

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082272.D
 Acq On : 13 Oct 2015 23:50
 Operator : UM/IZ
 Sample : G4005-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Quant Time: Oct 14 01:24:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75846	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	301860	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	153210	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	276486	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	227209	20.00	ng	-0.10
86) Perylene-d12	15.52	264	208885	20.00	ng	-0.25

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	467332	124.35	ng	0.01
7) Phenol-d6	6.47	99	591238	120.90	ng	0.00
23) Nitrobenzene-d5	7.39	82	363868	80.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	160583	111.76	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	667007	72.20	ng	0.00
78) Terphenyl-d14	12.95	244	639342	74.57	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	50856	26.93	ng	96
3) Pyridine	3.14	79	123267	28.07	ng	97
4) n-Nitrosodimethylamine	3.10	42	62600	33.61	ng	96
6) Aniline	6.49	93	123178	19.54	ng	# 90
8) 2-Chlorophenol	6.61	128	155313	33.85	ng	# 77
9) Benzaldehyde	6.37	77	80228	32.12	ng	93
10) Phenol	6.48	94	210461	37.33	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	166205	34.86	ng	94
12) 1,3-Dichlorobenzene	6.77	146	182193	34.10	ng	97
13) 1,4-Dichlorobenzene	6.85	146	183493	32.89	ng	97
14) 1,2-Dichlorobenzene	6.99	146	178088	33.61	ng	97
15) Benzyl Alcohol	6.97	79	123067	36.45	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	220132	33.15	ng	98
17) 2-Methylphenol	7.09	107	127186	35.06	ng	99
18) Hexachloroethane	7.34	117	60243	31.54	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	109454	31.87	ng	# 88
20) 3+4-Methylphenols	7.25	107	163099	37.73	ng	94
22) Acetophenone	7.25	105	222126	37.20	ng	# 95
24) Nitrobenzene	7.42	77	169320	34.80	ng	96
25) Isophorone	7.66	82	304340	33.55	ng	96
26) 2-Nitrophenol	7.74	139	87264	35.92	ng	94
27) 2,4-Dimethylphenol	7.77	122	137060	35.02	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	180918	34.27	ng	99
29) 2,4-Dichlorophenol	7.98	162	149646	38.25	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	152231	33.75	ng	99
31) Naphthalene	8.14	128	469879	35.91	ng	100
32) Benzoic acid	7.85	122	19657	7.48	ng	95
33) 4-Chloroaniline	8.19	127	75187	13.84	ng	98
34) Hexachlorobutadiene	8.25	225	92363	32.87	ng	98
35) Caprolactam	8.56	113	40367	35.55	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	143500	37.50	ng	# 82
37) 2-Methylnaphthalene	8.83	142	314201	34.64	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	153545	33.69	ng	98
40) Hexachlorocyclopentadiene	8.98	237	57376	30.60	ng	99

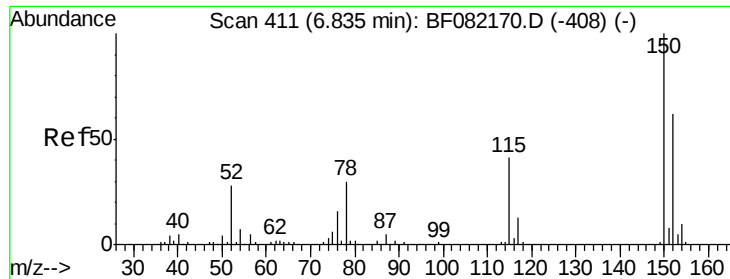
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	96365	31.84	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	118623	36.18	nq	96
45) 1,1'-Biphenyl	9.29	154	364667	31.21	nq	99
46) 2-Chloronaphthalene	9.33	162	302450	32.89	nq	98
47) 2-Nitroaniline	9.43	65	92349	36.57	nq	# 57
48) Acenaphthylene	9.74	152	515344	35.97	nq	99
49) Dimethylphthalate	9.60	163	461845	42.81	nq	100
50) 2,6-Dinitrotoluene	9.67	165	83344	36.61	nq	97
51) Acenaphthene	9.91	154	306187	35.60	nq	99
52) 3-Nitroaniline	9.84	138	59655	23.20	nq	92
53) 2,4-Dinitrophenol	9.94	184	16227	18.13	nq	# 86
54) Dibenzofuran	10.08	168	433672	36.73	nq	100
55) 4-Nitrophenol	10.01	139	117340	69.66	nq	85
56) 2,4-Dinitrotoluene	10.07	165	103345	36.32	nq	98
57) Fluorene	10.42	166	352638	36.36	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	90881	33.92	nq	93
59) Diethylphthalate	10.30	149	325264	32.34	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	146449	32.96	nq	96
61) 4-Nitroaniline	10.46	138	80390	32.23	nq	92
62) Azobenzene	10.57	77	332203	33.75	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	18220	11.74	nq	94
65) n-Nitrosodiphenylamine	10.54	169	298958	36.11	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	90004	32.53	nq	# 89
67) Hexachlorobenzene	10.97	284	107627	35.96	nq	# 94
68) Atrazine	11.06	200	91736	34.98	nq	98
69) Pentachlorophenol	11.17	266	110623	71.84	nq	98
70) Phenanthrene	11.38	178	582691	43.00	nq	99
71) Anthracene	11.44	178	569756	40.80	nq	100
72) Carbazole	11.60	167	486458	38.18	nq	99
73) Di-n-butylphthalate	11.93	149	547295	34.82	nq	98
74) Fluoranthene	12.58	202	701080	48.17	nq	99
76) Benzidine	12.71	184	129029	19.60	nq	99
77) Pyrene	12.81	202	709206	52.60	nq	99
79) Butylbenzylphthalate	13.43	149	203697	33.10	nq	92
80) Benzo(a)anthracene	14.02	228	495758	41.94	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	118499	26.41	nq	# 96
82) Chrysene	14.06	228	483310	38.80	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	285228	32.49	nq	# 98
84) Di-n-octyl phthalate	14.66	149	461304	30.60	nq	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	391443	39.54	nq	99
87) Benzo(b)fluoranthene	15.13	252	848210	66.74	nq	99
88) Benzo(k)fluoranthene	15.13	252	848210	79.41	nq	98
89) Benzo(a)pyrene	15.46	252	417762	38.25	nq	99
90) Dibenzo(a,h)anthracene	16.97	278	307134	34.32	nq	98
91) Benzo(g,h,i)perylene	17.38	276	323115	37.16	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082272.D

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UST-3MSD

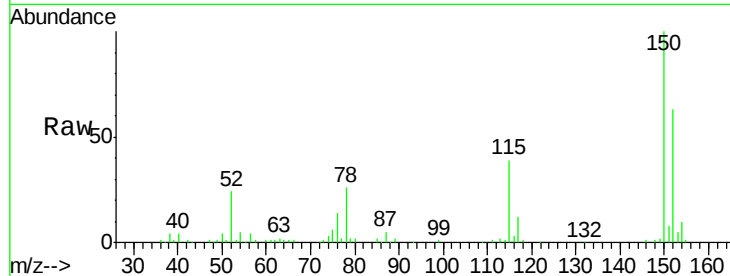
Tot Ion:152 Resp: 75846

Ion Ratio Lower Upper

152 100

150 158.5 129.0 193.4

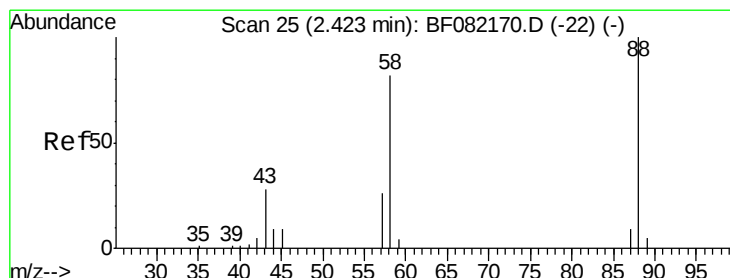
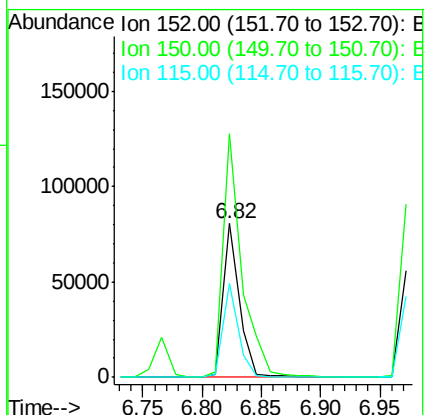
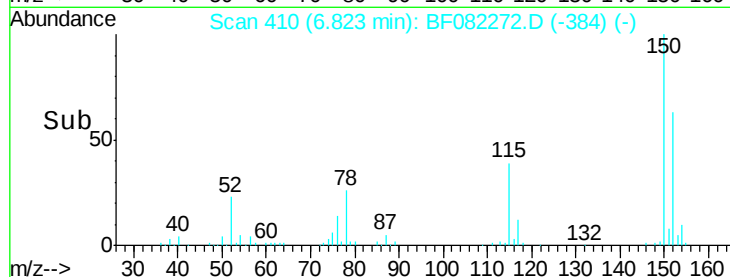
115 61.0 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.93 ng

RT: 2.42 min Scan# 25

Delta R.T. 0.05 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

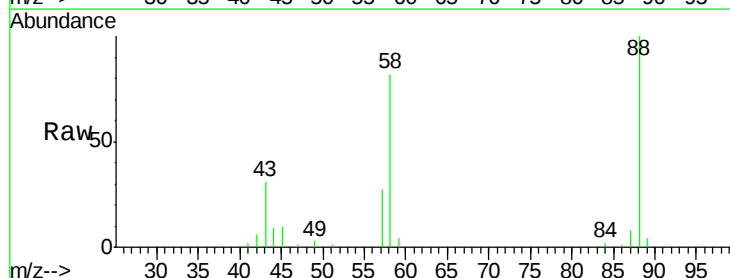
Tgt Ion: 88 Resp: 50856

Ion Ratio Lower Upper

88 100

58 86.6 66.2 99.4

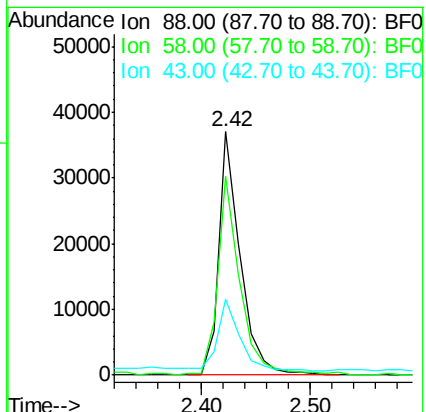
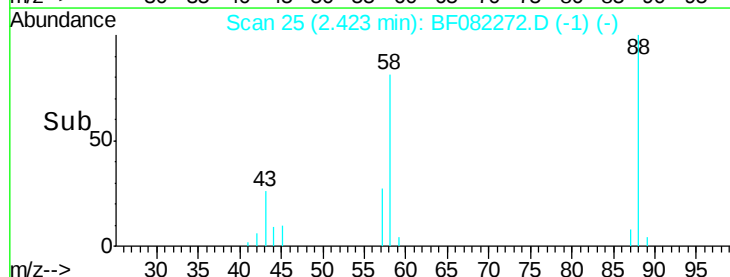
43 30.8 23.0 34.4

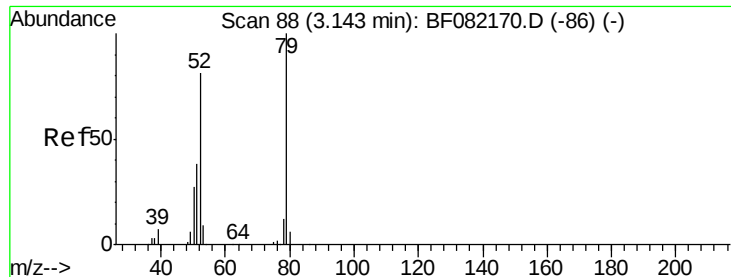


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.07 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.05 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

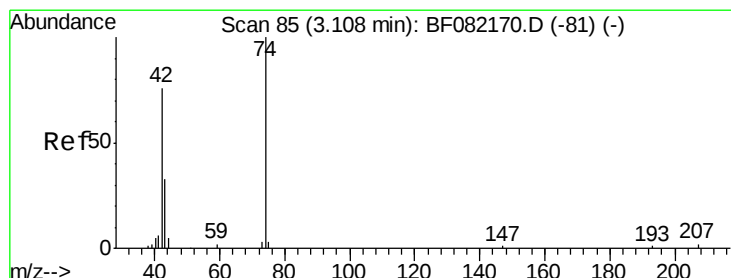
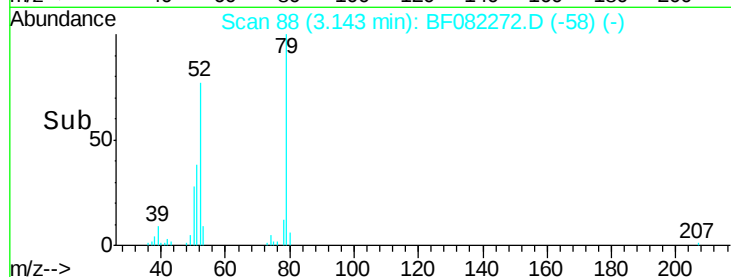
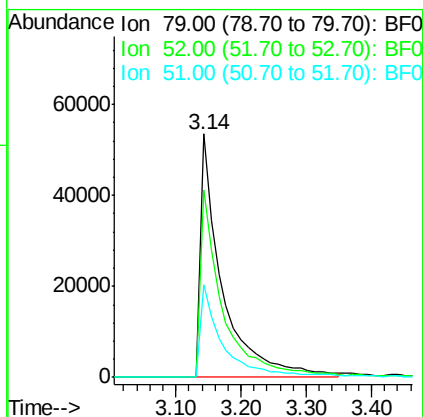
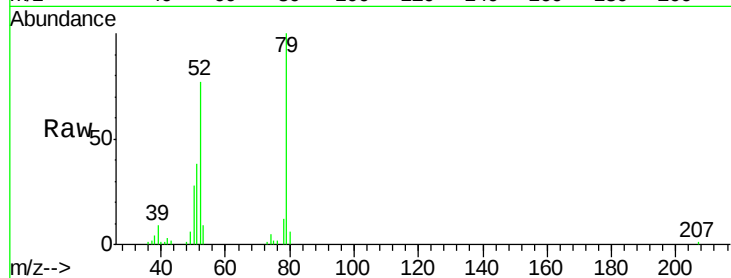
Tot Ion: 79 Resp: 123267

Ion Ratio Lower Upper

79 100

52 77.1 64.4 96.6

51 38.1 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 33.61 ng

RT: 3.10 min Scan# 84

Delta R.T. 0.03 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

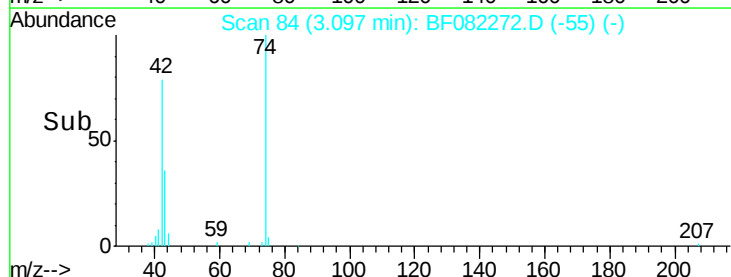
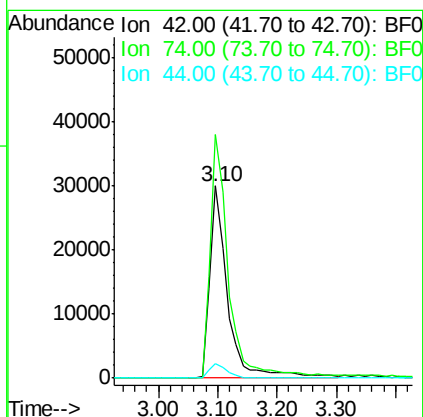
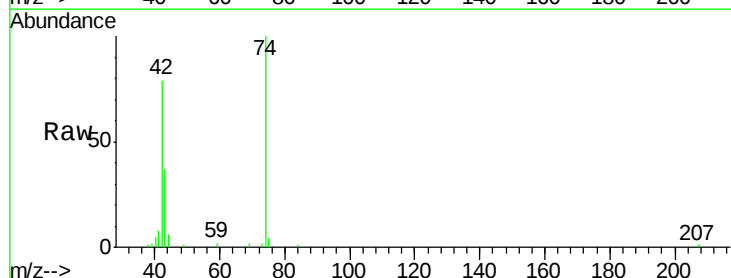
Tgt Ion: 42 Resp: 62600

Ion Ratio Lower Upper

42 100

74 126.7 105.7 158.5

44 7.6 5.4 8.2





#5

2-Fluorophenol

Concen: 124.35 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

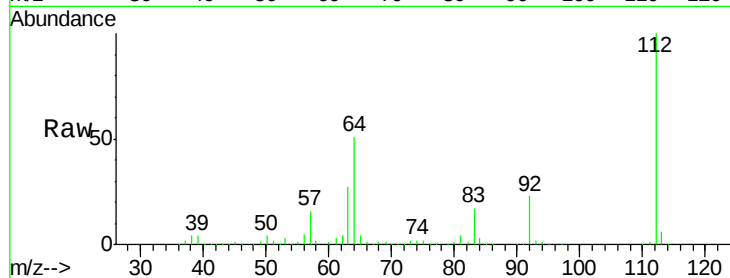
Tot Ion:112 Resp: 467332

Ion Ratio Lower Upper

112 100

64 50.9 48.6 73.0

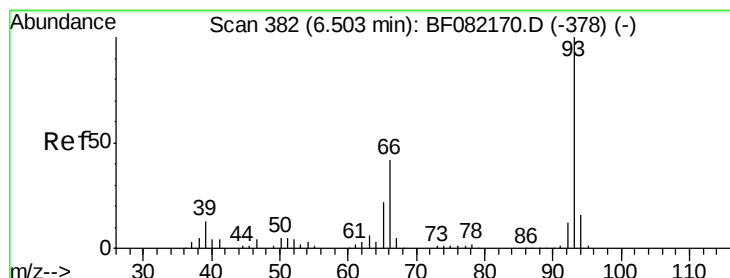
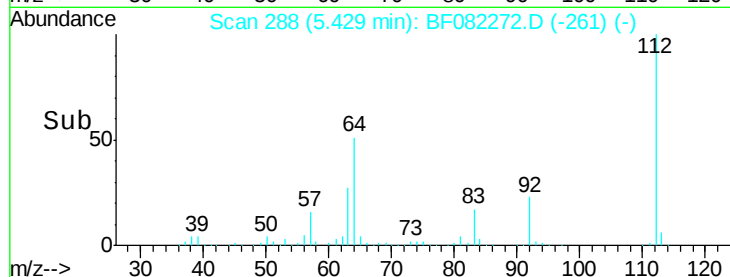
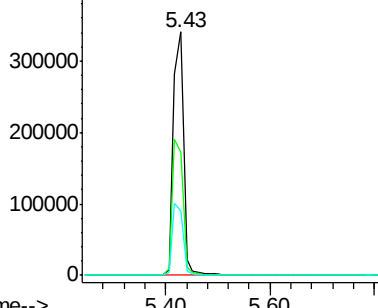
63 26.6 25.1 37.7



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: 19.54 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

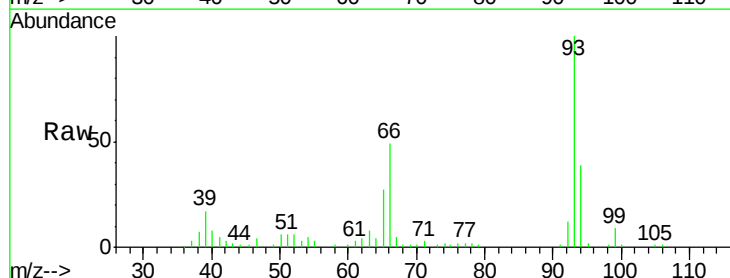
Tgt Ion: 93 Resp: 123178

Ion Ratio Lower Upper

93 100

66 49.3 34.2 51.2

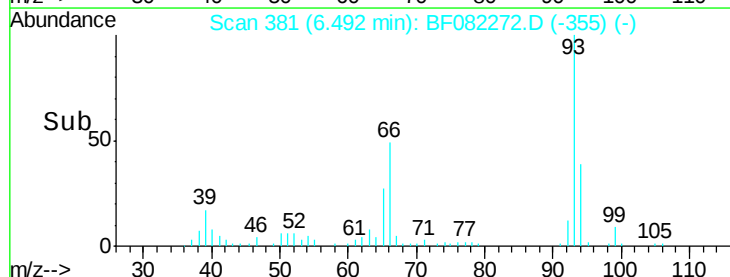
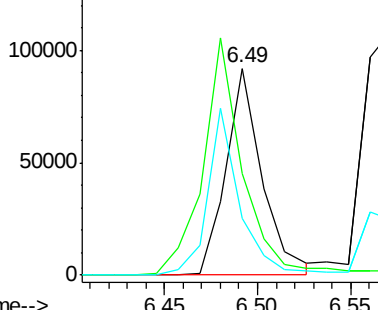
65 27.1 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.90 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

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ClientSampleId :

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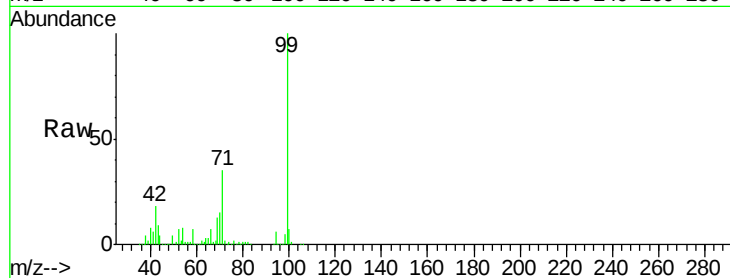
Tot Ion: 99 Resp: 591238

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

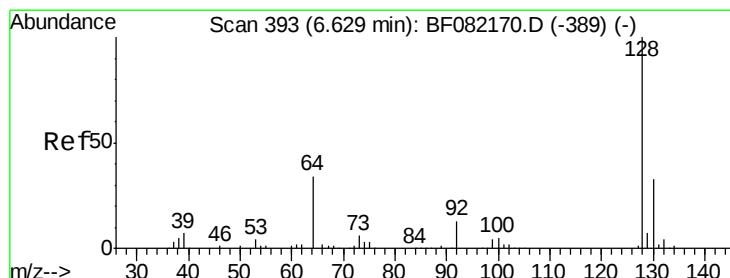
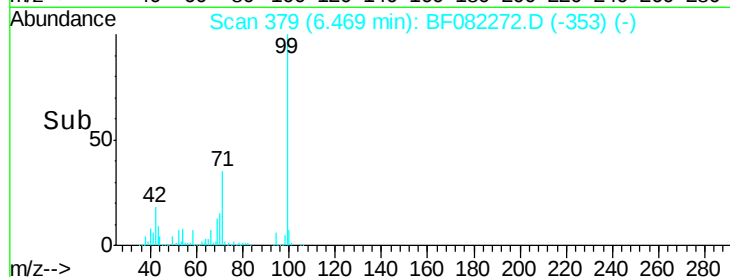
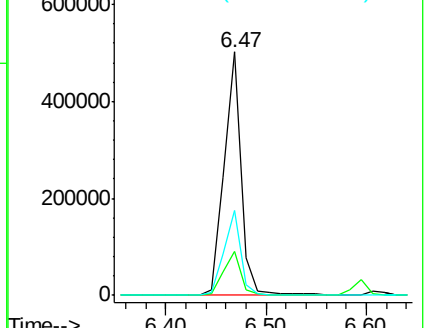
71 34.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.85 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

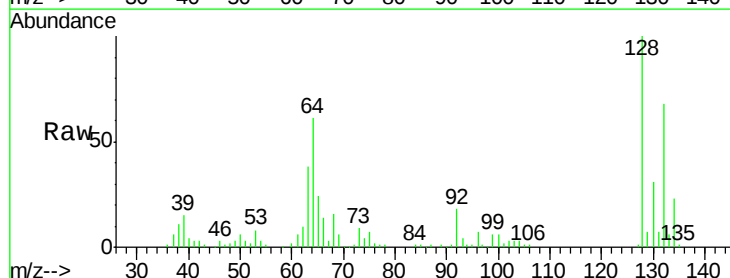
Tgt Ion: 128 Resp: 155313

Ion Ratio Lower Upper

128 100

130 31.3 12.6 52.6

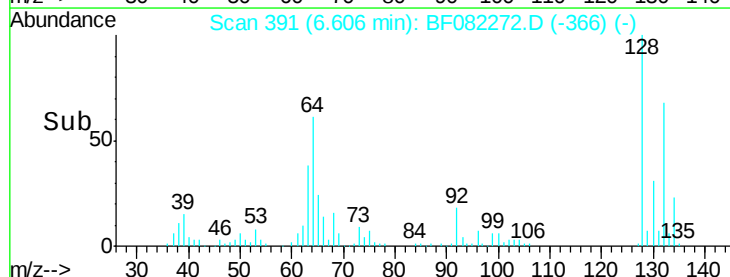
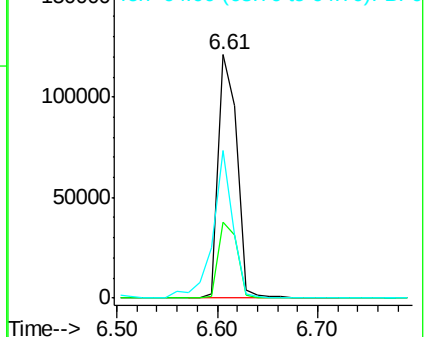
64 60.8 16.7 56.7#

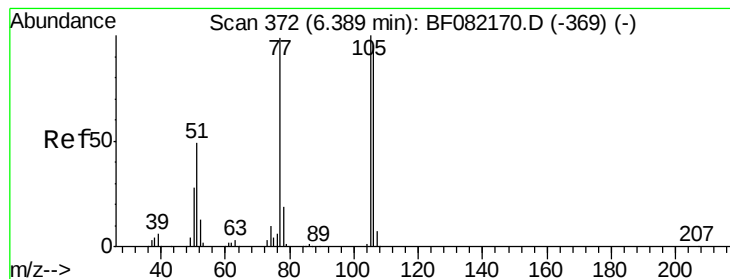


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.12 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

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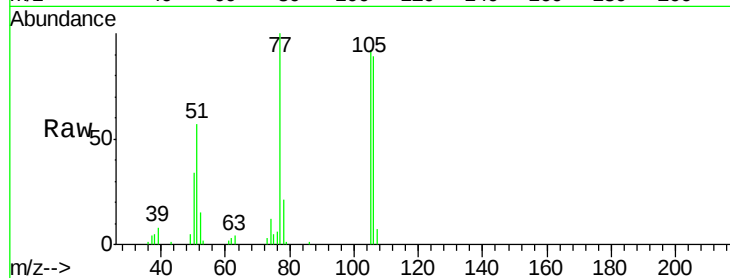
Tot Ion: 77 Resp: 80228

Ion Ratio Lower Upper

77 100

105 92.3 80.6 120.6

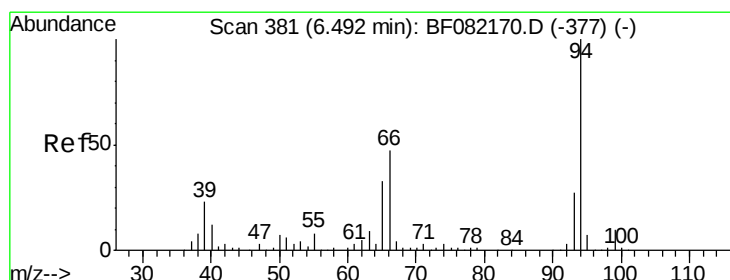
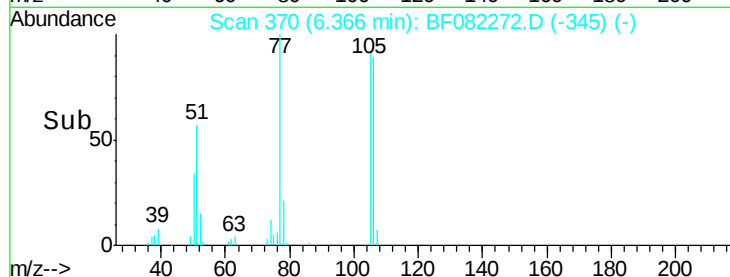
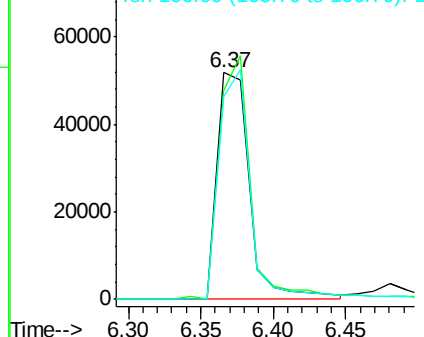
106 89.1 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.33 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

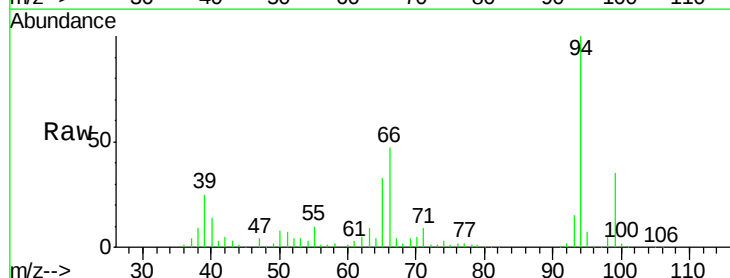
Tgt Ion: 94 Resp: 210461

Ion Ratio Lower Upper

94 100

65 33.1 12.6 52.6

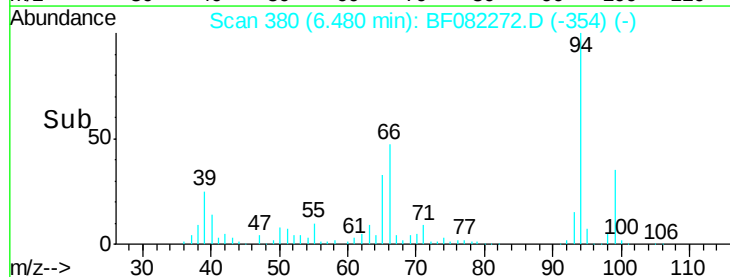
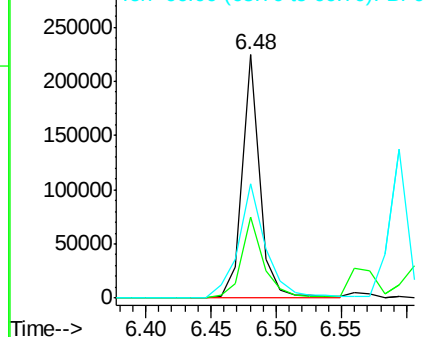
66 46.9 27.3 67.3

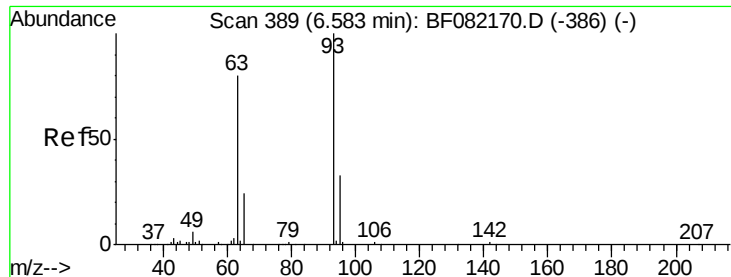


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.86 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

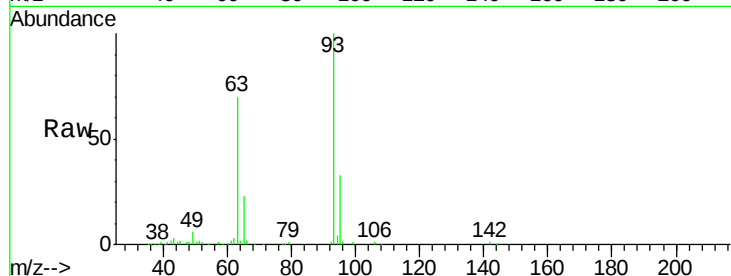
Tot Ion: 93 Resp: 166205

Ion Ratio Lower Upper

93 100

63 70.1 57.1 97.1

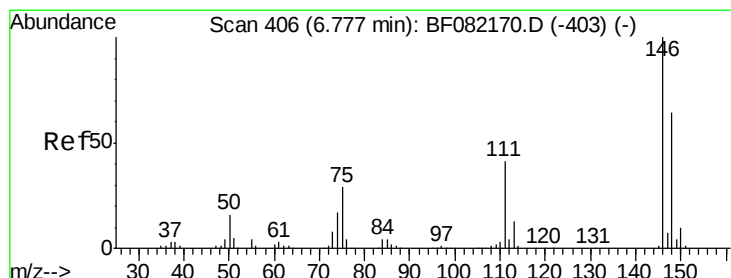
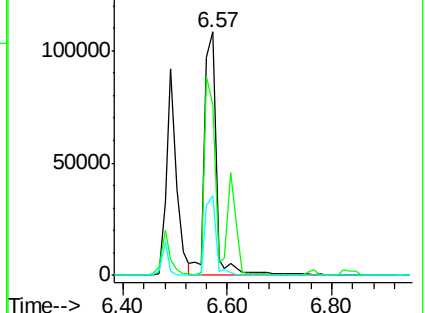
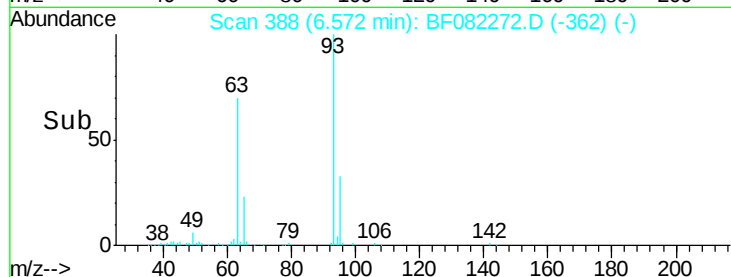
95 32.7 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.10 ng

RT: 6.77 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

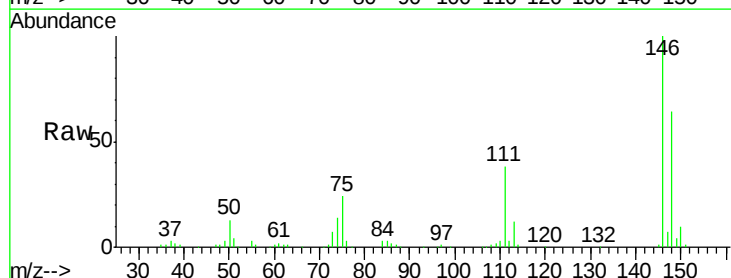
Tgt Ion: 146 Resp: 182193

Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

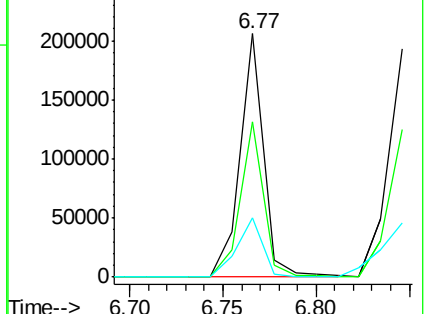
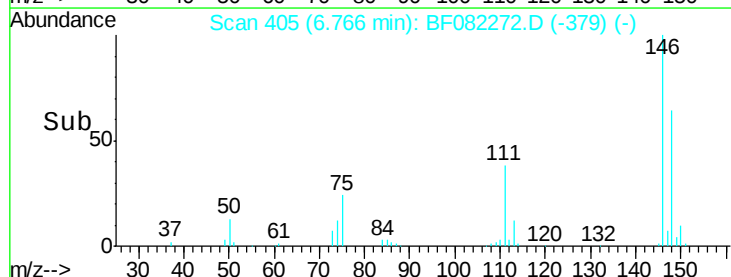
75 24.3 23.0 34.6

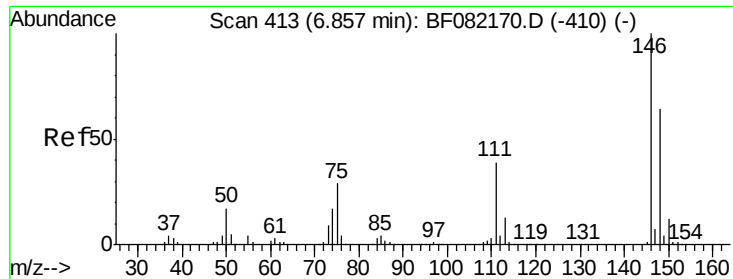


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

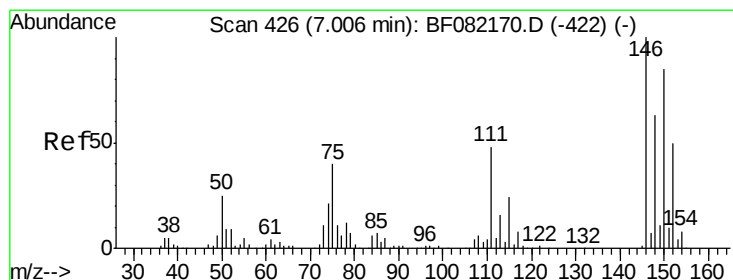
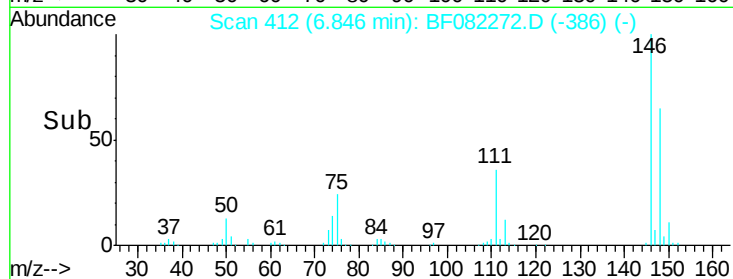
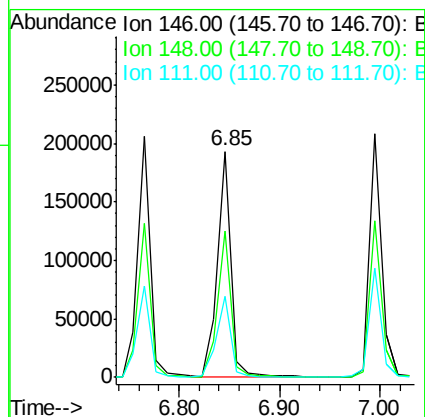
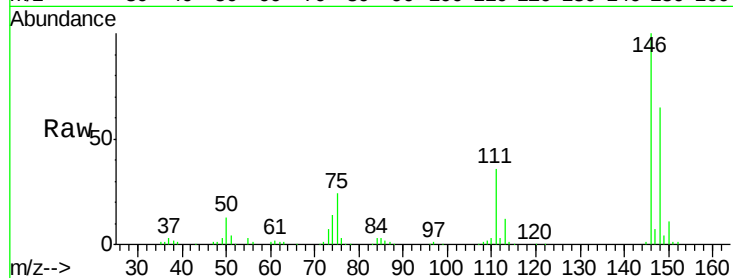




#13
 1,4-Dichlorobenzene
 Concen: 32.89 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

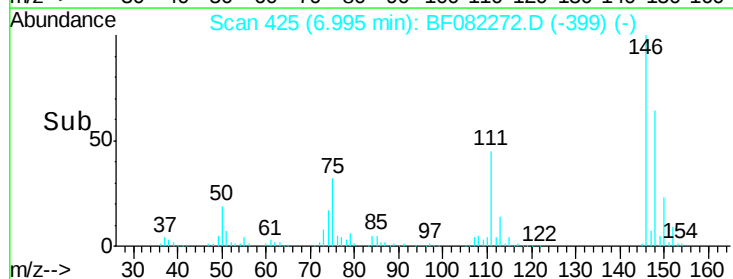
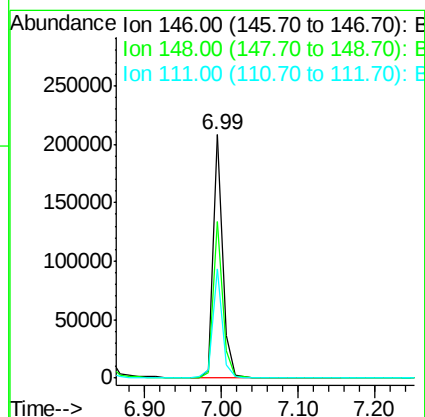
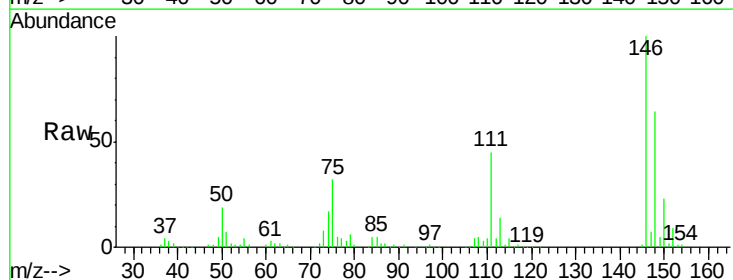
Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion:146 Resp: 183493
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.4
 111 36.1 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 33.61 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:146 Resp: 178088
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.5 75.7
 111 44.7 38.5 57.7

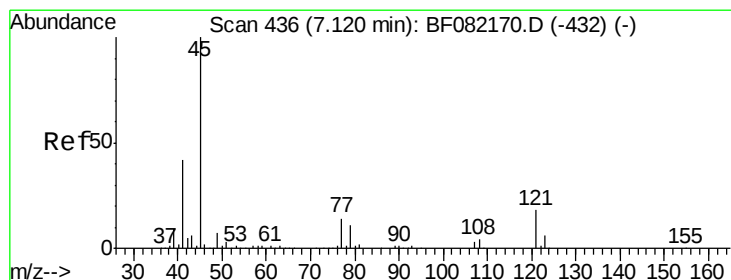
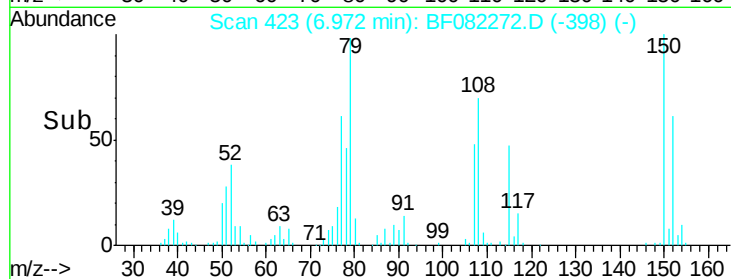
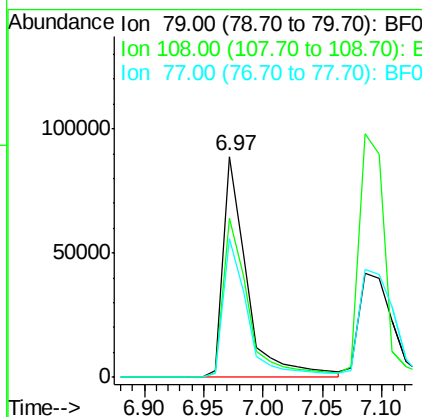
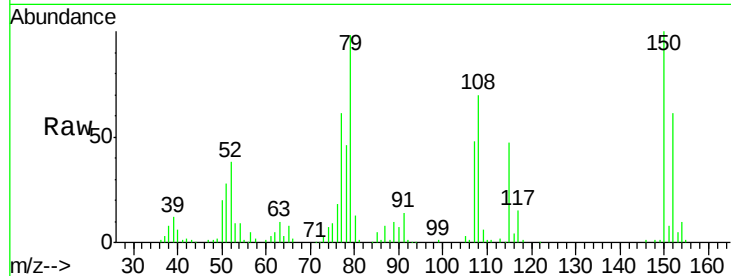




#15
Benzyl Alcohol
Concen: 36.45 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

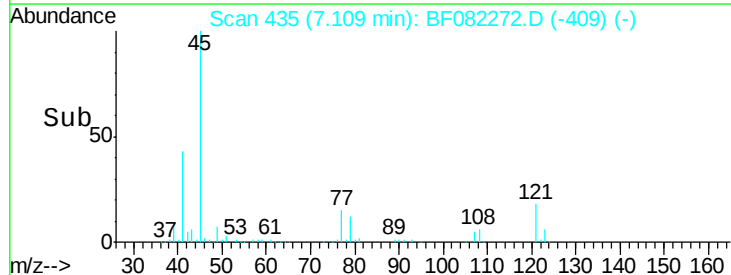
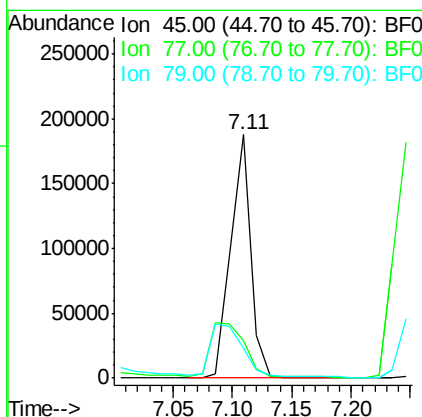
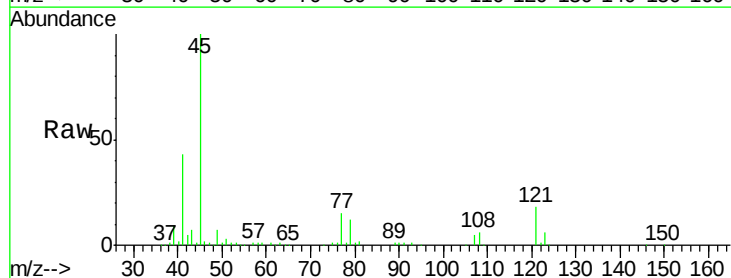
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

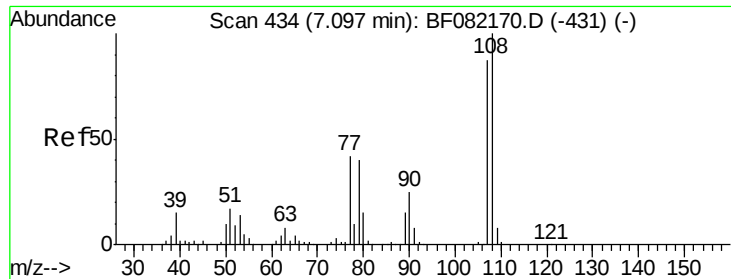
Tot Ion: 79 Resp: 123067
Ion Ratio Lower Upper
79 100
108 71.9 58.4 87.6
77 62.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.15 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion: 45 Resp: 220132
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.5
79 12.2 0.0 31.6

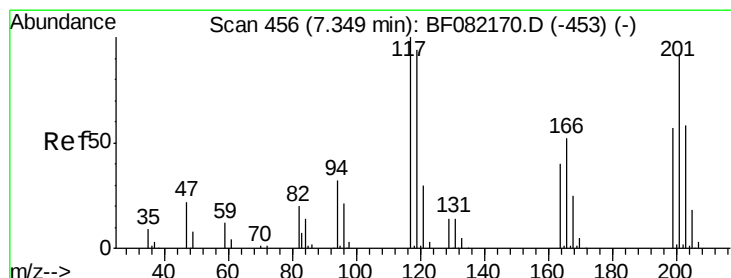
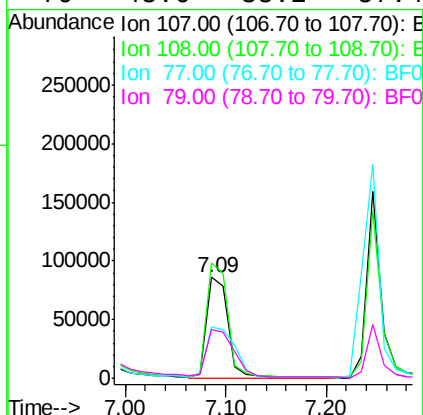
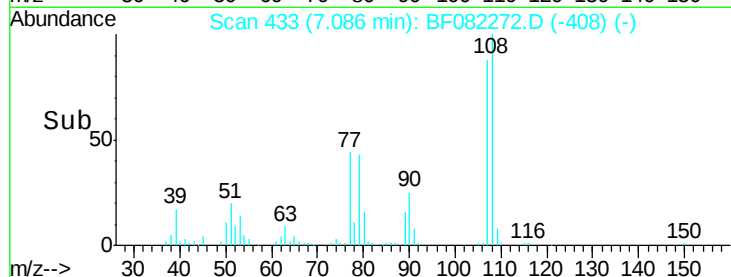
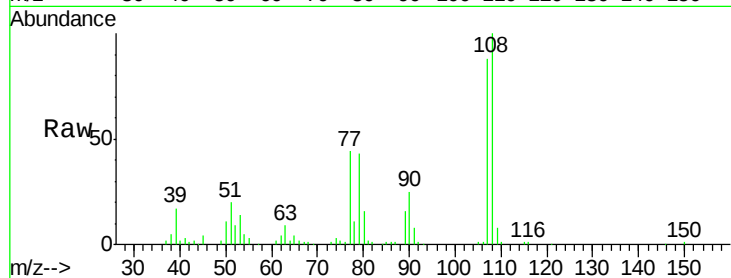




#17
2-Methylphenol
Concen: 35.06 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

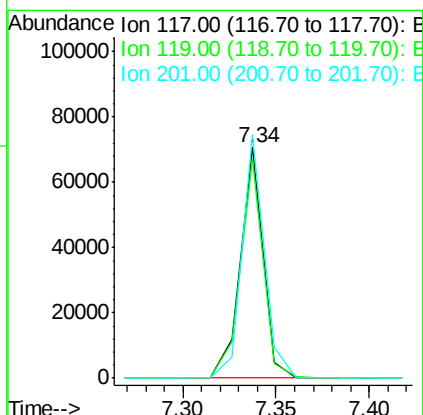
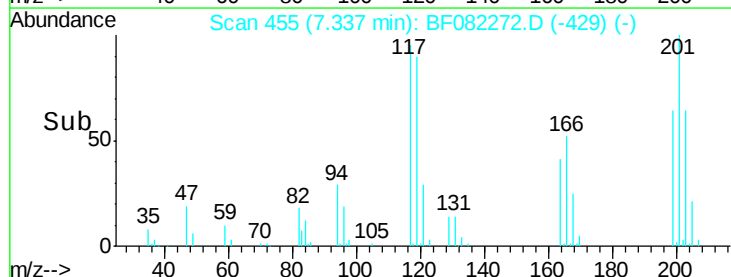
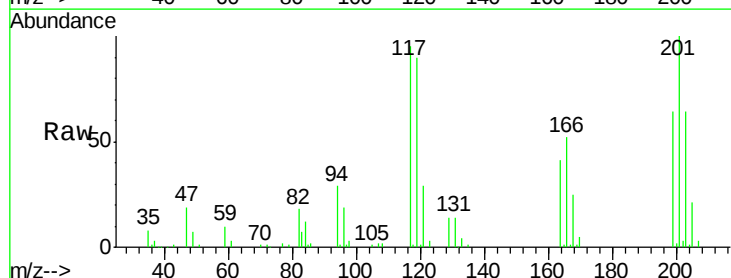
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

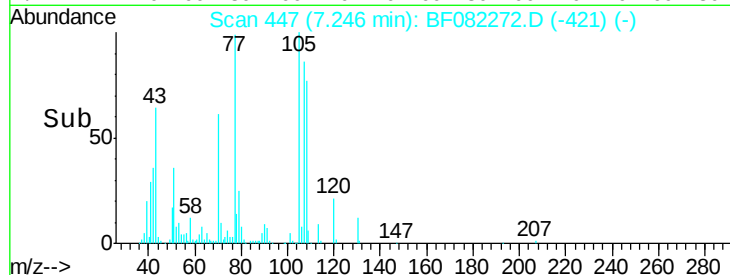
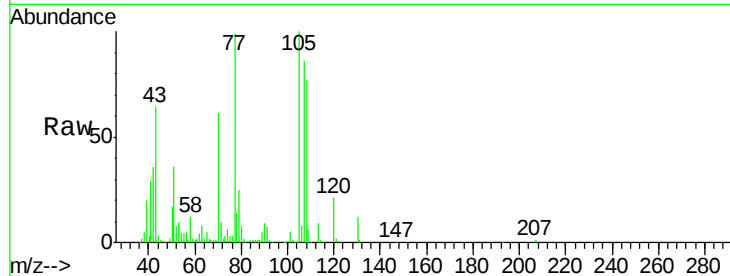
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	92.2	138.2
77	50.2	39.6	59.4
79	48.6	38.2	57.4



#18
Hexachloroethane
Concen: 31.54 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.2
201	105.6	73.4	110.0

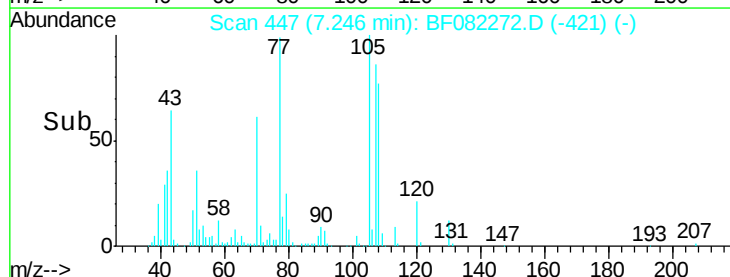
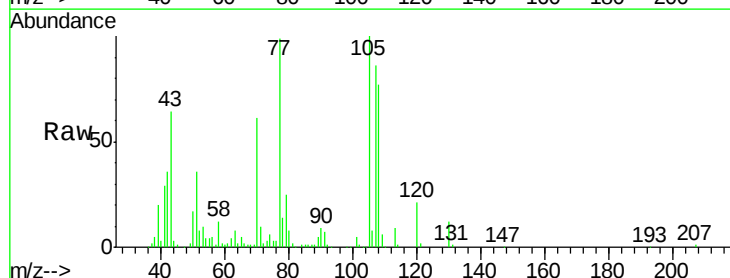
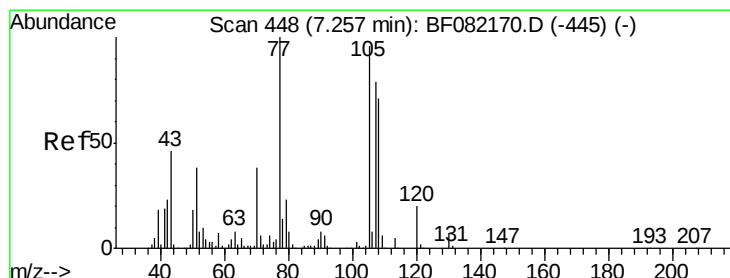
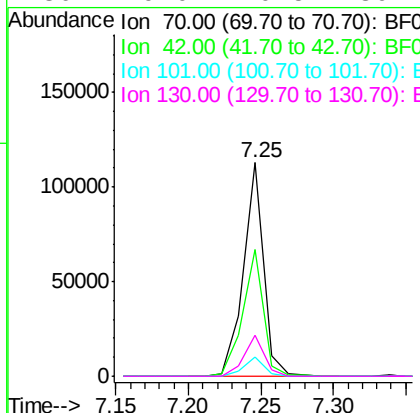




#19
n-Nitroso-di-n-propylamine
Concen: 31.87 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

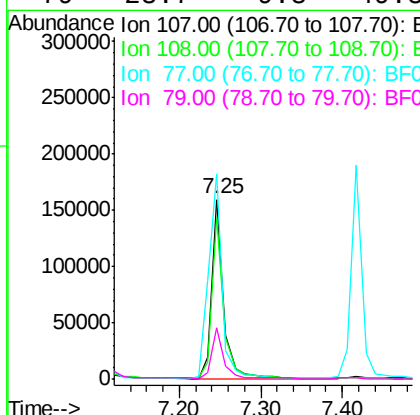
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

Tot Ion: 70 Resp: 109454
Ion Ratio Lower Upper
70 100
42 59.1 39.8 59.8
101 9.0 8.6 13.0
130 19.0 20.5 30.7#



#20
3+4-Methylphenols
Concen: 37.73 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion: 107 Resp: 163099
Ion Ratio Lower Upper
107 100
108 89.8 69.9 109.9
77 114.3 106.0 146.0
79 28.7 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

Tot Ion:136 Resp: 301860

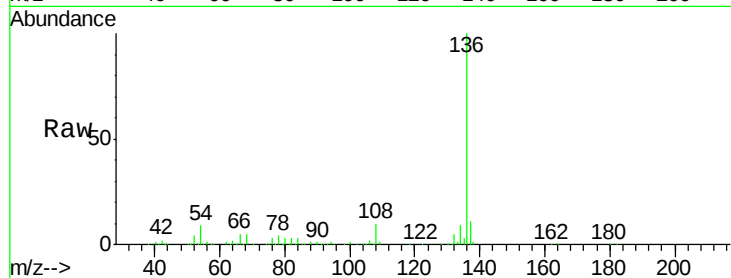
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.6 7.5 11.3

68 5.4 4.6 7.0

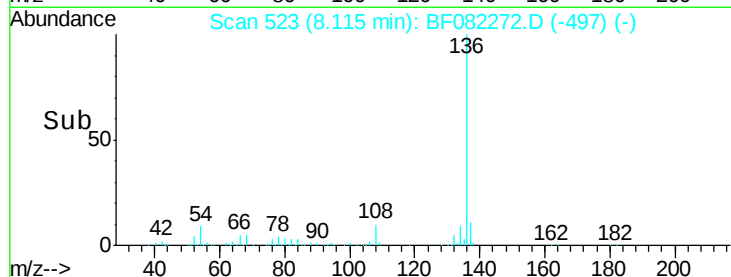


Abundance Ion 136.00 (135.70 to 136.70): E

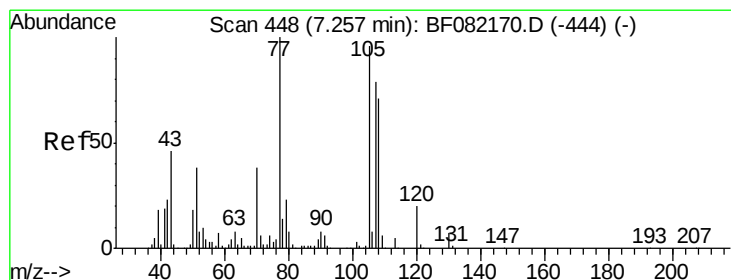
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 37.20 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Tgt Ion:105 Resp: 222126

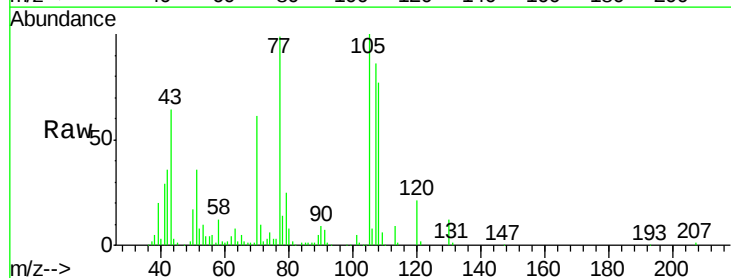
Ion Ratio Lower Upper

105 100

71 9.8 5.4 8.0#

51 36.0 31.8 47.6

120 20.7 16.3 24.5

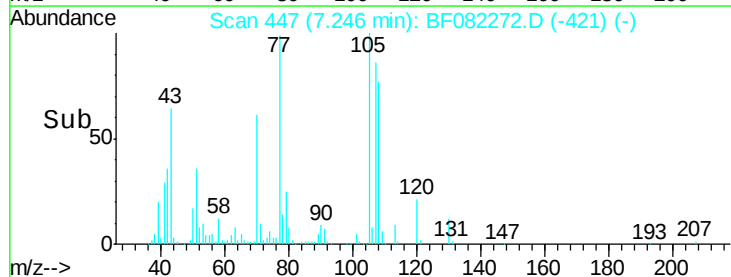


Abundance Ion 105.00 (104.70 to 105.70): E

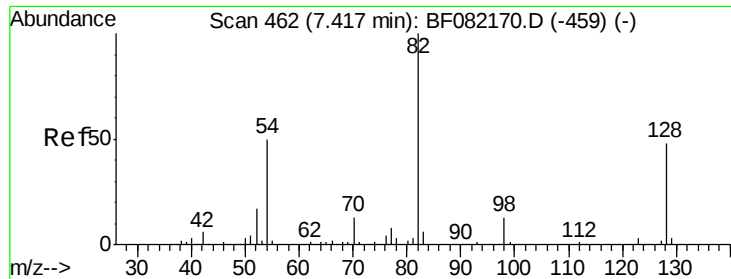
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



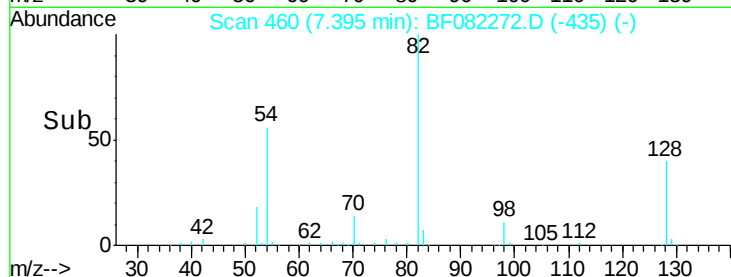
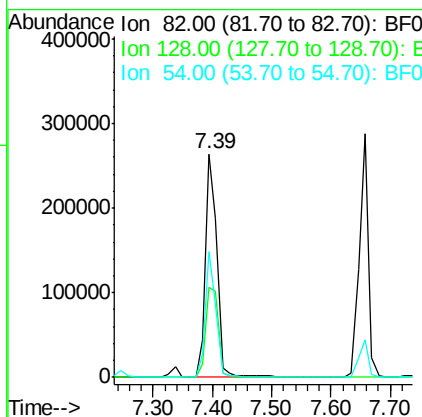
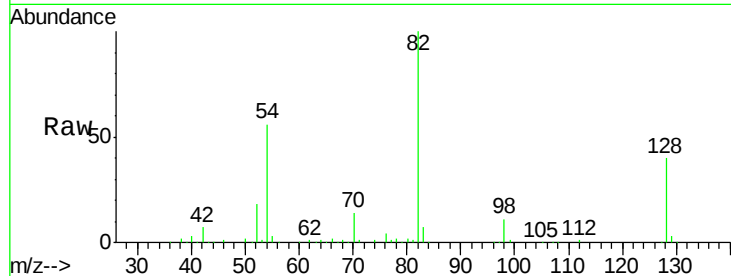
Time--> 7.10 7.20 7.30 7.40



#23
 Nitrobenzene-d5
 Concen: 80.95 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

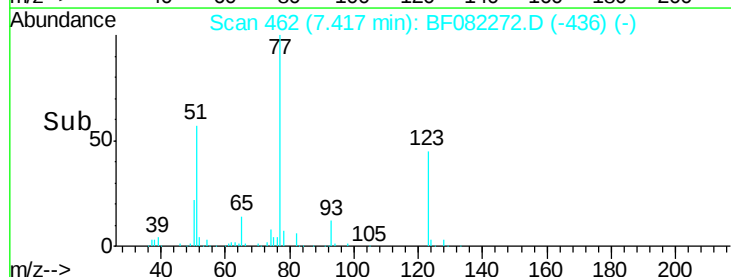
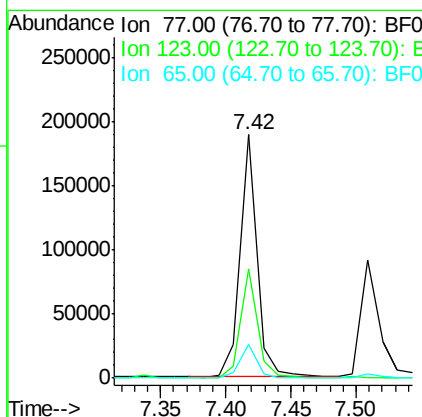
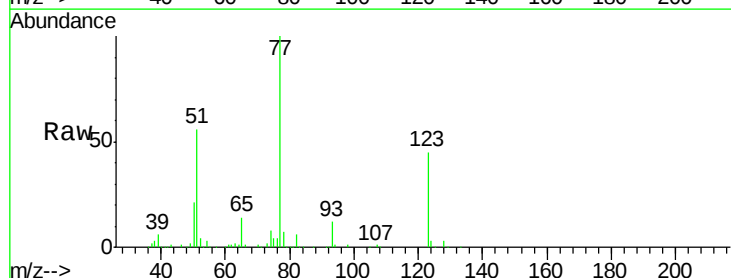
Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion: 82 Resp: 363868
 Ion Ratio Lower Upper
 82 100
 128 40.5 38.7 58.1
 54 56.4 40.1 60.1



#24
 Nitrobenzene
 Concen: 34.80 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion: 77 Resp: 169320
 Ion Ratio Lower Upper
 77 100
 123 44.8 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 33.55 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

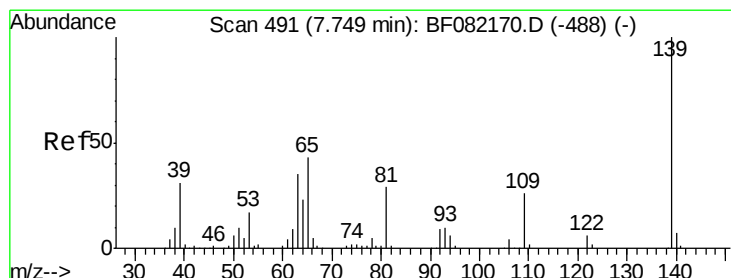
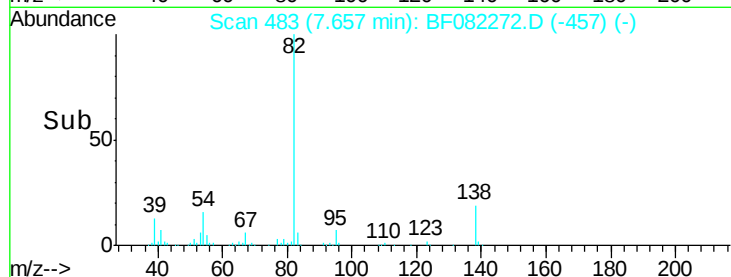
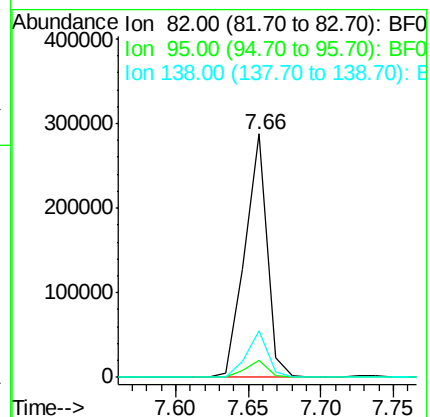
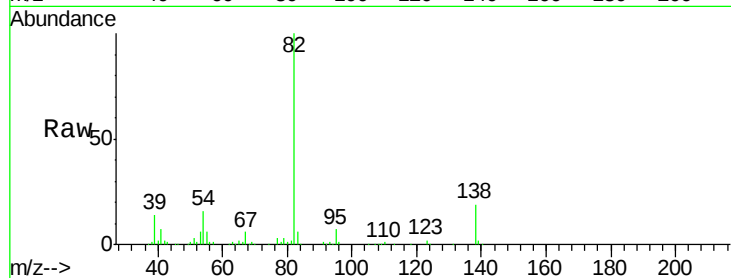
Tot Ion: 82 Resp: 304340

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 19.4 13.6 20.4



#26

2-Nitrophenol

Concen: 35.92 ng

RT: 7.74 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

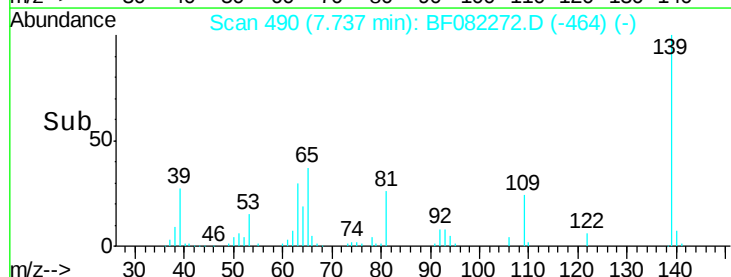
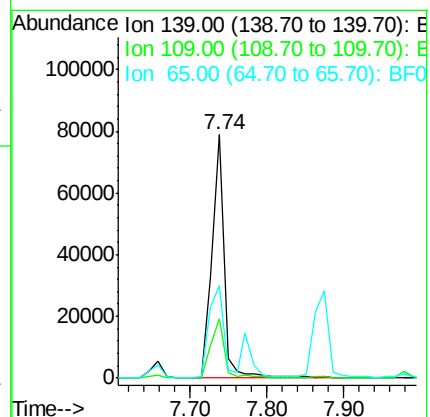
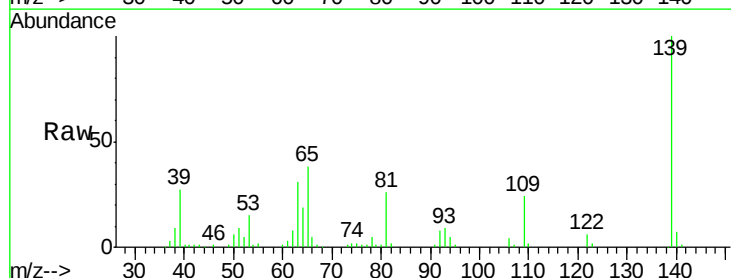
Tgt Ion: 139 Resp: 87264

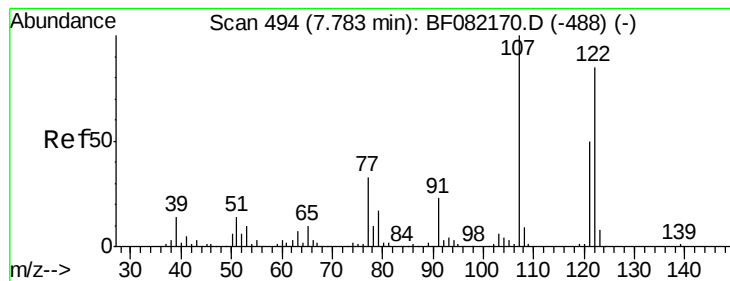
Ion Ratio Lower Upper

139 100

109 24.5 20.6 31.0

65 38.1 34.3 51.5





#27

2,4-Dimethylphenol

Concen: 35.02 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

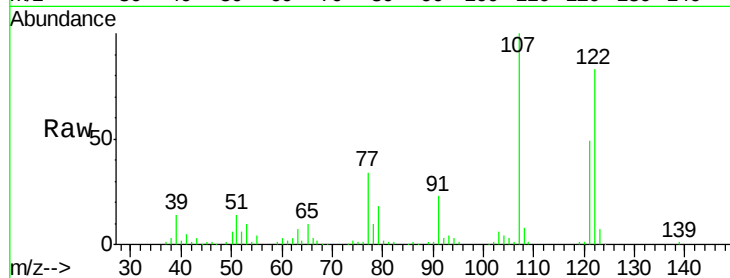
Tot Ion:122 Resp: 137060

Ion Ratio Lower Upper

122 100

107 119.9 94.0 141.0

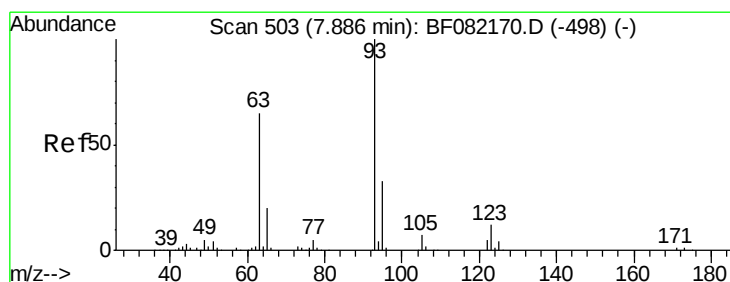
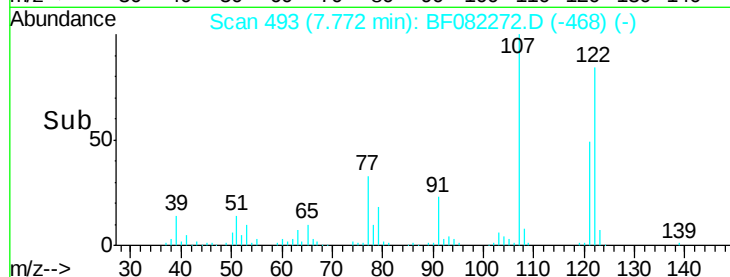
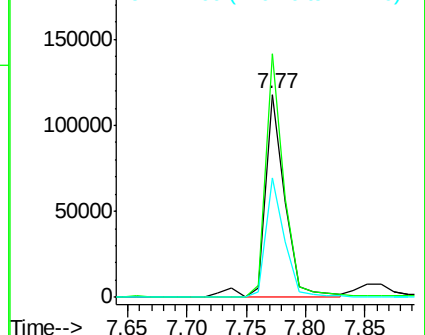
121 58.7 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.27 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

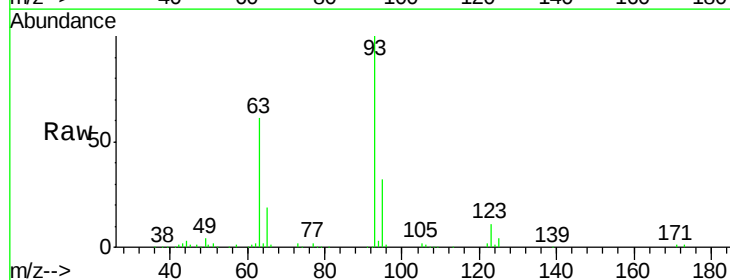
Tgt Ion: 93 Resp: 180918

Ion Ratio Lower Upper

93 100

95 32.4 26.6 39.8

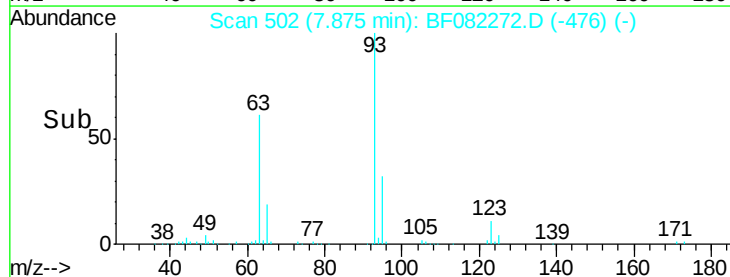
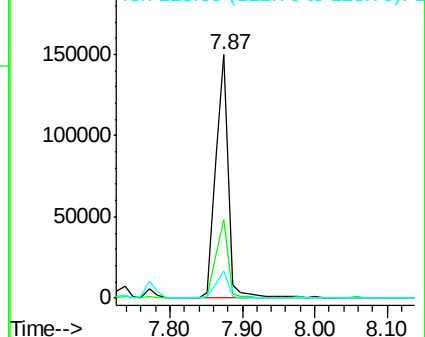
123 11.3 9.5 14.3

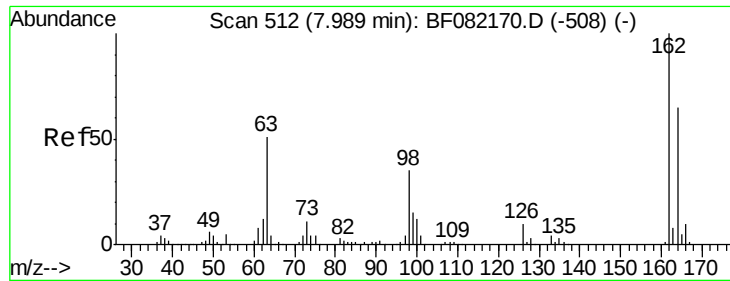


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

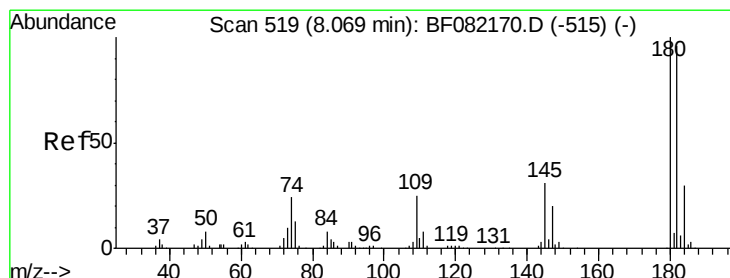
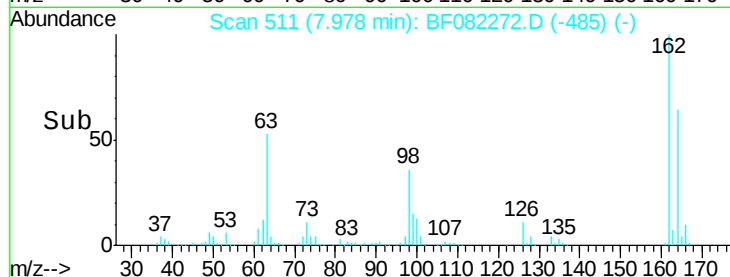
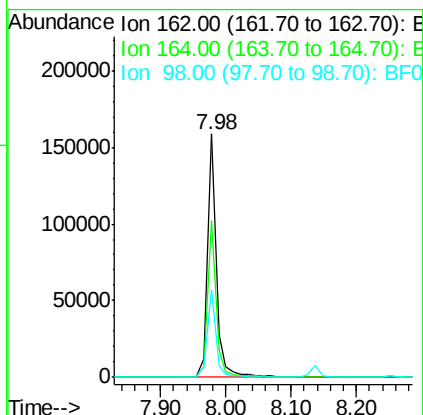
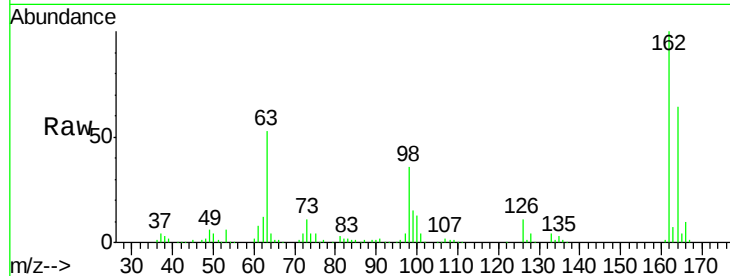




#29
 2,4-Dichlorophenol
 Concen: 38.25 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

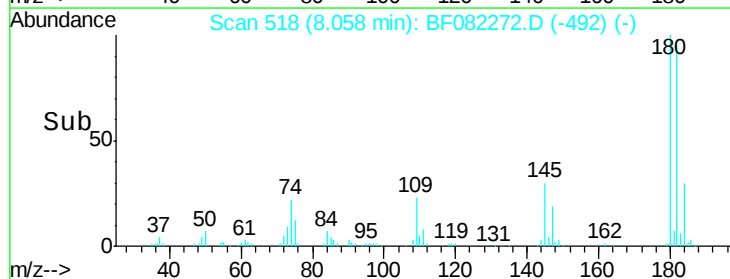
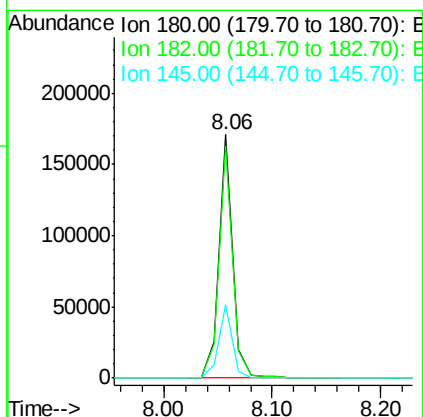
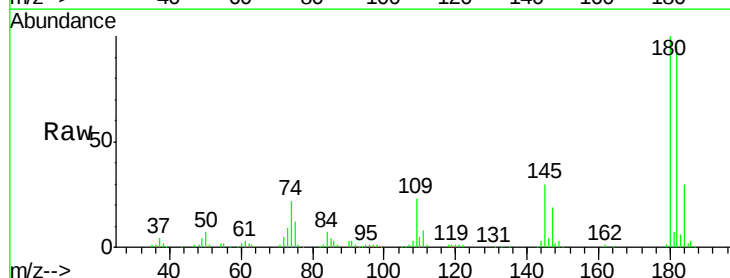
Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

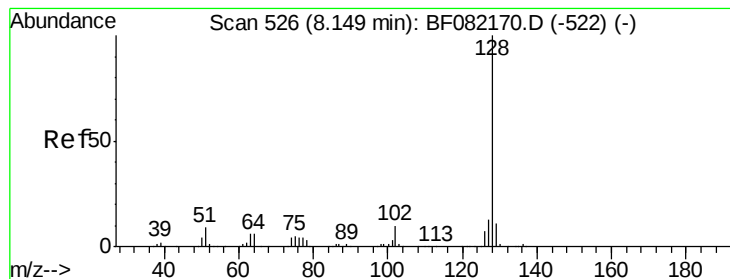
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	35.9	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 33.75 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.4
145	29.9	25.0	37.4





#31

Naphthalene

Concen: 35.91 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

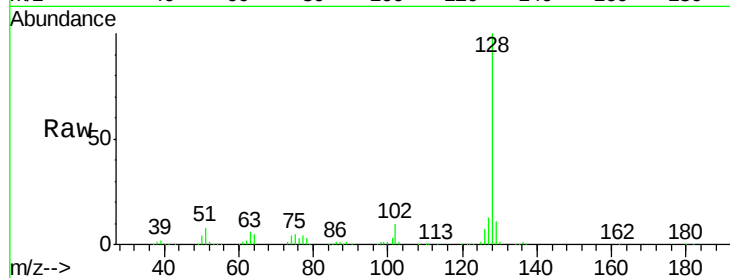
Tot Ion:128 Resp: 469879

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

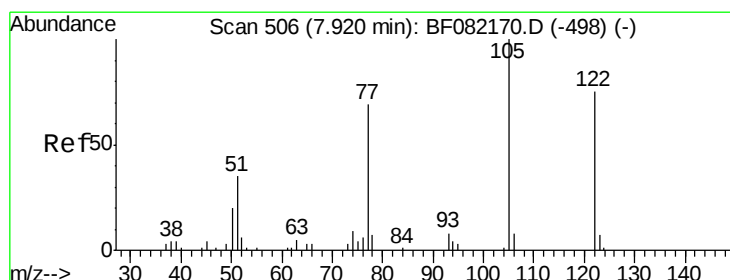
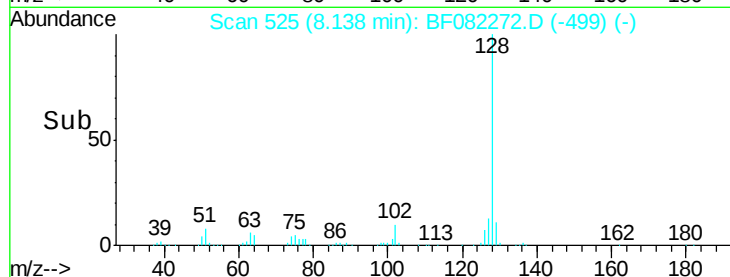
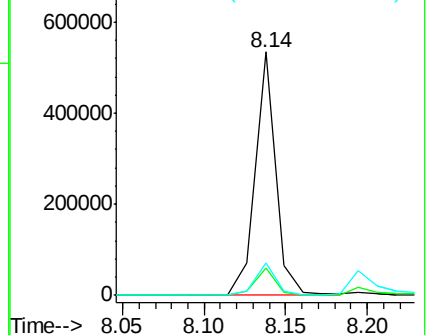
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.48 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

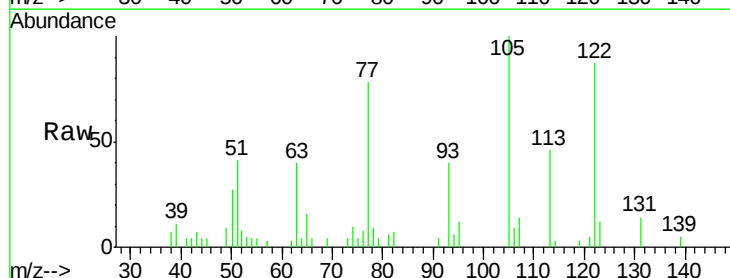
Tgt Ion:122 Resp: 19657

Ion Ratio Lower Upper

122 100

105 114.8 104.4 144.4

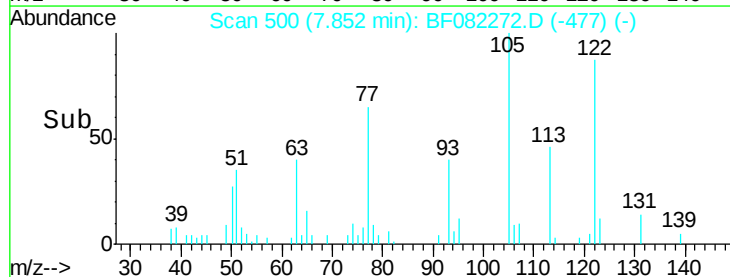
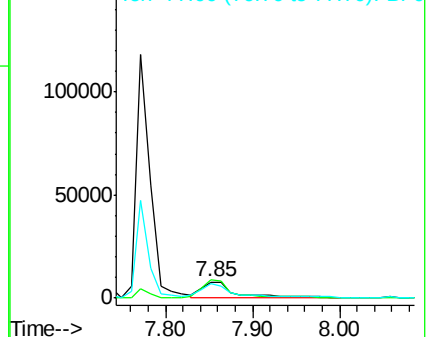
77 89.2 69.0 109.0

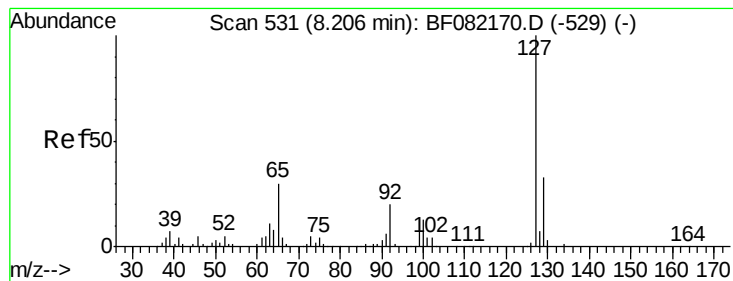


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.84 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

Tot Ion:127 Resp: 75187

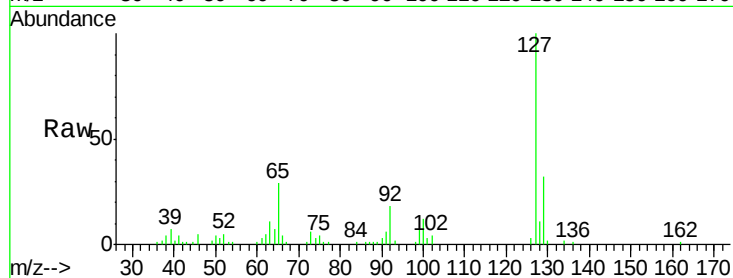
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 28.8 24.4 36.6

92 18.4 15.7 23.5

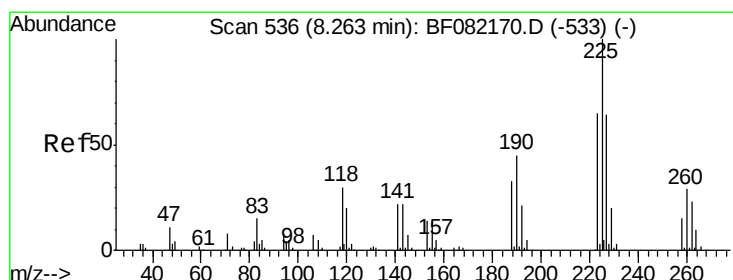
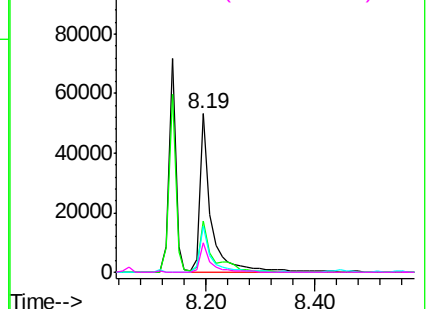
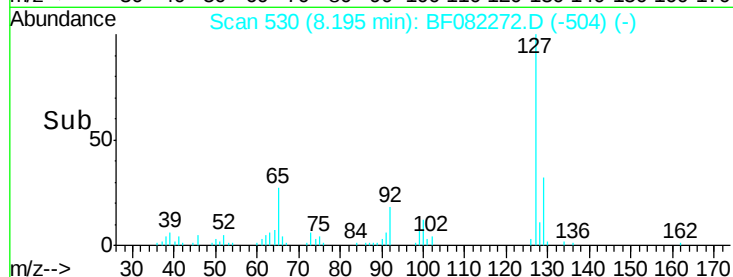


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.87 ng

RT: 8.25 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

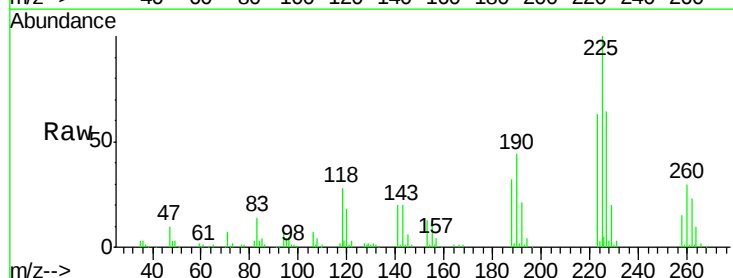
Tgt Ion:225 Resp: 92363

Ion Ratio Lower Upper

225 100

223 62.8 52.2 78.2

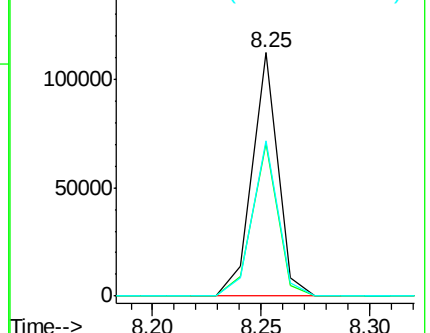
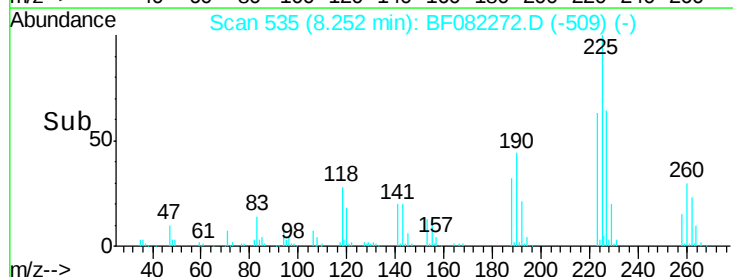
227 63.9 51.3 76.9



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

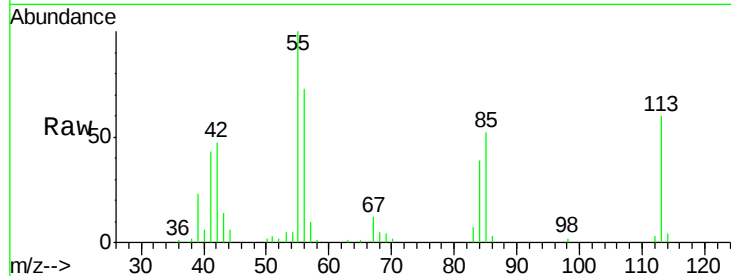




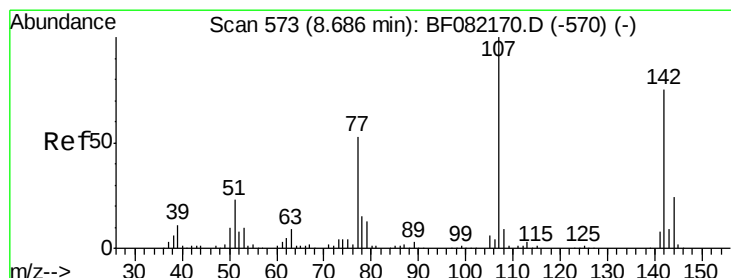
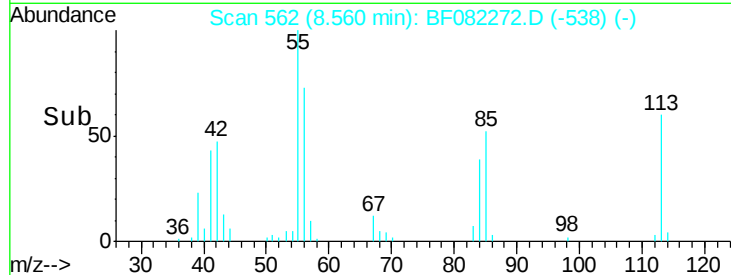
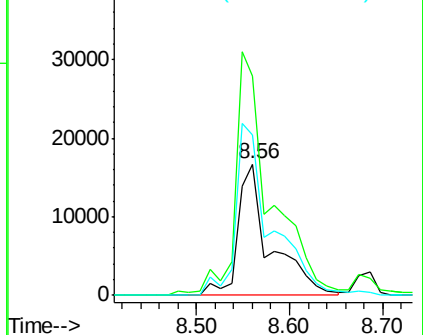
#35
 Caprolactam
 Concen: 35.55 ng
 RT: 8.56 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion:113 Resp: 40367
 Ion Ratio Lower Upper
 113 100
 55 167.5 149.7 189.7
 56 122.5 105.4 145.4

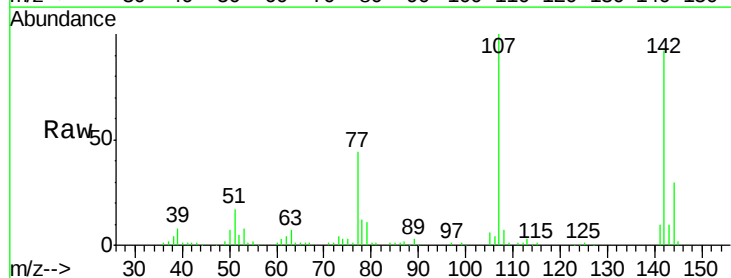


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

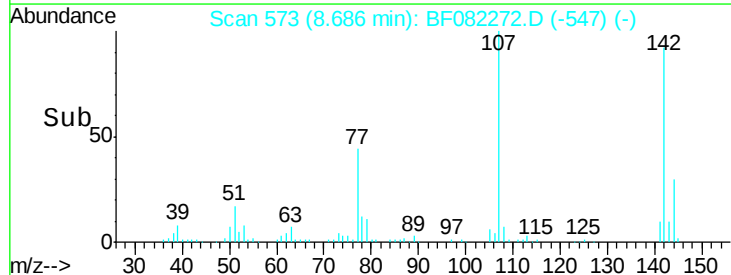
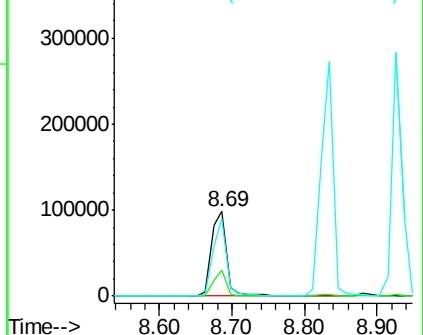


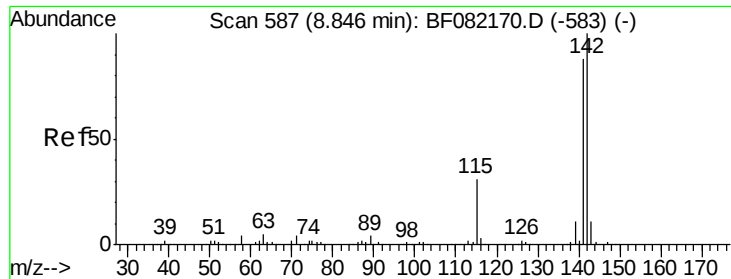
#36
 4-Chloro-3-methylphenol
 Concen: 37.50 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:107 Resp: 143500
 Ion Ratio Lower Upper
 107 100
 144 30.0 19.3 28.9#
 142 91.8 59.9 89.9#



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

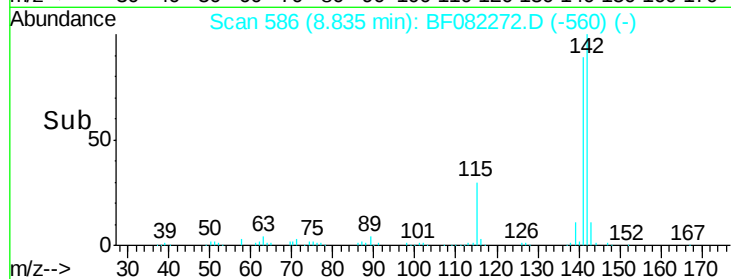
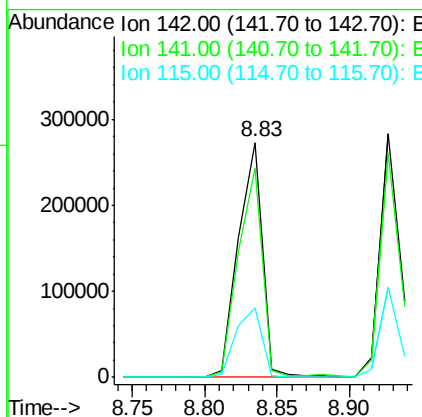
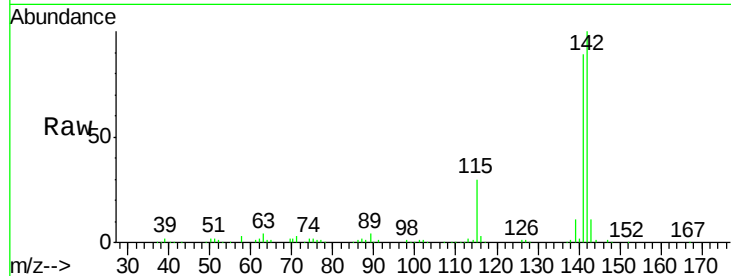




#37
 2-Methylnaphthalene
 Concen: 34.64 ng
 RT: 8.83 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

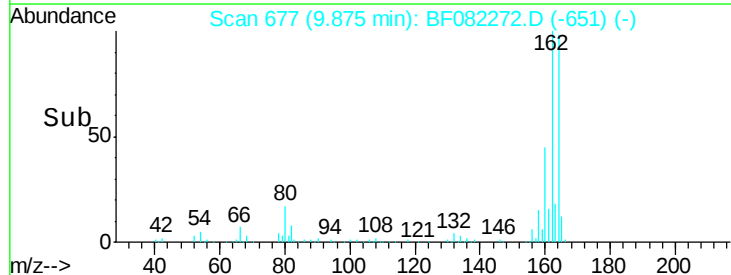
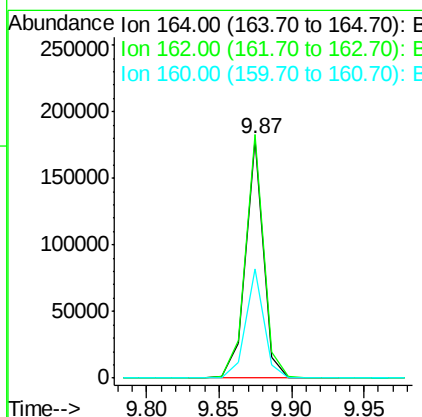
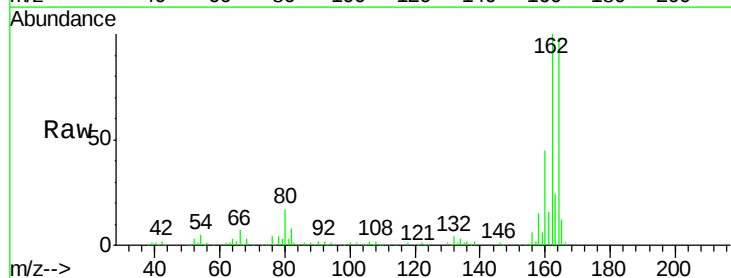
Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

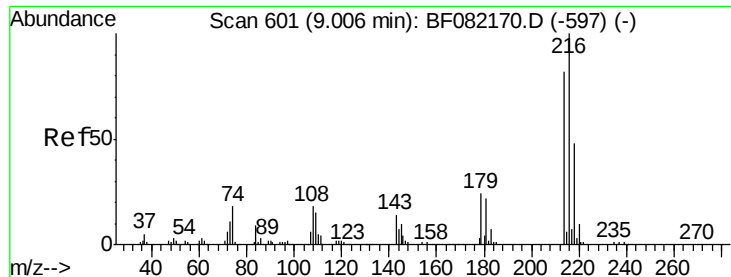
Tot Ion:142 Resp: 314201
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.4 105.6
 115 29.6 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:164 Resp: 153210
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.6 122.4
 160 45.5 36.4 54.6

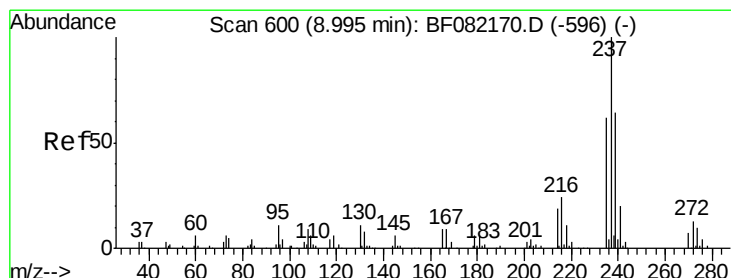
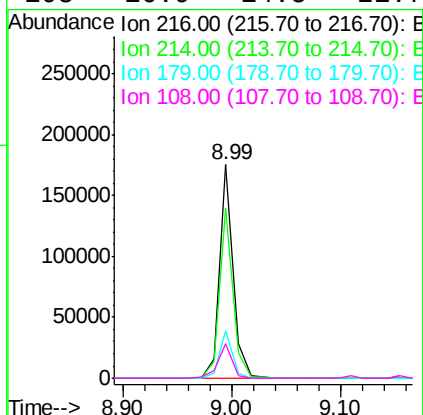
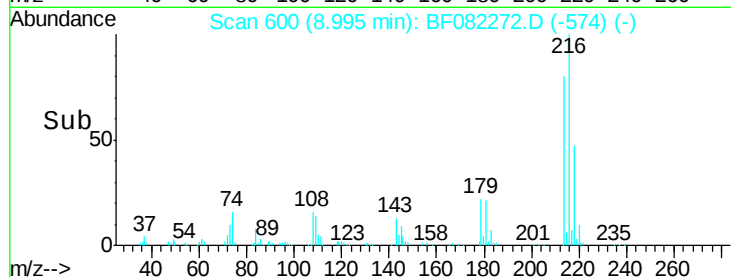
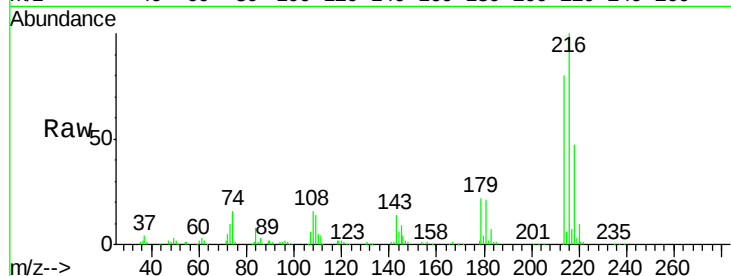




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.69 ng
 RT: 8.99 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

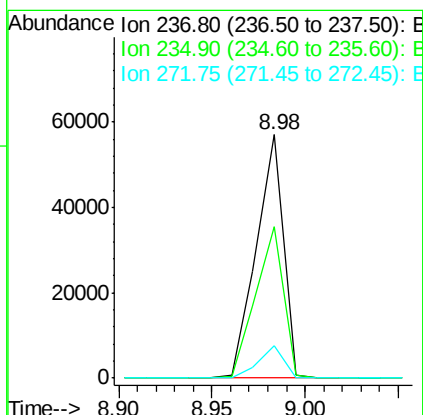
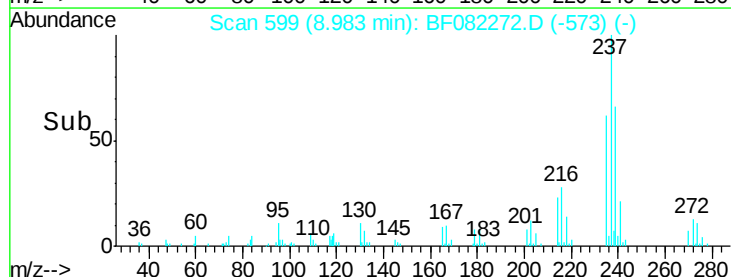
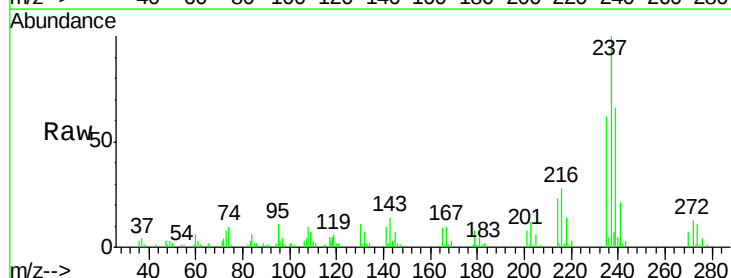
Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion:216	Resp:	153545
Ion Ratio	Lower	Upper
216	100	
214	79.2	64.6 97.0
179	21.5	17.6 26.4
108	16.9	14.5 21.7



#40
 Hexachlorocyclopentadiene
 Concen: 30.60 ng
 RT: 8.98 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:237	Resp:	57376
Ion Ratio	Lower	Upper
237	100	
235	62.3	41.7 81.7
272	13.3	0.0 32.8

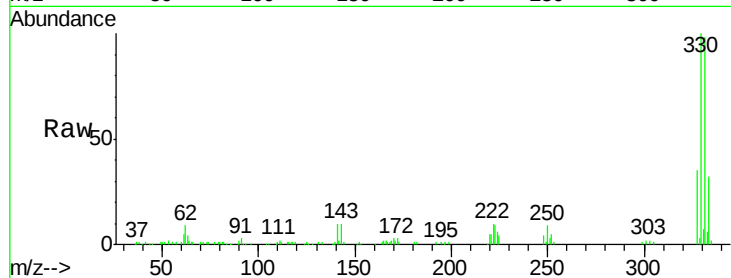




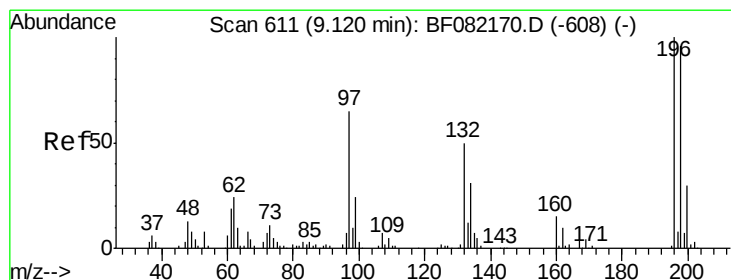
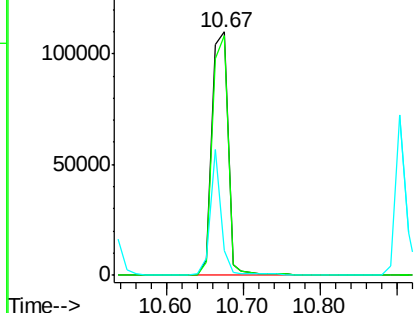
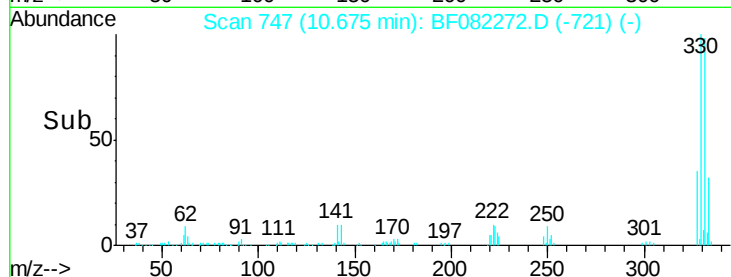
#41
 2,4,6-Tribromophenol
 Concen: 111.76 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Instrument :
 BNA_F
 ClientSampled :
 UST-3MSD

Tot Ion:330 Resp: 160583
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 34.0 29.8 44.8

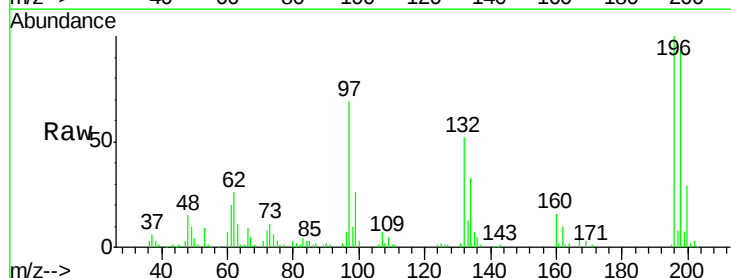


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

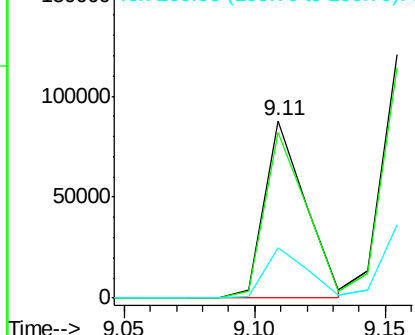
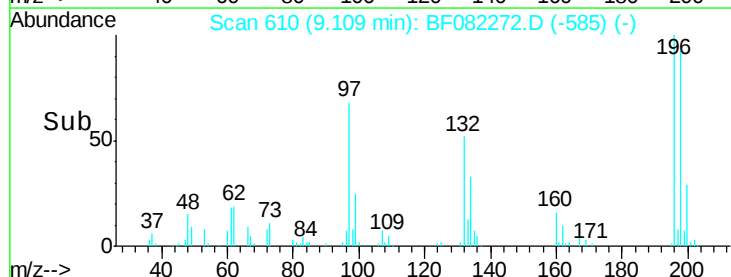


#42
 2,4,6-Trichlorophenol
 Concen: 31.84 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:196 Resp: 96365
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.6 115.0
 200 28.6 23.7 35.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

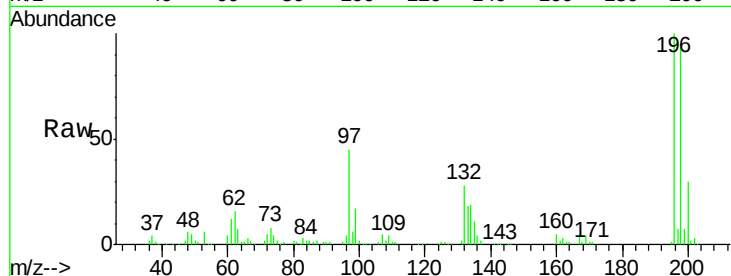




#43
 2,4,5-Trichlorophenol
 Concen: 36.18 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.0	115.4
97	45.2	31.9	47.9
132	27.5	20.3	30.5



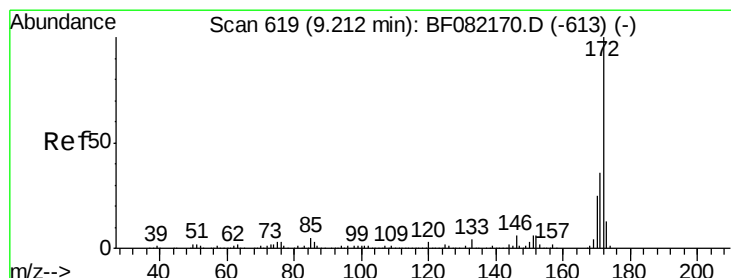
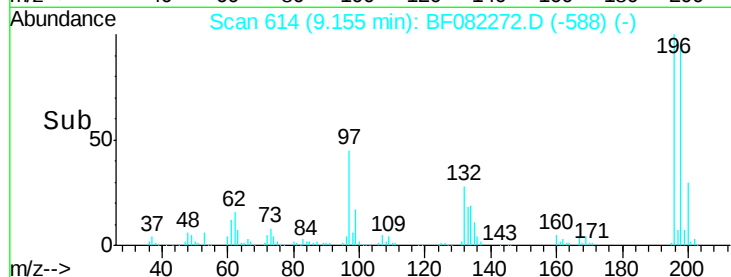
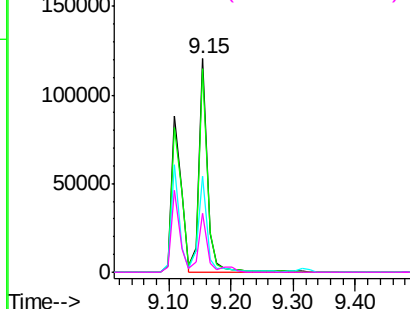
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

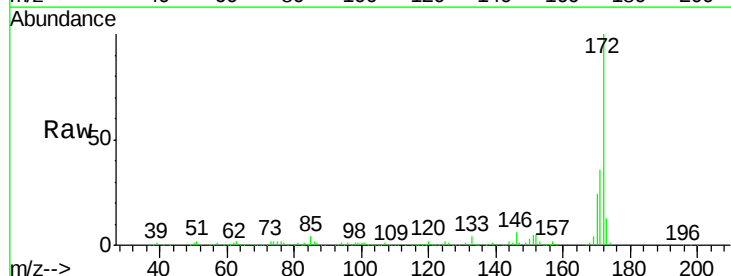
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.20 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.5	19.7	29.5

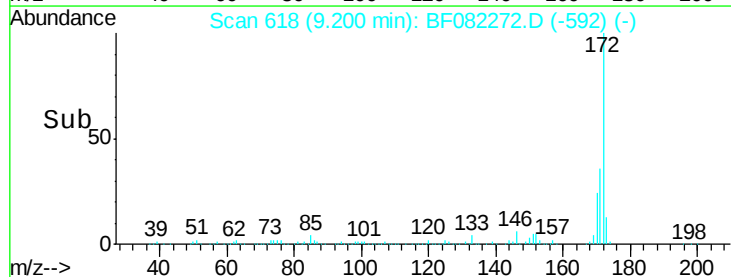
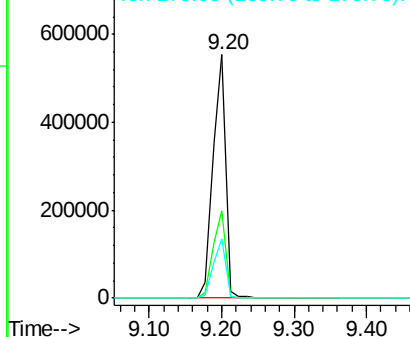


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 31.21 ng

RT: 9.29 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

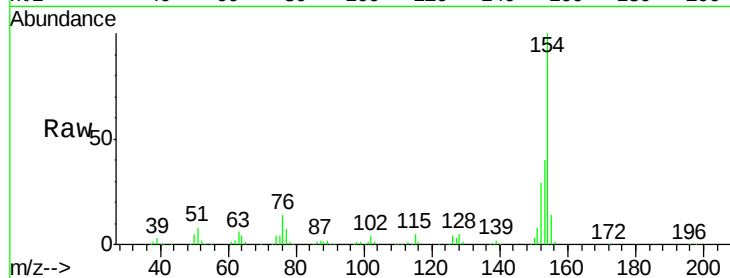
Tot Ion:154 Resp: 364667

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

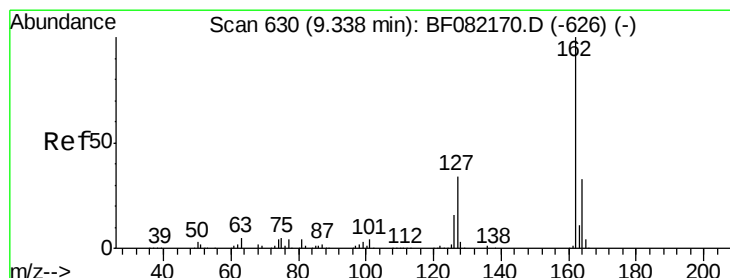
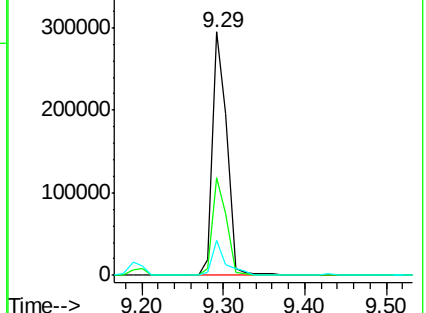
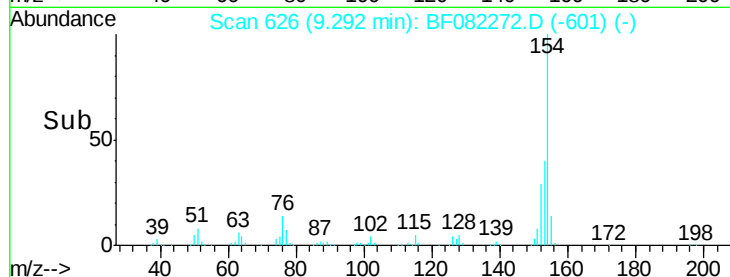
76 14.4 0.0 35.2



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: 32.89 ng

RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

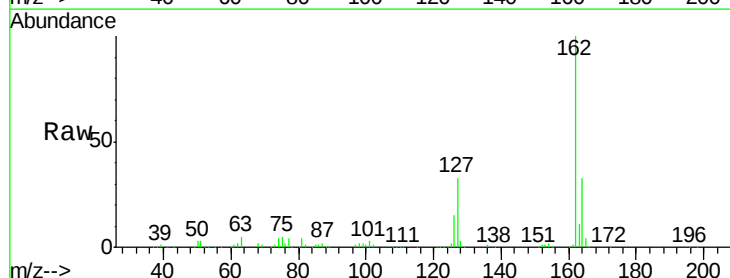
Tgt Ion:162 Resp: 302450

Ion Ratio Lower Upper

162 100

127 32.8 27.5 41.3

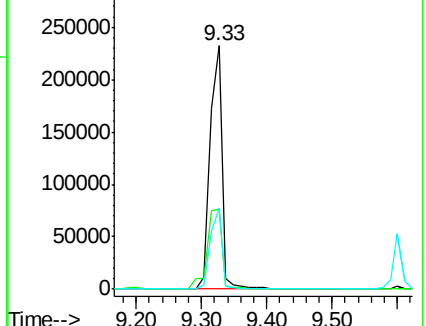
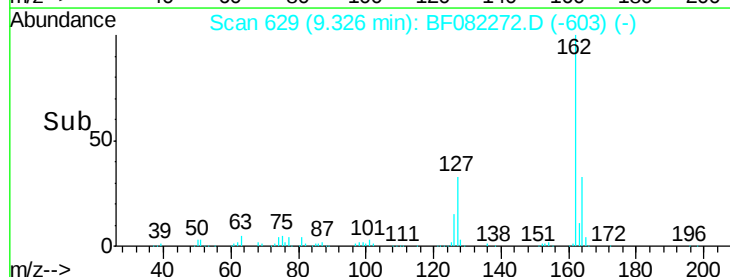
164 33.3 26.6 39.8

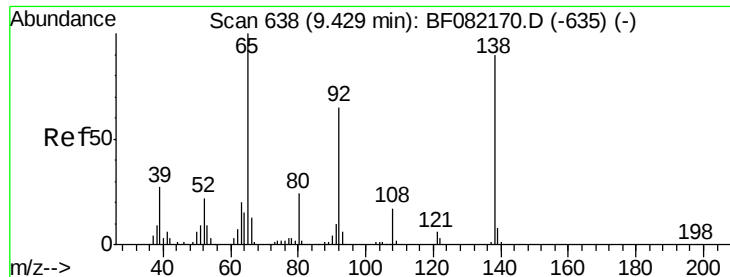


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

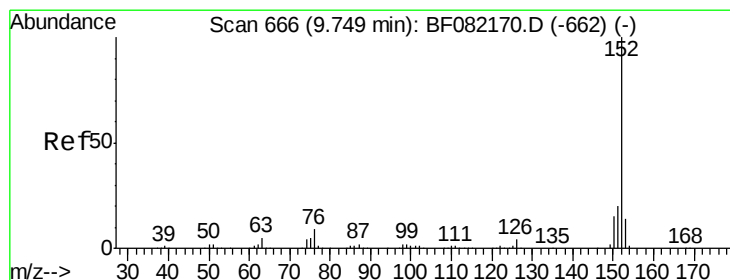
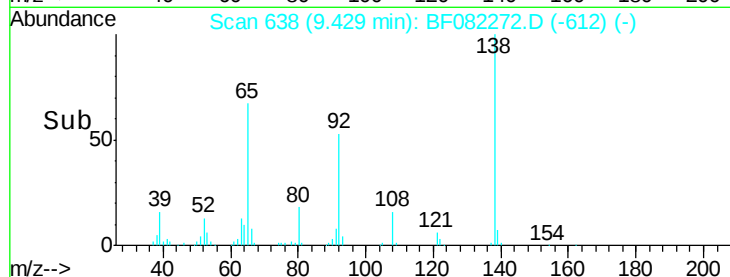
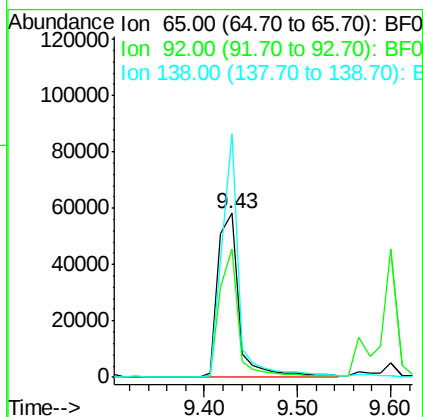
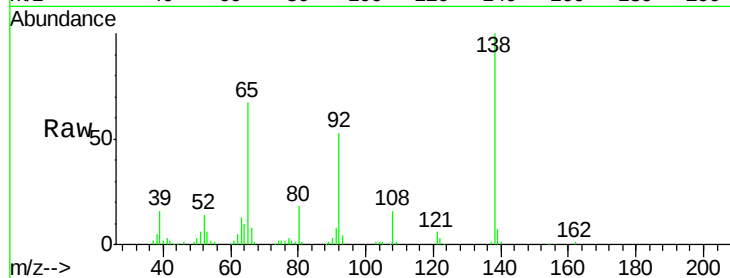




#47
2-Nitroaniline
Concen: 36.57 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

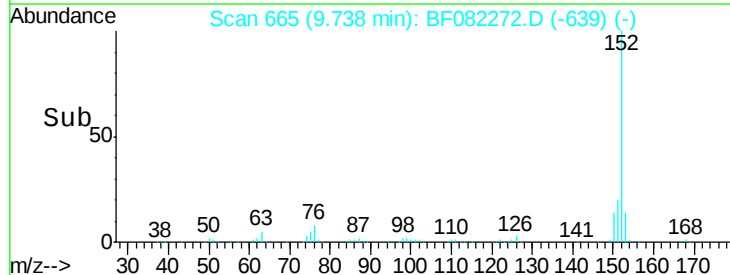
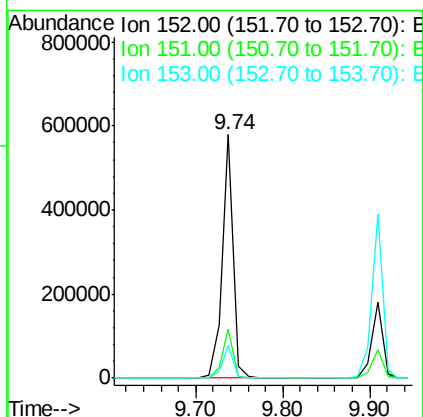
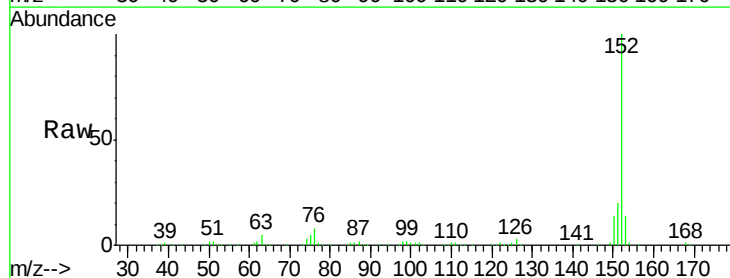
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

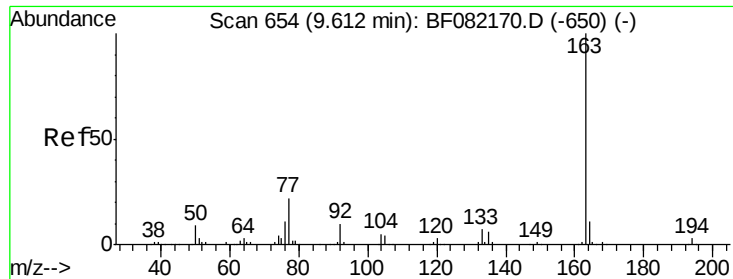
Tot Ion: 65 Resp: 92349
Ion Ratio Lower Upper
65 100
92 78.6 52.3 78.5#
138 148.4 72.2 108.4#



#48
Acenaphthylene
Concen: 35.97 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion: 152 Resp: 515344
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 42.81 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

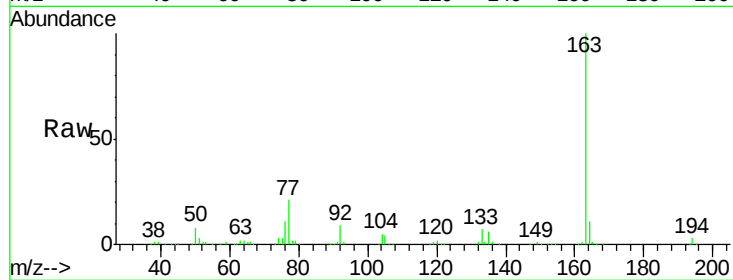
Tot Ion:163 Resp: 461845

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

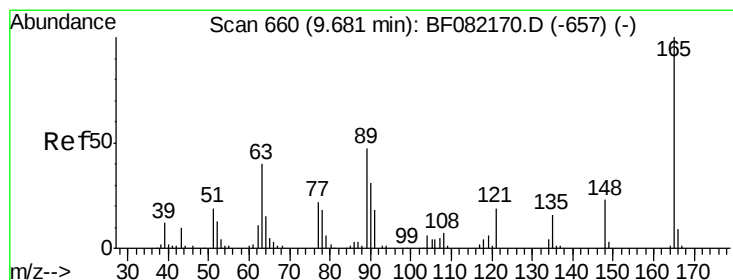
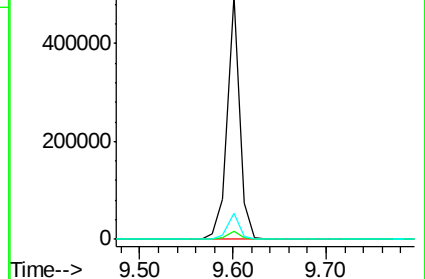
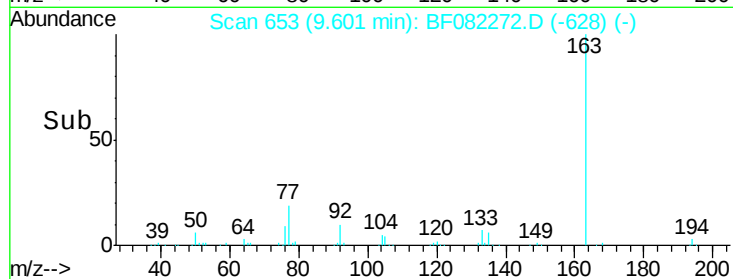
164 10.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.61 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

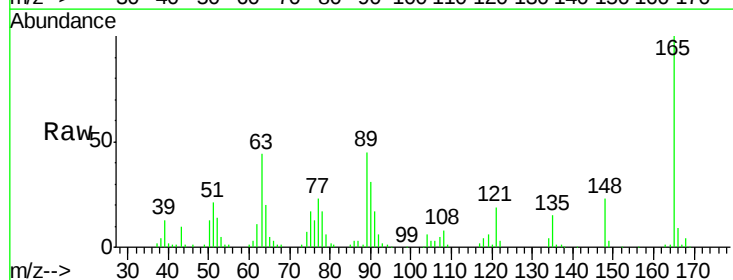
Tgt Ion:165 Resp: 83344

Ion Ratio Lower Upper

165 100

63 43.9 36.7 55.1

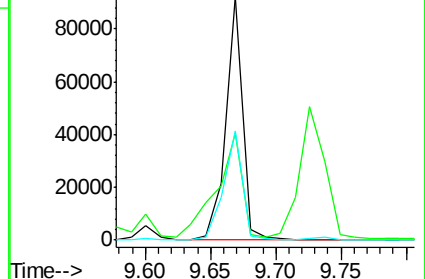
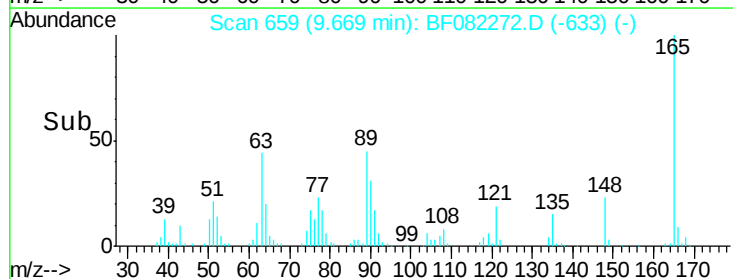
89 44.8 37.8 56.6

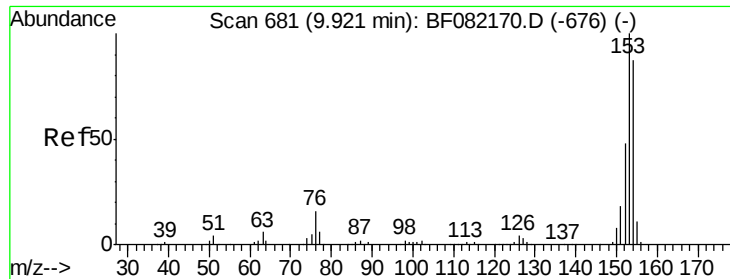


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.60 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

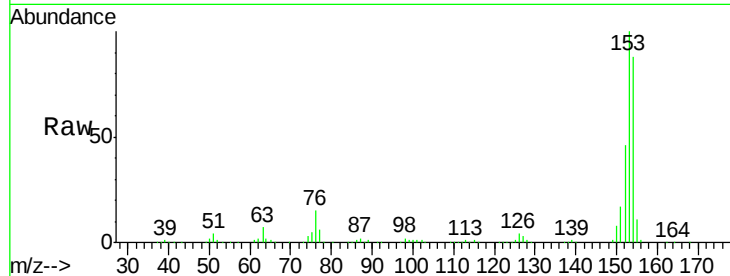
Tot Ion:154 Resp: 306187

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

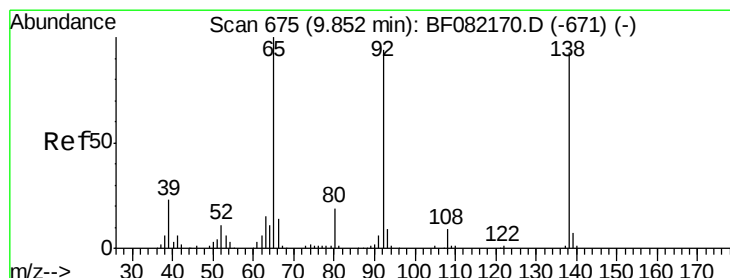
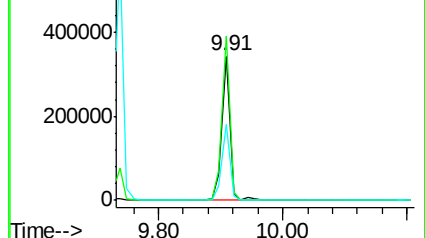
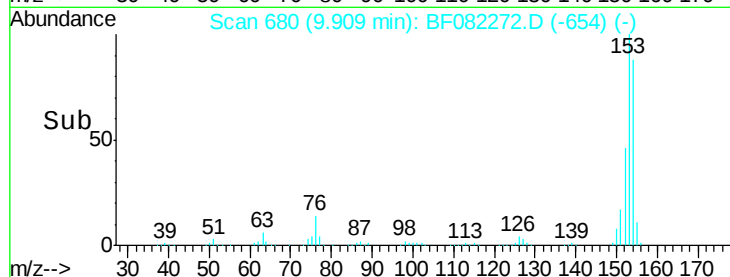
152 52.5 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.20 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

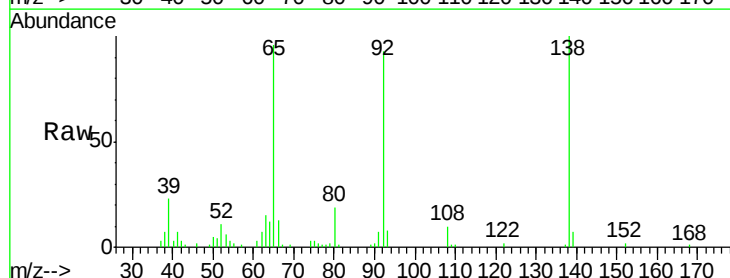
Tgt Ion:138 Resp: 59655

Ion Ratio Lower Upper

138 100

108 9.6 7.4 11.0

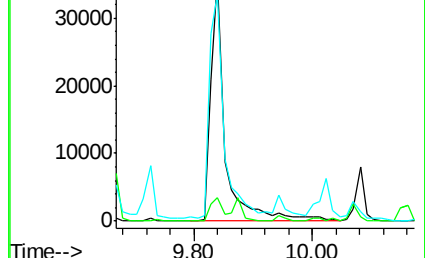
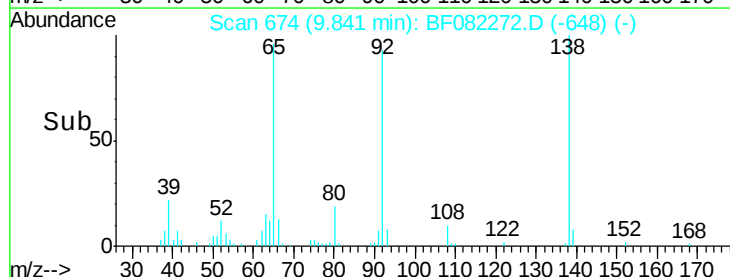
92 93.2 81.3 121.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

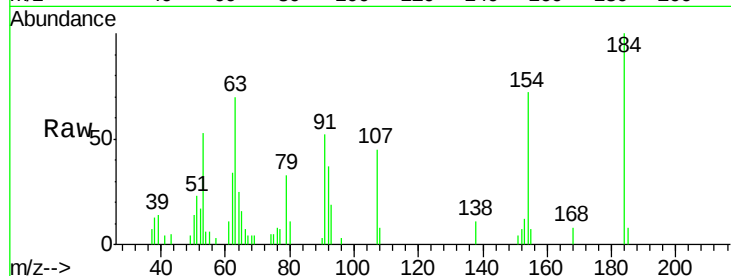




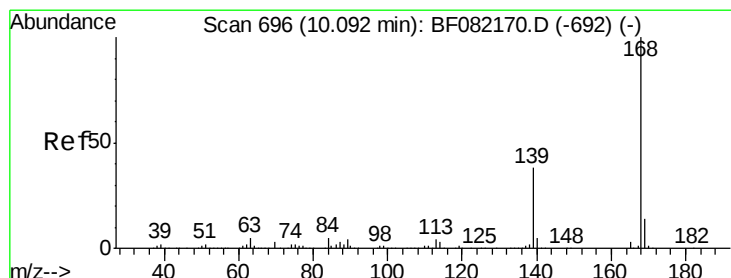
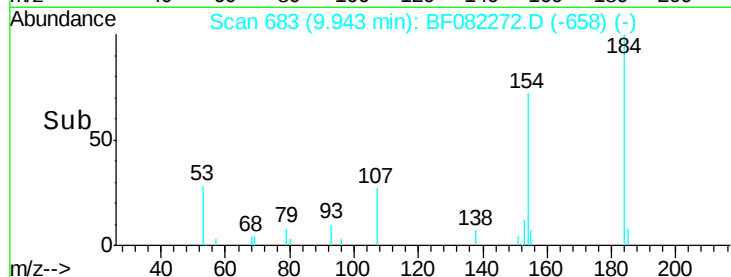
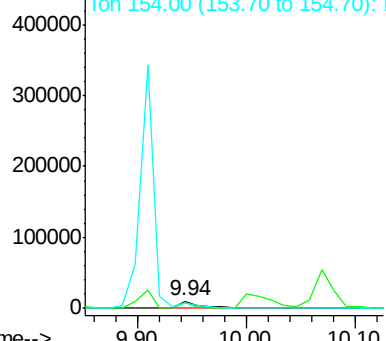
#53
2,4-Dinitrophenol
Concen: 18.13 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Instrument :
BNA_F
ClientSampleId :
UST-3MSD

Tot Ion:184 Resp: 16227
Ion Ratio Lower Upper
184 100
63 69.8 45.1 67.7#
154 72.4 51.2 76.8

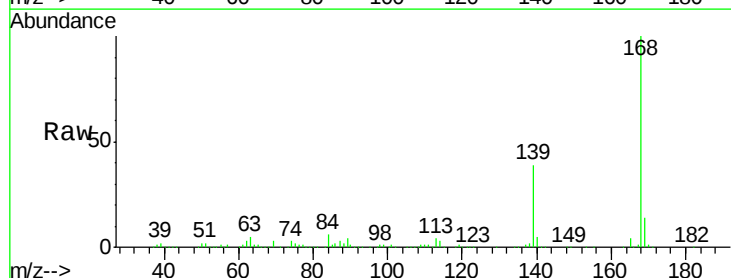


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

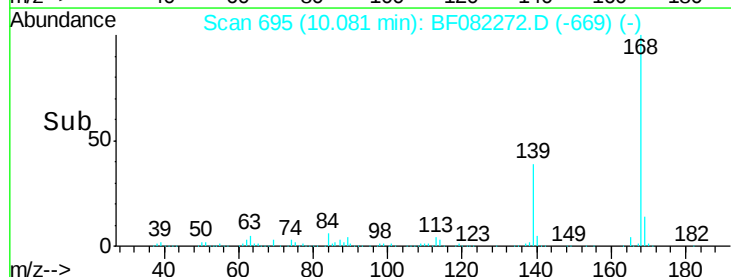
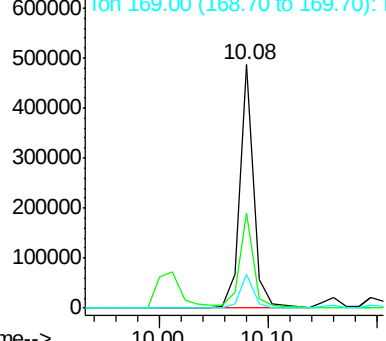


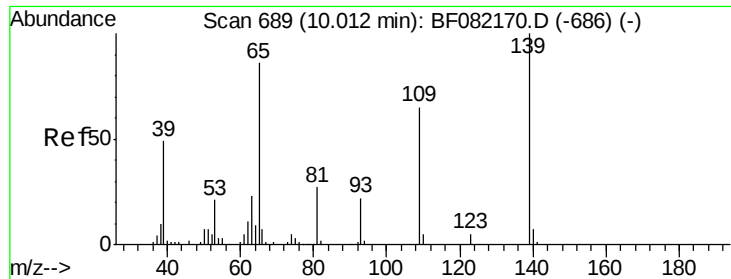
#54
Dibenzofuran
Concen: 36.73 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion:168 Resp: 433672
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.6
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

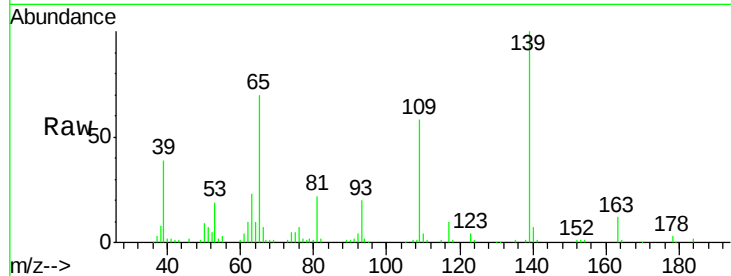




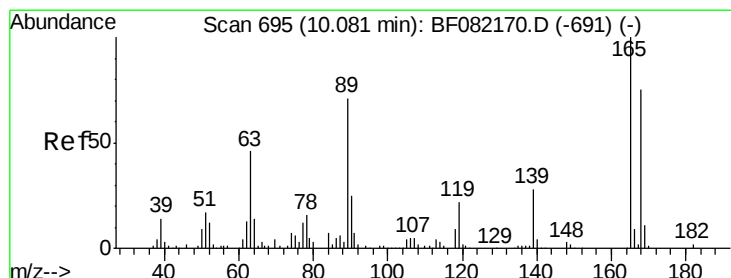
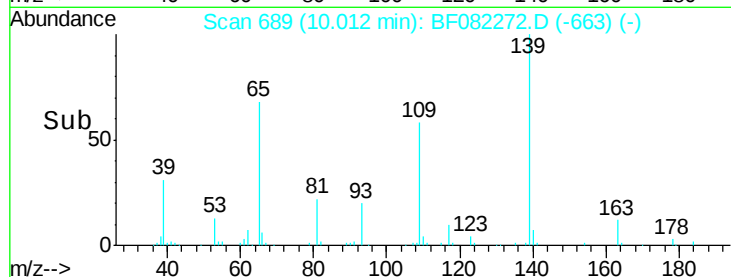
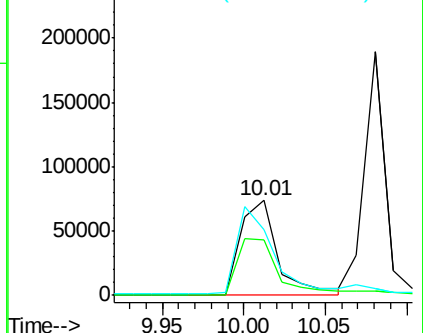
#55
4-Nitrophenol
Concen: 69.66 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Instrument :
BNA_F
ClientSampleId :
UST-3MSD

Tot Ion:139 Resp: 117340
Ion Ratio Lower Upper
139 100
109 57.9 44.8 84.8
65 69.7 67.7 107.7

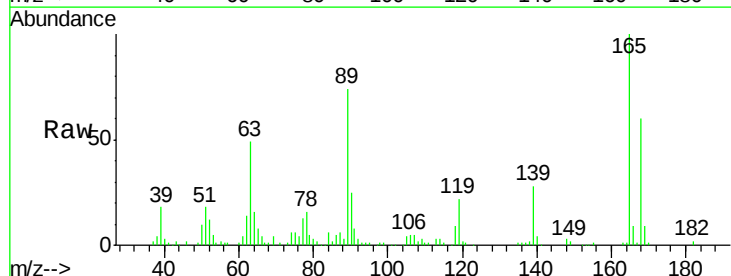


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

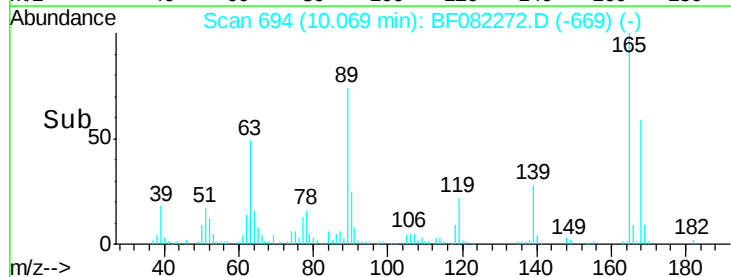
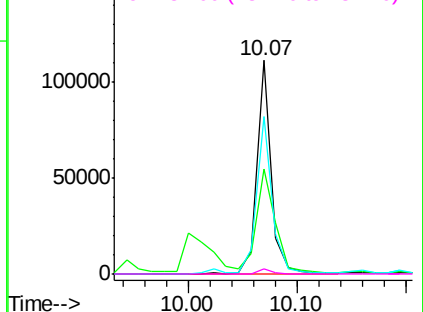


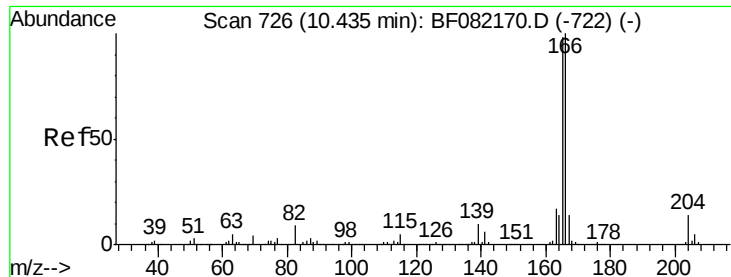
#56
2,4-Dinitrotoluene
Concen: 36.32 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion:165 Resp: 103345
Ion Ratio Lower Upper
165 100
63 49.2 38.6 58.0
89 74.0 57.0 85.6
182 2.4 1.8 2.6



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

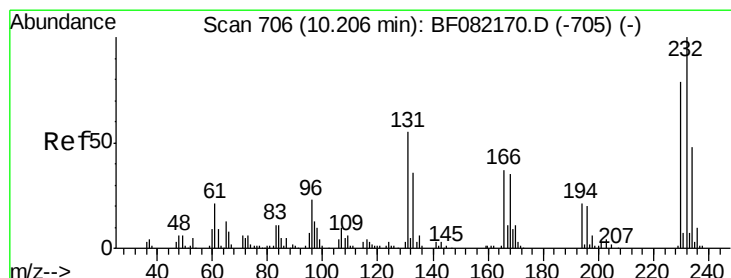
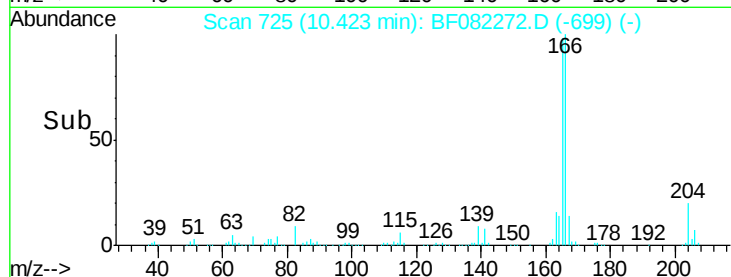
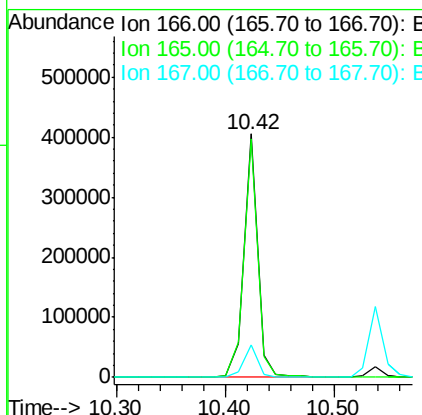
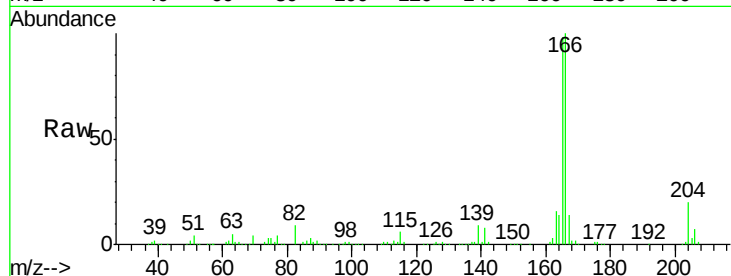




#57
 Fluorene
 Concen: 36.36 ng
 RT: 10.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

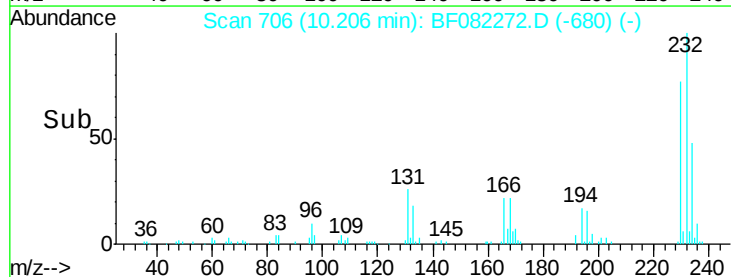
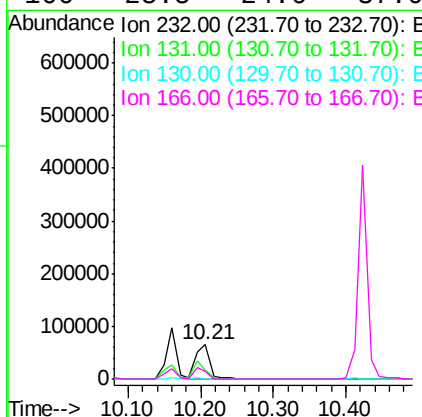
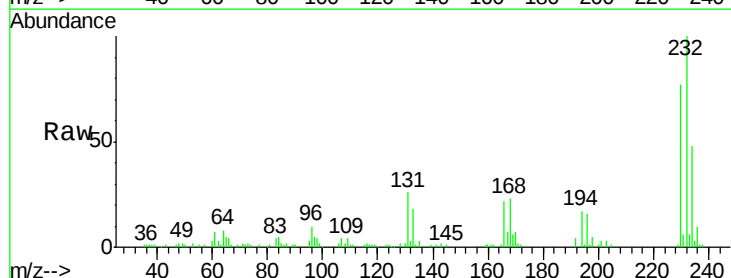
Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

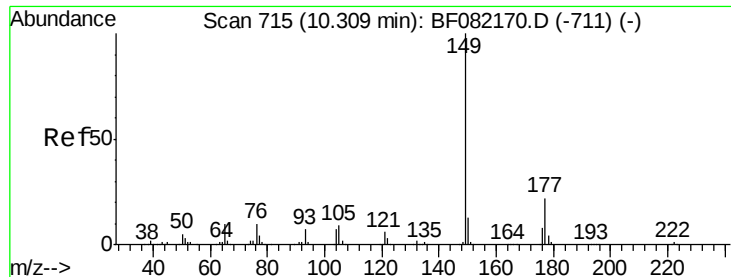
Tot Ion:166 Resp: 352638
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.3 117.5
 167 13.6 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.92 ng
 RT: 10.21 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:232 Resp: 90881
 Ion Ratio Lower Upper
 232 100
 131 39.7 36.6 54.8
 130 2.1 1.5 2.3
 166 28.5 24.6 37.0

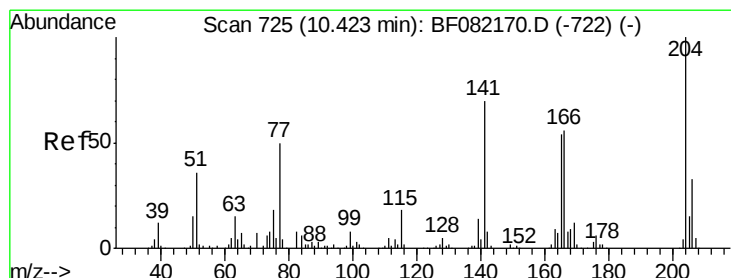
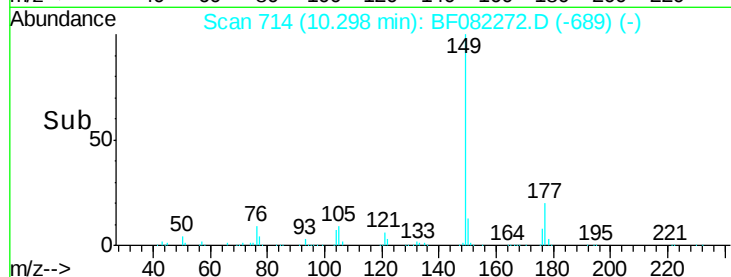
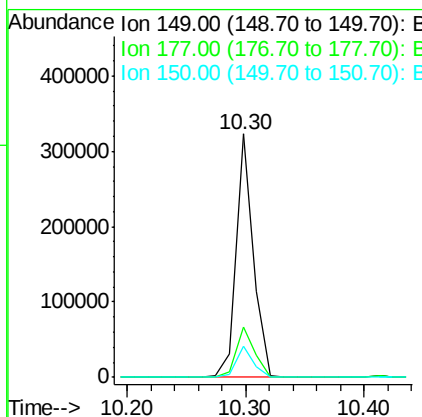
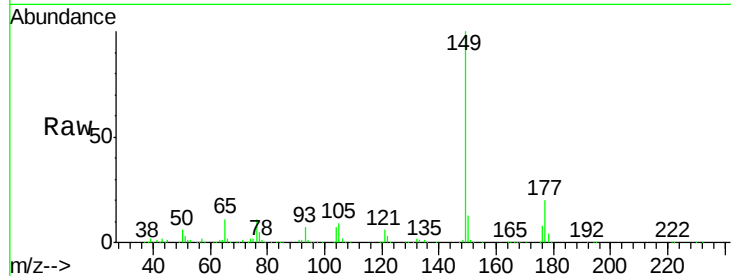




#59
Diethylphthalate
Concen: 32.34 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

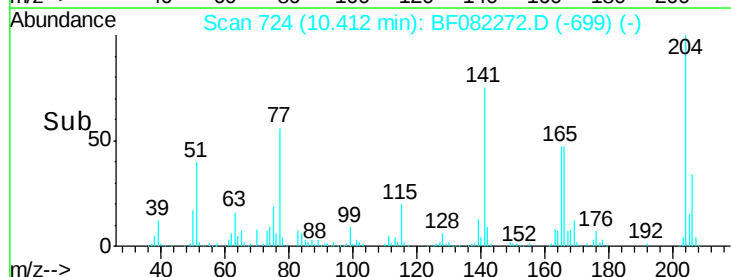
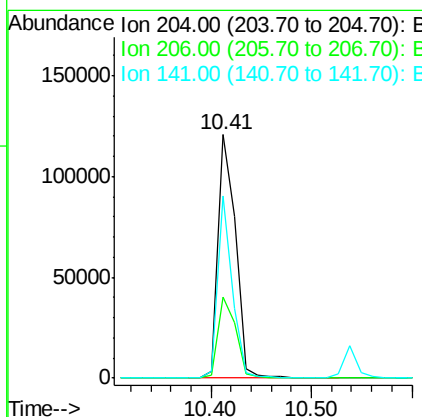
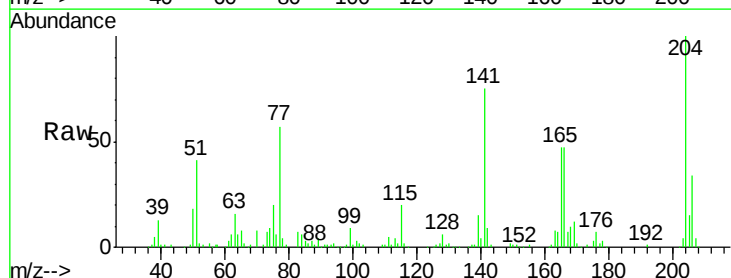
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

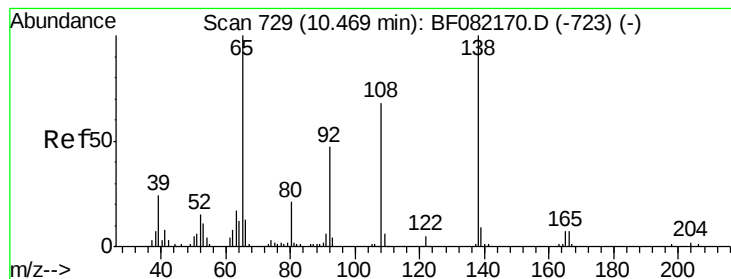
Tot Ion:149 Resp: 325264
Ion Ratio Lower Upper
149 100
177 20.4 17.6 26.4
150 12.7 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 32.96 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion:204 Resp: 146449
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 74.6 56.1 84.1





#61

4-Nitroaniline

Concen: 32.23 ng

RT: 10.46 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

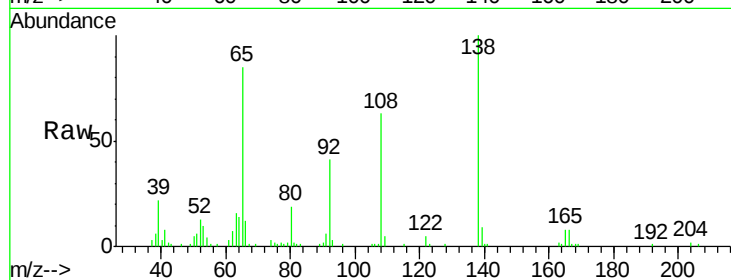
Tot Ion:138 Resp: 80390

Ion Ratio Lower Upper

138 100

92 41.4 26.8 66.8

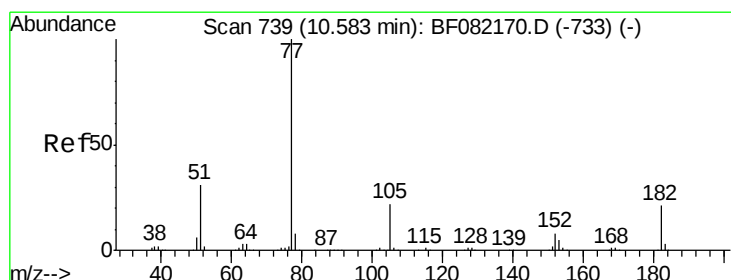
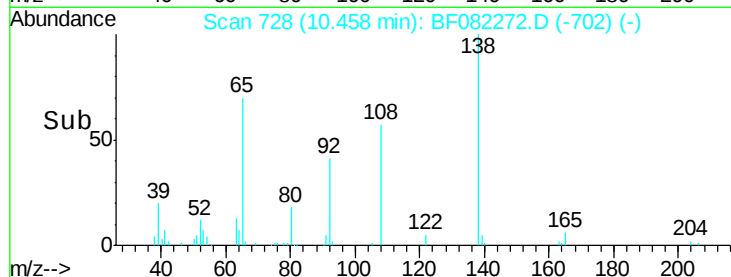
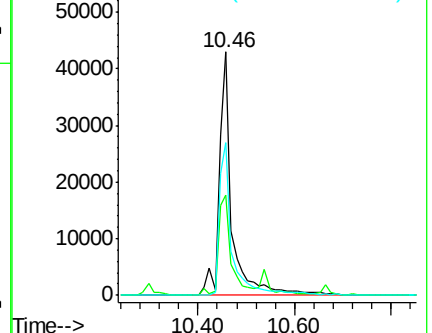
108 62.6 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.75 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Tgt Ion: 77 Resp: 332203

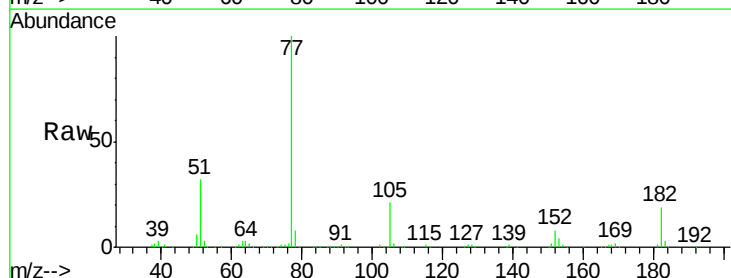
Ion Ratio Lower Upper

77 100

182 18.6 0.5 40.5

105 21.0 1.8 41.8

51 31.5 11.2 51.2

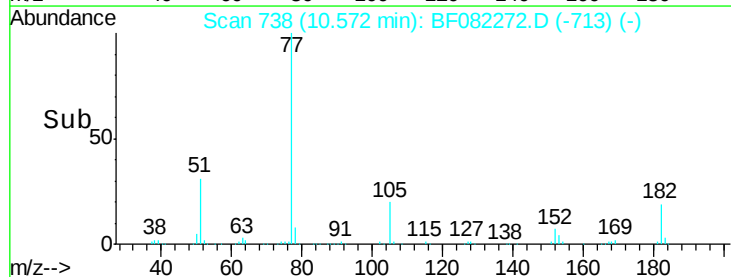
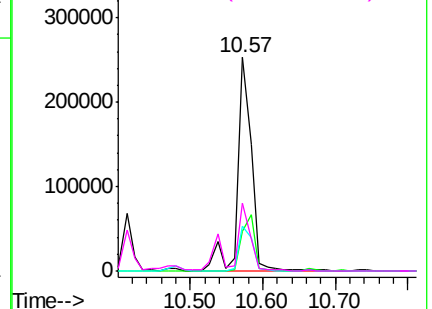


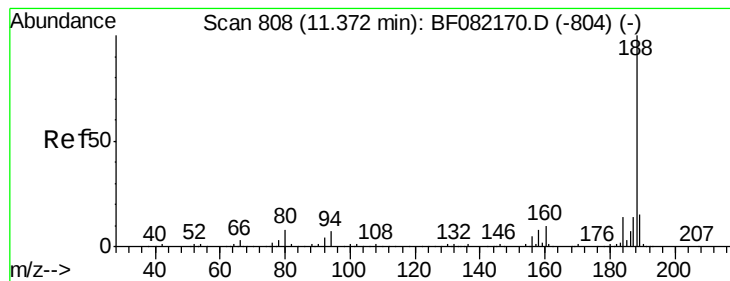
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

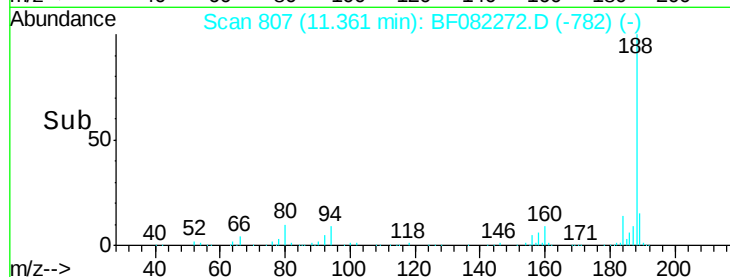
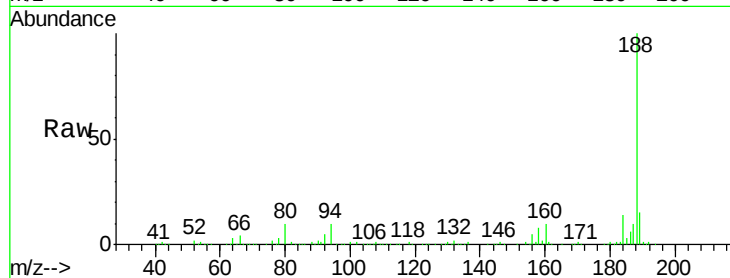
Tot Ion:188 Resp: 276486

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.6#

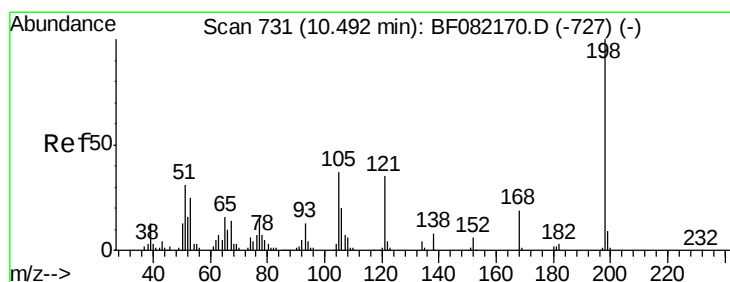
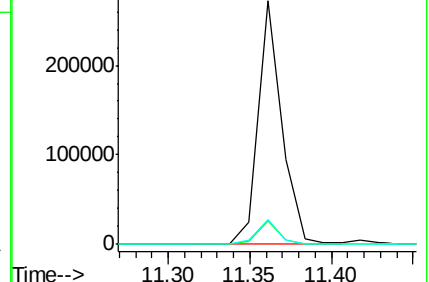
80 10.0 6.4 9.6#



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: 11.74 ng

RT: 10.48 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

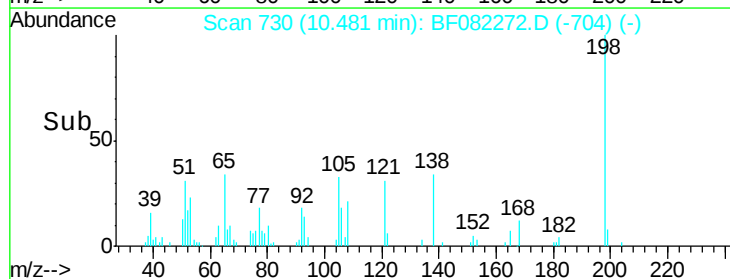
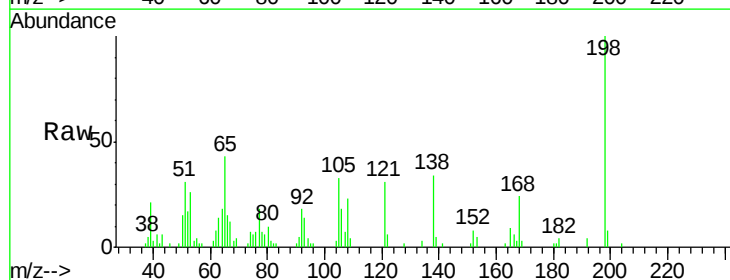
Tgt Ion:198 Resp: 18220

Ion Ratio Lower Upper

198 100

51 31.1 13.6 53.6

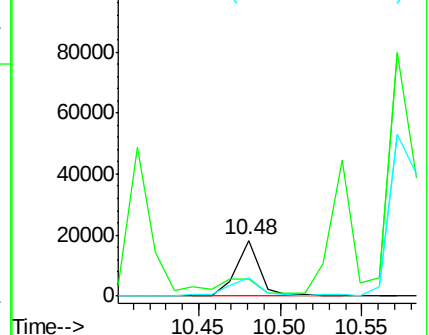
105 33.2 17.1 57.1

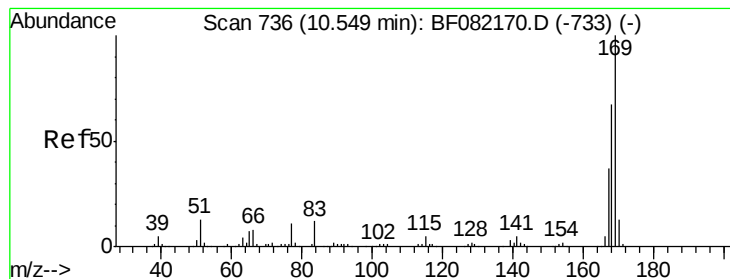


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.11 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

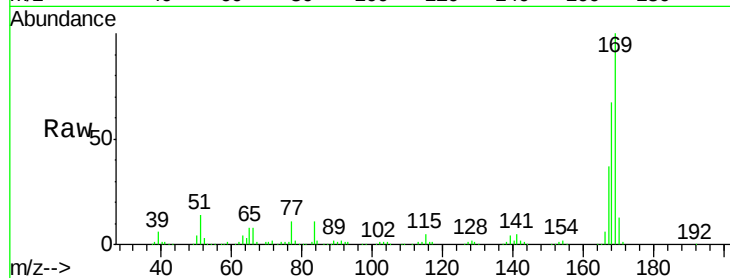
Tot Ion:169 Resp: 298958

Ion Ratio Lower Upper

169 100

168 67.5 54.0 81.0

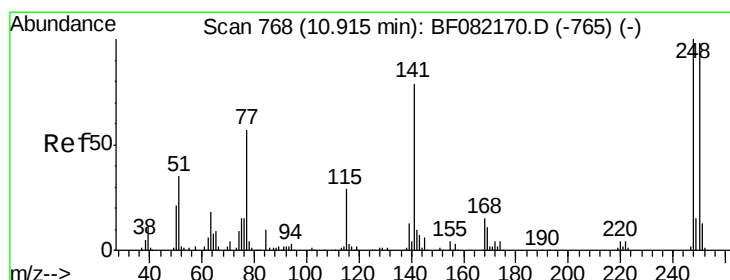
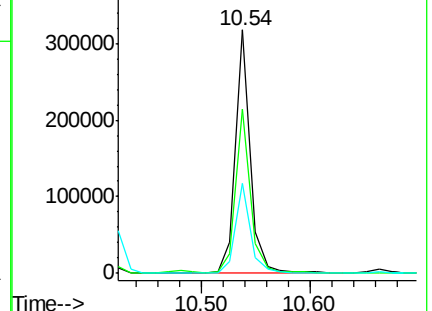
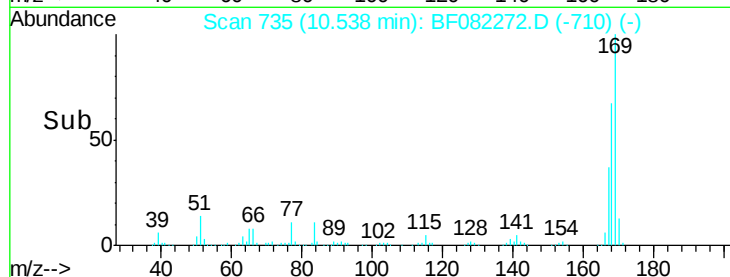
167 37.2 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.53 ng

RT: 10.90 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

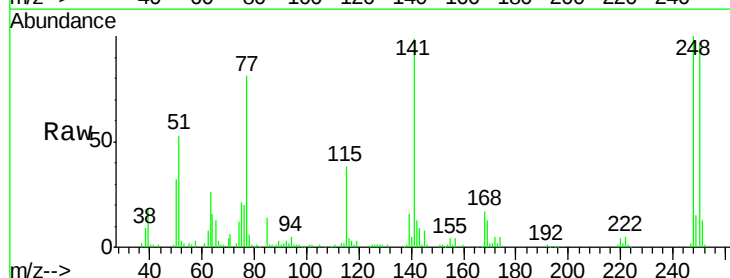
Tgt Ion:248 Resp: 90004

Ion Ratio Lower Upper

248 100

250 97.3 78.6 117.8

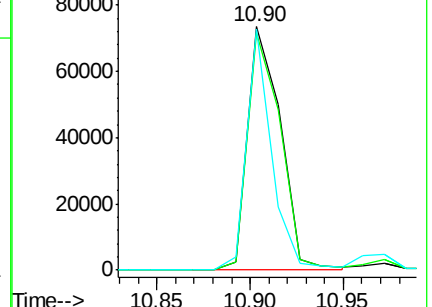
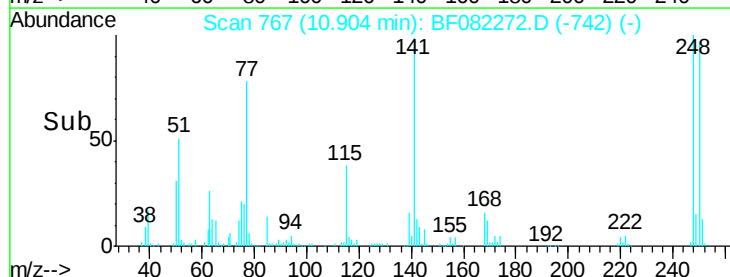
141 98.8 63.3 94.9#

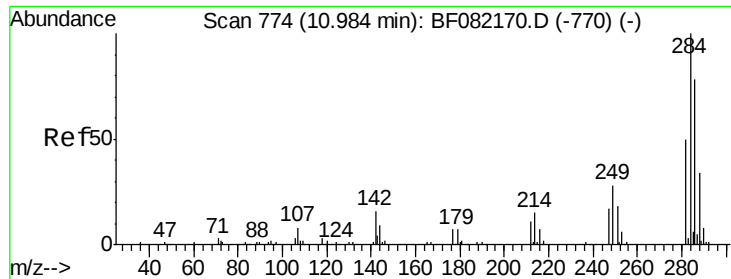


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

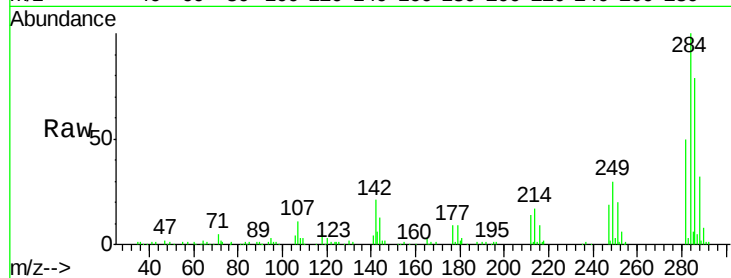




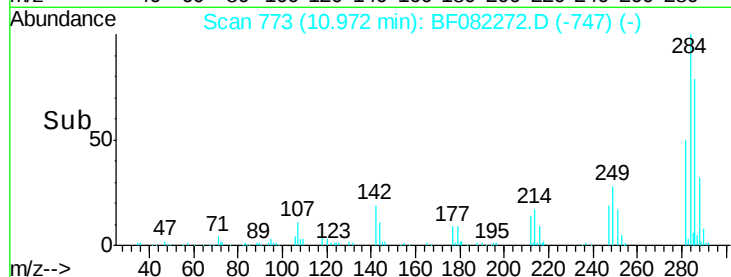
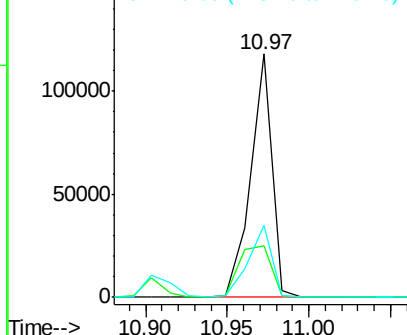
#67
Hexachlorobenzene
Concen: 35.96 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Instrument :
BNA_F
ClientSampleId :
UST-3MSD

Tot Ion:284 Resp: 107627
Ion Ratio Lower Upper
284 100
142 21.0 13.0 19.6#
249 29.7 22.5 33.7

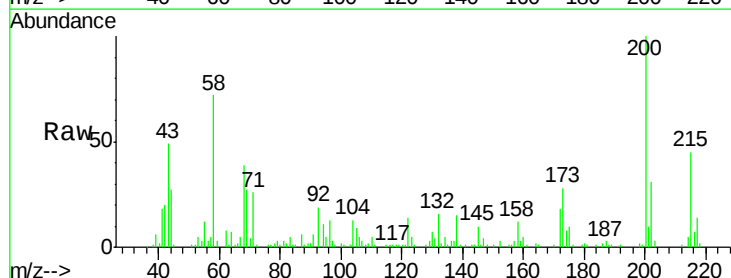


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

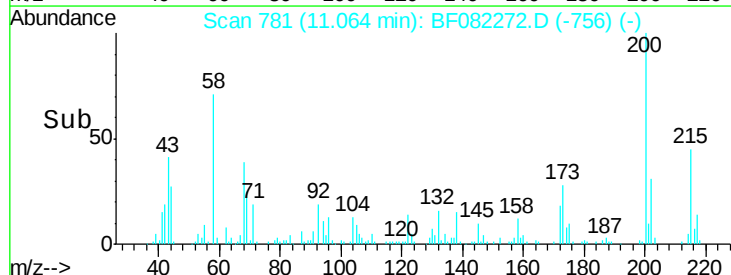
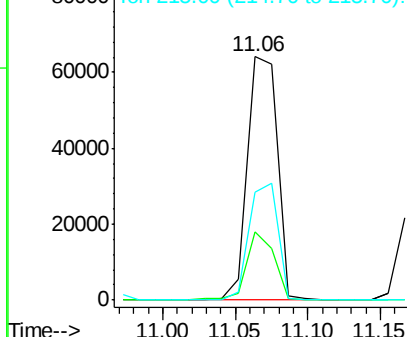


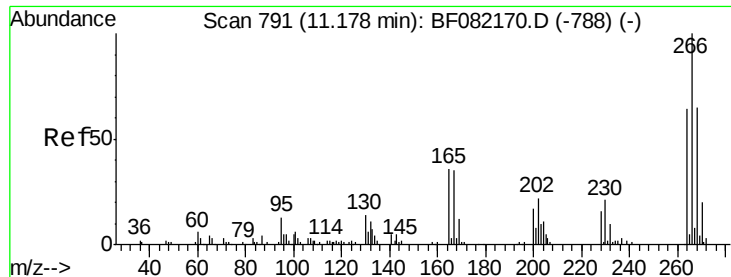
#68
Atrazine
Concen: 34.98 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion:200 Resp: 91736
Ion Ratio Lower Upper
200 100
173 27.8 7.3 47.3
215 44.5 26.2 66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

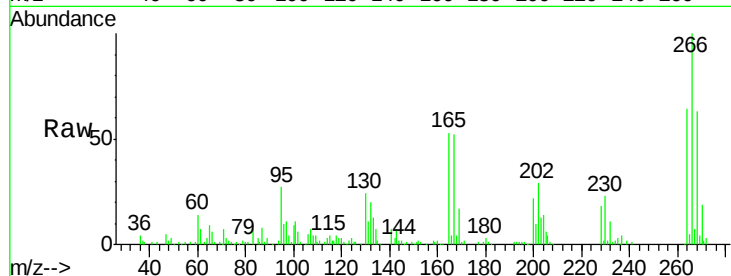




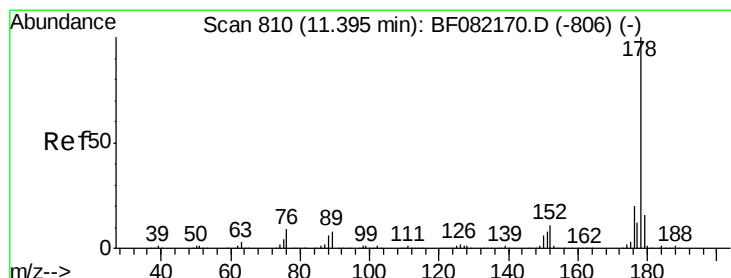
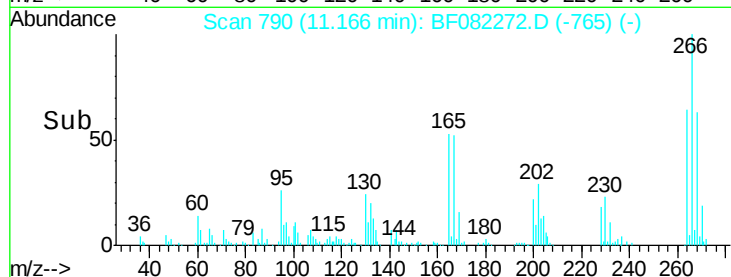
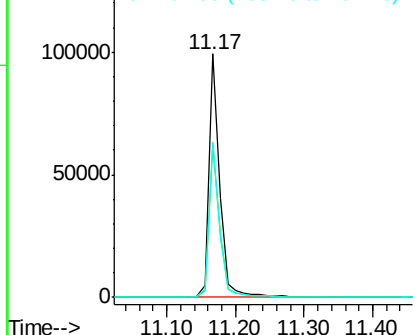
#69
 Pentachlorophenol
 Concen: 71.84 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion:266 Resp: 110623
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.0 78.0
 264 63.6 51.4 77.0

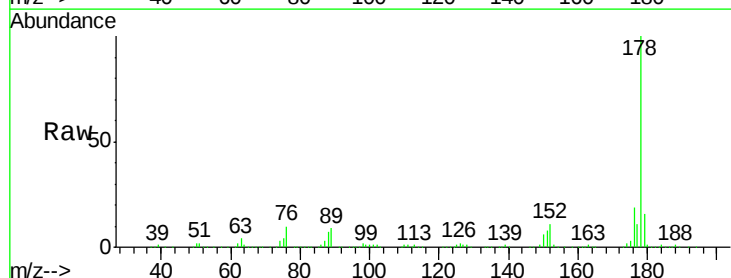


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

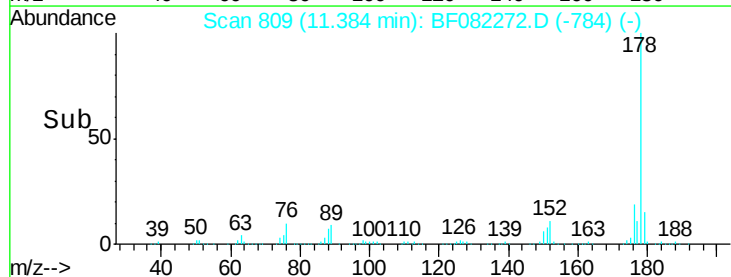
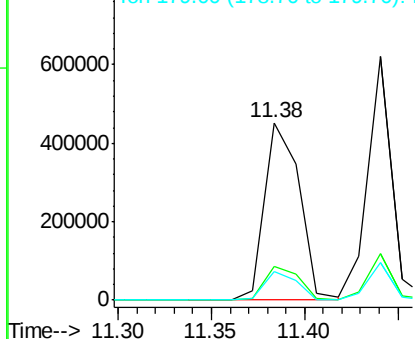


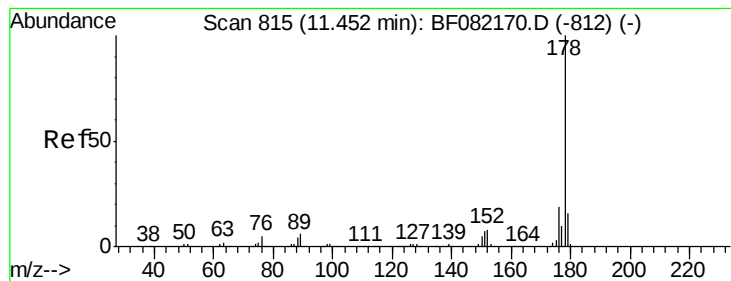
#70
 Phenanthrene
 Concen: 43.00 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:178 Resp: 582691
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.8 12.6 19.0



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





#71

Anthracene

Concen: 40.80 ng

RT: 11.44 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

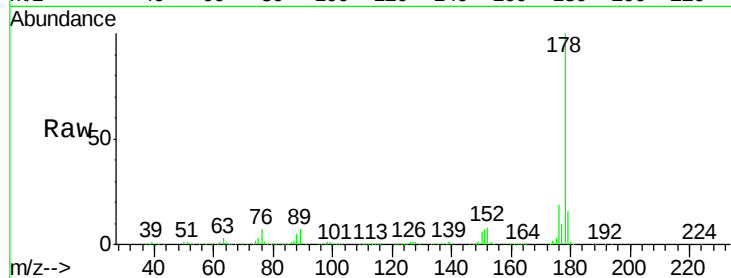
Tot Ion:178 Resp: 569756

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

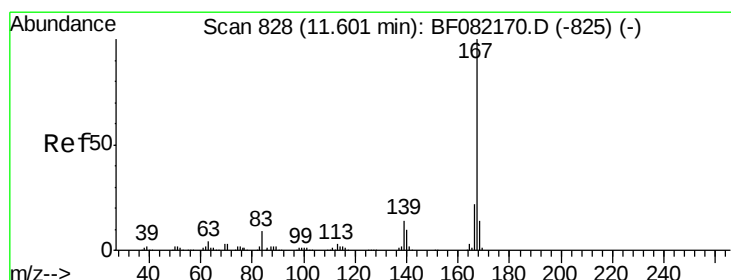
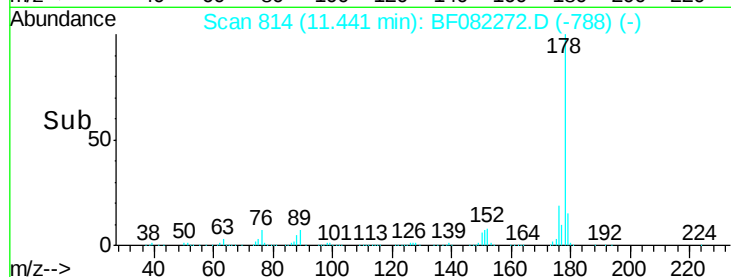
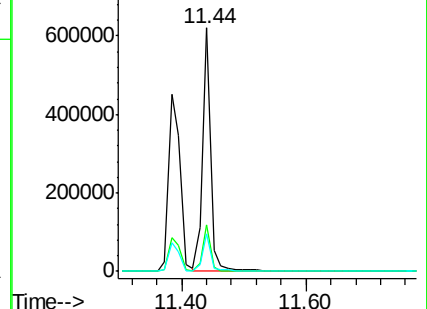
179 15.6 12.5 18.7



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: 38.18 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

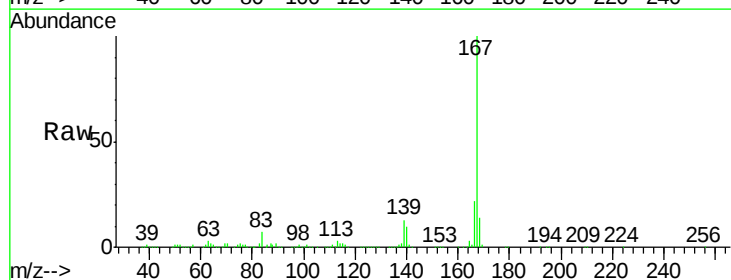
Tgt Ion:167 Resp: 486458

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

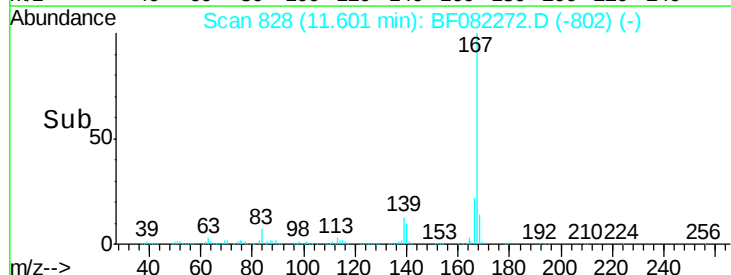
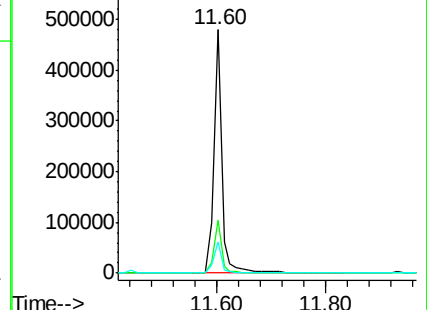
139 12.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.82 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

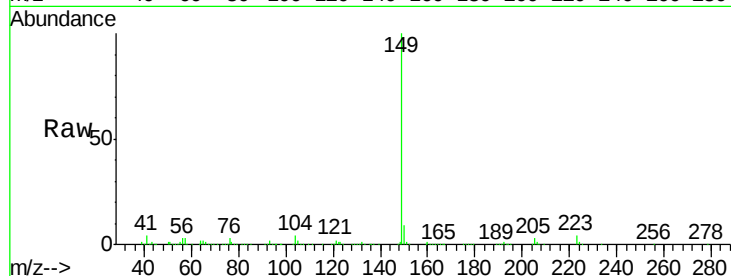
Tot Ion:149 Resp: 547295

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

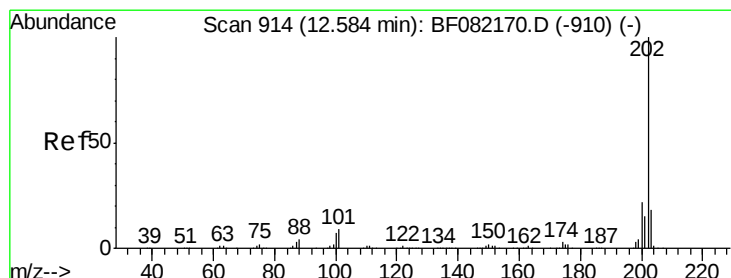
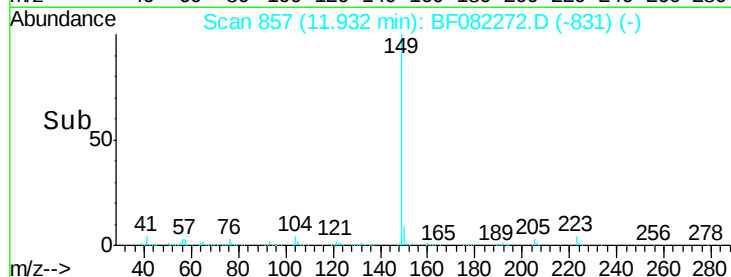
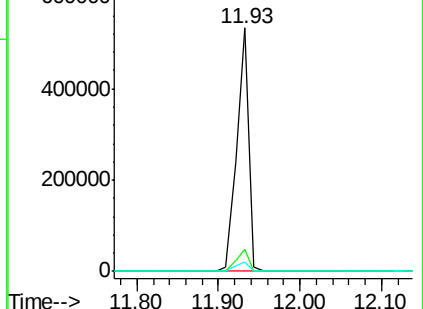
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.17 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

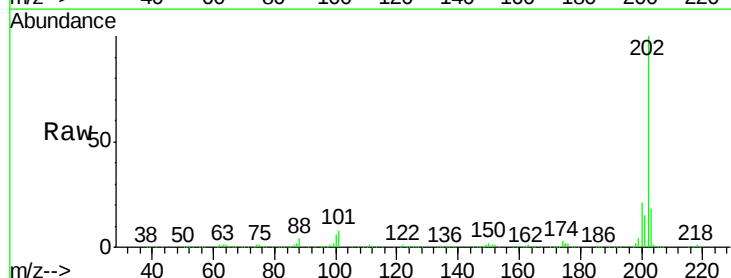
Tgt Ion:202 Resp: 701080

Ion Ratio Lower Upper

202 100

101 8.0 0.0 29.3

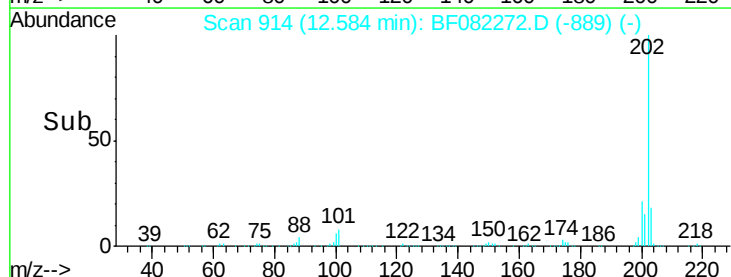
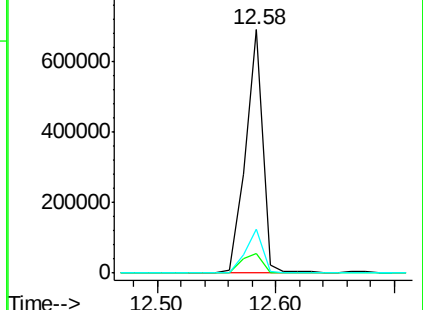
203 17.9 0.0 37.8

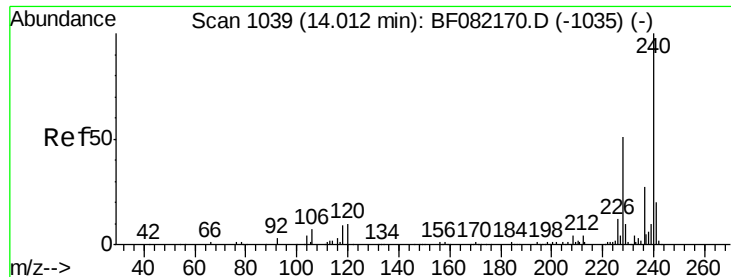


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

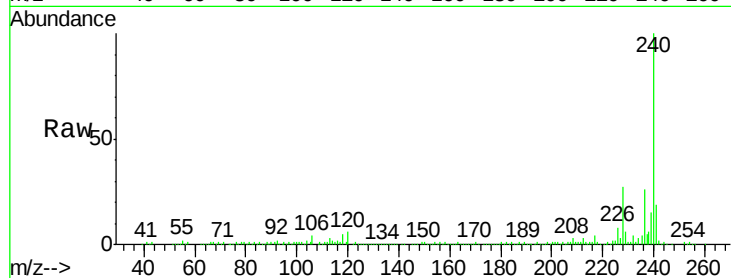
Tot Ion:240 Resp: 227209

Ion Ratio Lower Upper

240 100

120 6.1 8.1 12.1#

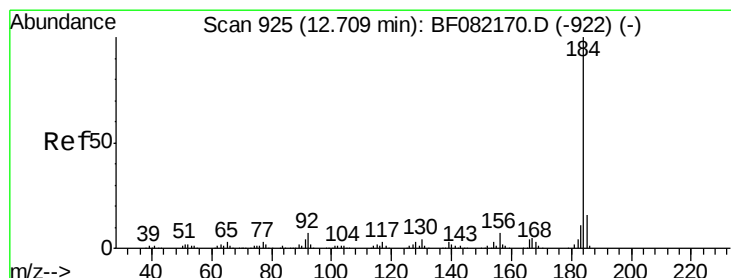
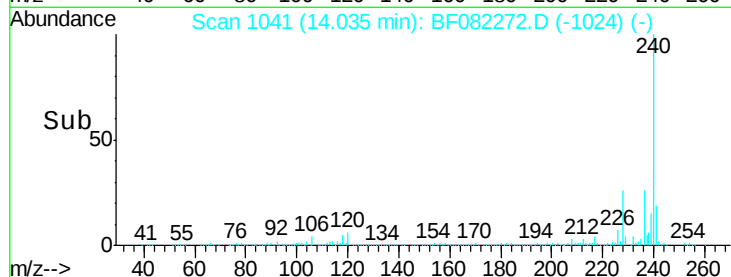
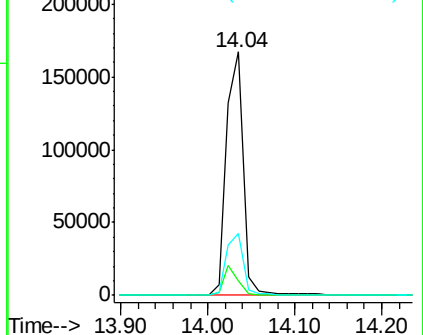
236 25.6 21.3 31.9



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: 19.60 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

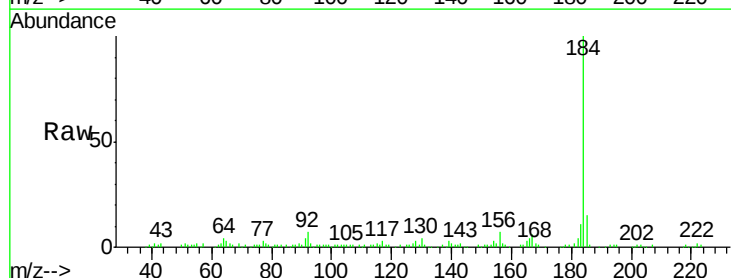
Tgt Ion:184 Resp: 129029

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

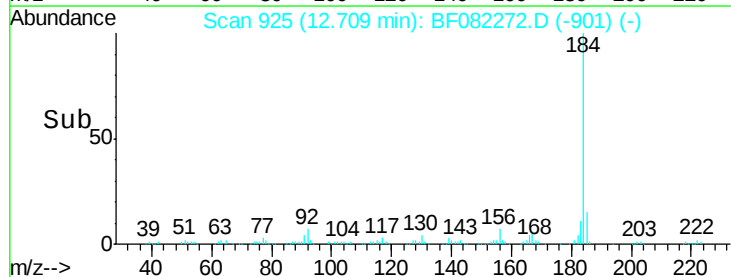
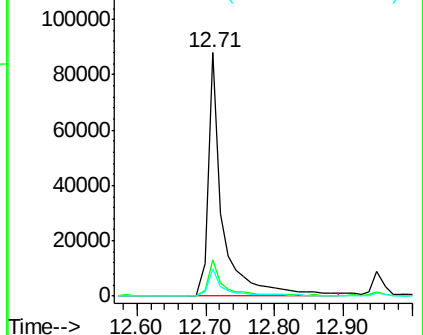
183 11.3 9.1 13.7

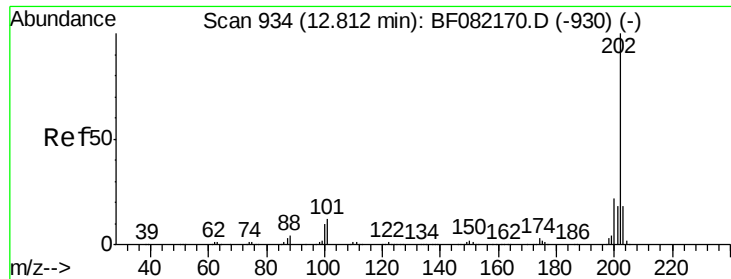


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

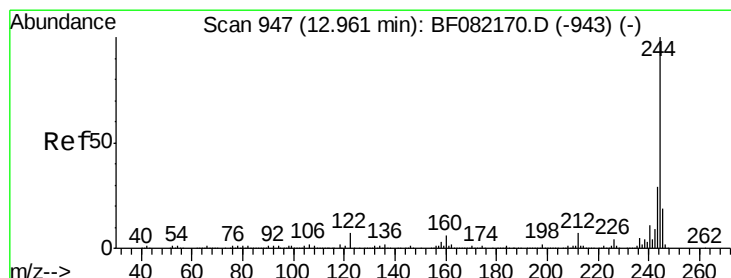
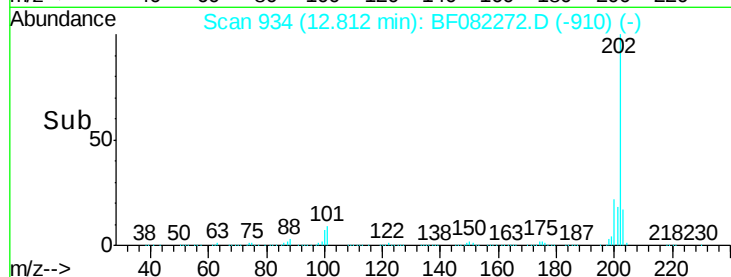
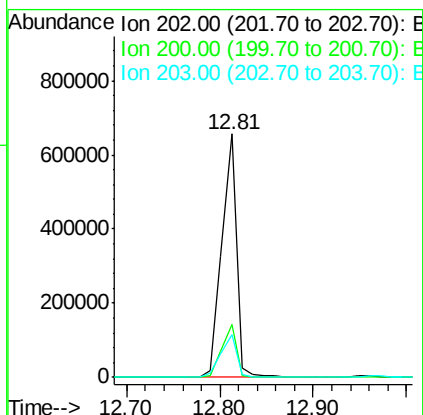
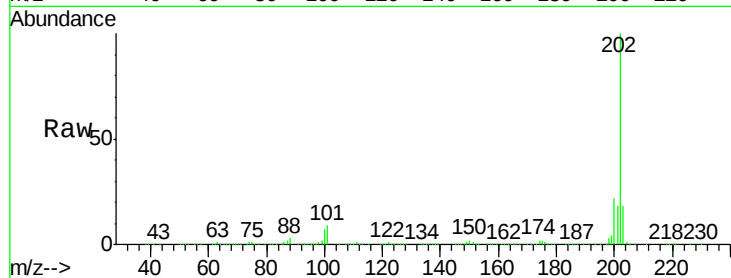




#77
Pvrene
Concen: 52.60 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

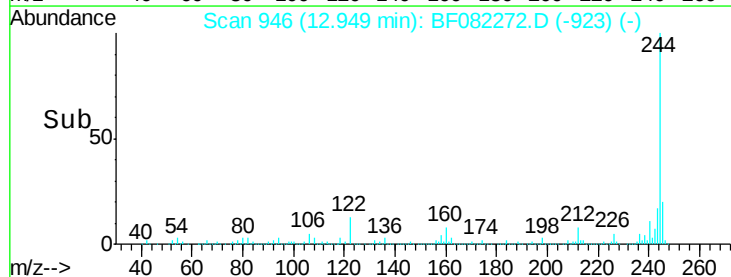
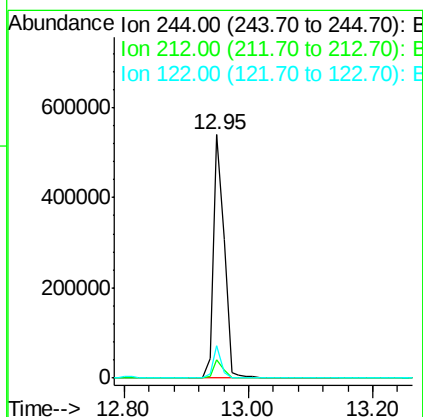
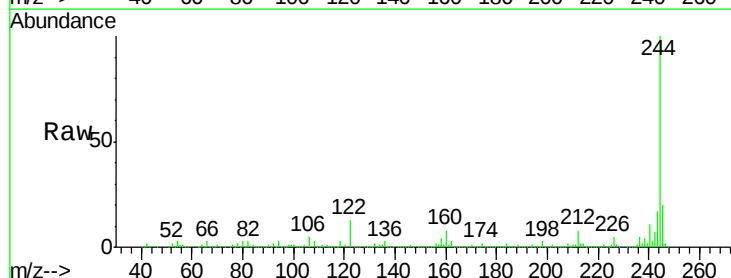
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	17.7	14.5	21.7



#78
Terphenyl-d14
Concen: 74.57 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.03 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	13.1	5.9	8.9#

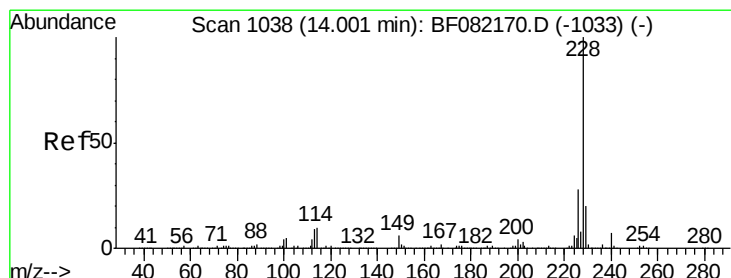
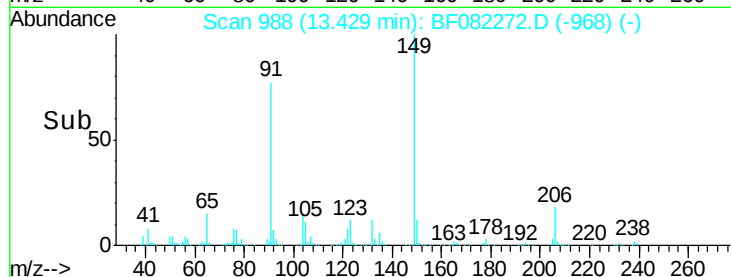
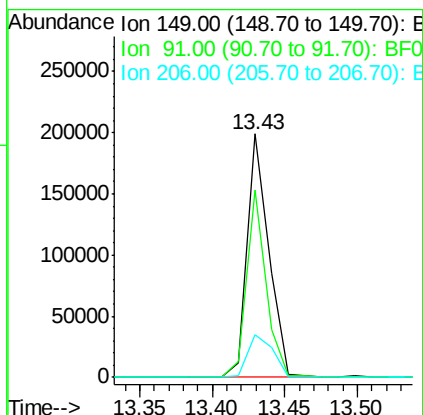
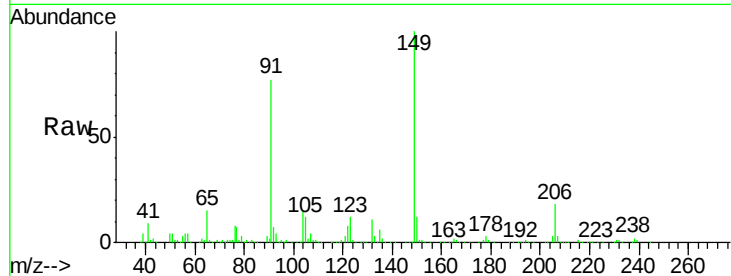




#79
Butylbenzylphthalate
Concen: 33.10 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.07 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

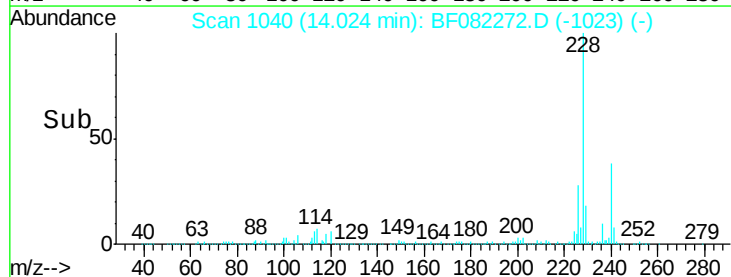
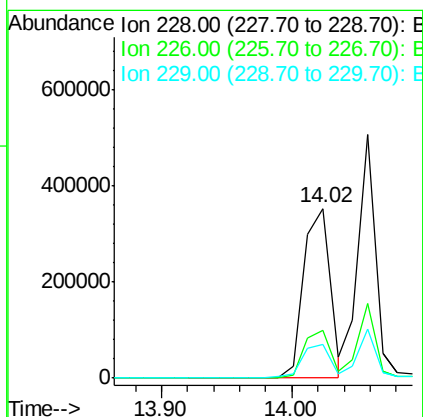
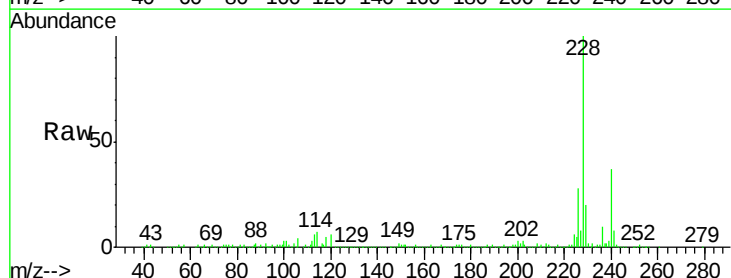
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

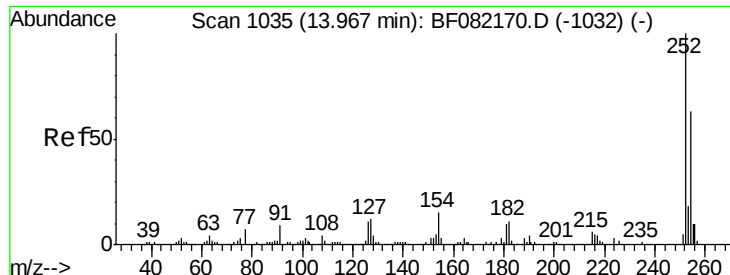
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	55.7	83.5
206	17.5	15.6	23.4



#80
Benzo(a)anthracene
Concen: 41.94 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.10 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	19.6	16.2	24.2

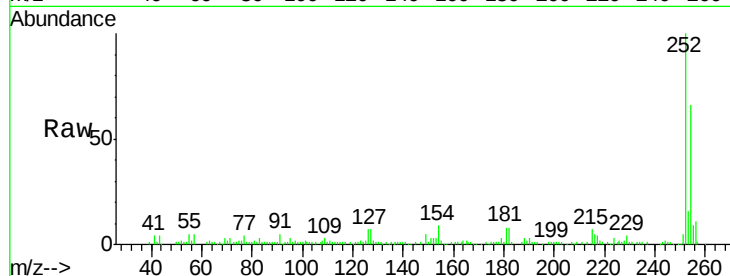




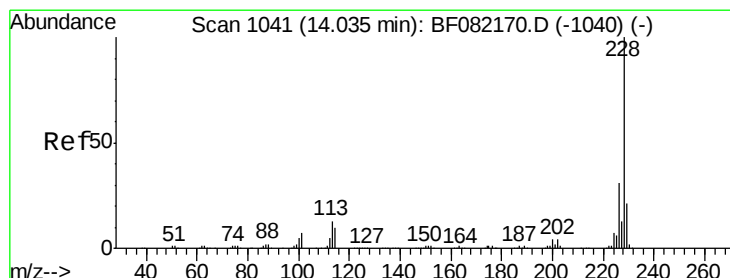
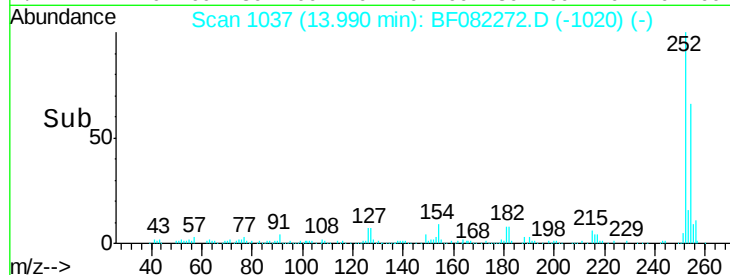
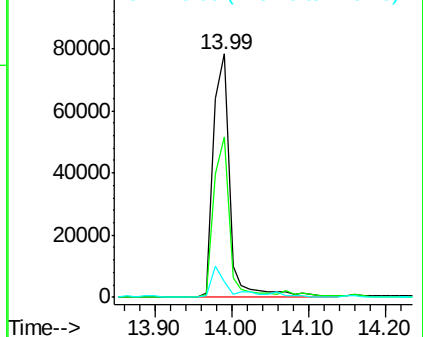
#81
 3,3'-Dichlorobenzidine
 Concen: 26.41 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion:252 Resp: 118499
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.7 76.1
 126 6.7 9.0 13.6#

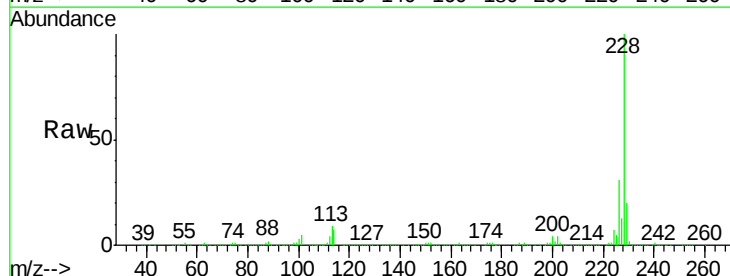


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

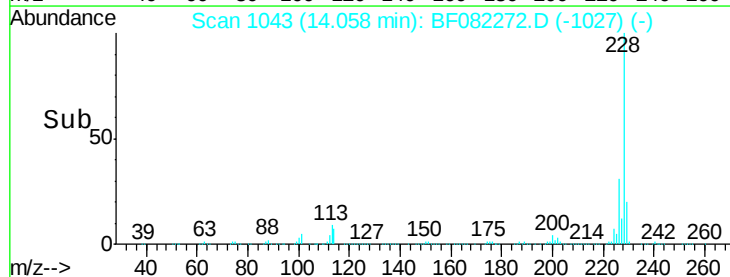
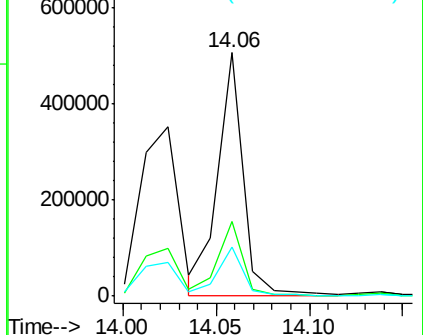


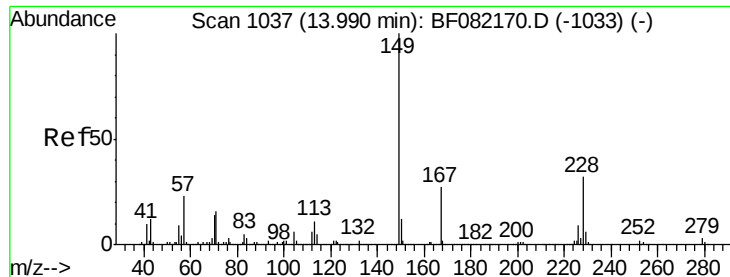
#82
 Chrysene
 Concen: 38.80 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.11 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:228 Resp: 483310
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

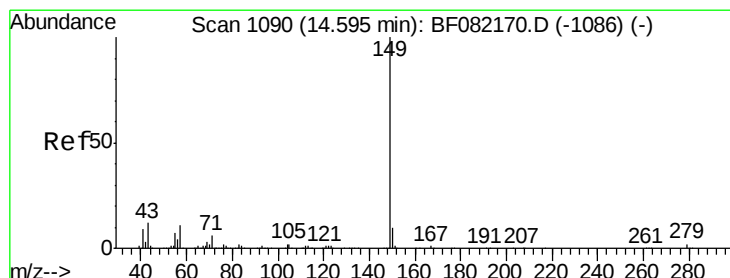
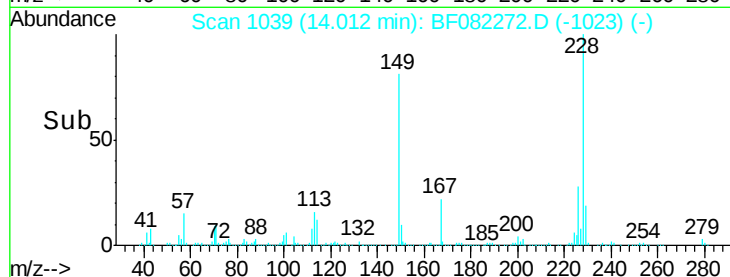
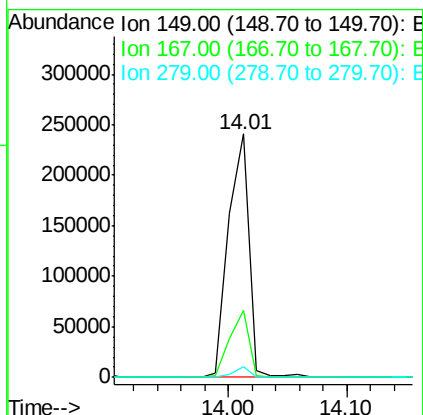
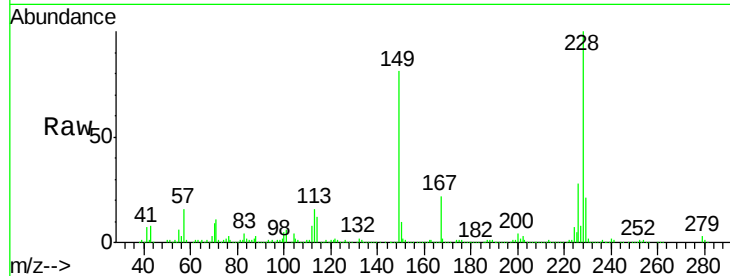




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.49 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.11 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

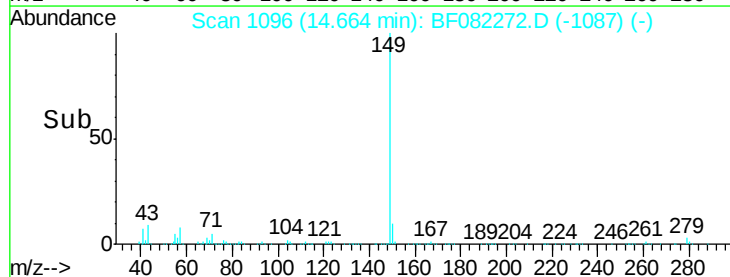
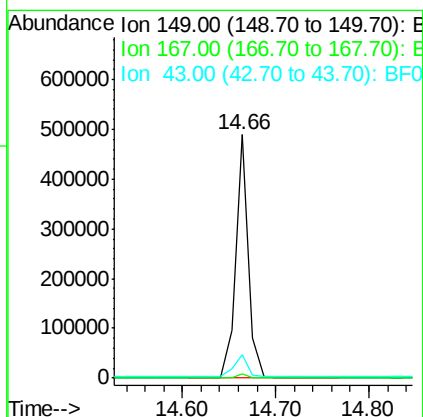
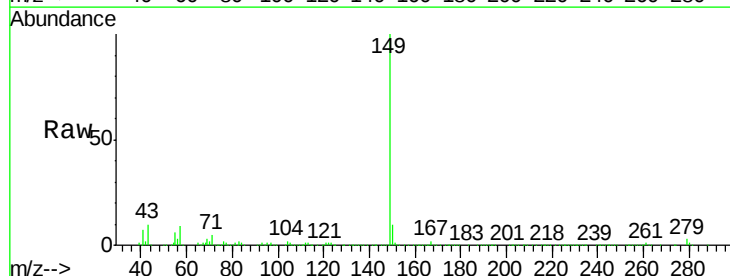
Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

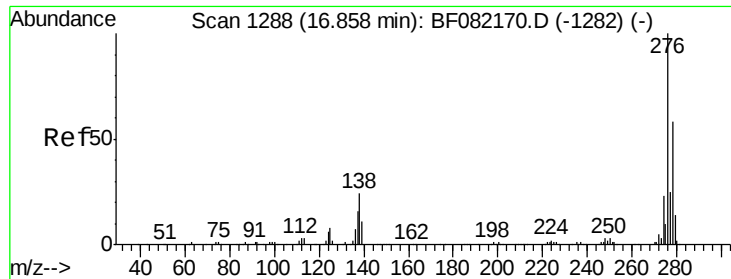
Tot Ion:149 Resp: 285228
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 4.2 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 30.60 ng
 RT: 14.66 min Scan# 1096
 Delta R.T. -0.19 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Tgt Ion:149 Resp: 461304
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.5 7.4 11.2

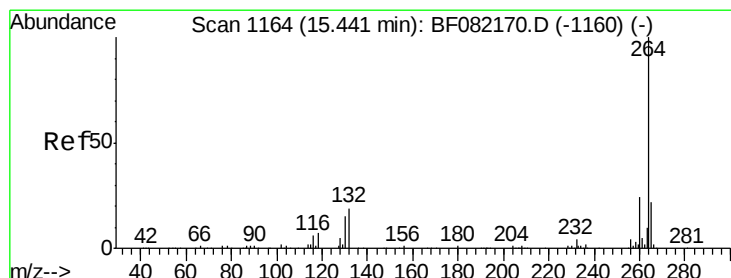
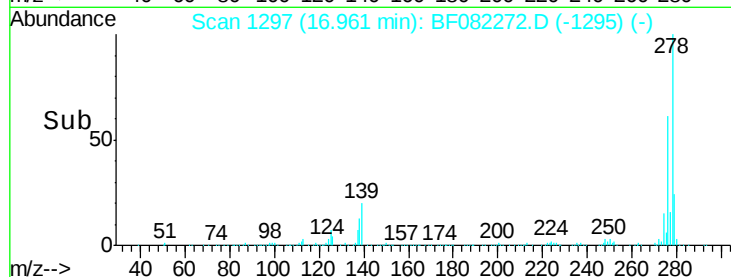
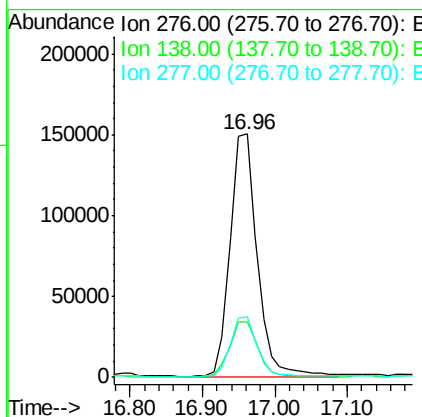
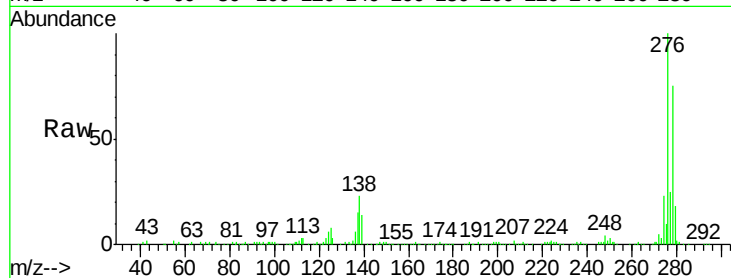




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.54 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.27 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

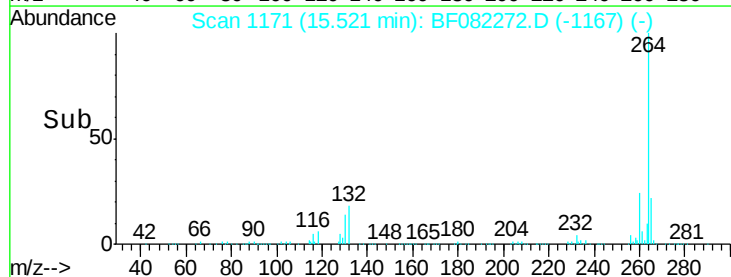
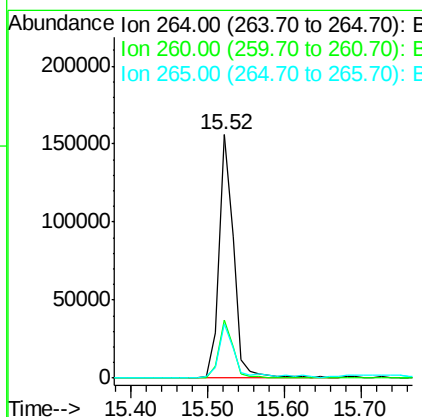
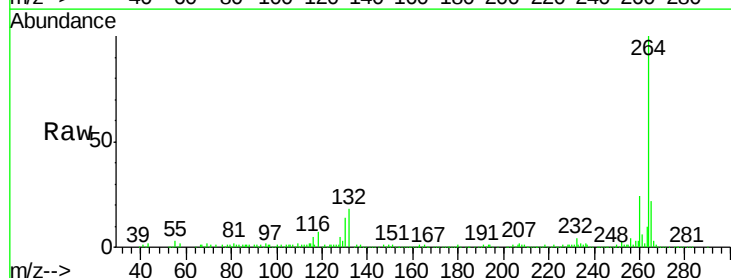
Instrument :
BNA_F
ClientSampleId :
UST-3MSD

Tot Ion:276 Resp: 391443
Ion Ratio Lower Upper
276 100
138 24.2 19.7 29.5
277 24.5 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.25 min
Lab File: BF082272.D
Acq: 13 Oct 2015 23:50

Tgt Ion:264 Resp: 208885
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 22.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 66.74 ng

RT: 15.13 min Scan# 1137

Delta R.T. -0.21 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

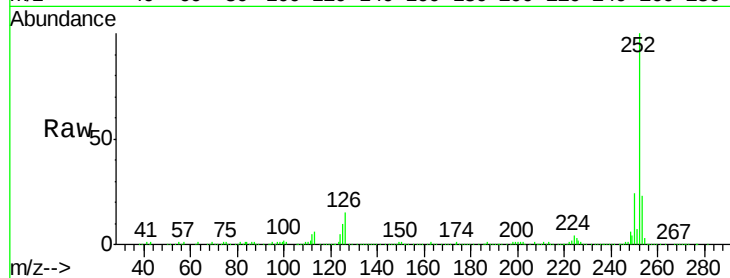
Tot Ion:252 Resp: 848210

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

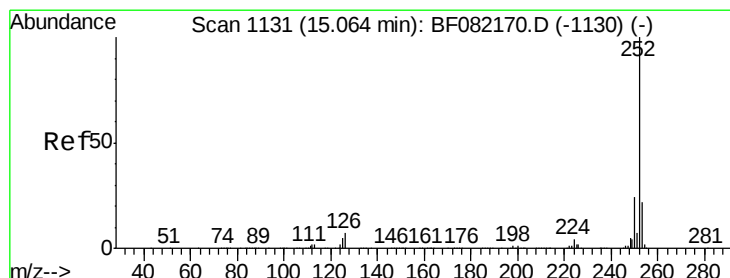
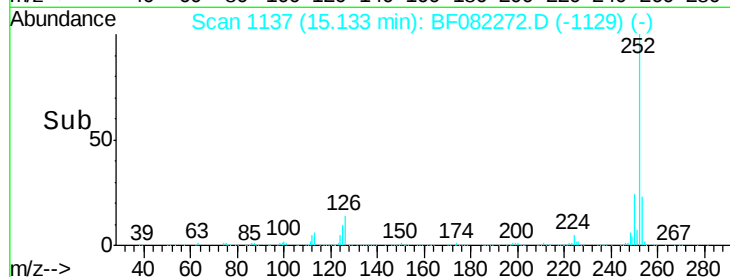
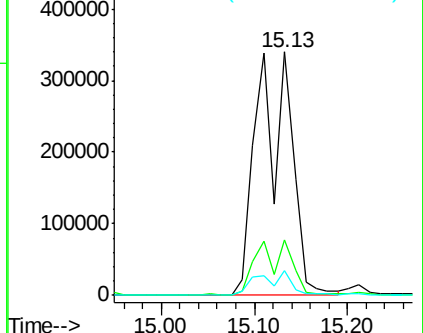
125 10.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 79.41 ng

RT: 15.13 min Scan# 1137

Delta R.T. -0.24 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

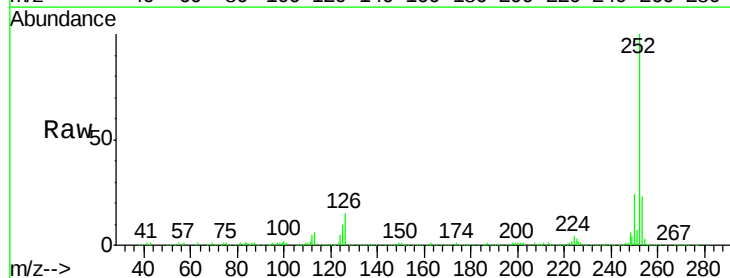
Tgt Ion:252 Resp: 848210

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

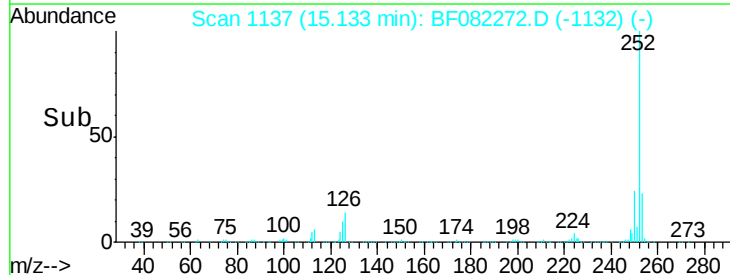
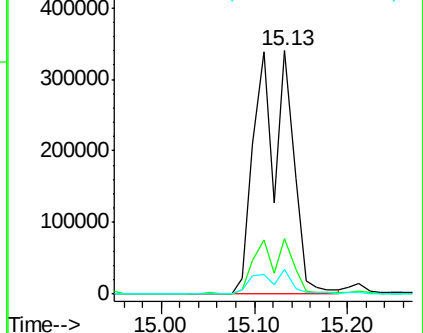
125 10.1 6.7 10.1

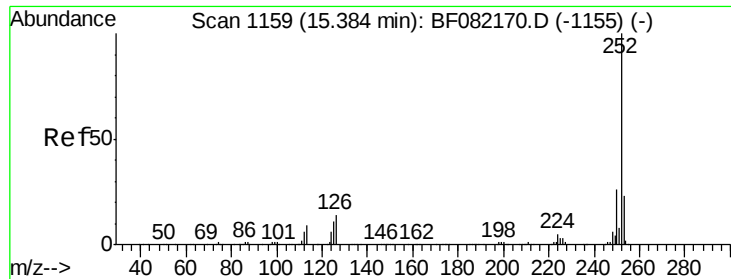


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.25 ng

RT: 15.46 min Scan# 1166

Delta R.T. -0.24 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

Instrument :

BNA_F

ClientSampleId :

UST-3MSD

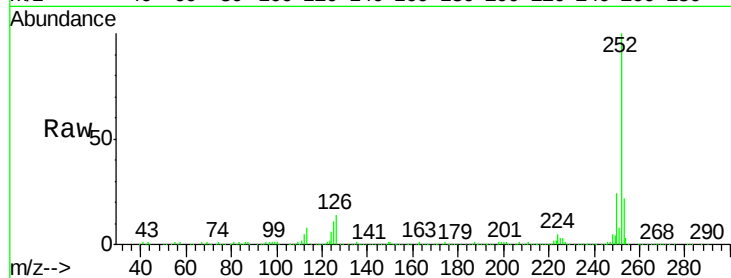
Tot Ion:252 Resp: 417762

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

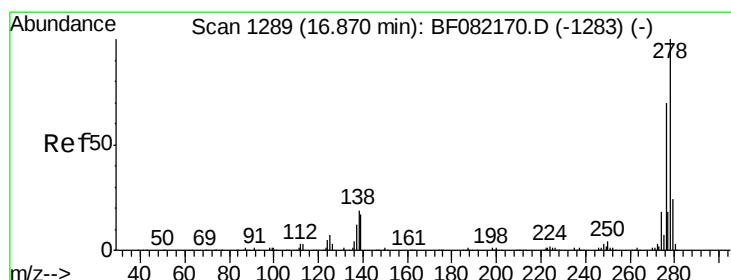
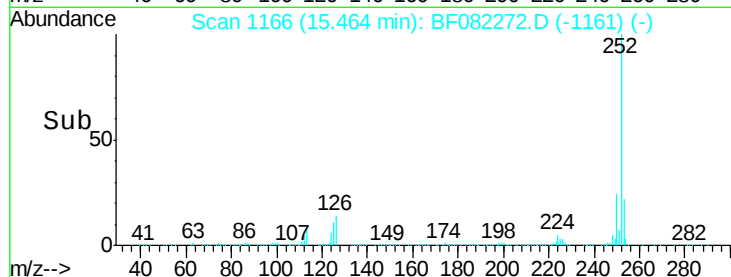
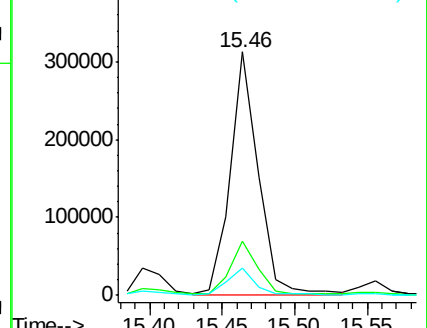
125 11.2 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.32 ng

RT: 16.97 min Scan# 1298

Delta R.T. -0.27 min

Lab File: BF082272.D

Acq: 13 Oct 2015 23:50

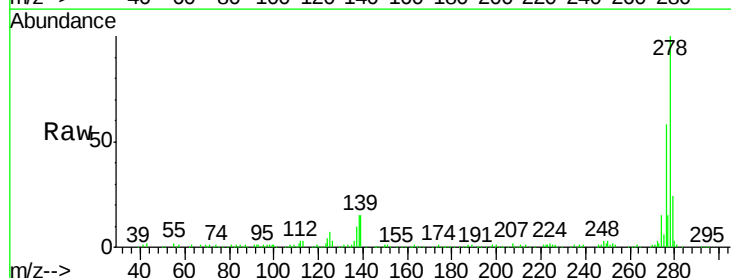
Tgt Ion:278 Resp: 307134

Ion Ratio Lower Upper

278 100

139 14.6 13.3 19.9

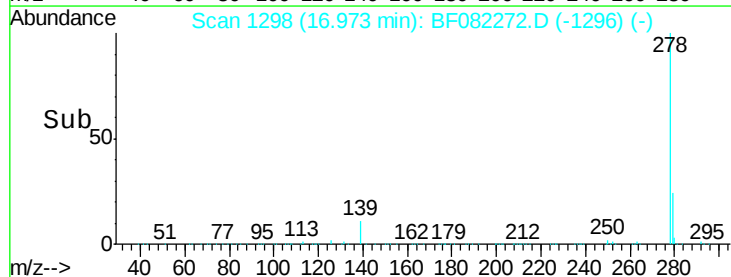
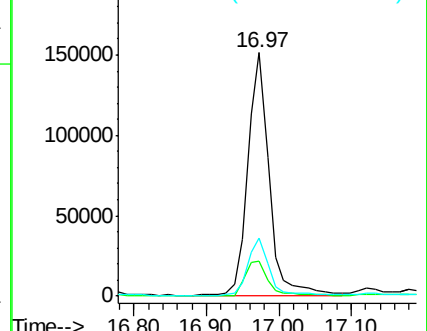
279 23.8 18.9 28.3

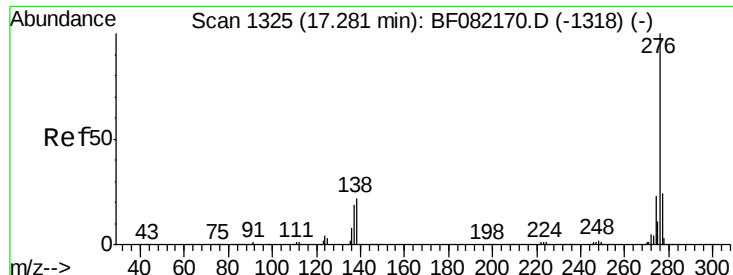


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.16 ng
 RT: 17.38 min Scan# 1334
 Delta R.T. -0.29 min
 Lab File: BF082272.D
 Acq: 13 Oct 2015 23:50

Instrument :
 BNA_F
 ClientSampleId :
 UST-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.0	17.4	26.2

