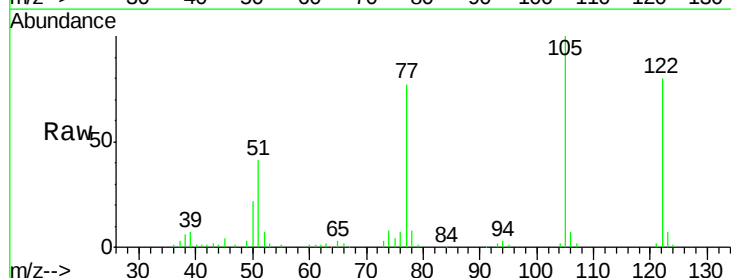
Tgt Ion:122 Resp: 242522

Ion Ratio Lower Upper

122 100

105 124.4 107.2 147.2

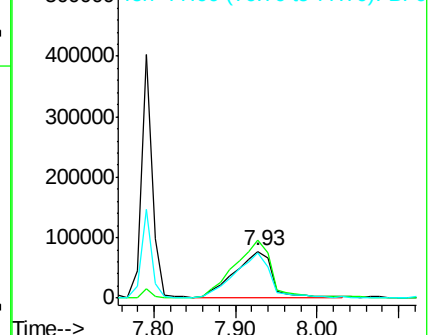
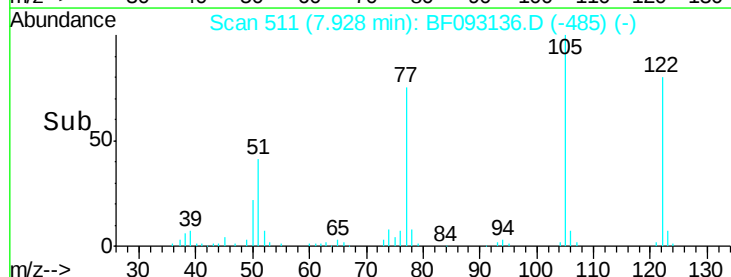
77 95.3 74.5 114.5

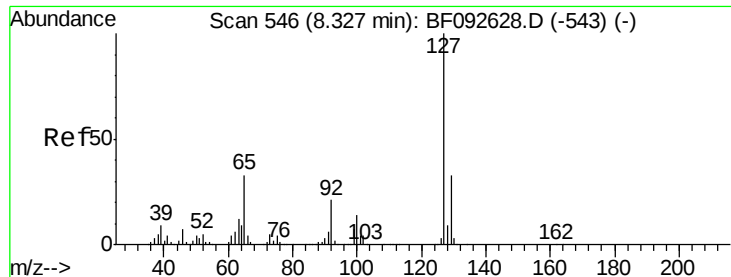


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

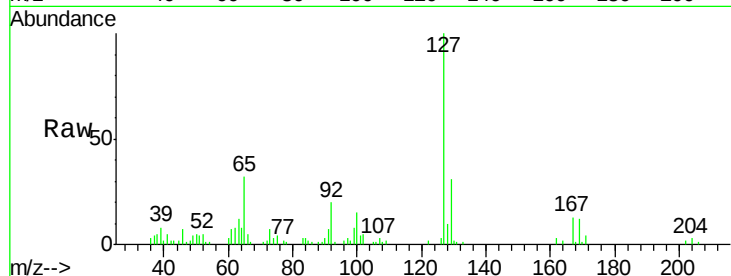




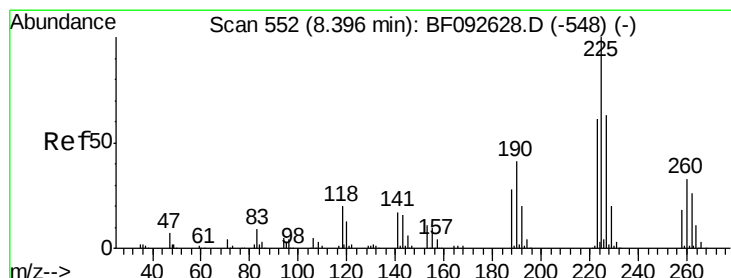
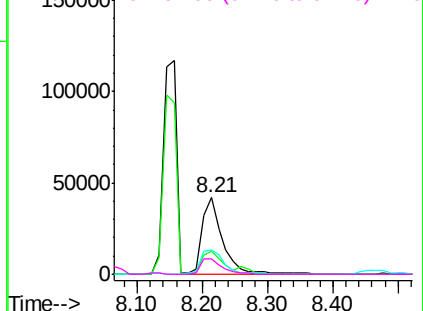
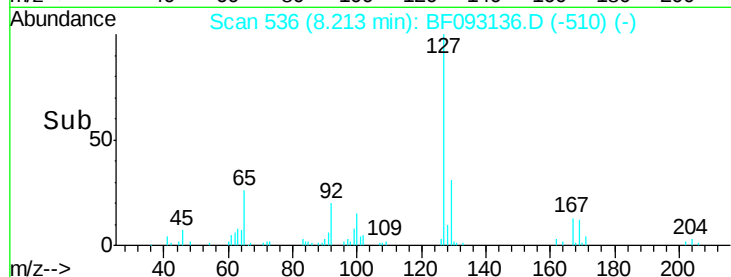
#33
4-Chloroaniline
Concen: 8.15 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

Tgt Ion:	127	Resp:	90982
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.3	39.5
65	31.9	25.8	38.8
92	19.6	16.1	24.1

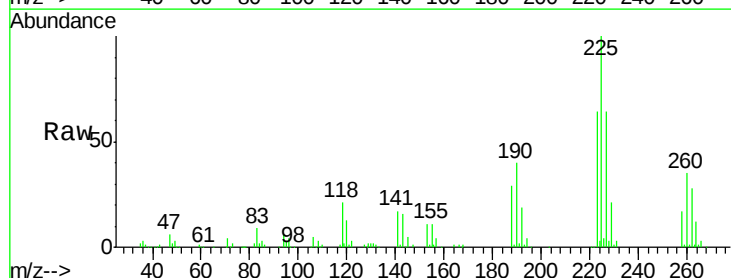


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

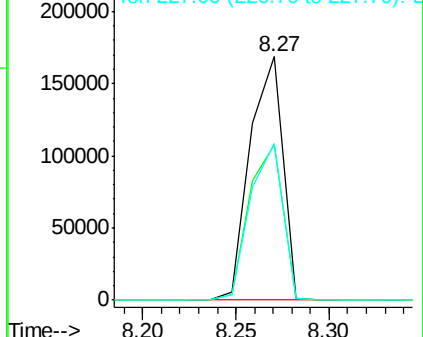
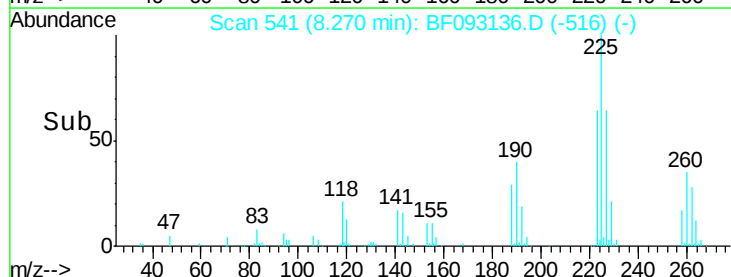


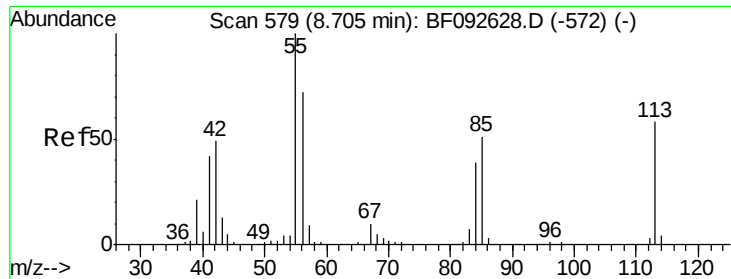
#34
Hexachlorobutadiene
Concen: 42.84 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:	225	Resp:	204678
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	64.4	50.6	76.0



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

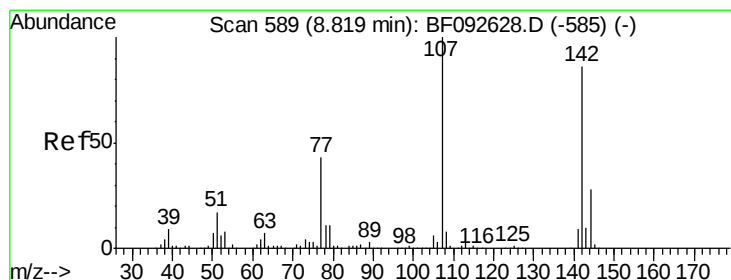
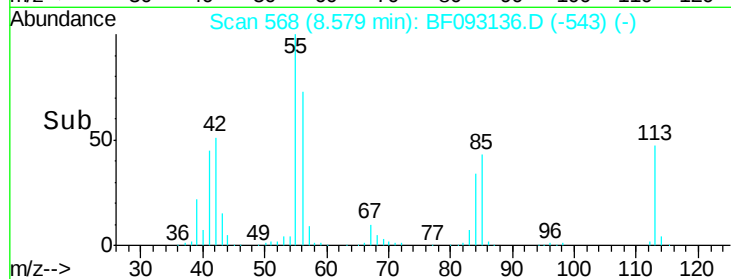
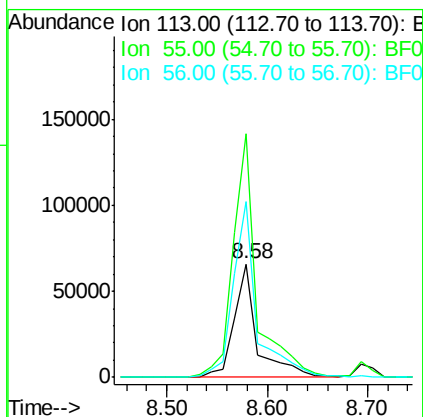
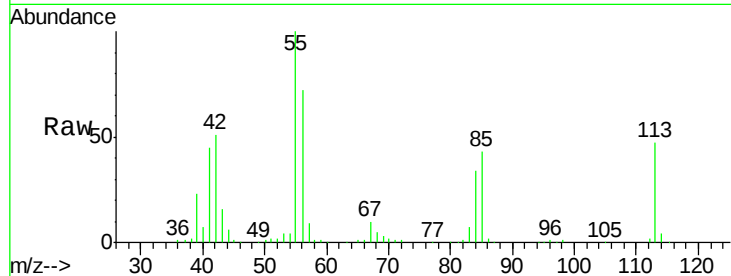




#35
 Caprolactam
 Concen: 40.76 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

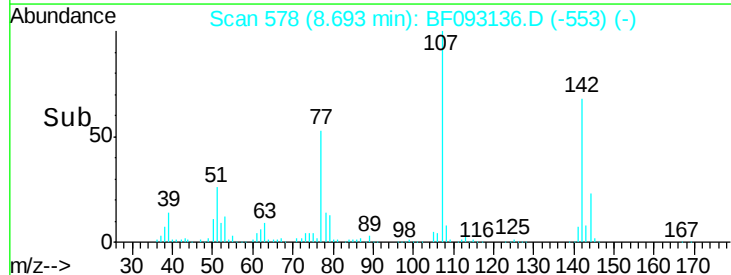
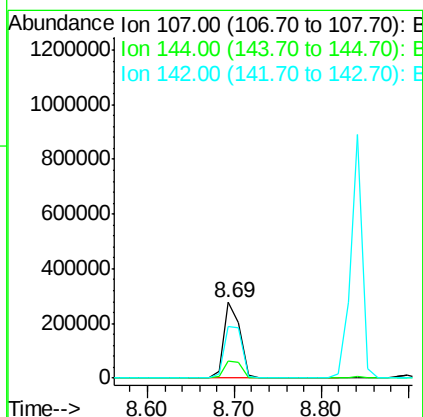
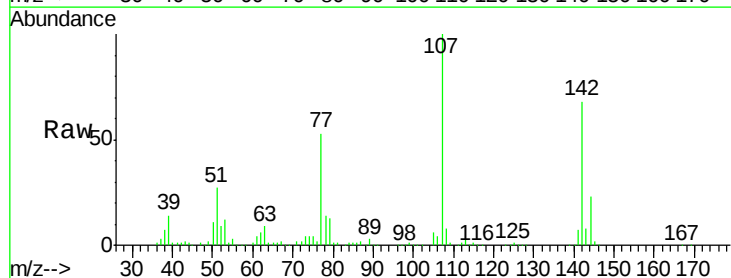
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

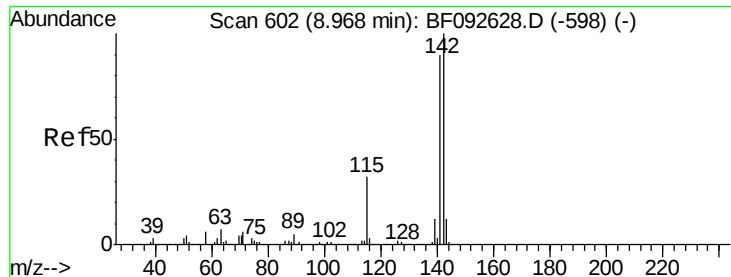
Tgt Ion:113 Resp: 103297
 Ion Ratio Lower Upper
 113 100
 55 215.0 119.2 159.2#
 56 155.7 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.85 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion:107 Resp: 359943
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.3 28.9
 142 68.5 59.0 88.6

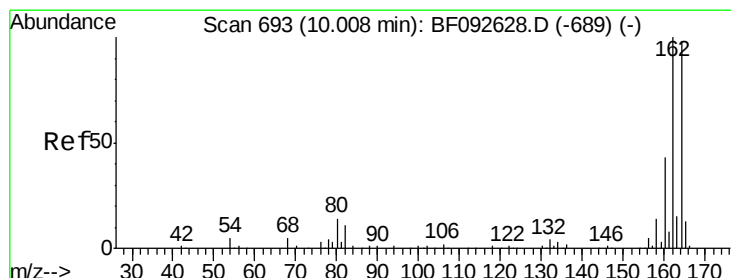
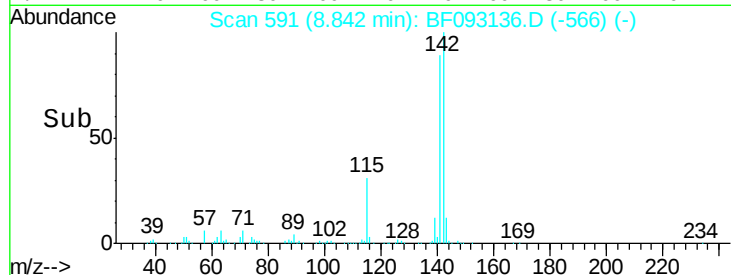
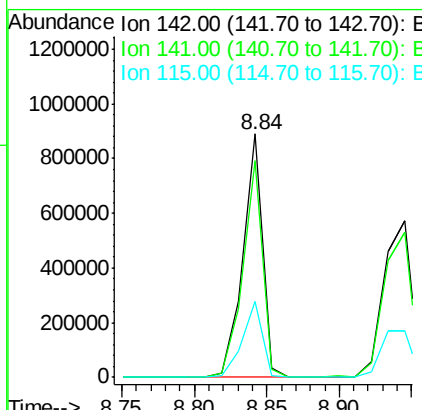
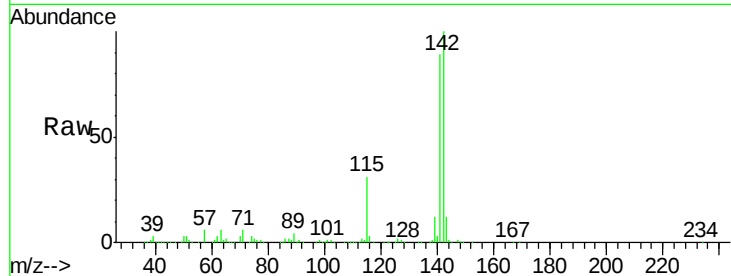




#37
2-Methylnaphthalene
Concen: 45.88 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

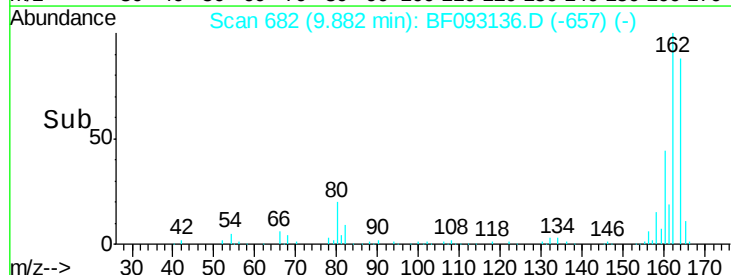
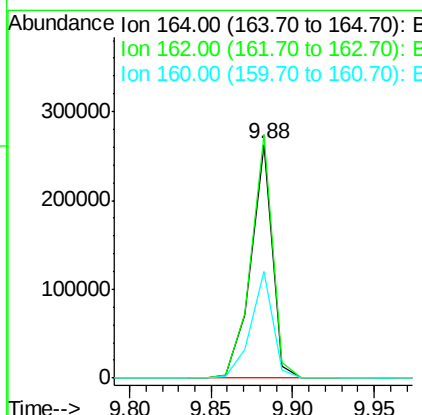
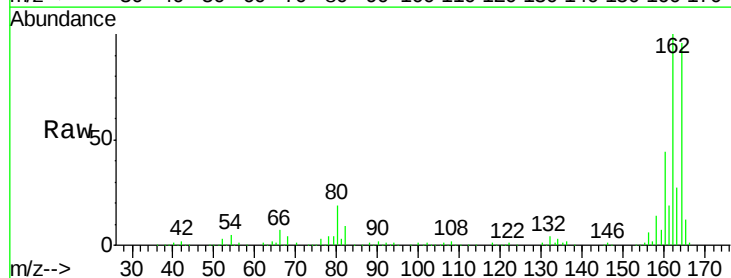
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

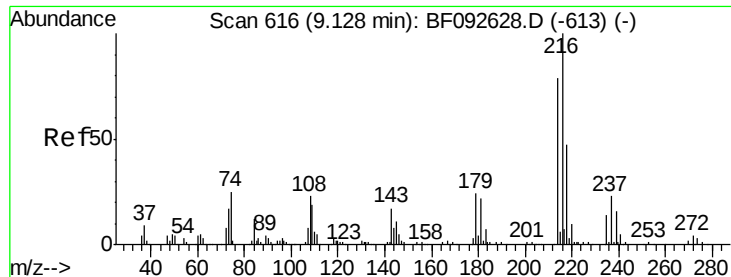
Tgt Ion:142 Resp: 838119
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 31.5 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:164 Resp: 241408
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 45.9 36.9 55.3

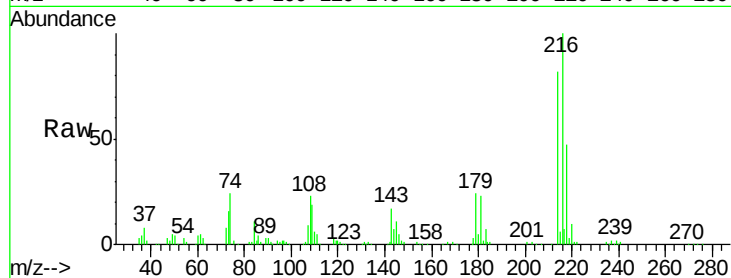




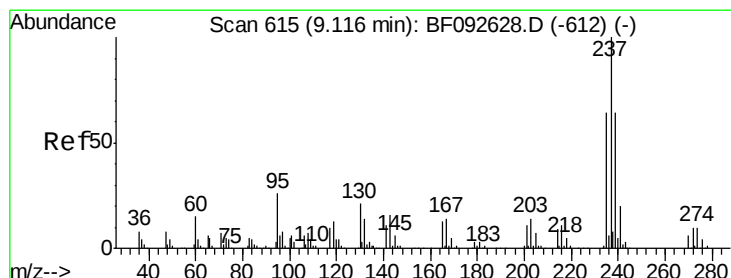
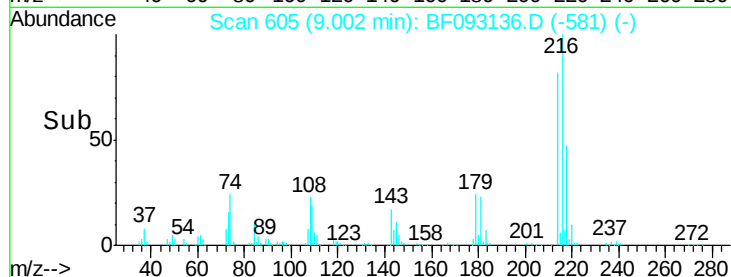
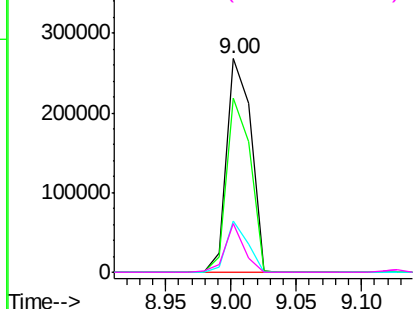
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.29 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

Tgt Ion:	216	Resp:	347548
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.0
179	20.8	17.4	26.2
108	17.9	15.6	23.4

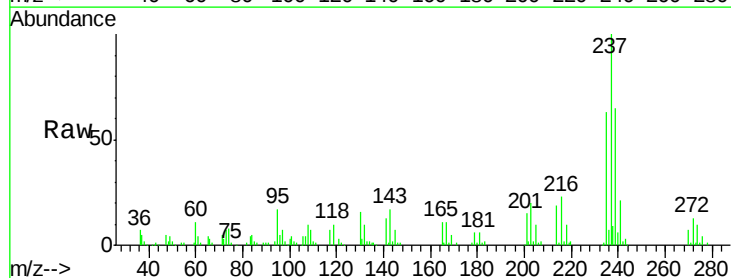


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

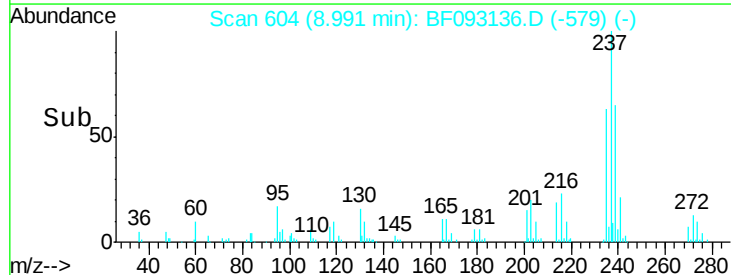
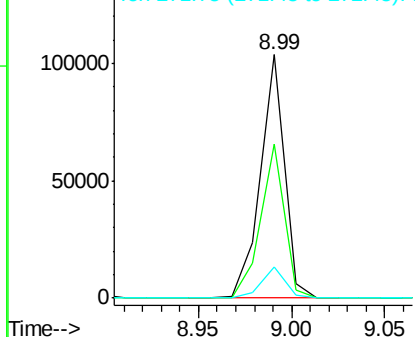


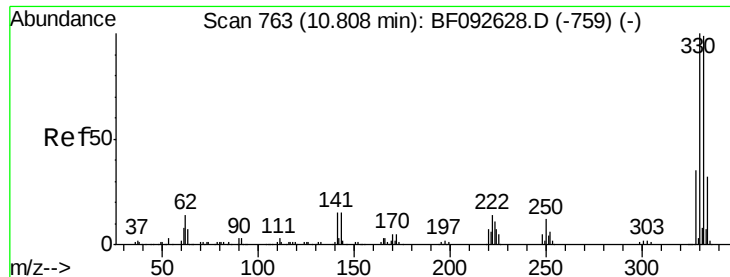
#40
 Hexachlorocyclopentadiene
 Concen: 30.15 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion:	237	Resp:	92176
Ion	Ratio	Lower	Upper
237	100		
235	63.1	41.2	81.2
272	12.9	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

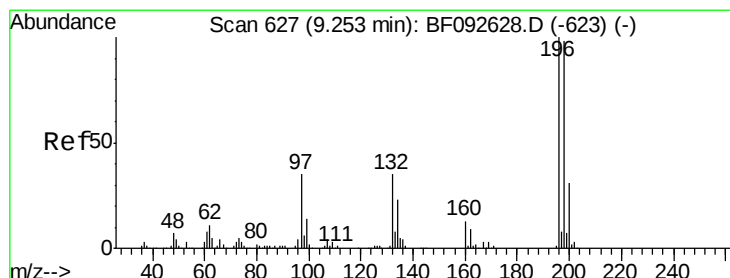
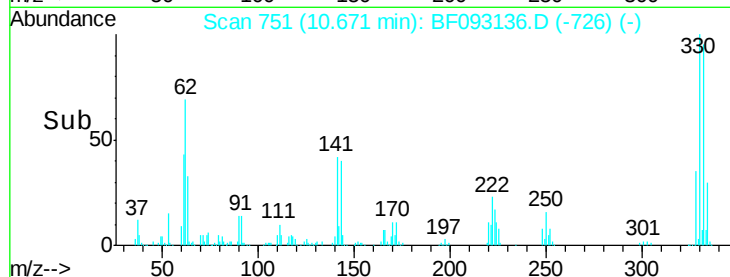
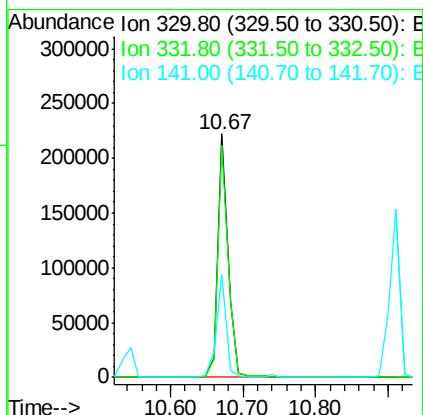
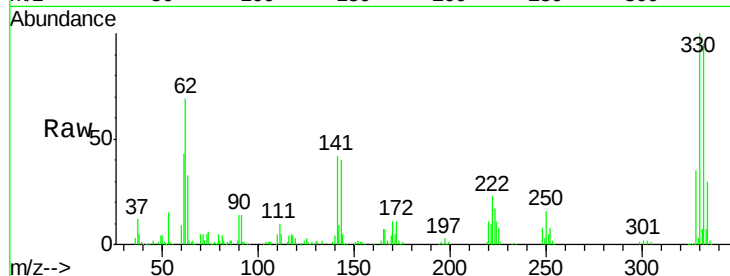




#41
 2,4,6-Tribromophenol
 Concen: 125.89 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

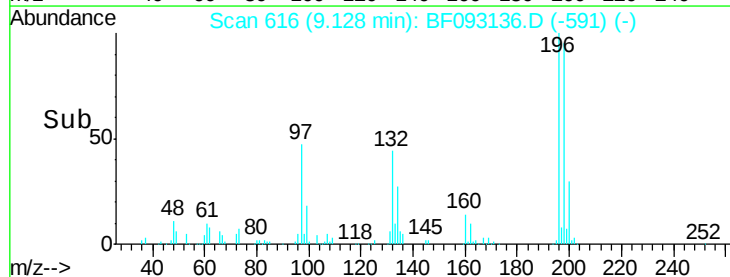
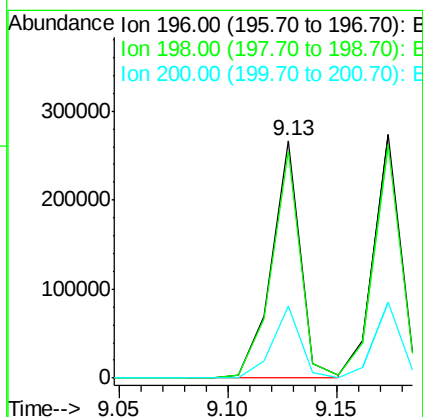
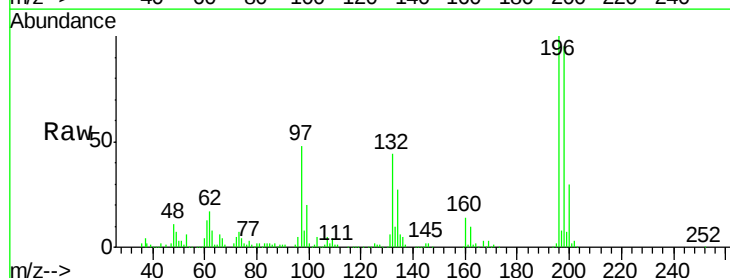
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

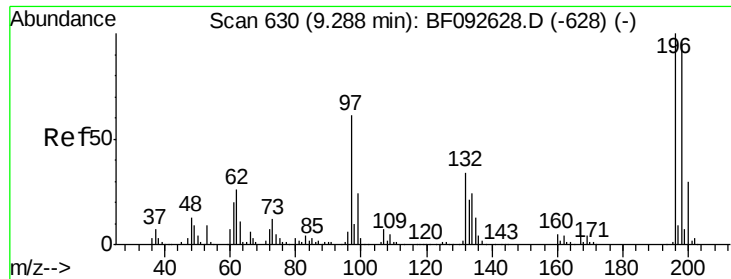
Tgt Ion:330 Resp: 219814
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.7 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 55.54 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion:196 Resp: 247285
 Ion Ratio Lower Upper
 196 100
 198 95.4 82.1 123.1
 200 30.2 27.0 40.4

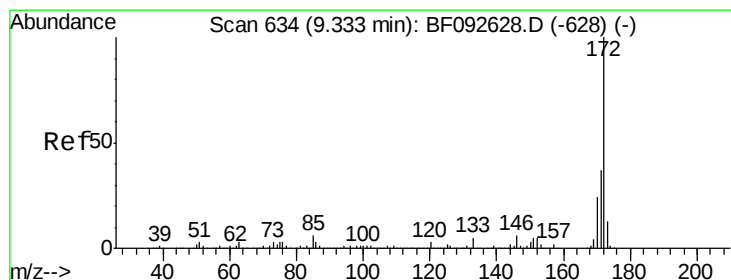
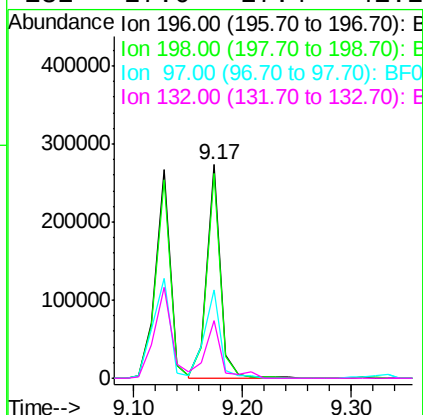
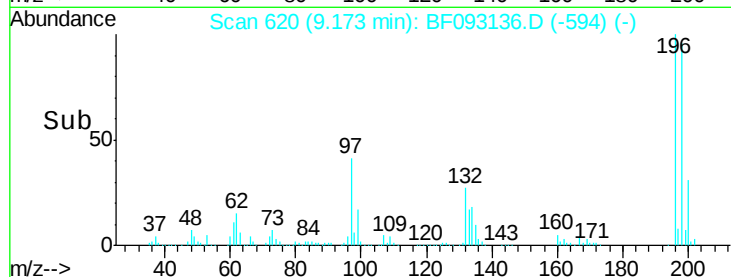
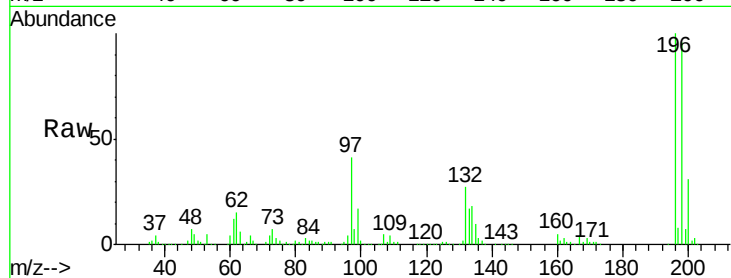




#43
 2,4,5-Trichlorophenol
 Concen: 49.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

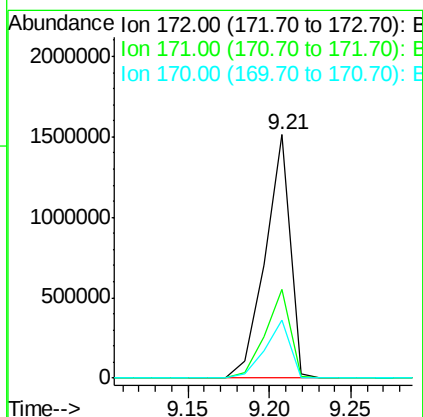
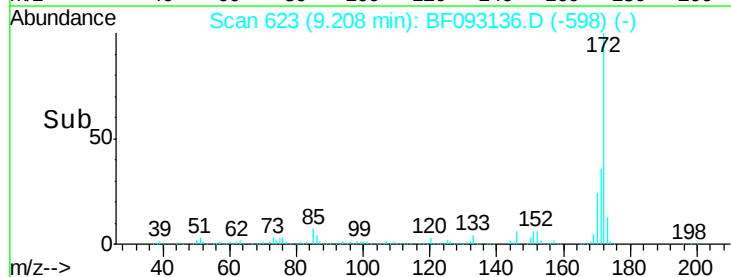
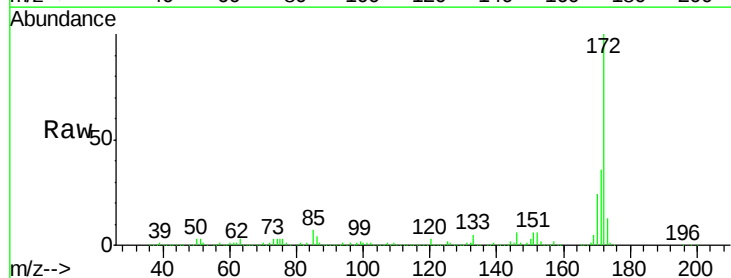
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

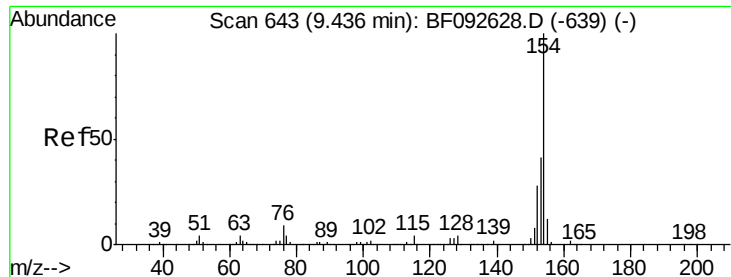
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.4	119.2
97	41.3	51.5	77.3#
132	27.0	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 120.79 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.1	20.2	30.4





#45

1,1'-Biphenyl

Concen: 54.09 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

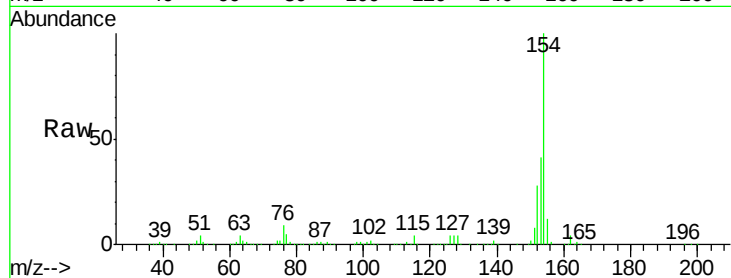
Tgt Ion:154 Resp: 945470

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

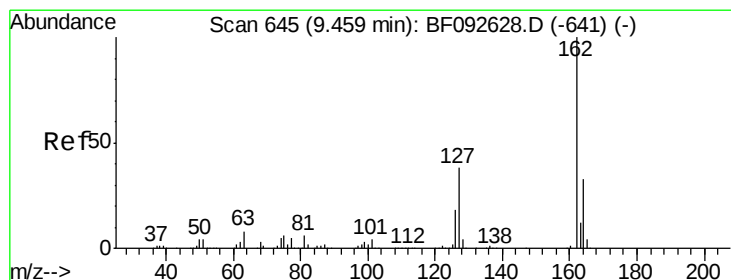
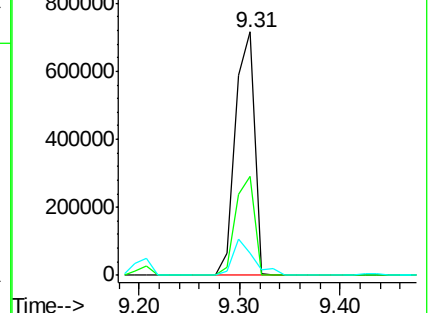
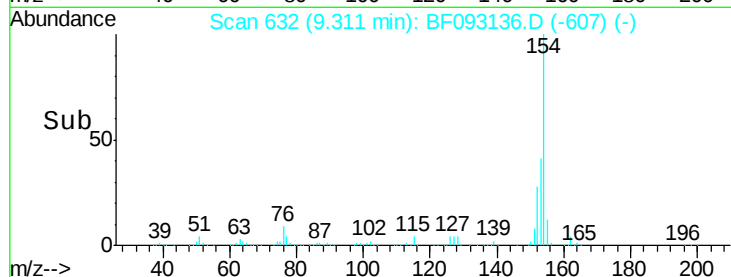
76 9.1 0.0 30.5



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: 56.51 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

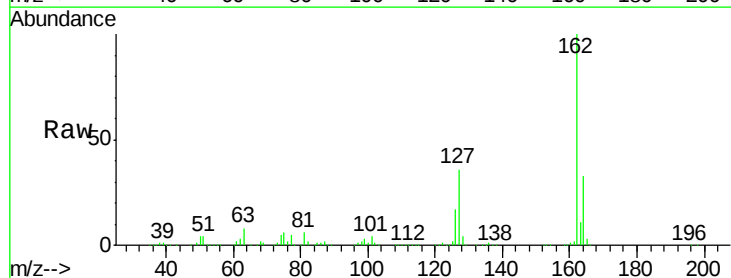
Tgt Ion:162 Resp: 772729

Ion Ratio Lower Upper

162 100

127 36.4 30.7 46.1

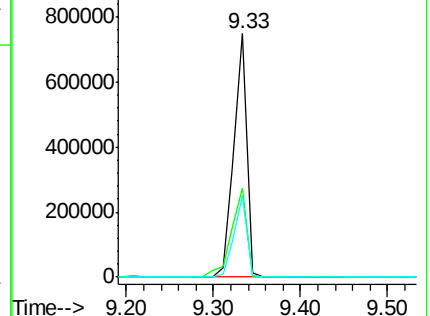
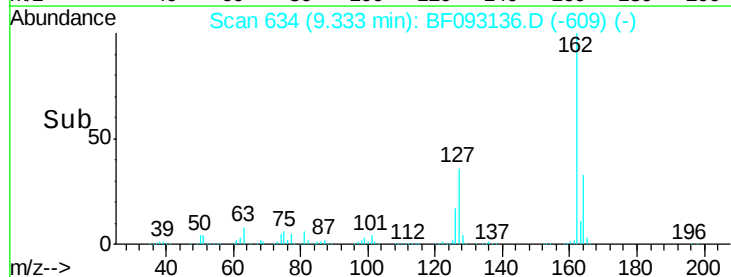
164 33.3 27.6 41.4

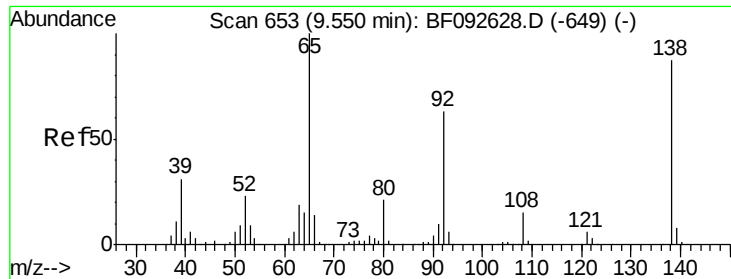


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

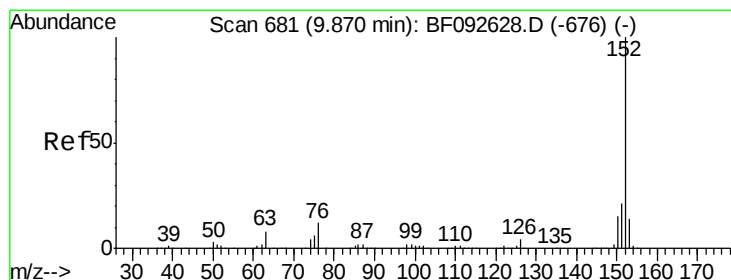
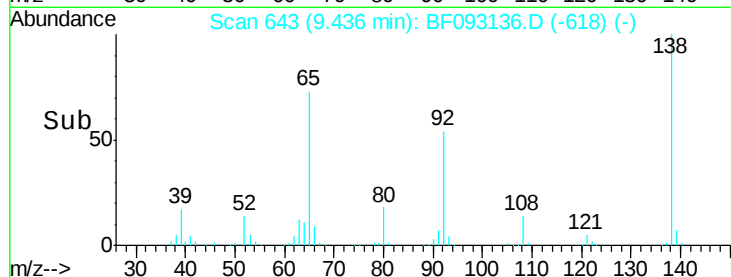
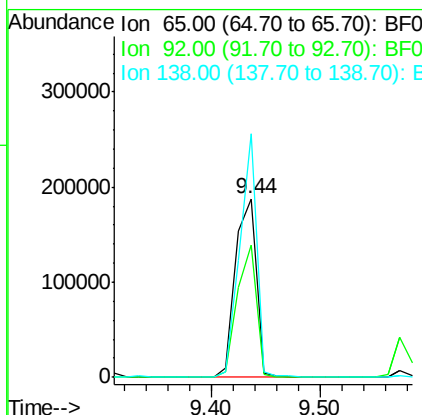
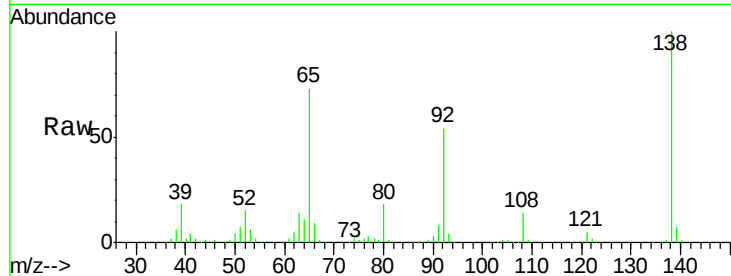




#47
2-Nitroaniline
Concen: 53.74 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

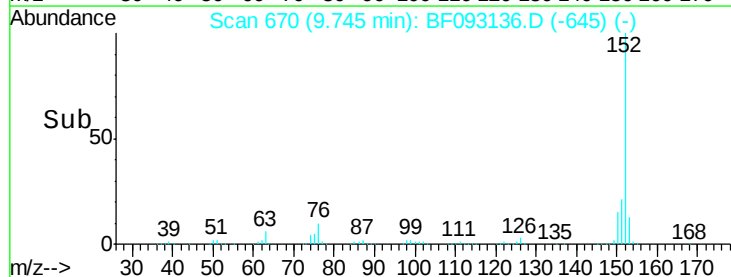
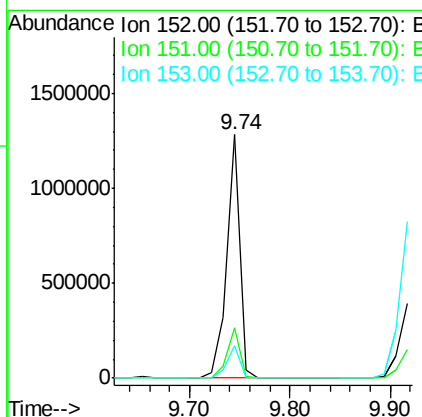
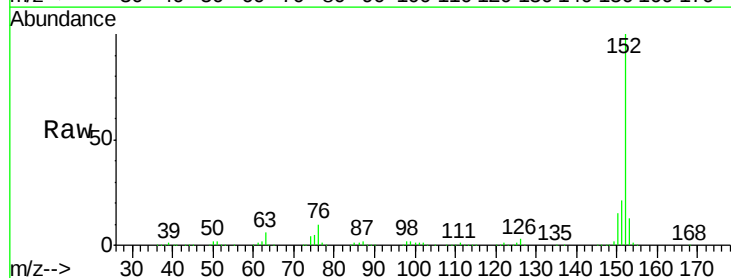
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

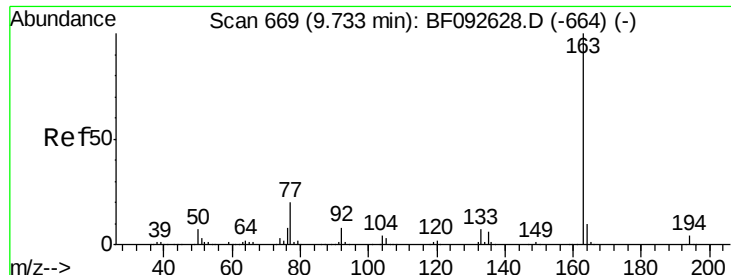
Tgt Ion: 65 Resp: 247074
Ion Ratio Lower Upper
65 100
92 74.2 53.9 80.9
138 136.1 76.8 115.2#



#48
Acenaphthylene
Concen: 48.65 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 152 Resp: 1149377
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.1 11.4 17.2





#49

Dimethylphthalate

Concen: 52.56 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

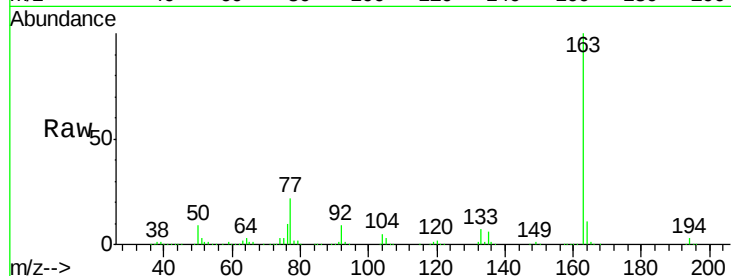
Tgt Ion:163 Resp: 854589

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

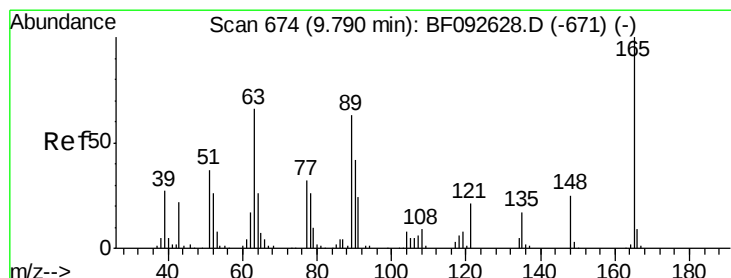
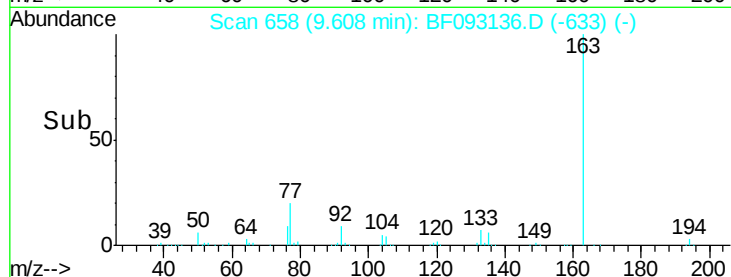
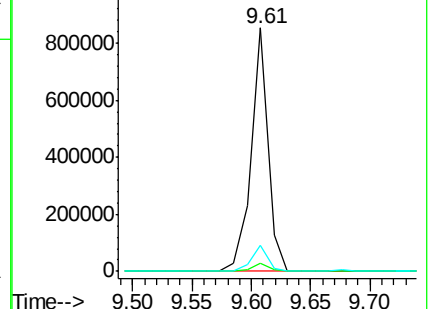
164 10.5 8.0 12.0



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: 55.41 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

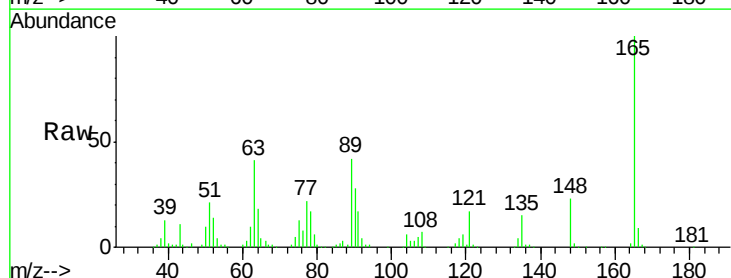
Tgt Ion:165 Resp: 194574

Ion Ratio Lower Upper

165 100

63 40.9 36.2 54.4

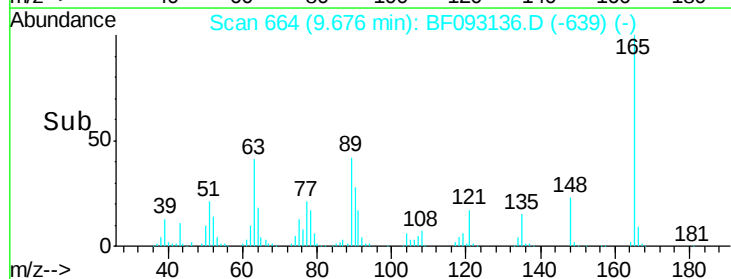
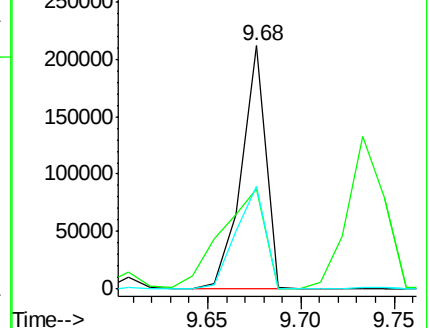
89 42.1 40.2 60.4

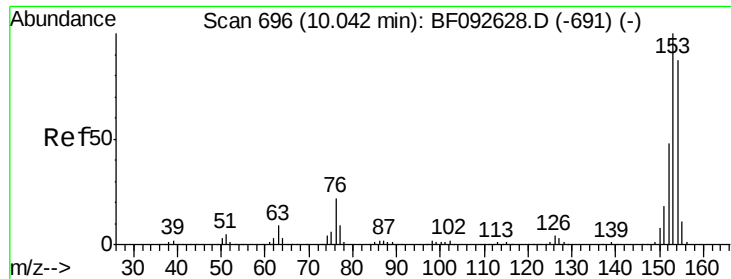


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.29 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

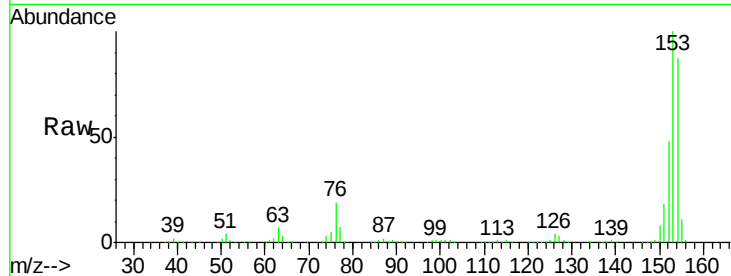
Tgt Ion:154 Resp: 667976

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

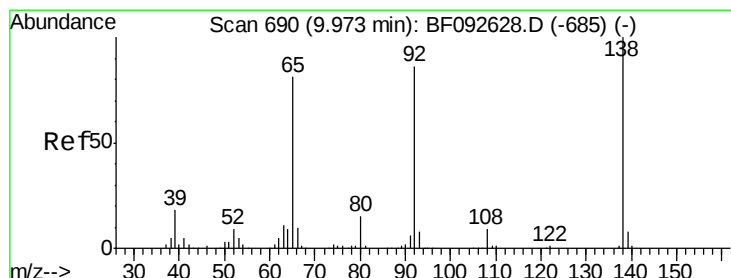
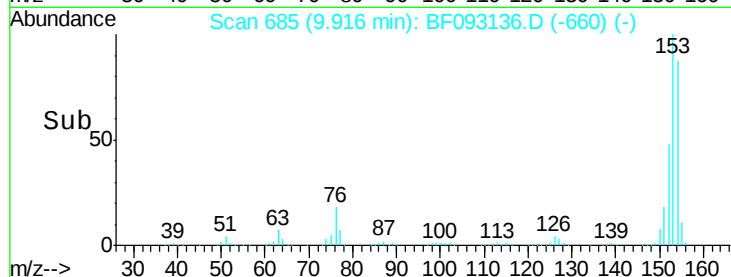
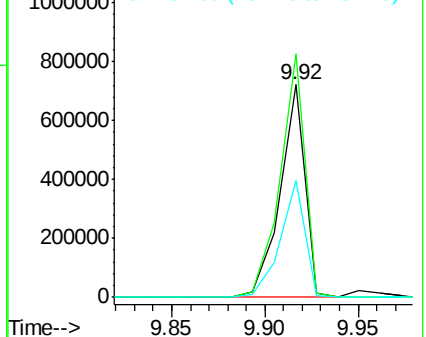
152 54.7 41.6 62.4



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: 23.94 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

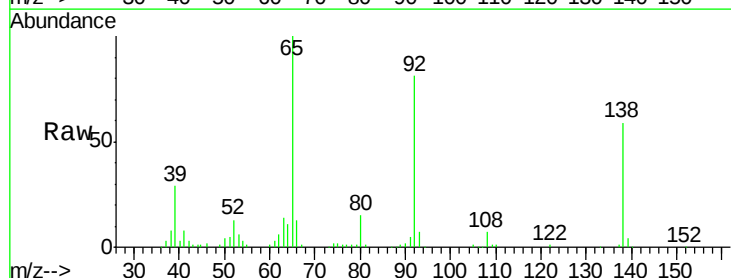
Tgt Ion:138 Resp: 96221

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

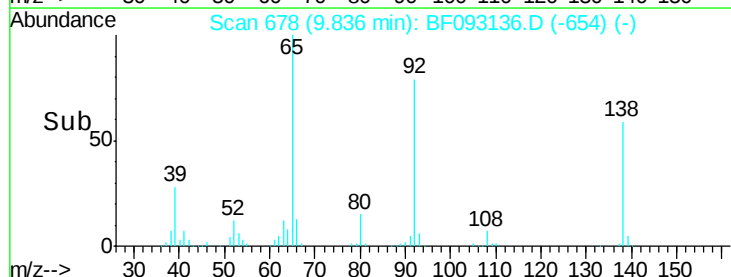
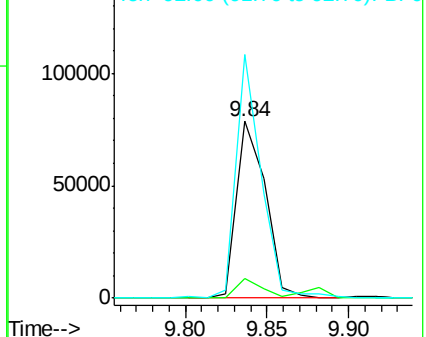
92 138.0 97.8 146.8

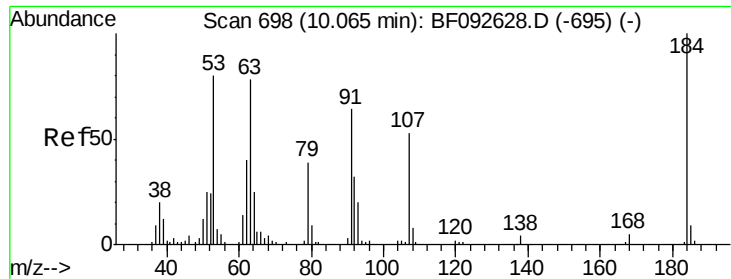


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

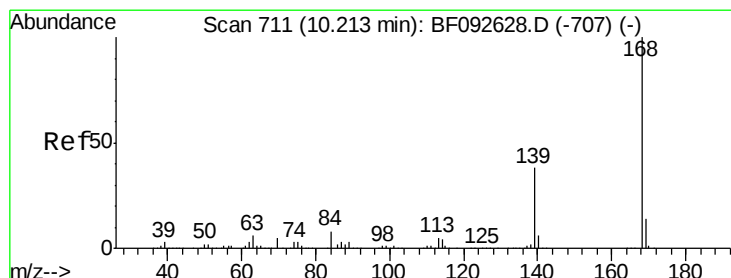
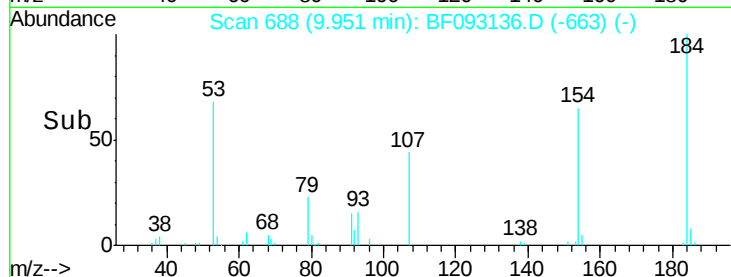
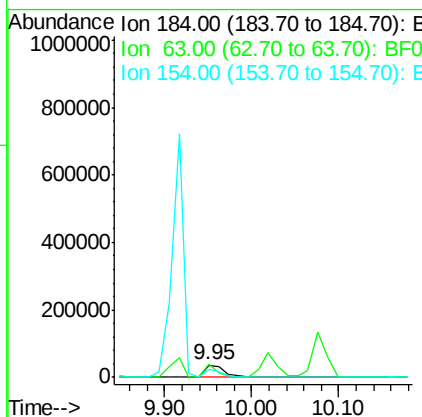
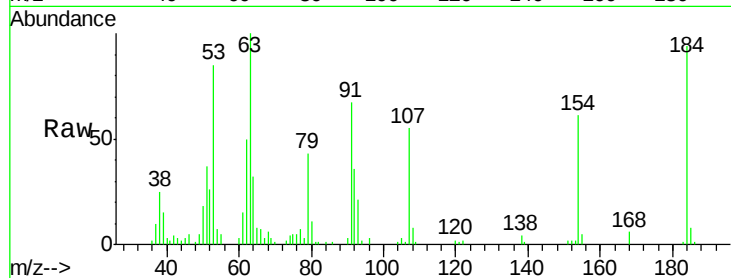




#53
2,4-Dinitrophenol
Concen: 36.31 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

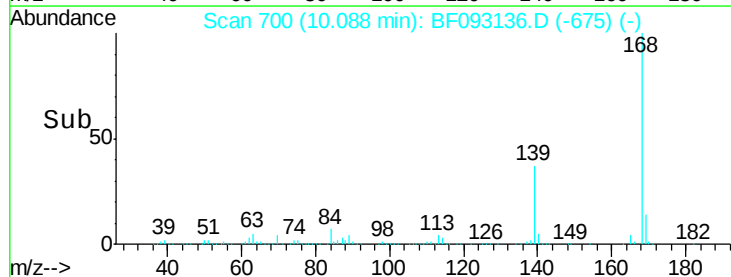
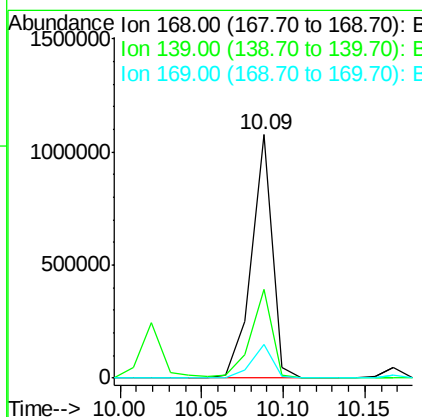
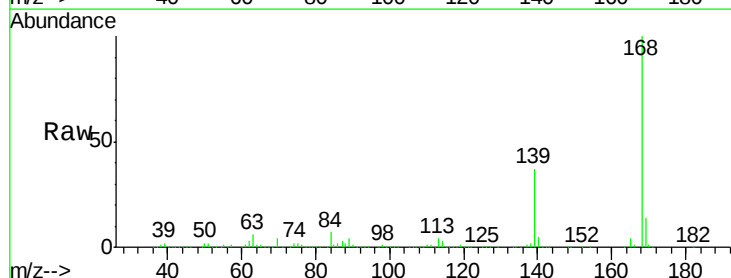
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

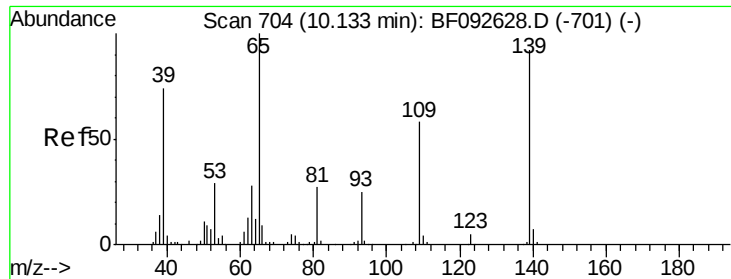
Tgt Ion:184 Resp: 59945
Ion Ratio Lower Upper
184 100
63 106.0 28.4 42.6#
154 65.2 44.3 66.5



#54
Dibenzofuran
Concen: 50.45 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:168 Resp: 952954
Ion Ratio Lower Upper
168 100
139 36.5 32.6 49.0
169 13.7 11.3 16.9

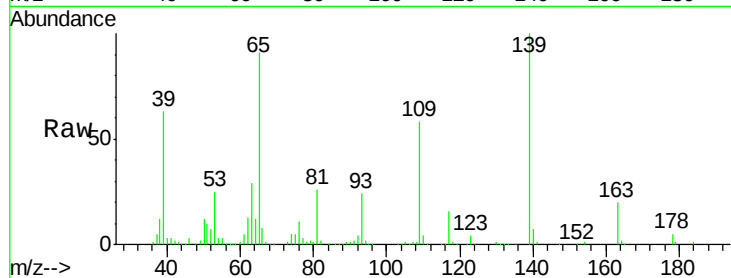




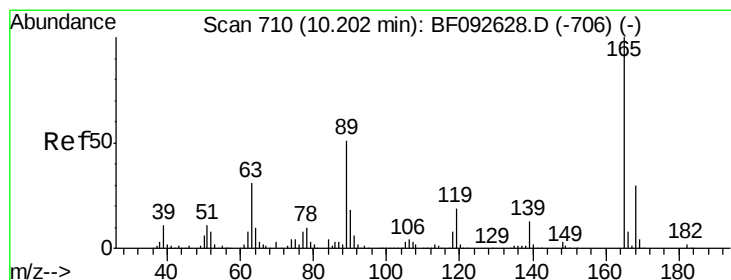
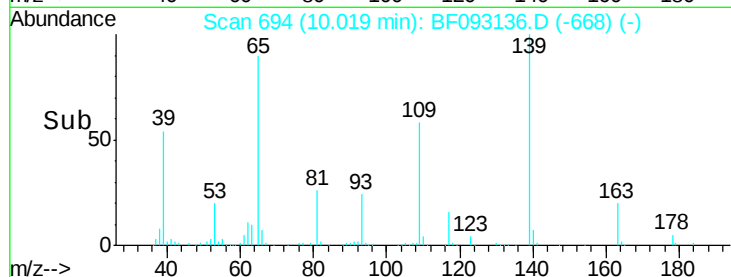
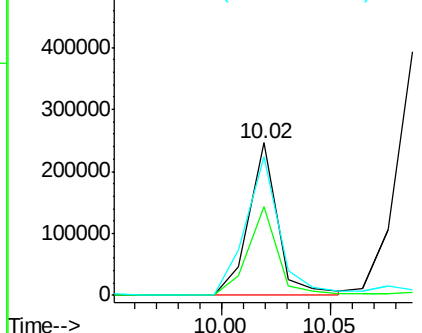
#55
4-Nitrophenol
Concen: 79.47 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

Tgt Ion:139 Resp: 230021
Ion Ratio Lower Upper
139 100
109 57.8 52.2 92.2
65 90.7 85.8 125.8



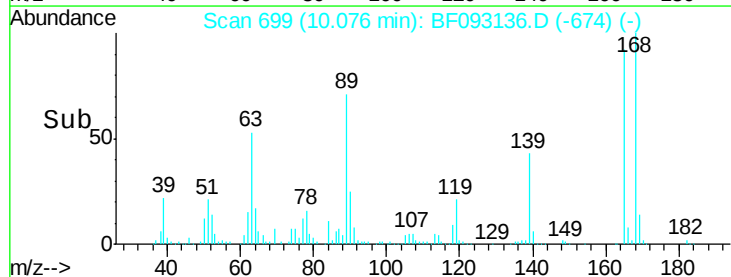
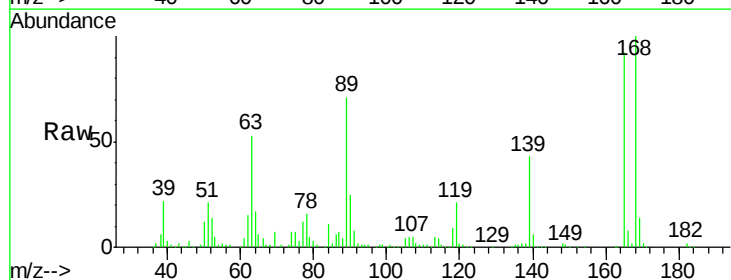
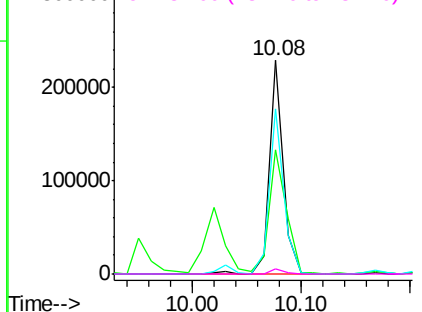
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

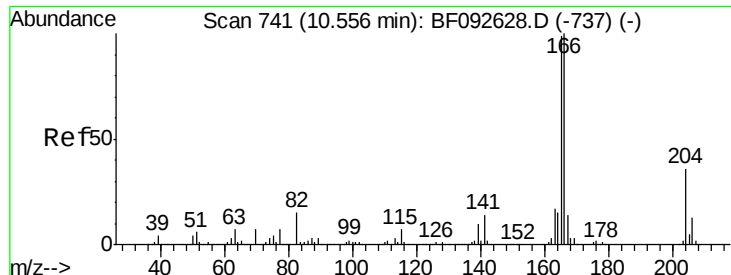


#56
2,4-Dinitrotoluene
Concen: 43.35 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:165 Resp: 202670
Ion Ratio Lower Upper
165 100
63 57.9 40.2 60.4
89 77.3 62.5 93.7
182 2.7 1.8 2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

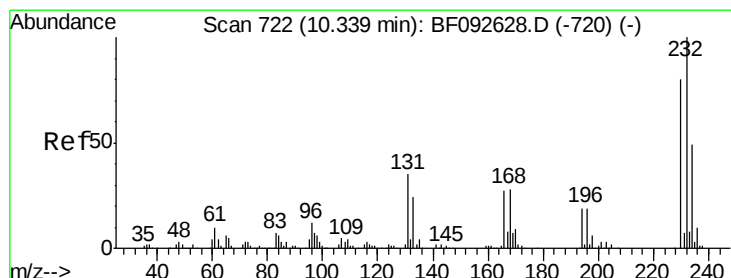
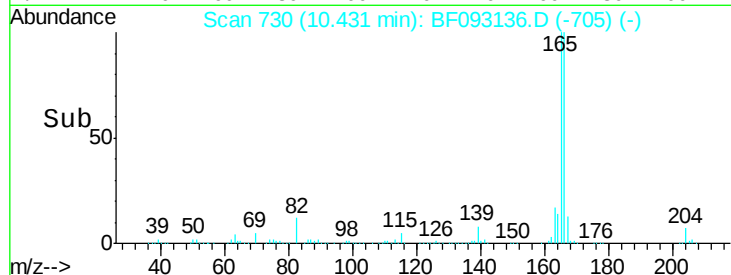
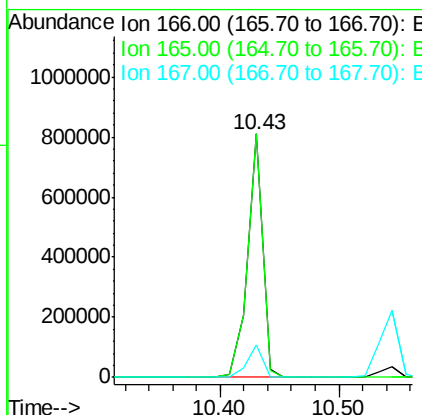
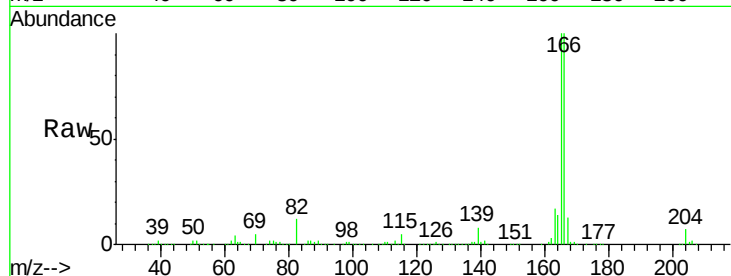




#57
 Fluorene
 Concen: 49.98 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

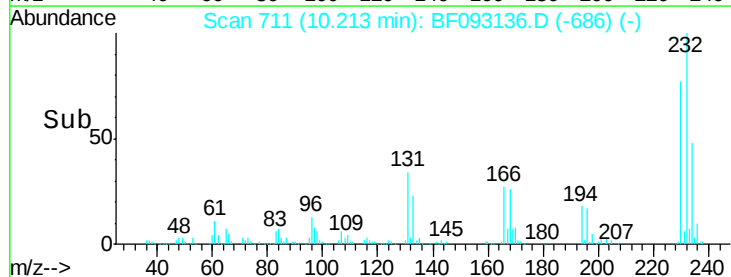
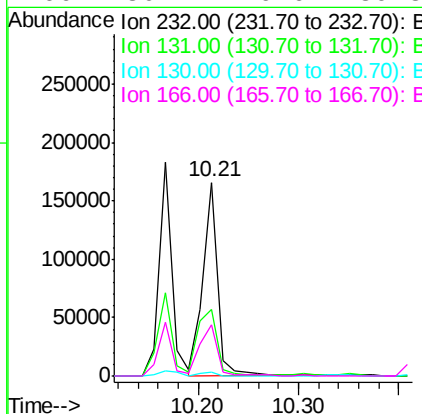
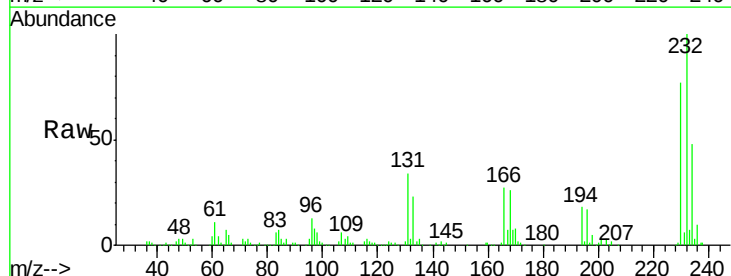
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

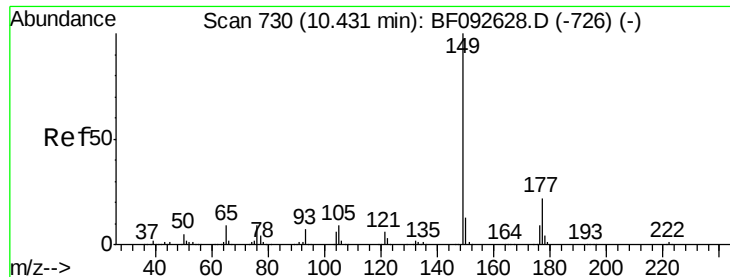
Tgt Ion:166 Resp: 726456
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.8 116.8
 167 13.5 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.10 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion:232 Resp: 169580
 Ion Ratio Lower Upper
 232 100
 131 44.6 40.1 60.1
 130 2.3 1.8 2.8
 166 30.7 26.6 39.8

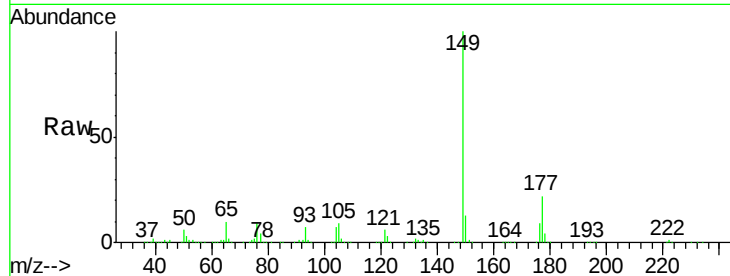




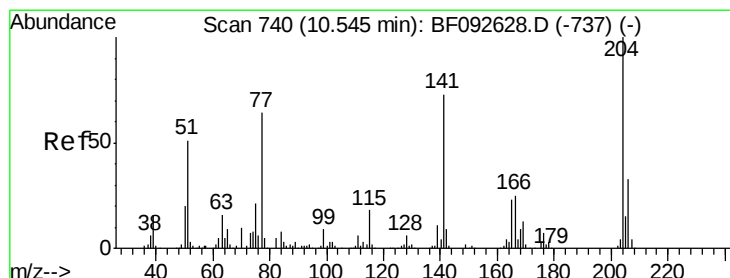
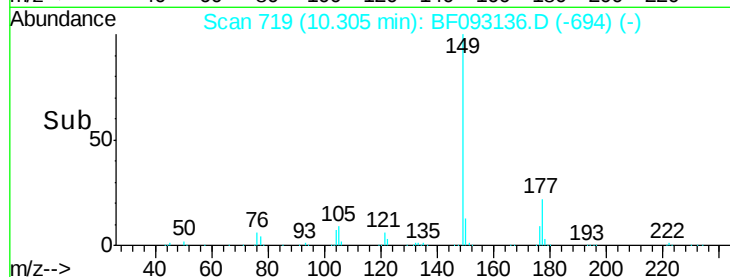
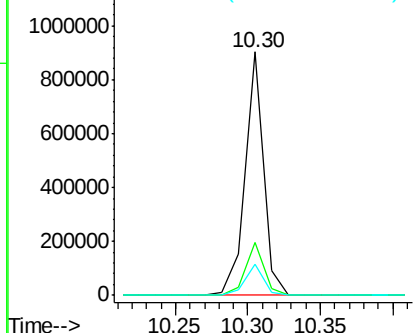
#59
Diethylphthalate
Concen: 51.97 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

Tgt Ion:149 Resp: 796452
Ion Ratio Lower Upper
149 100
177 21.6 16.6 25.0
150 12.6 10.4 15.6

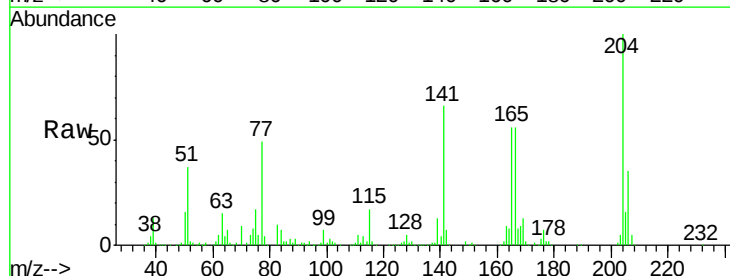


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

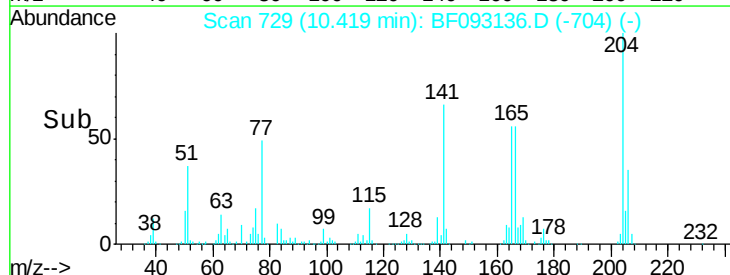
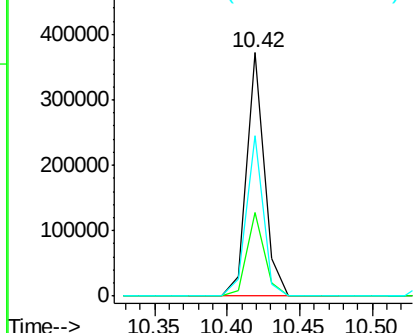


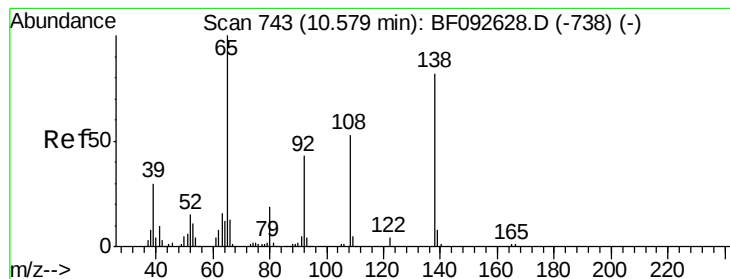
#60
4-Chlorophenyl-phenylether
Concen: 45.27 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:204 Resp: 316103
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 65.7 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: 38.91 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

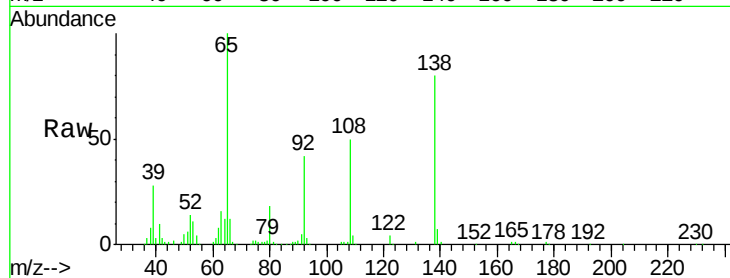
Tgt Ion: 138 Resp: 160152

Ion Ratio Lower Upper

138 100

92 52.2 31.7 71.7

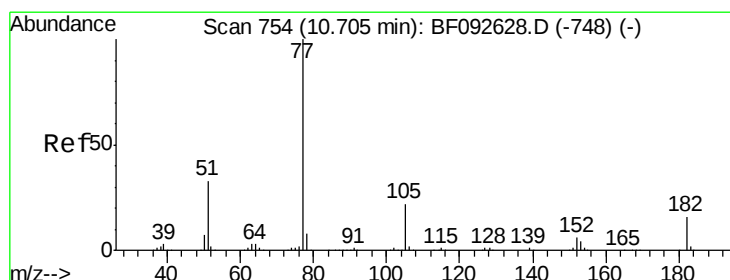
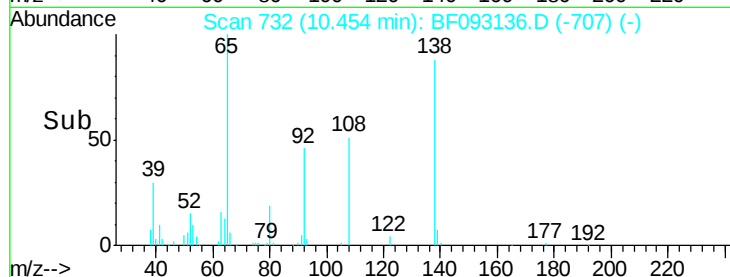
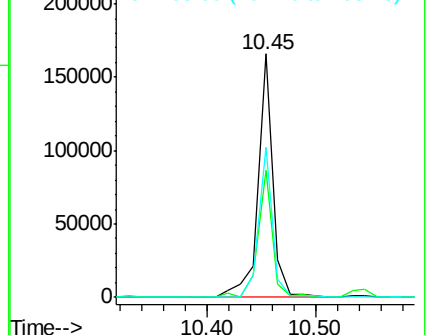
108 61.7 52.6 92.6



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: 54.17 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Tgt Ion: 77 Resp: 857539

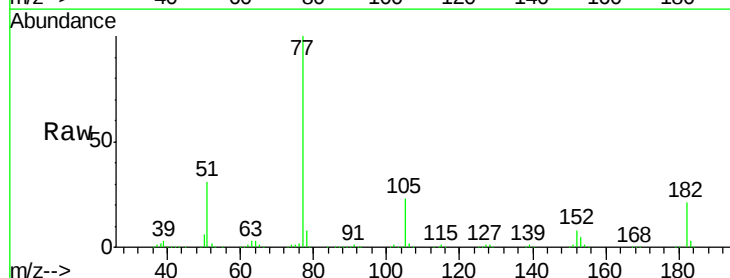
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.3

105 22.9 2.3 42.3

51 30.9 8.9 48.9

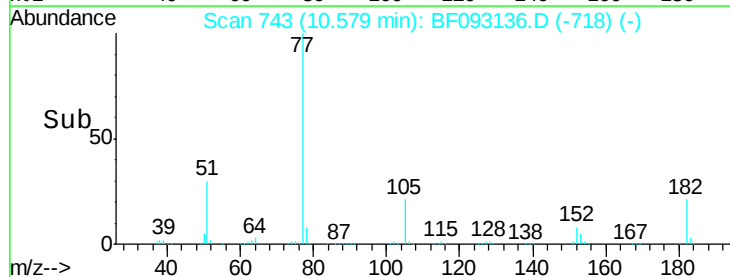
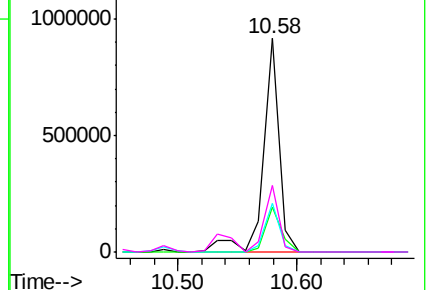


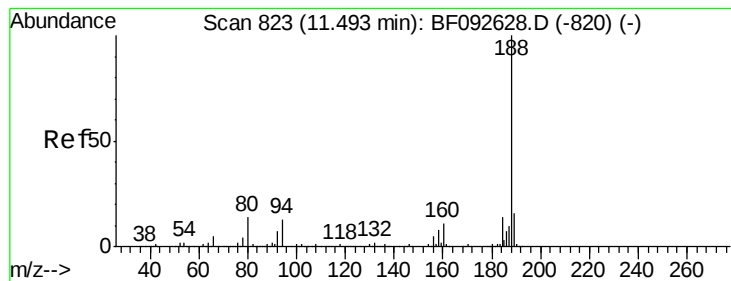
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

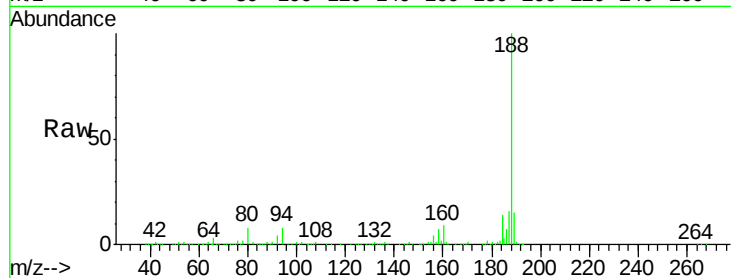
Tgt Ion:188 Resp: 353824

Ion Ratio Lower Upper

188 100

94 8.3 10.0 15.0#

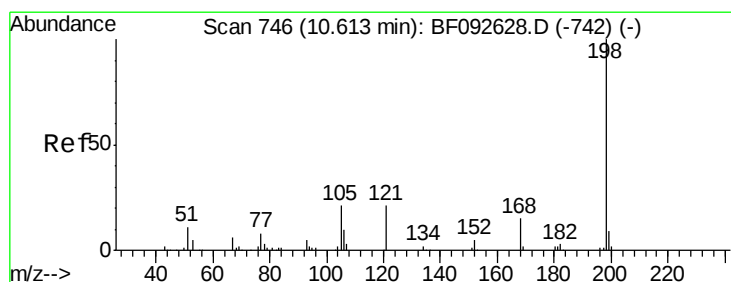
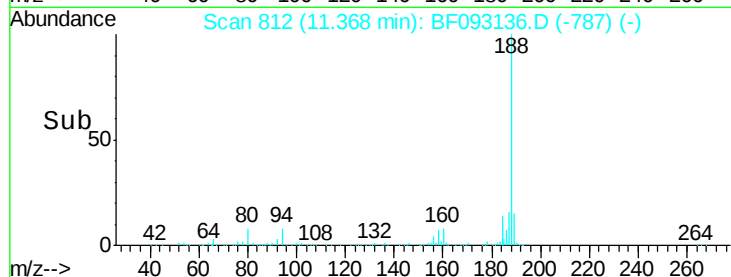
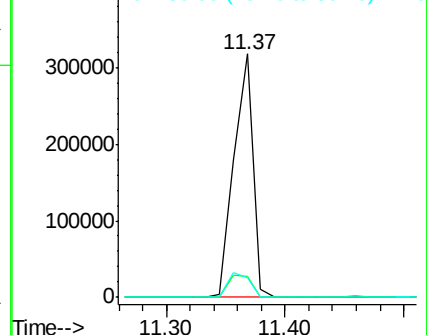
80 8.2 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 23.68 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

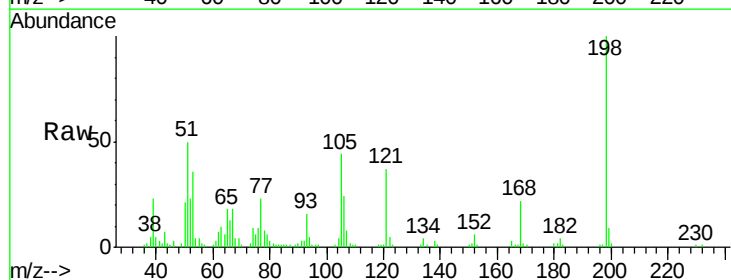
Tgt Ion:198 Resp: 47922

Ion Ratio Lower Upper

198 100

51 49.6 6.7 46.7#

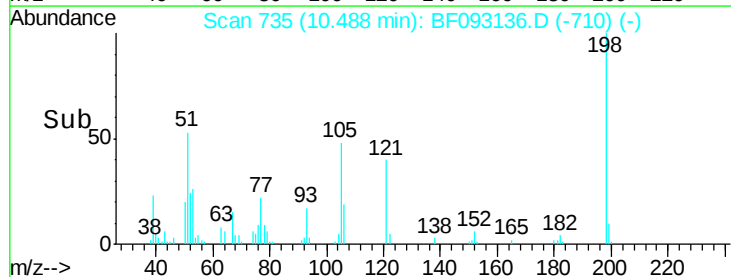
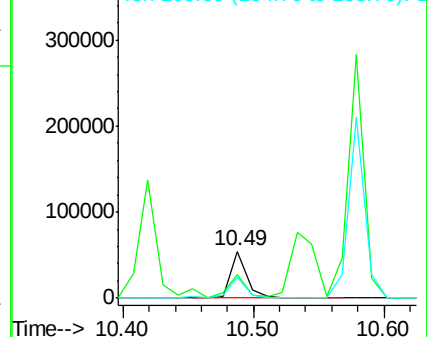
105 44.3 16.6 56.6

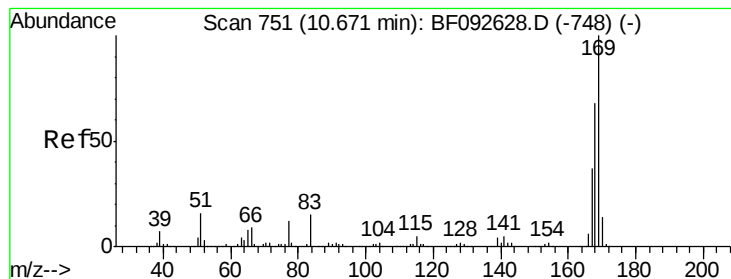


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 57.16 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

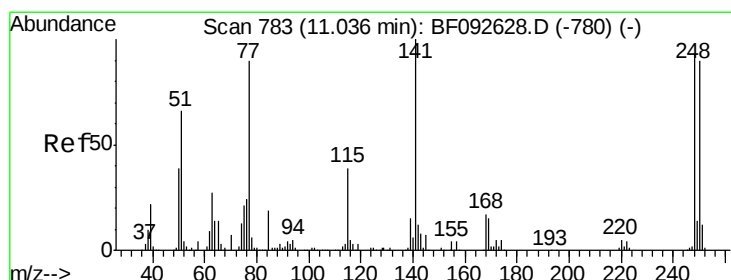
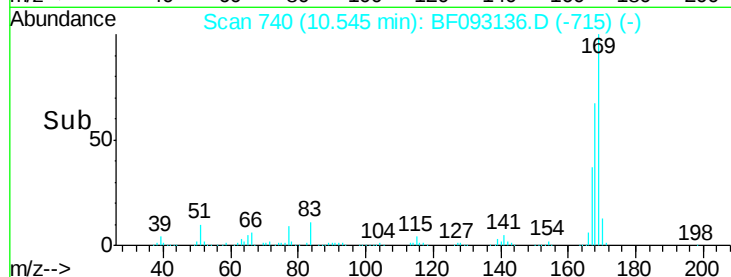
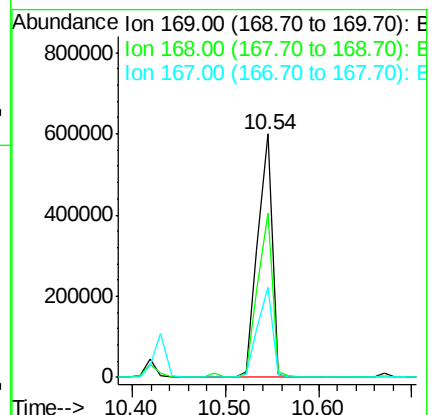
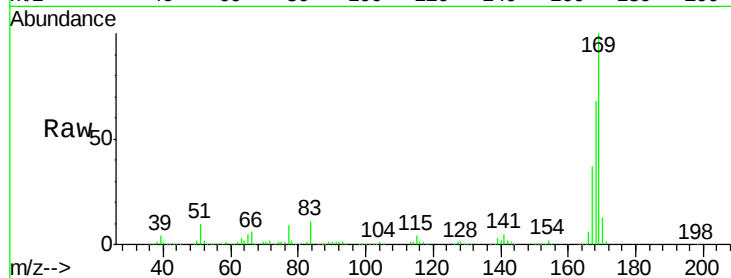
Tgt Ion:169 Resp: 646082

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

167 36.9 30.2 45.4



#66

4-Bromophenyl-phenylether

Concen: 52.43 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

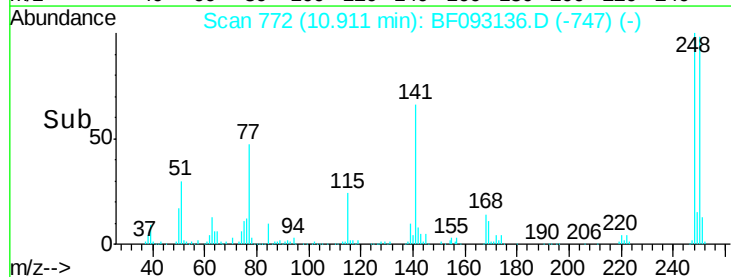
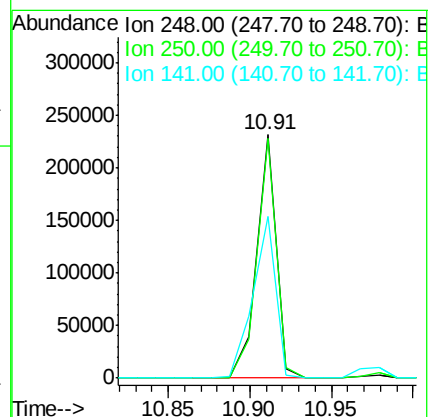
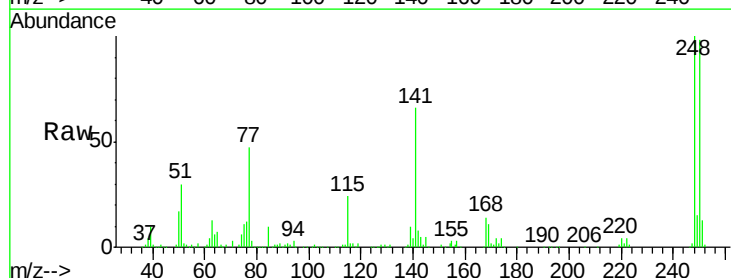
Tgt Ion:248 Resp: 193829

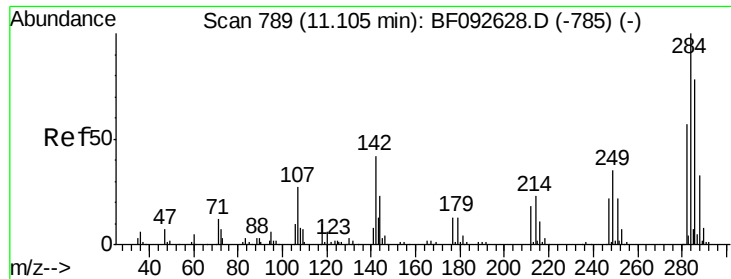
Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

141 66.4 68.2 102.4#

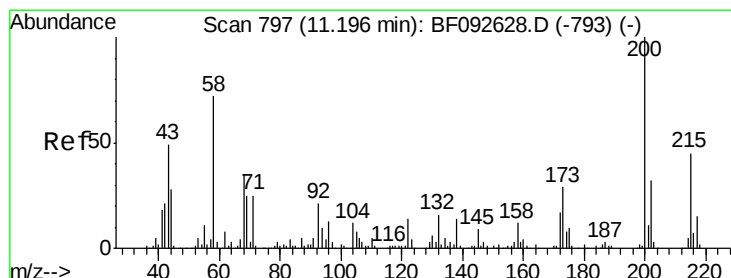
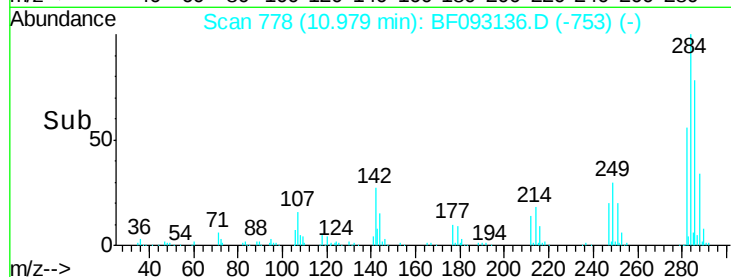
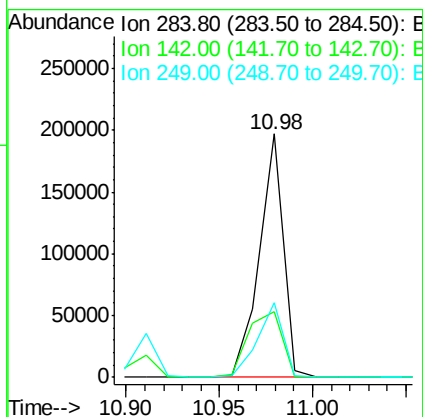
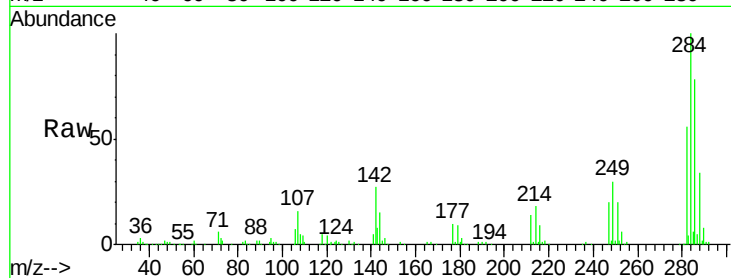




#67
Hexachlorobenzene
Concen: 48.72 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

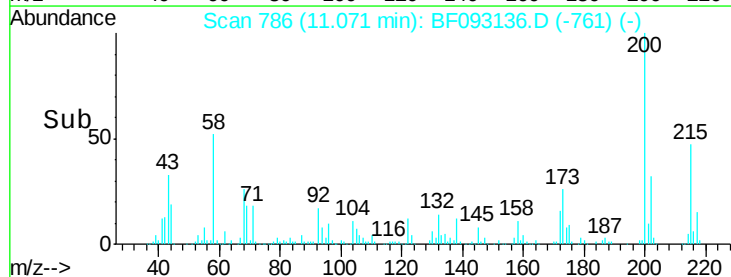
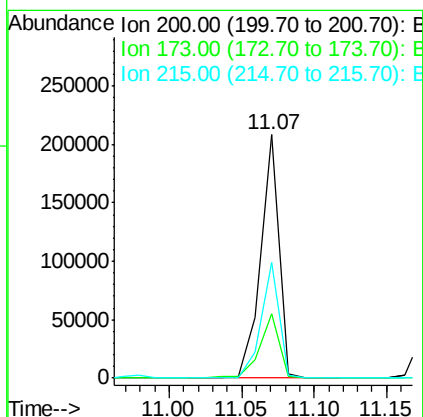
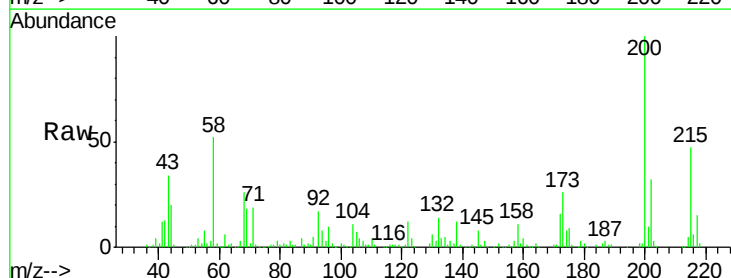
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

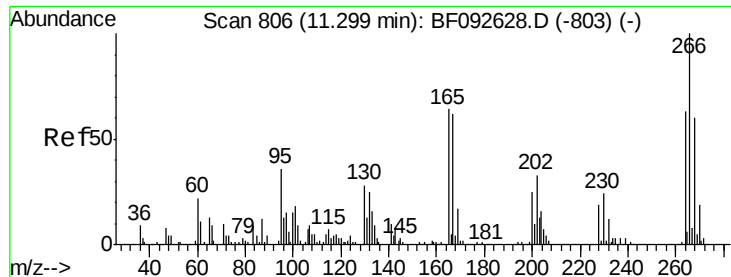
Tgt Ion: 284 Resp: 177981
Ion Ratio Lower Upper
284 100
142 27.1 22.6 33.8
249 30.5 25.4 38.0



#68
Atrazine
Concen: 50.46 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 200 Resp: 183029
Ion Ratio Lower Upper
200 100
173 26.4 9.6 49.6
215 47.3 25.7 65.7

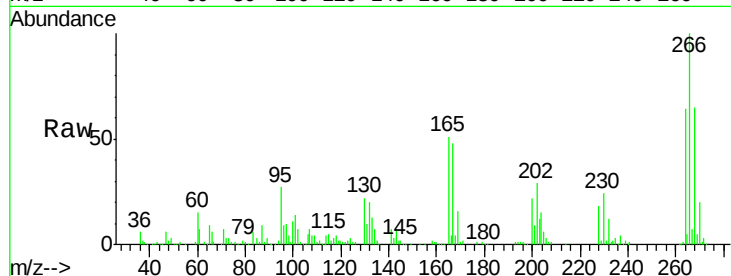




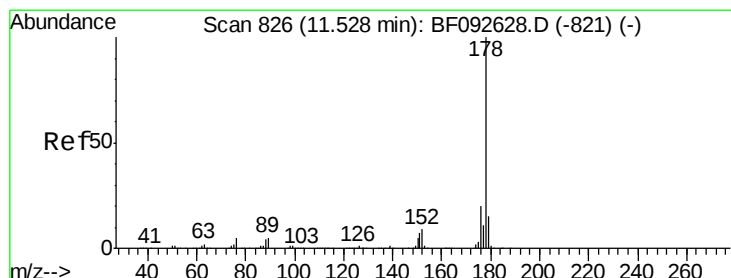
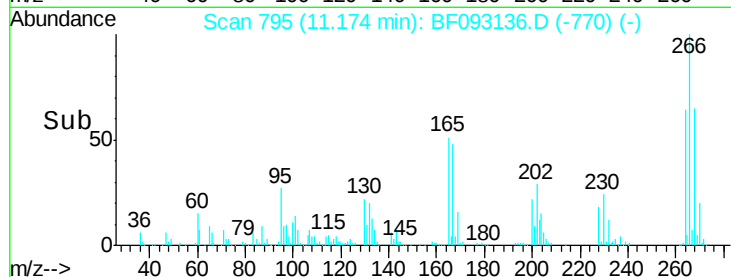
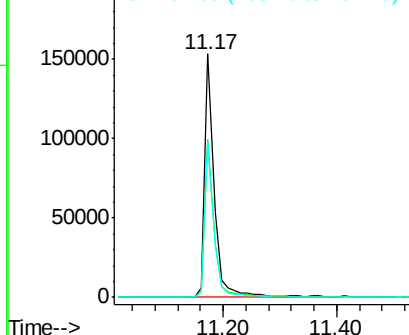
#69
 Pentachlorophenol
 Concen: 90.38 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

Tgt Ion:266 Resp: 172379
 Ion Ratio Lower Upper
 266 100
 268 64.8 53.3 79.9
 264 64.0 50.3 75.5

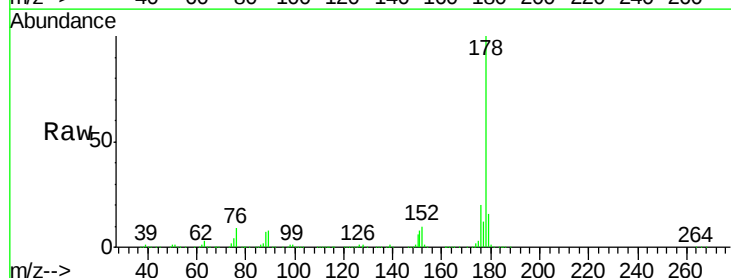


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

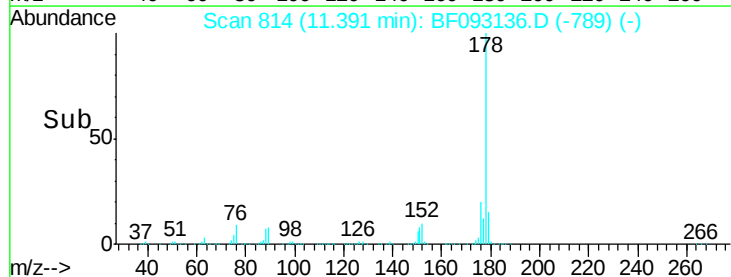
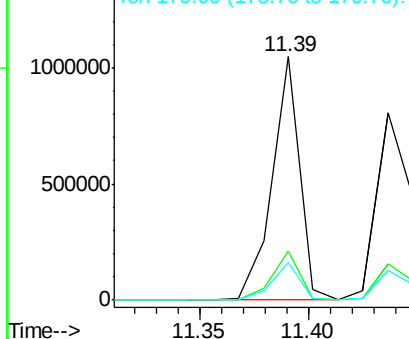


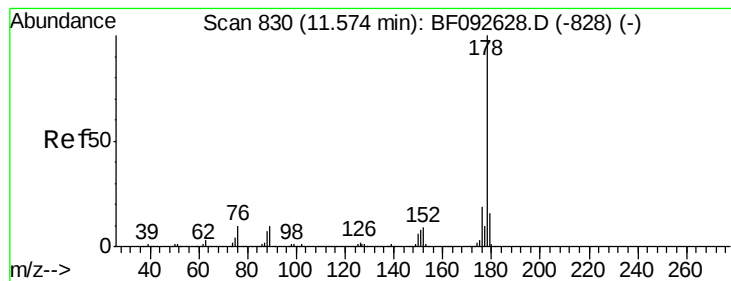
#70
 Phenanthrene
 Concen: 46.02 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion:178 Resp: 932975
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.5 12.8 19.2



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





#71

Anthracene

Concen: 44.31 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

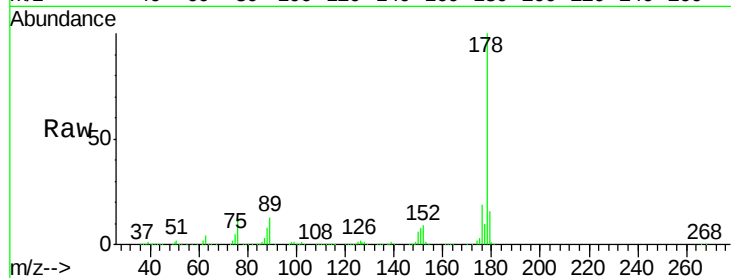
Tgt Ion:178 Resp: 902035

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

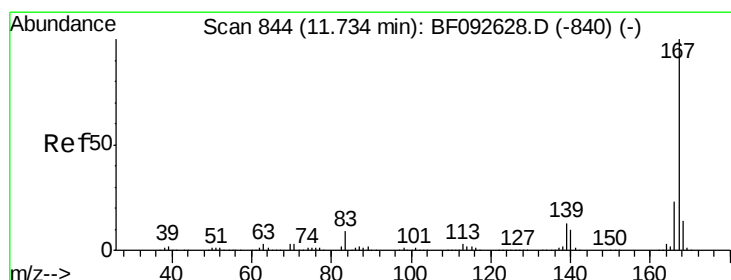
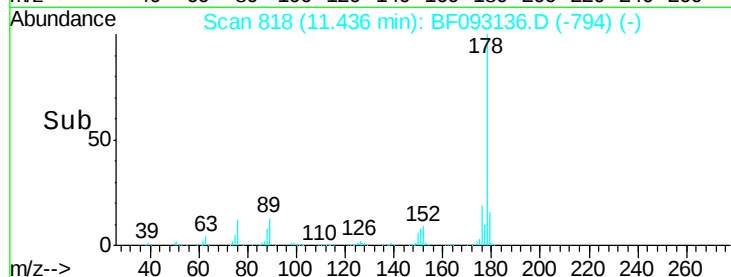
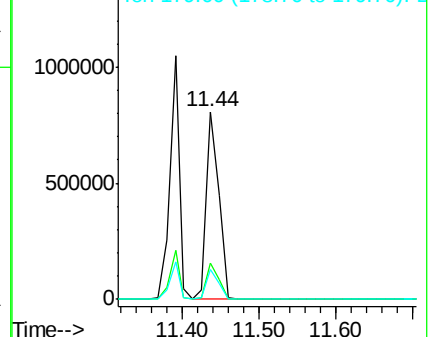
179 15.8 13.2 19.8



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: 40.16 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

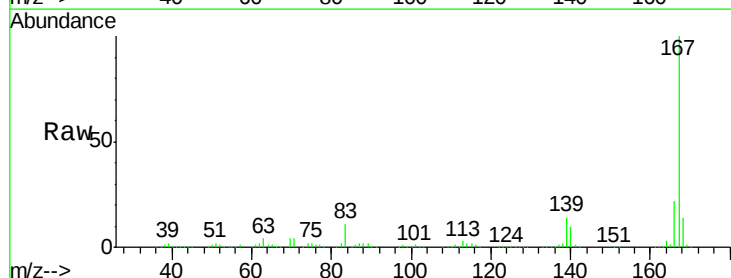
Tgt Ion:167 Resp: 781482

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

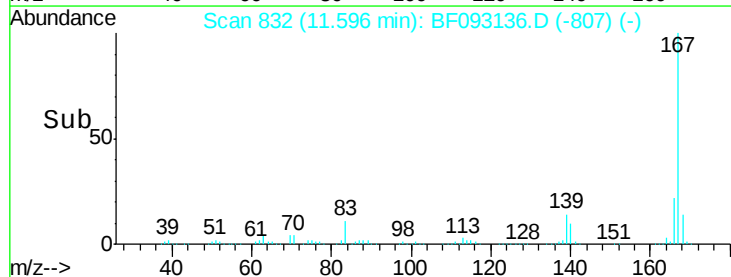
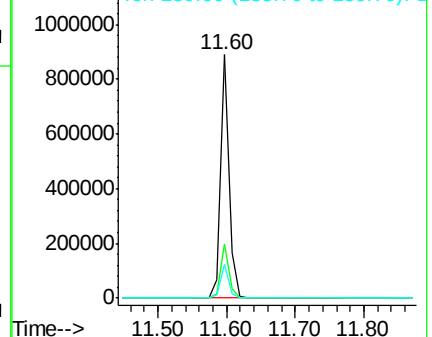
139 13.8 11.4 17.2

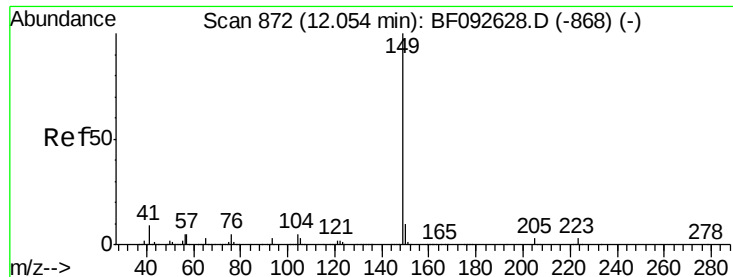


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.08 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

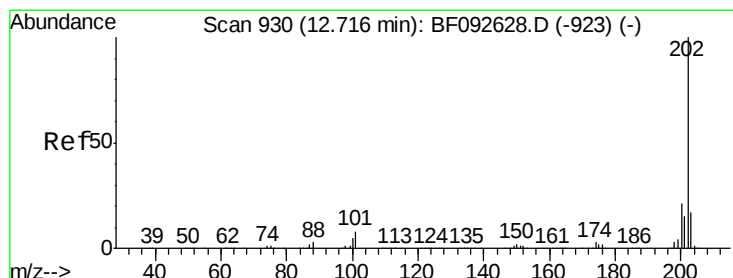
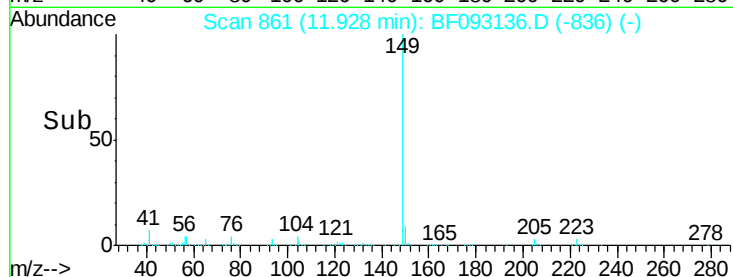
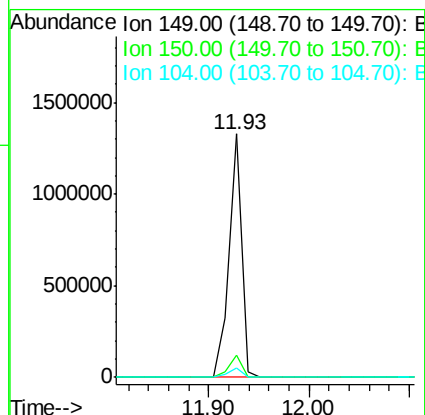
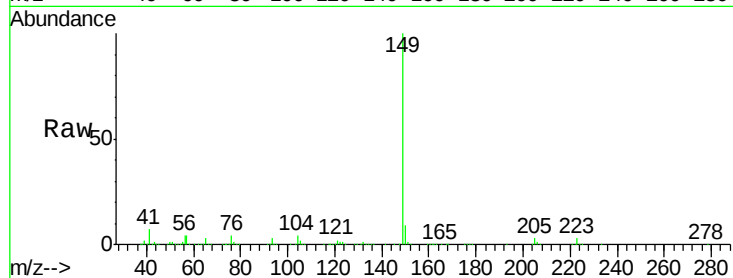
Tgt Ion:149 Resp: 1159080

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

104 4.1 4.6 7.0#



#74

Fluoranthene

Concen: 43.26 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

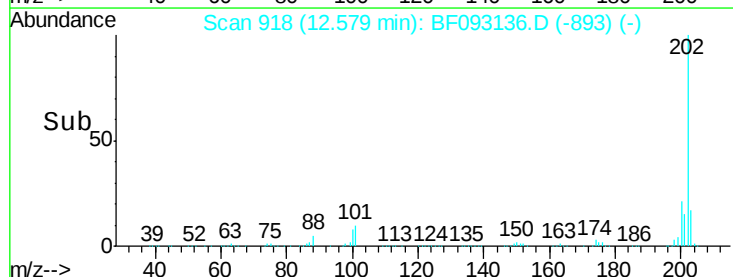
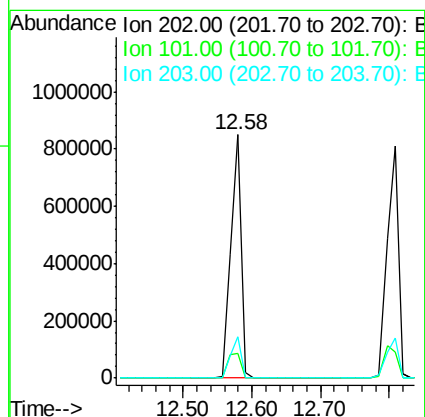
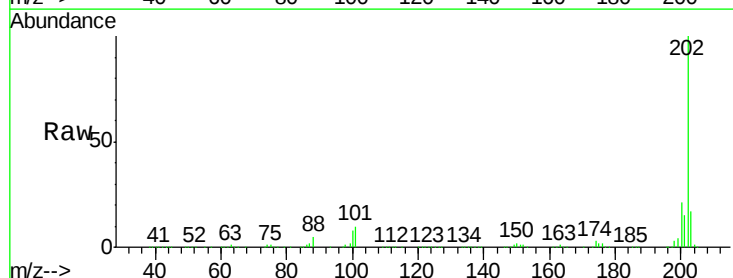
Tgt Ion:202 Resp: 904544

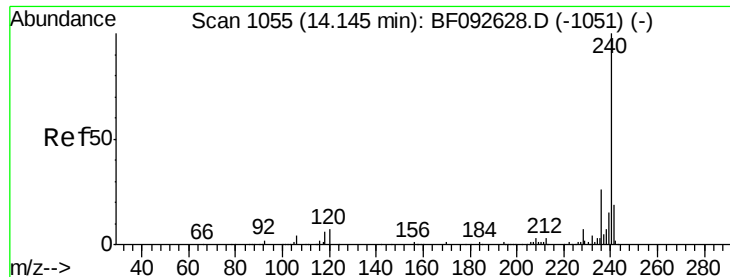
Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.6

203 17.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

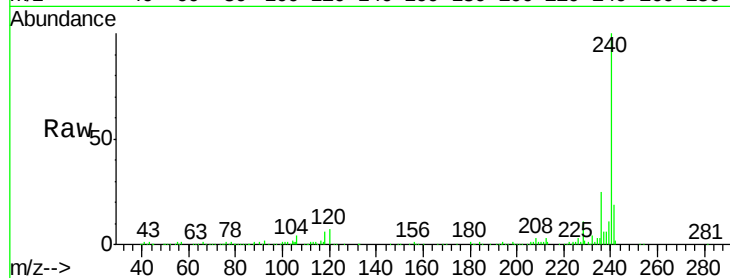
Tgt Ion:240 Resp: 272983

Ion Ratio Lower Upper

240 100

120 7.1 12.9 19.3#

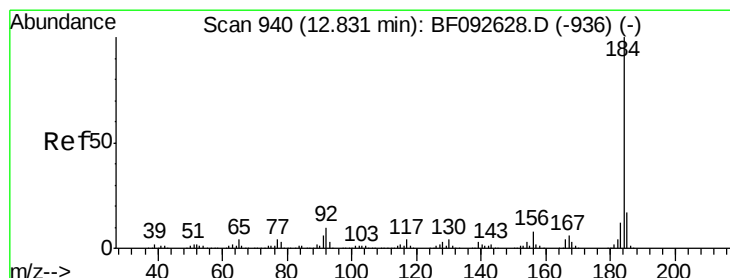
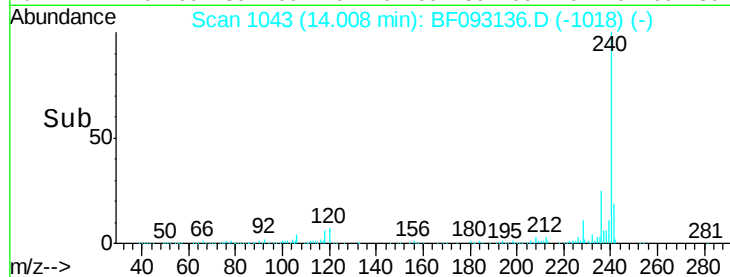
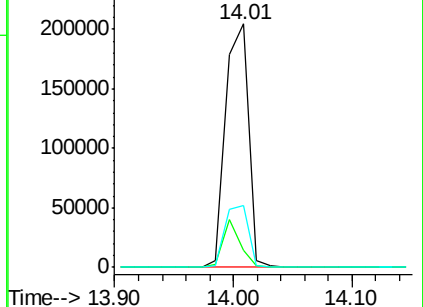
236 25.2 20.9 31.3



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: 7.28 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

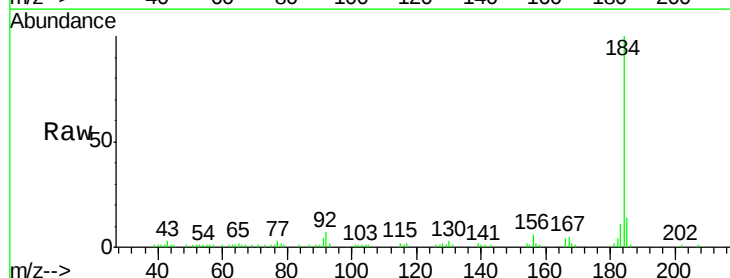
Tgt Ion:184 Resp: 84655

Ion Ratio Lower Upper

184 100

185 13.7 13.4 20.0

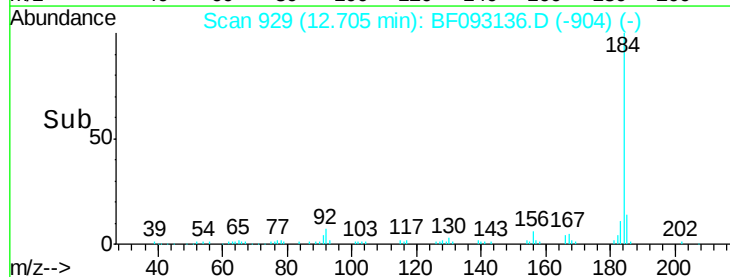
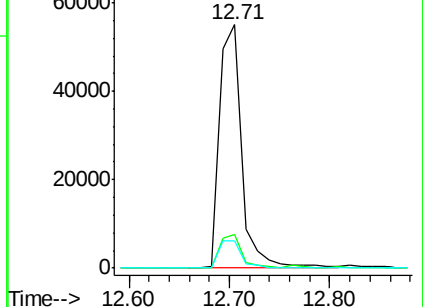
183 11.3 9.2 13.8

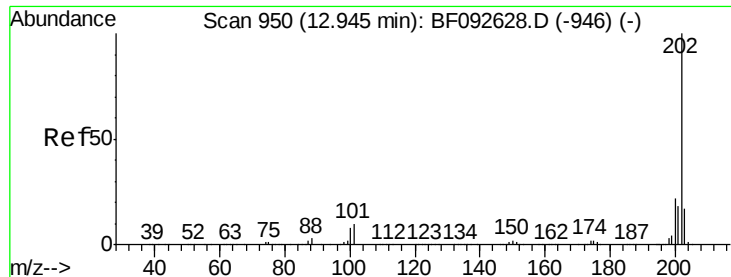


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

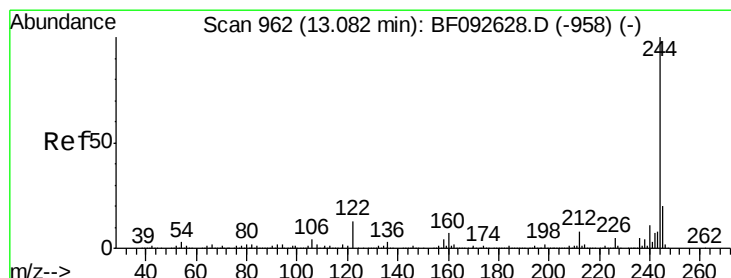
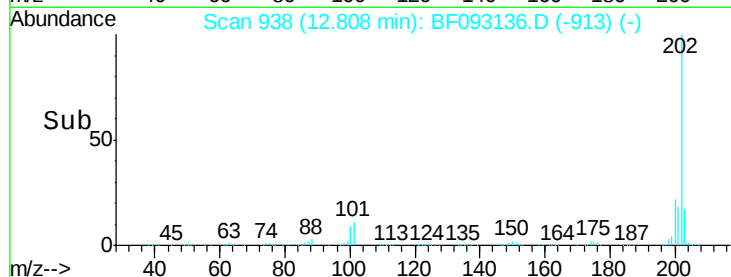
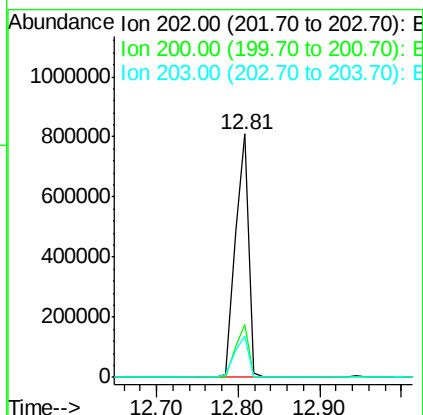
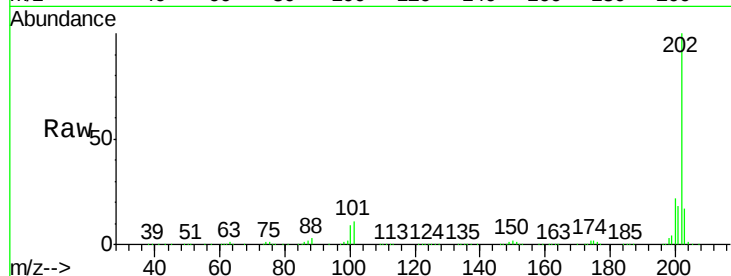




#77
 Pyrene
 Concen: 44.83 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

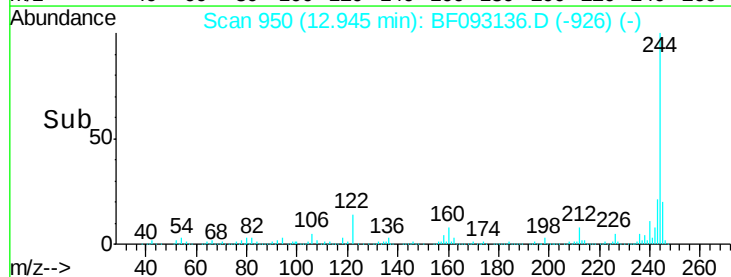
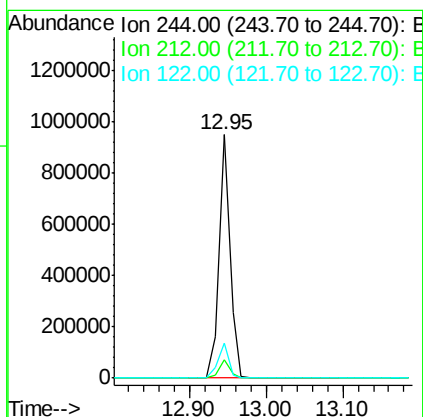
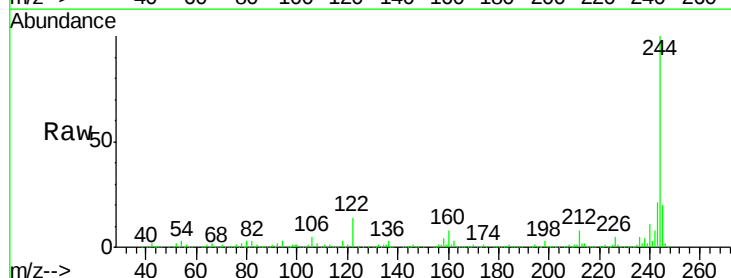
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

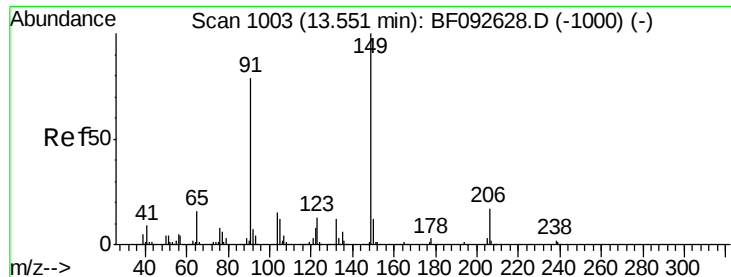
Tgt Ion: 202 Resp: 915842
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 17.1 14.7 22.1



#78
 Terphenyl-d14
 Concen: 81.76 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion: 244 Resp: 949886
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.5 11.4 17.2

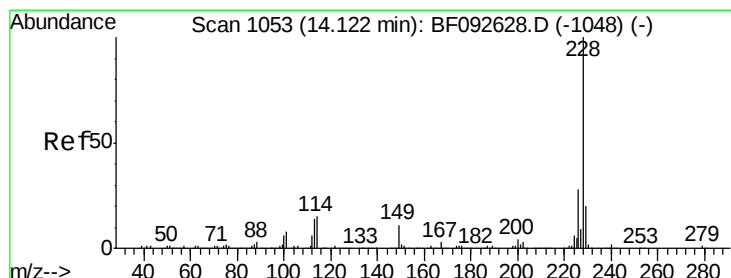
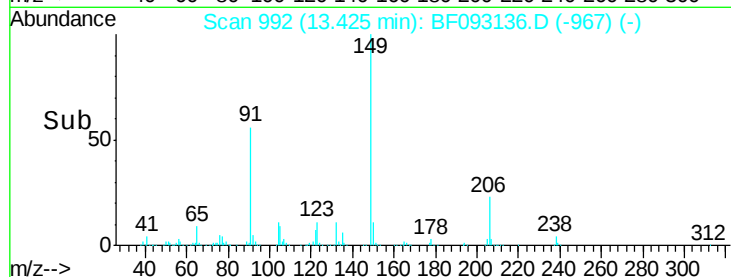
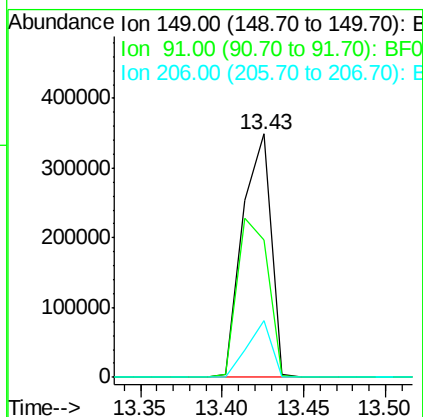
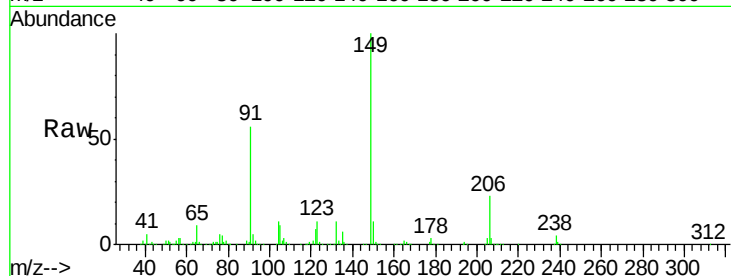




#79
Butylbenzylphthalate
Concen: 50.52 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

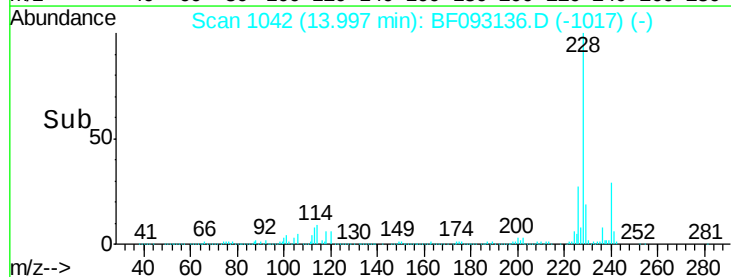
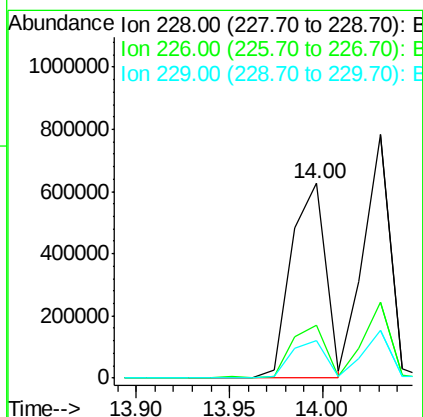
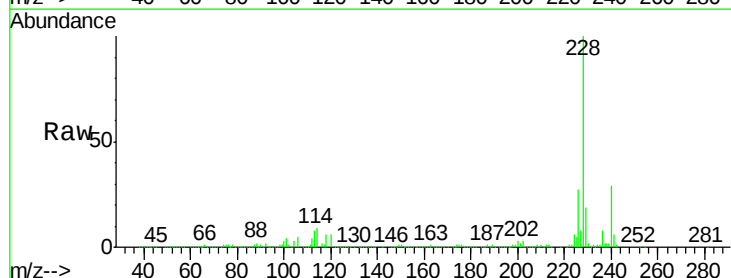
Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

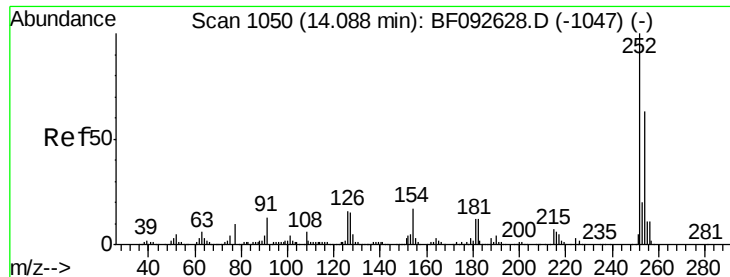
Tgt Ion:149 Resp: 419120
Ion Ratio Lower Upper
149 100
91 56.4 63.9 95.9#
206 23.1 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 47.53 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion:228 Resp: 793568
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 19.1 16.2 24.4

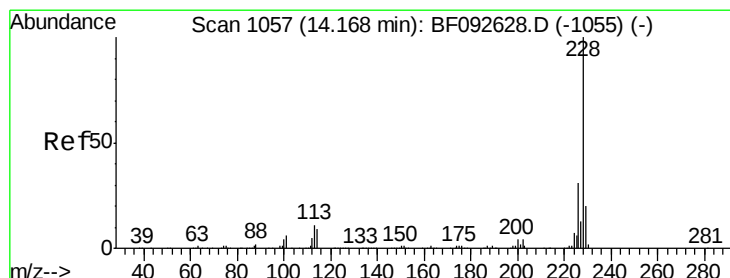
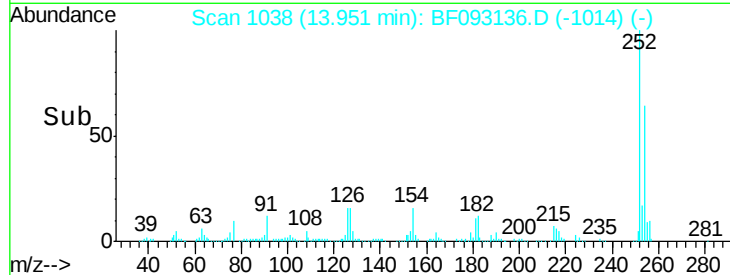
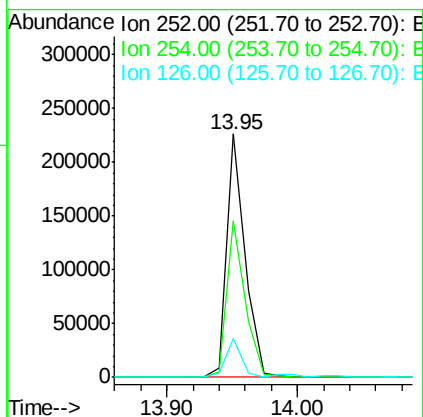
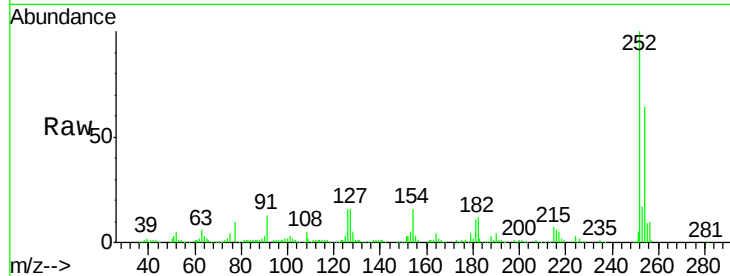




#81
 3,3'-Dichlorobenzidine
 Concen: 37.12 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

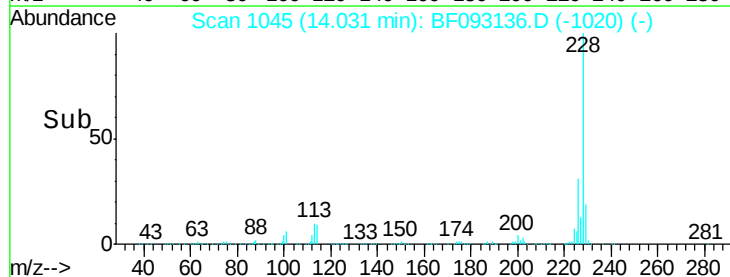
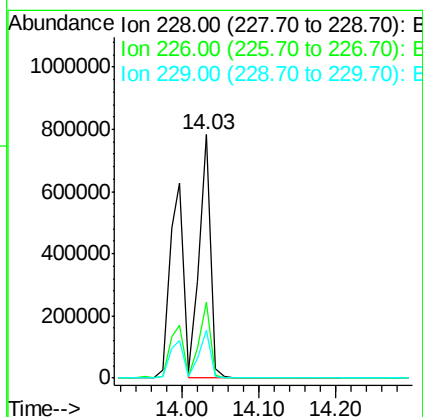
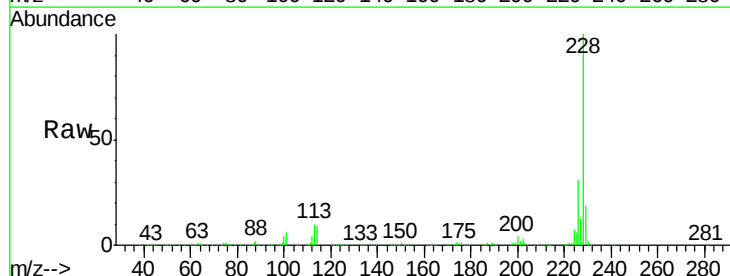
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

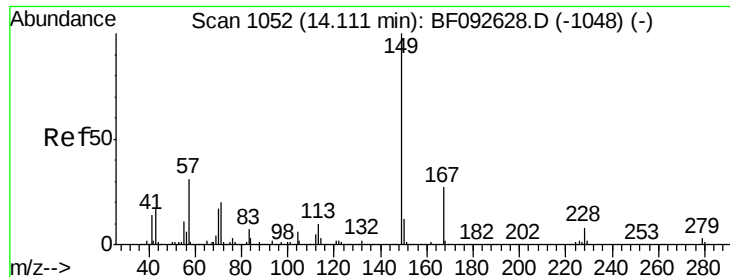
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	15.9	13.6	20.4



#82
 Chrysene
 Concen: 50.04 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	19.5	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.35 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

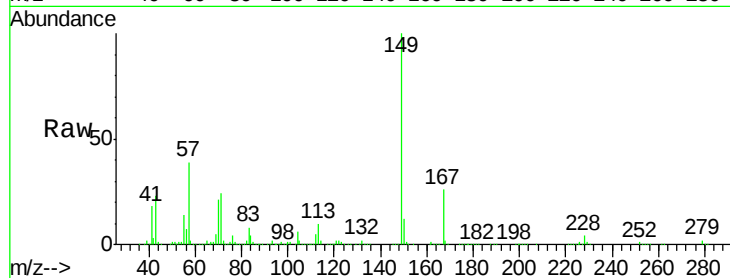
Tgt Ion:149 Resp: 559841

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

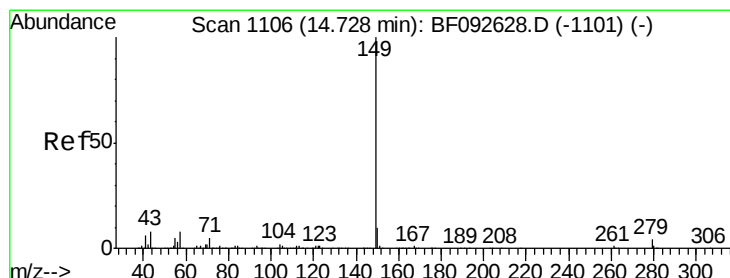
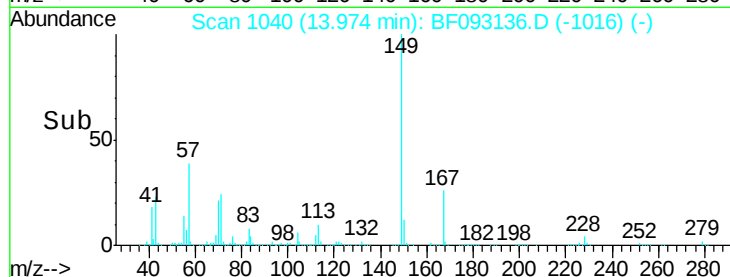
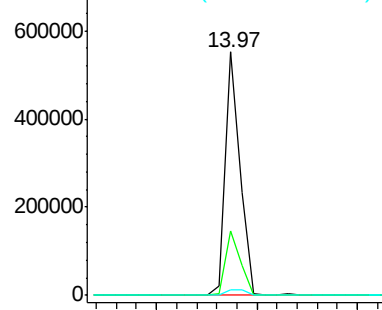
279 2.1 1.8 2.8



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: 57.69 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

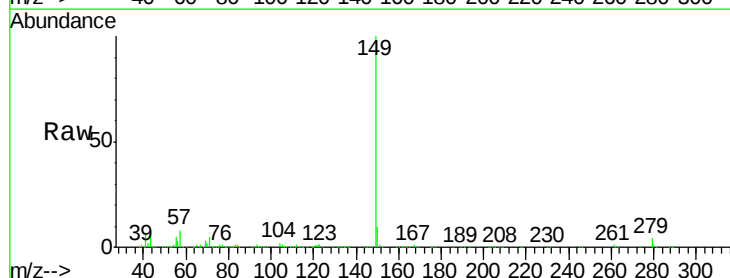
Tgt Ion:149 Resp: 1065731

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

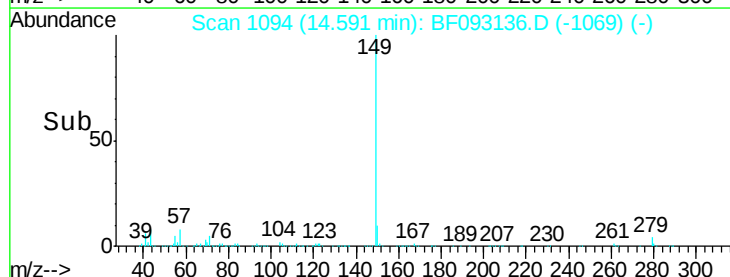
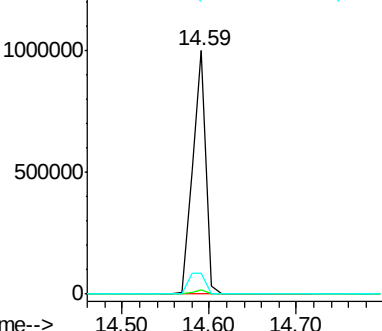
43 11.3 8.9 13.3

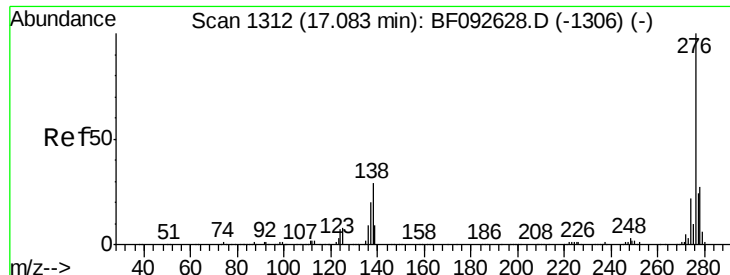


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

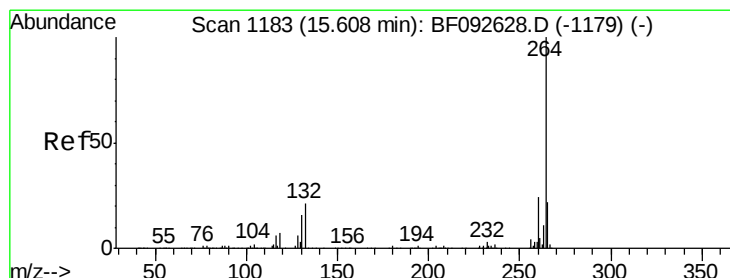
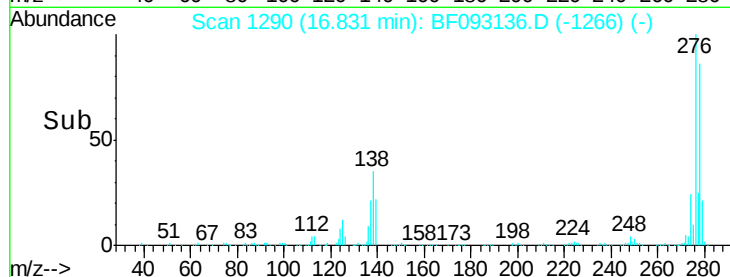
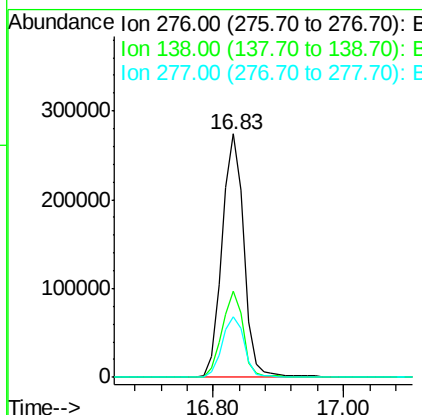
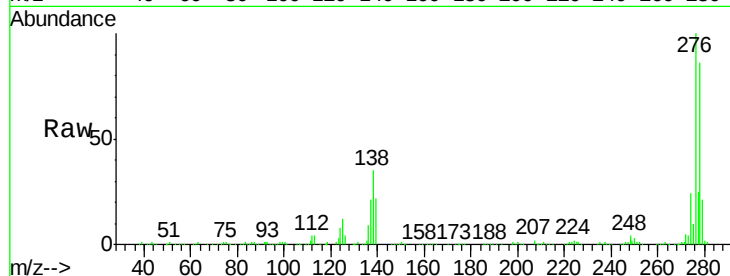




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.76 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

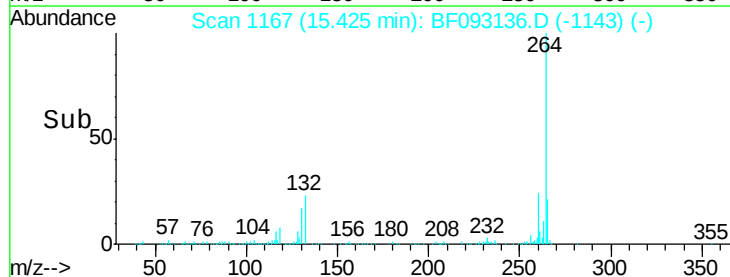
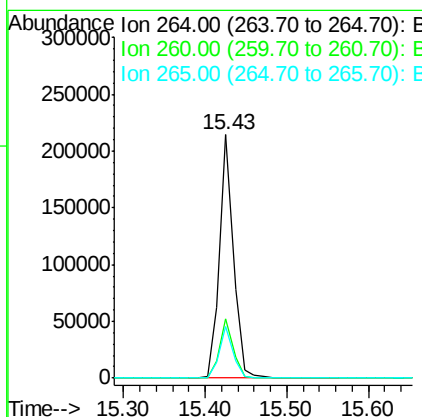
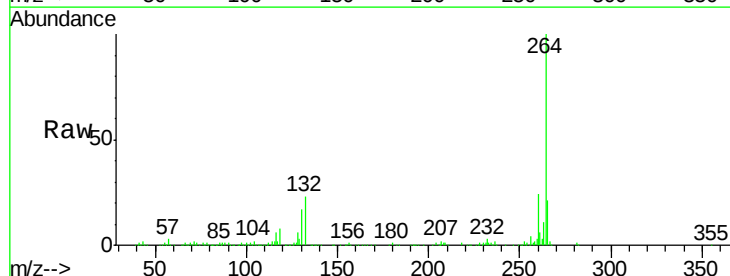
Instrument :
 BNA_F
 ClientSampleId :
 TP23-24-COMP17MS

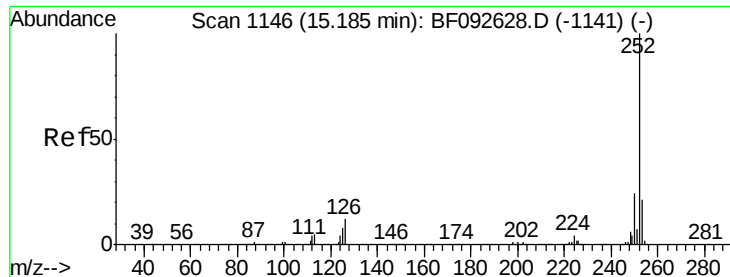
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.4	21.8	32.6#
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093136.D
 Acq: 24 Feb 2017 7:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 88.45 ng

RT: 15.05 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

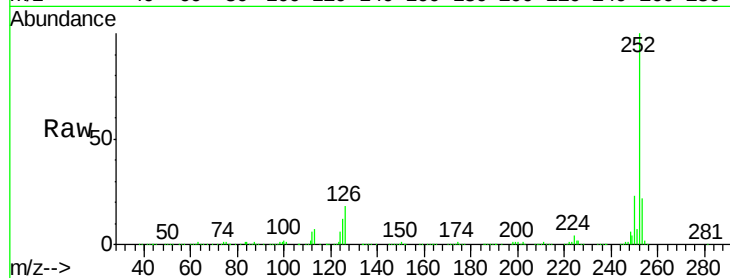
Tgt Ion:252 Resp: 1485486

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

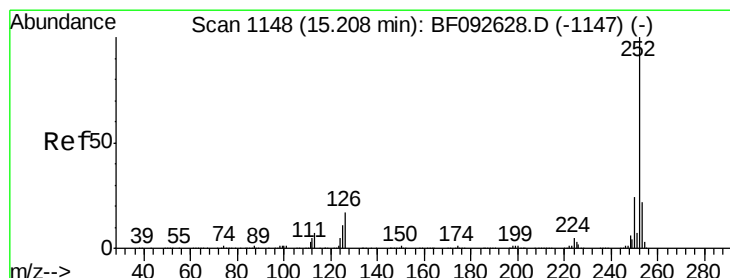
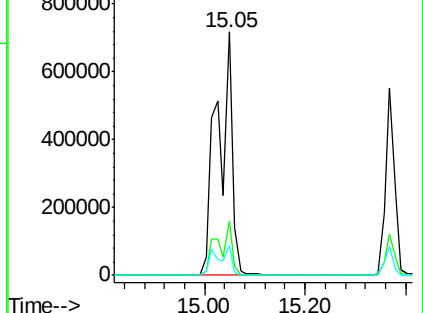
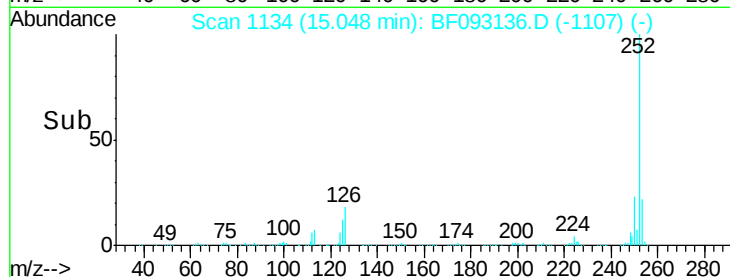
125 12.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 102.48 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

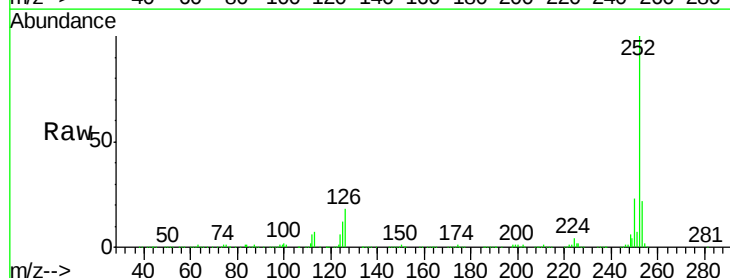
Tgt Ion:252 Resp: 1486079

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

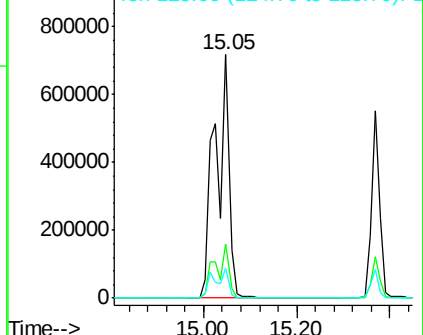
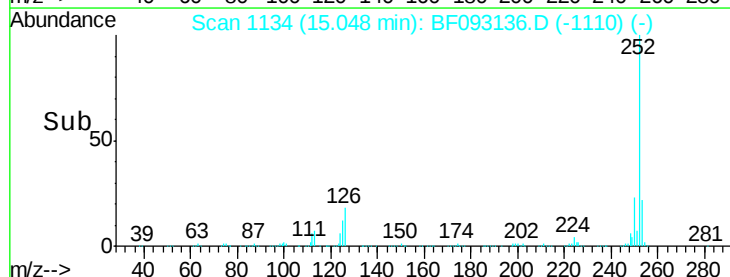
125 12.2 8.9 13.3

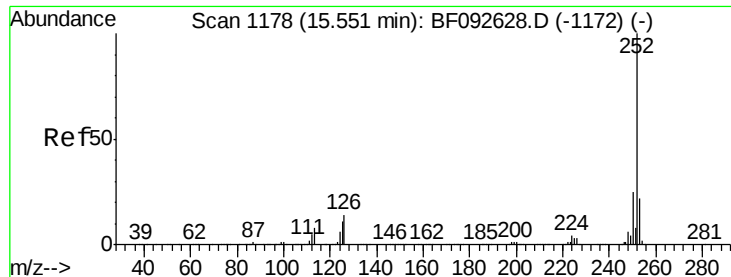


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

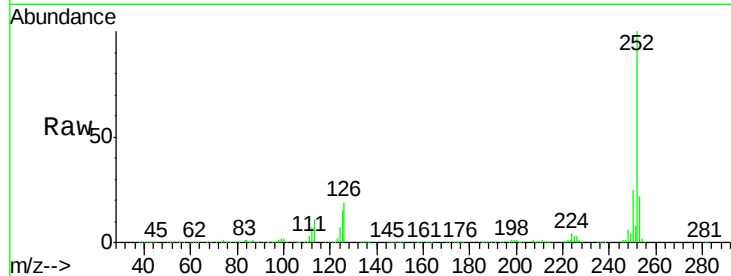




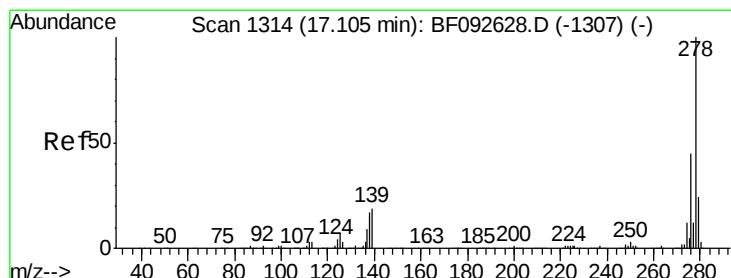
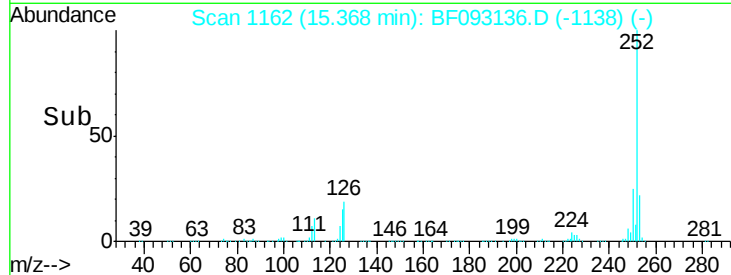
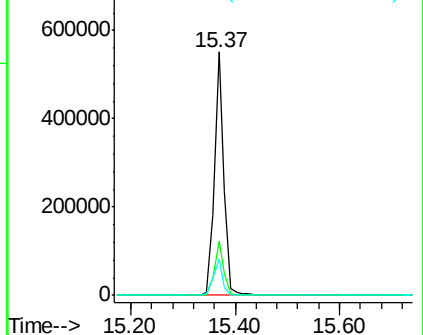
#89
Benzo(a)pyrene
Concen: 48.30 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Instrument :
BNA_F
ClientSampleId :
TP23-24-COMP17MS

Tgt Ion: 252 Resp: 701720
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 15.0 10.0 15.0

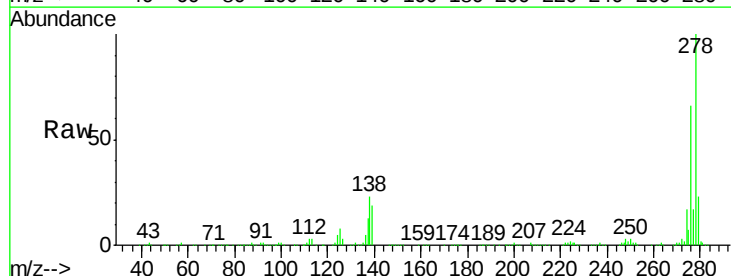


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

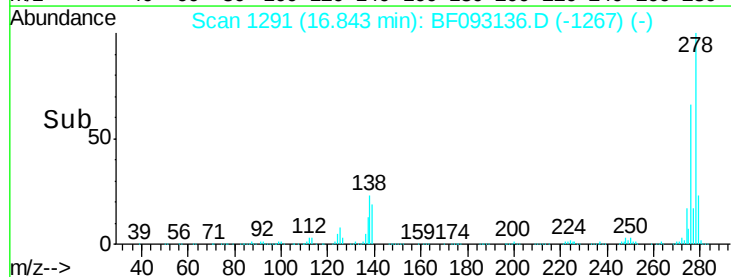
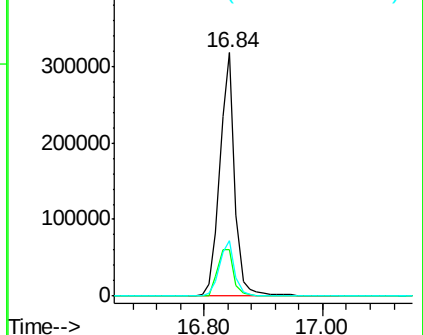


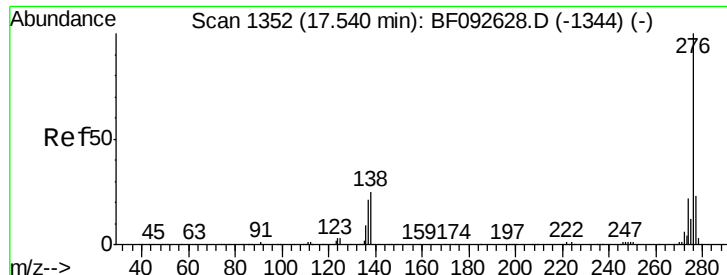
#90
Dibenzo(a,h)anthracene
Concen: 47.29 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093136.D
Acq: 24 Feb 2017 7:53

Tgt Ion: 278 Resp: 555254
Ion Ratio Lower Upper
278 100
139 19.3 14.8 22.2
279 22.9 19.8 29.6



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





#91

Benzo(g,h,i)perylene

Concen: 43.92 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF093136.D

Acq: 24 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

TP23-24-COMP17MS

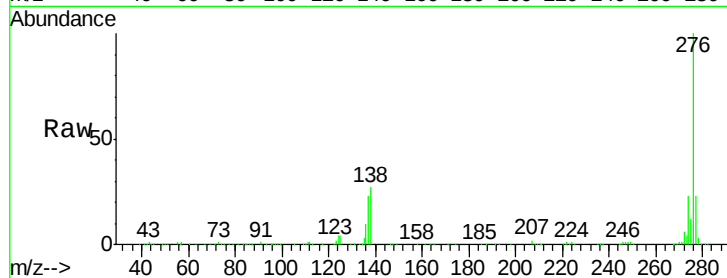
Tgt Ion:276 Resp: 520955

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 26.5 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

