

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084294.D
 Acq On : 6 Jan 2016 17:25
 Operator : SJ/UM
 Sample : H1010-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Quant Time: Jan 07 00:10:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280937	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1175014	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	560523	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	985834	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	763815	20.00	ng	-0.03
86) Perylene-d12	15.46	264	624938	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1111717	64.01	ng	-0.02
7) Phenol-d6	6.51	99	943201	43.24	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1969528	93.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	685908	121.21	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	3279412	104.36	ng	-0.02
78) Terphenyl-d14	12.98	244	2438597	71.27	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	119381	14.51	ng	# 73
3) Pyridine	3.24	79	293804	12.81	ng	# 62
4) n-Nitrosodimethylamine	3.16	42	190369	16.17	ng	# 83
6) Aniline	6.56	93	570551	17.88	ng	# 80
8) 2-Chlorophenol	6.66	128	766831	38.91	ng	# 98
9) Benzaldehyde	6.41	77	287158	20.22	ng	# 95
10) Phenol	6.52	94	405600	16.35	ng	# 95
11) bis(2-Chloroethyl)ether	6.60	93	841590	43.80	ng	# 80
12) 1,3-Dichlorobenzene	6.81	146	821530	40.41	ng	# 94
13) 1,4-Dichlorobenzene	6.89	146	855967	41.99	ng	# 95
14) 1,2-Dichlorobenzene	7.04	146	718181	36.79	ng	# 94
15) Benzyl Alcohol	7.01	79	478496	26.08	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1410804	40.32	ng	# 87
17) 2-Methylphenol	7.14	107	511450	30.97	ng	# 94
18) Hexachloroethane	7.38	117	313389	38.44	ng	# 92
19) n-Nitroso-di-n-propylamine	7.29	70	670781	45.43	ng	# 68
20) 3+4-Methylphenols	7.29	107	490626	25.27	ng	# 51
22) Acetophenone	7.29	105	1274824	45.12	ng	# 95
24) Nitrobenzene	7.46	77	1021569	47.71	ng	# 97
25) Isophorone	7.70	82	1782525	44.15	ng	# 99
26) 2-Nitrophenol	7.77	139	453752	46.56	ng	# 75
27) 2,4-Dimethylphenol	7.82	122	734946	37.26	ng	# 87
28) bis(2-Chloroethoxy)methane	7.92	93	1164793	47.23	ng	# 96
29) 2,4-Dichlorophenol	8.02	162	684715	41.67	ng	# 98
30) 1,2,4-Trichlorobenzene	8.10	180	754739	44.49	ng	# 96
31) Naphthalene	8.18	128	2235086	41.93	ng	# 97
32) Benzoic acid	7.89	122	139918	15.84	ng	# 92
33) 4-Chloroaniline	8.22	127	320391	13.11	ng	# 97
34) Hexachlorobutadiene	8.29	225	396171	40.63	ng	# 97
35) Caprolactam	8.61	113	33561	6.06	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	746863	40.58	ng	# 96
37) 2-Methylnaphthalene	8.86	142	1639991	42.85	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	670443	41.61	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	760522	78.18	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	519377	43.08	ng	95
43) 2,4,5-Trichlorophenol	9.20	196	504046	43.61	ng #	92
45) 1,1'-Biphenyl	9.33	154	1754475	39.38	ng	99
46) 2-Chloronaphthalene	9.36	162	1427094	40.78	ng	97
47) 2-Nitroaniline	9.46	65	574335	49.73	ng	93
48) Acenaphthylene	9.78	152	2398343	46.39	ng	97
49) Dimethylphthalate	9.64	163	1649192	41.16	ng #	89
50) 2,6-Dinitrotoluene	9.70	165	362669	41.26	ng #	46
51) Acenaphthene	9.95	154	1799430	51.89	ng	97
52) 3-Nitroaniline	9.87	138	241202	22.15	ng #	83
53) 2,4-Dinitrophenol	9.97	184	368664	97.65	ng #	80
54) Dibenzofuran	10.12	168	2142134	47.89	ng	94
55) 4-Nitrophenol	10.04	139	265273	33.56	ng	87
56) 2,4-Dinitrotoluene	10.10	165	515548	46.35	ng #	81
57) Fluorene	10.46	166	1654951	47.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	414334	41.99	ng	94
59) Diethylphthalate	10.34	149	1688694	42.74	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	721283	50.12	ng	95
61) 4-Nitroaniline	10.49	138	386223	39.78	ng	95
62) Azobenzene	10.61	77	1918139	44.26	ng	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	294472	49.46	ng	86
65) n-Nitrosodiphenylamine	10.58	169	1515268	48.07	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	507108	47.79	ng #	90
67) Hexachlorobenzene	11.00	284	500518	41.91	ng #	78
68) Atrazine	11.10	200	432300	41.91	ng	97
69) Pentachlorophenol	11.21	266	574191	92.72	ng	99
70) Phenanthrene	11.42	178	2519672	48.86	ng	95
71) Anthracene	11.47	178	2162352	42.78	ng	97
72) Carbazole	11.63	167	2194815	44.41	ng	98
73) Di-n-butylphthalate	11.96	149	2547396	49.82	ng #	95
74) Fluoranthene	12.60	202	2286859	42.45	ng	97
76) Benzidine	12.73	184	156240	5.70	ng	99
77) Pyrene	12.83	202	2358802	39.35	ng	97
79) Butylbenzylphthalate	13.46	149	1222784	47.14	ng	97
80) Benzo(a)anthracene	14.02	228	1847449	41.19	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	316579	20.23	ng #	98
82) Chrysene	14.05	228	1831421	42.50	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1482268	45.23	ng #	96
84) Di-n-octyl phthalate	14.63	149	2368035	42.80	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1701939	49.82	ng	100
87) Benzo(h)fluoranthene	15.08	252	3389143	82.90	ng	98
88) Benzo(k)fluoranthene	15.08	252	3389143	101.37	ng #	97
89) Benzo(a)pyrene	15.40	252	1571301	45.32	ng #	97
90) Dibenzo(a,h)anthracene	16.89	278	1384917	46.42	ng #	95
91) Benzo(g,h,i)perylene	17.29	276	1455541	47.11	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

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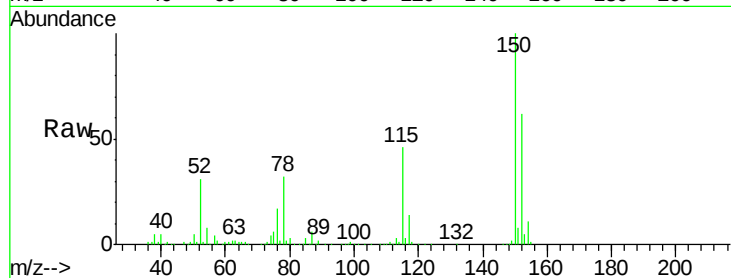
Tgt Ion:152 Resp: 280937

Ion Ratio Lower Upper

152 100

150 161.5 123.0 184.4

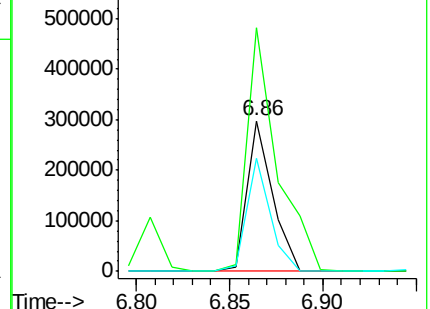
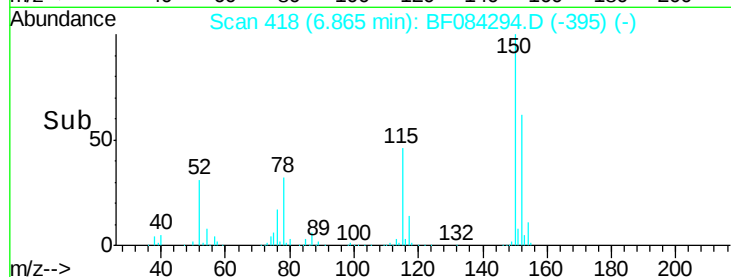
115 74.8 51.4 77.2



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: 14.51 ng

RT: 2.49 min Scan# 35

Delta R.T. -0.05 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

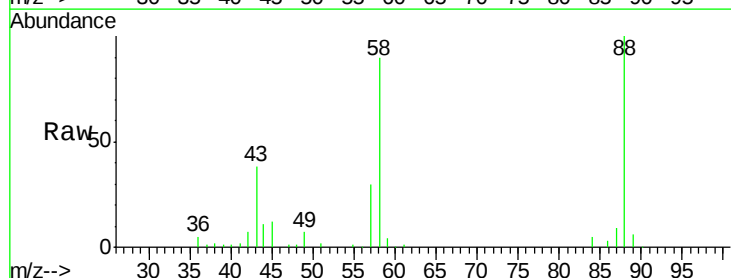
Tgt Ion: 88 Resp: 119381

Ion Ratio Lower Upper

88 100

58 86.5 51.2 76.8#

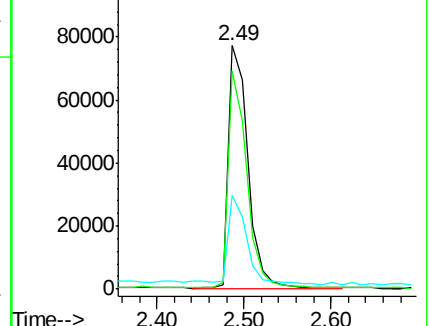
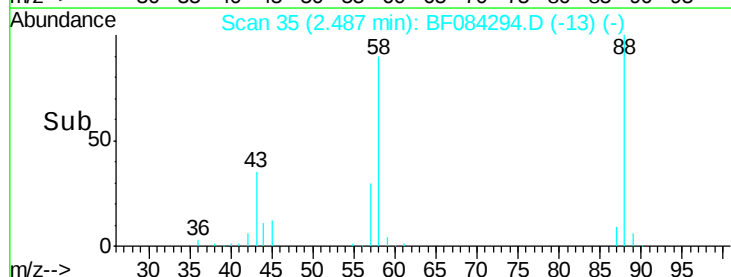
43 34.8 19.5 29.3#

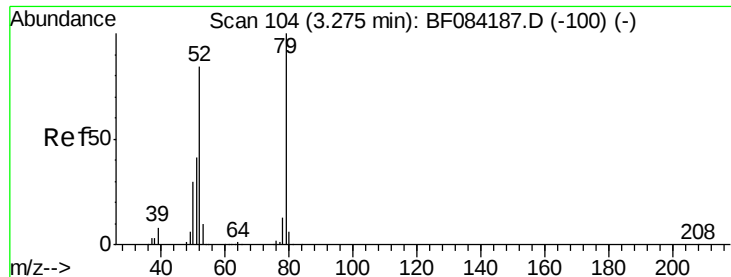


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.81 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

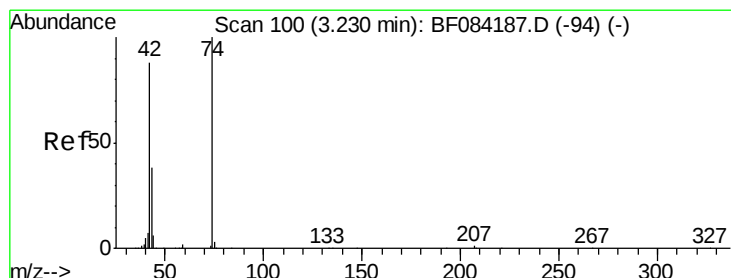
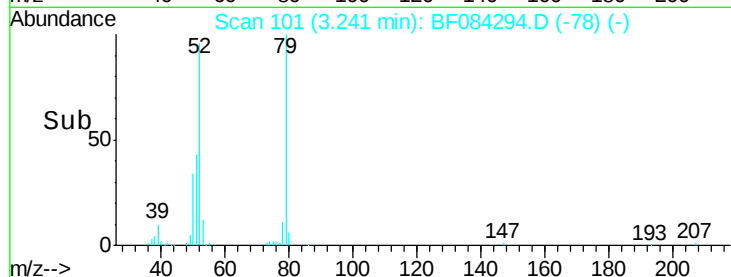
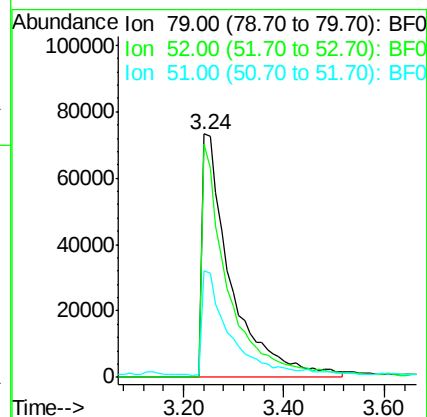
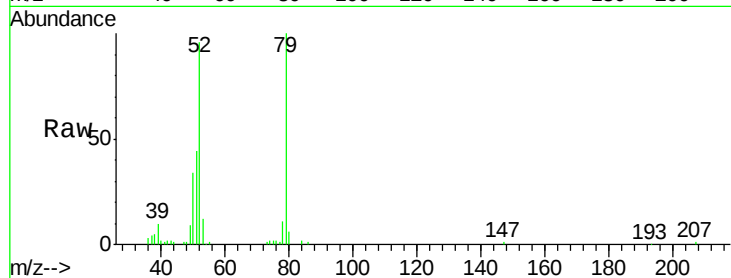
Tgt Ion: 79 Resp: 293804

Ion Ratio Lower Upper

79 100

52 96.0 49.0 73.4#

51 43.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 16.17 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.07 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

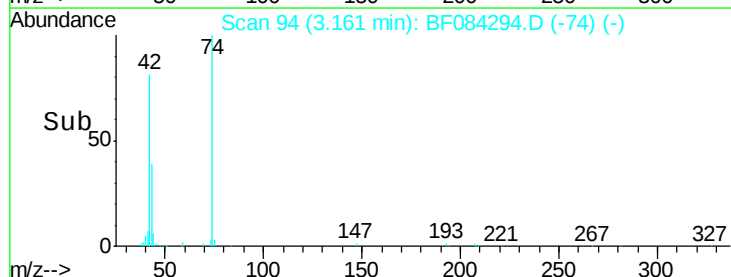
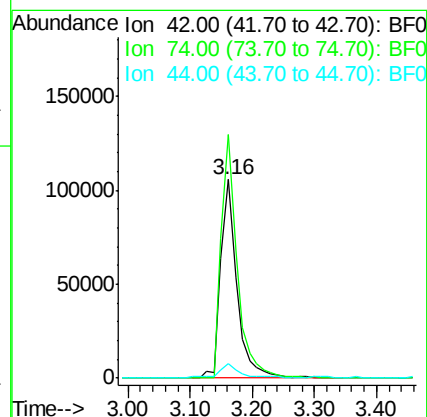
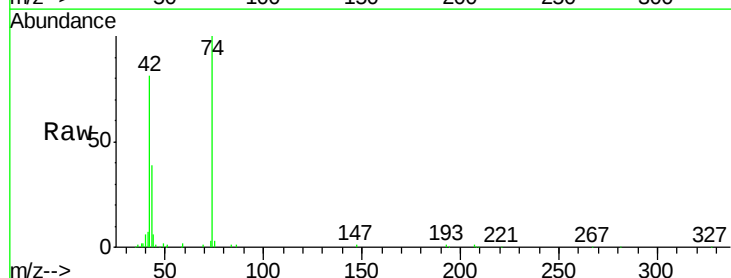
Tgt Ion: 42 Resp: 190369

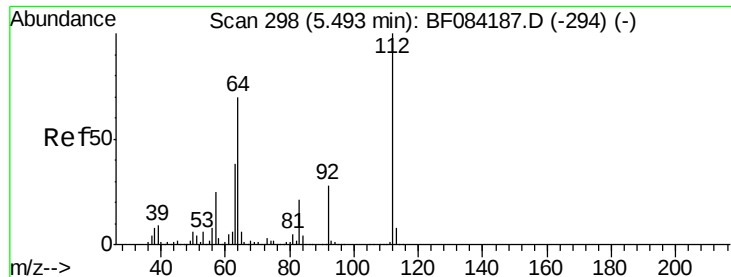
Ion Ratio Lower Upper

42 100

74 122.8 115.7 173.5

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 64.01 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

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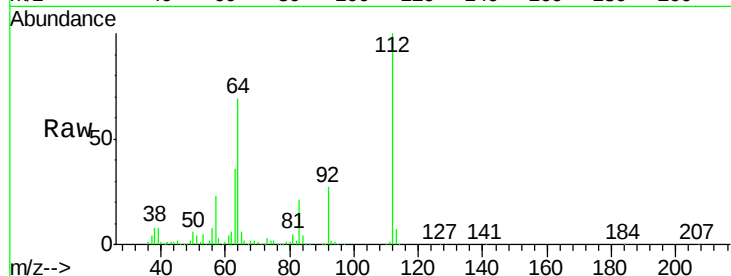
Tgt Ion:112 Resp: 1111717

Ion Ratio Lower Upper

112 100

64 68.9 36.6 55.0#

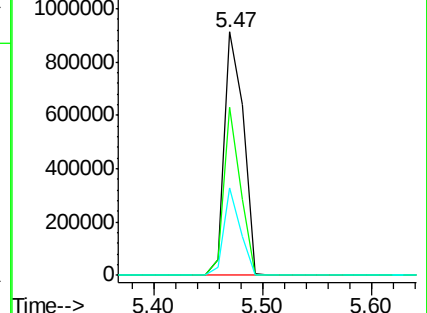
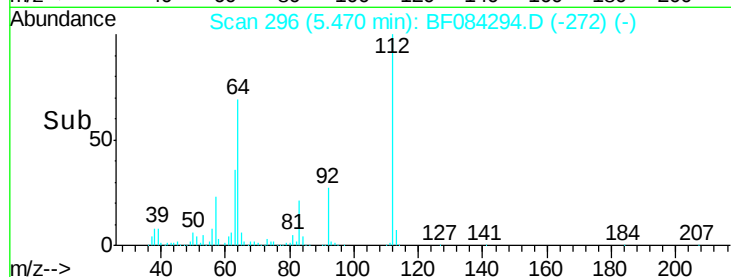
63 35.9 19.4 29.0#



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: 17.88 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

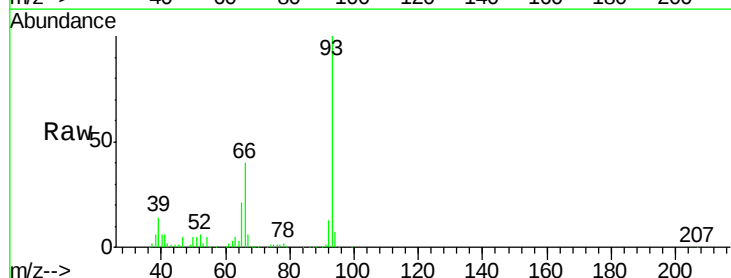
Tgt Ion: 93 Resp: 570551

Ion Ratio Lower Upper

93 100

66 40.1 44.9 67.3#

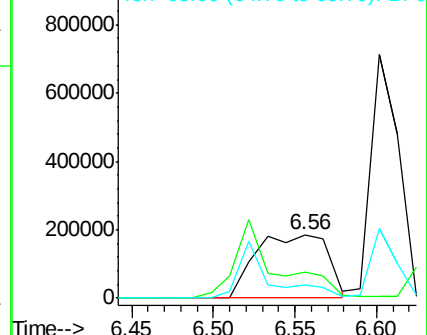
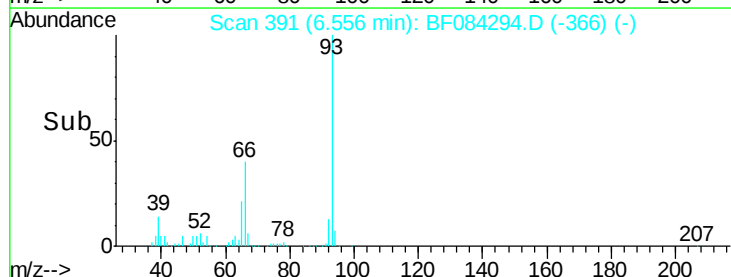
65 20.9 23.7 35.5#

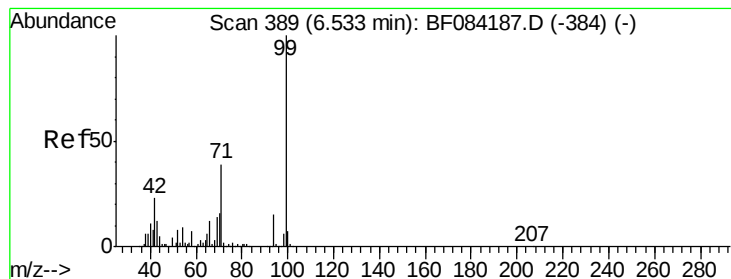


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.24 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

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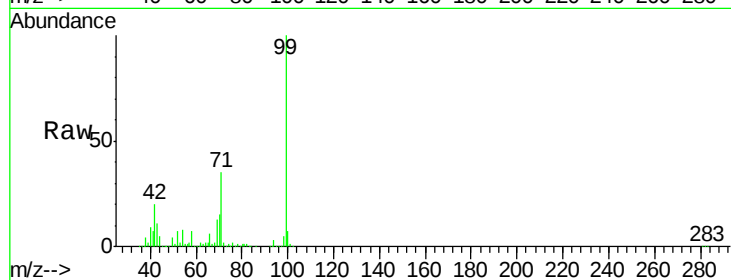
Tgt Ion: 99 Resp: 943201

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

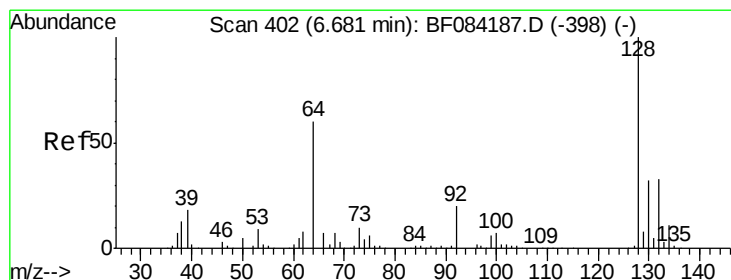
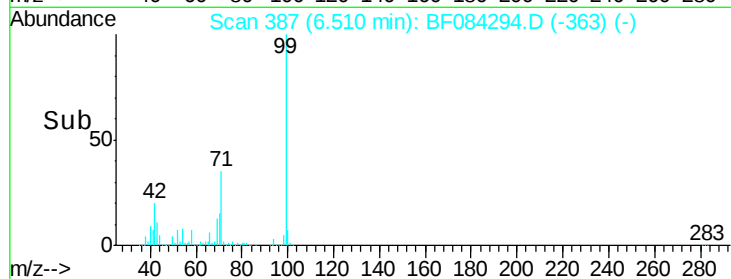
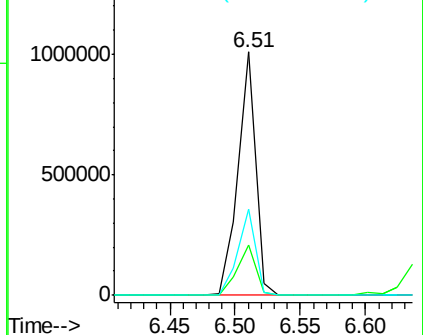
71 35.4 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.91 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

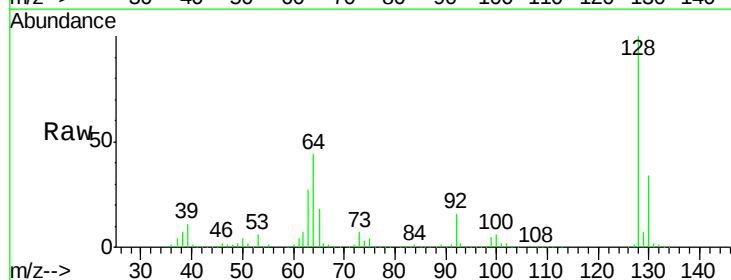
Tgt Ion: 128 Resp: 766831

Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

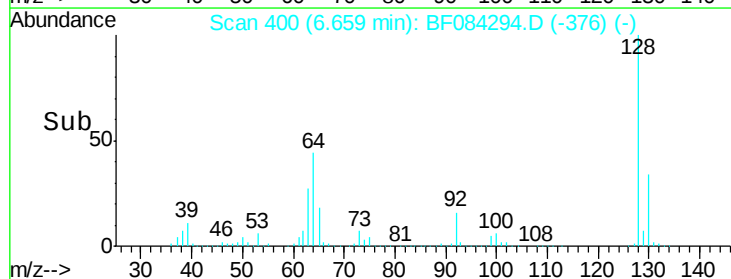
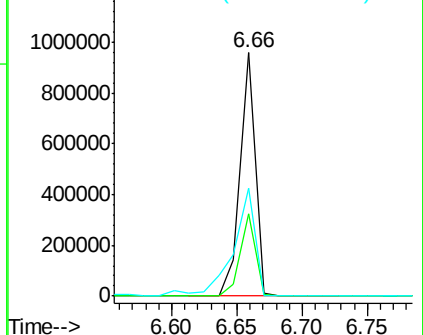
64 44.5 23.8 63.8

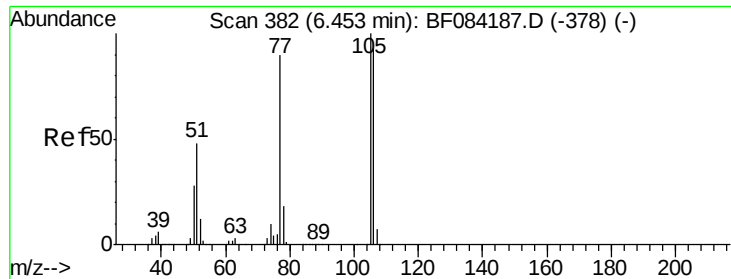


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.22 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

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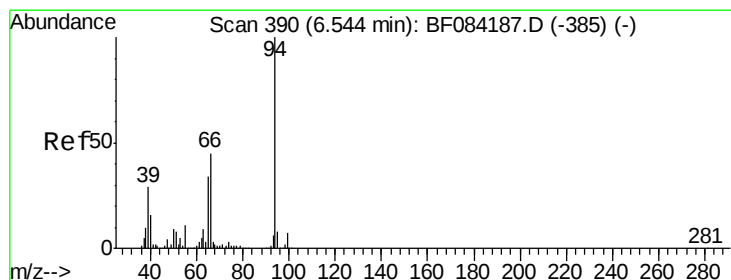
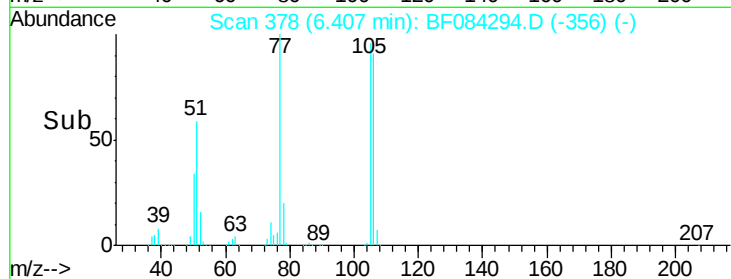
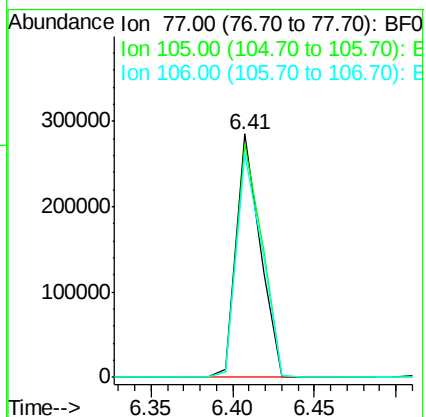
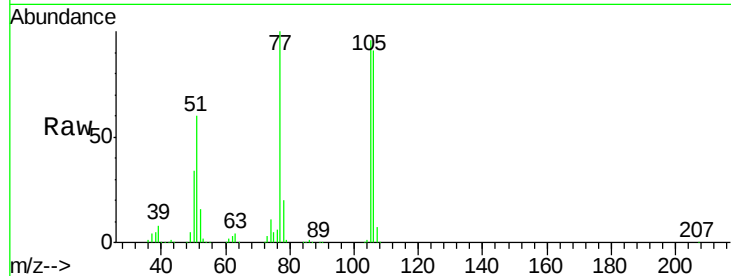
Tgt Ion: 77 Resp: 287158

Ion Ratio Lower Upper

77 100

105 95.6 83.0 123.0

106 91.5 74.6 114.6



#10

Phenol

Concen: 16.35 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

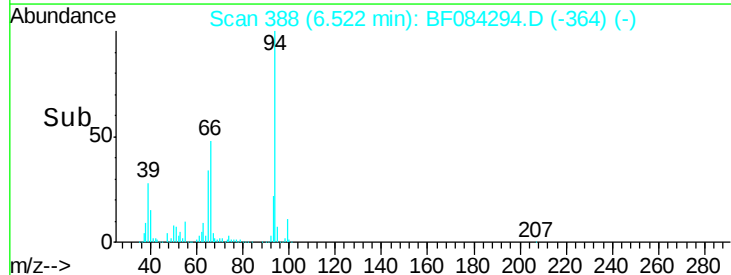
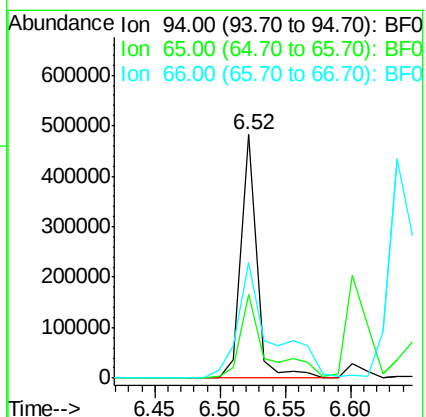
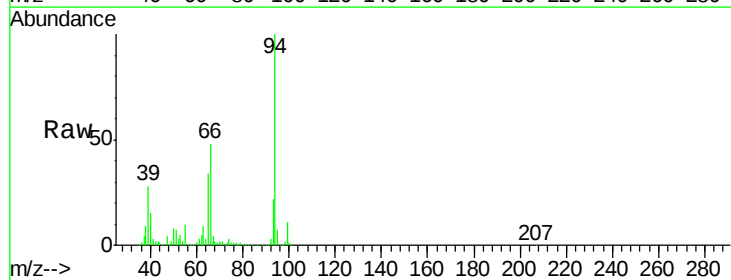
Tgt Ion: 94 Resp: 405600

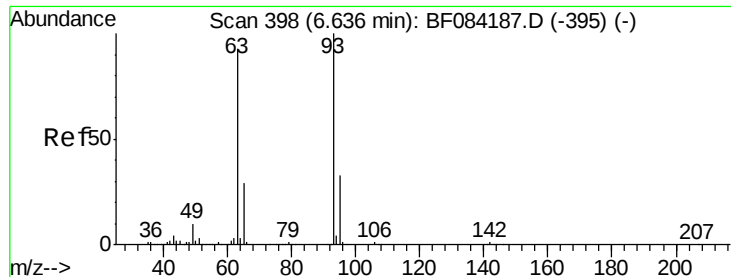
Ion Ratio Lower Upper

94 100

65 34.3 12.9 52.9

66 47.6 32.7 72.7

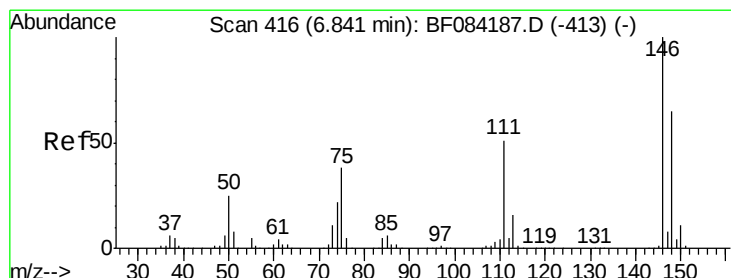
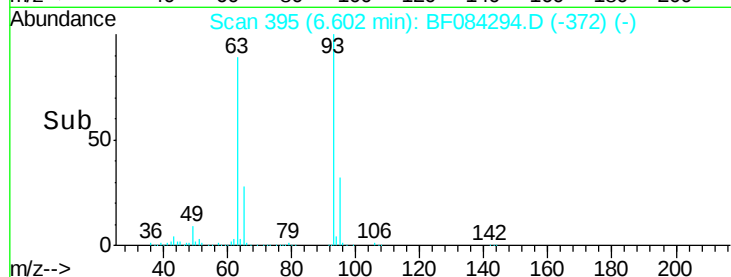
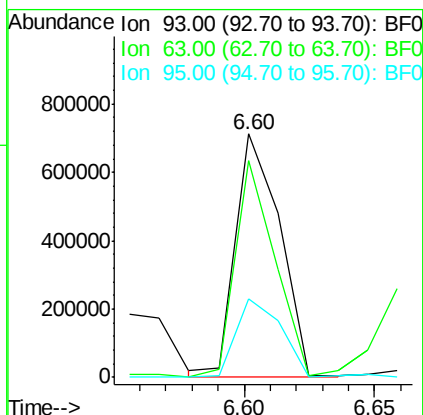
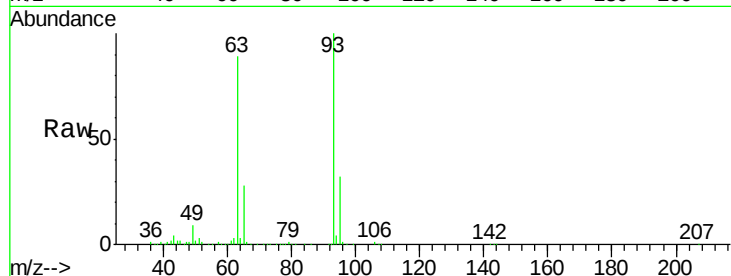




#11
bis(2-Chloroethyl)ether
Concen: 43.80 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

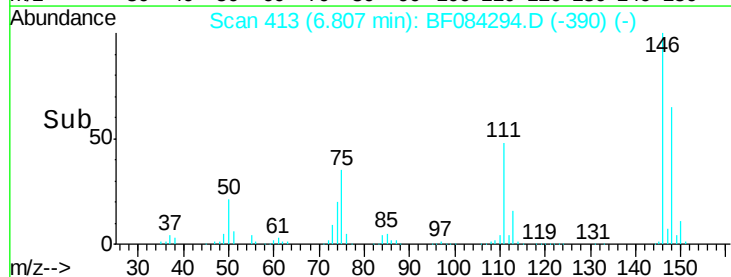
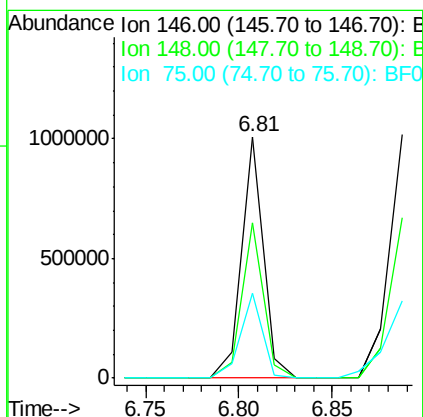
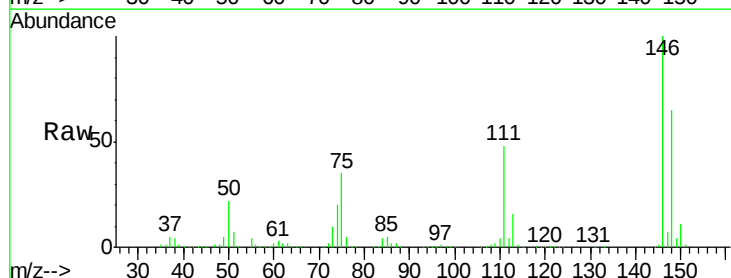
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

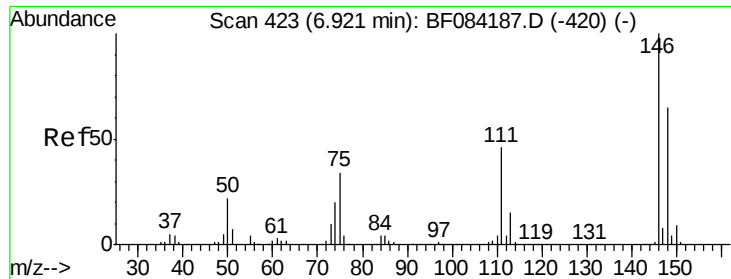
Tgt Ion: 93 Resp: 841590
Ion Ratio Lower Upper
93 100
63 89.3 45.9 85.9#
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.41 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion: 146 Resp: 821530
Ion Ratio Lower Upper
146 100
148 64.6 51.9 77.9
75 35.4 20.5 30.7#

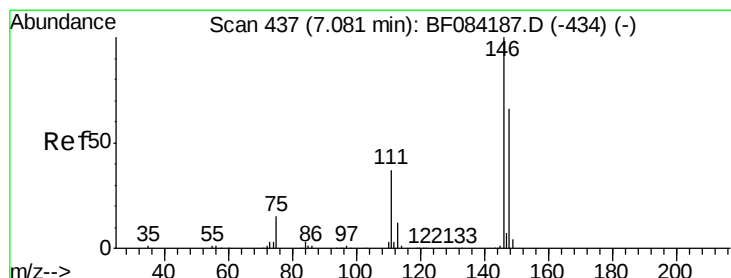
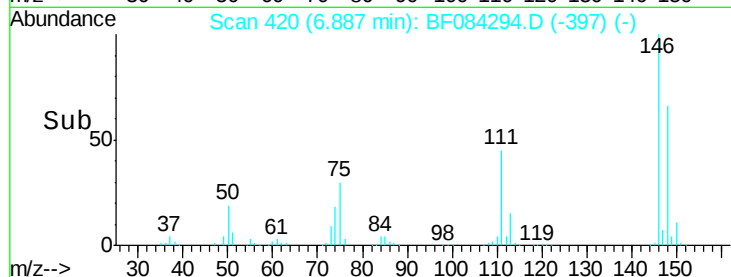
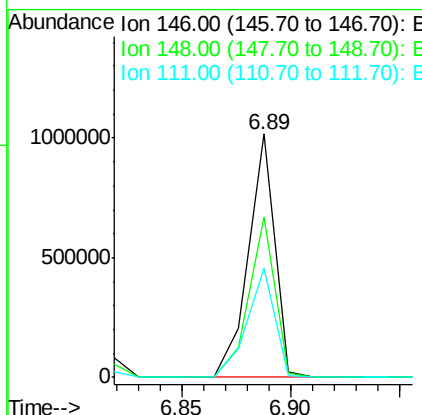
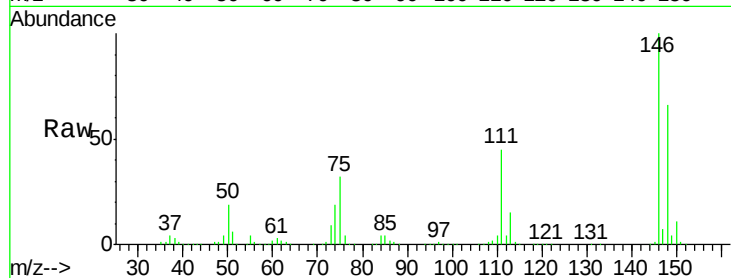




#13
 1,4-Dichlorobenzene
 Concen: 41.99 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

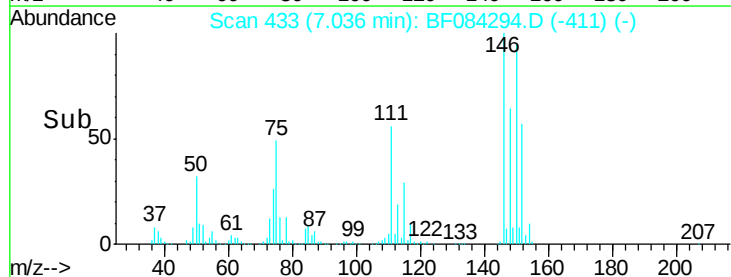
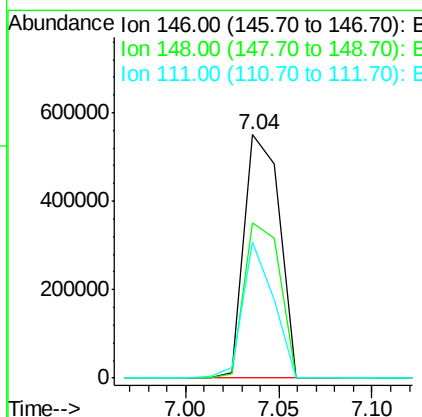
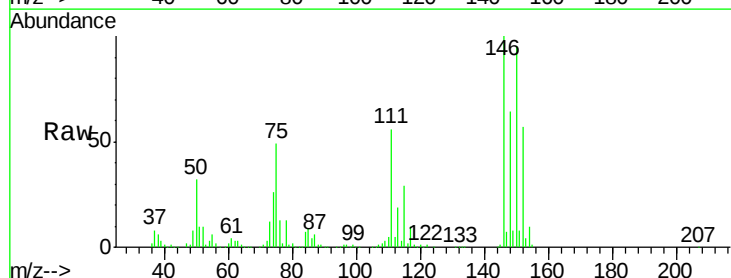
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

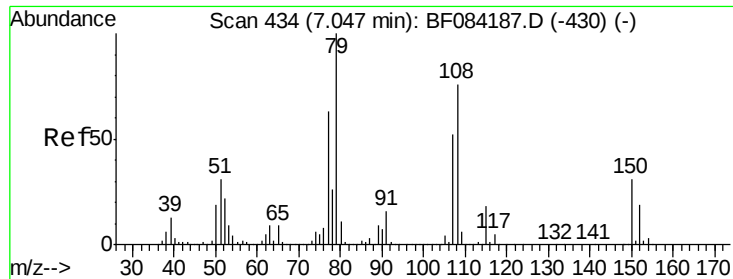
Tgt Ion:146 Resp: 855967
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.9 77.9
 111 45.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 36.79 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:146 Resp: 718181
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 56.0 38.0 57.0





#15

Benzyl Alcohol

Concen: 26.08 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

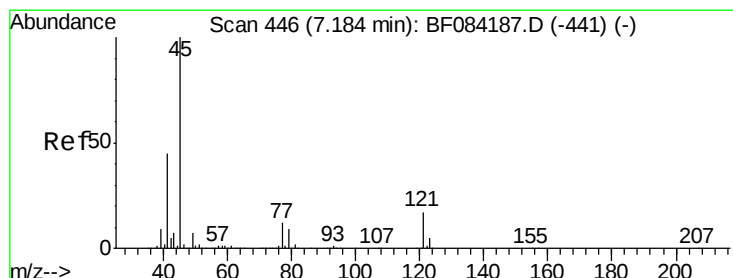
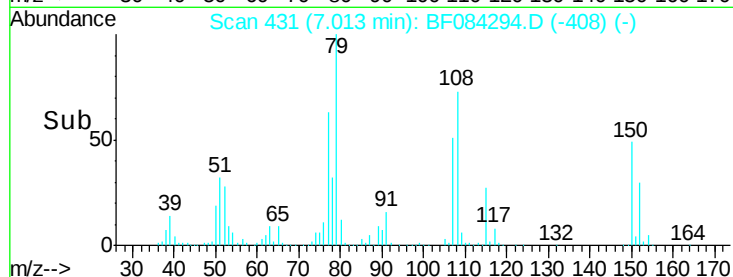
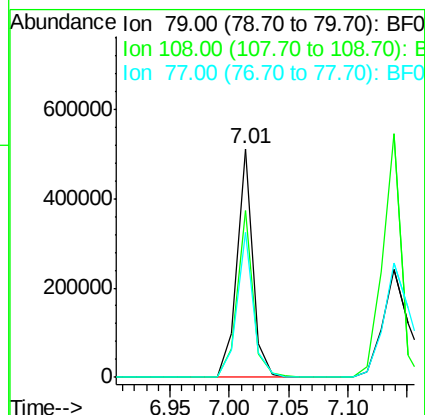
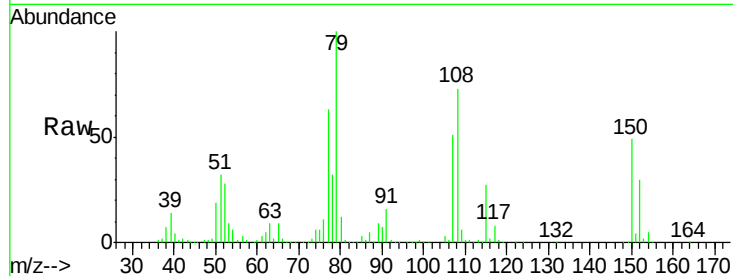
Tgt Ion: 79 Resp: 478496

Ion Ratio Lower Upper

79 100

108 73.2 69.0 103.4

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.32 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

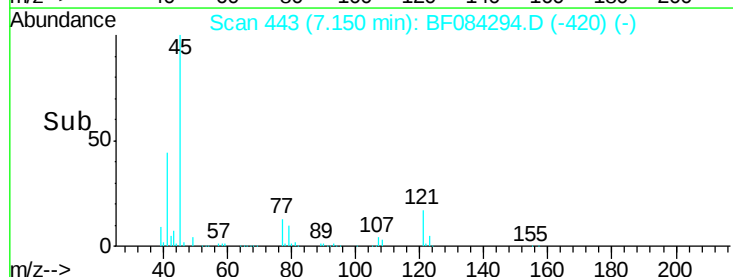
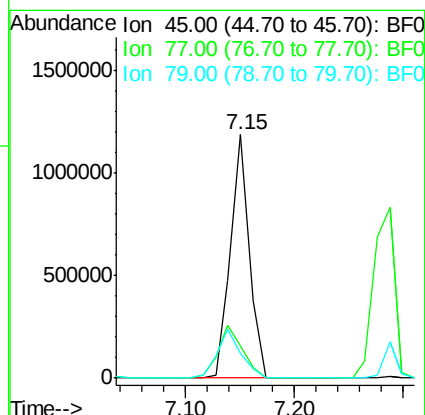
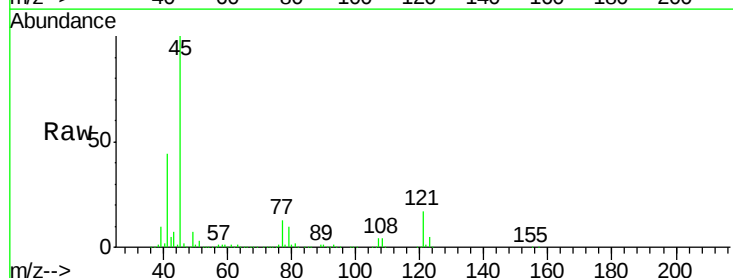
Tgt Ion: 45 Resp: 1410804

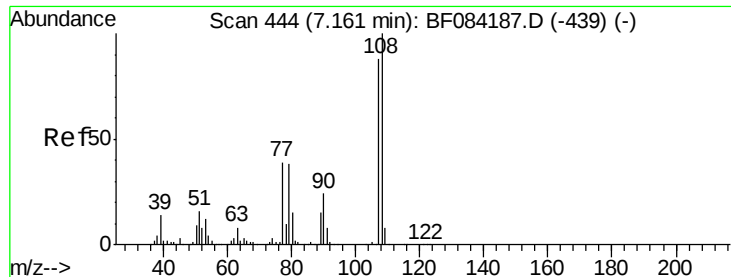
Ion Ratio Lower Upper

45 100

77 13.1 0.0 39.6

79 10.3 0.0 35.0





#17

2-Methylphenol

Concen: 30.97 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tgt Ion:107 Resp: 511450

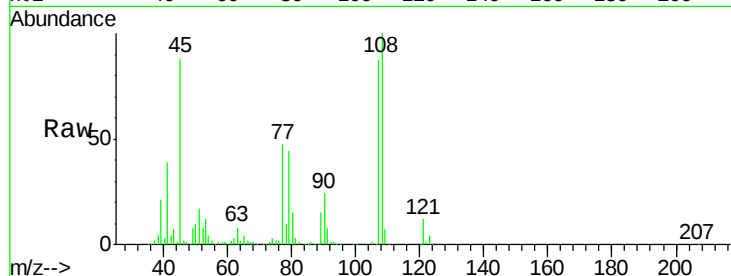
Ion Ratio Lower Upper

107 100

108 114.6 89.8 134.6

77 53.7 35.7 53.5#

79 50.7 35.7 53.5



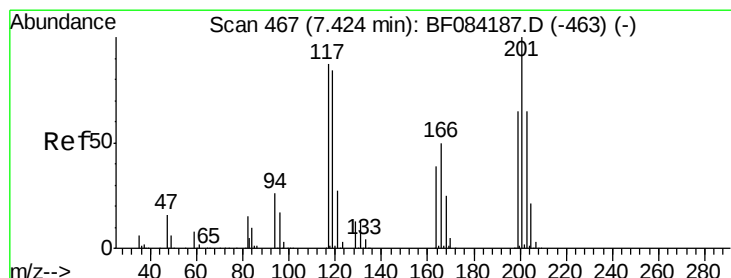
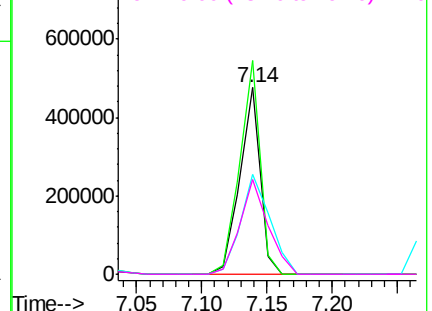
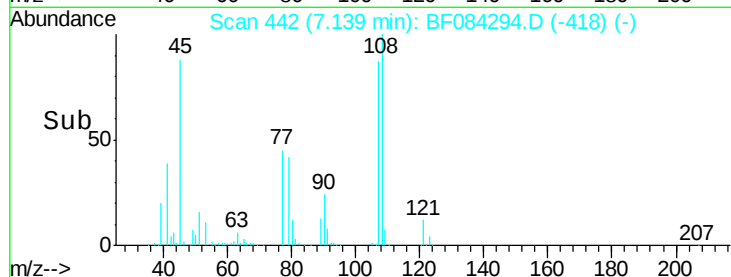
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.44 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

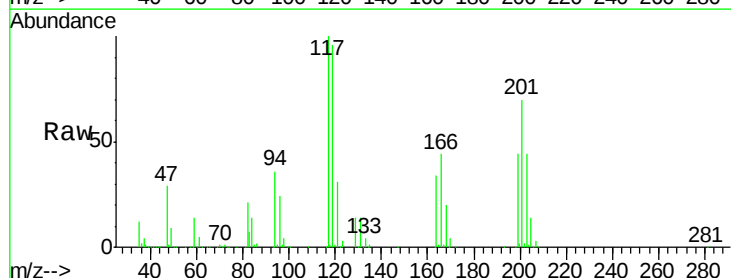
Tgt Ion:117 Resp: 313389

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0

201 70.0 68.6 103.0

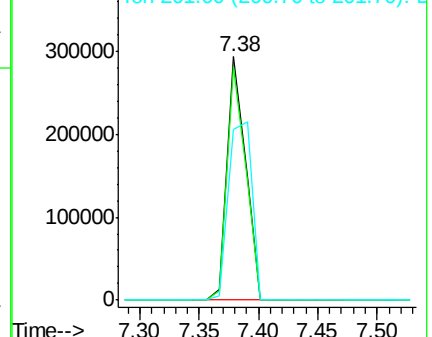
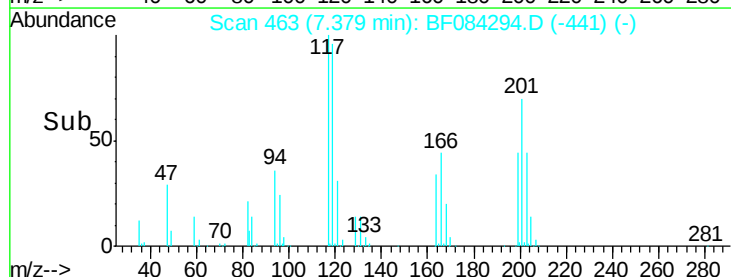


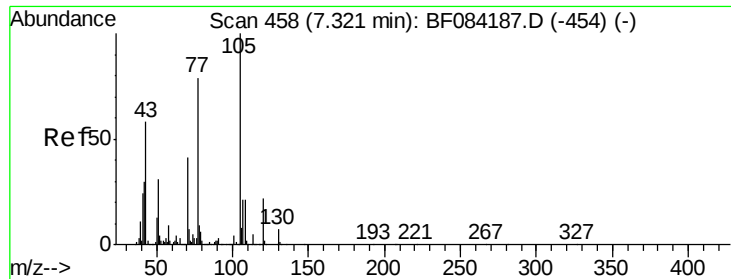
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

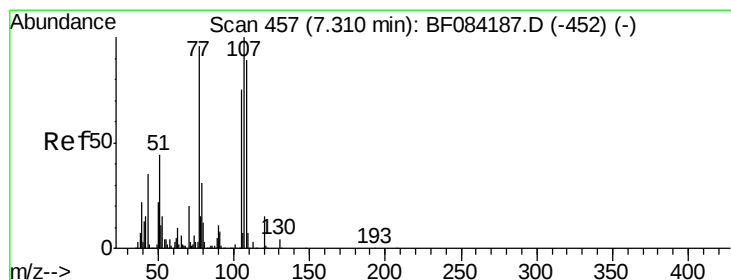
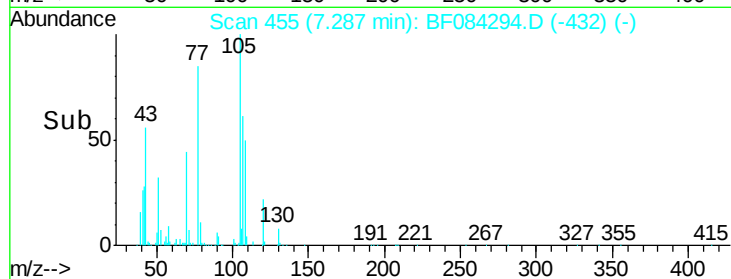
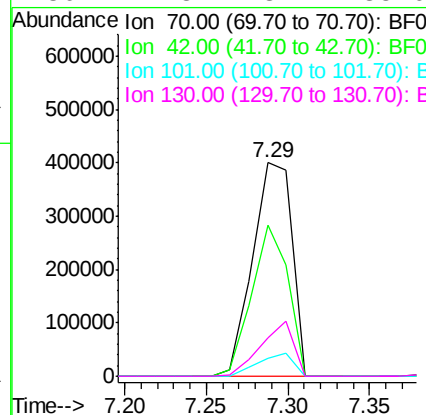
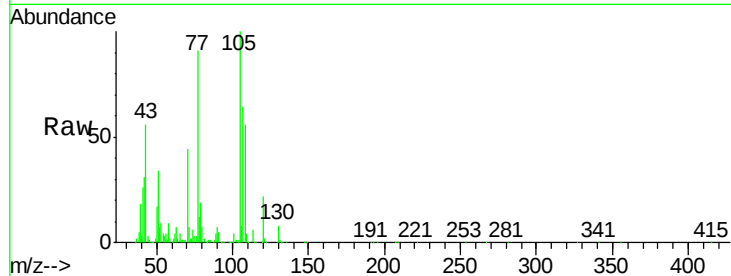




#19
n-Nitroso-di-n-propylamine
Concen: 45.43 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

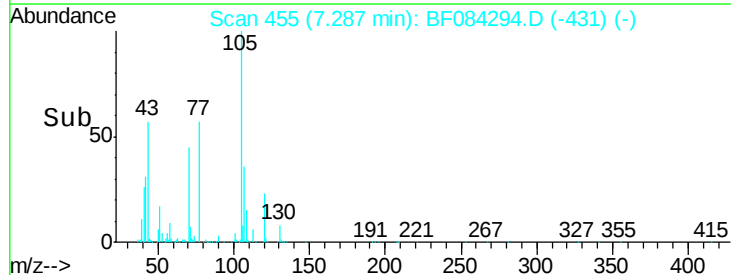
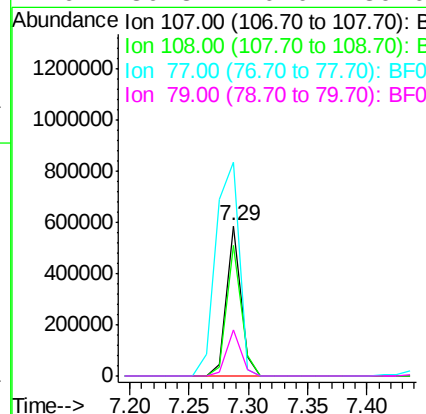
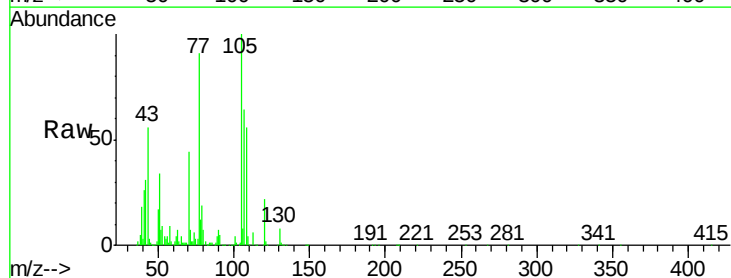
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tgt Ion: 70 Resp: 670781
Ion Ratio Lower Upper
70 100
42 70.9 33.3 49.9#
101 8.5 9.3 13.9#
130 17.8 23.4 35.0#



#20
3+4-Methylphenols
Concen: 25.27 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion: 107 Resp: 490626
Ion Ratio Lower Upper
107 100
108 86.9 74.6 114.6
77 142.0 0.7 40.7#
79 30.3 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tgt Ion:136 Resp: 1175014

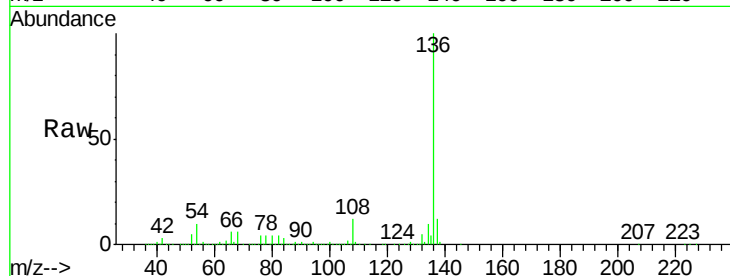
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 9.9 5.8 8.8#

68 5.7 4.2 6.2

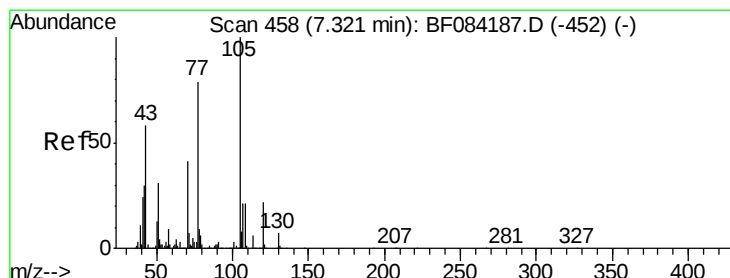
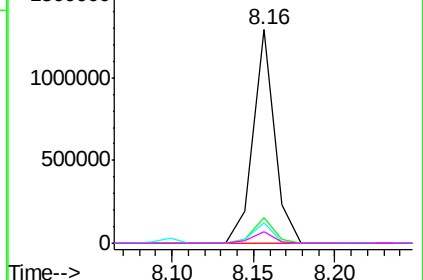
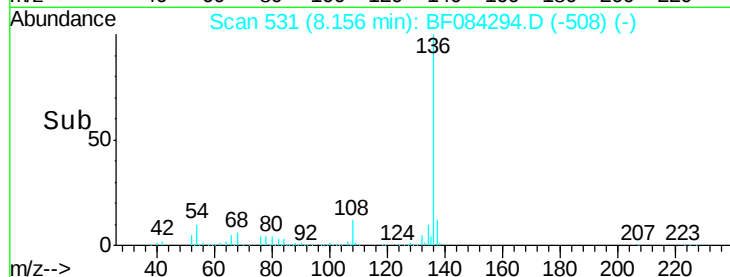


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.12 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:105 Resp: 1274824

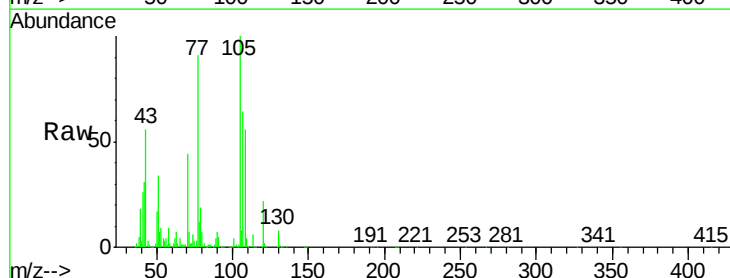
Ion Ratio Lower Upper

105 100

71 7.3 3.7 5.5#

51 34.3 25.1 37.7

120 22.2 16.6 25.0

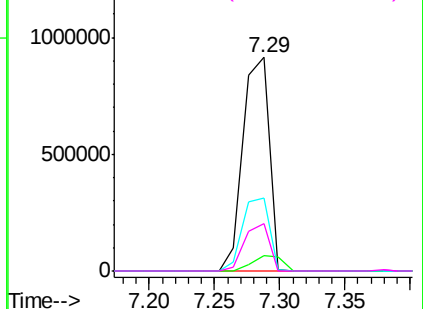
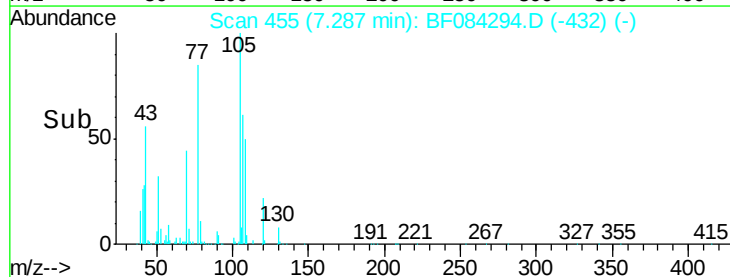


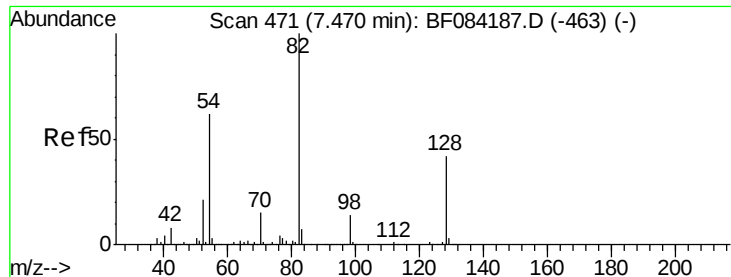
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 93.29 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

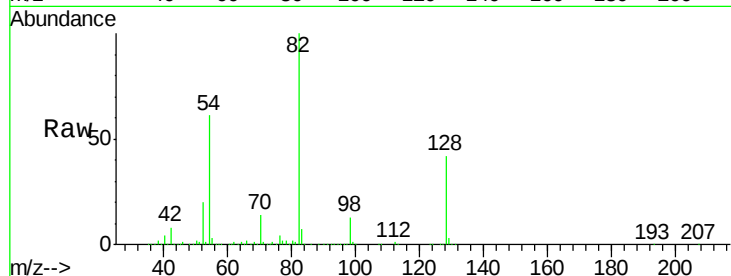
Tgt Ion: 82 Resp: 1969528

Ion Ratio Lower Upper

82 100

128 41.8 34.6 51.8

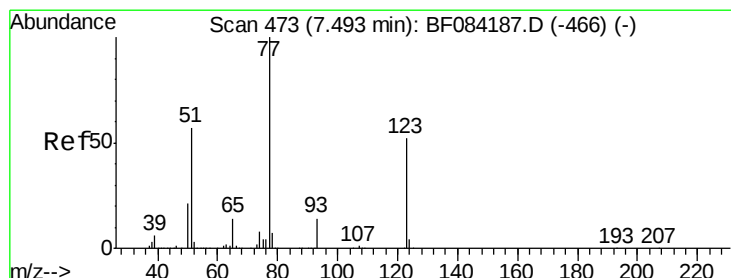
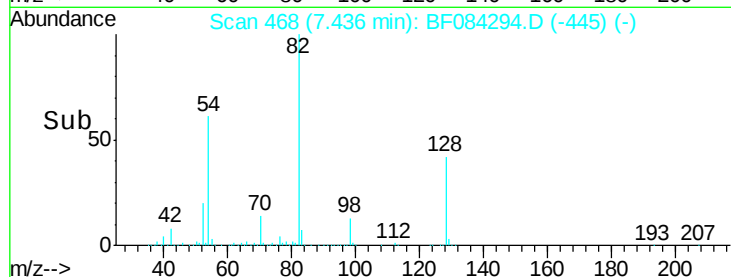
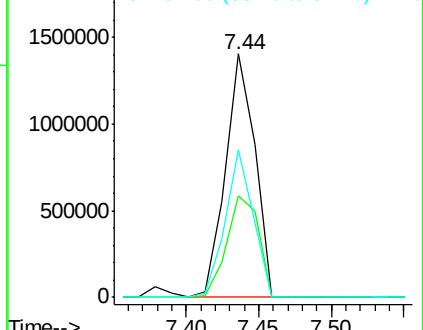
54 60.7 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.71 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

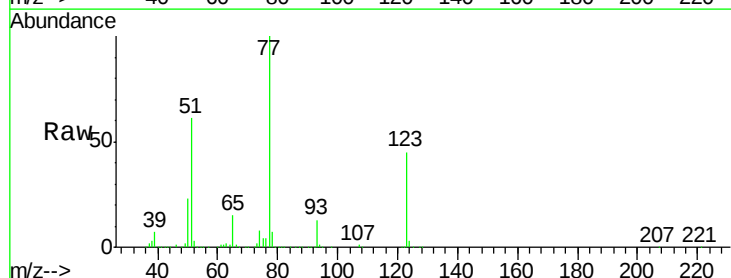
Tgt Ion: 77 Resp: 1021569

Ion Ratio Lower Upper

77 100

123 45.3 37.4 56.2

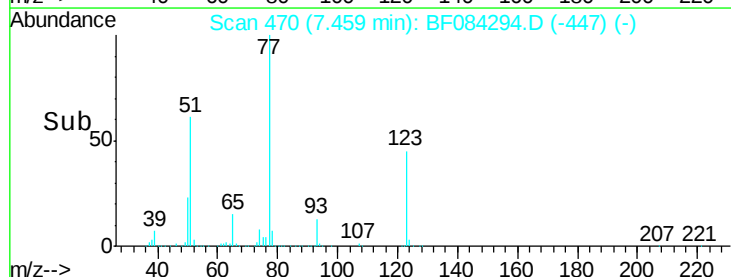
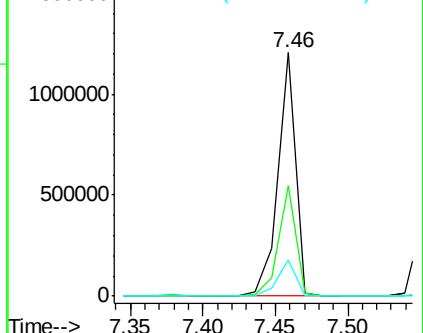
65 15.0 10.9 16.3

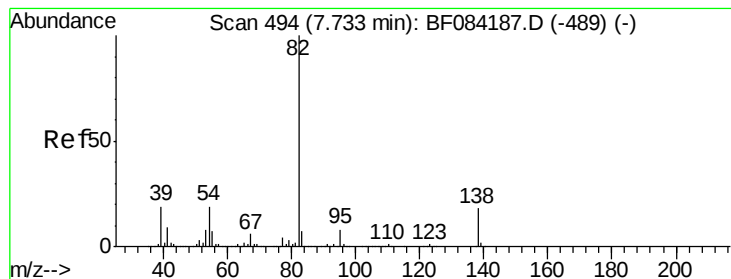


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.15 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

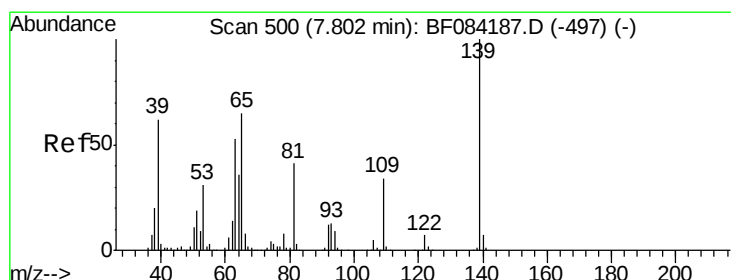
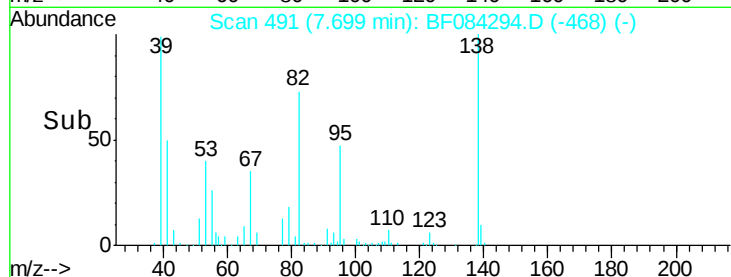
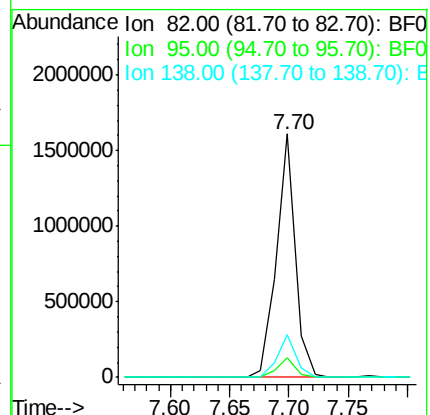
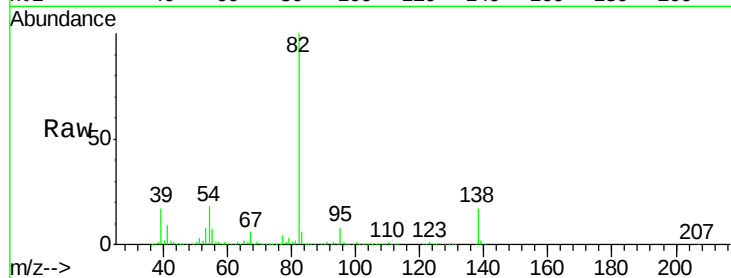
Tgt Ion: 82 Resp: 1782525

Ion Ratio Lower Upper

82 100

95 8.2 6.6 10.0

138 17.4 13.6 20.4



#26

2-Nitrophenol

Concen: 46.56 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

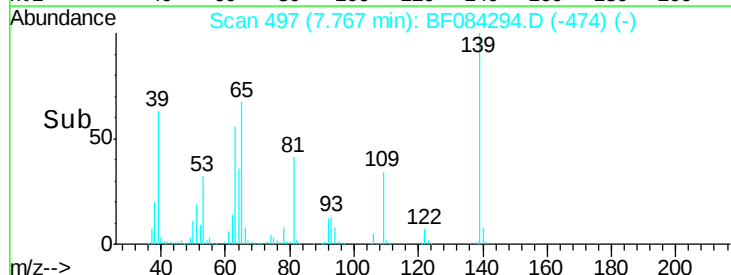
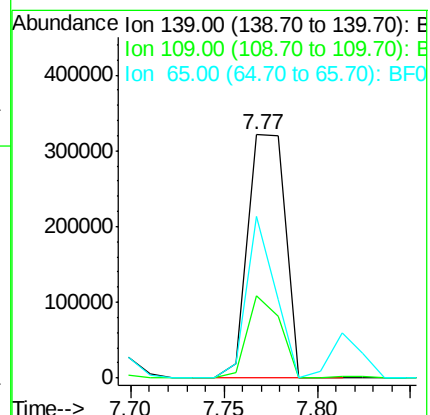
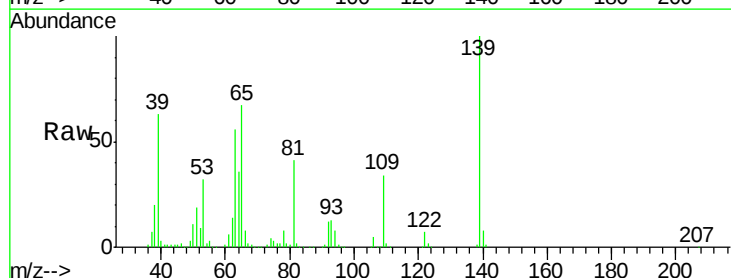
Tgt Ion: 139 Resp: 453752

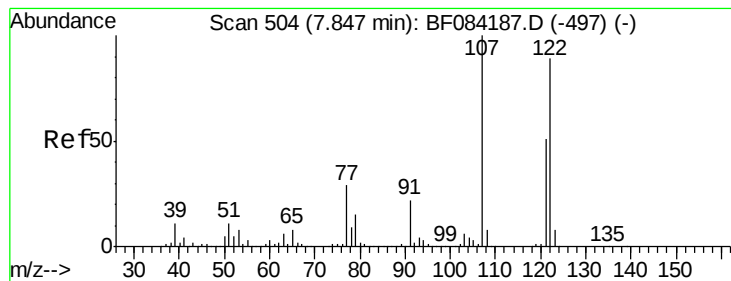
Ion Ratio Lower Upper

139 100

109 33.7 25.4 38.2

65 66.6 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.26 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

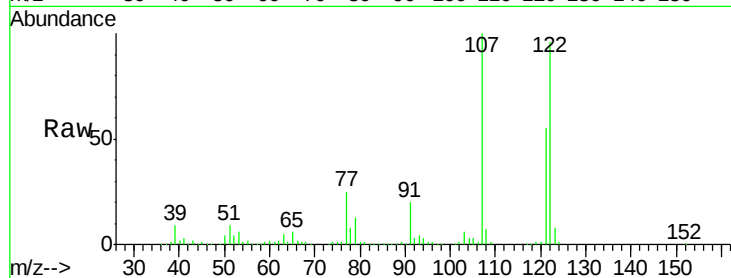
Tgt Ion:122 Resp: 734946

Ion Ratio Lower Upper

122 100

107 104.5 99.1 148.7

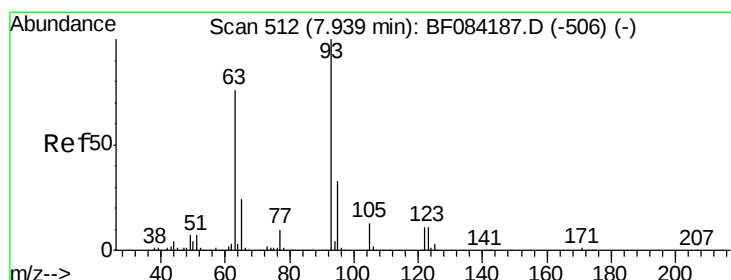
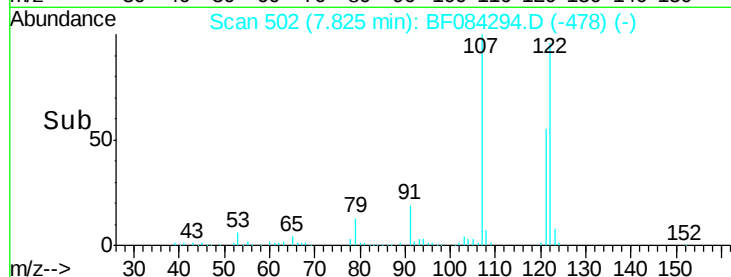
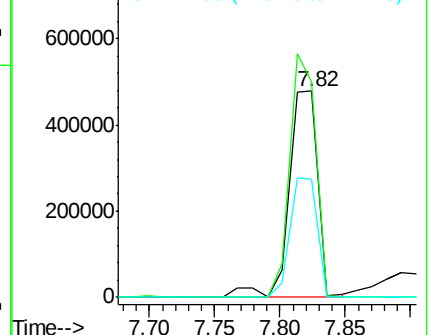
121 57.1 47.9 71.9



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: 47.23 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

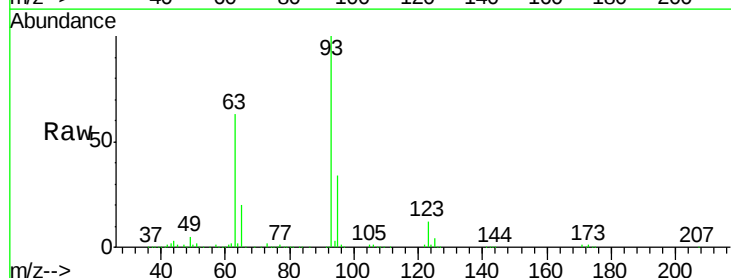
Tgt Ion: 93 Resp: 1164793

Ion Ratio Lower Upper

93 100

95 34.1 25.8 38.6

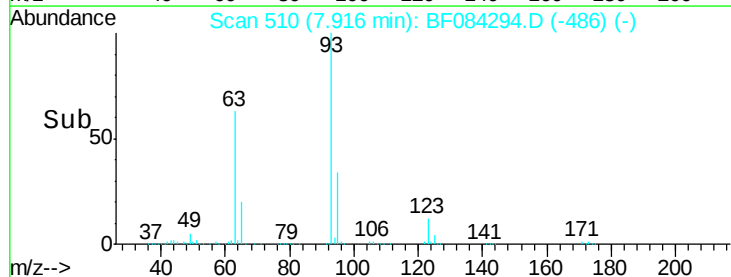
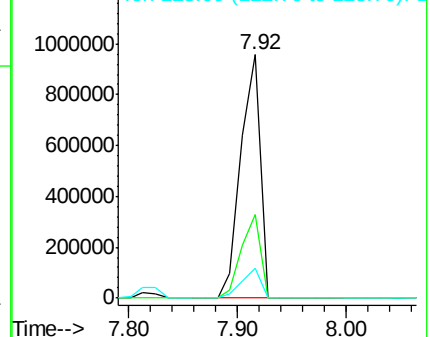
123 12.1 8.6 12.8



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: 41.67 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

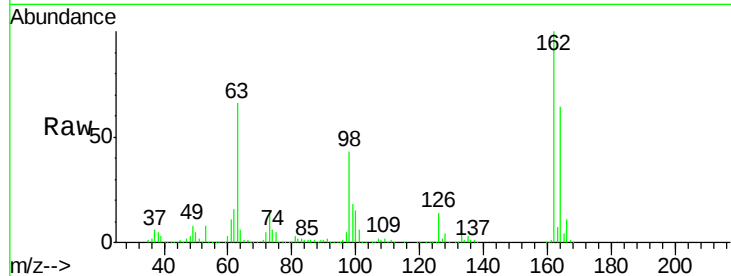
Tgt Ion:162 Resp: 684715

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

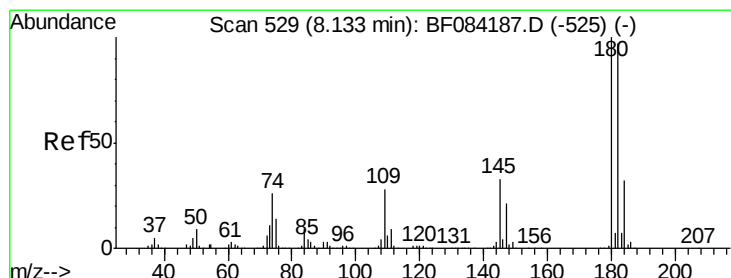
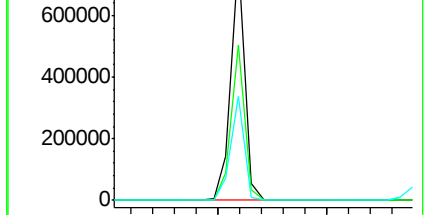
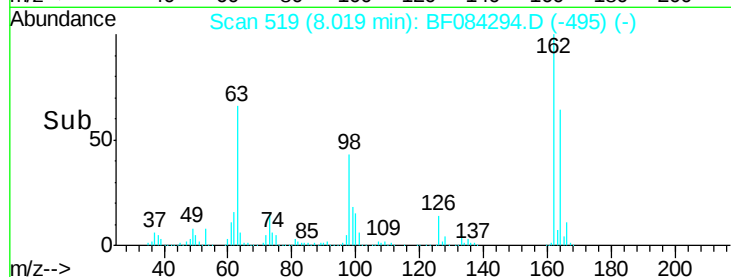
98 42.5 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 44.49 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

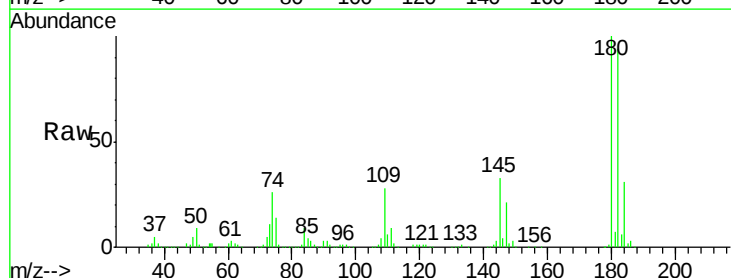
Tgt Ion:180 Resp: 754739

Ion Ratio Lower Upper

180 100

182 93.8 76.4 114.6

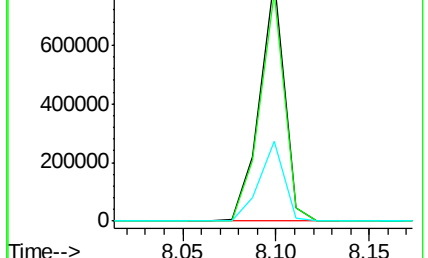
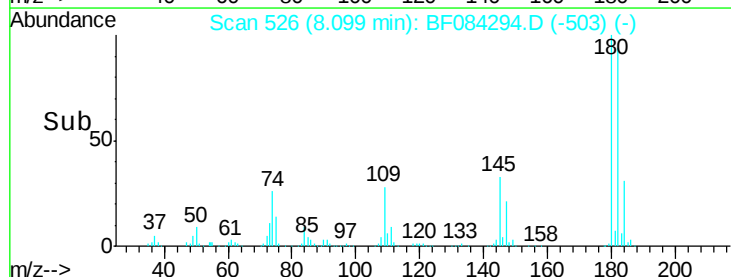
145 32.8 31.6 47.4

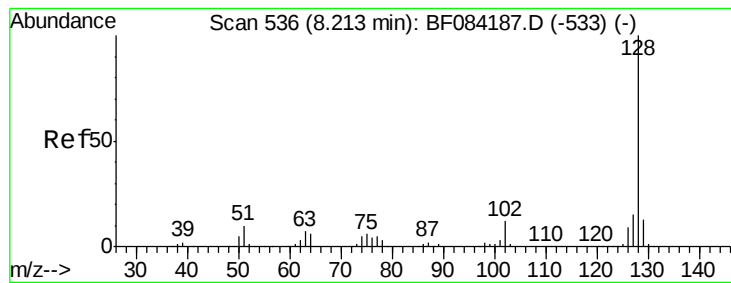


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.93 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

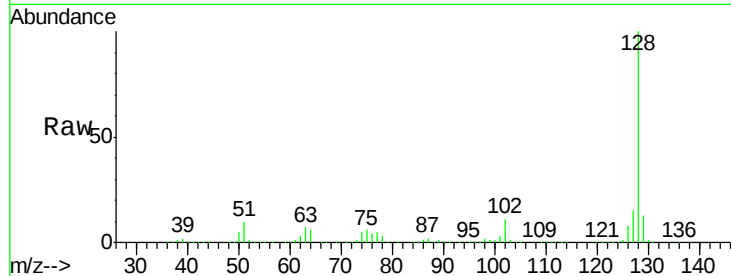
Tgt Ion:128 Resp: 2235086

Ion Ratio Lower Upper

128 100

129 12.8 9.1 13.7

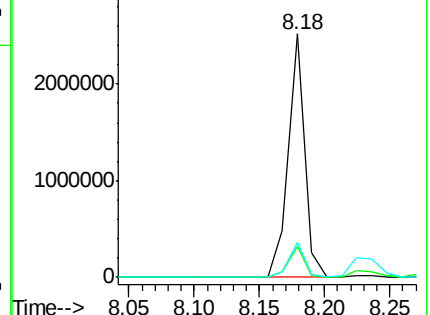
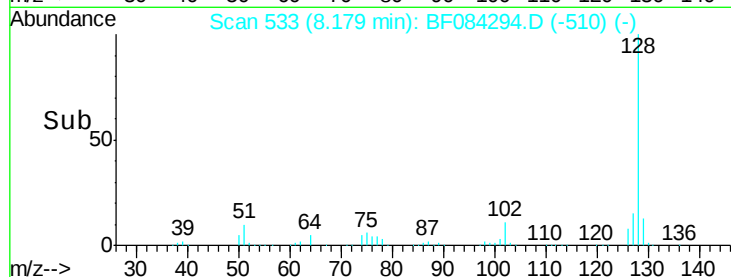
127 14.6 11.1 16.7



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: 15.84 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

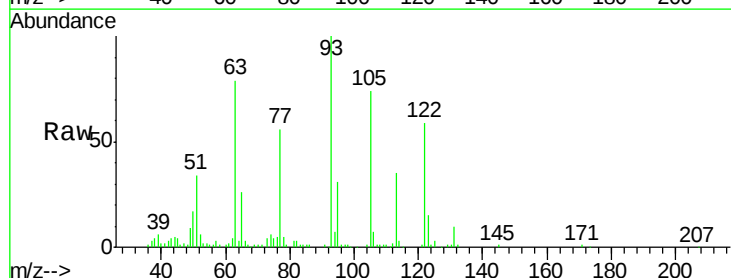
Tgt Ion:122 Resp: 139918

Ion Ratio Lower Upper

122 100

105 125.6 100.3 140.3

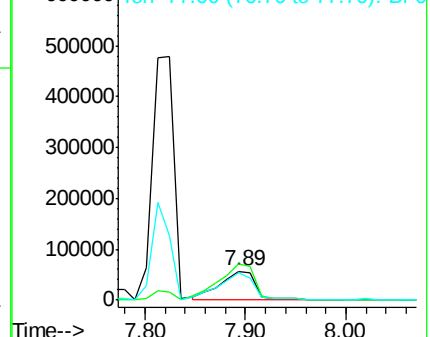
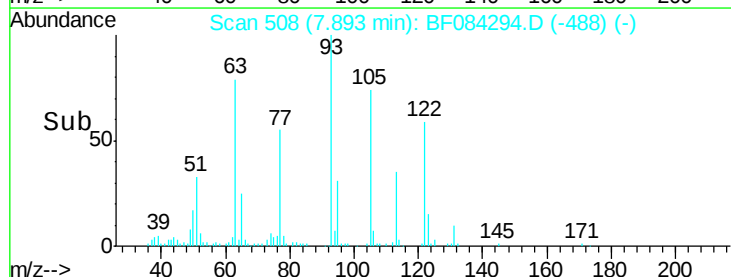
77 95.2 63.5 103.5

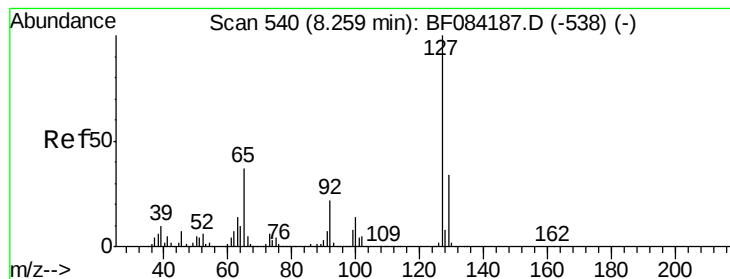


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.11 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tgt Ion:127 Resp: 320391

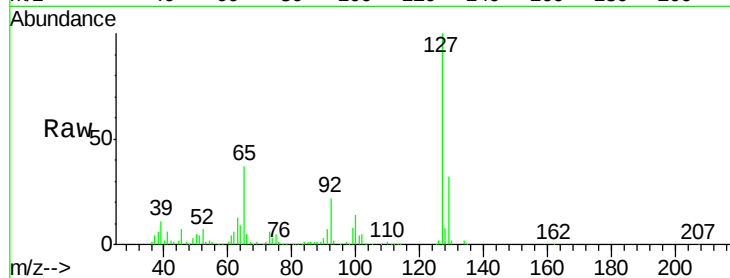
Ion Ratio Lower Upper

127 100

129 31.9 26.5 39.7

65 36.6 27.2 40.8

92 22.4 17.7 26.5

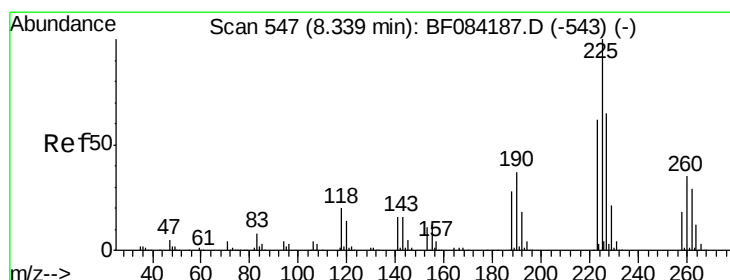
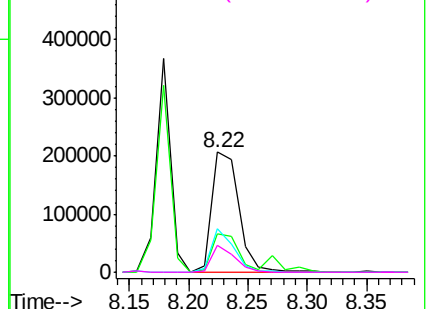
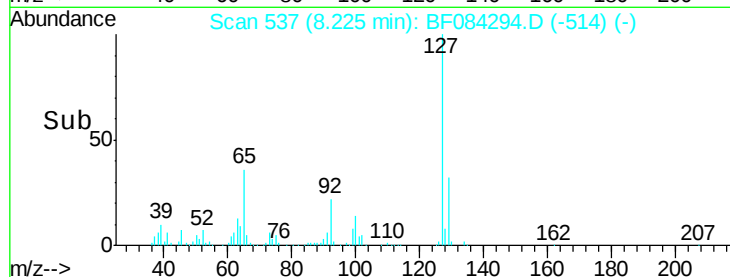


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.63 ng

RT: 8.29 min Scan# 543

Delta R.T. -0.05 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

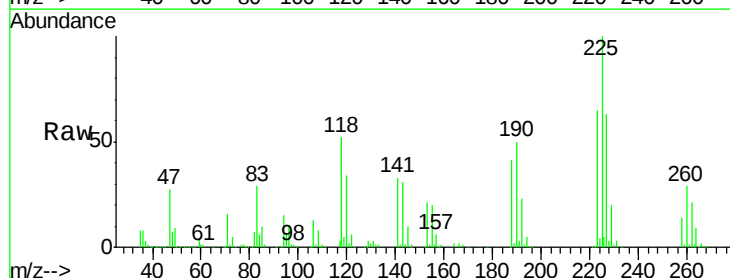
Tgt Ion:225 Resp: 396171

Ion Ratio Lower Upper

225 100

223 65.4 49.4 74.0

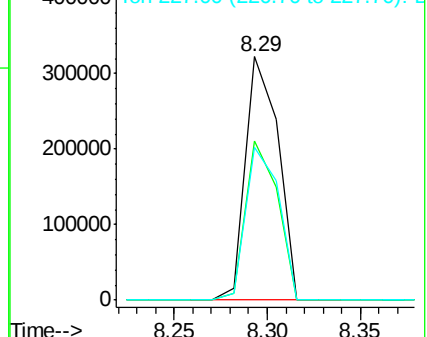
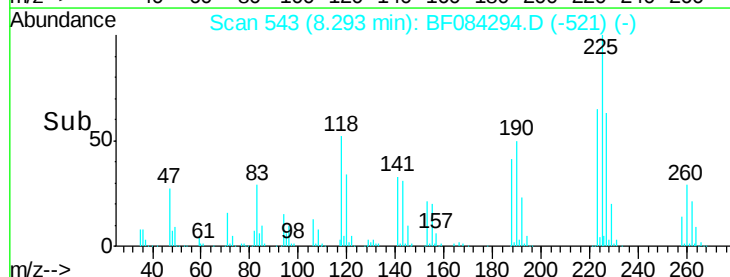
227 63.0 50.8 76.2

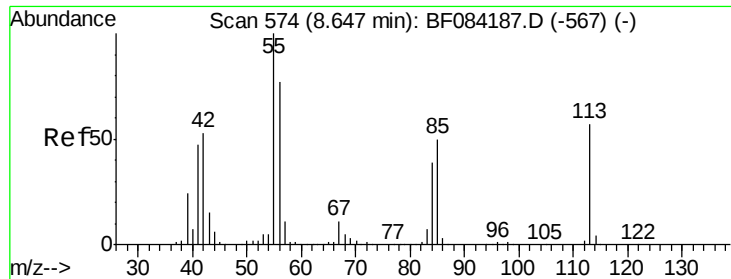


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

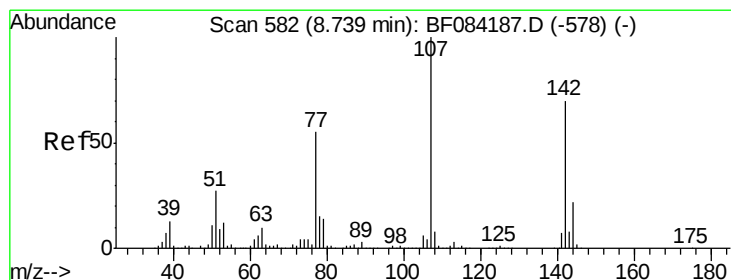
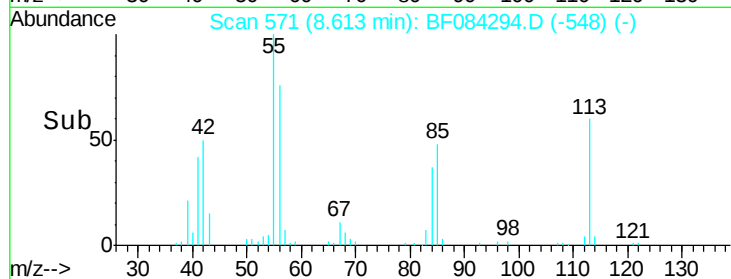
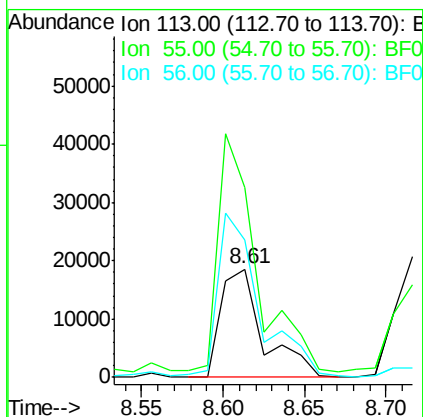
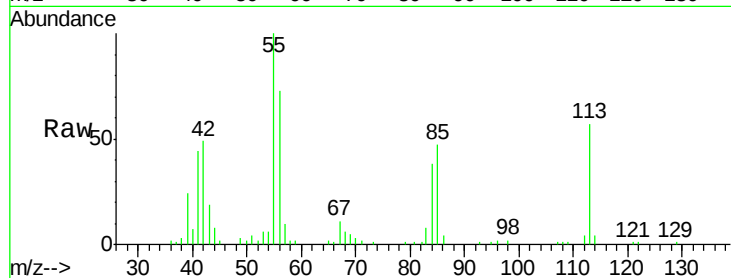




#35
 Caprolactam
 Concen: 6.06 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

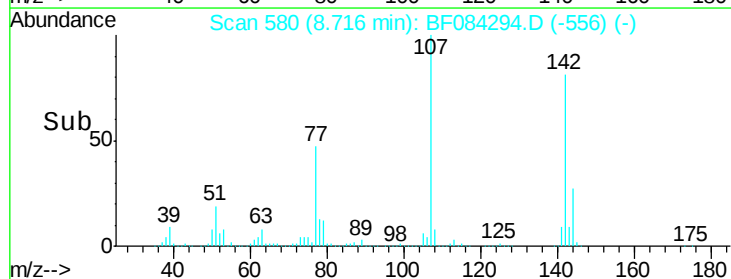
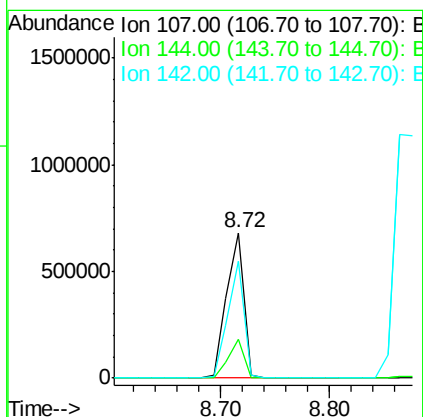
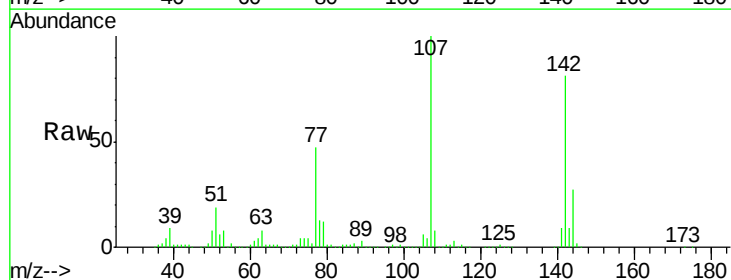
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

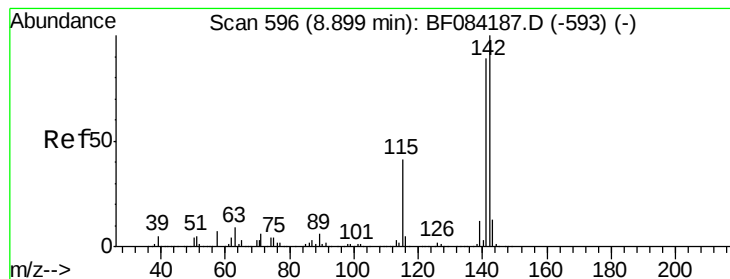
Tgt Ion:113 Resp: 33561
 Ion Ratio Lower Upper
 113 100
 55 175.6 116.9 156.9#
 56 127.3 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.58 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:107 Resp: 746863
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.7 29.5
 142 80.5 61.8 92.6

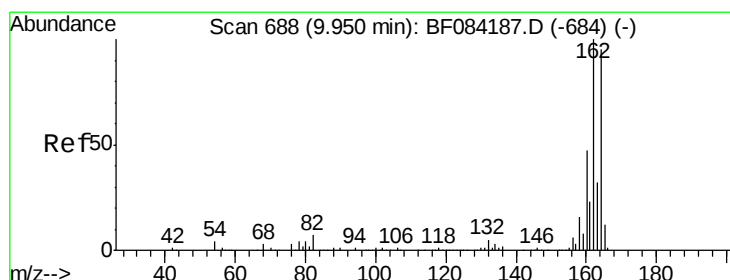
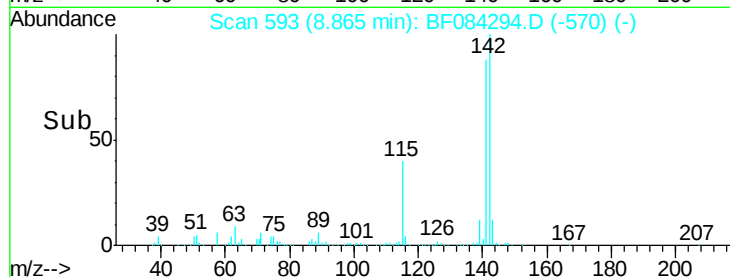
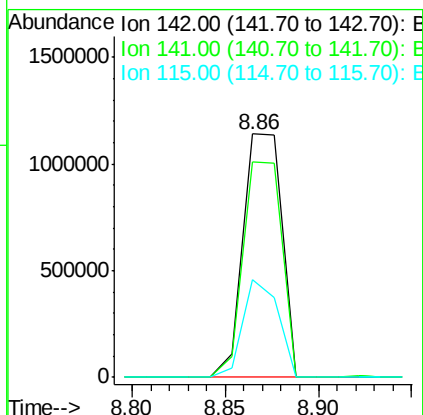
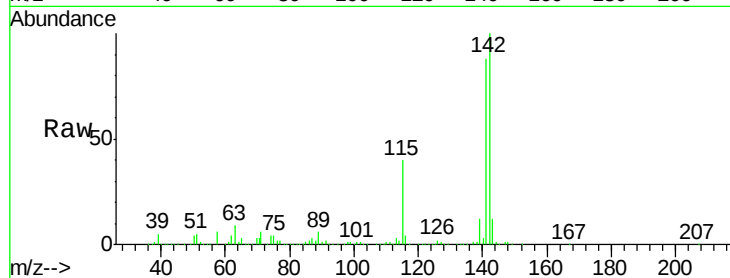




#37
 2-Methylnaphthalene
 Concen: 42.85 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

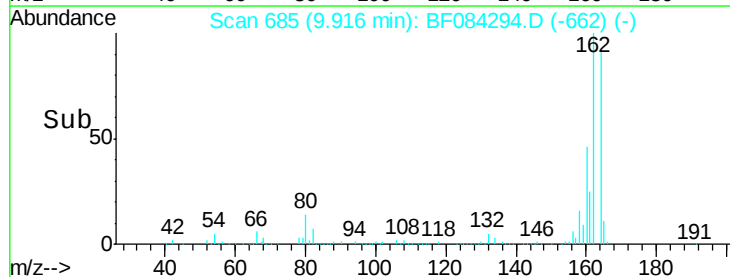
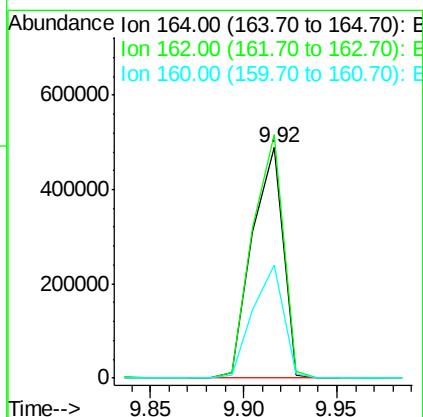
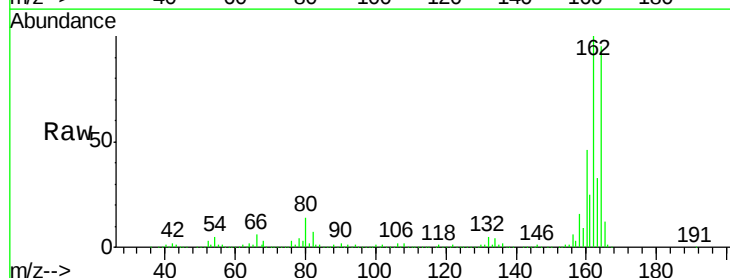
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tgt Ion:142 Resp: 1639991
 Ion Ratio Lower Upper
 142 100
 141 88.3 72.4 108.6
 115 40.3 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:164 Resp: 560523
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.1 127.7
 160 48.9 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.61 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tgt Ion:216 Resp: 670443

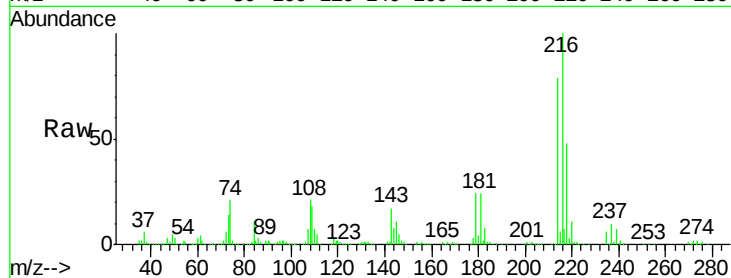
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 24.1 18.7 28.1

108 25.8 16.8 25.2#

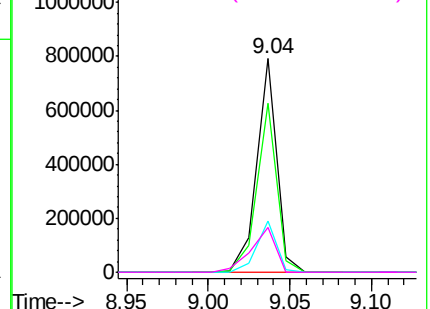
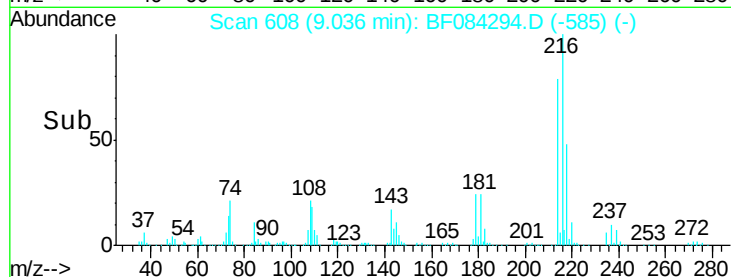


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.18 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

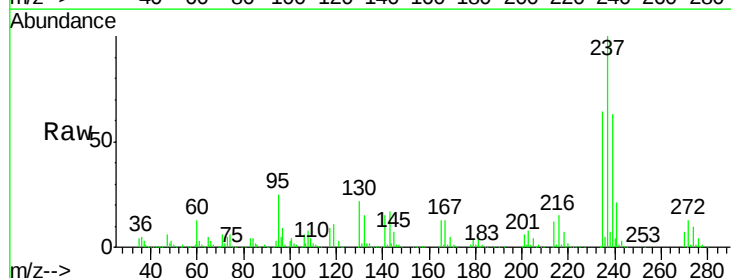
Tgt Ion:237 Resp: 760522

Ion Ratio Lower Upper

237 100

235 64.1 43.1 83.1

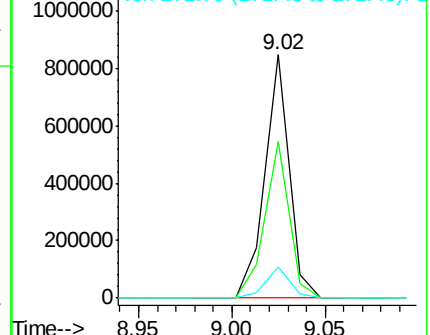
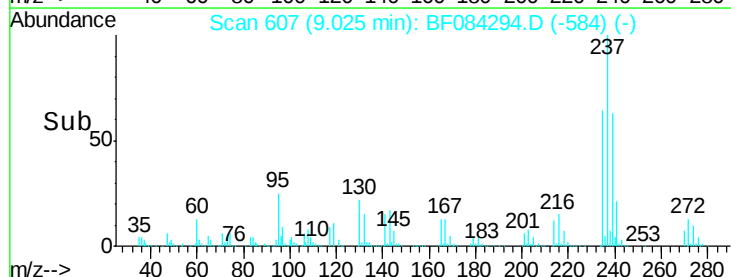
272 12.7 0.0 35.1

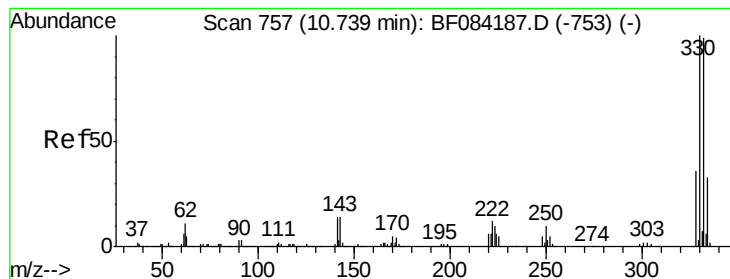


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 121.21 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

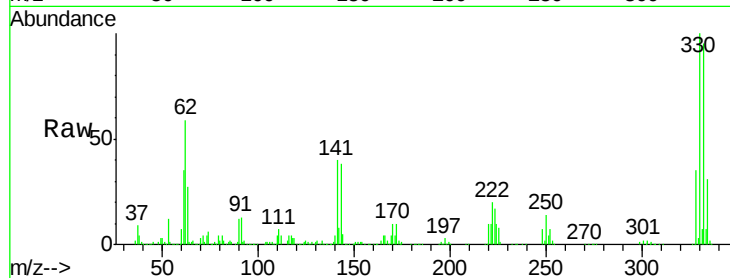
Tgt Ion:330 Resp: 685908

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

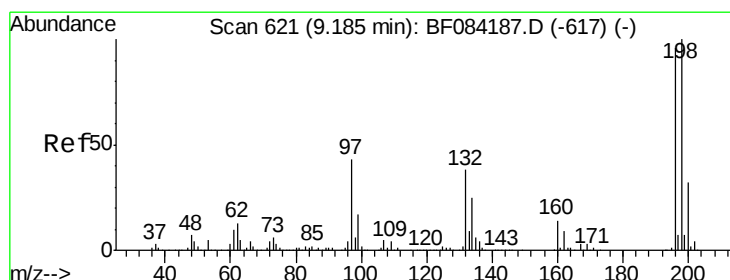
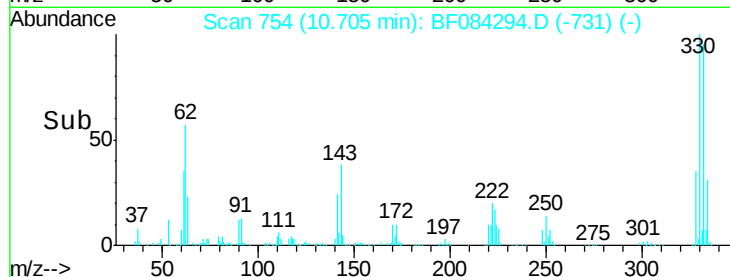
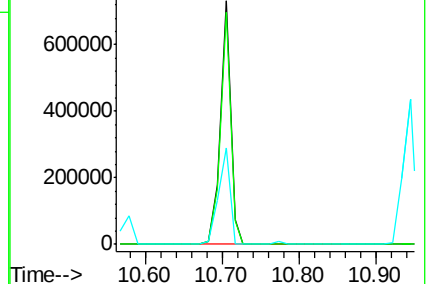
141 43.5 27.8 41.6#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.08 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

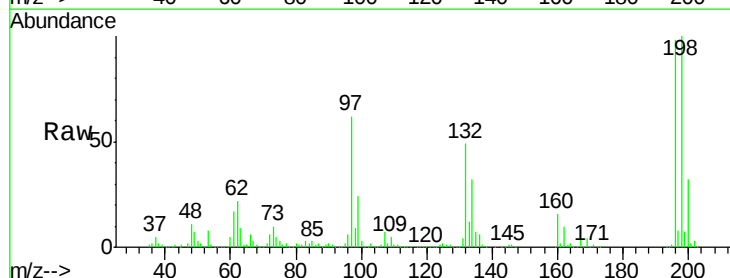
Tgt Ion:196 Resp: 519377

Ion Ratio Lower Upper

196 100

198 102.5 77.7 116.5

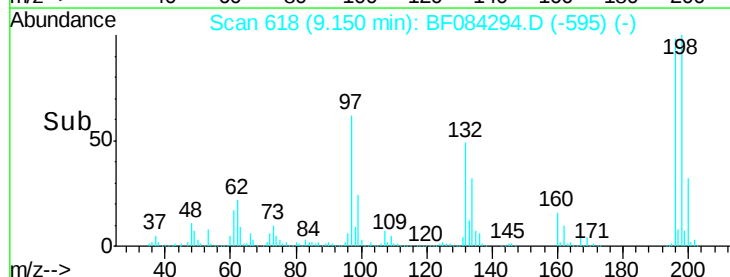
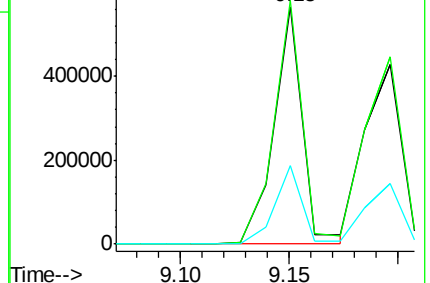
200 33.1 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

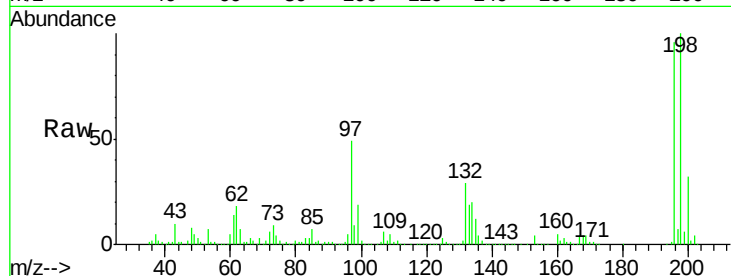




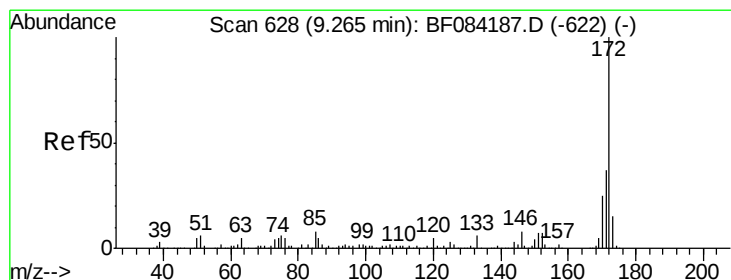
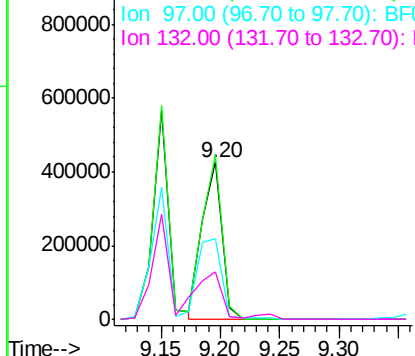
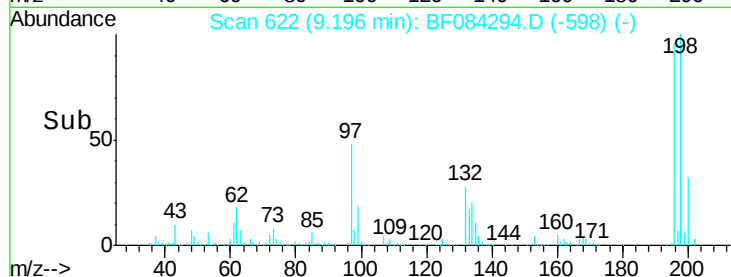
#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tgt Ion:196 Resp: 504046
 Ion Ratio Lower Upper
 196 100
 198 104.1 79.0 118.6
 97 51.4 33.0 49.6#
 132 30.0 21.1 31.7

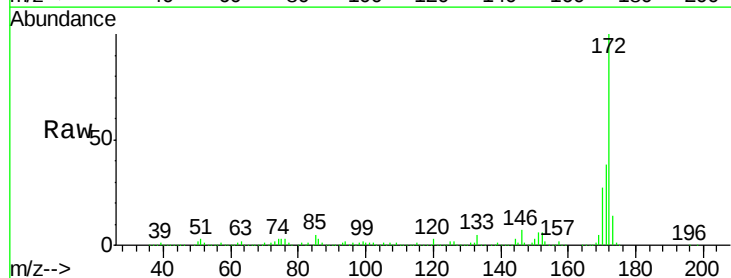


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

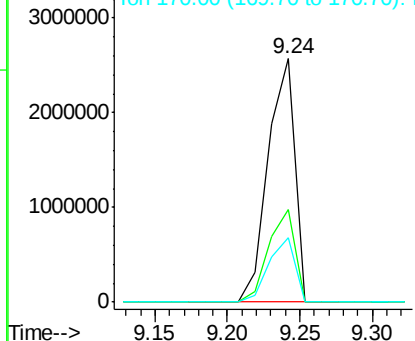
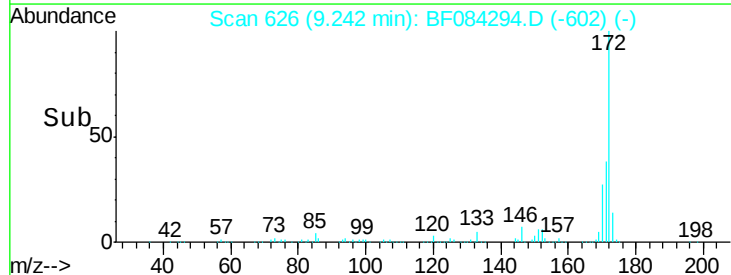


#44
 2-Fluorobiphenyl
 Concen: 104.36 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:172 Resp: 3279412
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.6 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 39.38 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

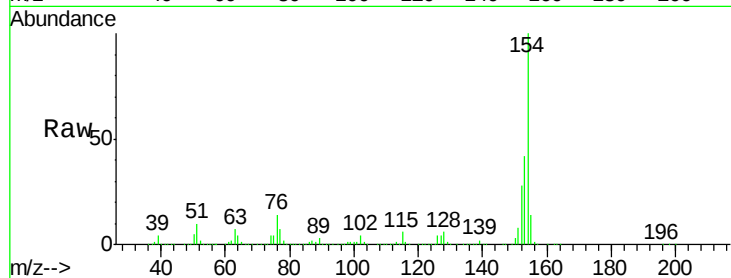
Tgt Ion:154 Resp: 1754475

Ion Ratio Lower Upper

154 100

153 42.0 21.6 61.6

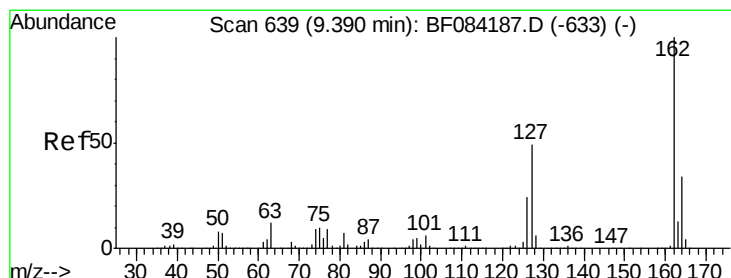
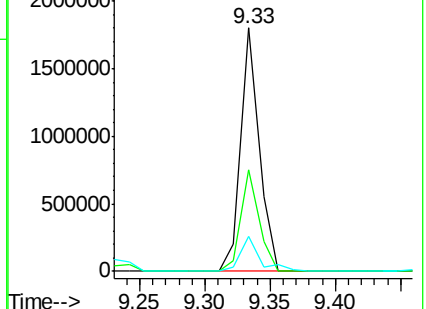
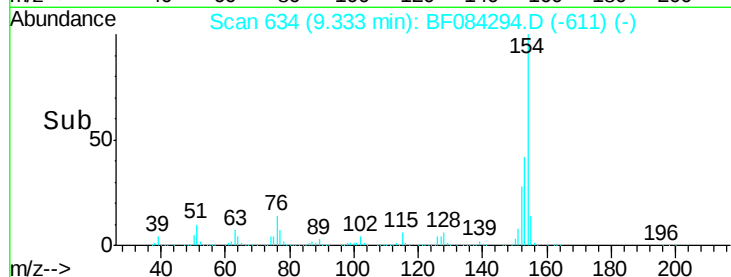
76 14.2 0.0 32.7



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: 40.78 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

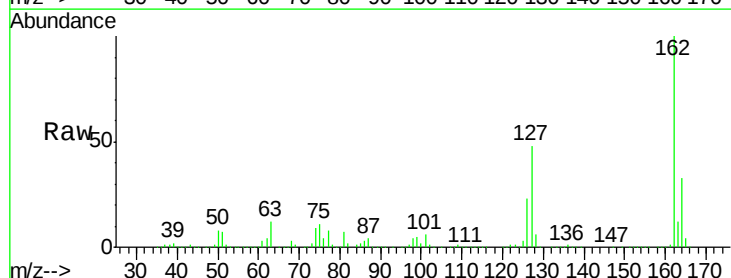
Tgt Ion:162 Resp: 1427094

Ion Ratio Lower Upper

162 100

127 47.8 40.2 60.4

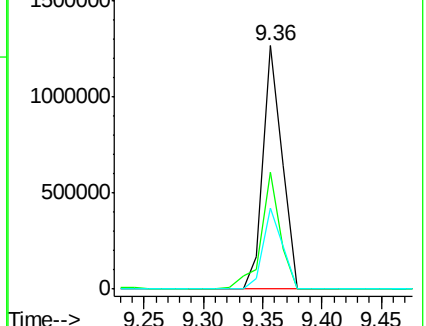
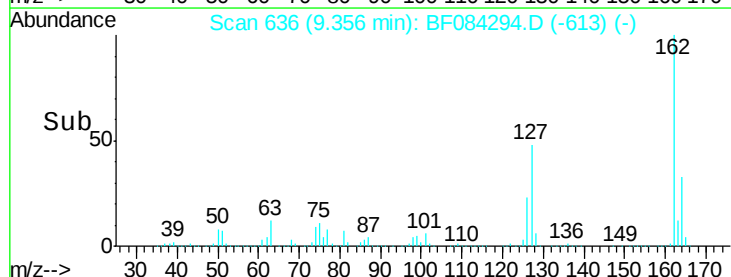
164 33.5 25.7 38.5

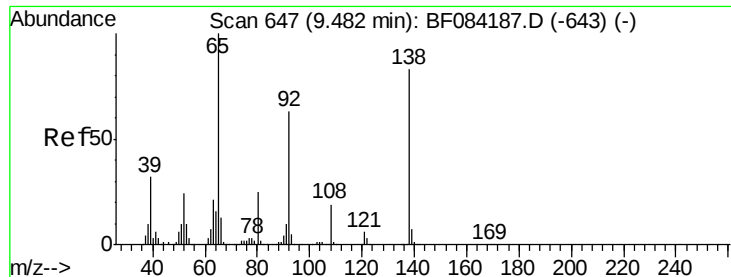


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.73 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

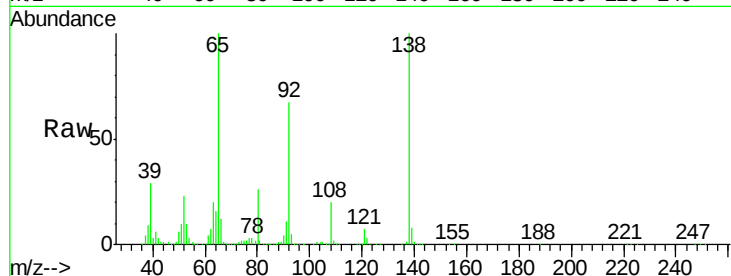
Tgt Ion: 65 Resp: 574335

Ion Ratio Lower Upper

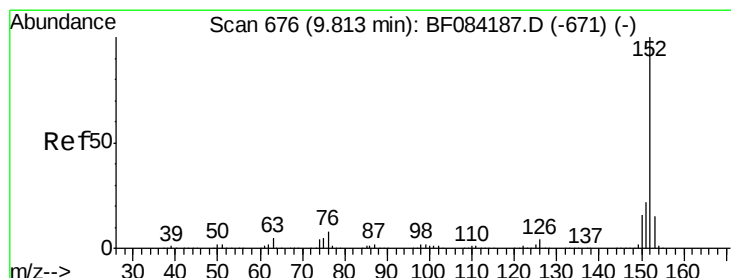
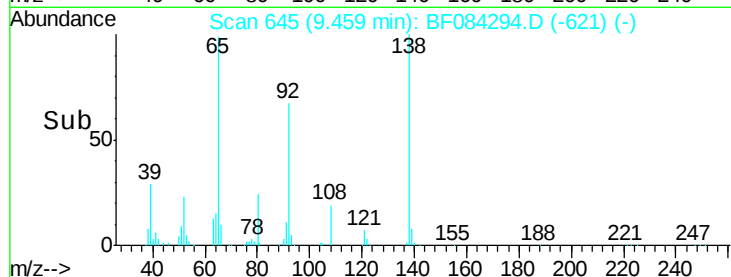
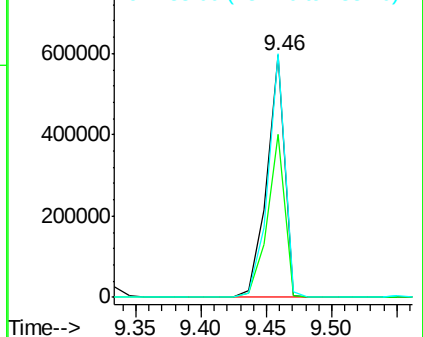
65 100

92 67.1 53.4 80.2

138 100.5 71.1 106.7



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



#48

Acenaphthylene

Concen: 46.39 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

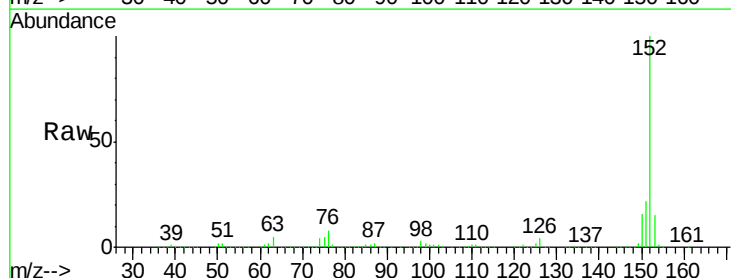
Tgt Ion: 152 Resp: 2398343

Ion Ratio Lower Upper

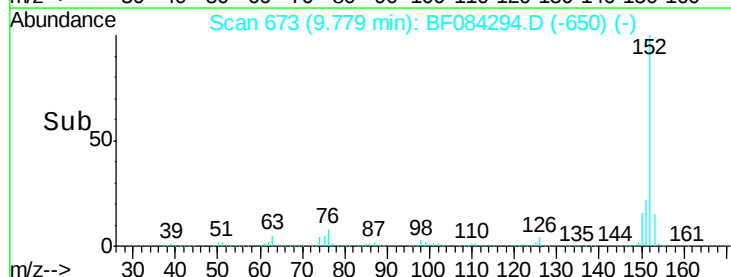
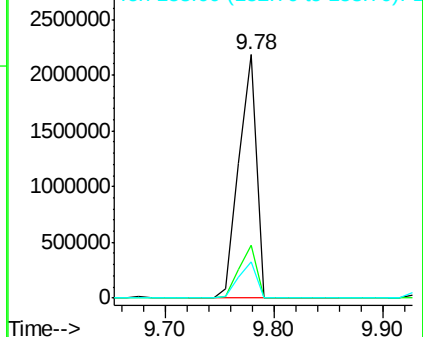
152 100

151 21.6 16.3 24.5

153 14.8 10.4 15.6



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





#49

Dimethylphthalate

Concen: 41.16 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

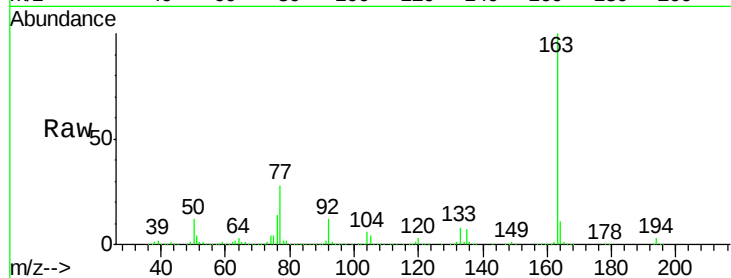
Tgt Ion:163 Resp: 1649192

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

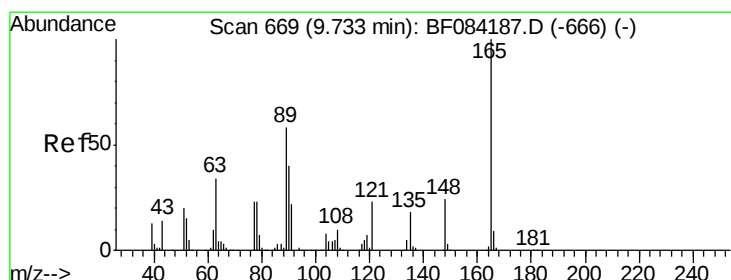
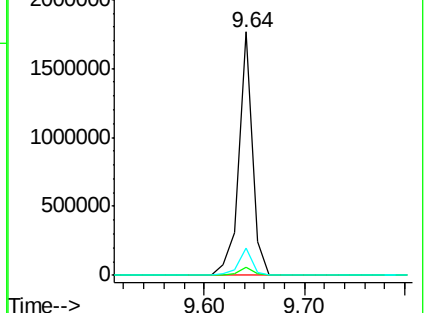
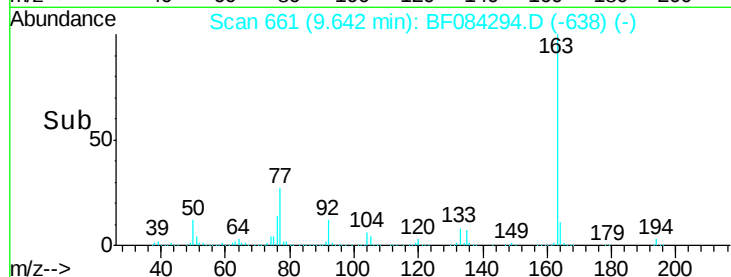
164 11.3 8.0 12.0



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: 41.26 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

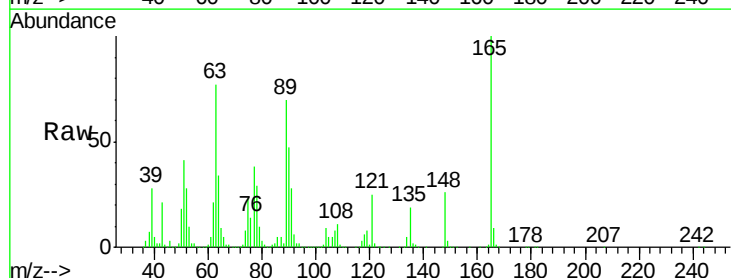
Tgt Ion:165 Resp: 362669

Ion Ratio Lower Upper

165 100

63 76.8 28.8 43.2#

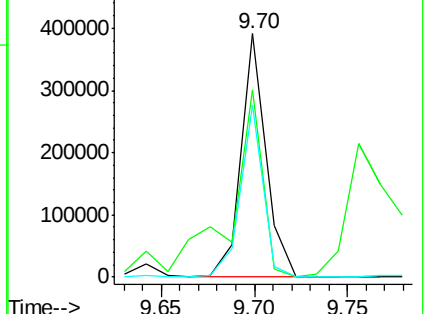
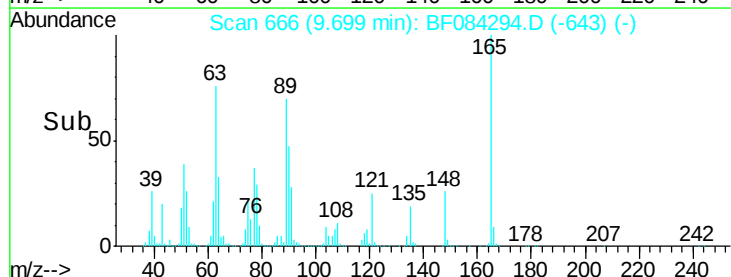
89 70.4 35.1 52.7#

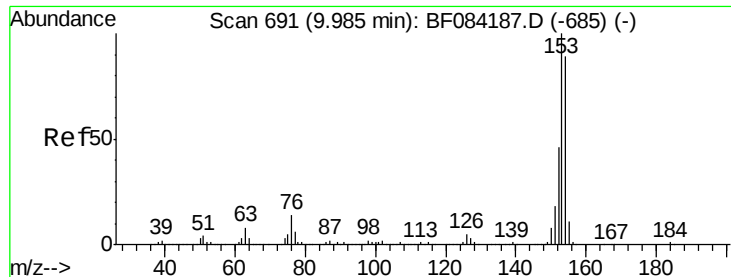


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.89 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

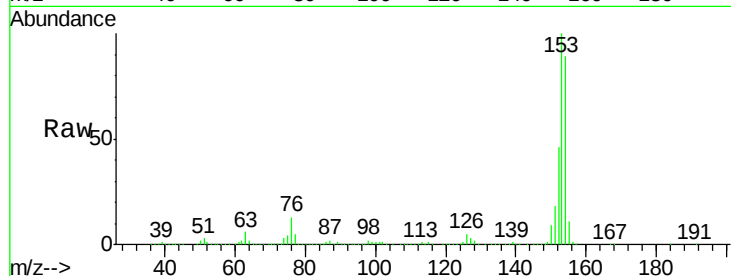
Tgt Ion:154 Resp: 1799430

Ion Ratio Lower Upper

154 100

153 111.8 91.5 137.3

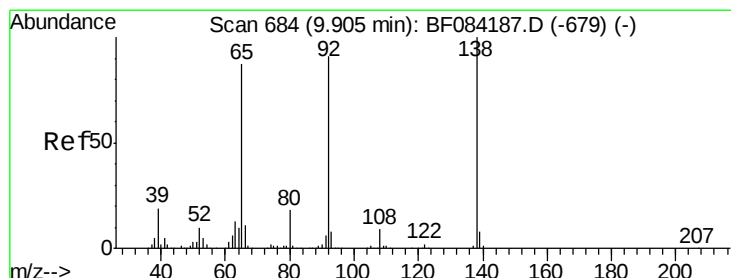
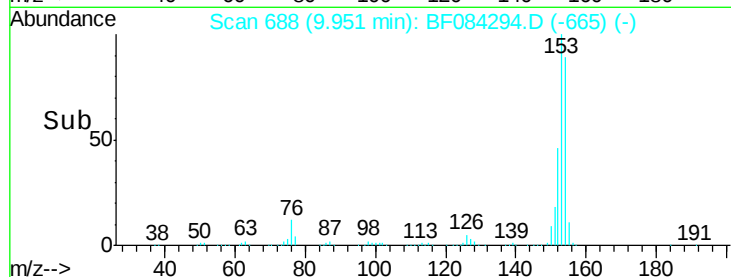
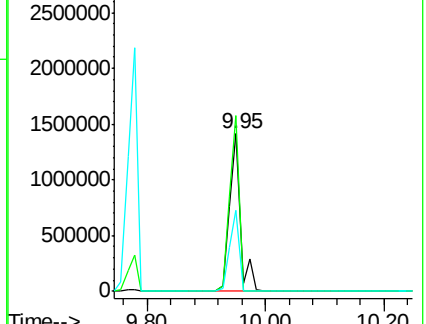
152 51.5 43.0 64.6



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: 22.15 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

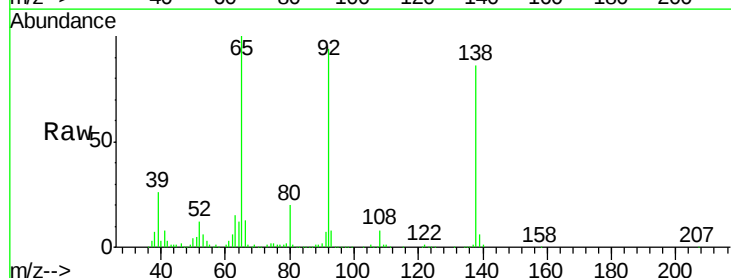
Tgt Ion:138 Resp: 241202

Ion Ratio Lower Upper

138 100

108 9.3 10.5 15.7#

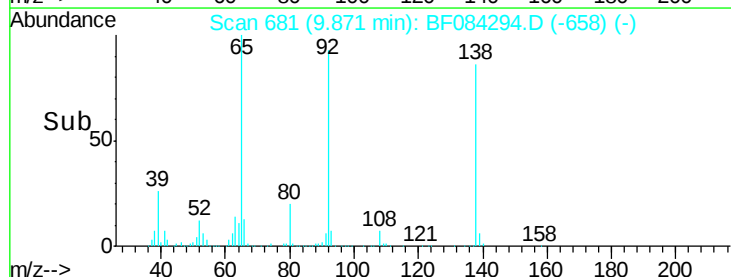
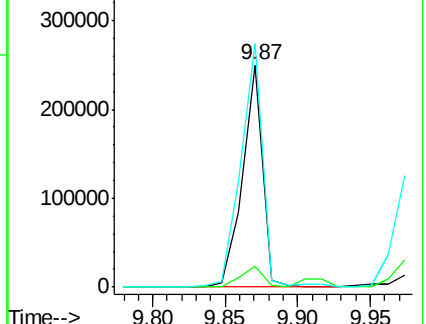
92 109.7 103.9 155.9

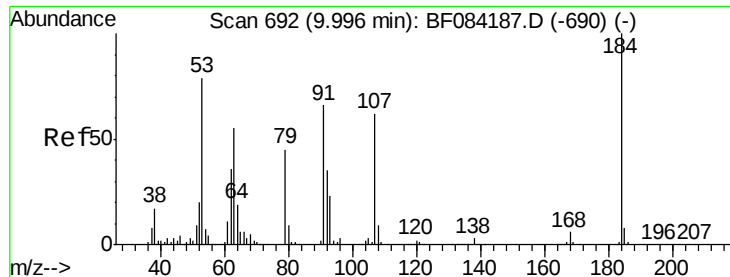


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

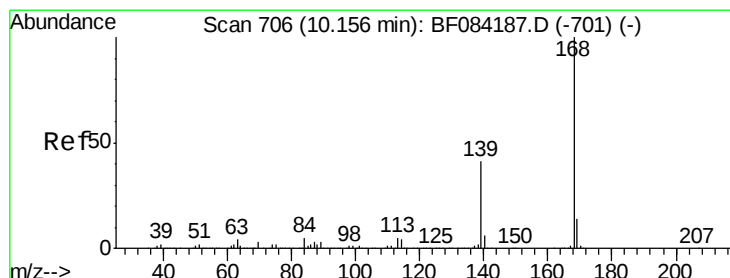
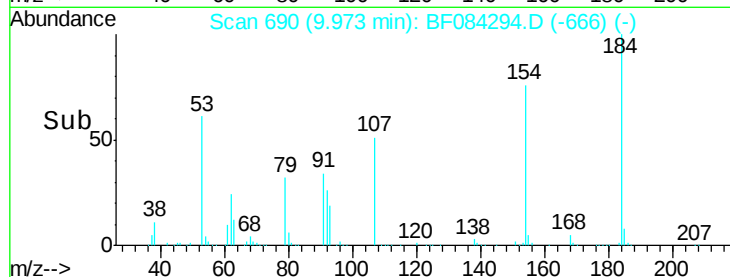
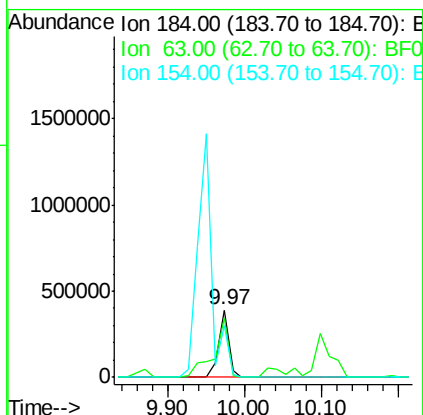
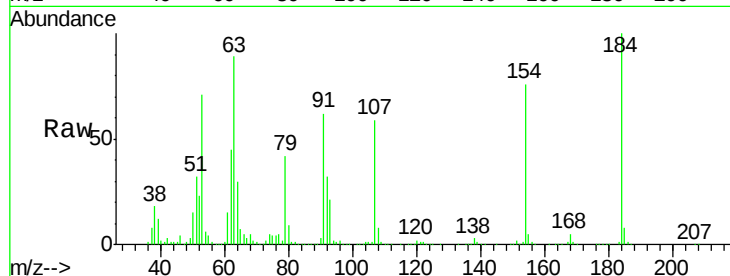




#53
2,4-Dinitrophenol
Concen: 97.65 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

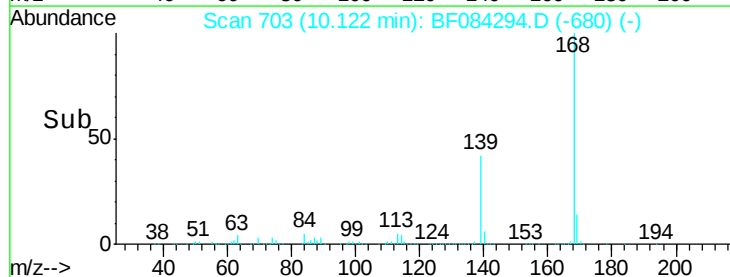
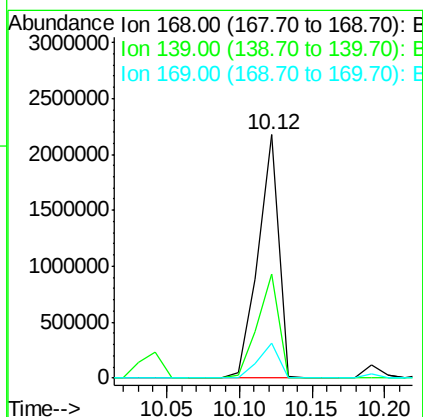
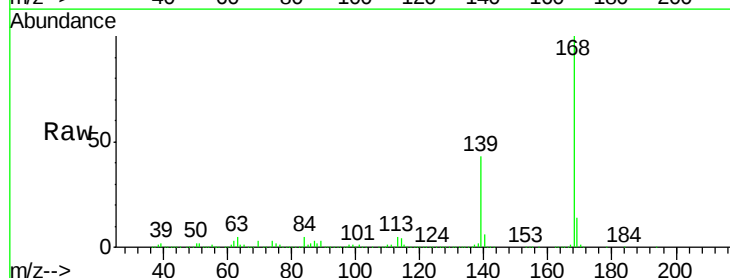
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

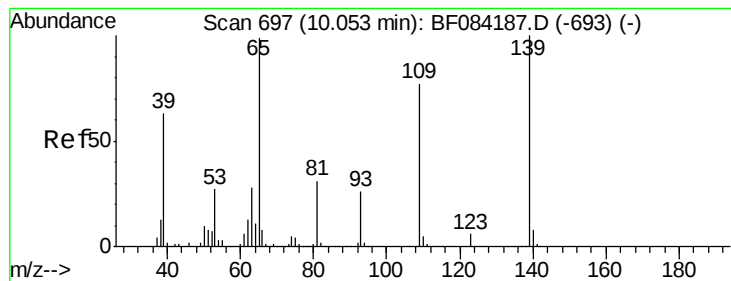
Tgt Ion:184 Resp: 368664
Ion Ratio Lower Upper
184 100
63 88.9 43.1 64.7#
154 75.7 60.5 90.7



#54
Dibenzofuran
Concen: 47.89 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:168 Resp: 2142134
Ion Ratio Lower Upper
168 100
139 42.6 30.5 45.7
169 14.5 10.4 15.6





#55

4-Nitrophenol

Concen: 33.56 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

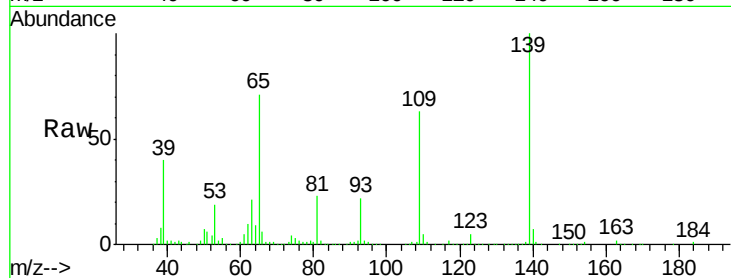
Tgt Ion:139 Resp: 265273

Ion Ratio Lower Upper

139 100

109 63.1 58.5 98.5

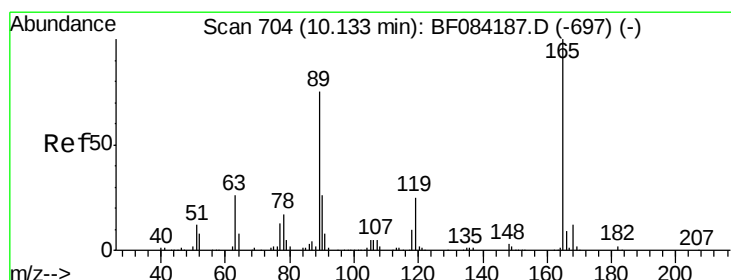
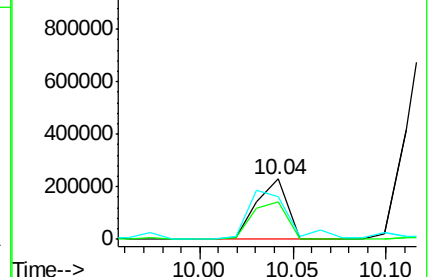
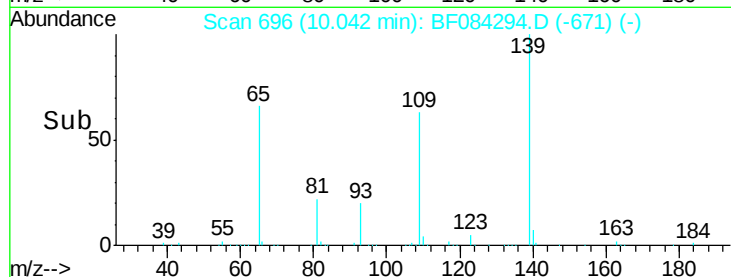
65 70.5 57.6 97.6



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): E



#56

2,4-Dinitrotoluene

Concen: 46.35 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:165 Resp: 515548

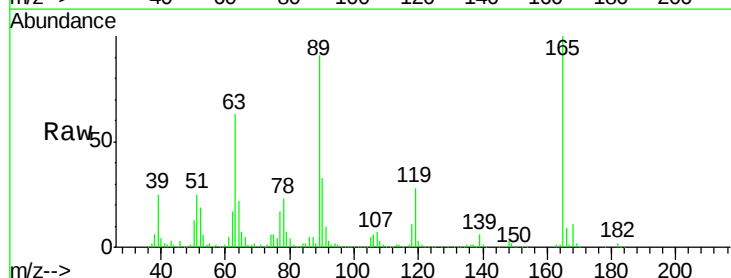
Ion Ratio Lower Upper

165 100

63 62.7 36.7 55.1#

89 91.5 61.9 92.9

182 2.2 2.0 3.0

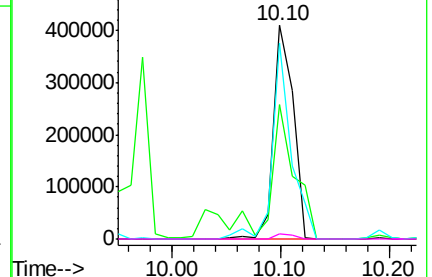
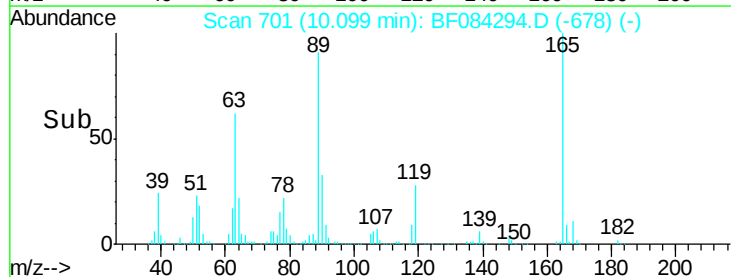


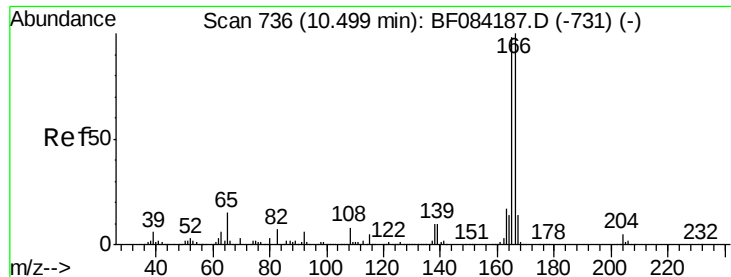
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.80 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

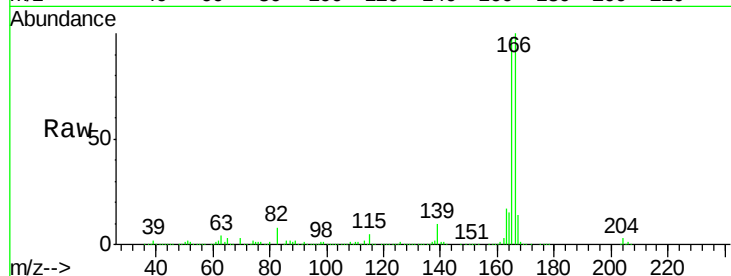
Tgt Ion:166 Resp: 1654951

Ion Ratio Lower Upper

166 100

165 97.9 79.1 118.7

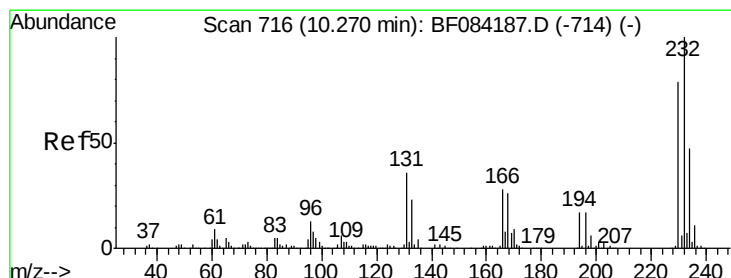
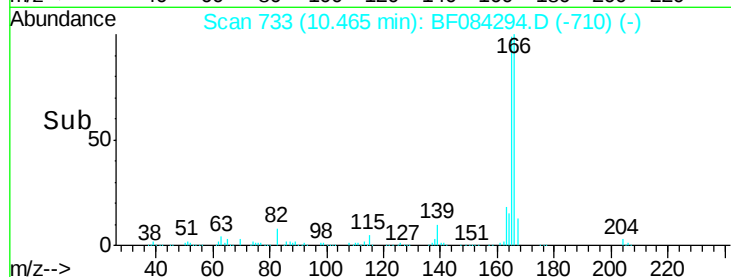
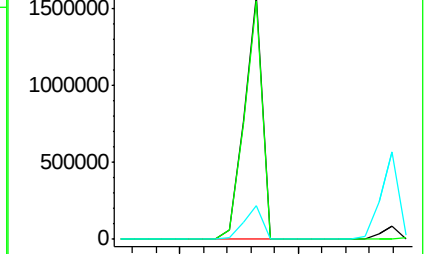
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.99 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:232 Resp: 414334

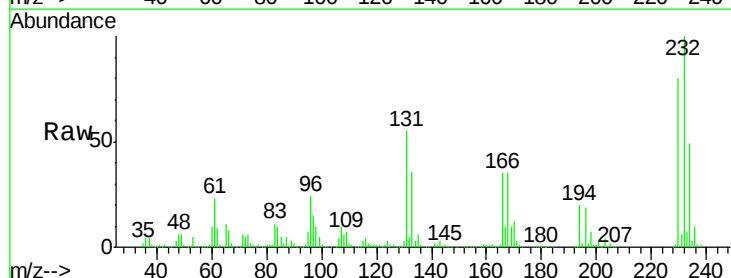
Ion Ratio Lower Upper

232 100

131 55.1 47.0 70.6

130 2.8 2.0 3.0

166 34.0 30.5 45.7

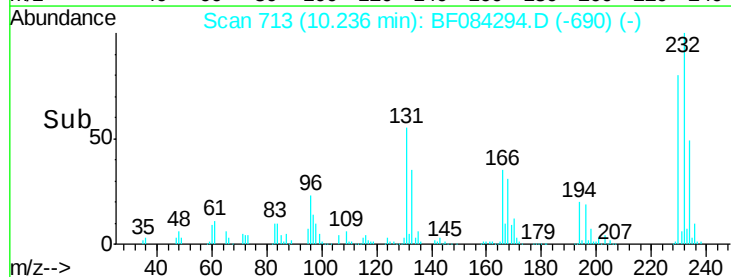
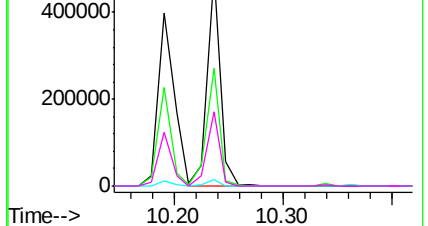


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.74 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

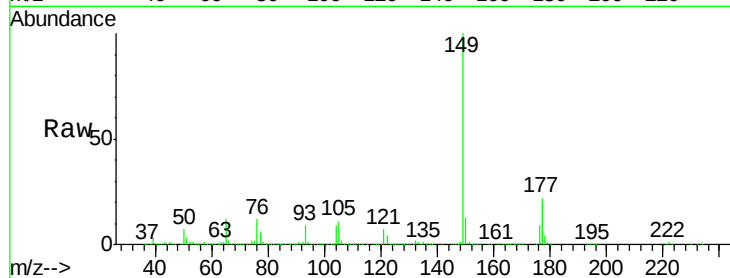
Tgt Ion:149 Resp: 1688694

Ion Ratio Lower Upper

149 100

177 22.5 17.3 25.9

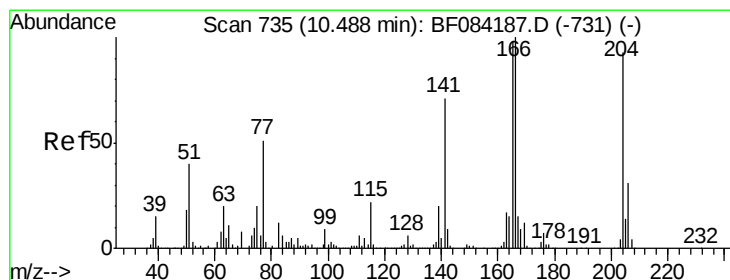
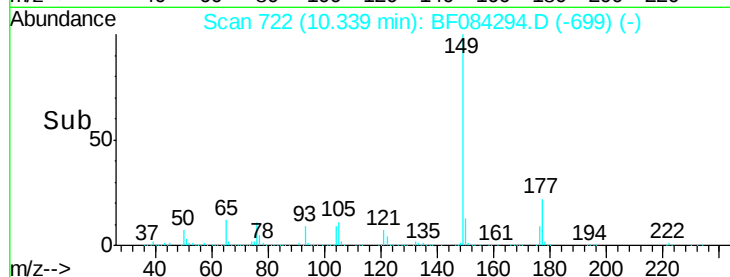
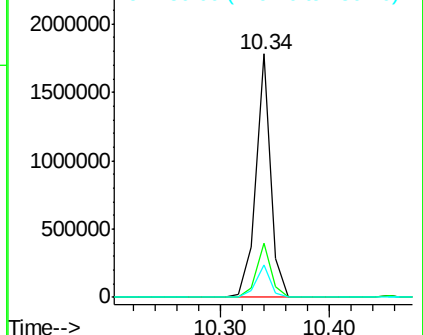
150 13.2 9.8 14.8



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: 50.12 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

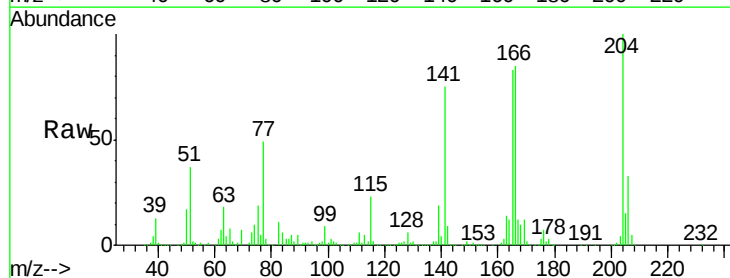
Tgt Ion:204 Resp: 721283

Ion Ratio Lower Upper

204 100

206 33.4 25.7 38.5

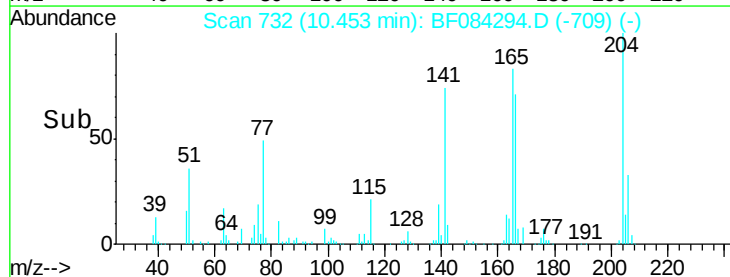
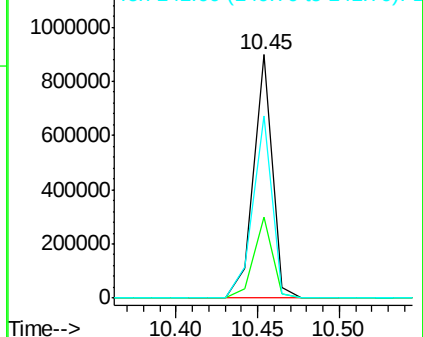
141 74.6 55.1 82.7

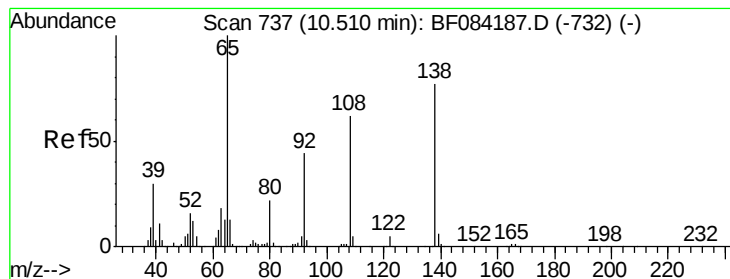


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.78 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

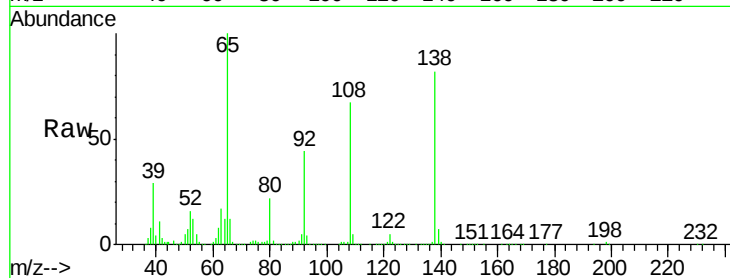
Tgt Ion:138 Resp: 386223

Ion Ratio Lower Upper

138 100

92 53.4 32.6 72.6

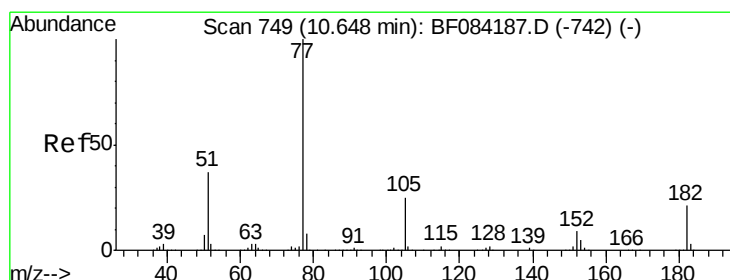
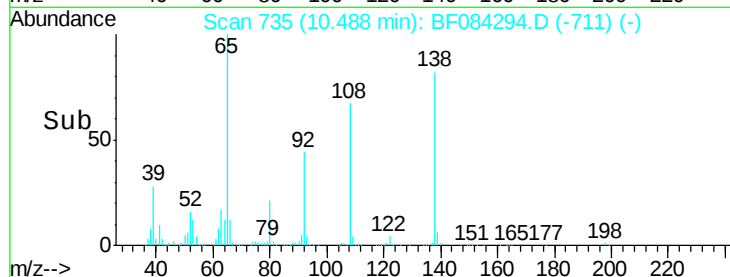
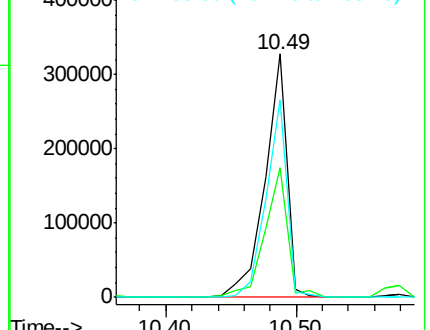
108 81.2 68.6 108.6



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: 44.26 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion: 77 Resp: 1918139

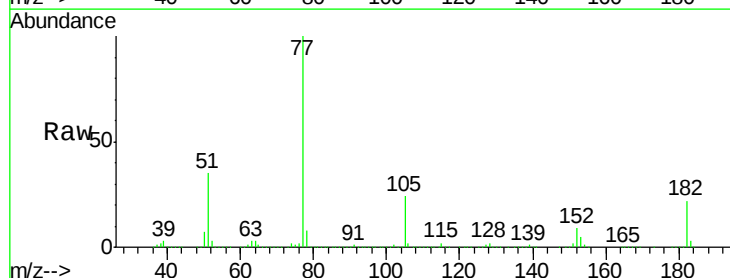
Ion Ratio Lower Upper

77 100

182 22.2 8.3 48.3

105 24.0 4.6 44.6

51 35.1 6.2 46.2

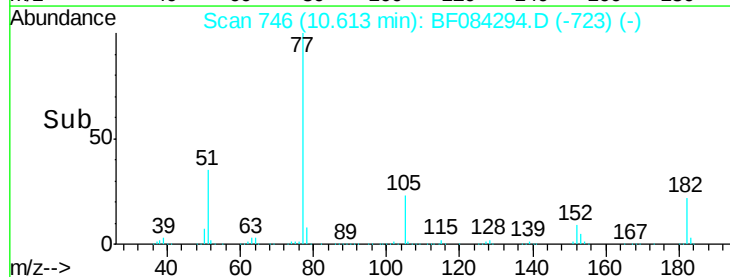
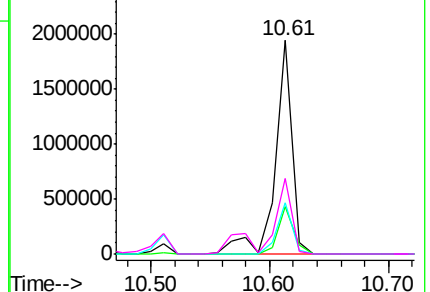


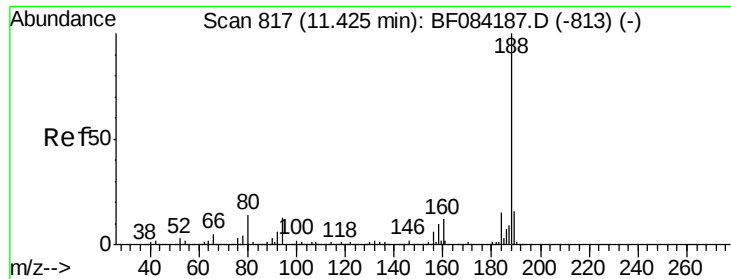
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

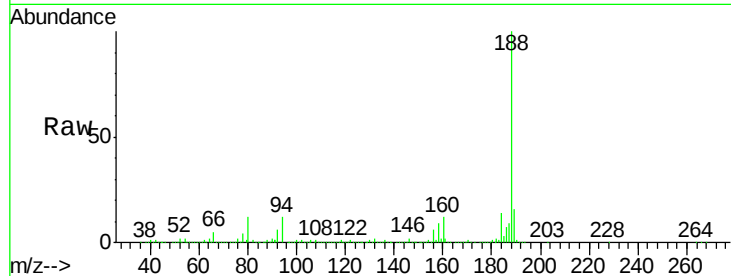




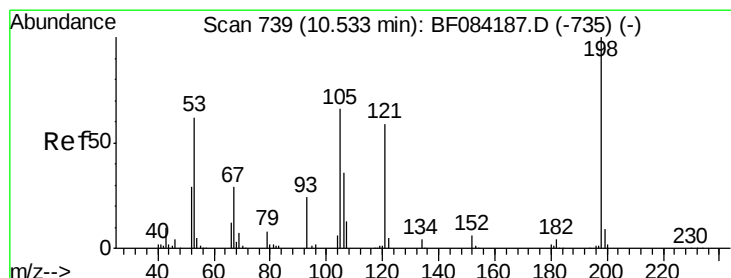
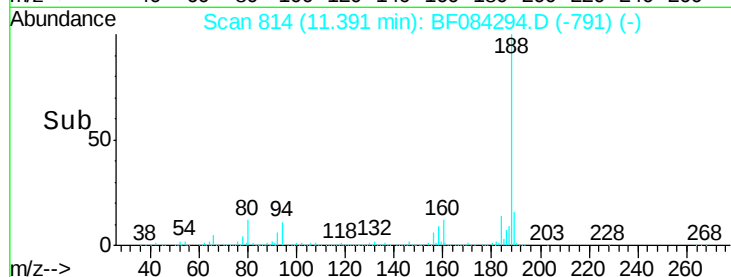
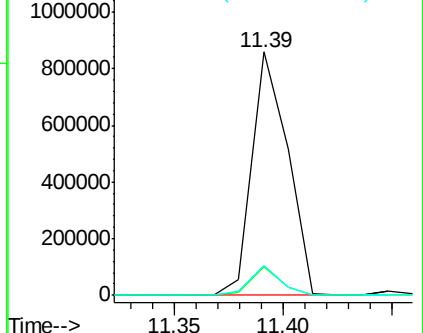
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tgt Ion:188 Resp: 985834
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 12.4 9.6 14.4

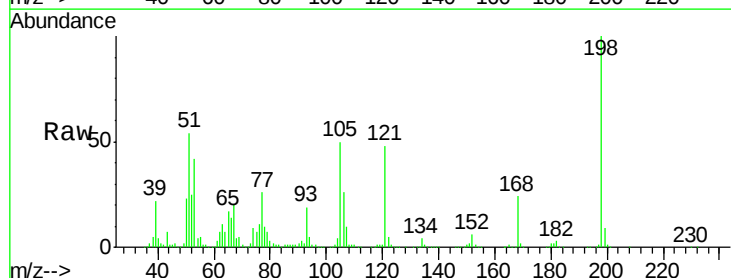


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

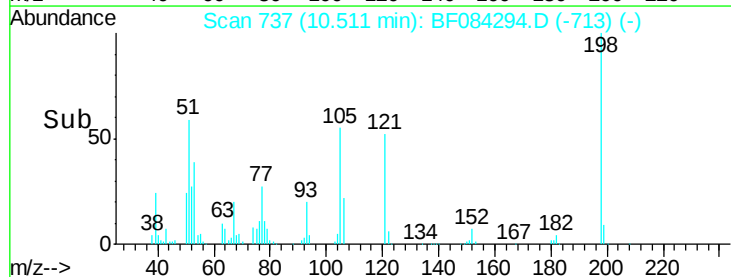
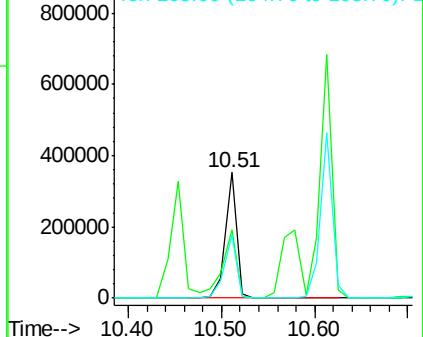


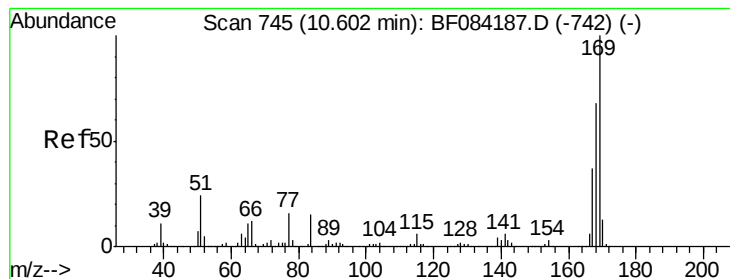
#64
4,6-Dinitro-2-methylphenol
Concen: 49.46 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:198 Resp: 294472
Ion Ratio Lower Upper
198 100
51 53.9 18.9 58.9
105 50.4 26.4 66.4



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: 48.07 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

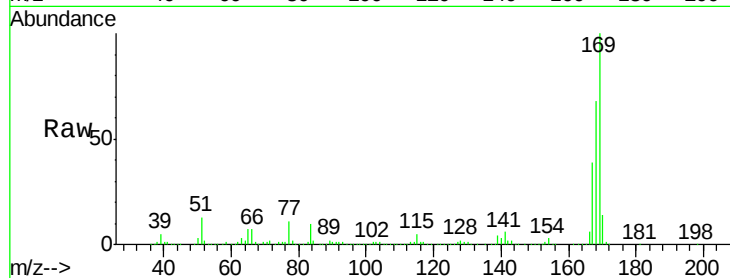
Tgt Ion:169 Resp: 1515268

Ion Ratio Lower Upper

169 100

168 68.3 55.1 82.7

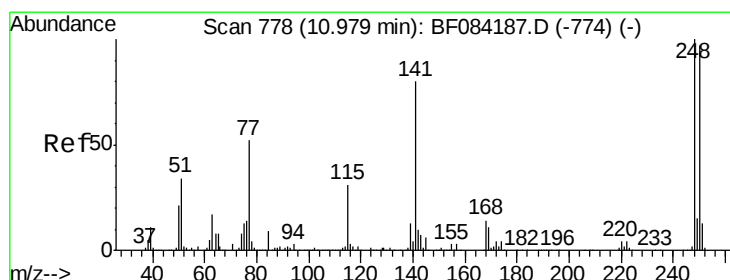
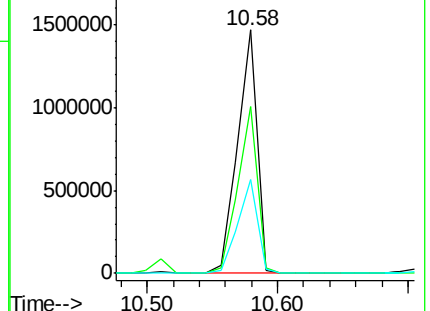
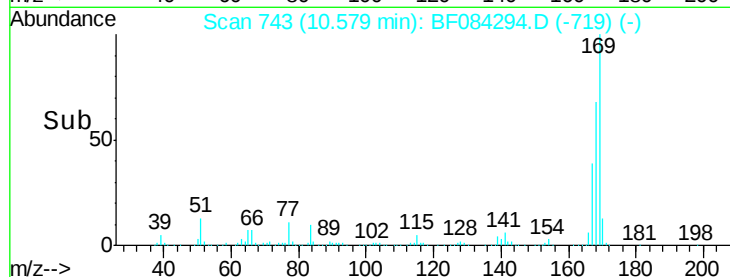
167 38.7 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.79 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

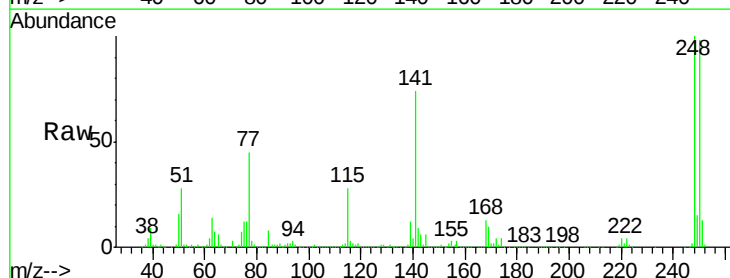
Tgt Ion:248 Resp: 507108

Ion Ratio Lower Upper

248 100

250 97.6 78.4 117.6

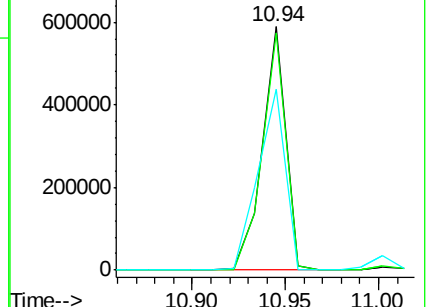
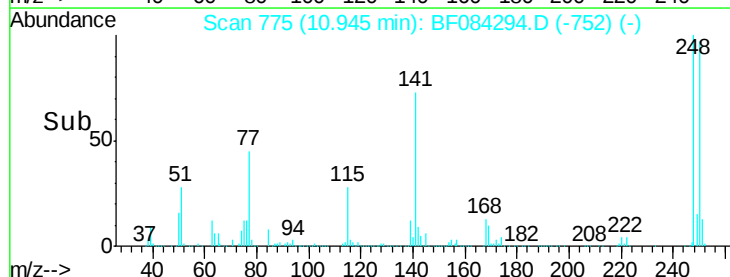
141 74.4 44.0 66.0#

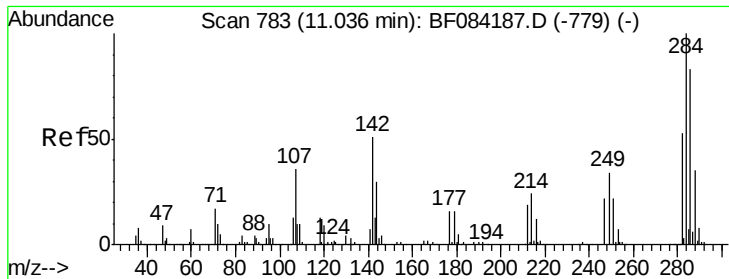


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.91 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

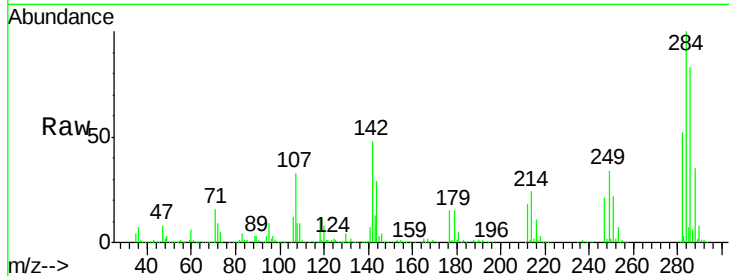
Tgt Ion:284 Resp: 500518

Ion Ratio Lower Upper

284 100

142 48.4 22.2 33.4#

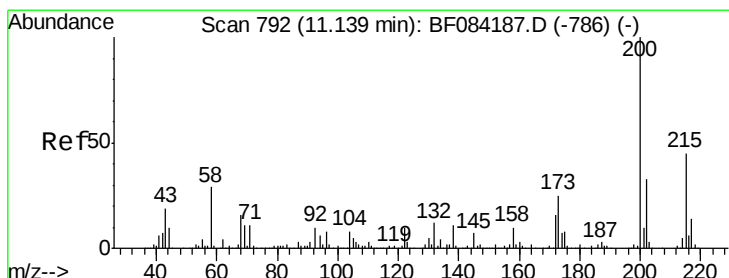
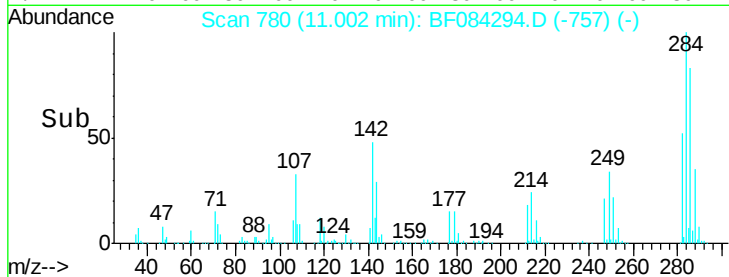
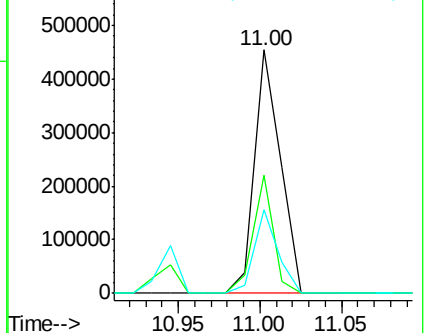
249 34.4 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.91 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

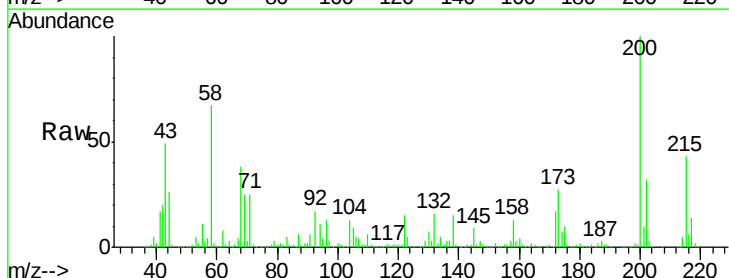
Tgt Ion:200 Resp: 432300

Ion Ratio Lower Upper

200 100

173 27.5 9.5 49.5

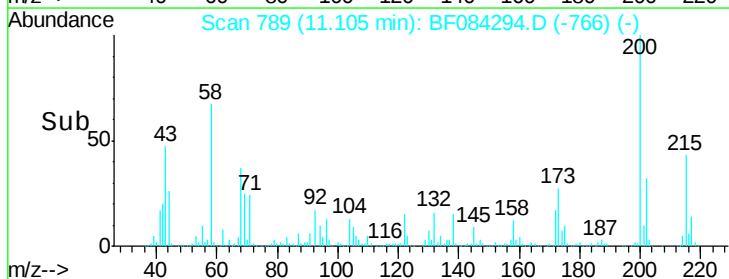
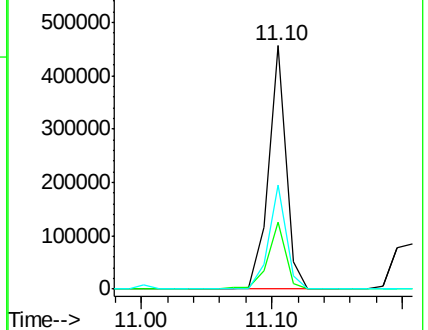
215 42.6 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

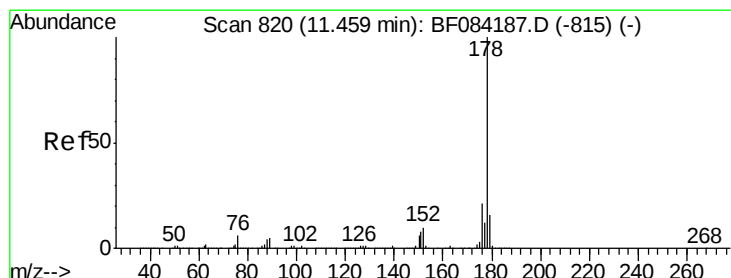
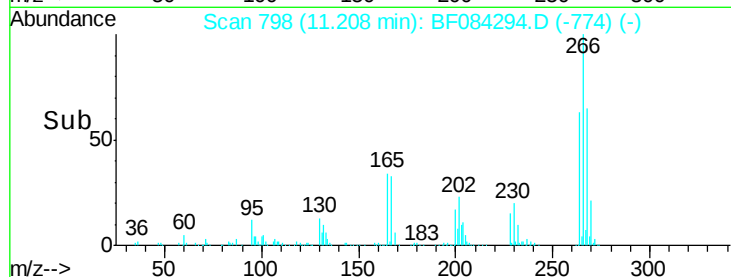
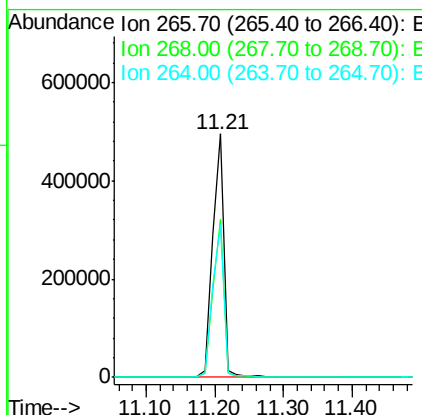
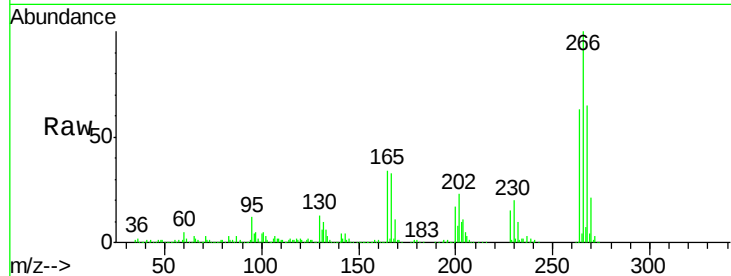




#69
 Pentachlorophenol
 Concen: 92.72 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

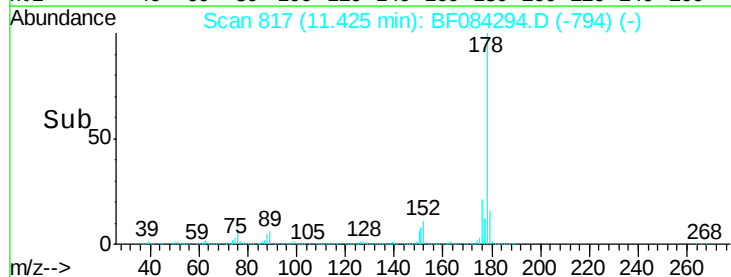
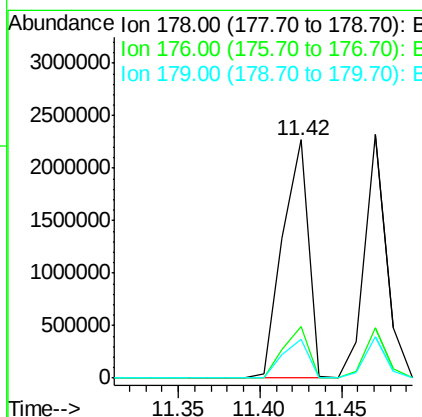
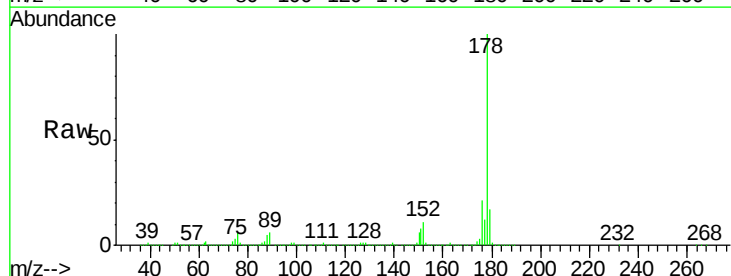
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

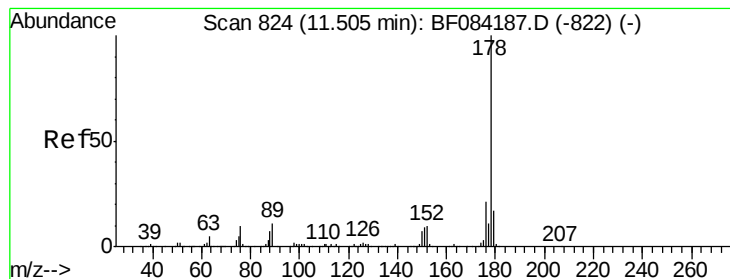
Tgt Ion:266 Resp: 574191
 Ion Ratio Lower Upper
 266 100
 268 64.8 52.4 78.6
 264 62.9 50.2 75.2



#70
 Phenanthrene
 Concen: 48.86 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:178 Resp: 2519672
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.3 22.9
 179 16.5 12.0 18.0





#71

Anthracene

Concen: 42.78 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

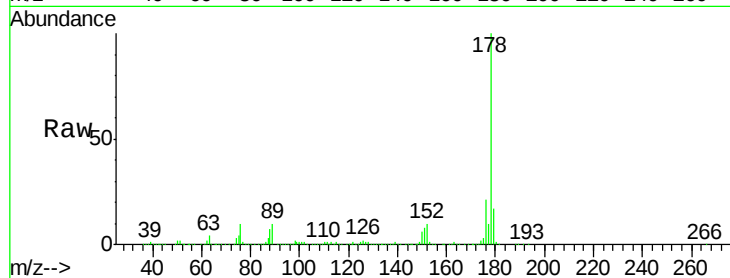
Tgt Ion:178 Resp: 2162352

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

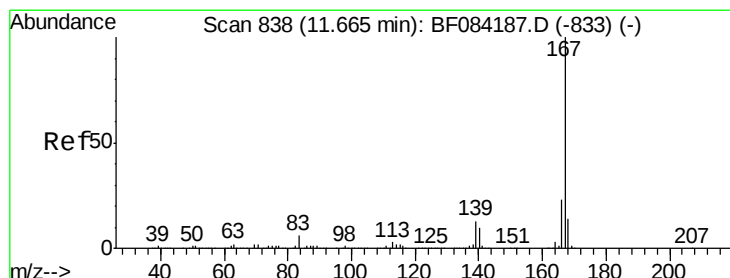
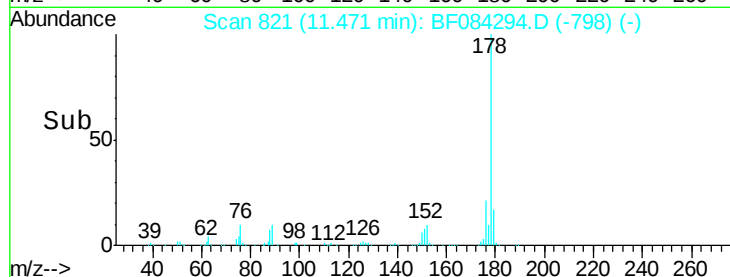
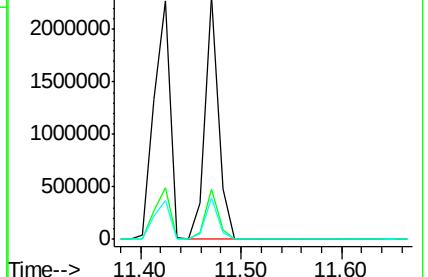
179 17.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.41 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

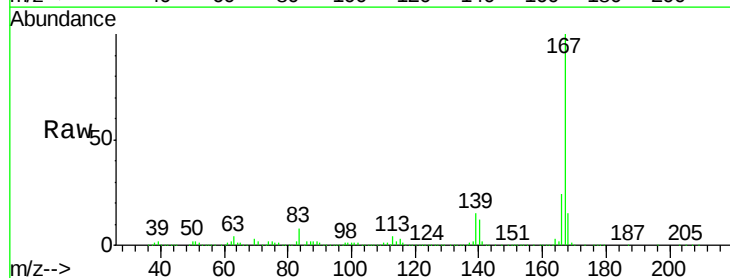
Tgt Ion:167 Resp: 2194815

Ion Ratio Lower Upper

167 100

166 23.6 17.6 26.4

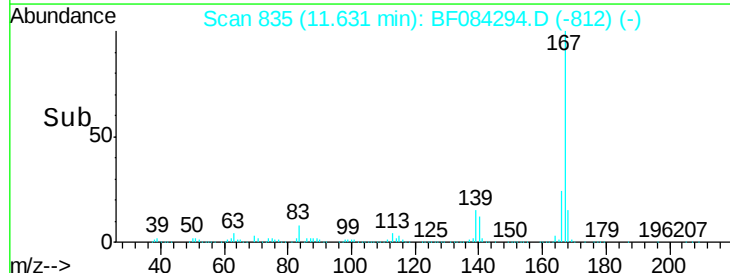
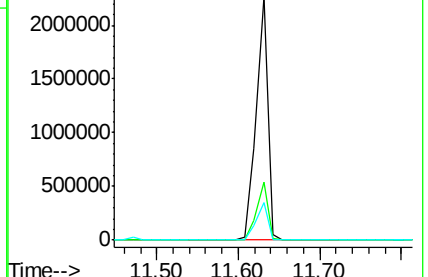
139 15.2 11.8 17.8

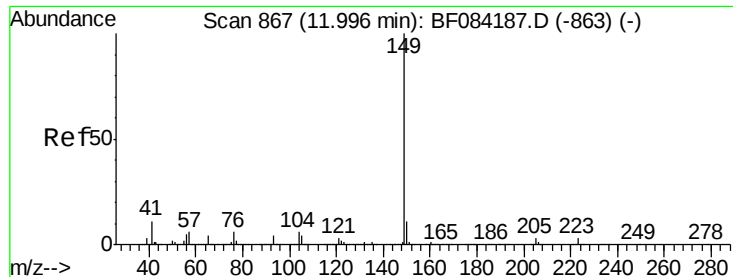


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

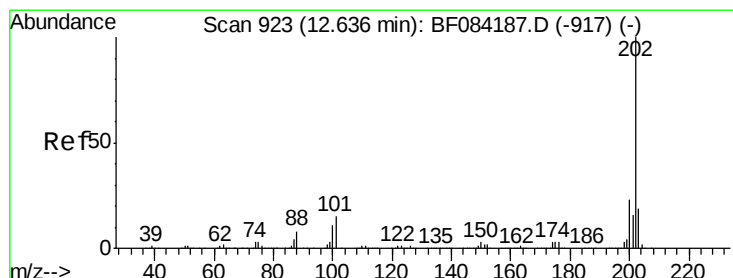
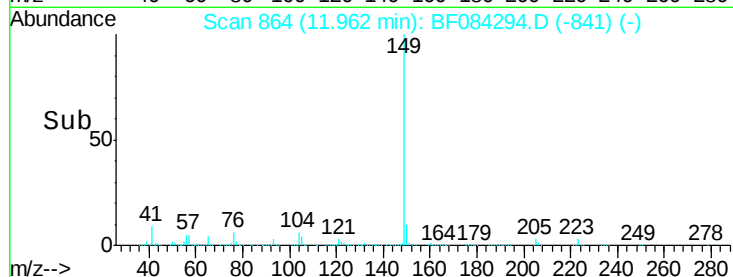
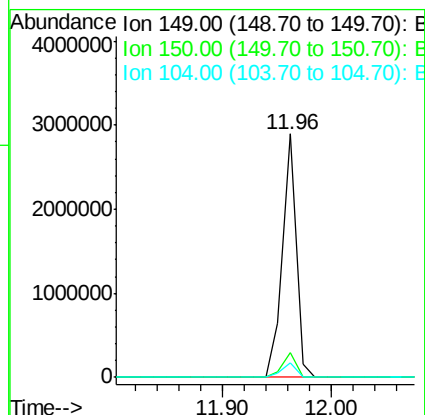
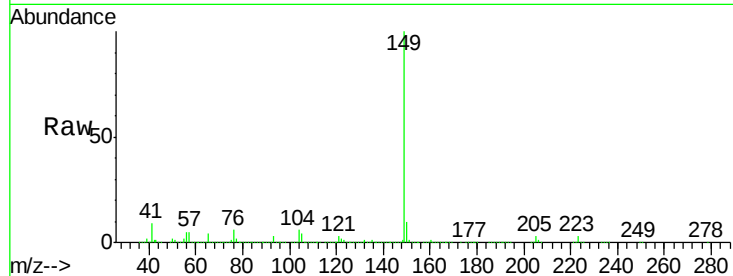




#73
Di-n-butylphthalate
Concen: 49.82 ng
RT: 11.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

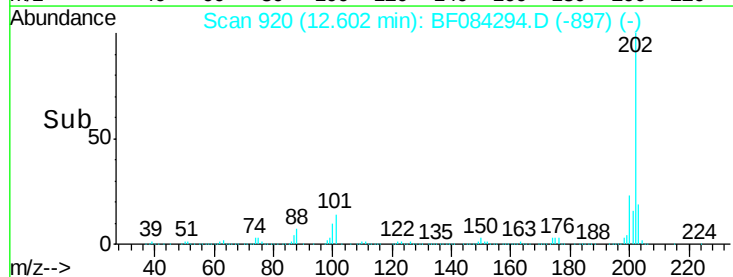
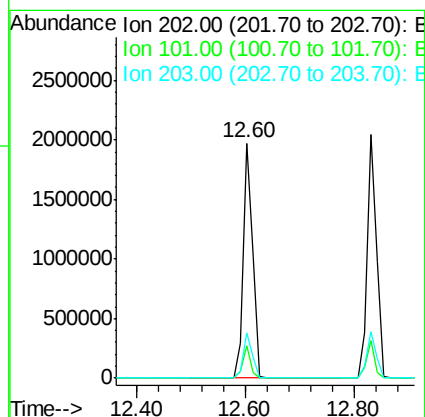
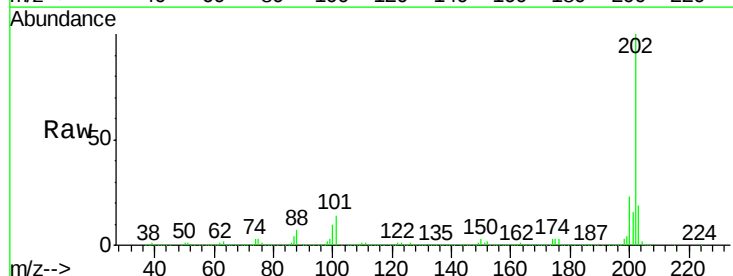
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

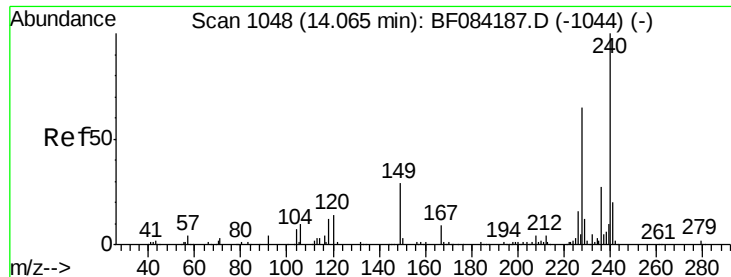
Tgt Ion:149 Resp: 2547396
Ion Ratio Lower Upper
149 100
150 10.3 7.1 10.7
104 6.1 3.2 4.8#



#74
Fluoranthene
Concen: 42.45 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:202 Resp: 2286859
Ion Ratio Lower Upper
202 100
101 13.9 0.0 32.8
203 19.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

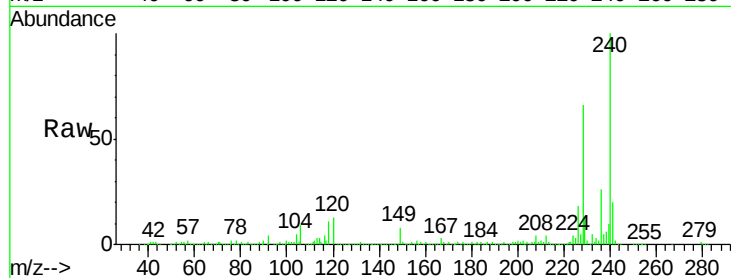
Tgt Ion:240 Resp: 763815

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

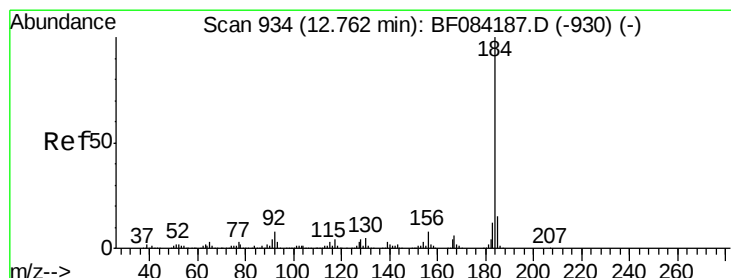
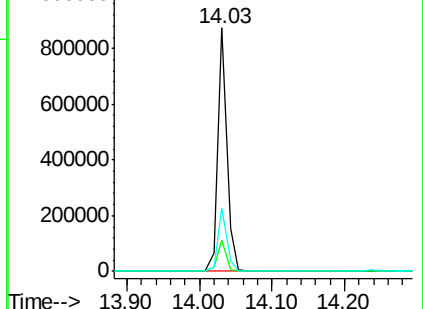
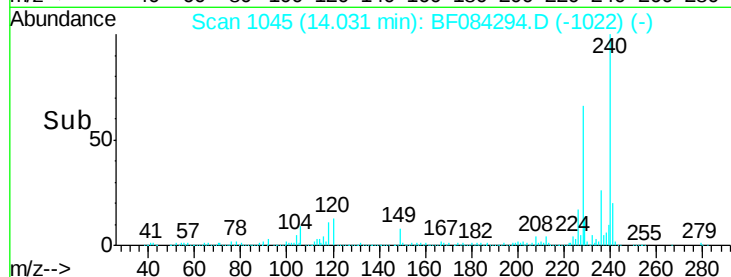
236 26.0 20.6 31.0



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: 5.70 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

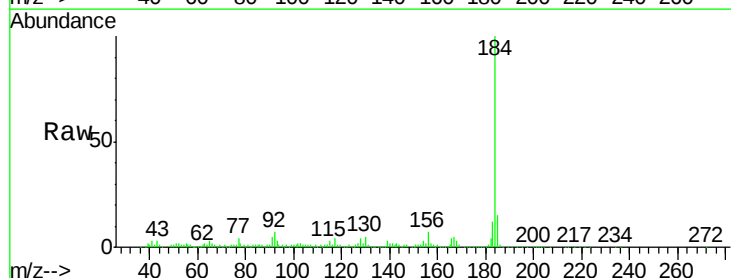
Tgt Ion:184 Resp: 156240

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

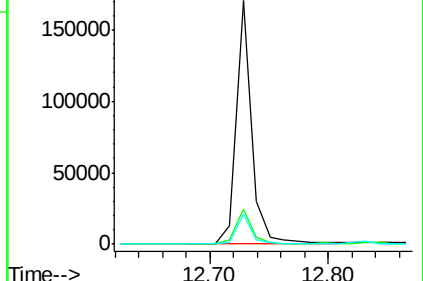
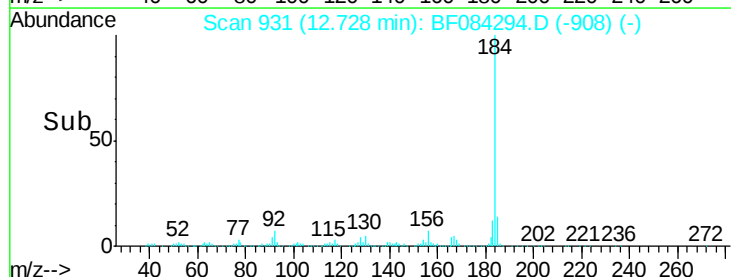
183 12.0 9.8 14.8

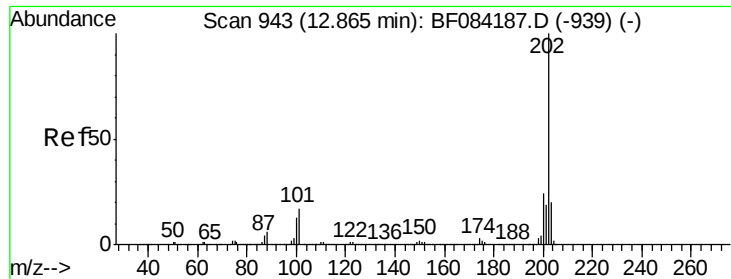


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.35 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

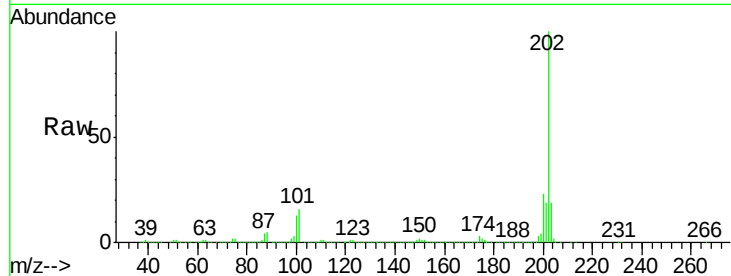
Tgt Ion:202 Resp: 2358802

Ion Ratio Lower Upper

202 100

200 22.9 17.2 25.8

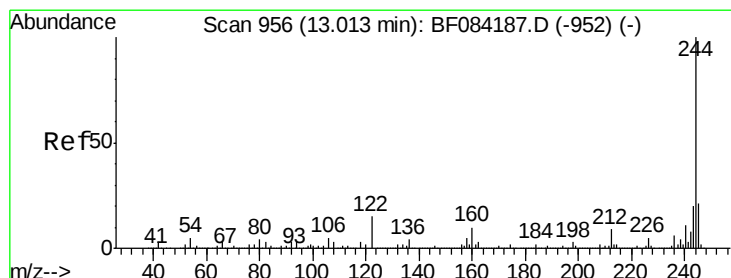
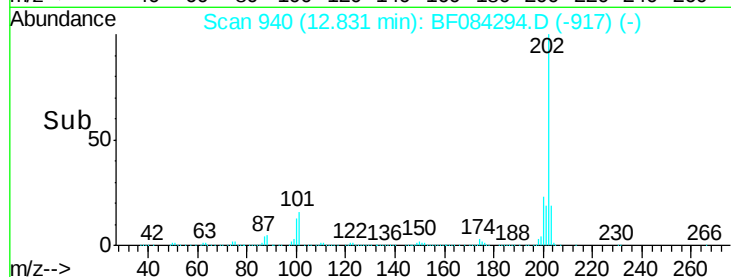
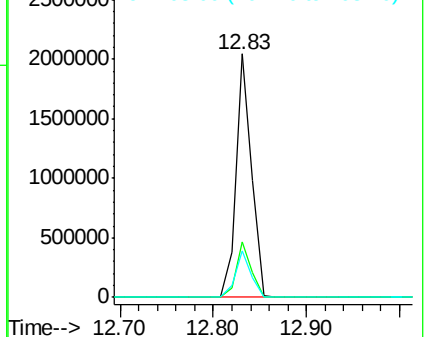
203 18.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.27 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

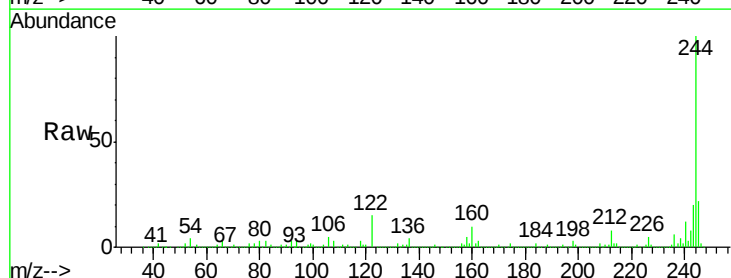
Tgt Ion:244 Resp: 2438597

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

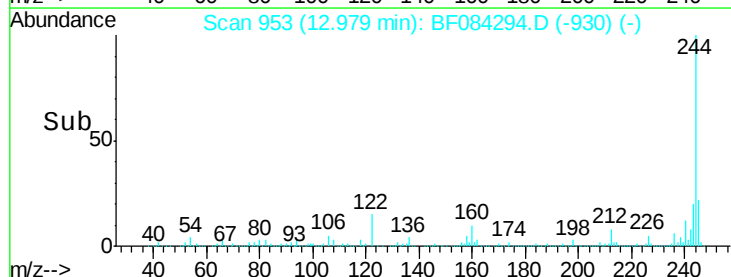
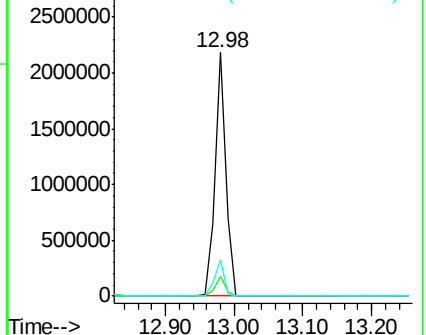
122 14.8 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

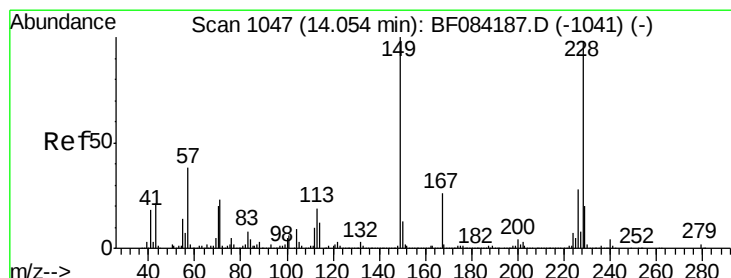
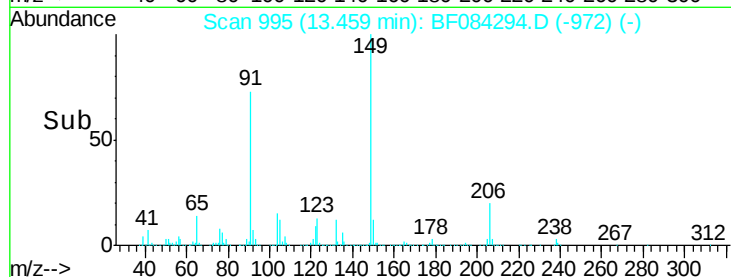
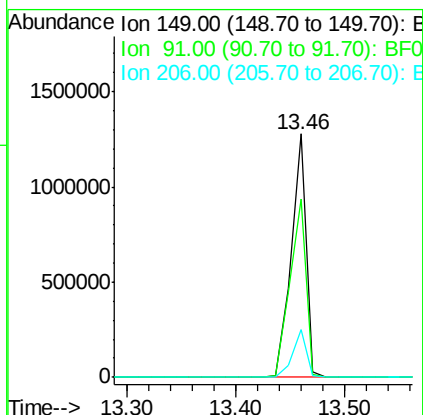
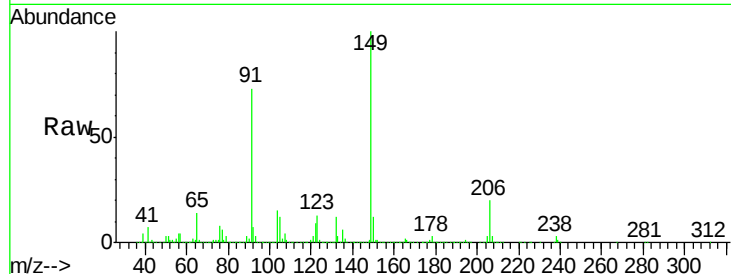




#79
Butylbenzylphthalate
Concen: 47.14 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

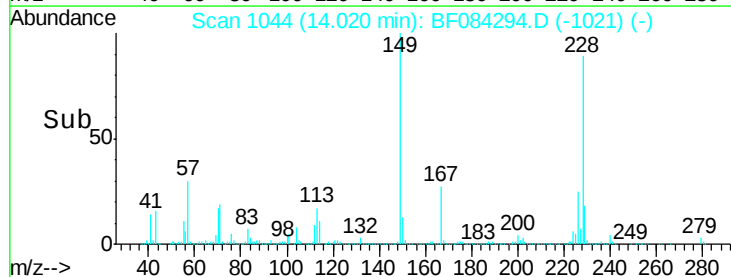
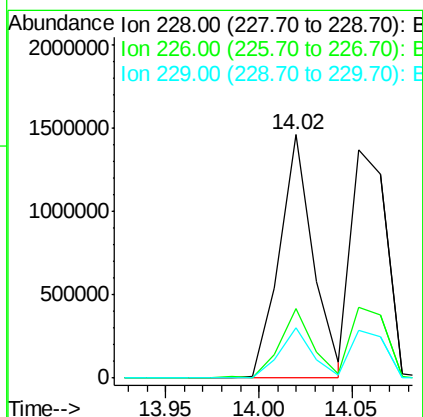
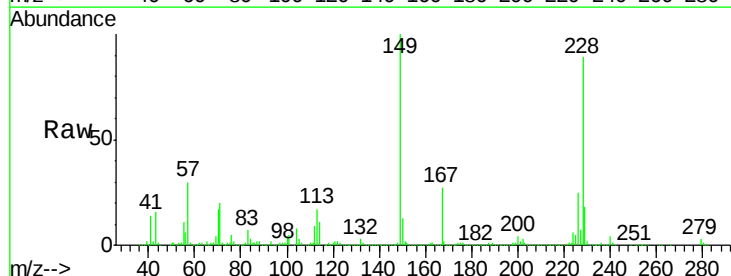
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

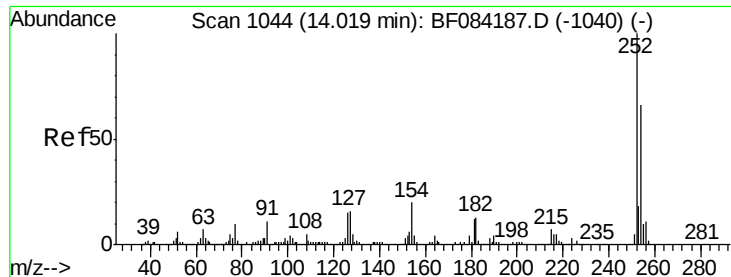
Tgt Ion:149 Resp: 1222784
Ion Ratio Lower Upper
149 100
91 73.4 57.6 86.4
206 19.7 13.2 19.8



#80
Benzo(a)anthracene
Concen: 41.19 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:228 Resp: 1847449
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.6
229 20.6 15.8 23.8

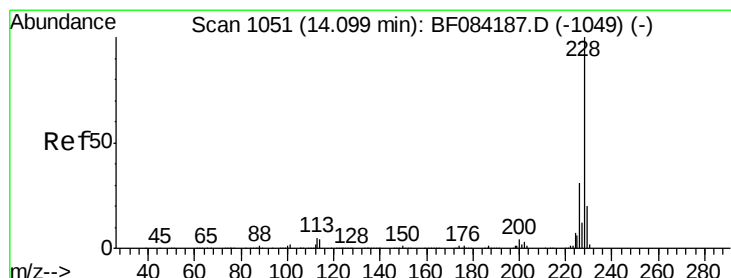
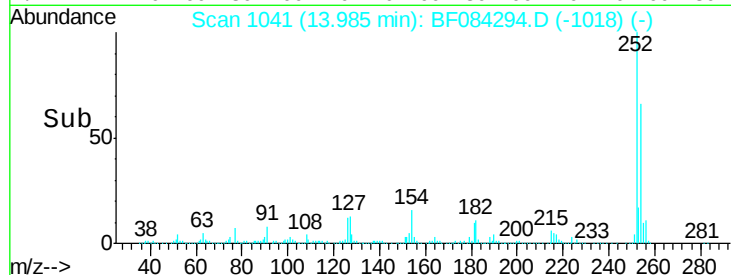
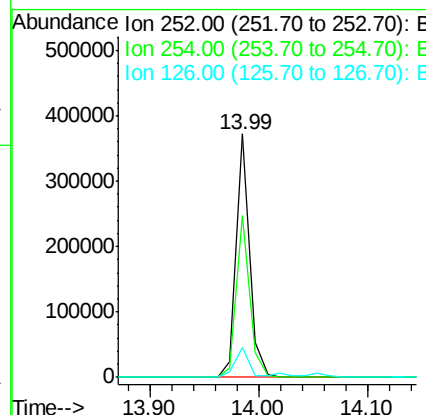
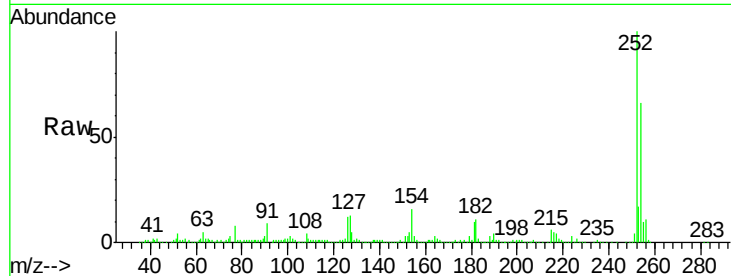




#81
 3,3'-Dichlorobenzidine
 Concen: 20.23 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

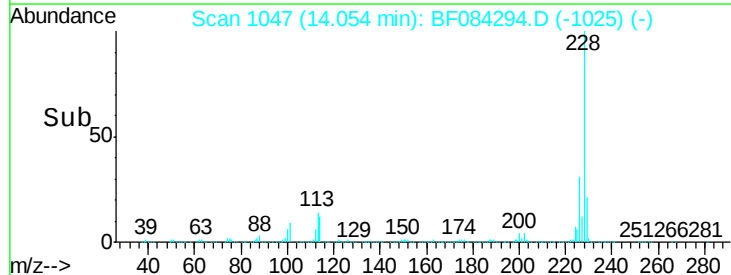
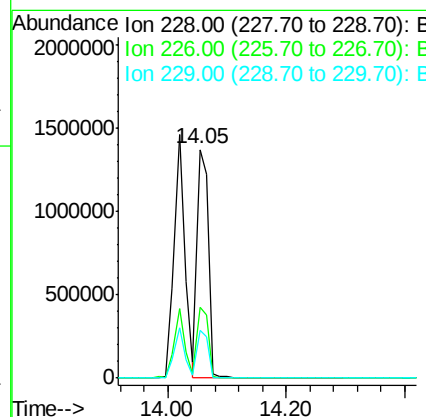
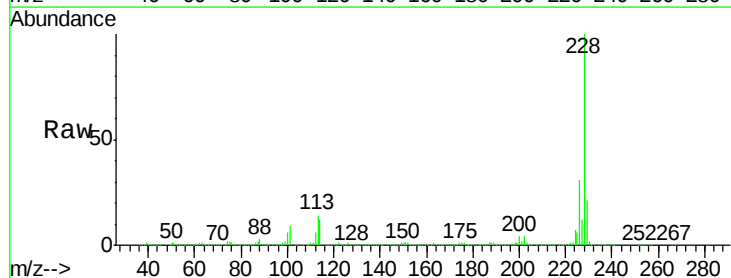
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

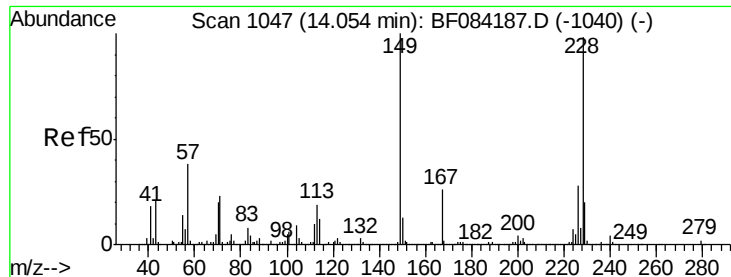
Tgt Ion:252 Resp: 316579
 Ion Ratio Lower Upper
 252 100
 254 66.3 53.5 80.3
 126 12.4 4.9 7.3#



#82
 Chrysene
 Concen: 42.50 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:228 Resp: 1831421
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.3 36.5
 229 20.7 16.1 24.1

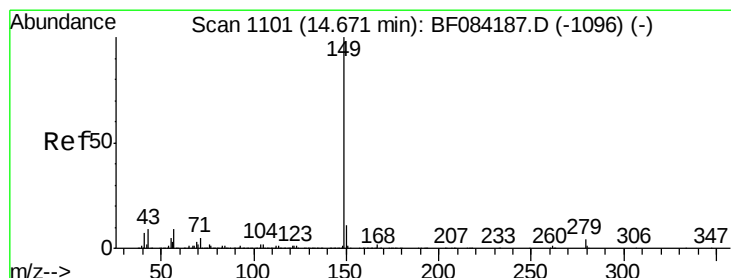
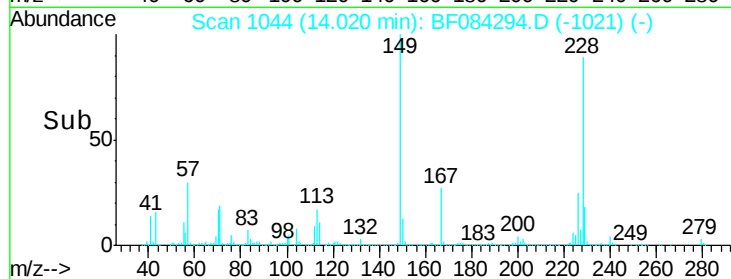
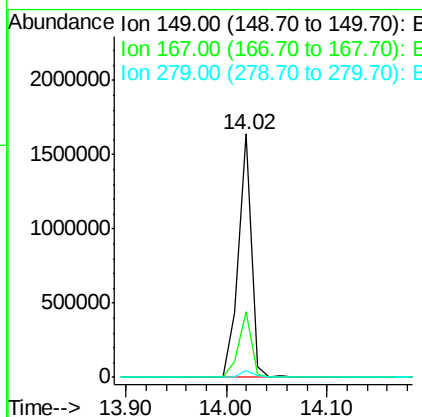
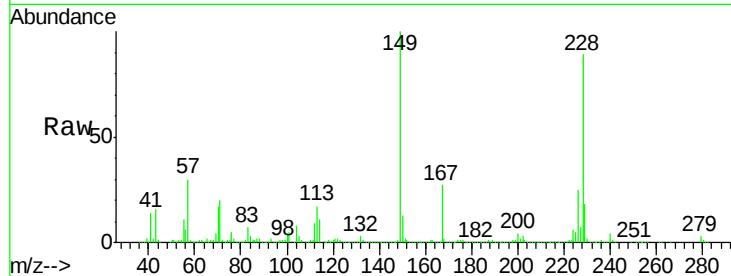




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.23 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

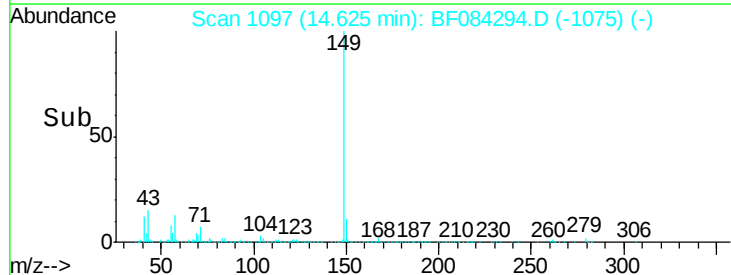
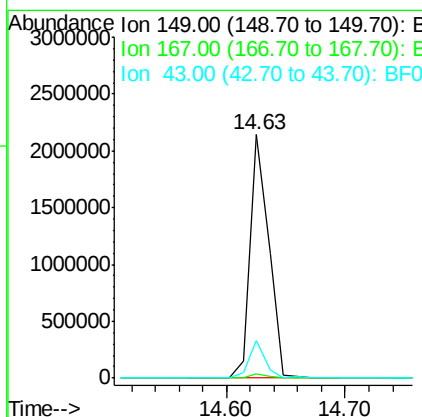
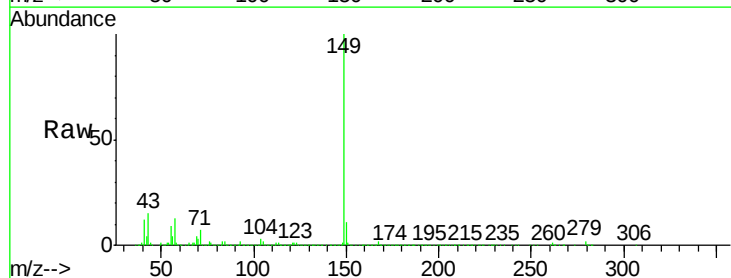
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

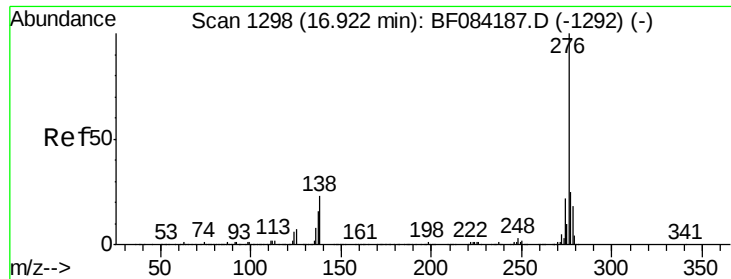
Tgt Ion:149 Resp: 1482268
 Ion Ratio Lower Upper
 149 100
 167 26.7 19.7 29.5
 279 3.0 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 42.80 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:149 Resp: 2368035
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.7 5.6 8.4#

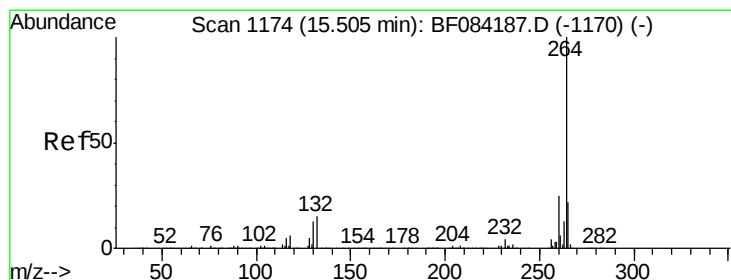
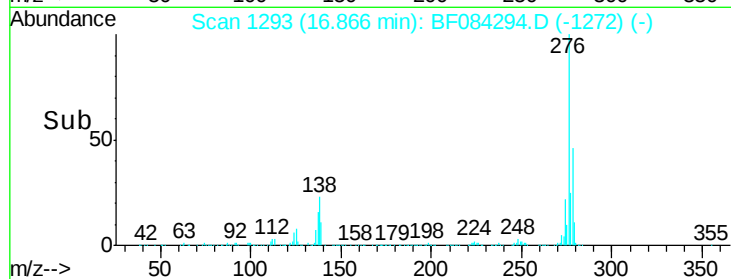
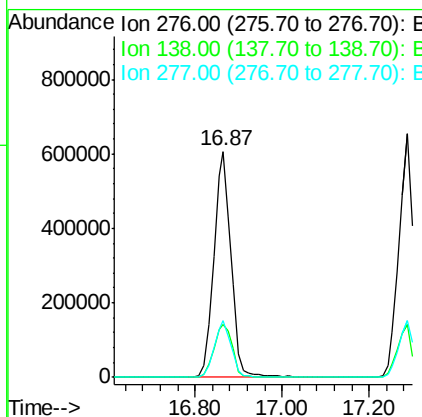
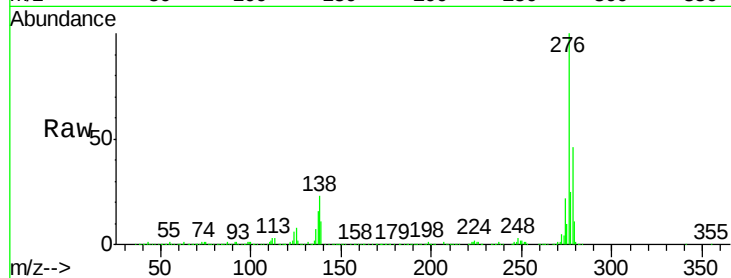




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.82 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.06 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

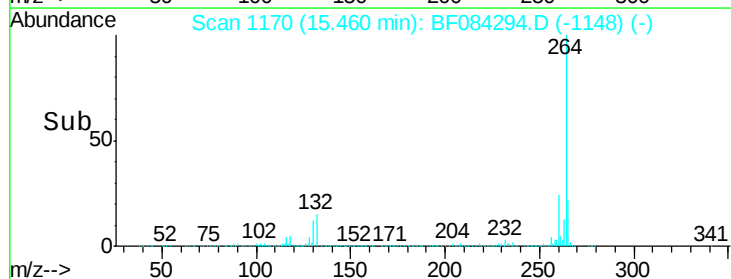
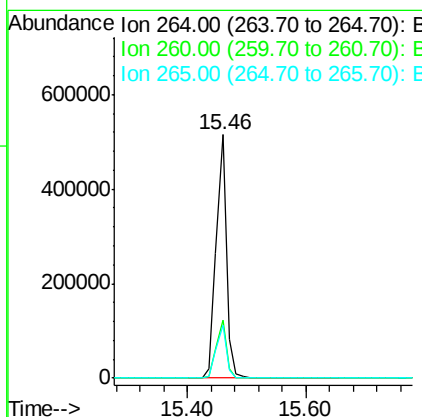
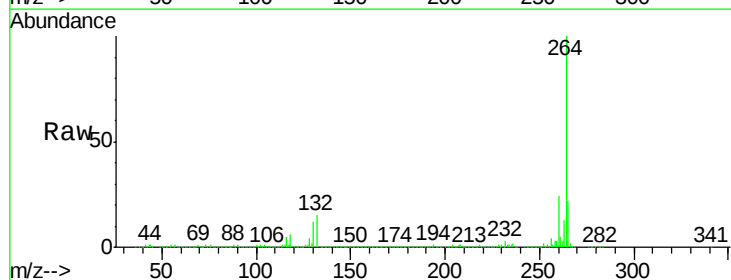
Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

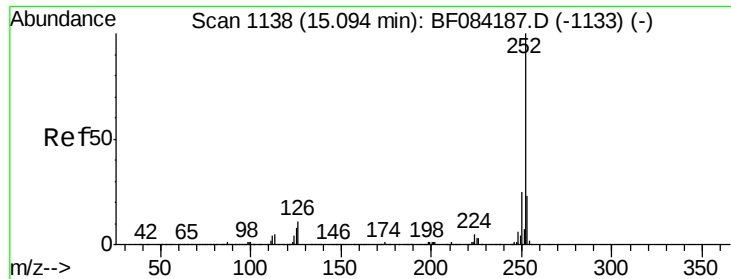
Tgt Ion:276 Resp: 1701939
 Ion Ratio Lower Upper
 276 100
 138 25.6 20.6 30.8
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:264 Resp: 624938
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 17.8 26.6

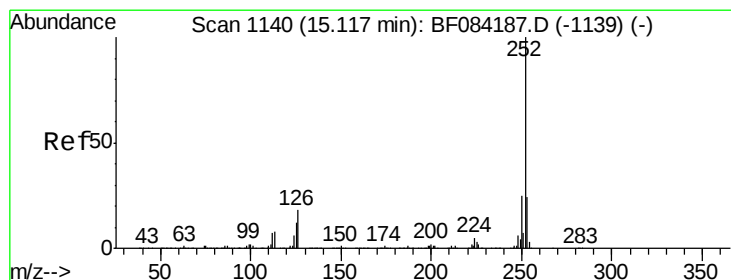
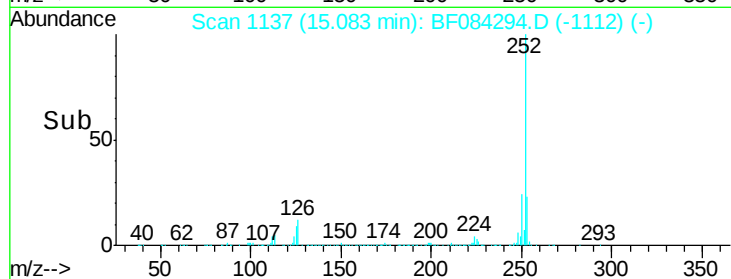
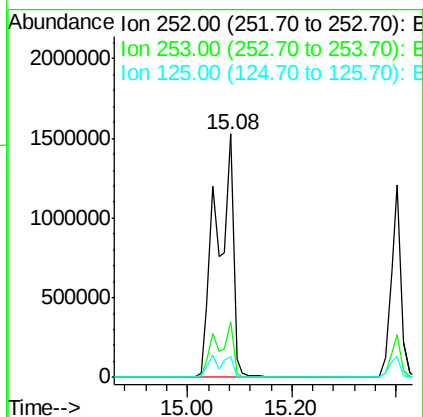
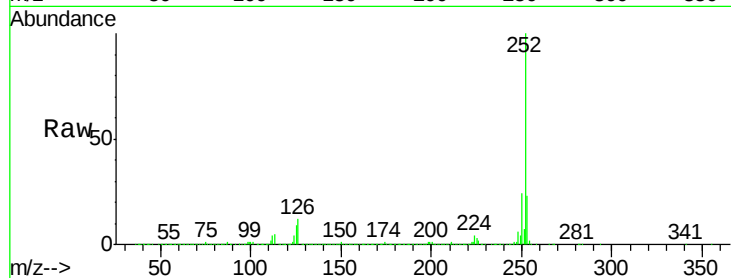




#87
Benzo(b)fluoranthene
Concen: 82.90 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

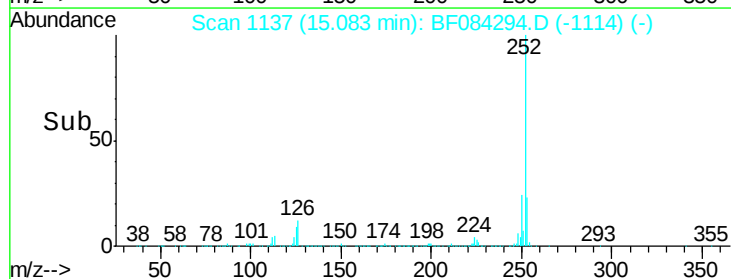
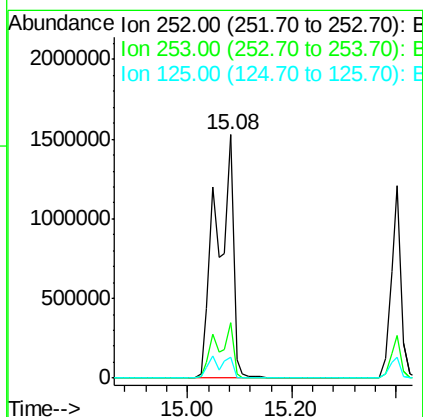
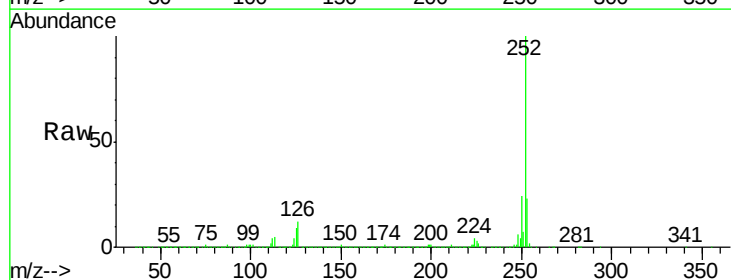
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

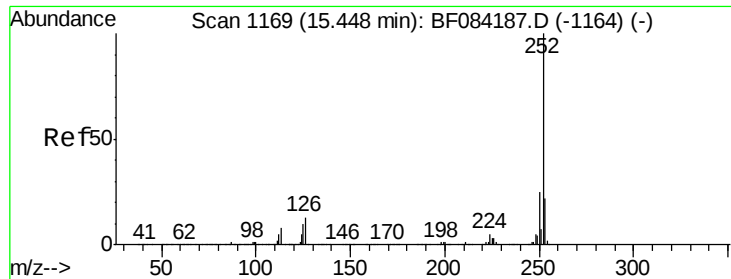
Tgt Ion:252 Resp: 3389143
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 8.6 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 101.37 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:252 Resp: 3389143
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 8.6 9.0 13.6#

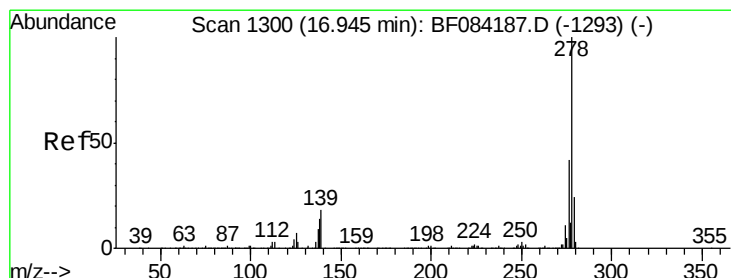
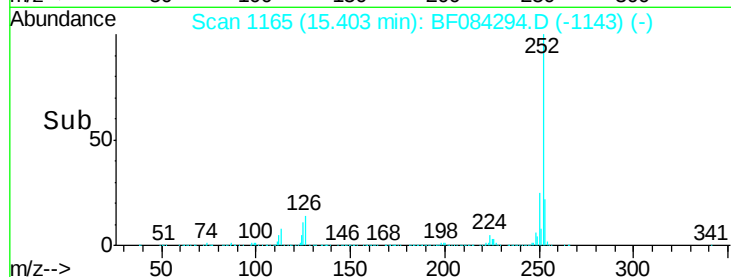
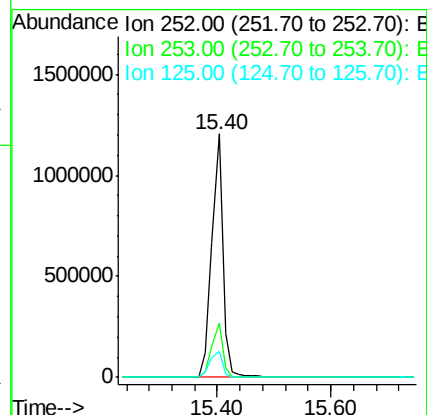
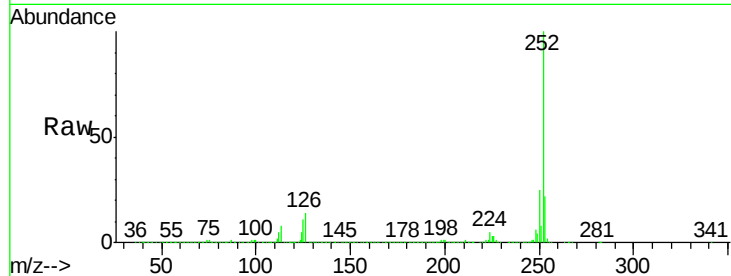




#89
Benzo(a)pyrene
Concen: 45.32 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

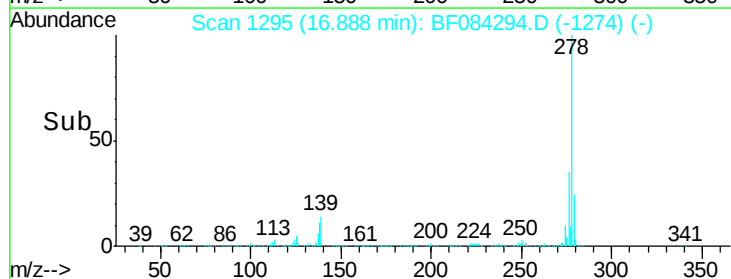
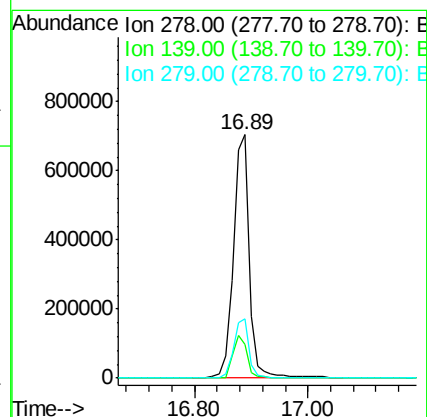
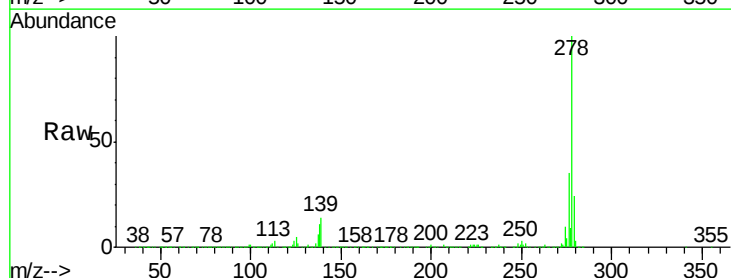
Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

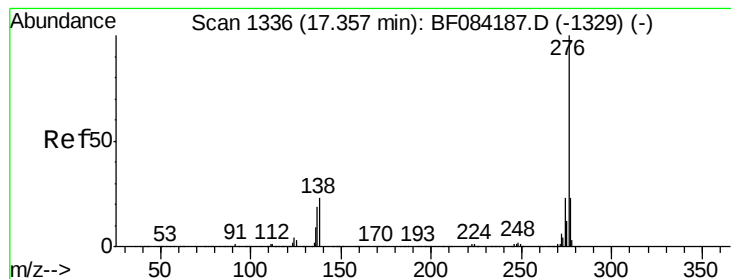
Tgt Ion:252 Resp: 1571301
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.7 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 46.42 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:278 Resp: 1384917
Ion Ratio Lower Upper
278 100
139 13.8 15.0 22.4#
279 24.1 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 47.11 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

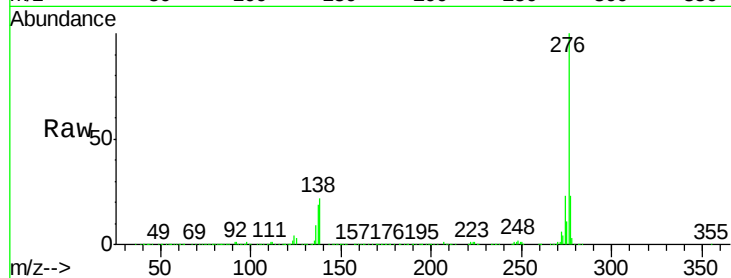
Tgt Ion:276 Resp: 1455541

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 21.7 17.8 26.6



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

