

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087373.D
 Acq On : 25 May 2016 15:36
 Operator : UM/SJ
 Sample : H3218-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Quant Time: May 25 22:28:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	107816	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	444359	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	197160	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	334542	20.00	ng	0.00
75) Chrysene-d12	18.47	240	226289	20.00	ng	-0.01
86) Perylene-d12	20.14	264	219229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	794961	129.56	ng	0.01
7) Phenol-d6	7.07	99	1093075	131.84	ng	0.00
23) Nitrobenzene-d5	8.43	82	772579	87.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	196090	103.50	ng	-0.01
44) 2-Fluorobiphenyl	11.34	172	1113236	79.60	ng	0.00
78) Terphenyl-d14	17.13	244	692306	65.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	96660	29.86	ng	# 65
3) Pyridine	2.48	79	255895	36.15	ng	# 66
4) n-Nitrosodimethylamine	2.44	42	244339	44.80	ng	# 49
6) Aniline	7.02	93	821578	76.60	ng	94
8) 2-Chlorophenol	7.20	128	329996	43.13	ng	90
9) Benzaldehyde	6.84	77	61991	13.54	ng	96
10) Phenol	7.08	94	379963	41.97	ng	77
11) bis(2-Chloroethyl)ether	7.16	93	325695	44.45	ng	87
12) 1,3-Dichlorobenzene	7.42	146	334224	40.05	ng	# 92
13) 1,4-Dichlorobenzene	7.78	146	323026	37.70	ng	95
14) 1,2-Dichlorobenzene	7.78	146	330286	41.67	ng	99
15) Benzyl Alcohol	7.82	79	321982	53.27	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	637428	38.66	ng	84
17) 2-Methylphenol	8.03	107	257887	42.05	ng	# 87
18) Hexachloroethane	8.30	117	125163	39.16	ng	96
19) n-Nitroso-di-n-propylamine	8.24	70	271599	43.93	ng	# 69
20) 3+4-Methylphenols	8.30	107	355686	47.98	ng	# 60
22) Acetophenone	8.20	105	499937	47.09	ng	# 98
24) Nitrobenzene	8.47	77	409487	44.00	ng	97
25) Isophorone	8.86	82	687457	43.47	ng	98
26) 2-Nitrophenol	8.97	139	174537	45.88	ng	# 74
27) 2,4-Dimethylphenol	9.11	122	247136	37.42	ng	# 86
28) bis(2-Chloroethoxy)methane	9.24	93	411209	46.17	ng	99
29) 2,4-Dichlorophenol	9.38	162	278578	46.81	ng	97
30) 1,2,4-Trichlorobenzene	9.47	180	287300	42.17	ng	95
31) Naphthalene	9.59	128	1035160	46.49	ng	100
32) Benzoic acid	9.47	122	2734	6.53	ng	# 59
33) 4-Chloroaniline	9.74	127	207727	25.33	ng	96
34) Hexachlorobutadiene	9.80	225	160495	38.75	ng	100
35) Caprolactam	10.41	113	26743	15.40	ng	# 74
36) 4-Chloro-3-methylphenol	10.59	107	310896	46.20	ng	95
37) 2-Methylnaphthalene	10.87	142	585157	42.07	ng	95
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	258248	40.92	ng	99
40) Hexachlorocyclopentadiene	10.96	237	95082	41.74	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
 Data File : BF087373.D
 Acq On : 25 May 2016 15:36
 Operator : UM/SJ
 Sample : H3218-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

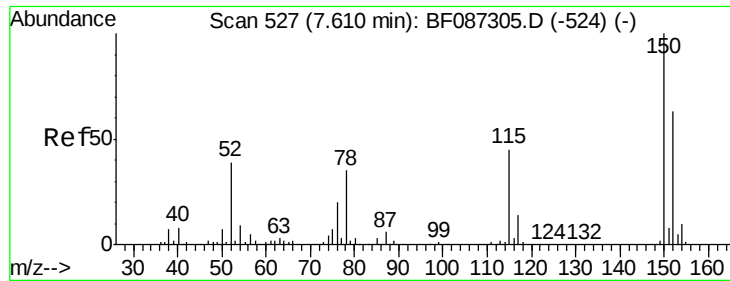
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Quant Time: May 25 22:28:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.21	196	166265	45.64	ng	96
43) 2,4,5-Trichlorophenol	11.29	196	166876	44.98	ng #	91
45) 1,1'-Biphenyl	11.49	154	735270	44.29	ng	98
46) 2-Chloronaphthalene	11.50	162	537698	42.34	ng	97
47) 2-Nitroaniline	11.71	65	226847	49.58	ng	87
48) Acenaphthylene	12.15	152	851312	42.34	ng	99
49) Dimethylphthalate	12.03	163	948673	60.07	ng	100
50) 2,6-Dinitrotoluene	12.13	165	140364	44.11	ng #	81
51) Acenaphthene	12.43	154	548382	44.38	ng	98
52) 3-Nitroaniline	12.39	138	125145	38.32	ng #	81
53) 2,4-Dinitrophenol	12.65	184	1649	7.48	ng #	13
54) Dibenzofuran	12.72	168	792876	47.39	ng	95
55) 4-Nitrophenol	12.77	139	142468	91.44	ng #	68
56) 2,4-Dinitrotoluene	12.79	165	187508	44.08	ng	90
57) Fluorene	13.27	166	648157	44.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	130066	45.58	ng	99
59) Diethylphthalate	13.18	149	636643	41.46	ng	100
60) 4-Chlorophenyl-phenylether	13.30	204	284285	40.18	ng	91
61) 4-Nitroaniline	13.39	138	128104	42.02	ng #	81
62) Azobenzene	13.55	77	731086	45.89	ng	87
64) 4,6-Dinitro-2-methylphenol	13.45	198	29670	13.95	ng #	45
65) n-Nitrosodiphenylamine	13.51	169	513601	47.47	ng	100
66) 4-Bromophenyl-phenylether	14.09	248	157247	42.97	ng #	86
67) Hexachlorobenzene	14.15	284	154475	40.36	ng #	60
68) Atrazine	14.43	200	161216	46.75	ng	95
69) Pentachlorophenol	14.51	266	91232	76.95	ng	96
70) Phenanthrene	14.82	178	1573405	84.91	ng	99
71) Anthracene	14.90	178	994537	53.13	ng	99
72) Carbazole	15.19	167	757233	47.43	ng	99
73) Di-n-butylphthalate	15.77	149	863220	41.81	ng	99
74) Fluoranthene	16.58	202	1616631	87.00	ng	95
76) Benzidine	16.81	184	138442	23.78	ng	97
77) Pyrene	16.88	202	1425364	87.51	ng	96
79) Butylbenzylphthalate	17.79	149	309978	42.91	ng #	80
80) Benzo(a)anthracene	18.46	228	944660	73.39	ng	99
81) 3,3'-Dichlorobenzidine	18.45	252	116560	16.39	ng #	98
82) Chrysene	18.50	228	853217	66.79	ng	97
83) Bis(2-ethylhexyl)phthalate	18.54	149	401292	38.07	ng #	95
84) Di-n-octyl phthalate	19.31	149	656588	40.85	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.36	276	529440	51.70	ng	93
87) Benzo(b)fluoranthene	19.74	252	1452586	104.02	ng #	96
88) Benzo(k)fluoranthene	19.74	252	1452586	120.85	ng	98
89) Benzo(a)pyrene	20.08	252	679749	56.28	ng #	96
90) Dibenzo(a,h)anthracene	21.37	278	409826	39.78	ng #	93
91) Benzo(g,h,i)perylene	21.94	276	27321	2.69	ng	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

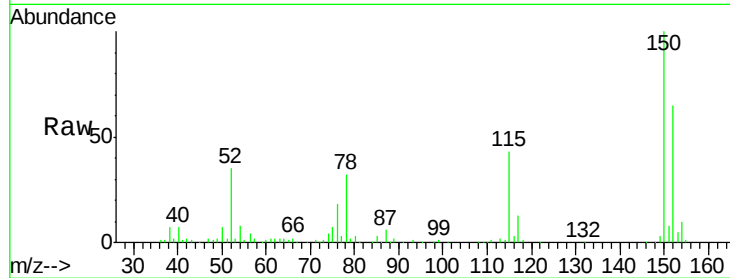
Tgt Ion:152 Resp: 107816

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

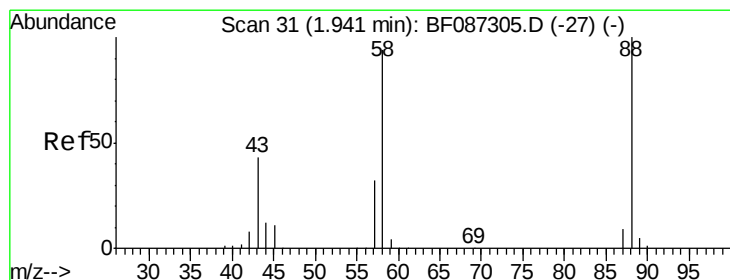
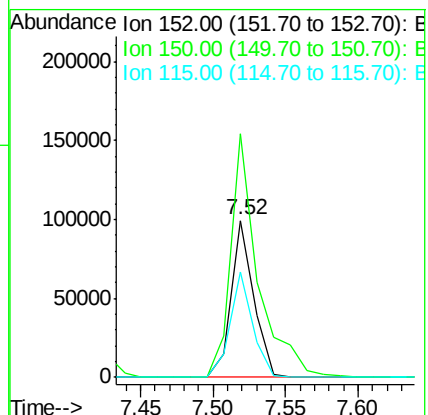
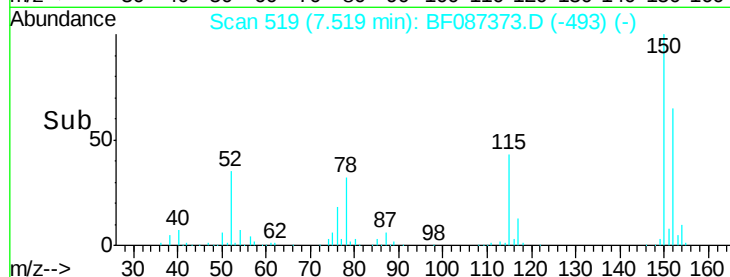
115 66.7 51.5 77.3



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: 29.86 ng

RT: 1.88 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

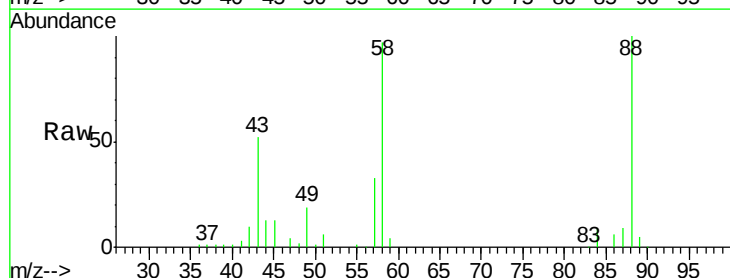
Tgt Ion: 88 Resp: 96660

Ion Ratio Lower Upper

88 100

58 95.5 59.6 89.4#

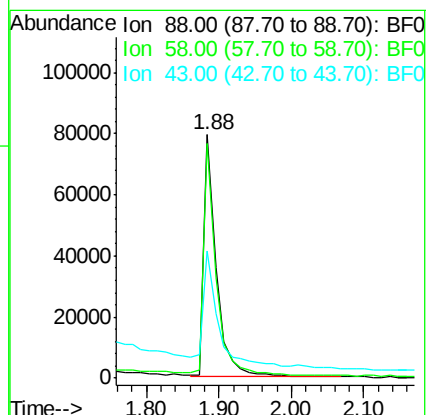
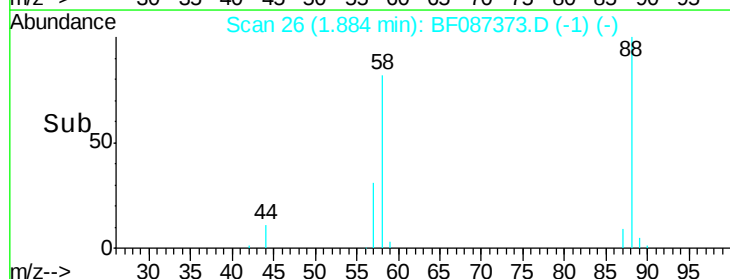
43 60.2 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.15 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

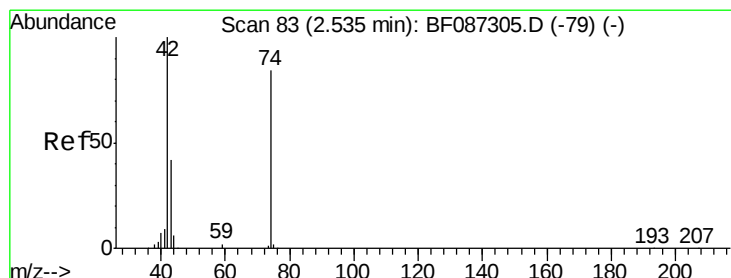
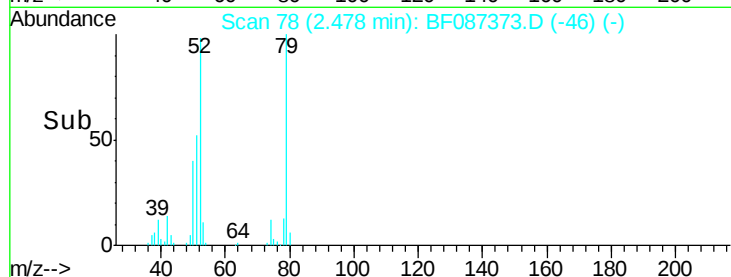
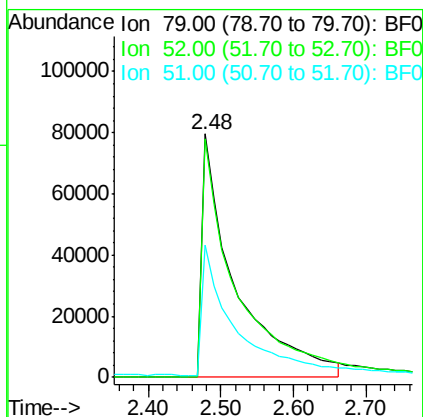
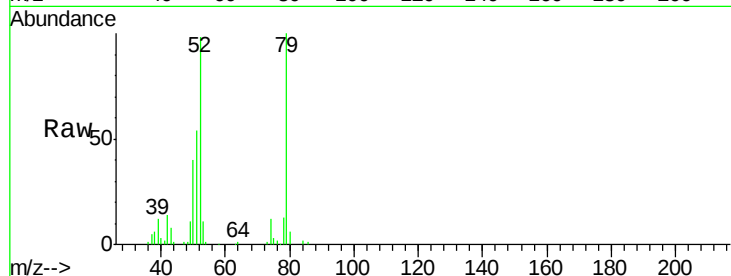
Tgt Ion: 79 Resp: 255895

Ion Ratio Lower Upper

79 100

52 98.0 55.9 83.9#

51 54.2 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 44.80 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.06 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

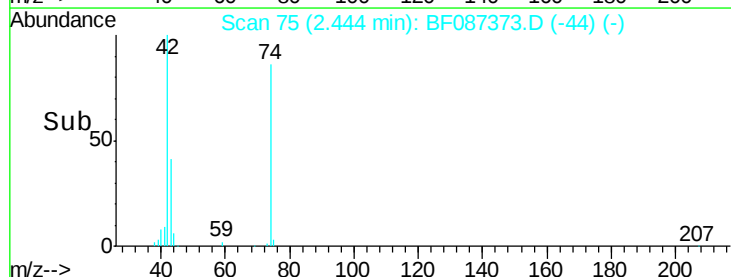
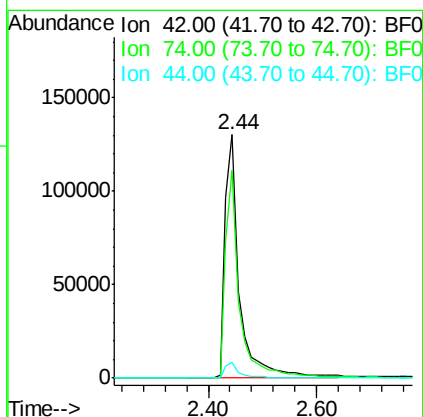
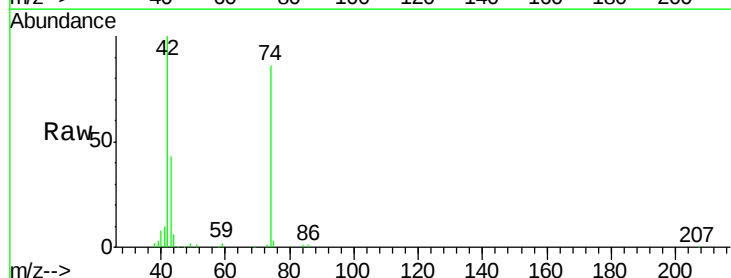
Tgt Ion: 42 Resp: 244339

Ion Ratio Lower Upper

42 100

74 85.6 123.4 185.0#

44 6.3 5.8 8.6





#5

2-Fluorophenol

Concen: 129.56 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

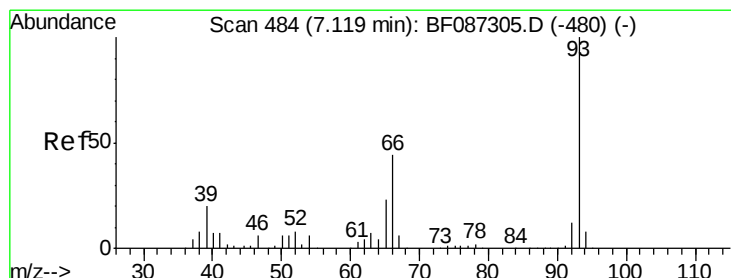
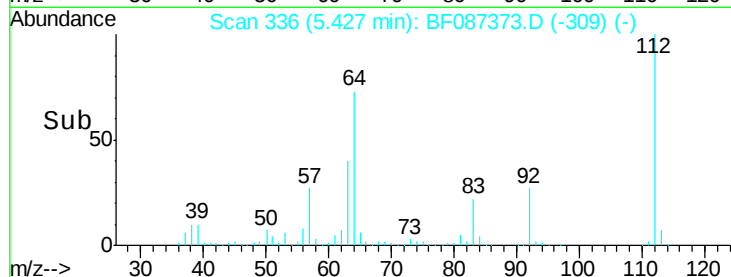
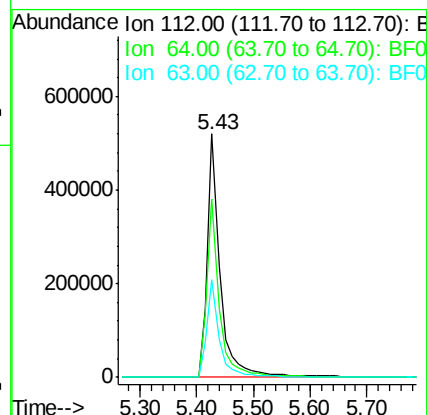
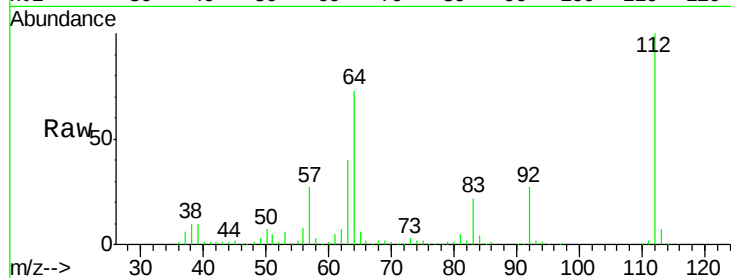
Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

Tgt Ion:	112	Resp:	794961
Ion	Ratio	Lower	Upper
112	100		
64	73.5	52.1	78.1
63	40.2	25.7	38.5#



#6

Aniline

Concen: 76.60 ng

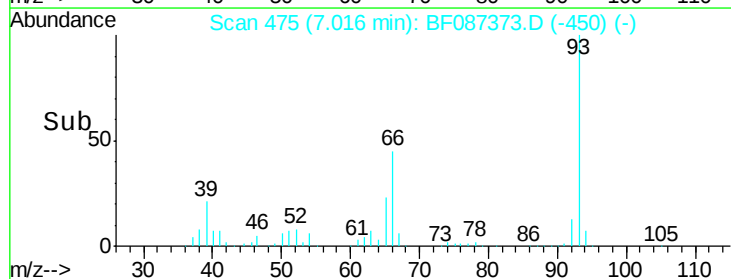
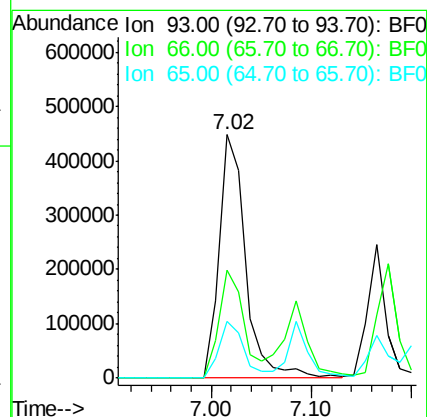
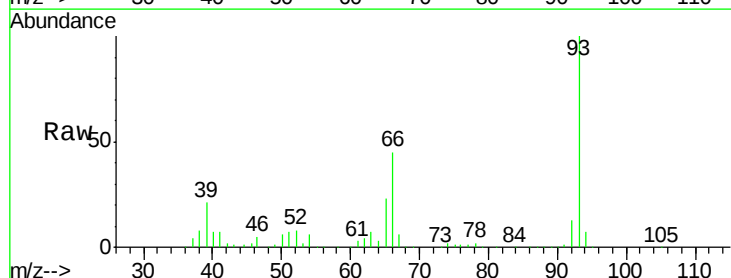
RT: 7.02 min Scan# 475

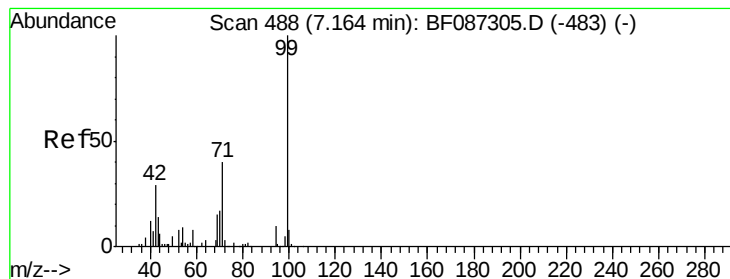
Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	93	Resp:	821578
Ion	Ratio	Lower	Upper
93	100		
66	44.6	39.0	58.6
65	23.4	20.6	31.0





#7

Phenol-d6

Concen: 131.84 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

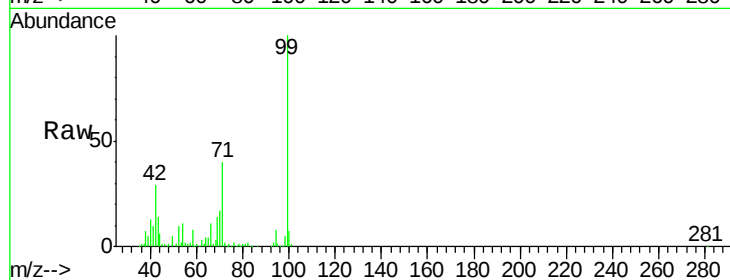
Tgt Ion: 99 Resp: 1093075

Ion Ratio Lower Upper

99 100

42 28.6 13.6 20.4#

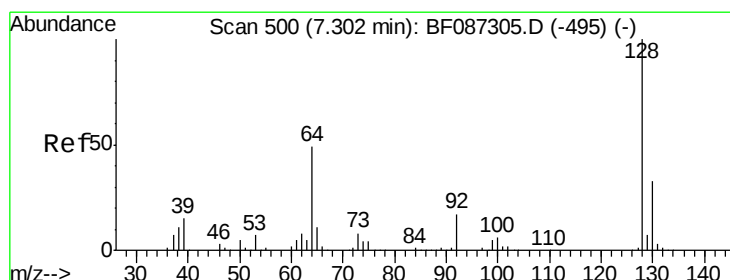
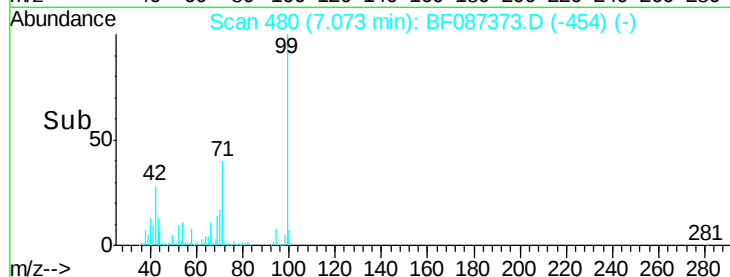
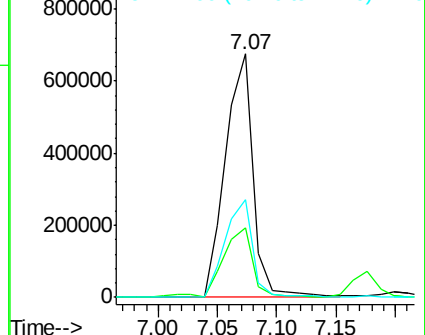
71 39.9 24.6 36.8#



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: 43.13 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

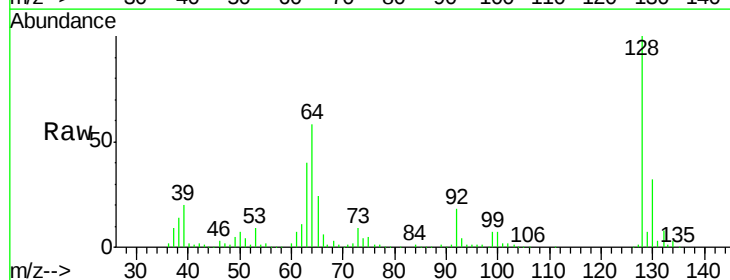
Tgt Ion: 128 Resp: 329996

Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

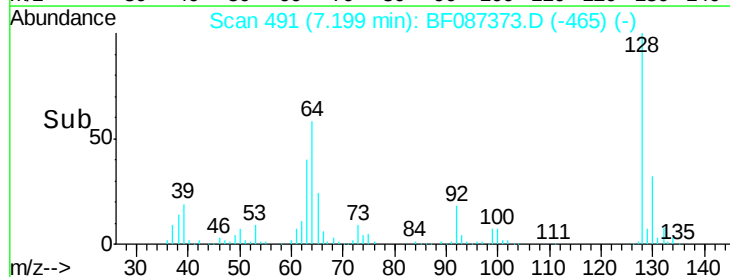
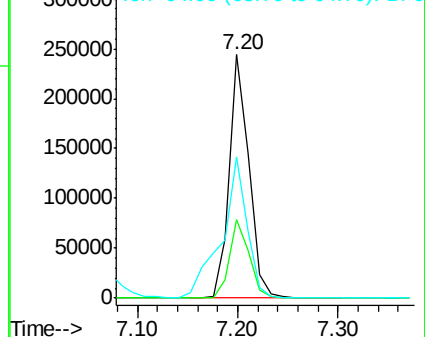
64 58.1 27.3 67.3

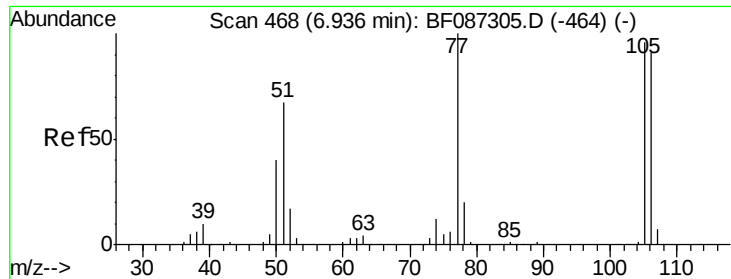


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.54 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

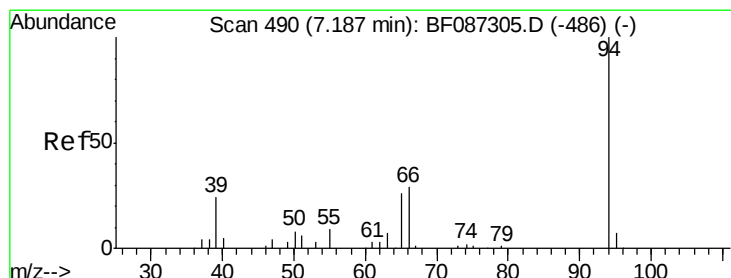
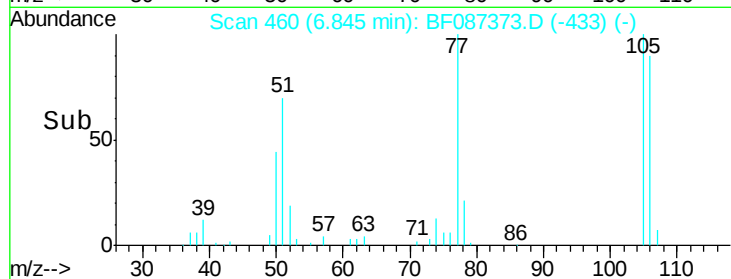
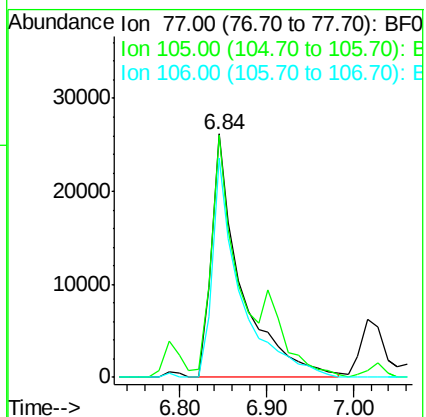
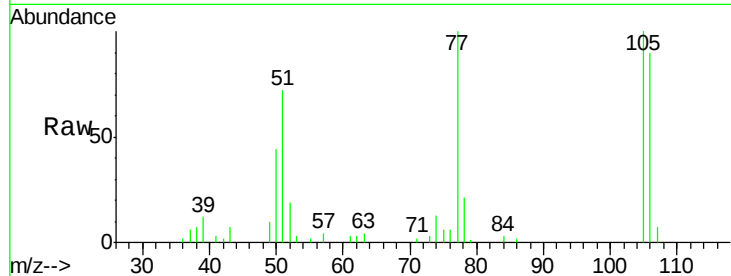
Tgt Ion: 77 Resp: 61991

Ion Ratio Lower Upper

77 100

105 99.8 72.7 112.7

106 90.0 70.8 110.8



#10

Phenol

Concen: 41.97 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

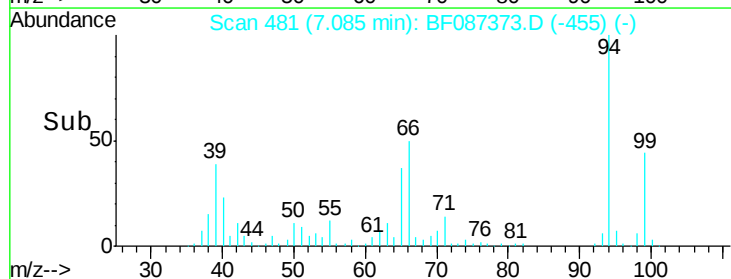
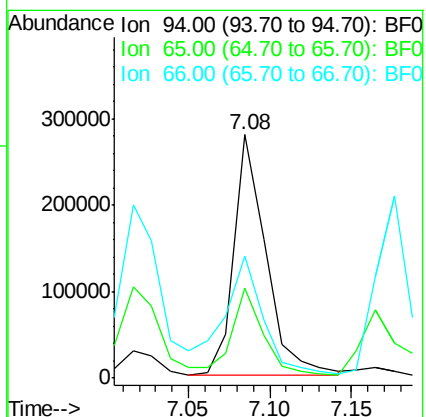
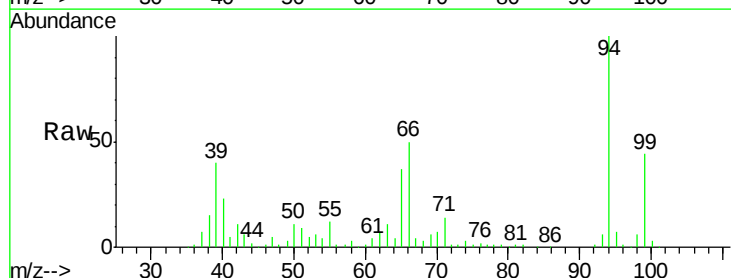
Tgt Ion: 94 Resp: 379963

Ion Ratio Lower Upper

94 100

65 37.2 7.2 47.2

66 50.2 14.9 54.9

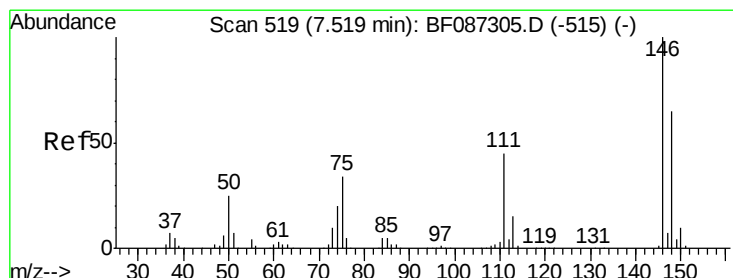
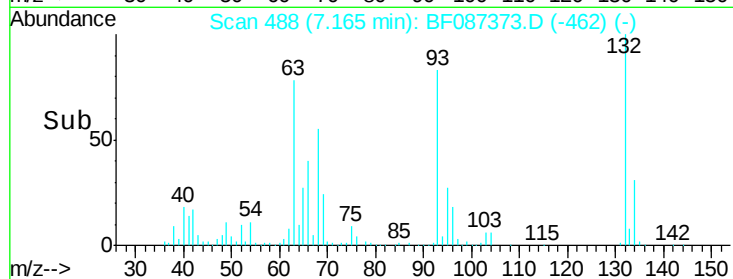
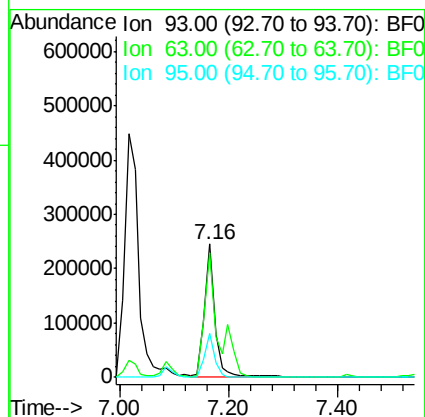
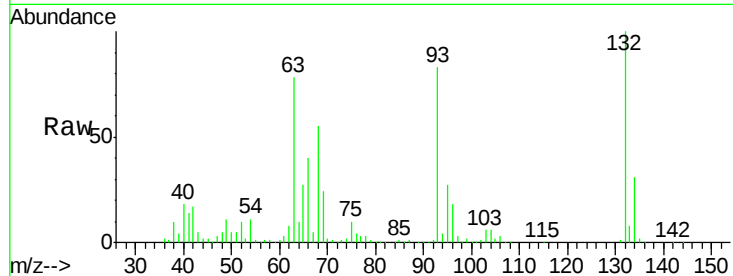




#11
 bis(2-Chloroethyl)ether
 Concen: 44.45 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

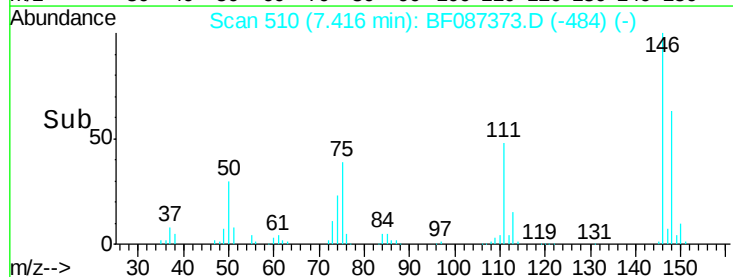
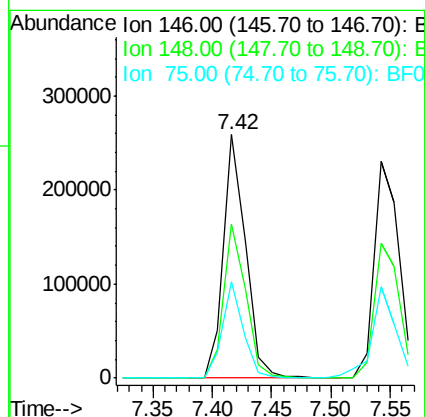
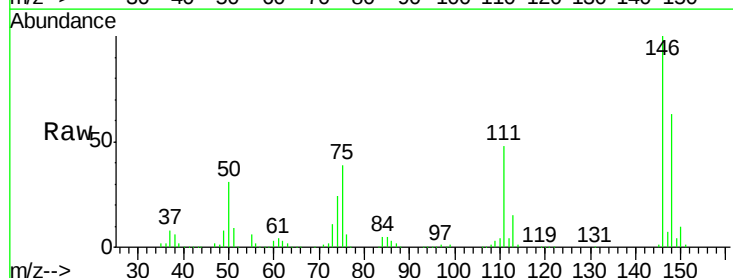
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

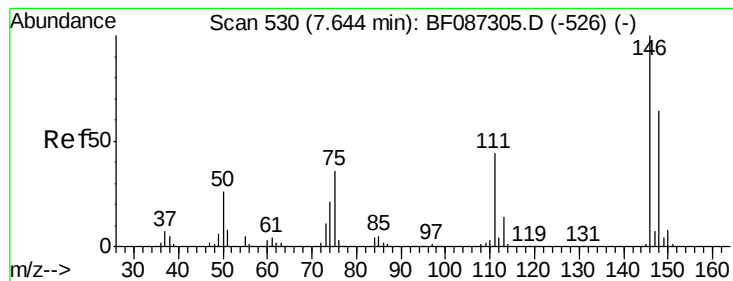
Tgt Ion: 93 Resp: 325695
 Ion Ratio Lower Upper
 93 100
 63 93.9 58.0 98.0
 95 32.6 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 40.05 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion: 146 Resp: 334224
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.4 78.6
 75 39.5 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 37.70 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.23 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

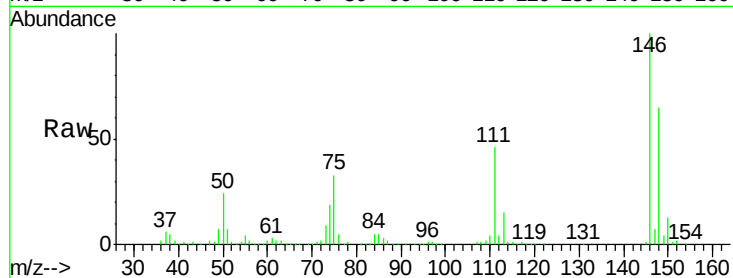
Tgt Ion:146 Resp: 323026

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

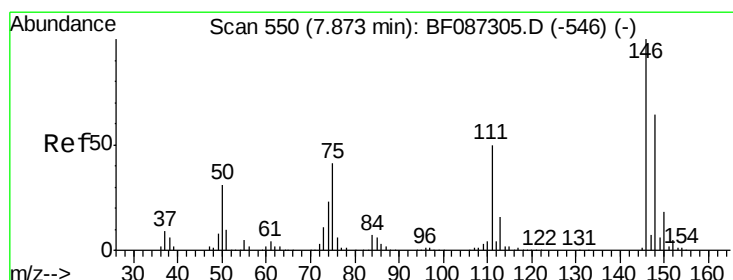
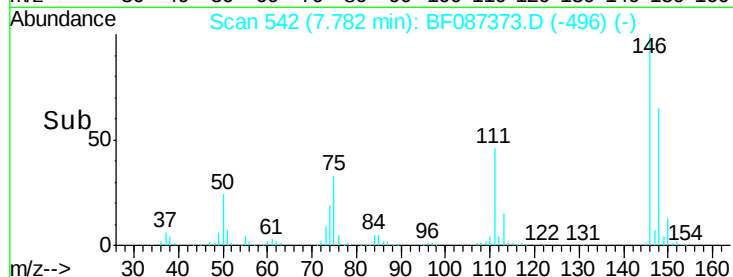
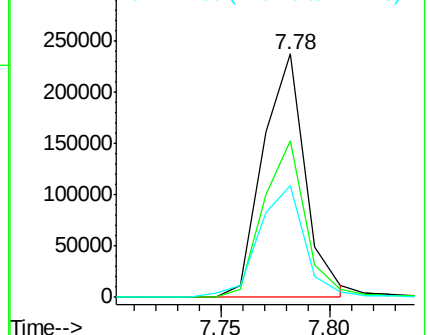
111 45.9 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.67 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

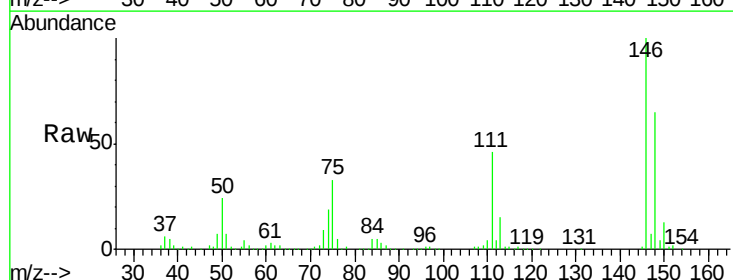
Tgt Ion:146 Resp: 330286

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

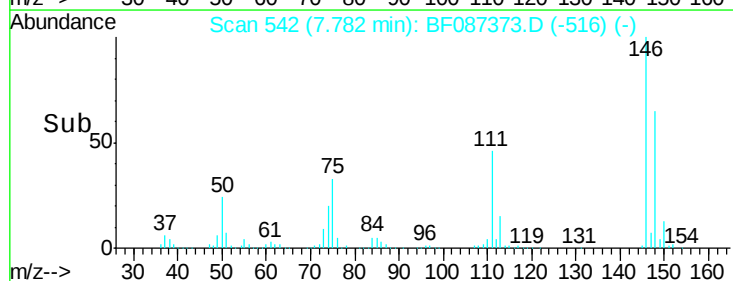
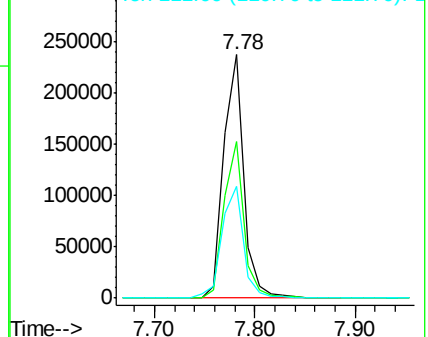
111 45.9 36.2 54.4

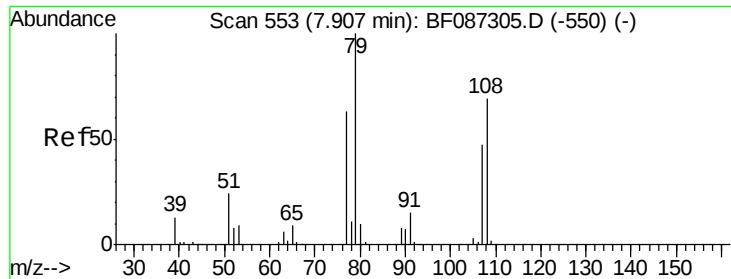


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.27 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

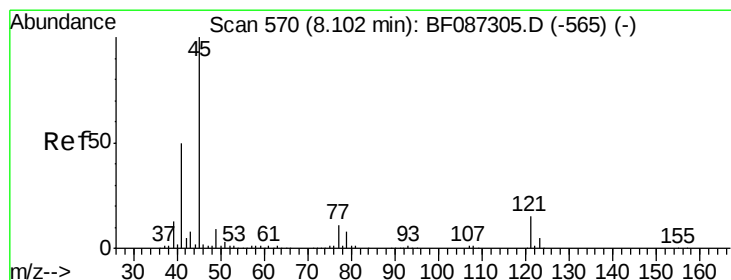
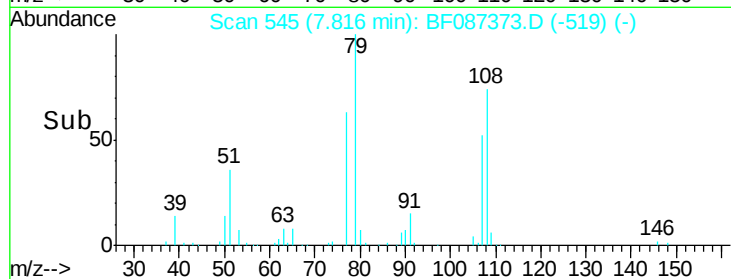
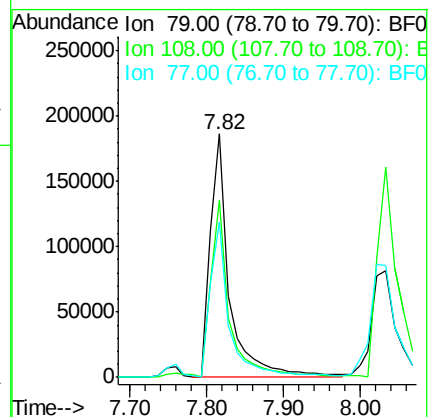
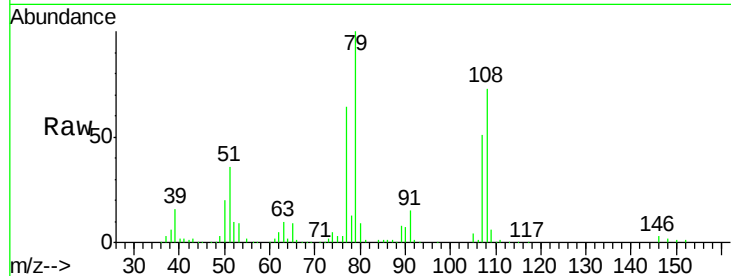
Tgt Ion: 79 Resp: 321982

Ion Ratio Lower Upper

79 100

108 72.8 68.4 102.6

77 63.9 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.66 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

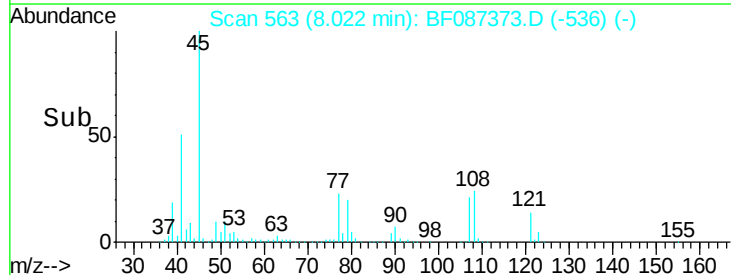
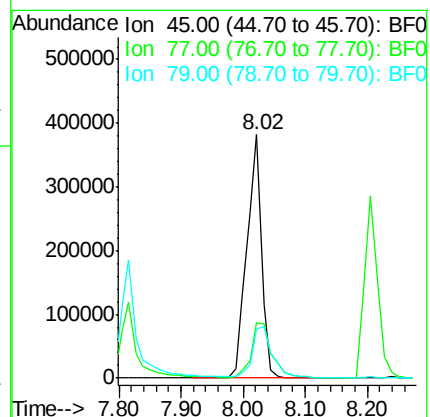
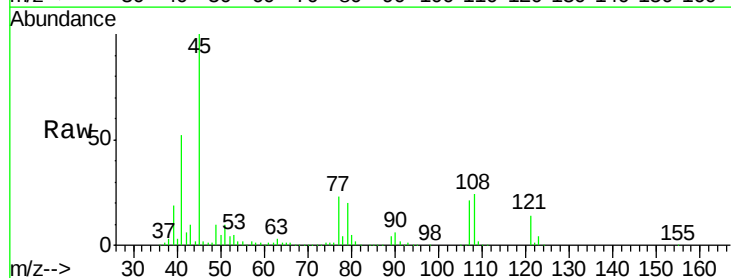
Tgt Ion: 45 Resp: 637428

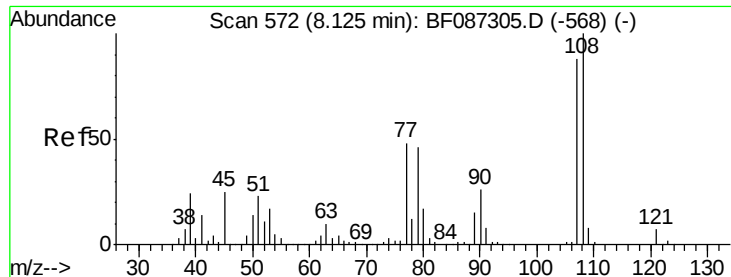
Ion Ratio Lower Upper

45 100

77 22.5 0.0 36.4

79 20.2 0.0 33.4

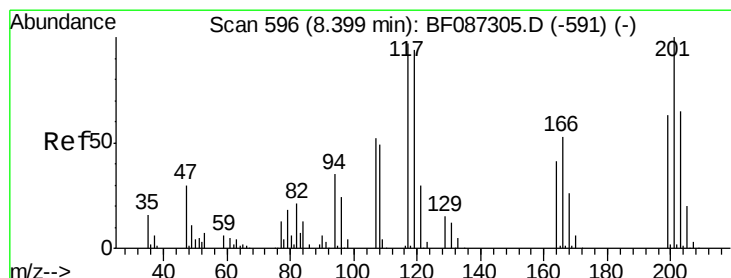
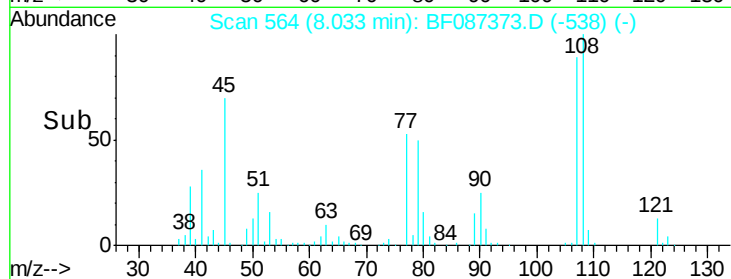
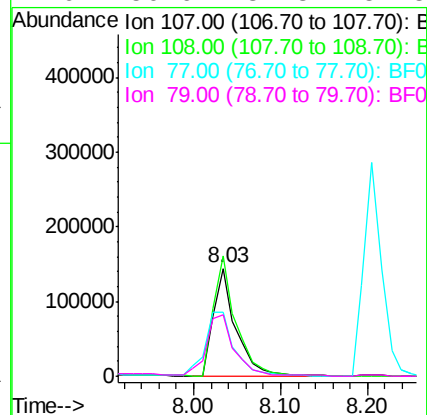
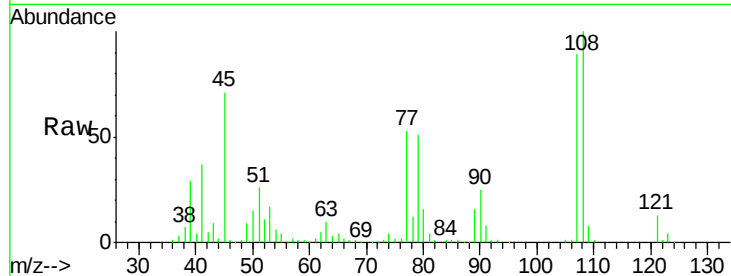




#17
2-Methylphenol
Concen: 42.05 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

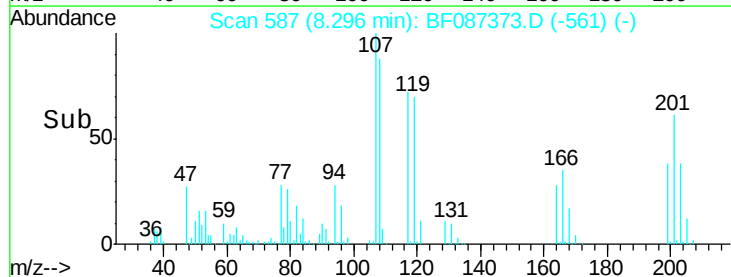
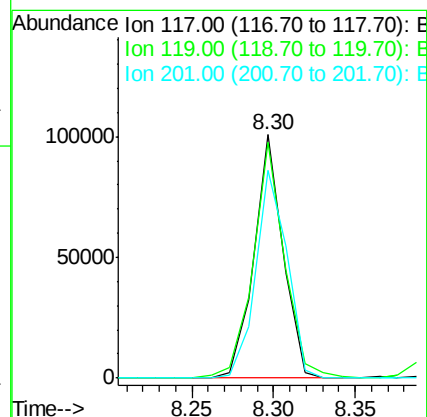
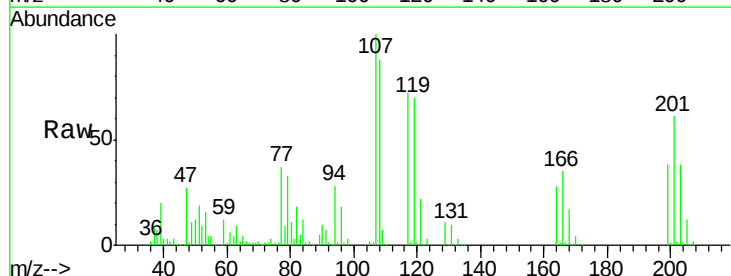
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

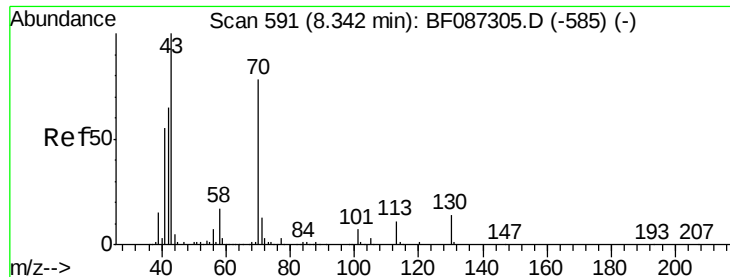
Tgt Ion:107 Resp: 257887
Ion Ratio Lower Upper
107 100
108 111.7 93.7 140.5
77 59.5 33.4 50.0#
79 56.6 34.3 51.5#



#18
Hexachloroethane
Concen: 39.16 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion:117 Resp: 125163
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
201 85.2 63.0 94.6

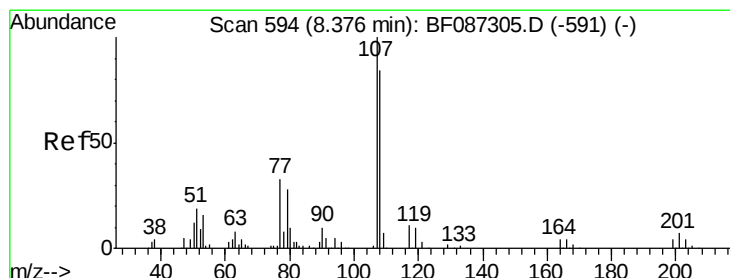
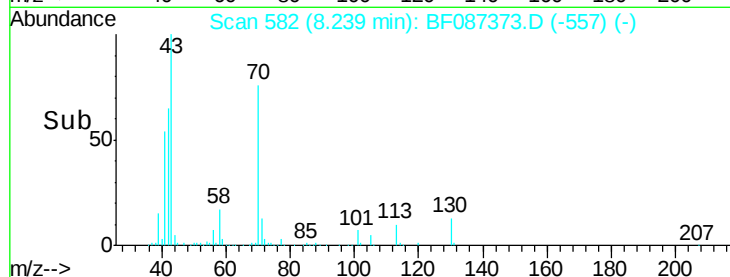
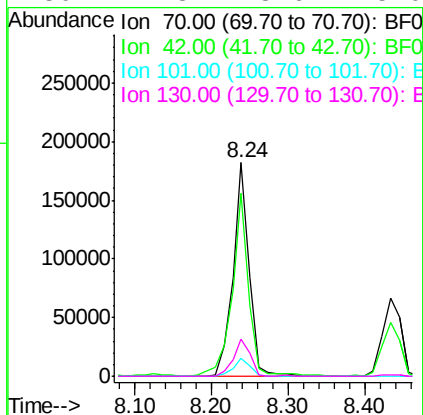
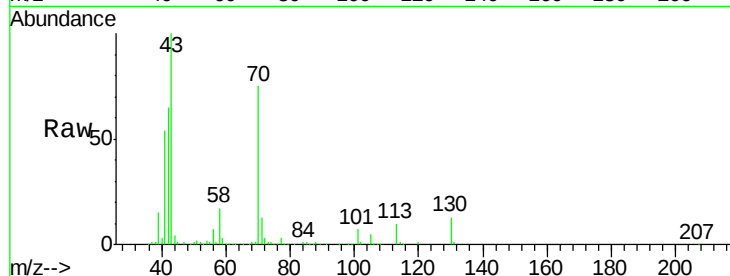




#19
n-Nitroso-di-n-propylamine
Concen: 43.93 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

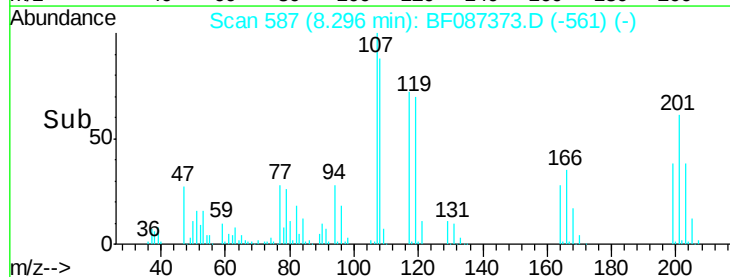
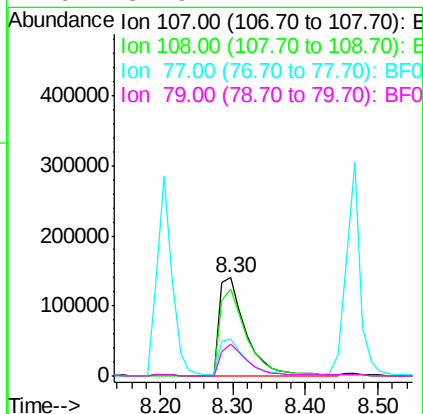
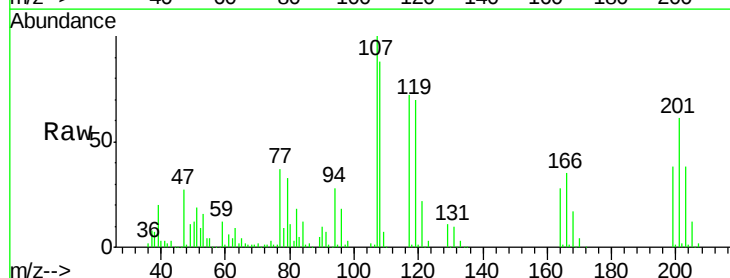
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

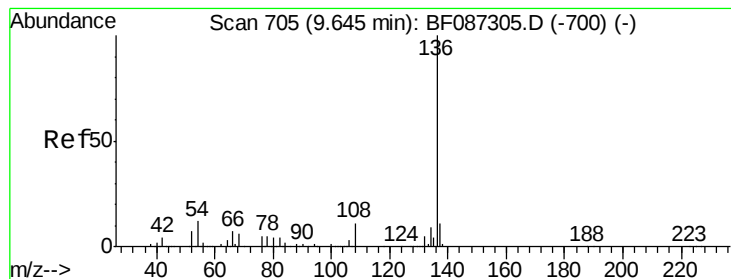
Tgt Ion	Ratio	Lower	Upper
70	100		
42	85.9	43.1	64.7#
101	8.7	8.1	12.1
130	17.3	18.6	28.0#



#20
3+4-Methylphenols
Concen: 47.98 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.5	108.5
77	37.3	101.6	141.6#
79	32.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

Tgt Ion:136 Resp: 444359

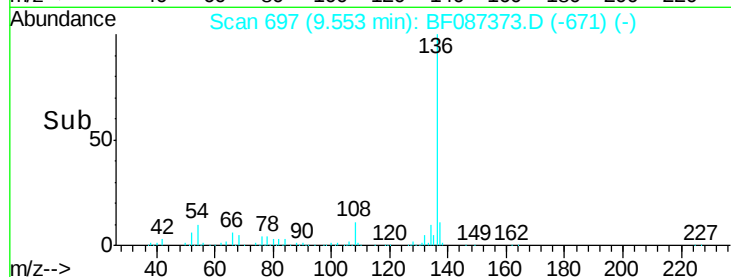
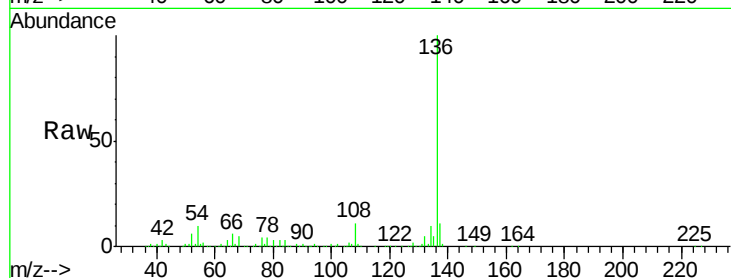
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.4 5.0 7.4#

68 5.0 4.4 6.6



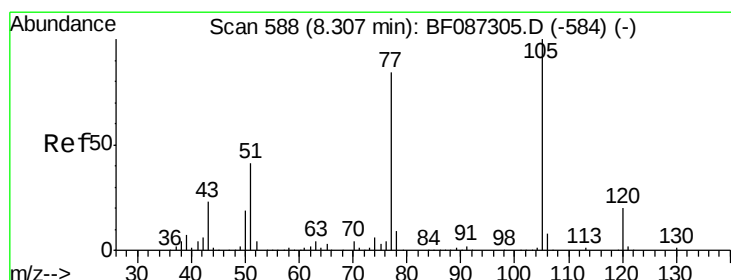
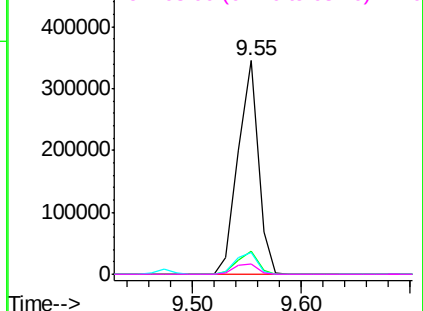
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.09 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:105 Resp: 499937

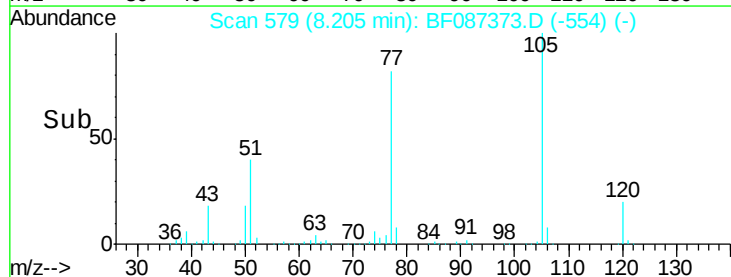
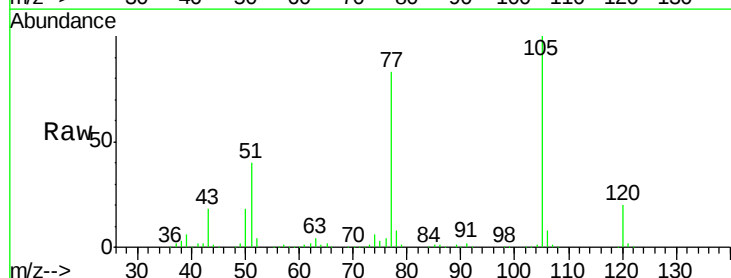
Ion Ratio Lower Upper

105 100

71 0.4 4.8 7.2#

51 40.5 32.6 49.0

120 19.9 16.5 24.7



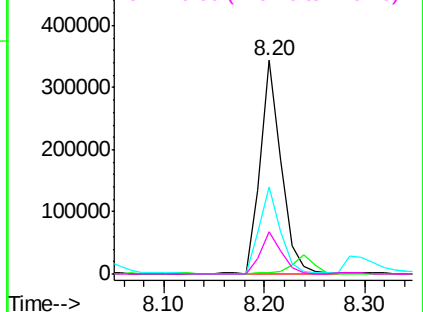
Abundance

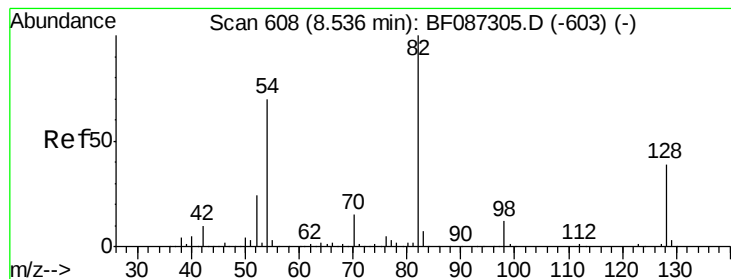
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.62 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

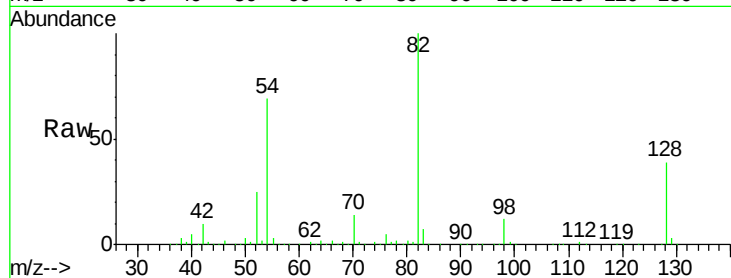
Tgt Ion: 82 Resp: 772579

Ion Ratio Lower Upper

82 100

128 38.5 40.6 61.0#

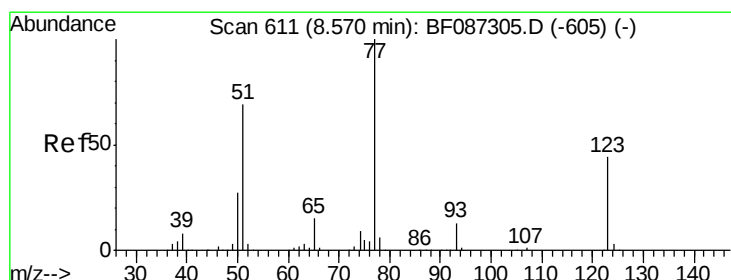
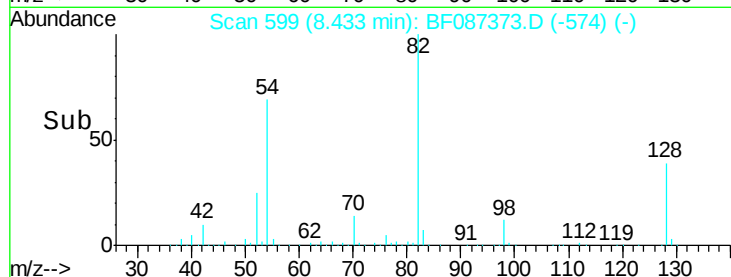
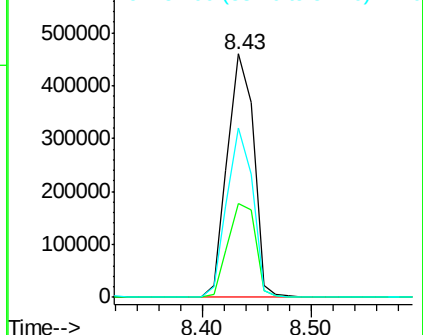
54 69.4 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.00 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

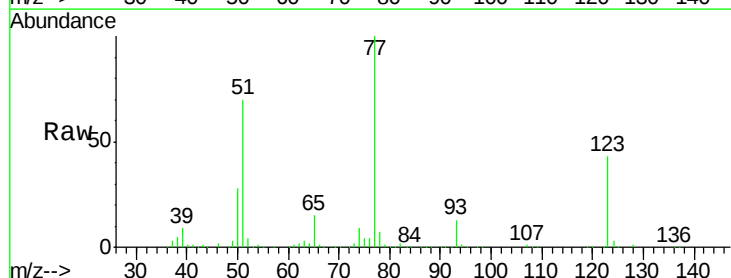
Tgt Ion: 77 Resp: 409487

Ion Ratio Lower Upper

77 100

123 42.9 33.0 49.4

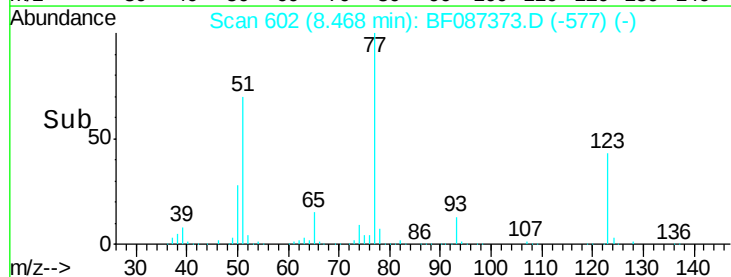
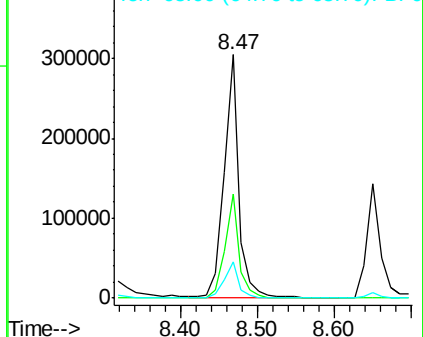
65 15.1 10.8 16.2

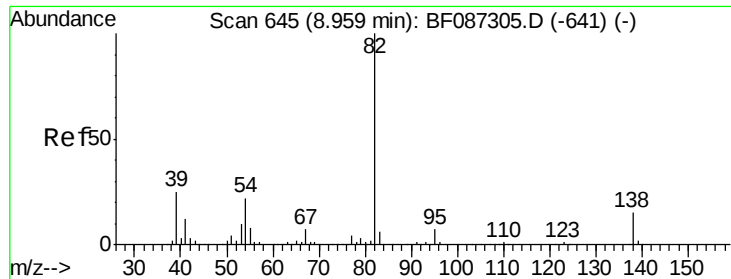


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.47 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

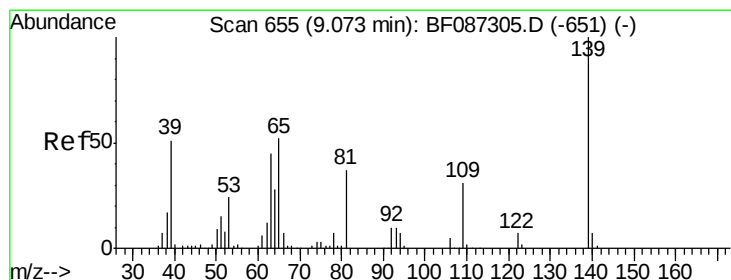
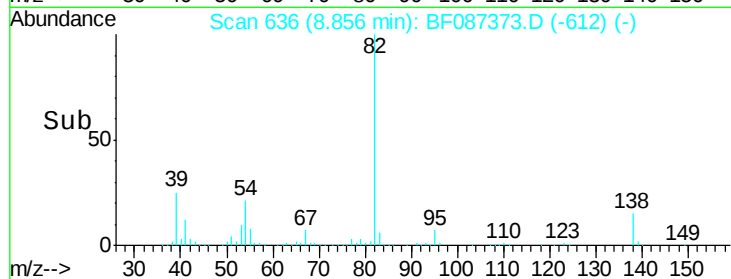
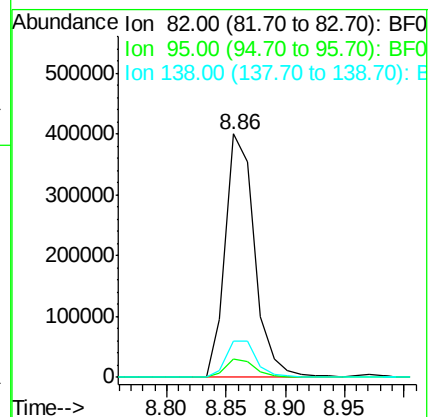
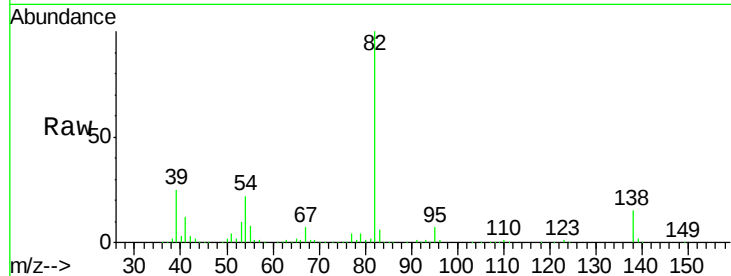
Tgt Ion: 82 Resp: 687457

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 14.6 12.4 18.6



#26

2-Nitrophenol

Concen: 45.88 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

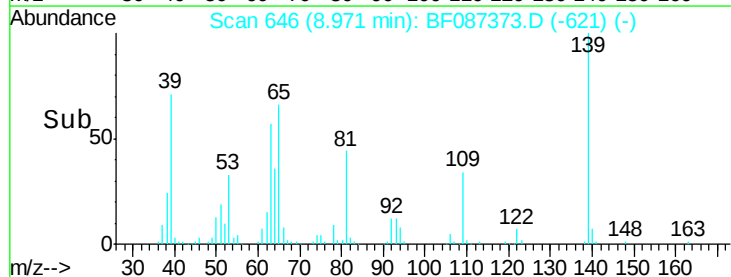
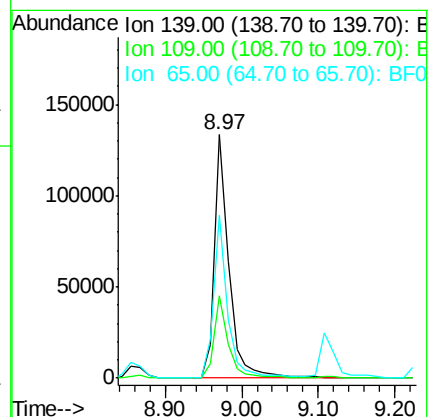
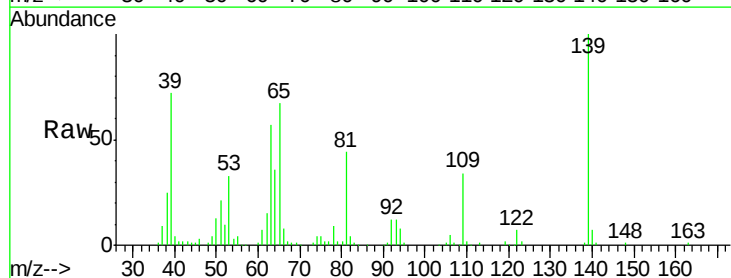
Tgt Ion: 139 Resp: 174537

Ion Ratio Lower Upper

139 100

109 33.9 19.5 29.3#

65 66.8 37.5 56.3#

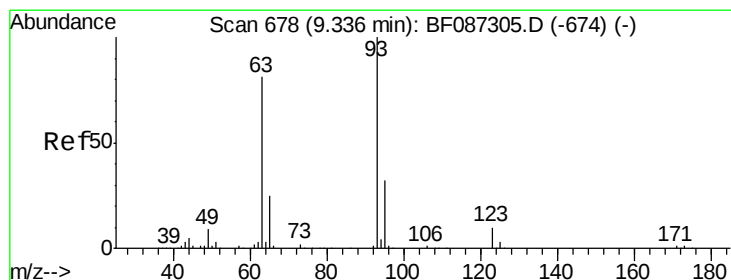
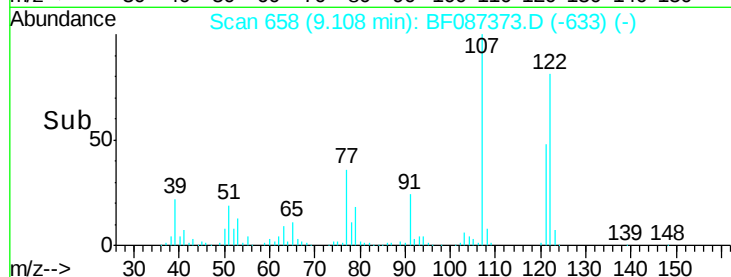
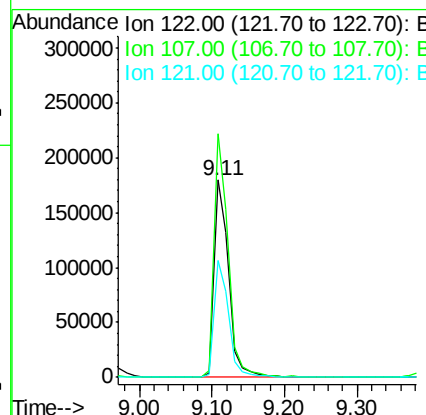
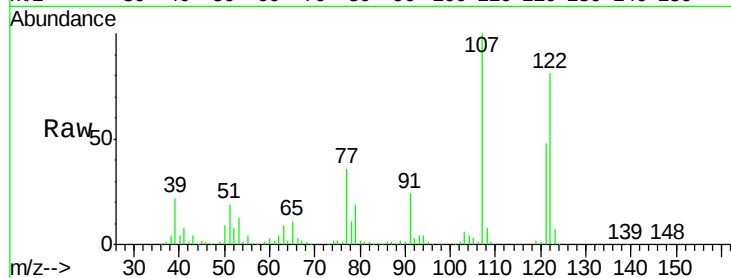




#27
 2,4-Dimethylphenol
 Concen: 37.42 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

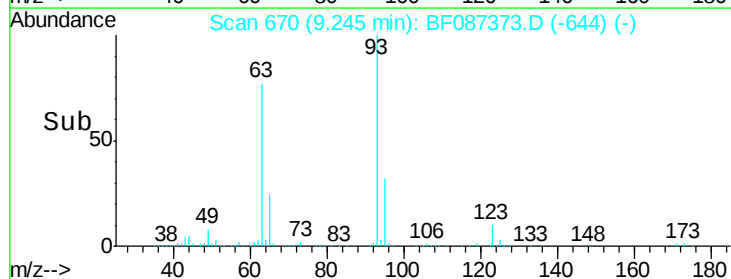
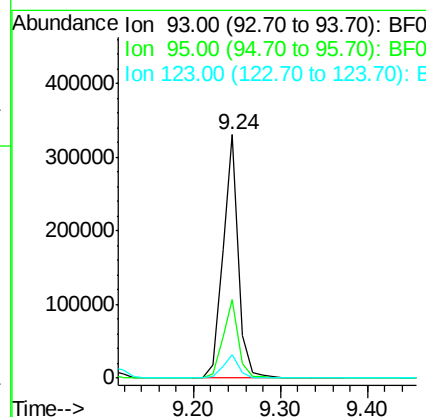
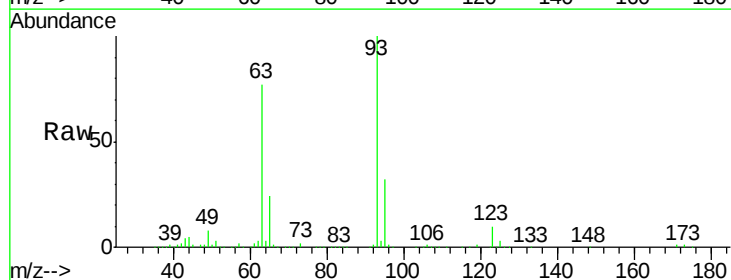
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

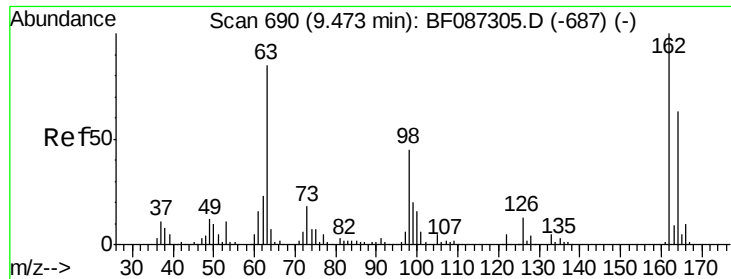
Tgt Ion:122 Resp: 247136
 Ion Ratio Lower Upper
 122 100
 107 123.5 82.0 123.0#
 121 59.6 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.17 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion: 93 Resp: 411209
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 9.9 9.5 14.3

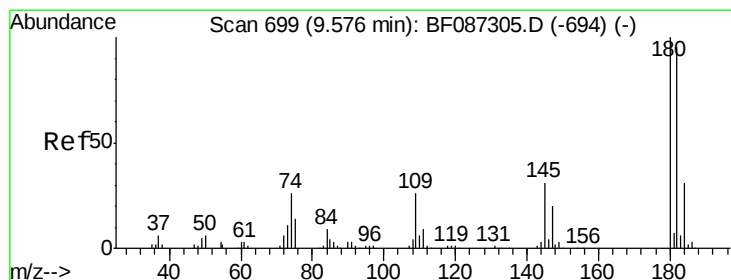
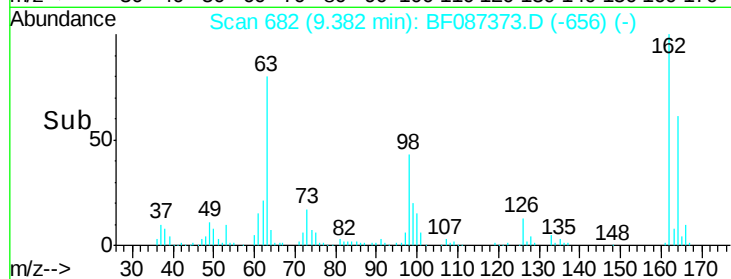
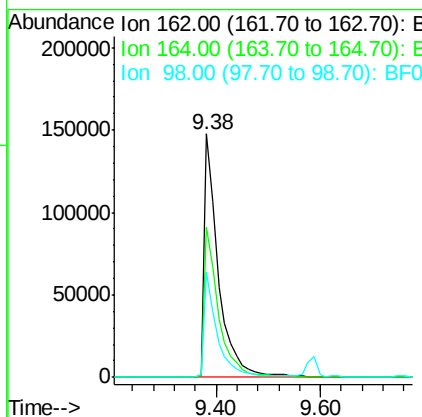
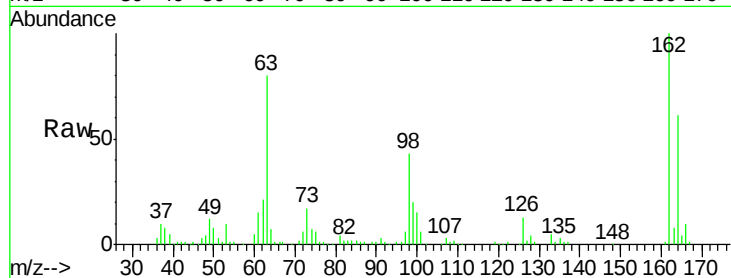




#29
 2,4-Dichlorophenol
 Concen: 46.81 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

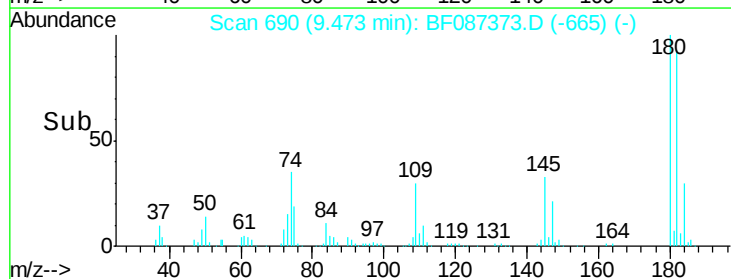
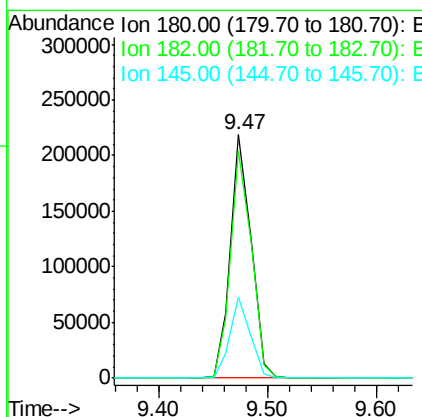
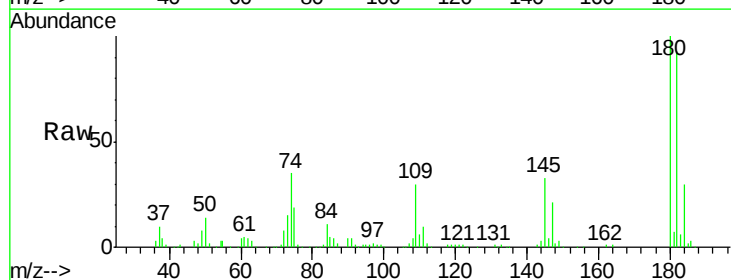
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

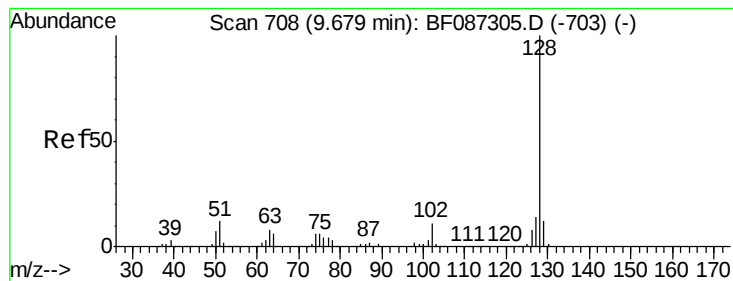
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.2	82.2
98	43.5	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.17 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	78.0	117.0
145	33.2	24.2	36.2





#31

Naphthalene

Concen: 46.49 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

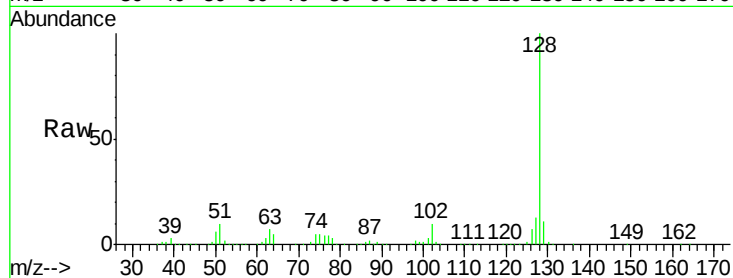
Tgt Ion:128 Resp: 1035160

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

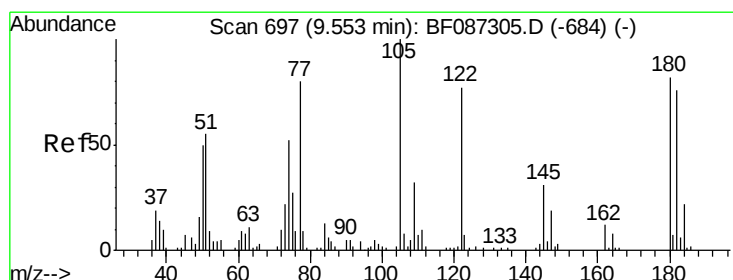
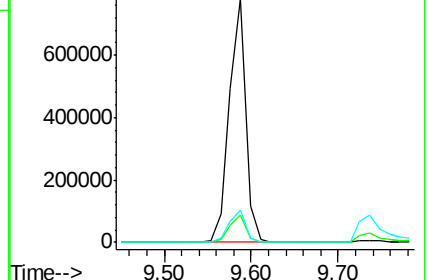
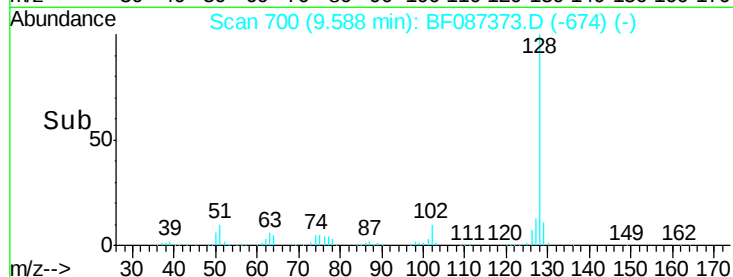
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.53 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

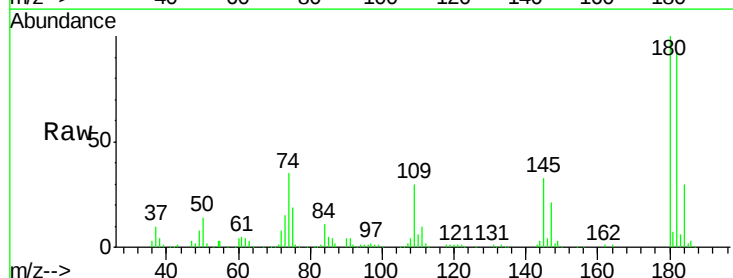
Tgt Ion:122 Resp: 2734

Ion Ratio Lower Upper

122 100

105 47.3 92.6 132.6#

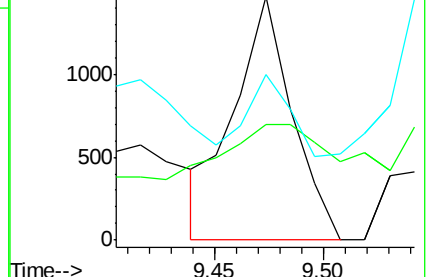
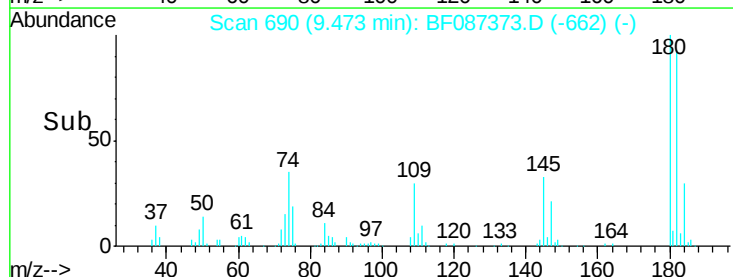
77 68.2 60.0 100.0

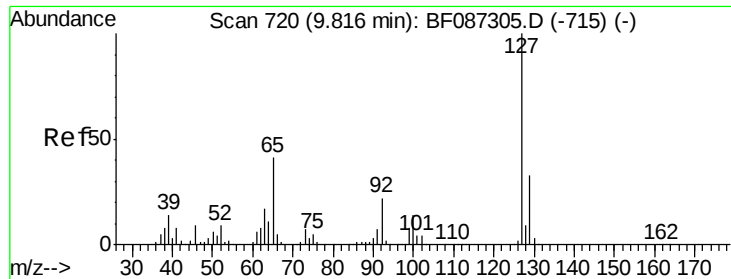


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

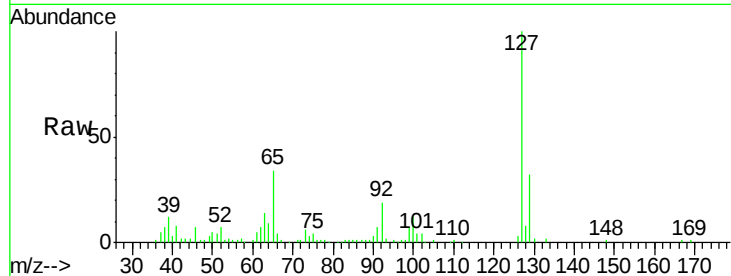




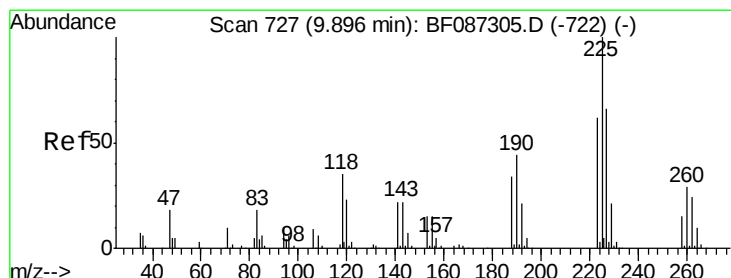
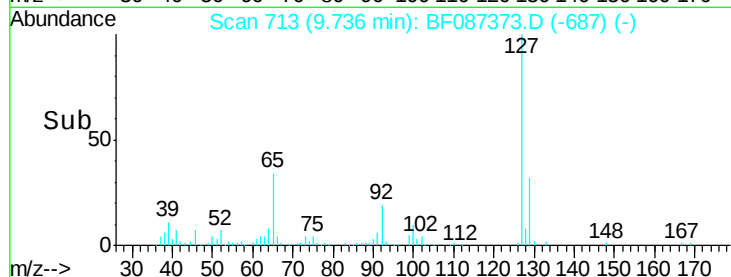
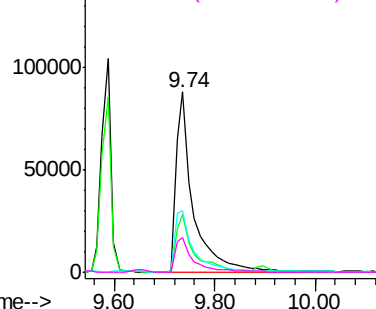
#33
4-Chloroaniline
Concen: 25.33 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tgt Ion:	127	Resp:	207727
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	34.2	23.0	34.4
92	19.4	15.1	22.7

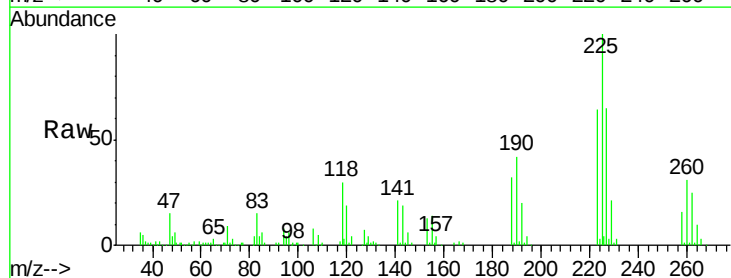


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

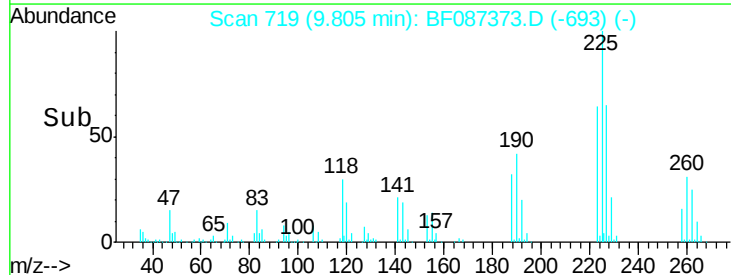
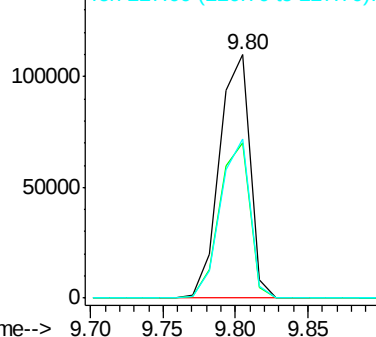


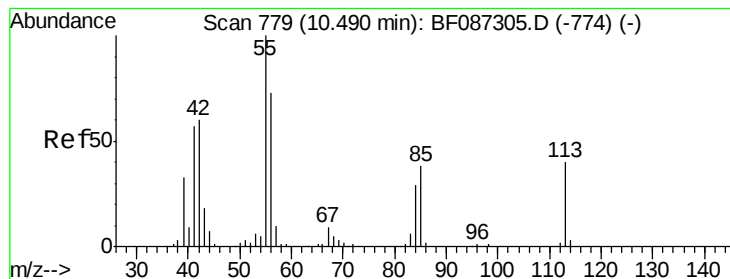
#34
Hexachlorobutadiene
Concen: 38.75 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion:	225	Resp:	160495
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.5	77.3
227	65.3	52.2	78.2



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





#35

Caprolactam

Concen: 15.40 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

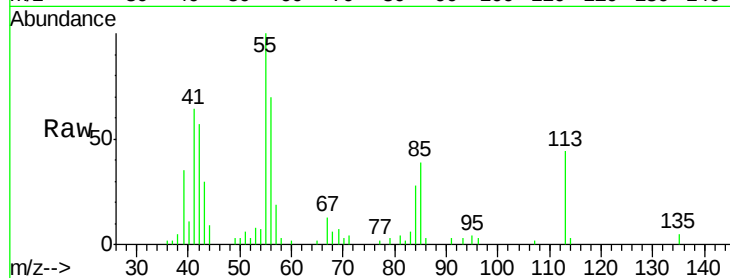
Tgt Ion:113 Resp: 26743

Ion Ratio Lower Upper

113 100

55 226.7 162.0 202.0#

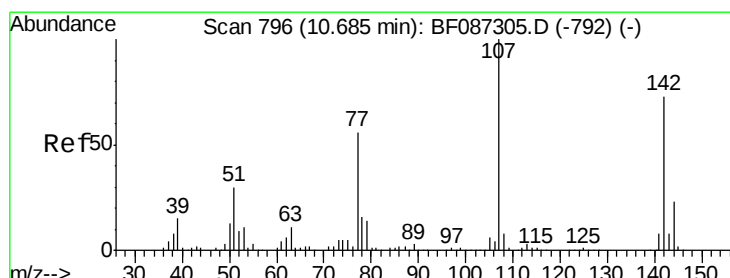
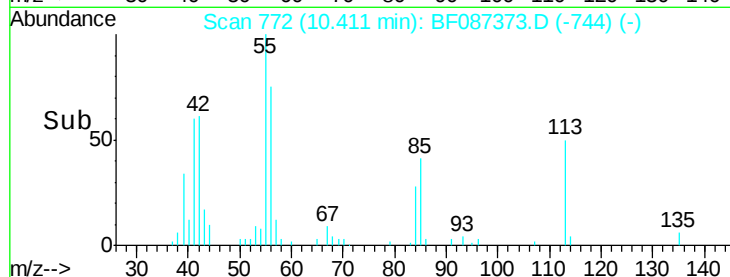
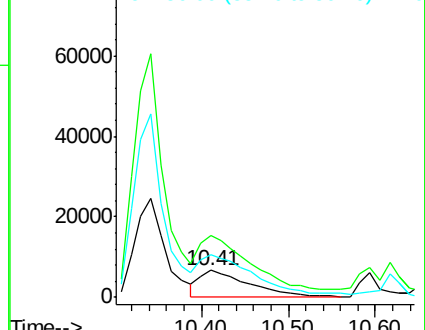
56 158.2 115.3 155.3#



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: 46.20 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

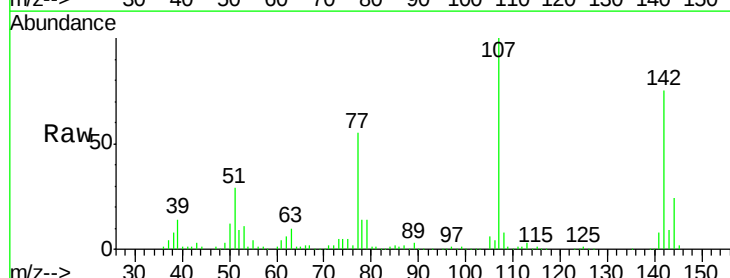
Tgt Ion:107 Resp: 310896

Ion Ratio Lower Upper

107 100

144 23.5 20.7 31.1

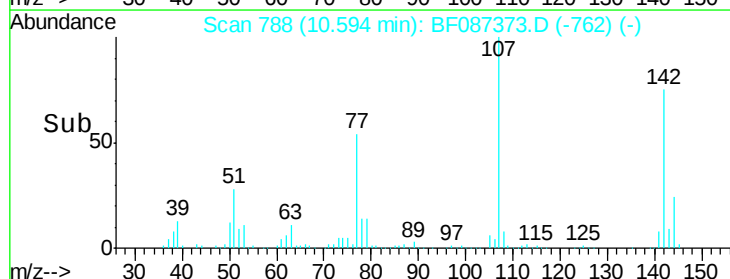
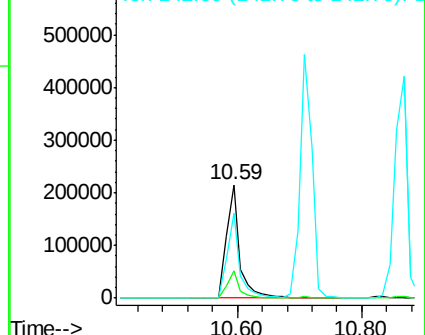
142 75.1 63.2 94.8

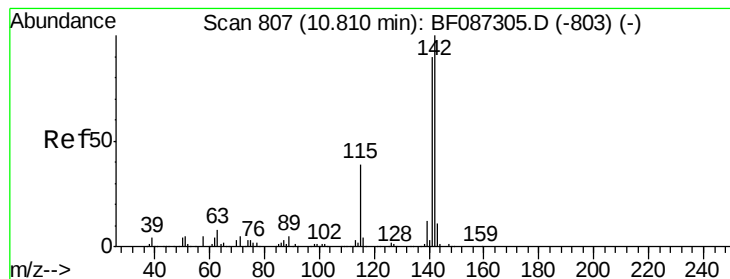


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.07 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.15 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

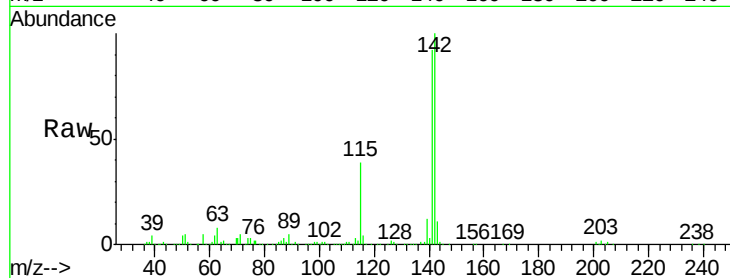
Tgt Ion:142 Resp: 585157

Ion Ratio Lower Upper

142 100

141 92.0 71.0 106.6

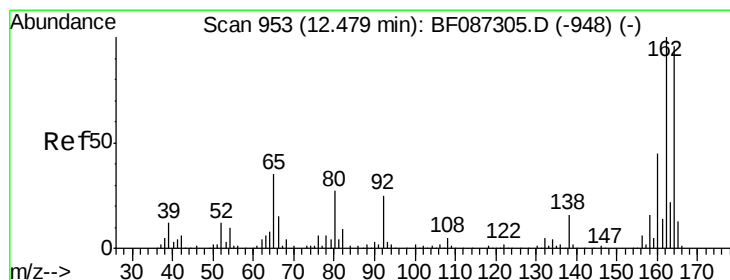
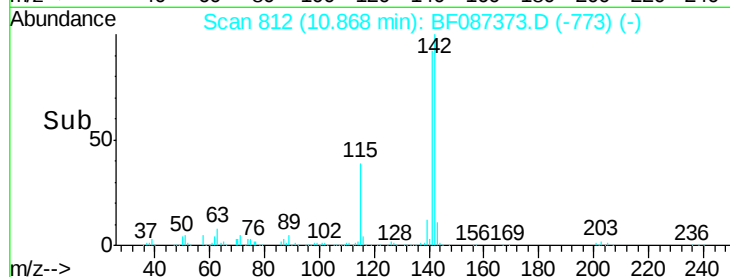
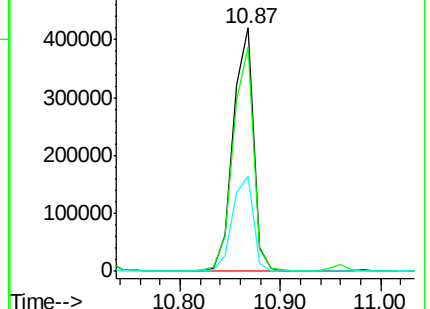
115 39.0 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

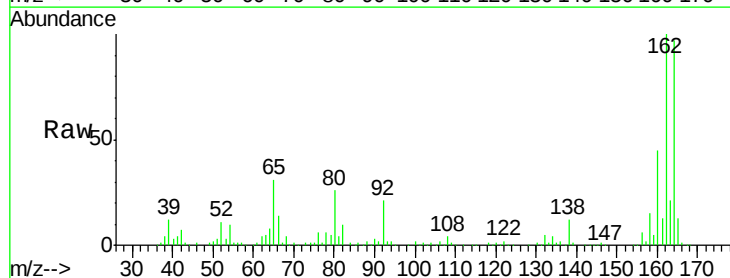
Tgt Ion:164 Resp: 197160

Ion Ratio Lower Upper

164 100

162 103.3 82.8 124.2

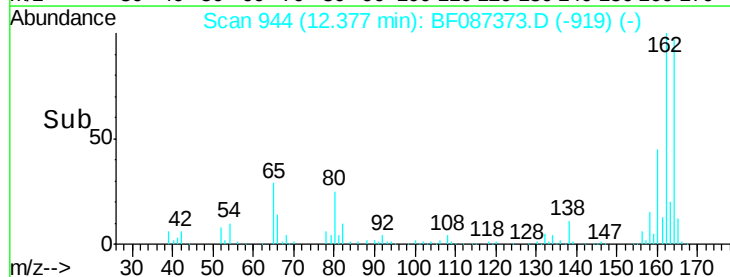
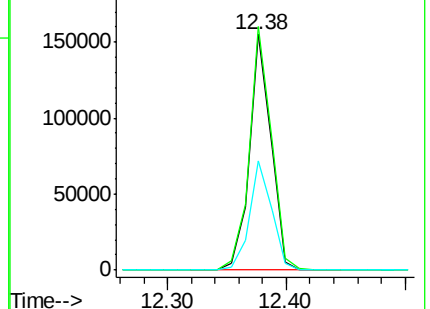
160 46.3 36.9 55.3

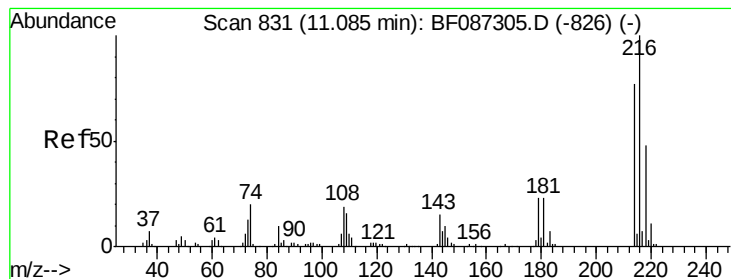


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.92 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

Tgt Ion:216 Resp: 258248

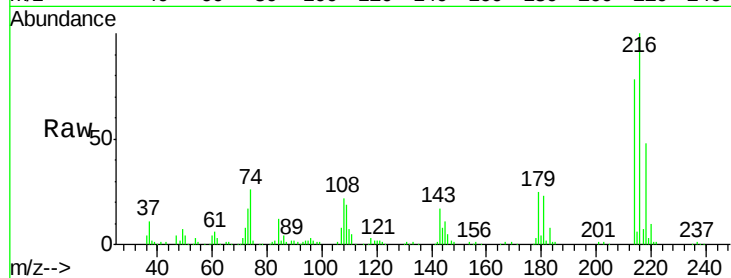
Ion Ratio Lower Upper

216 100

214 78.4 62.6 93.8

179 23.8 18.2 27.4

108 22.6 17.5 26.3

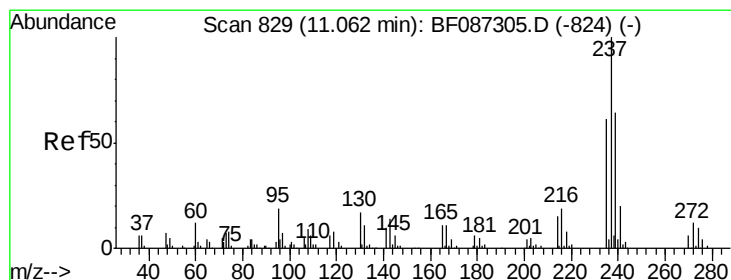
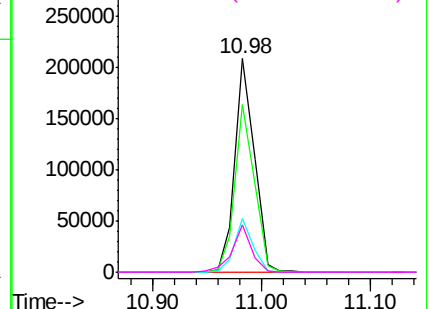
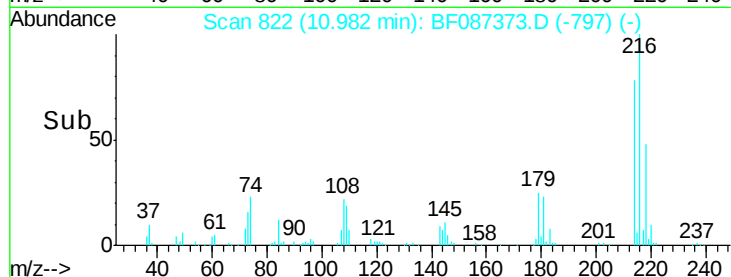


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.74 ng

RT: 10.96 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

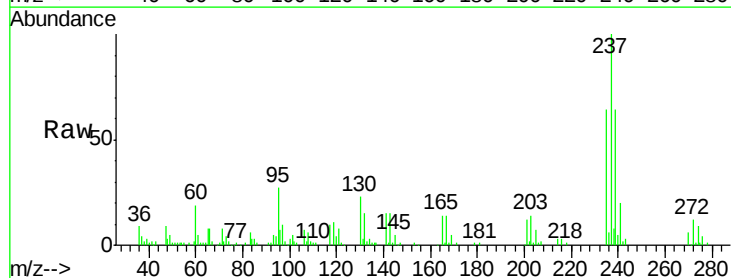
Tgt Ion:237 Resp: 95082

Ion Ratio Lower Upper

237 100

235 63.8 47.2 87.2

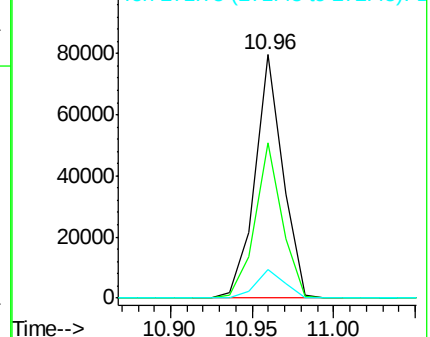
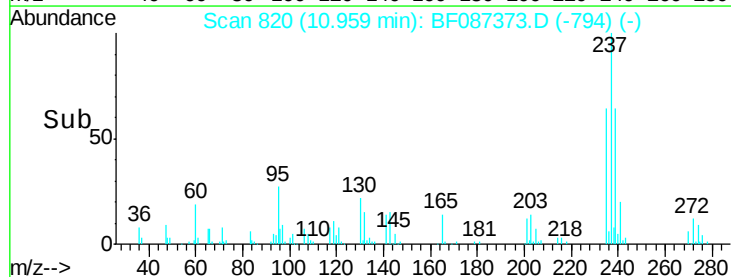
272 11.6 0.0 31.1

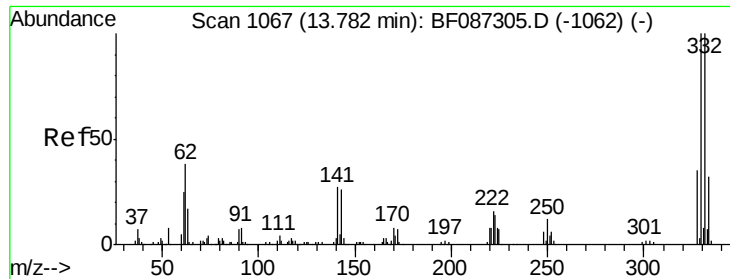


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

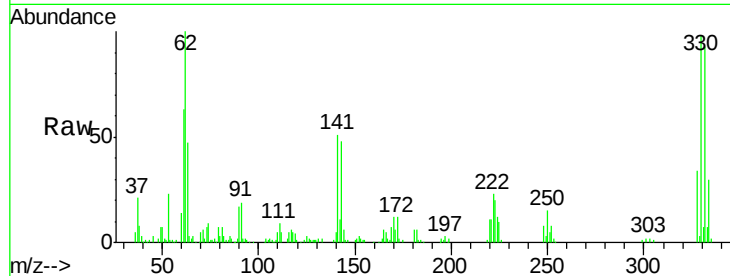




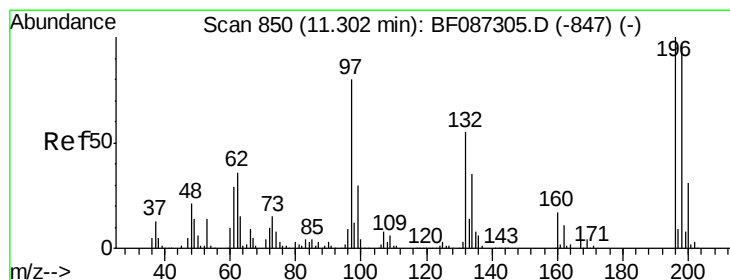
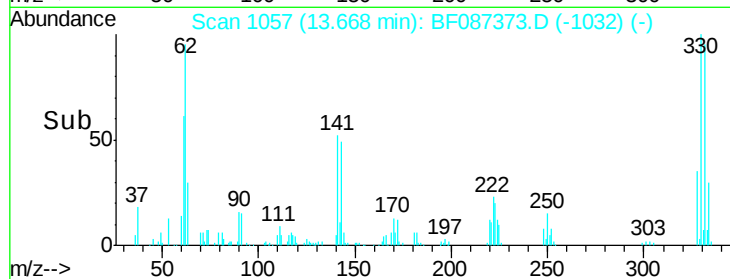
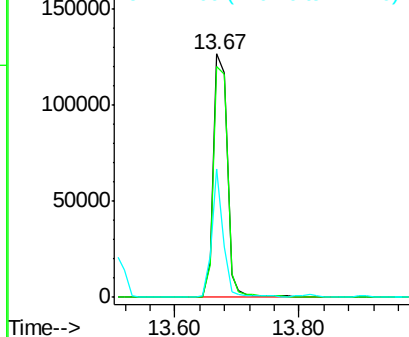
#41
 2,4,6-Tribromophenol
 Concen: 103.50 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	43.7	31.2	46.8

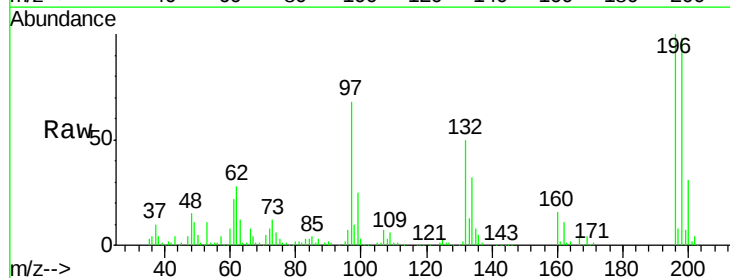


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

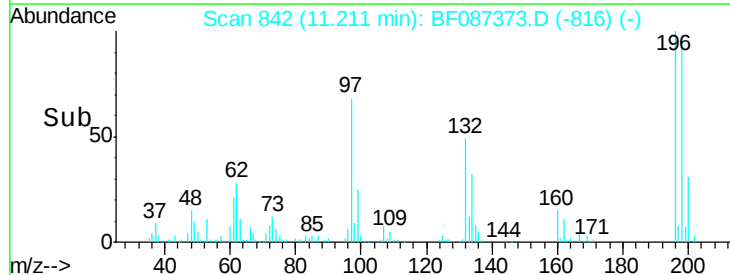
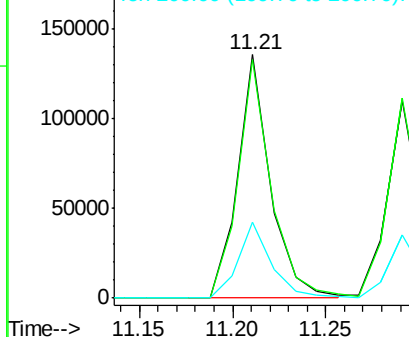


#42
 2,4,6-Trichlorophenol
 Concen: 45.64 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.7	112.1
200	30.9	23.8	35.6



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

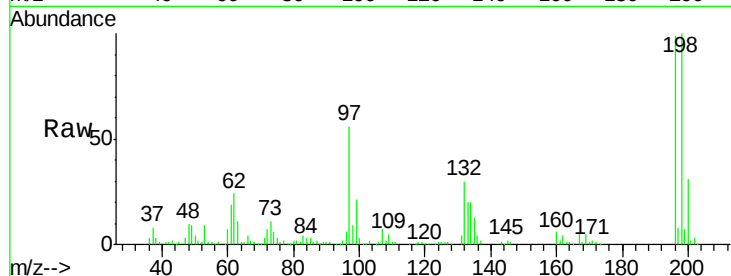




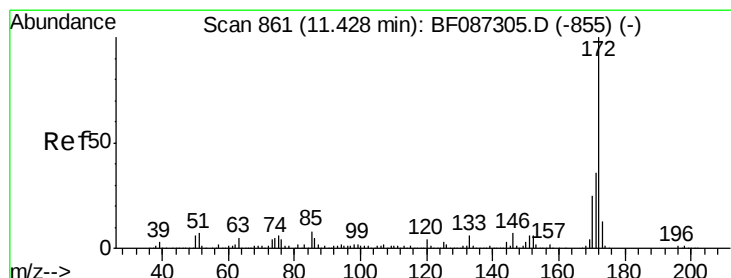
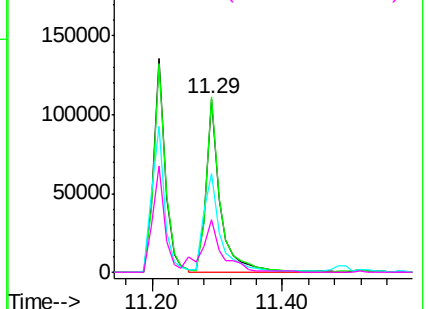
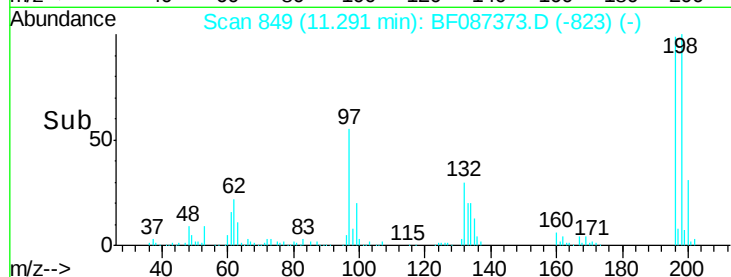
#43
 2,4,5-Trichlorophenol
 Concen: 44.98 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tgt Ion:196 Resp: 166876
 Ion Ratio Lower Upper
 196 100
 198 101.2 77.5 116.3
 97 57.1 34.8 52.2#
 132 30.4 23.0 34.4

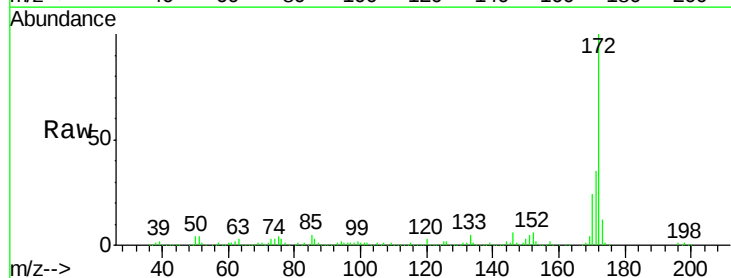


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

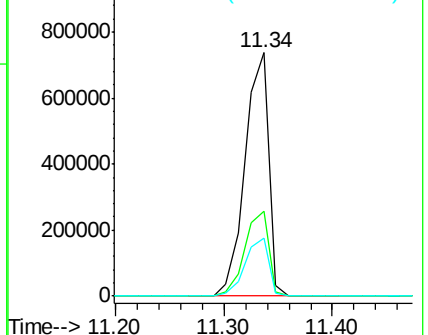
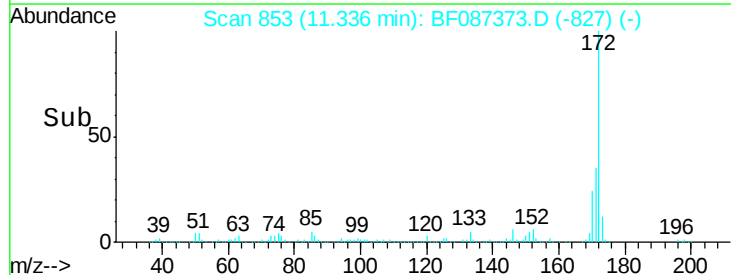


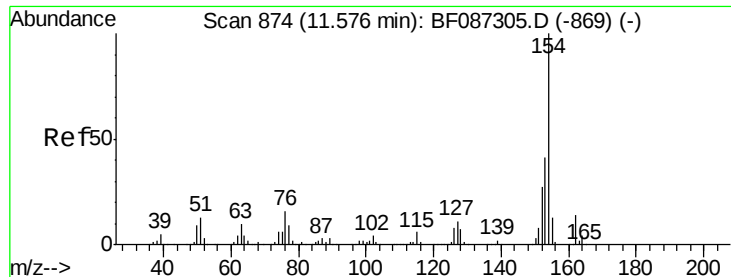
#44
 2-Fluorobiphenyl
 Concen: 79.60 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion:172 Resp: 1113236
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.6
 170 23.9 19.8 29.8



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

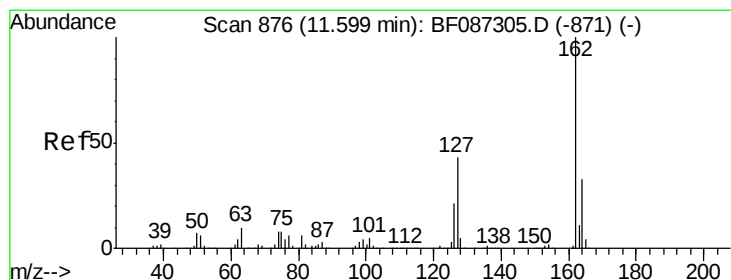
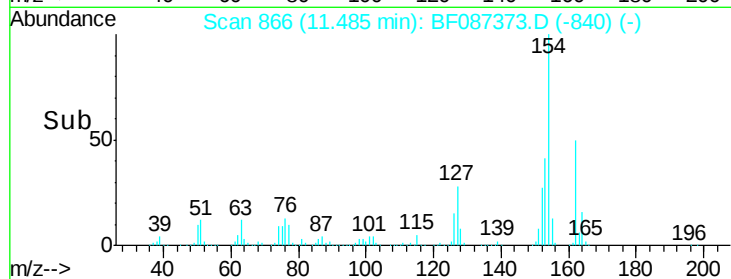
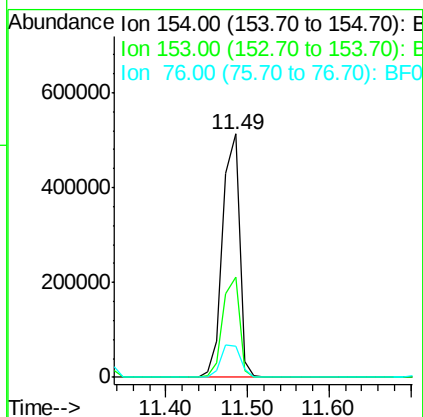
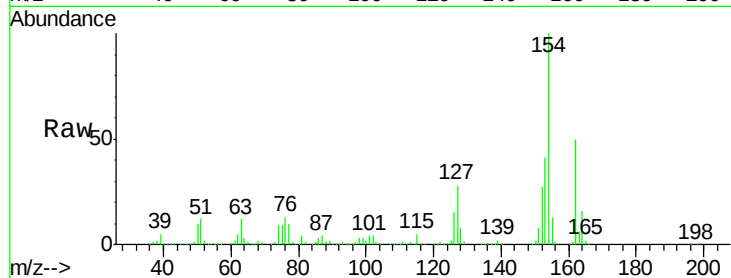




#45
 1,1'-Biphenyl
 Concen: 44.29 ng
 RT: 11.49 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

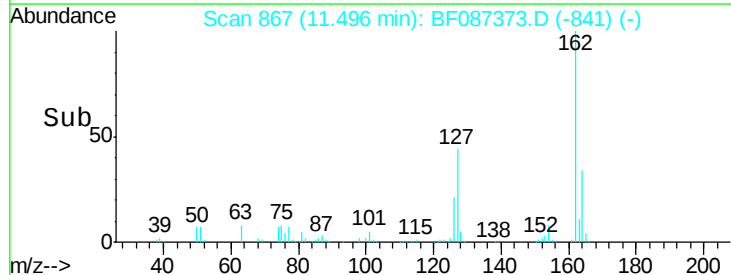
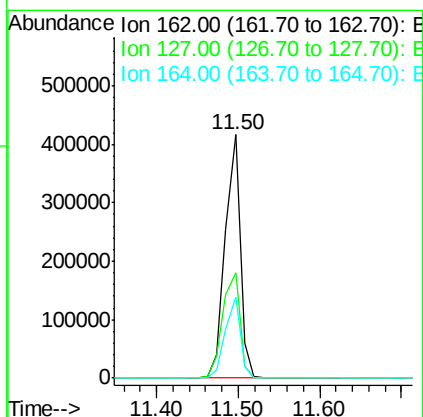
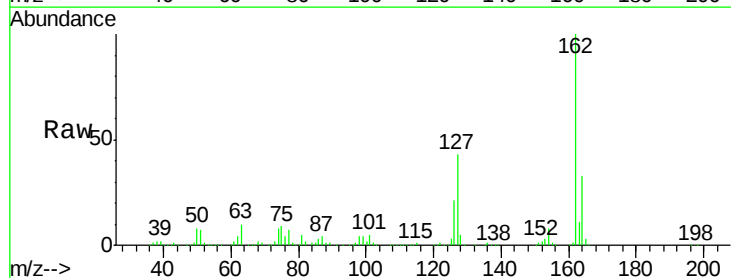
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

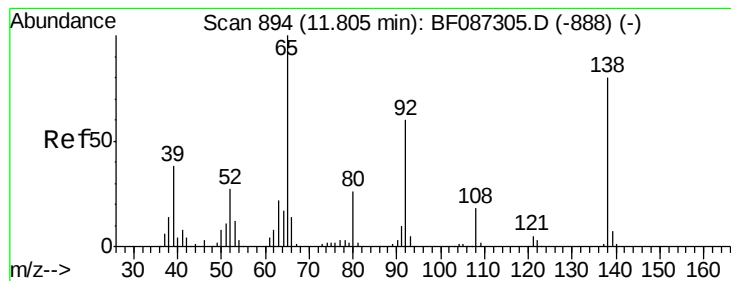
Tgt Ion:154 Resp: 735270
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.3 60.3
 76 12.8 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 42.34 ng
 RT: 11.50 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion:162 Resp: 537698
 Ion Ratio Lower Upper
 162 100
 127 43.3 31.8 47.6
 164 33.4 27.0 40.6





#47

2-Nitroaniline

Concen: 49.58 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

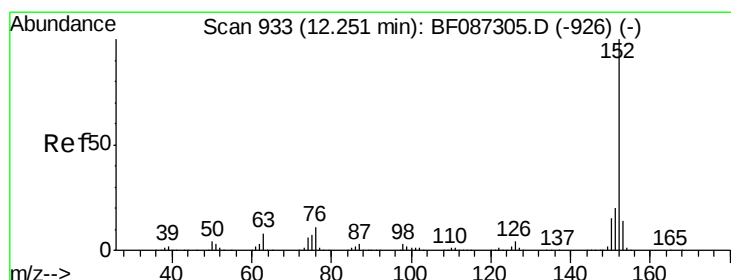
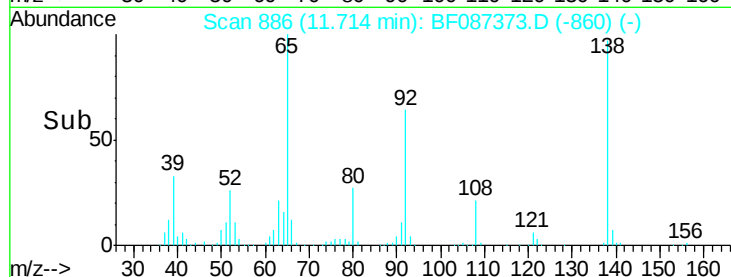
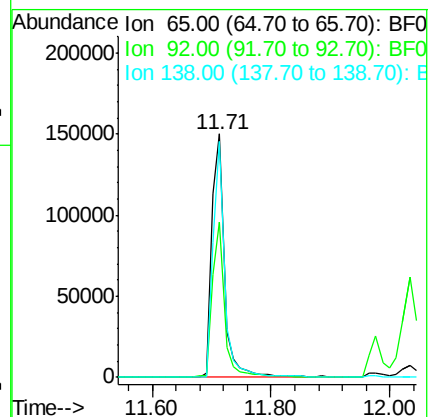
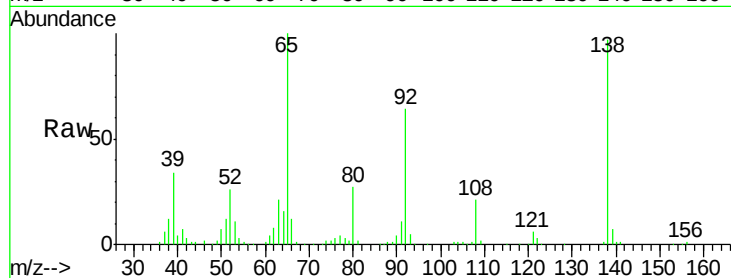
Tgt Ion: 65 Resp: 226847

Ion Ratio Lower Upper

65 100

92 63.8 57.4 86.2

138 97.0 90.1 135.1



#48

Acenaphthylene

Concen: 42.34 ng

RT: 12.15 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

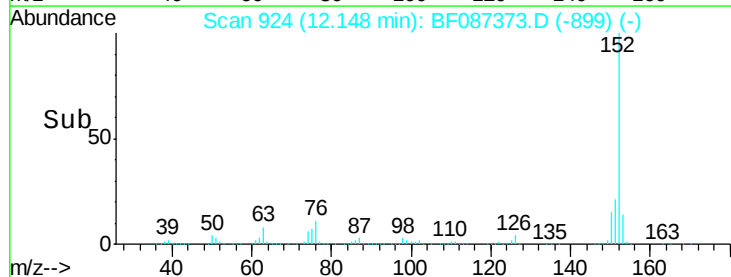
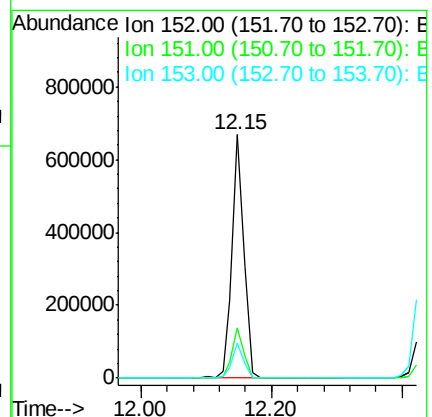
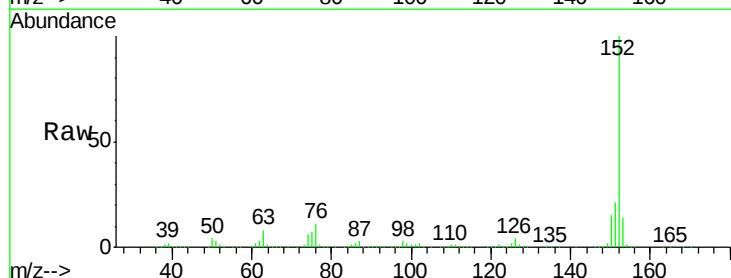
Tgt Ion: 152 Resp: 851312

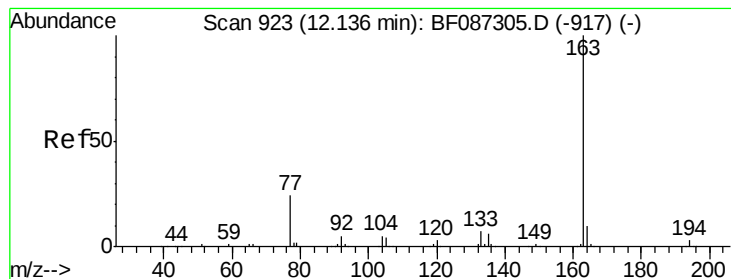
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 14.2 10.9 16.3





#49

Dimethylphthalate

Concen: 60.07 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

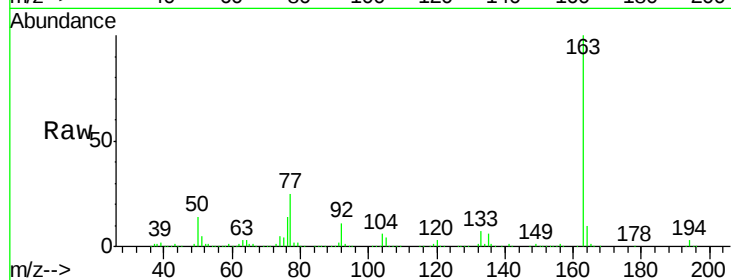
Tgt Ion:163 Resp: 948673

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

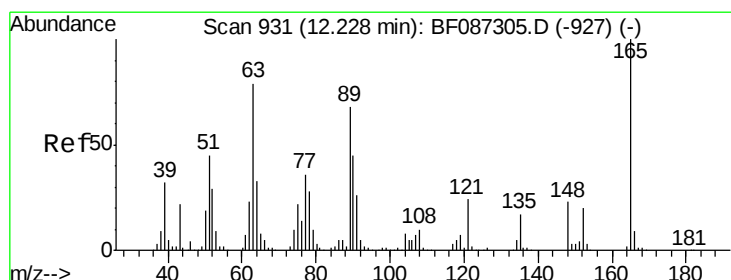
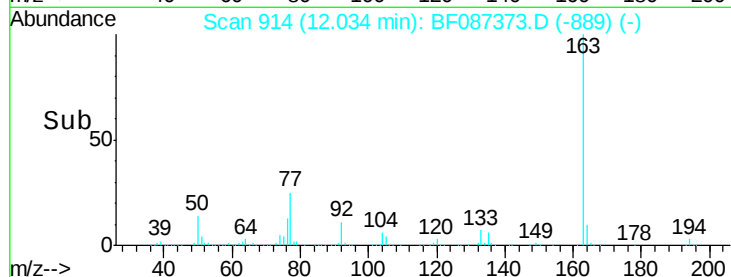
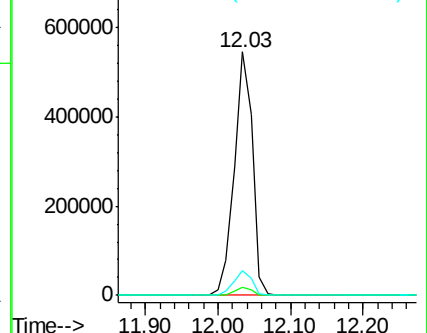
164 10.3 8.2 12.4



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: 44.11 ng

RT: 12.13 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

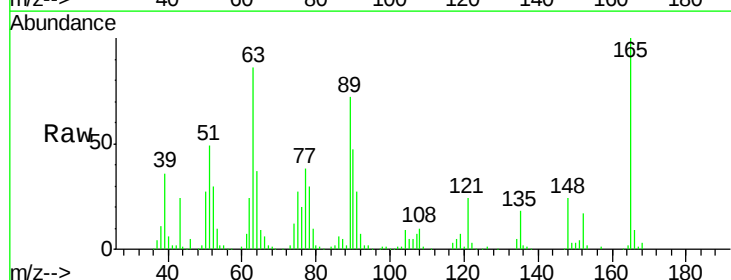
Tgt Ion:165 Resp: 140364

Ion Ratio Lower Upper

165 100

63 85.9 51.8 77.8#

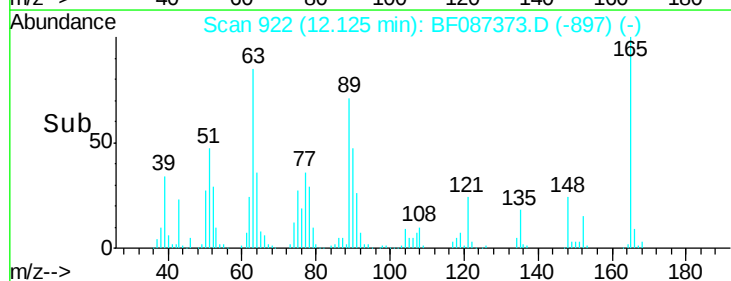
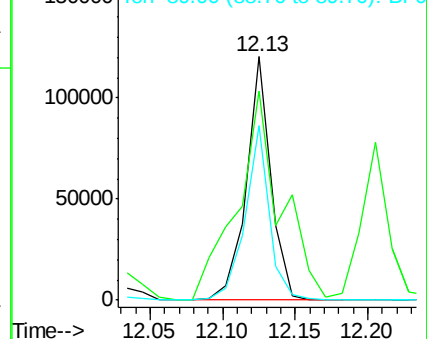
89 71.5 50.7 76.1

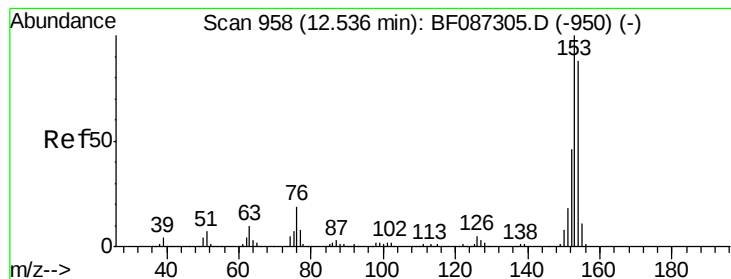


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.38 ng

RT: 12.43 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

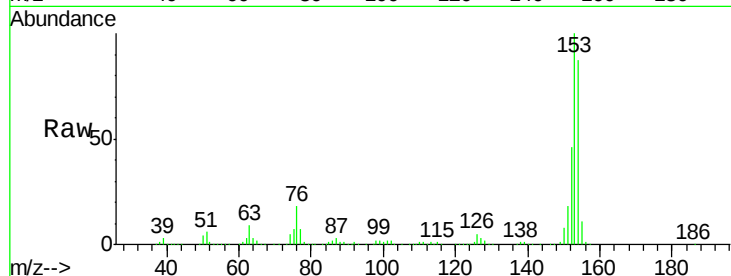
Tgt Ion:154 Resp: 548382

Ion Ratio Lower Upper

154 100

153 114.5 89.8 134.6

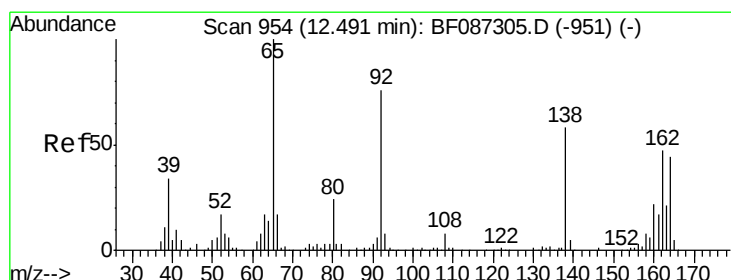
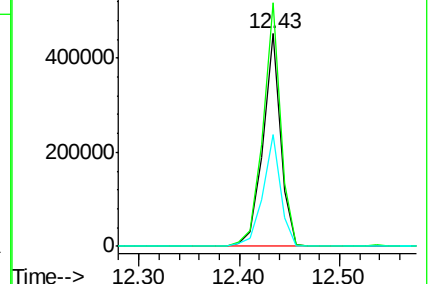
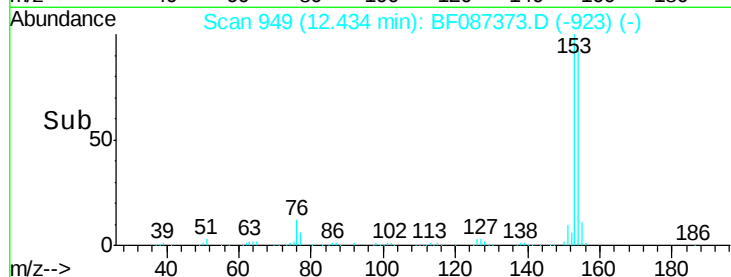
152 52.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.32 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

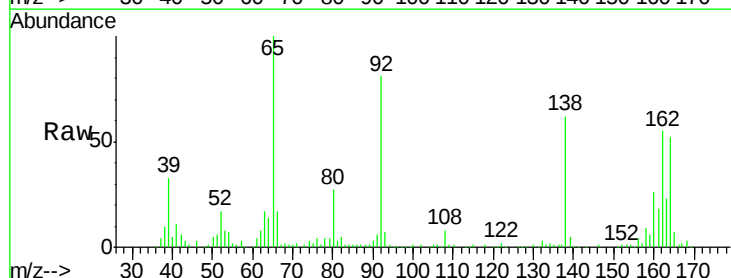
Tgt Ion:138 Resp: 125145

Ion Ratio Lower Upper

138 100

108 13.1 7.8 11.6#

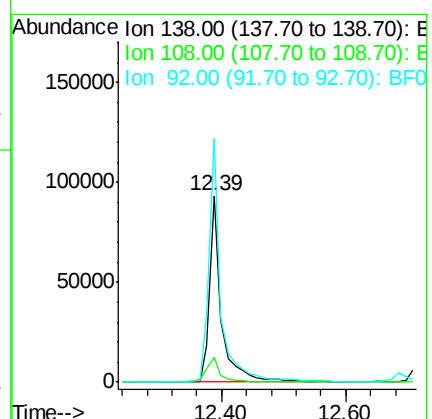
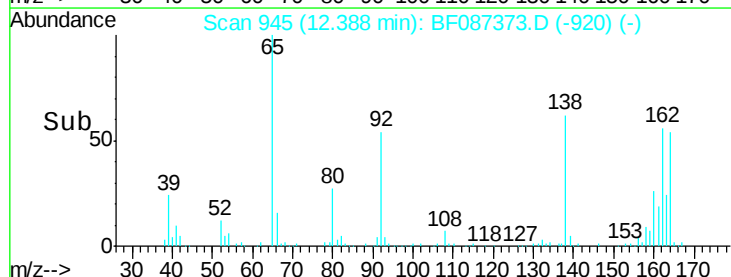
92 130.5 87.8 131.8

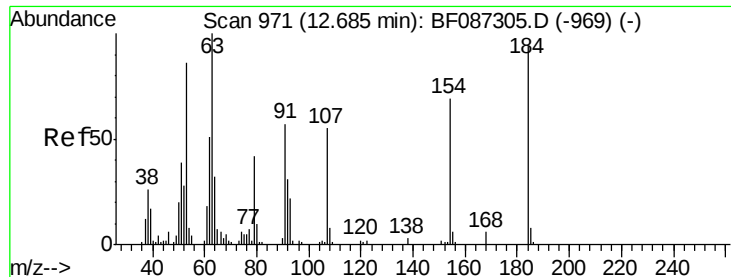


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

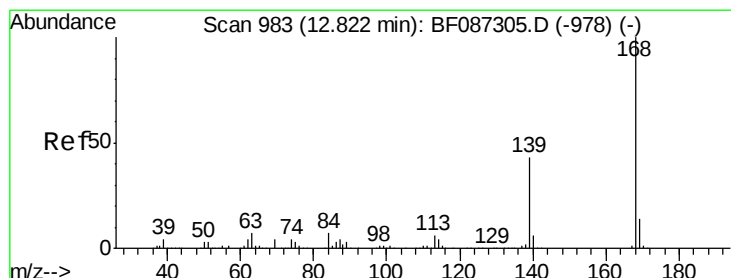
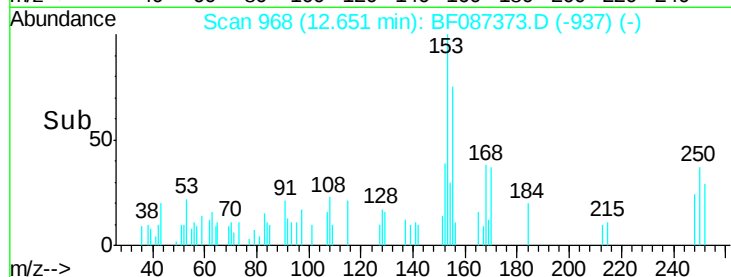
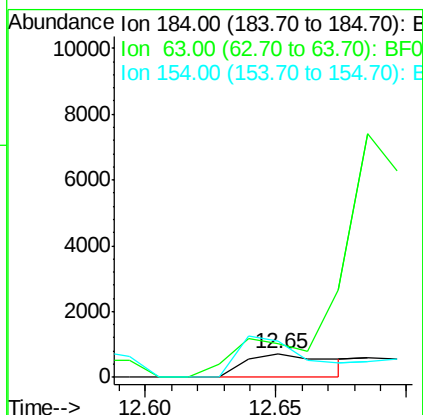
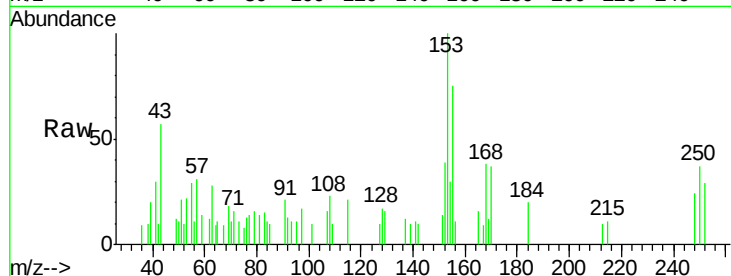




#53
 2,4-Dinitrophenol
 Concen: 7.48 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.06 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

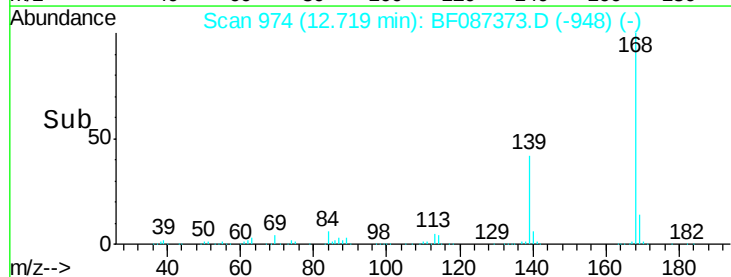
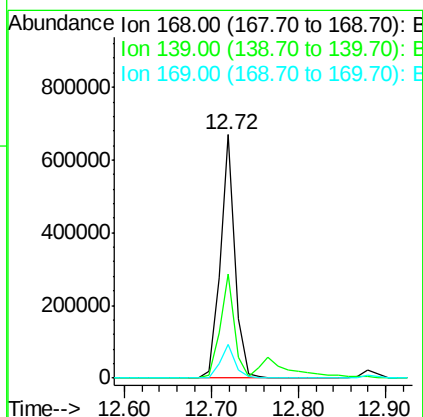
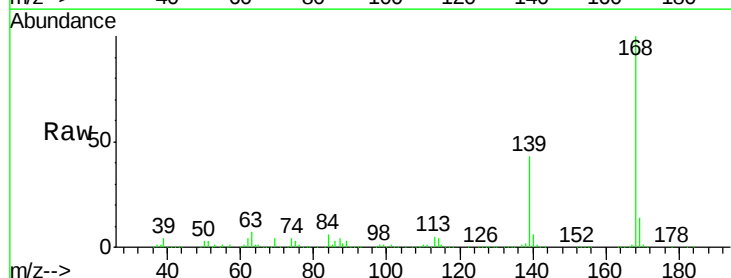
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

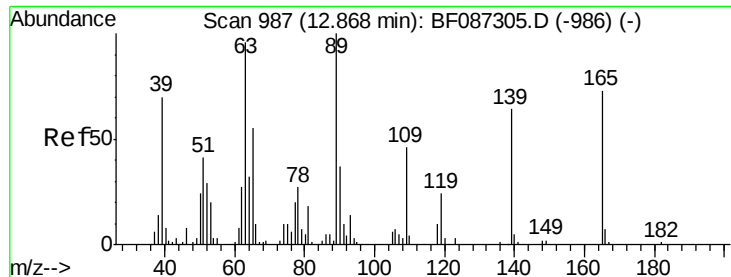
Tgt Ion:184 Resp: 1649
 Ion Ratio Lower Upper
 184 100
 63 141.8 55.8 83.8#
 154 152.9 62.4 93.6#



#54
 Dibenzofuran
 Concen: 47.39 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion:168 Resp: 792876
 Ion Ratio Lower Upper
 168 100
 139 42.7 31.4 47.0
 169 13.8 10.7 16.1

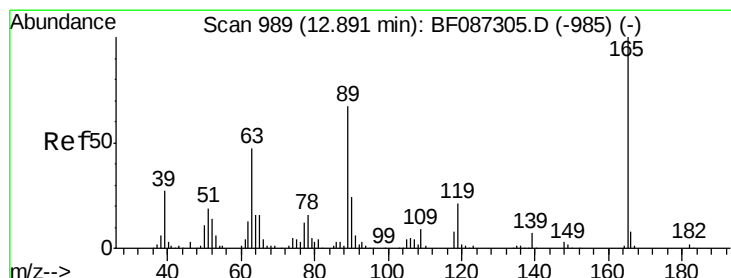
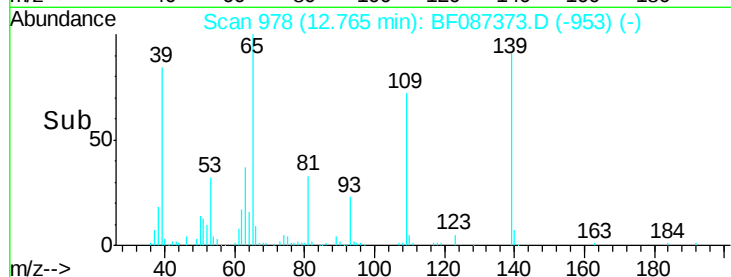
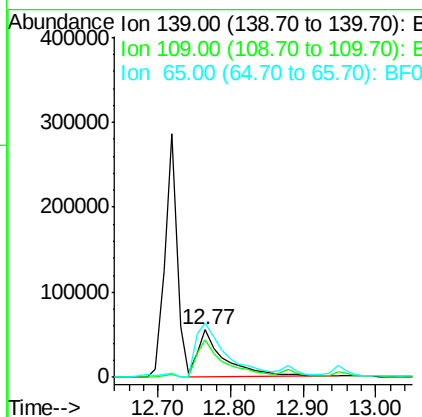
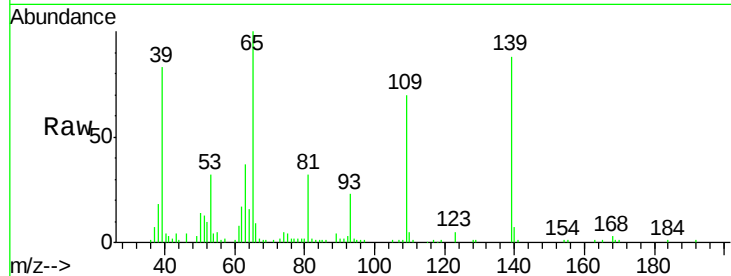




#55
4-Nitrophenol
Concen: 91.44 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

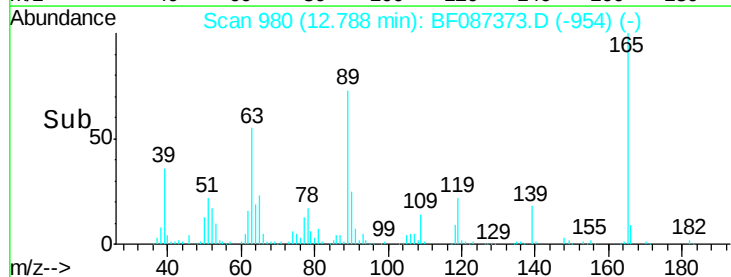
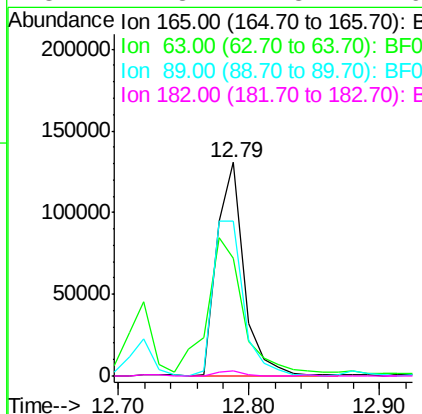
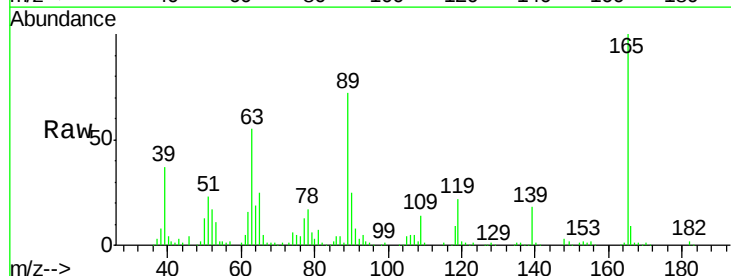
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

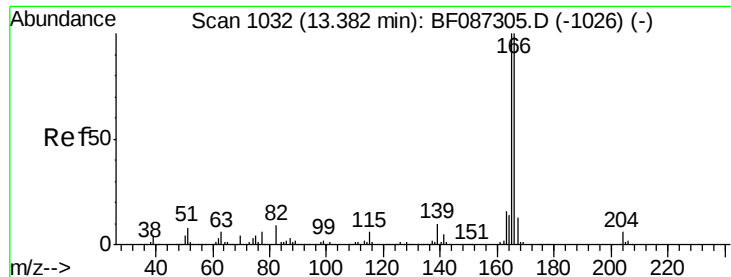
Tgt Ion:139 Resp: 142468
Ion Ratio Lower Upper
139 100
109 79.0 36.9 76.9#
65 113.6 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 44.08 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion:165 Resp: 187508
Ion Ratio Lower Upper
165 100
63 55.2 44.3 66.5
89 72.5 70.0 105.0
182 2.3 1.8 2.6

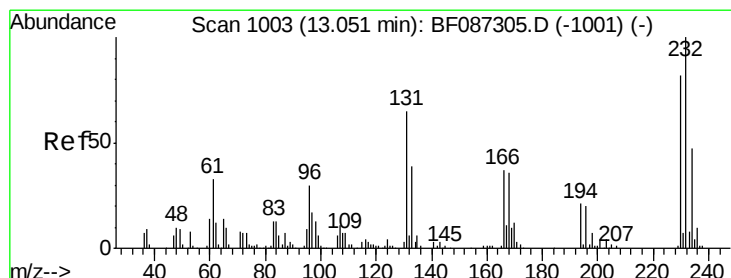
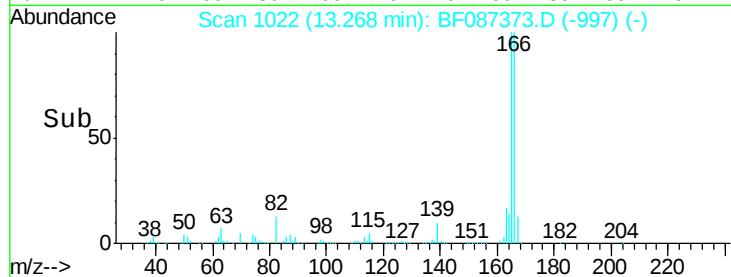
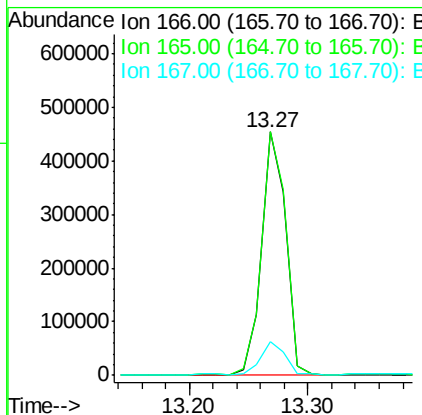
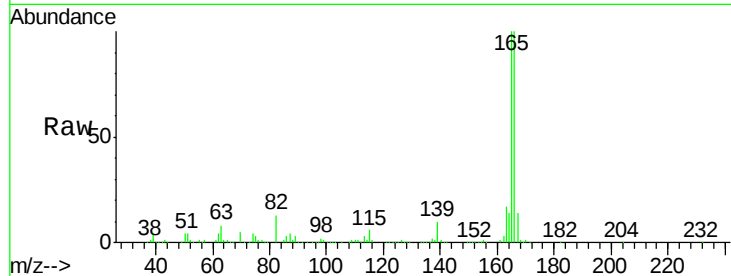




#57
 Fluorene
 Concen: 44.67 ng
 RT: 13.27 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

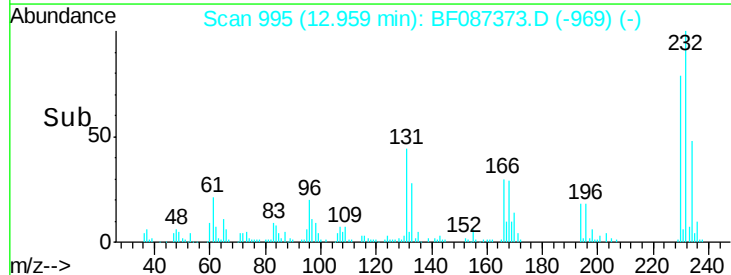
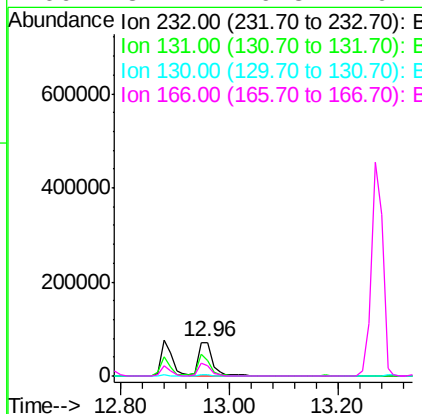
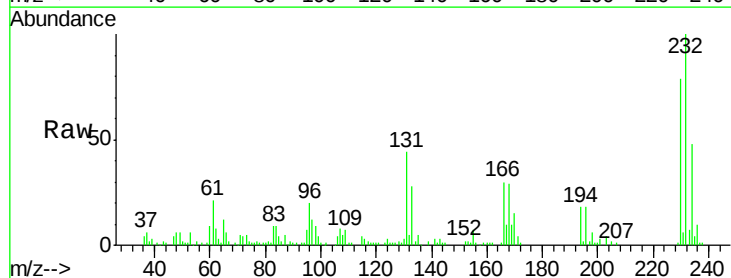
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

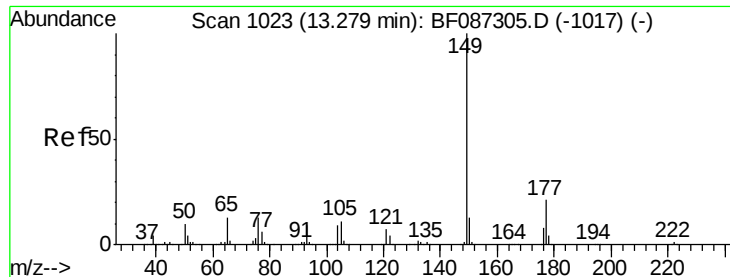
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.0	118.6
167	13.6	10.6	15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.58 ng
 RT: 12.96 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	41.9	62.9
130	3.0	2.2	3.4
166	34.7	26.8	40.2

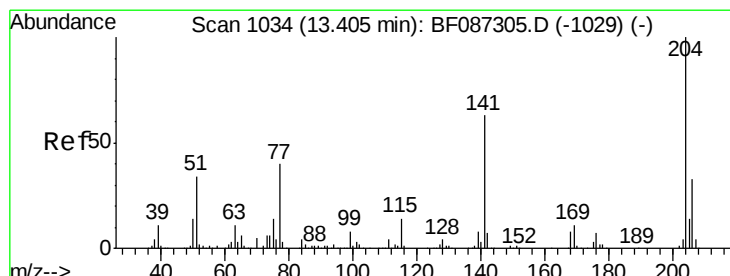
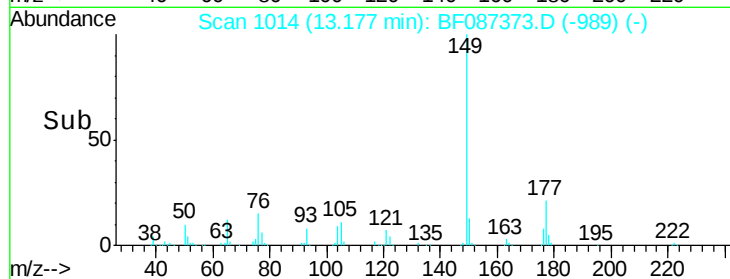
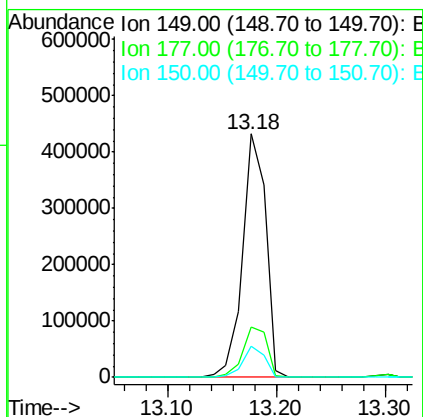
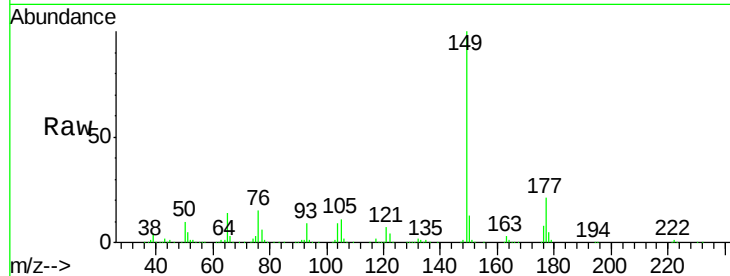




#59
Diethylphthalate
Concen: 41.46 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

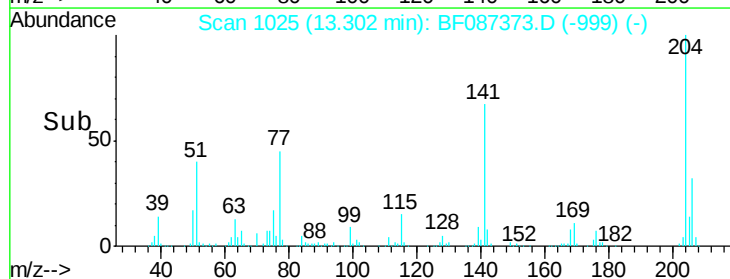
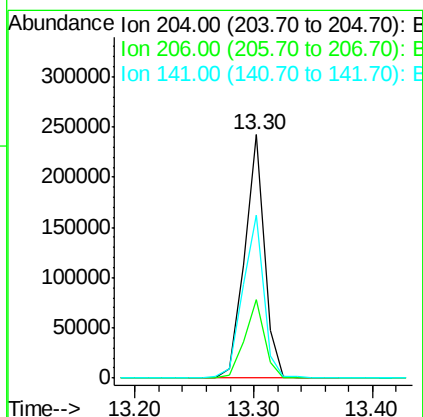
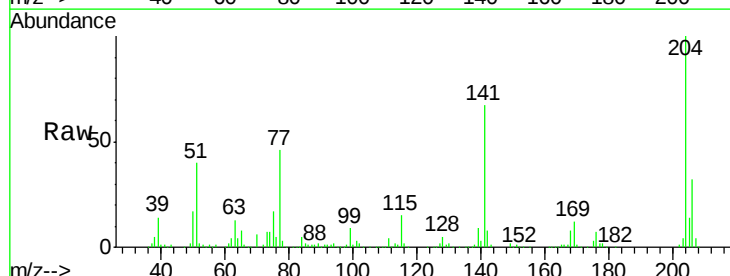
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

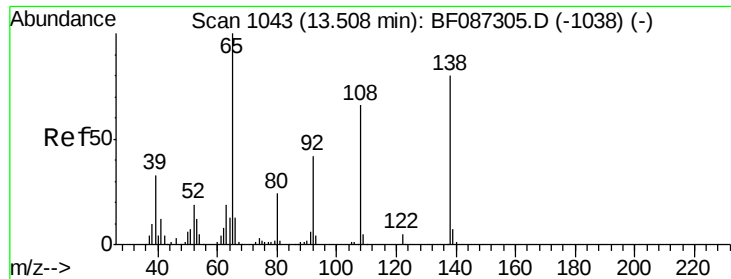
Tgt Ion:149 Resp: 636643
Ion Ratio Lower Upper
149 100
177 20.7 16.6 24.8
150 12.8 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.18 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion:204 Resp: 284285
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 66.9 61.6 92.4

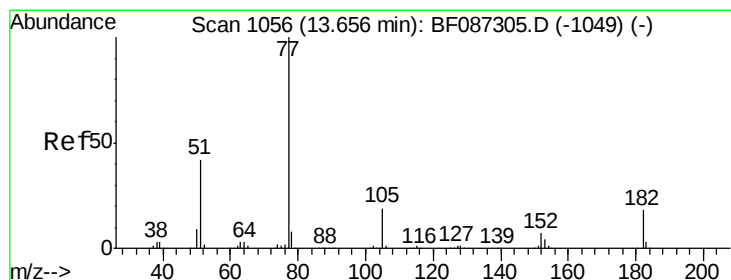
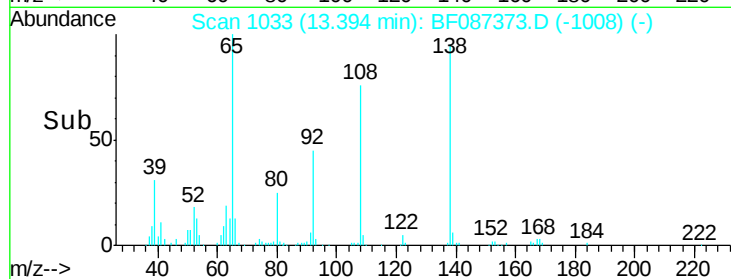
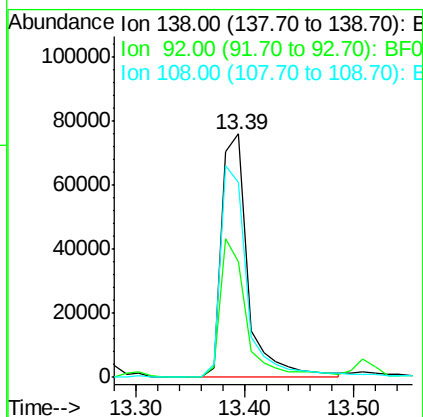
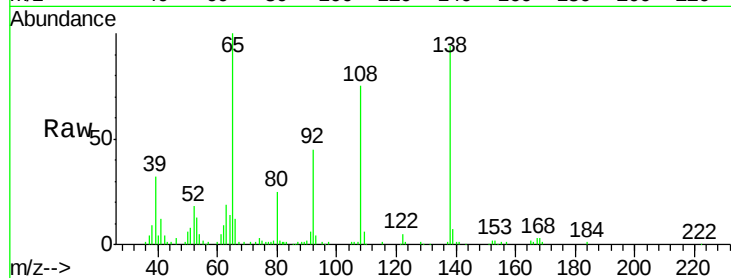




#61
4-Nitroaniline
Concen: 42.02 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

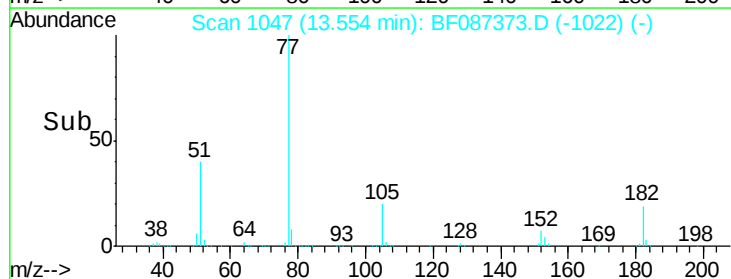
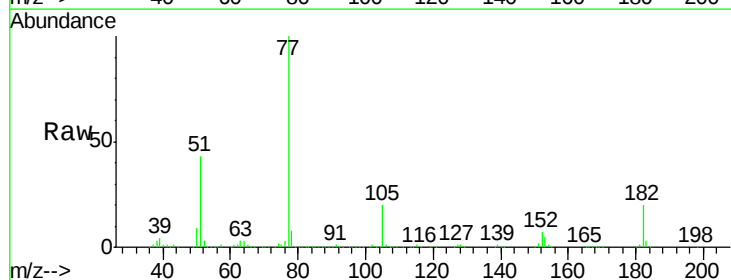
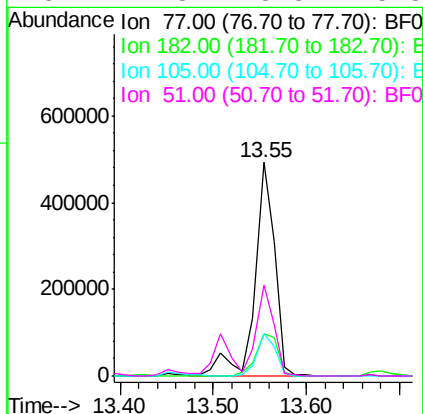
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

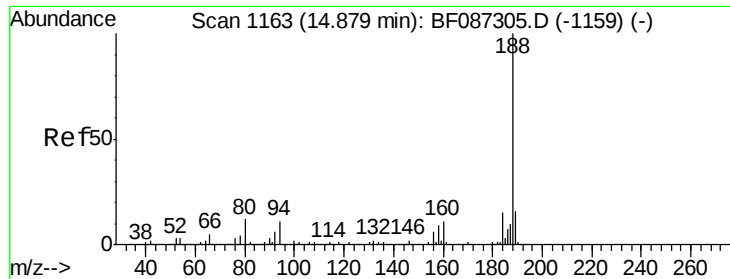
Tgt Ion:138 Resp: 128104
Ion Ratio Lower Upper
138 100
92 47.6 24.7 64.7
108 80.0 37.4 77.4#



#62
Azobenzene
Concen: 45.89 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion: 77 Resp: 731086
Ion Ratio Lower Upper
77 100
182 19.5 0.0 38.8
105 19.7 3.2 43.2
51 42.8 8.8 48.8

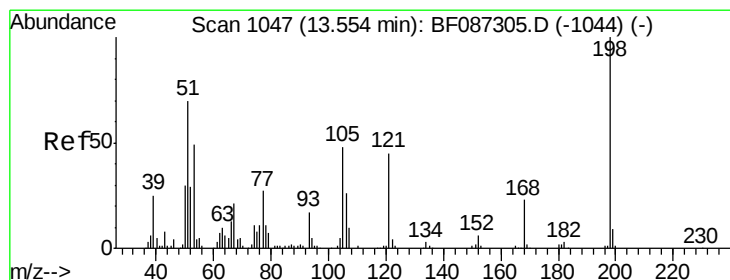
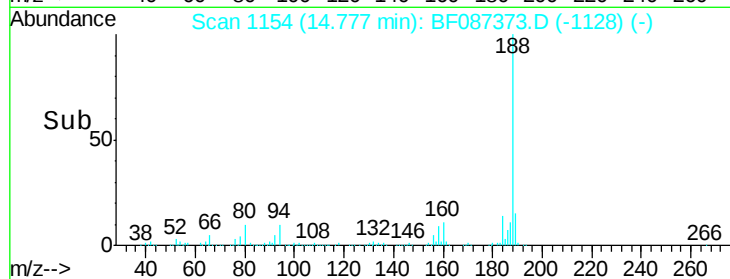
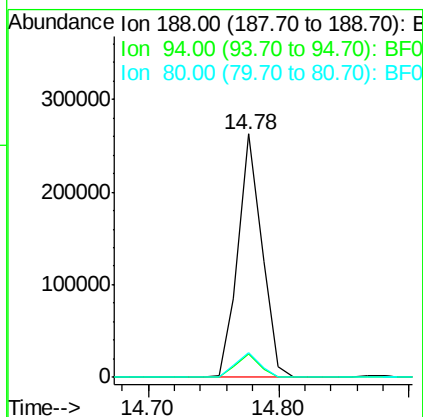
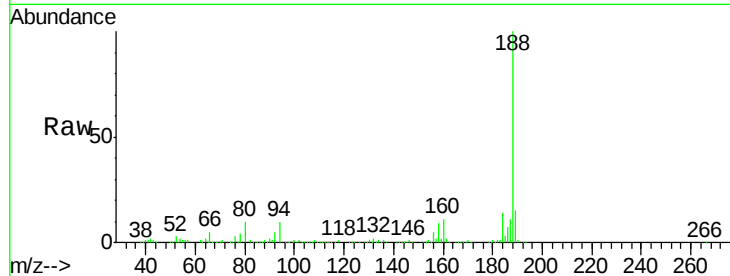




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

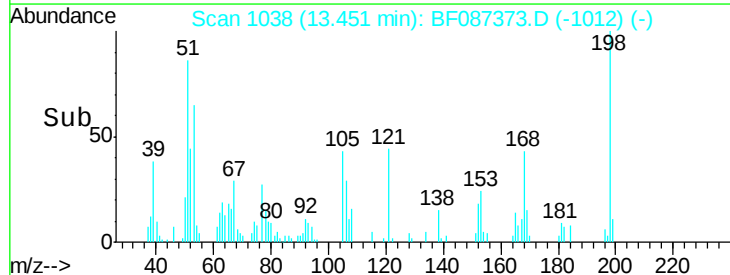
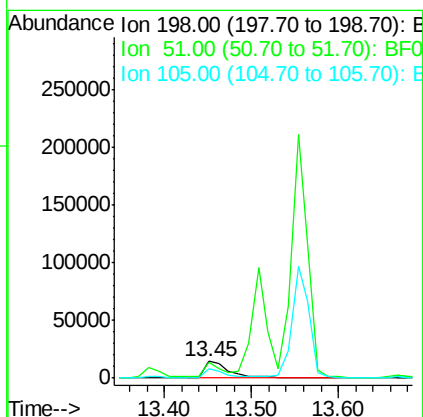
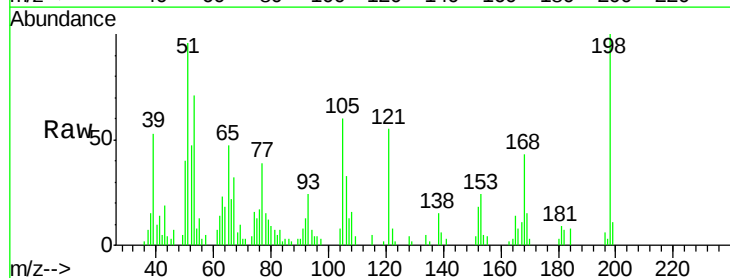
Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

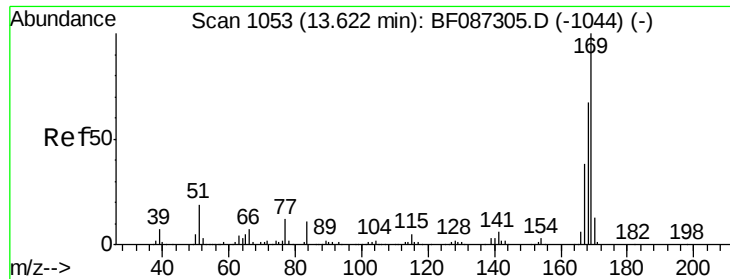
Tgt Ion:188 Resp: 334542
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 10.4 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 13.95 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion:198 Resp: 29670
Ion Ratio Lower Upper
198 100
51 95.7 20.5 60.5#
105 60.4 24.5 64.5

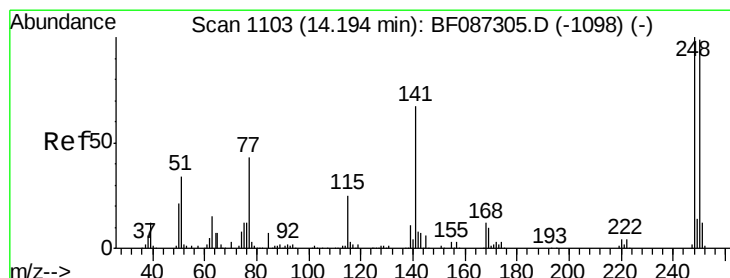
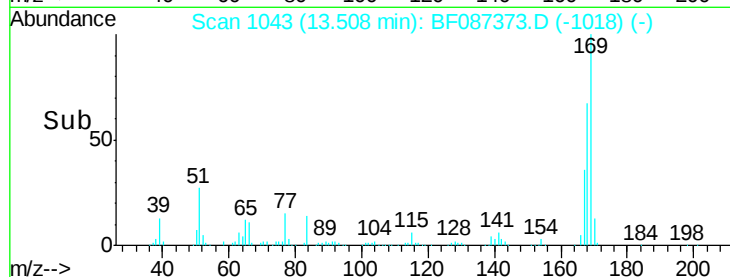
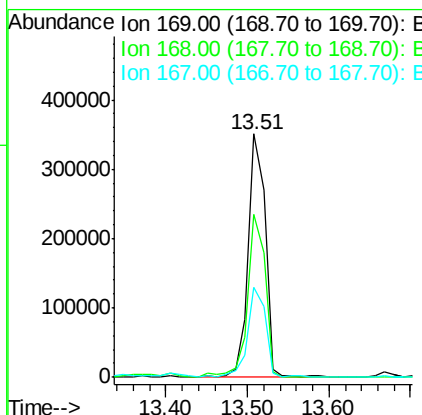
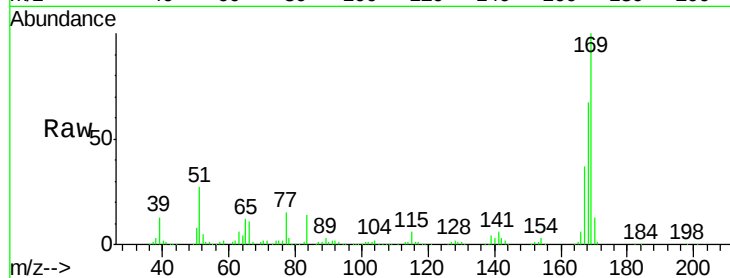




#65
 n-Nitrosodiphenylamine
 Concen: 47.47 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

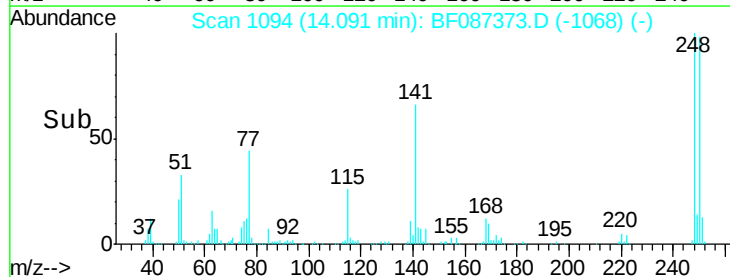
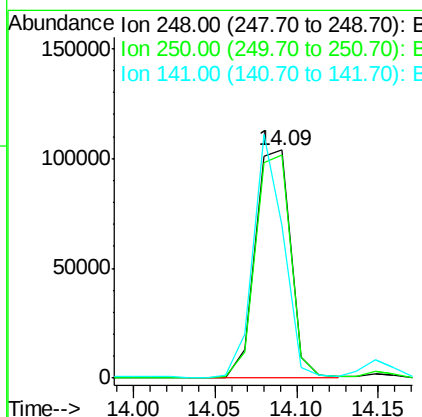
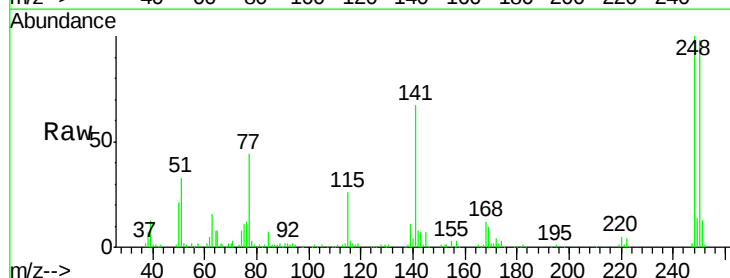
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

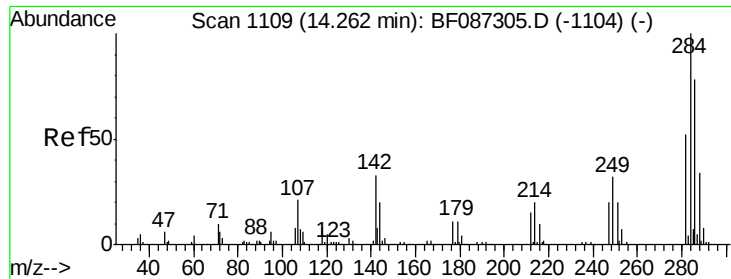
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.8	80.6
167	37.0	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.97 ng
 RT: 14.09 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	66.8	76.0	114.0#

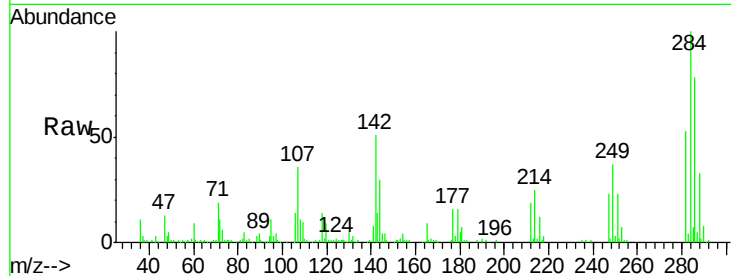




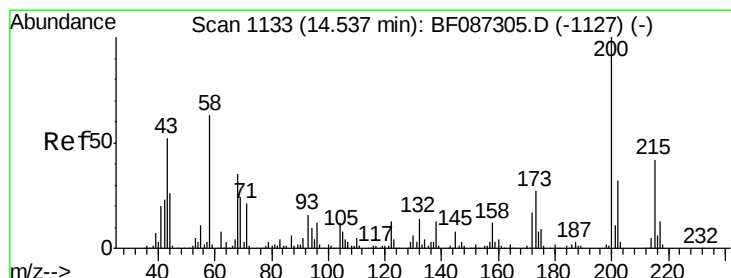
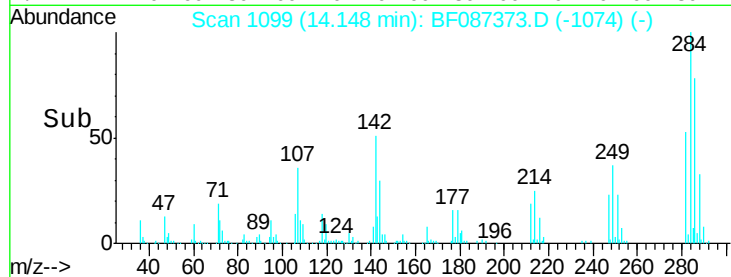
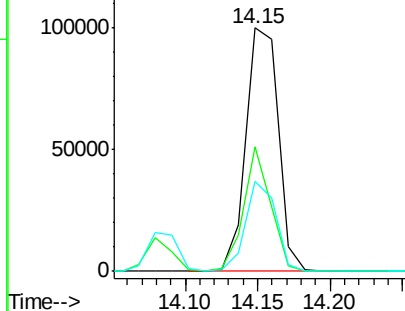
#67
Hexachlorobenzene
Concen: 40.36 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tgt Ion:284 Resp: 154475
Ion Ratio Lower Upper
284 100
142 51.2 16.7 25.1#
249 36.8 21.3 31.9#

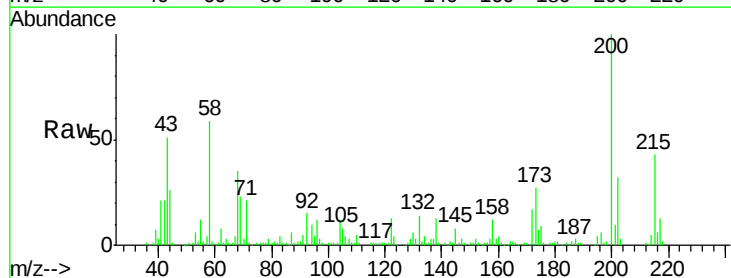


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

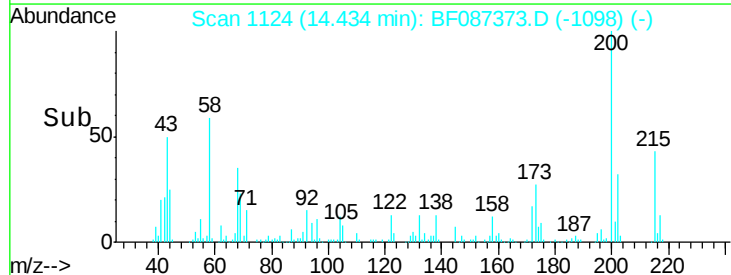
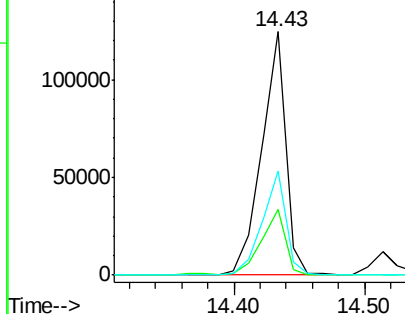


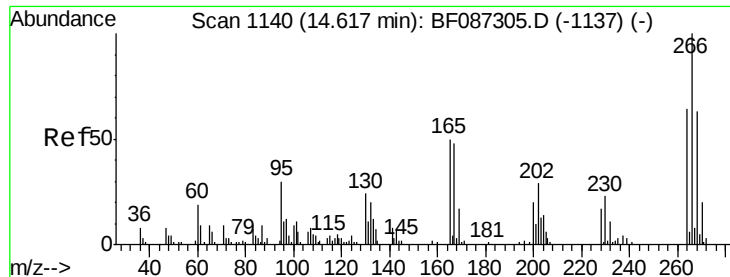
#68
Atrazine
Concen: 46.75 ng
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion:200 Resp: 161216
Ion Ratio Lower Upper
200 100
173 27.2 8.5 48.5
215 42.7 27.2 67.2



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

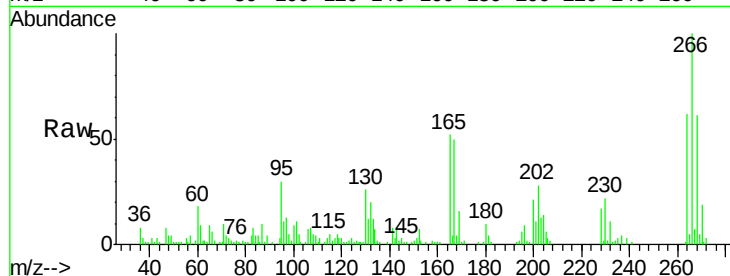




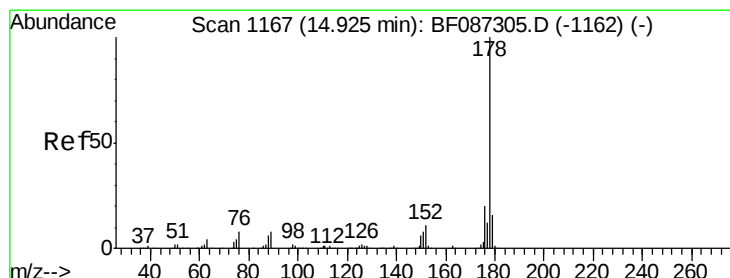
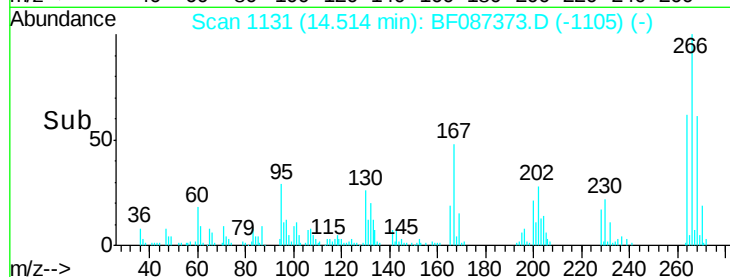
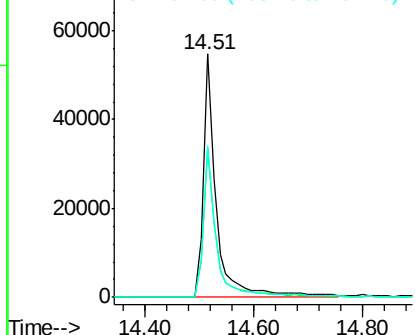
#69
 Pentachlorophenol
 Concen: 76.95 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tgt Ion: 266 Resp: 91232
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.5 77.3
 264 62.4 52.9 79.3

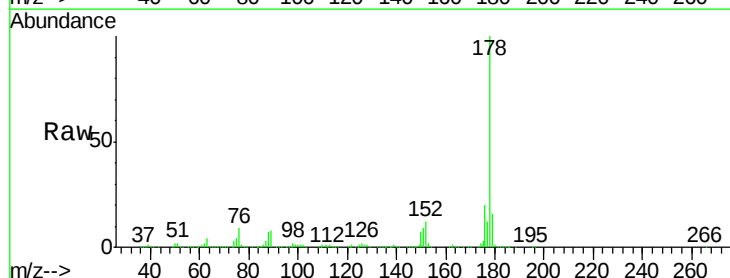


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

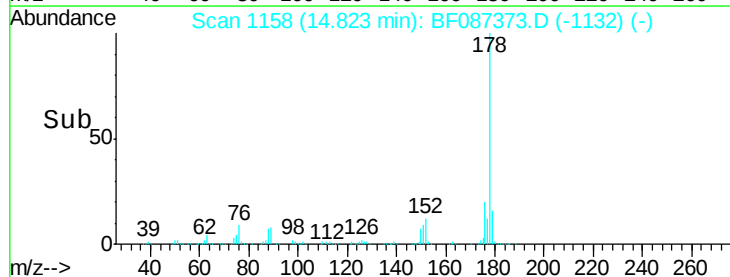
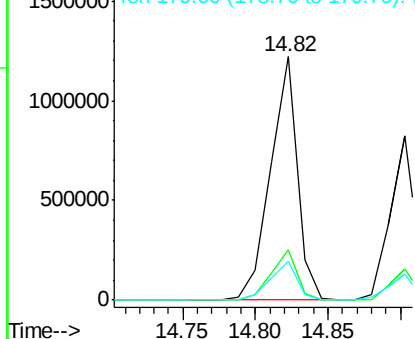


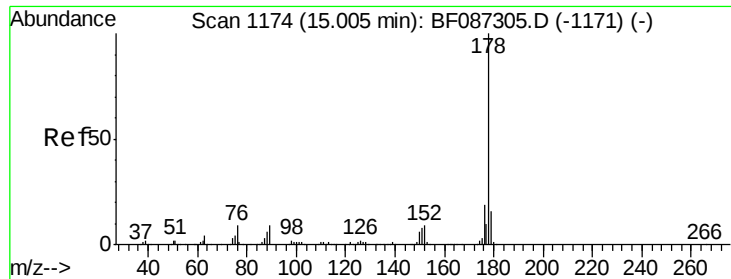
#70
 Phenanthrene
 Concen: 84.91 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion: 178 Resp: 1573405
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 53.13 ng

RT: 14.90 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

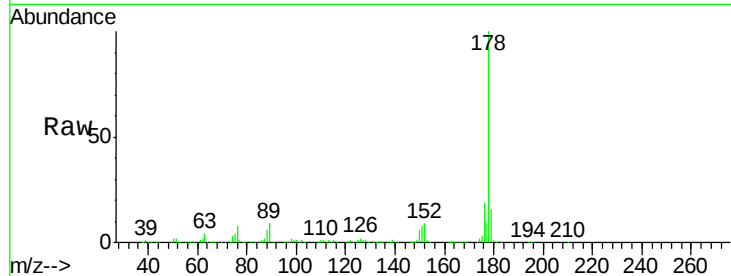
Tgt Ion:178 Resp: 994537

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

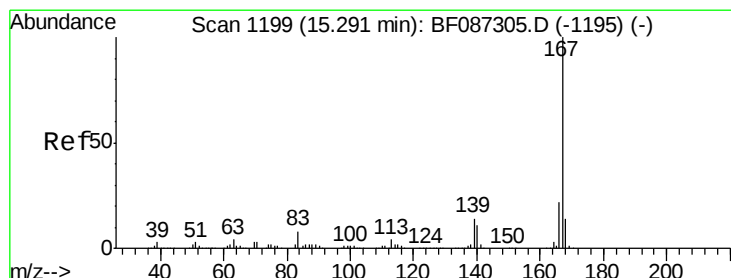
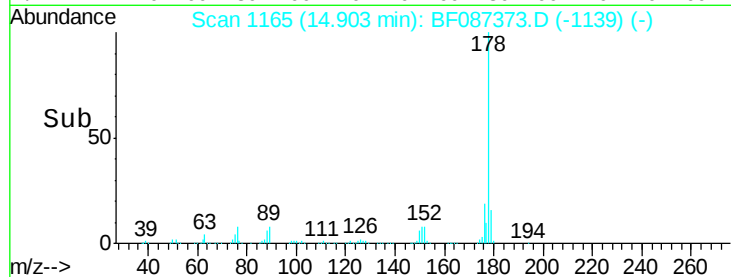
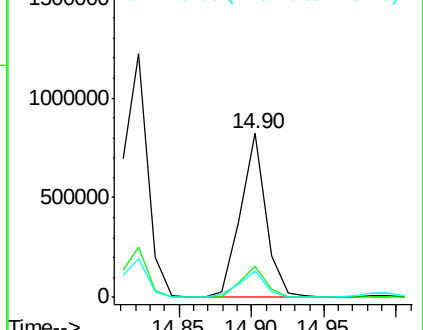
179 15.8 12.7 19.1



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: 47.43 ng

RT: 15.19 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

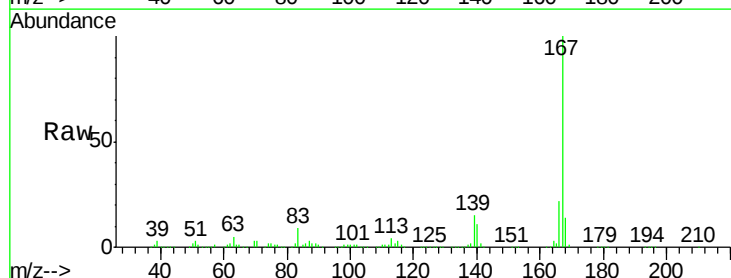
Tgt Ion:167 Resp: 757233

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

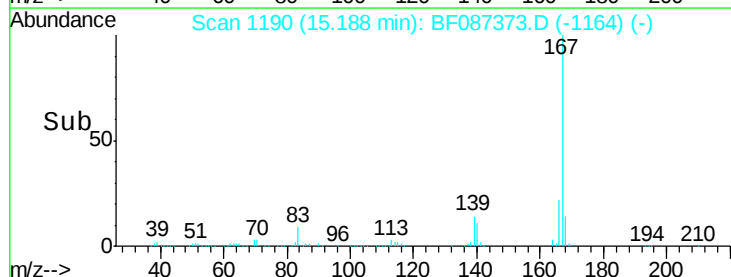
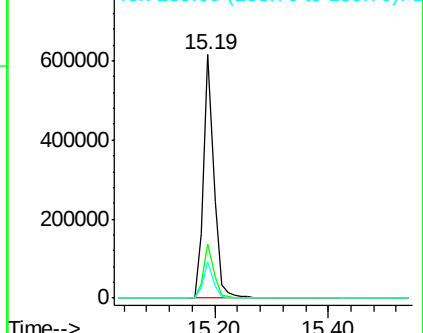
139 14.7 10.8 16.2

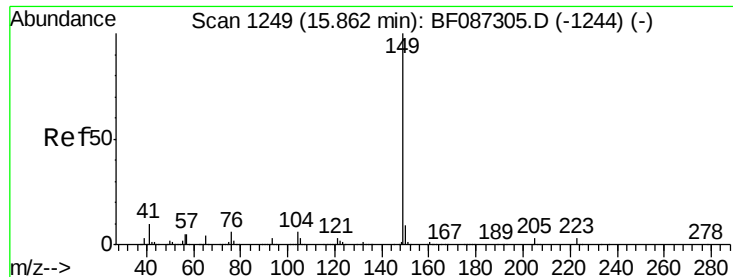


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.81 ng

RT: 15.77 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

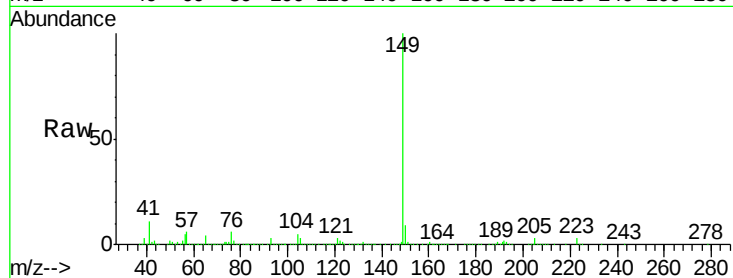
Tgt Ion:149 Resp: 863220

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

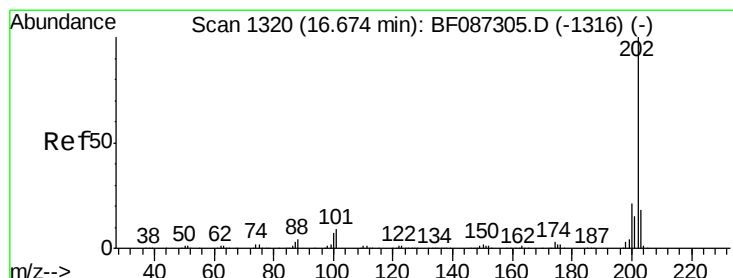
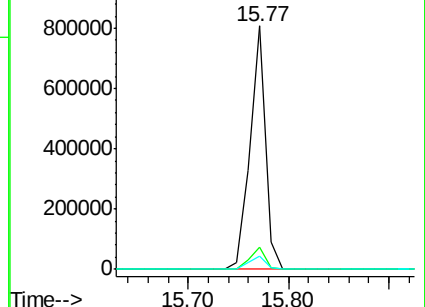
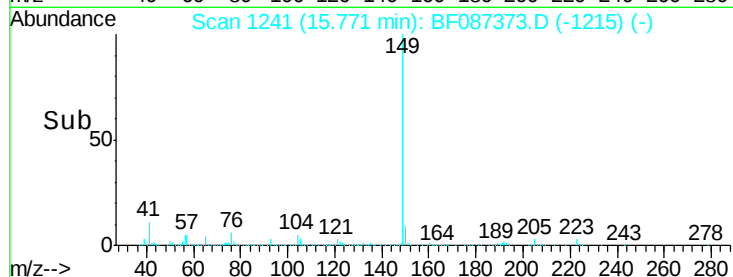
104 5.5 3.8 5.6



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: 87.00 ng

RT: 16.58 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

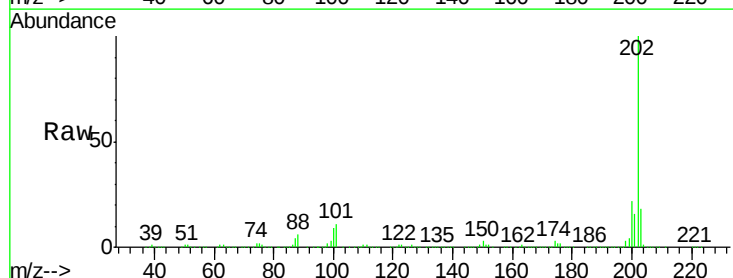
Tgt Ion:202 Resp: 1616631

Ion Ratio Lower Upper

202 100

101 11.5 0.0 35.4

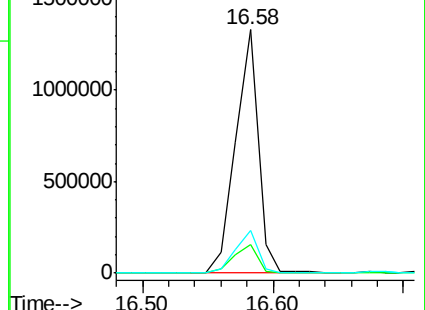
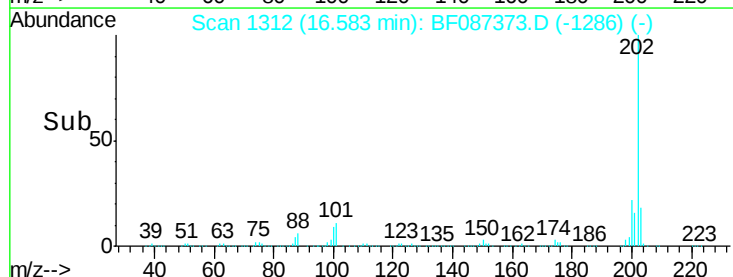
203 17.8 0.0 38.1

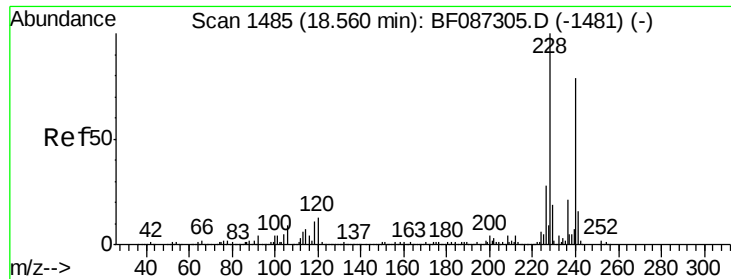


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

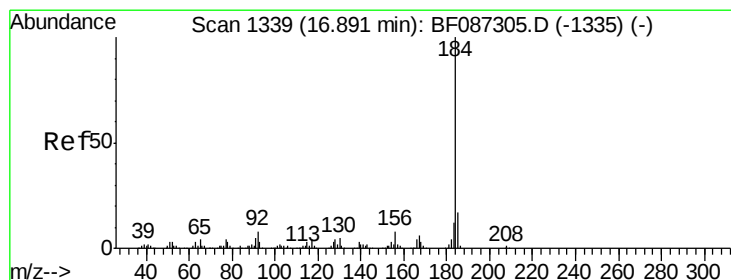
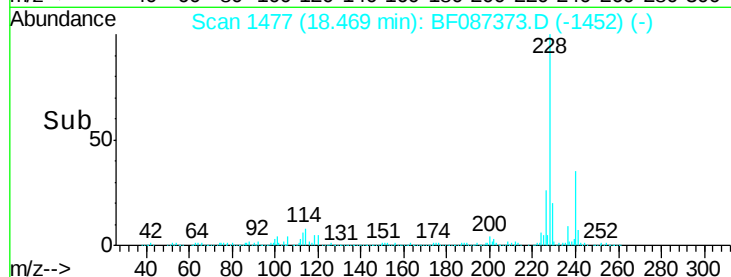
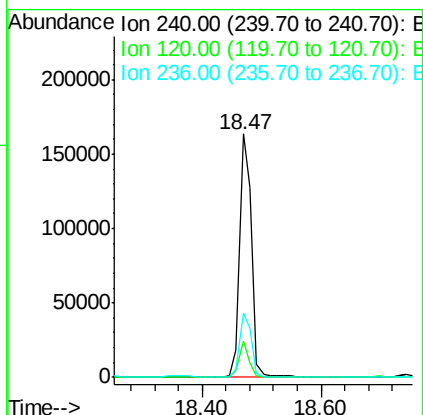
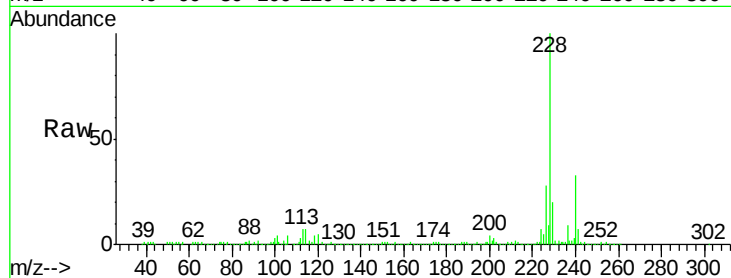




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

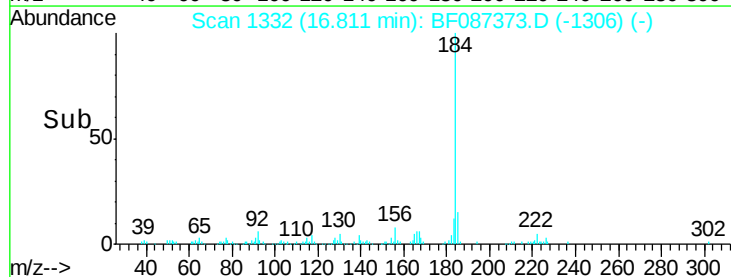
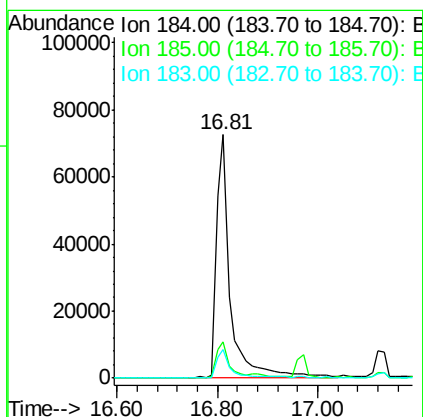
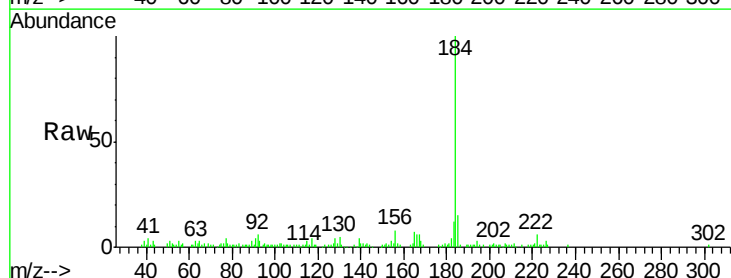
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

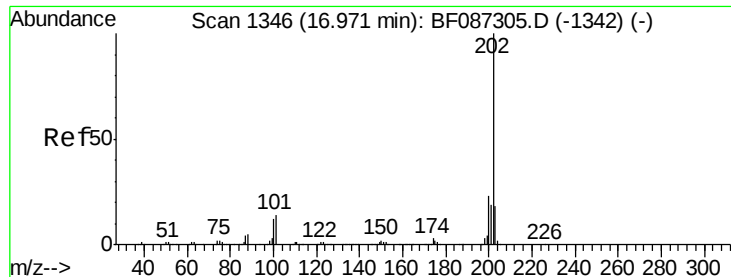
Tgt Ion:240 Resp: 226289
 Ion Ratio Lower Upper
 240 100
 120 14.7 11.2 16.8
 236 26.4 21.2 31.8



#76
 Benzidine
 Concen: 23.78 ng
 RT: 16.81 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion:184 Resp: 138442
 Ion Ratio Lower Upper
 184 100
 185 14.8 13.6 20.4
 183 11.9 9.8 14.6





#77

Pyrene

Concen: 87.51 ng

RT: 16.88 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

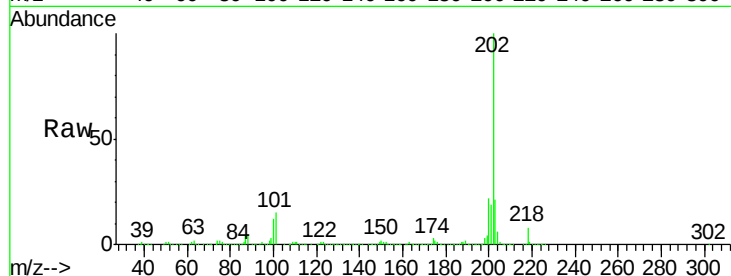
Tgt Ion:202 Resp: 1425364

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

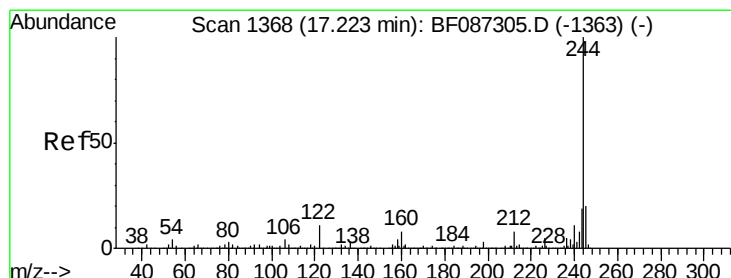
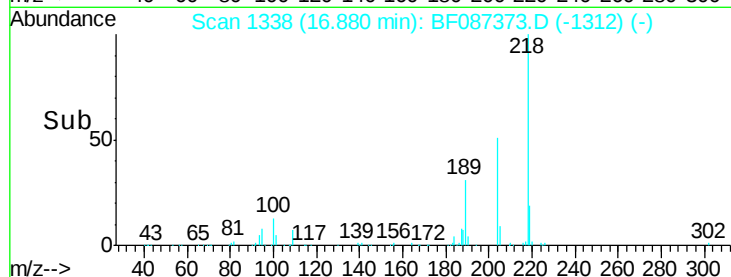
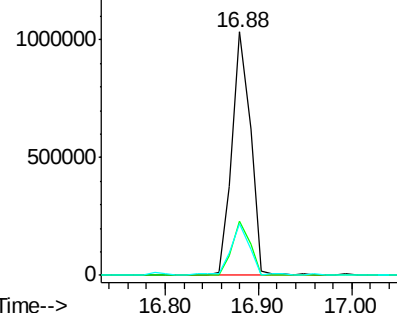
203 21.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.04 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

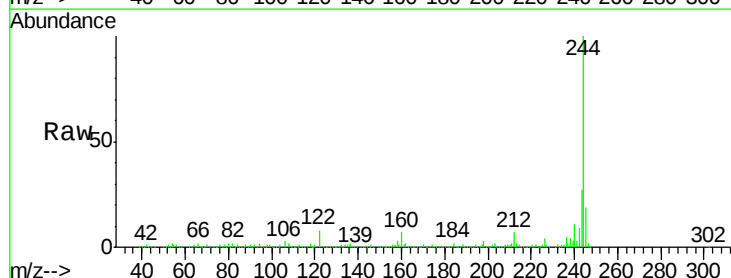
Tgt Ion:244 Resp: 692306

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

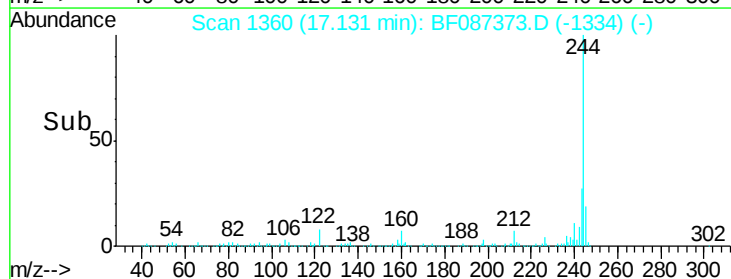
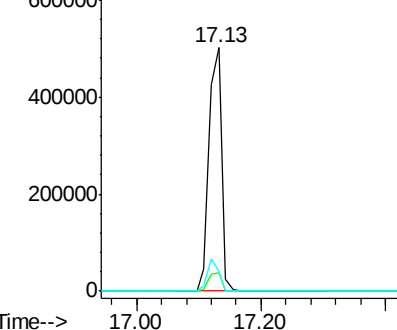
122 8.1 12.0 18.0#

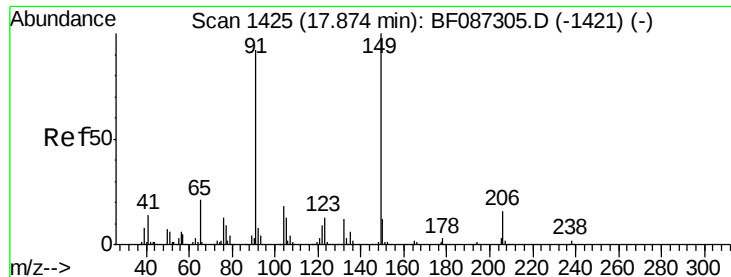


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.91 ng

RT: 17.79 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

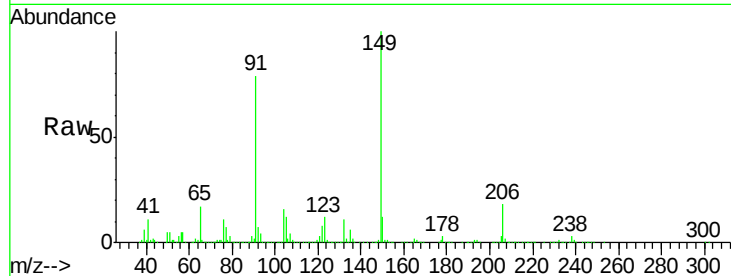
Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

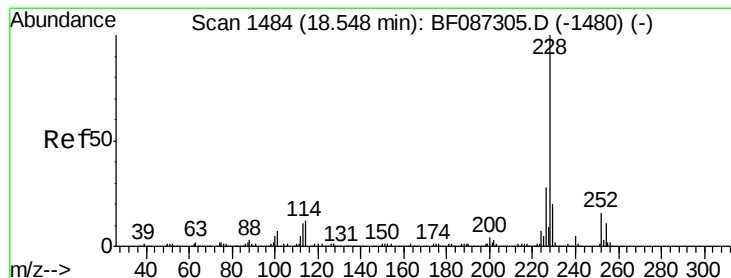
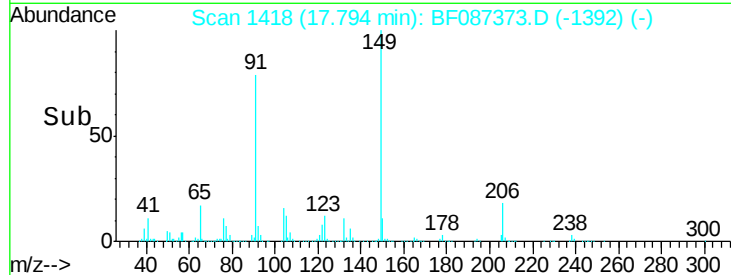
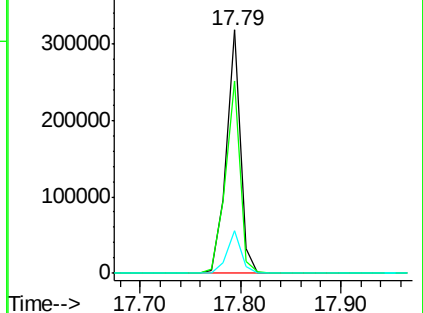
Tgt Ion:	149	Resp:	309978
Ion	Ratio	Lower	Upper
149	100		
91	78.9	48.0	72.0#
206	17.6	15.8	23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 73.39 ng

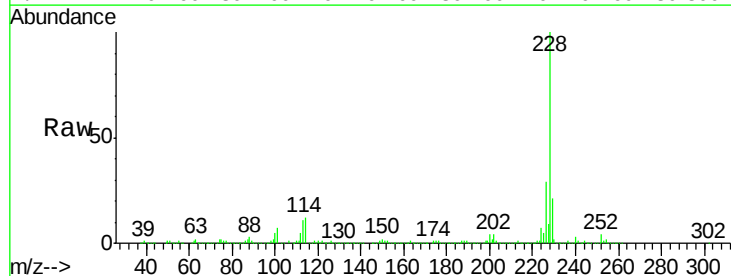
RT: 18.46 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

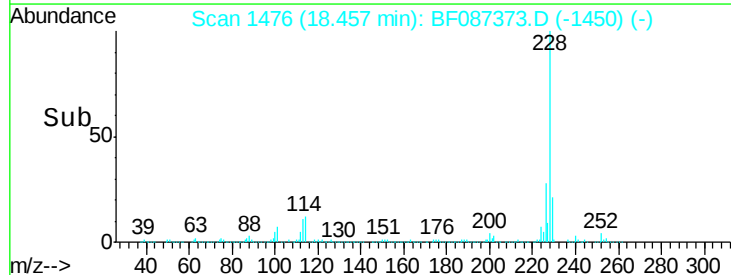
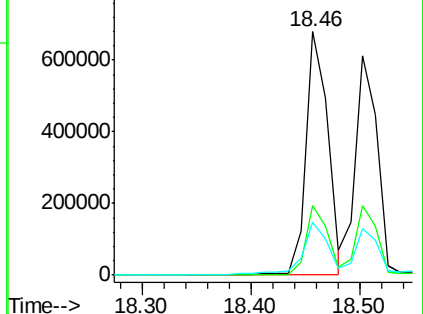
Tgt Ion:	228	Resp:	944660
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	21.5	16.6	25.0

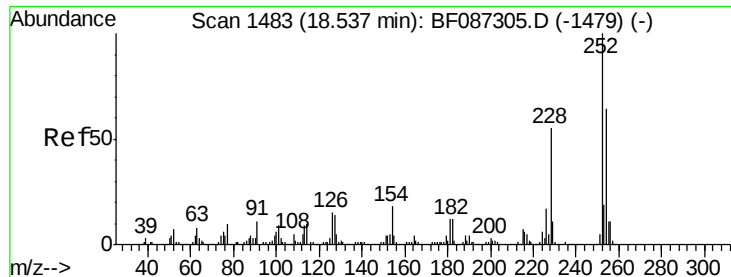


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

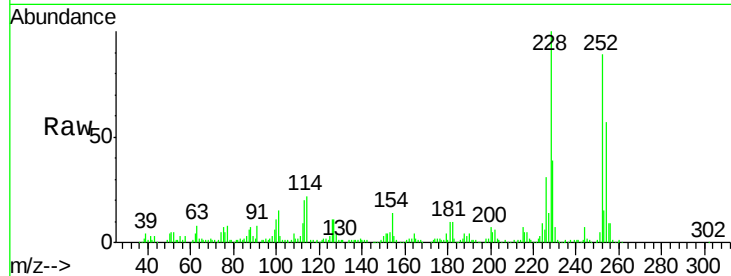




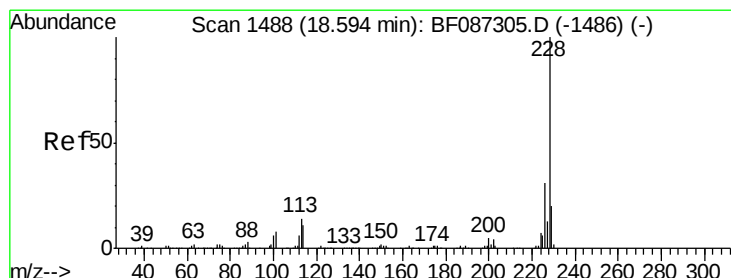
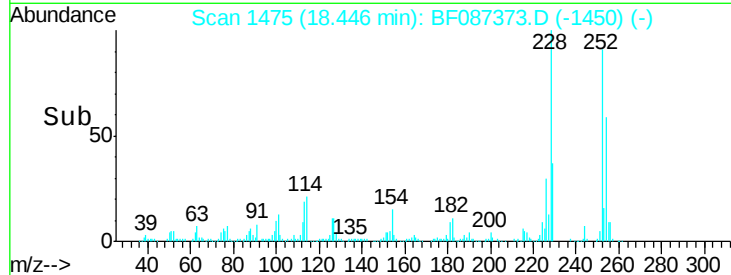
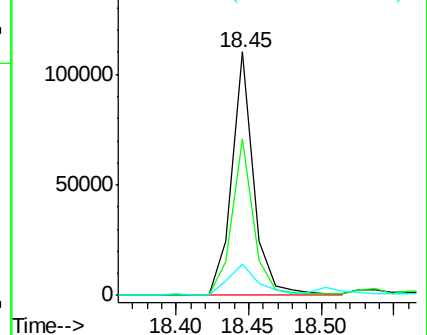
#81
 3,3'-Dichlorobenzidine
 Concen: 16.39 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	12.5	12.7	19.1#

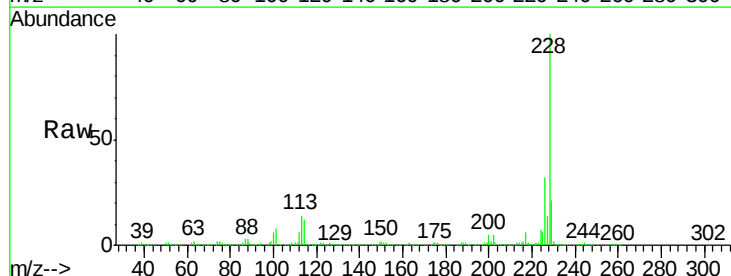


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

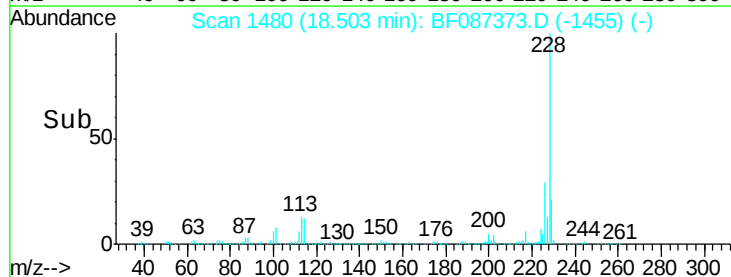
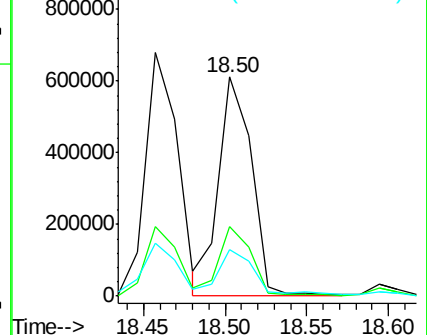


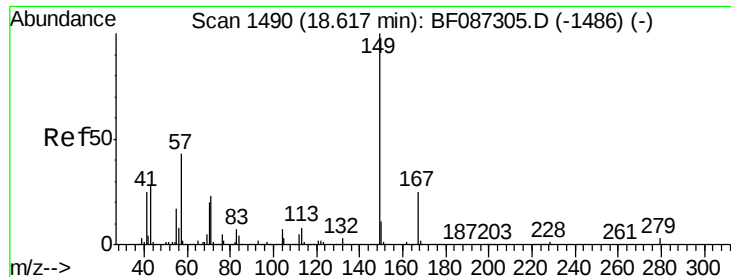
#82
 Chrysene
 Concen: 66.79 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	21.4	15.8	23.8



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

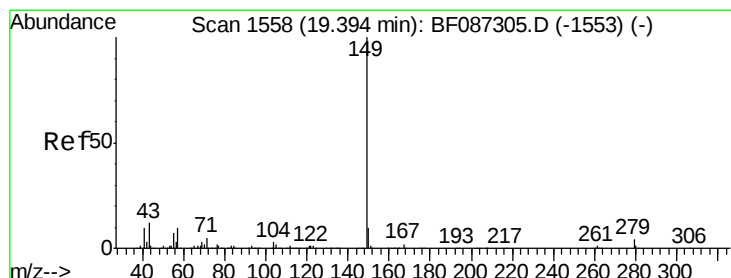
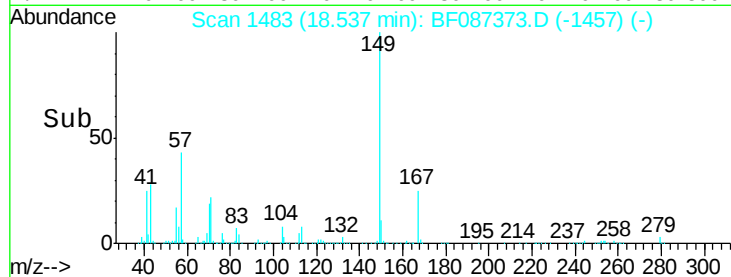
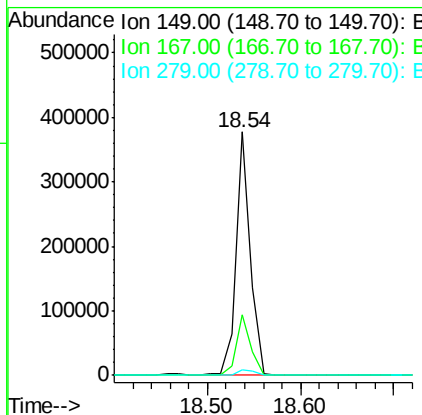
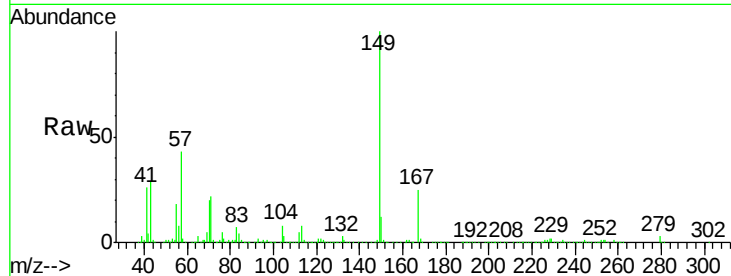




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.07 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

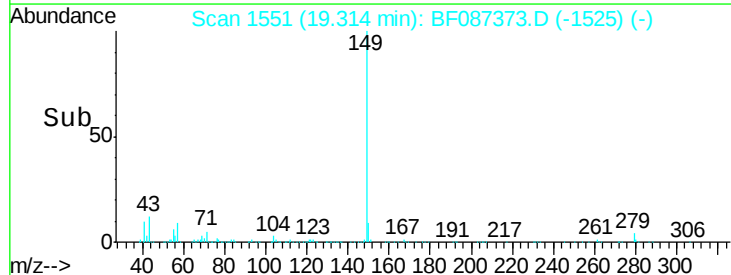
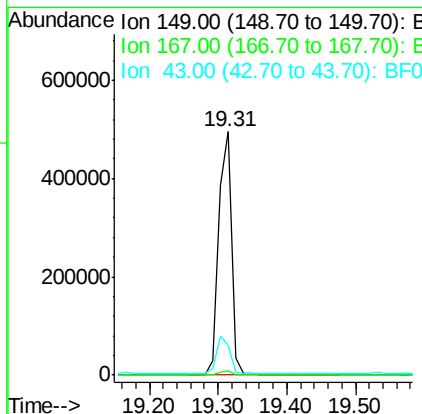
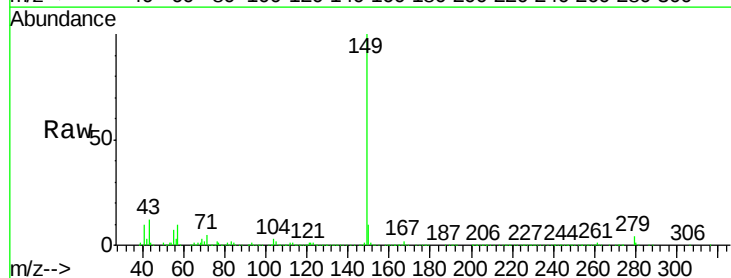
Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

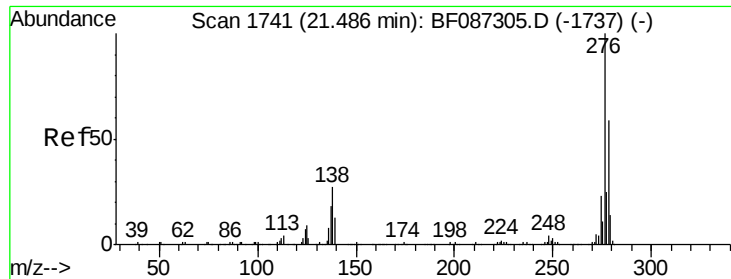
Tgt Ion:149 Resp: 401292
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.8 32.6
 279 2.5 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 40.85 ng
 RT: 19.31 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion:149 Resp: 656588
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 15.7 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.70 ng

RT: 21.36 min Scan# 1730

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

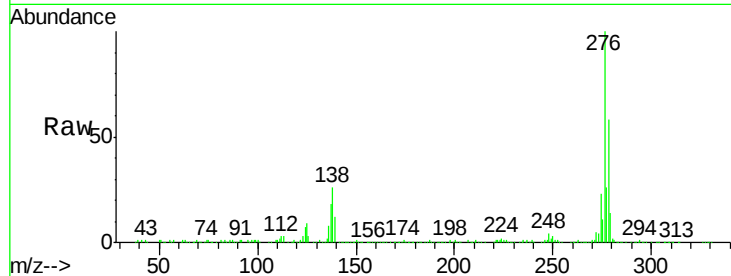
Tgt Ion:276 Resp: 529440

Ion Ratio Lower Upper

276 100

138 25.8 25.6 38.4

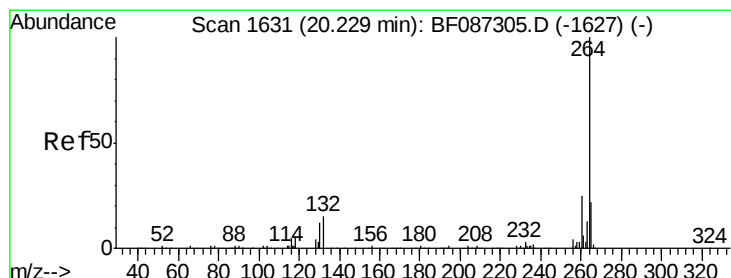
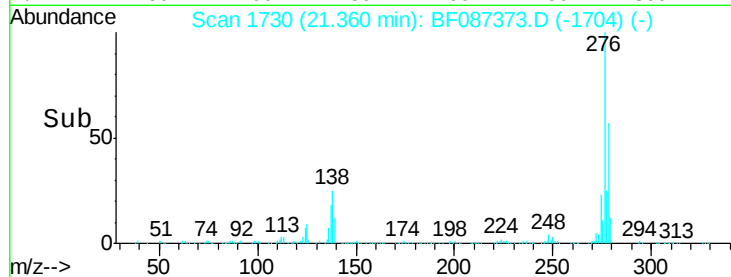
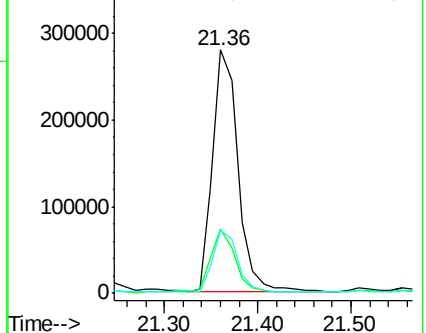
277 26.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

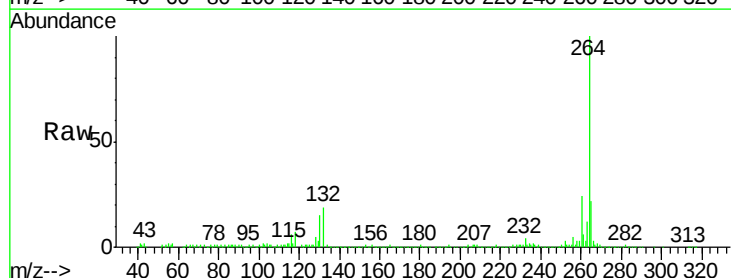
Tgt Ion:264 Resp: 219229

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

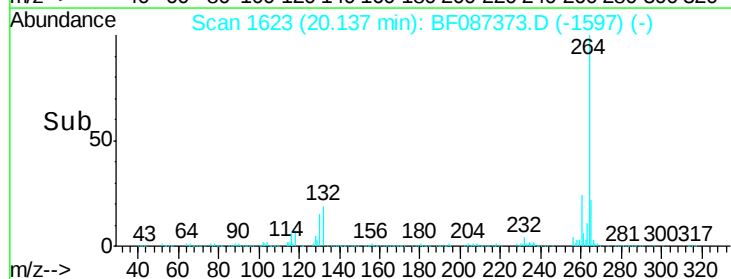
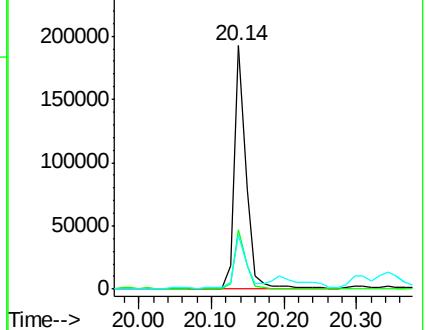
265 22.1 17.3 25.9

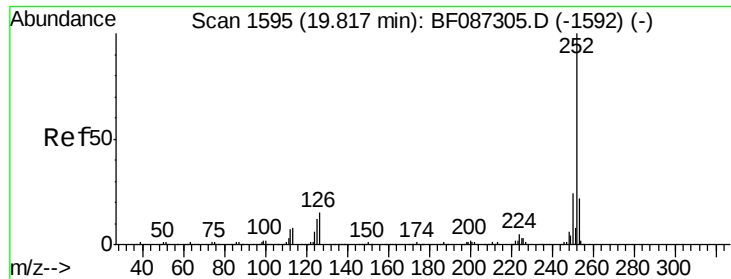


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 104.02 ng

RT: 19.74 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

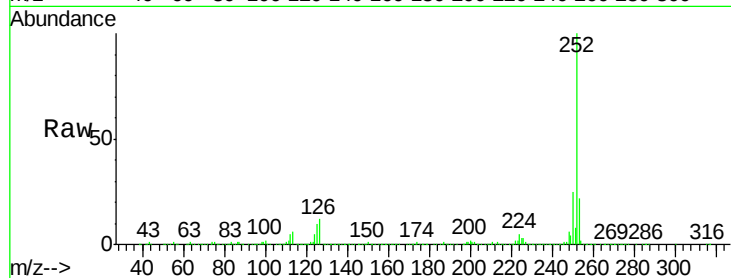
Tgt Ion:252 Resp: 1452586

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

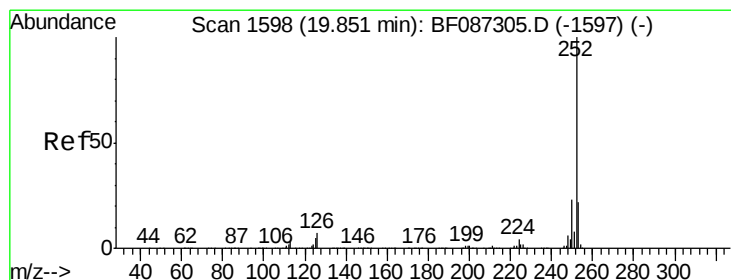
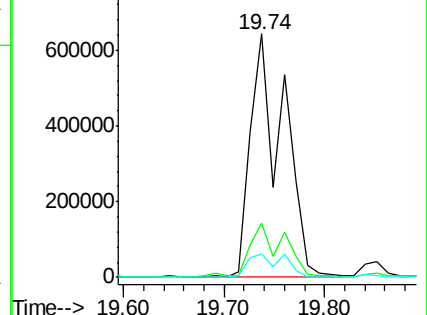
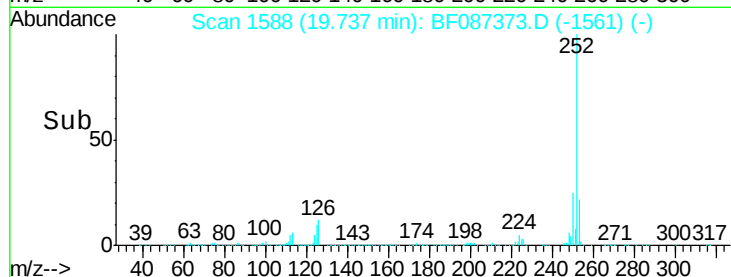
125 9.7 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 120.85 ng

RT: 19.74 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

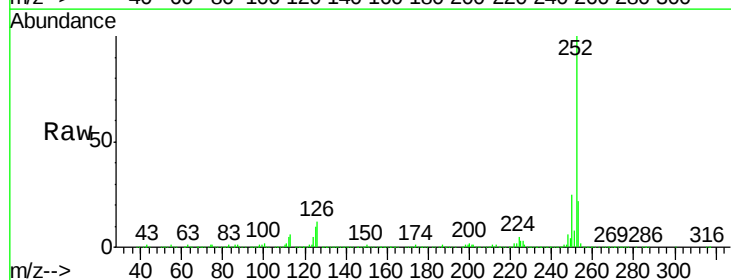
Tgt Ion:252 Resp: 1452586

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

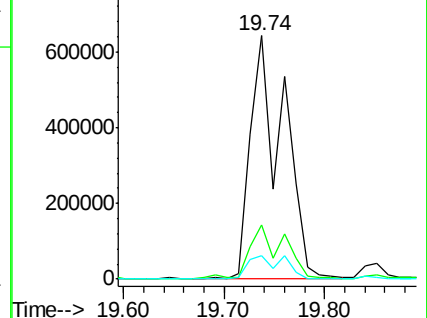
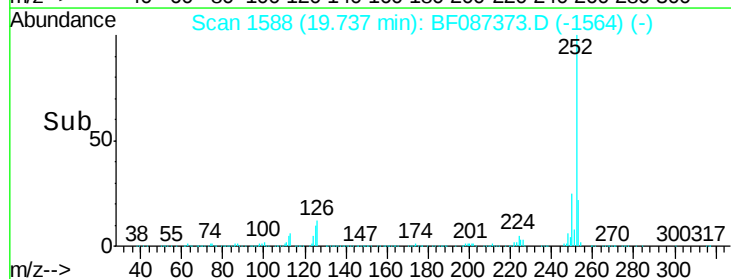
125 9.7 9.1 13.7

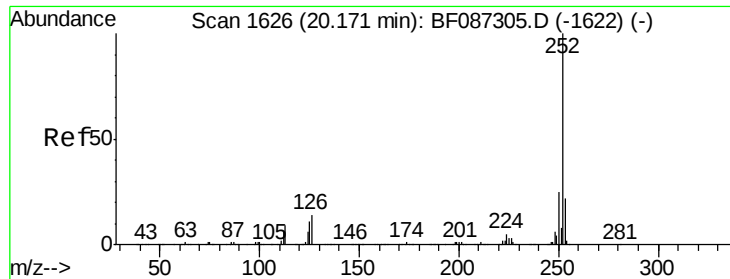


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 56.28 ng

RT: 20.08 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

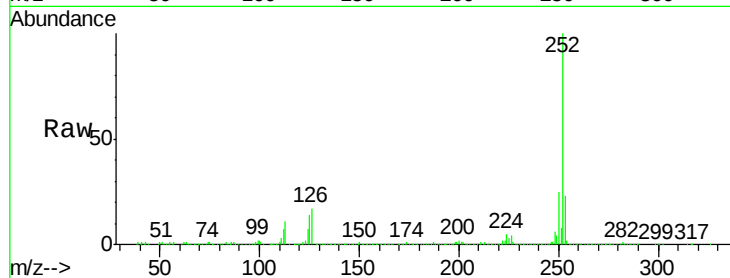
Tgt Ion:252 Resp: 679749

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

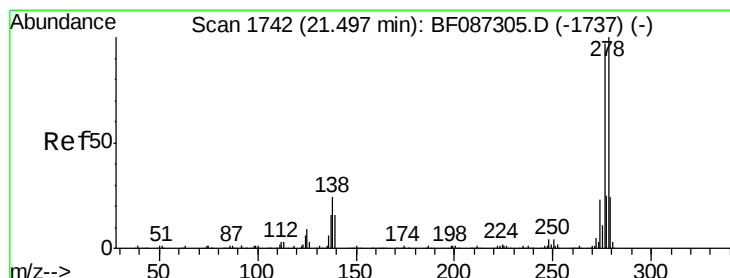
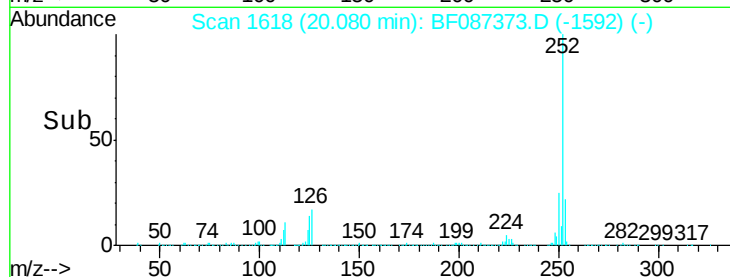
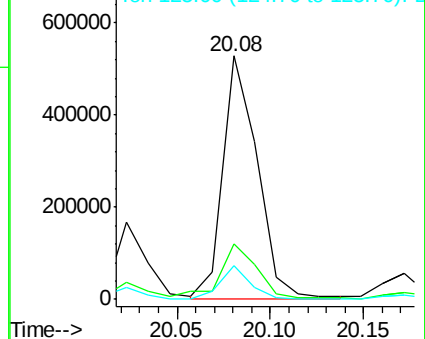
125 13.7 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.78 ng

RT: 21.37 min Scan# 1731

Delta R.T. 0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

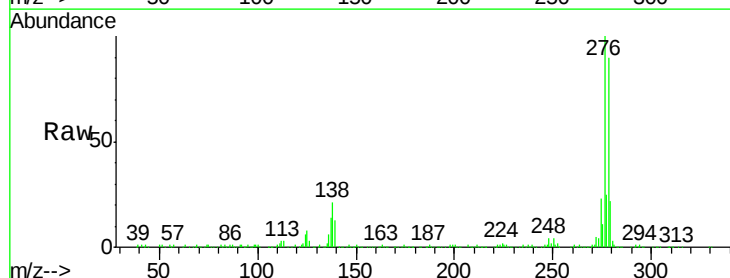
Tgt Ion:278 Resp: 409826

Ion Ratio Lower Upper

278 100

139 14.3 16.6 24.8#

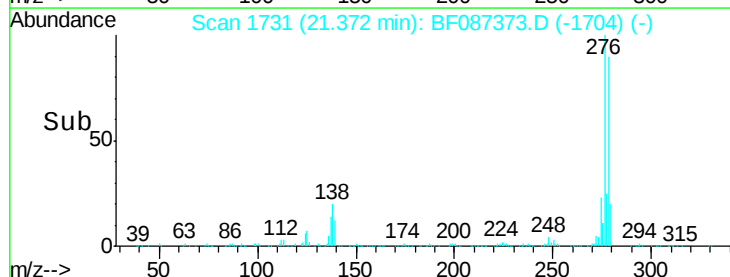
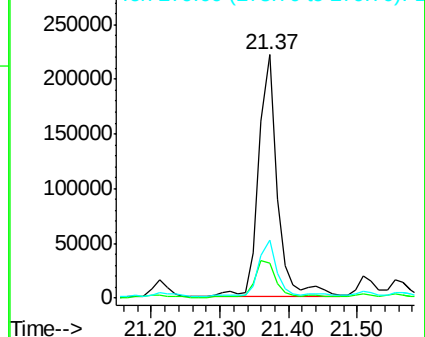
279 24.1 19.6 29.4

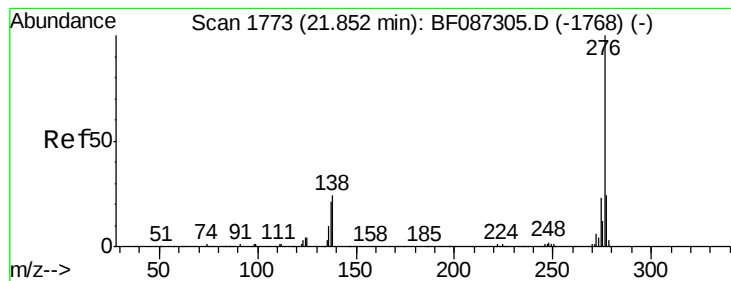


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.69 ng

RT: 21.94 min Scan# 1781

Delta R.T. 0.23 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

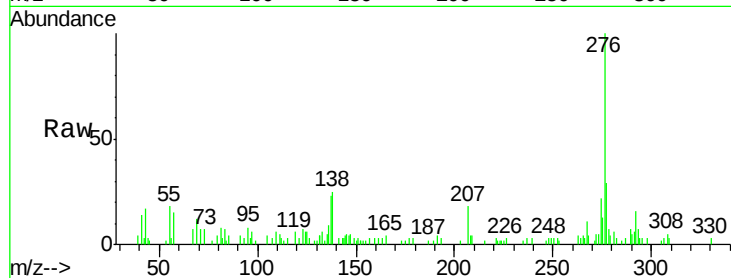
Tgt Ion: 276 Resp: 27321

Ion Ratio Lower Upper

276 100

277 29.0 19.6 29.4

138 25.0 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

