

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086531.D
 Acq On : 30 Apr 2016 18:46
 Operator : UM/SJ
 Sample : PB90117BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:23:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	134824	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	595119	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	279537	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	552193	20.00	ng	0.00
75) Chrysene-d12	13.92	240	392034	20.00	ng	0.00
86) Perylene-d12	15.31	264	313718	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1055109	134.99	ng	0.01
7) Phenol-d6	6.41	99	1563600	143.33	ng	0.00
23) Nitrobenzene-d5	7.33	82	943856	85.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	437095	148.27	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1637892	108.48	ng	0.00
78) Terphenyl-d14	12.88	244	1646645	92.54	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	147111	35.83	ng	# 76
3) Pyridine	3.06	79	432434	44.50	ng	# 69
4) n-Nitrosodimethylamine	3.01	42	267752	48.34	ng	# 60
6) Aniline	6.43	93	379568	28.75	ng	# 49
8) 2-Chlorophenol	6.56	128	427256	43.89	ng	98
9) Benzaldehyde	6.30	77	58272	9.18	ng	91
10) Phenol	6.43	94	494488	40.63	ng	# 66
11) bis(2-Chloroethyl)ether	6.51	93	486425	46.23	ng	91
12) 1,3-Dichlorobenzene	6.70	146	429001	40.97	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	444675	41.16	ng	96
14) 1,2-Dichlorobenzene	6.93	146	390116	39.37	ng	93
15) Benzyl Alcohol	6.92	79	350832	50.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	874389	41.52	ng	90
17) 2-Methylphenol	7.04	107	369518	46.96	ng	# 94
18) Hexachloroethane	7.28	117	162689	40.29	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	319845	44.36	ng	# 68
20) 3+4-Methylphenols	7.18	107	417023	46.42	ng	92
22) Acetophenone	7.18	105	570075	43.69	ng	# 88
24) Nitrobenzene	7.36	77	505518	44.51	ng	95
25) Isophorone	7.60	82	881320	41.48	ng	99
26) 2-Nitrophenol	7.68	139	237342	45.39	ng	96
27) 2,4-Dimethylphenol	7.72	122	423198	46.12	ng	97
28) bis(2-Chloroethoxy)methane	7.81	93	546179	47.18	ng	99
29) 2,4-Dichlorophenol	7.92	162	365142	47.17	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	364299	40.56	ng	97
31) Naphthalene	8.08	128	1254432	41.42	ng	99
32) Benzoic acid	7.85	122	195820	37.58	ng	# 83
33) 4-Chloroaniline	8.13	127	200364	17.67	ng	98
34) Hexachlorobutadiene	8.20	225	199412	39.61	ng	98
35) Caprolactam	8.50	113	80098	31.01	ng	# 56
36) 4-Chloro-3-methylphenol	8.62	107	413143	46.61	ng	97
37) 2-Methylnaphthalene	8.77	142	808480	45.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	315829	39.47	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	336222	84.56	ng	96

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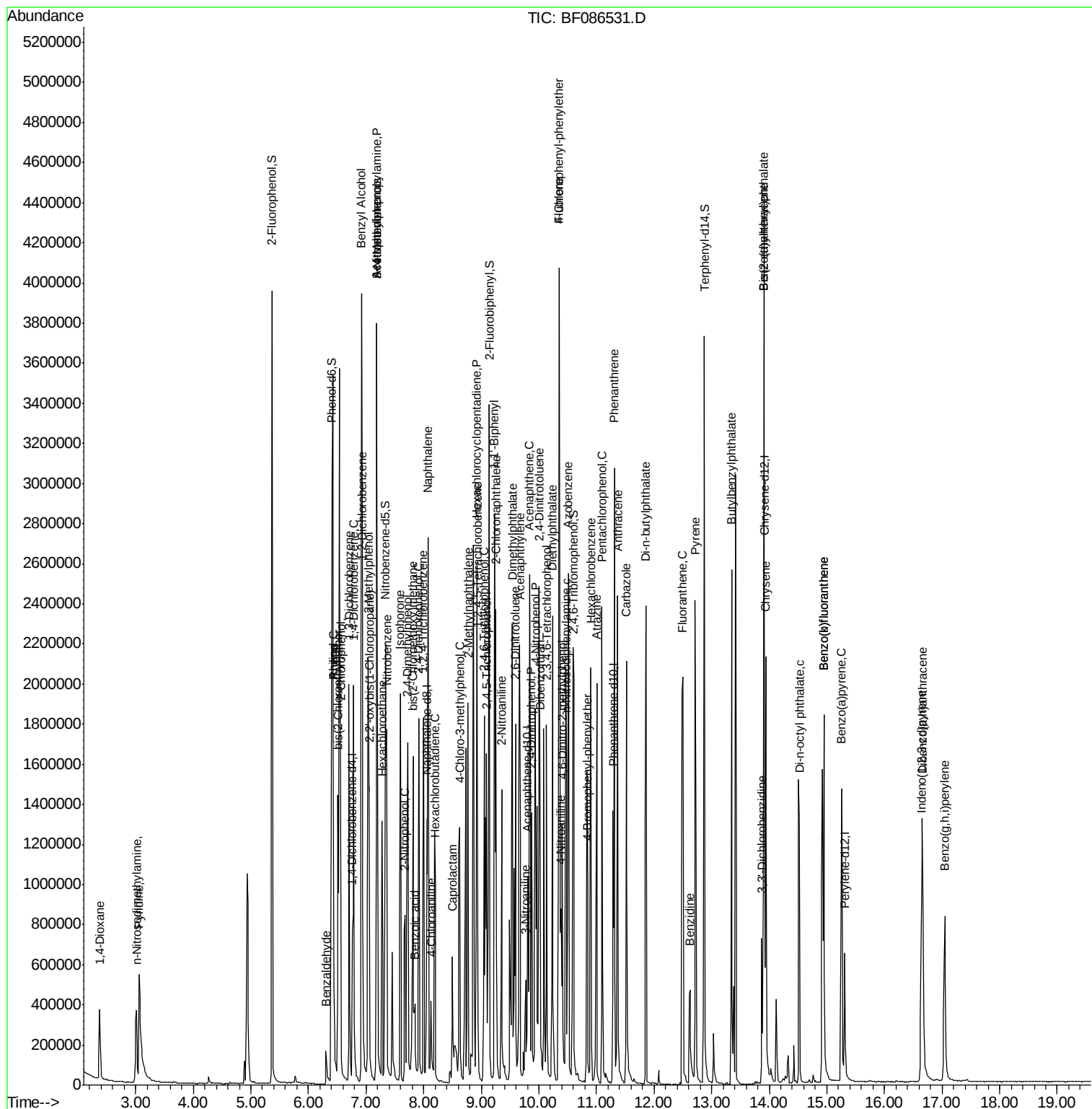
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	232354	45.94	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	246908	44.79	nq #	90
45) 1,1'-Biphenyl	9.23	154	965301	41.31	nq	96
46) 2-Chloronaphthalene	9.25	162	729639	41.07	nq	93
47) 2-Nitroaniline	9.36	65	307865	54.04	nq	88
48) Acenaphthylene	9.66	152	1150115	41.42	nq	98
49) Dimethylphthalate	9.54	163	913495	43.41	nq	100
50) 2,6-Dinitrotoluene	9.60	165	189838	43.67	nq #	81
51) Acenaphthene	9.84	154	822925	46.14	nq	99
52) 3-Nitroaniline	9.77	138	125467	25.38	nq	100
53) 2,4-Dinitrophenol	9.87	184	195027	81.84	nq #	74
54) Dibenzofuran	10.02	168	1046253	46.93	nq	96
55) 4-Nitrophenol	9.94	139	305533	94.38	nq #	68
56) 2,4-Dinitrotoluene	10.01	165	271813	49.04	nq #	83
57) Fluorene	10.35	166	752992	38.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	220829	51.24	nq	98
59) Diethylphthalate	10.24	149	858534	43.10	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	369918	42.09	nq	89
61) 4-Nitroaniline	10.38	138	229502	47.48	nq	87
62) Azobenzene	10.51	77	1079582	49.48	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	140619	43.38	nq #	64
65) n-Nitrosodiphenylamine	10.48	169	741833	42.99	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	243792	42.85	nq #	78
67) Hexachlorobenzene	10.90	284	261154	39.65	nq #	79
68) Atrazine	11.00	200	261433	50.45	nq	96
69) Pentachlorophenol	11.09	266	270448	77.88	nq	99
70) Phenanthrene	11.31	178	1169797	40.37	nq	99
71) Anthracene	11.37	178	1376616	44.51	nq	100
72) Carbazole	11.52	167	1156858	42.21	nq	98
73) Di-n-butylphthalate	11.86	149	1401397	45.13	nq	100
74) Fluoranthene	12.50	202	1328661	45.42	nq	92
76) Benzidine	12.63	184	384961	28.57	nq	95
77) Pyrene	12.72	202	1267497	44.87	nq	99
79) Butylbenzylphthalate	13.35	149	533753	43.63	nq #	70
80) Benzo(a)anthracene	13.91	228	949492	45.43	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	188229	13.47	nq	98
82) Chrysene	13.94	228	986459	43.42	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	576423	37.96	nq #	96
84) Di-n-octyl phthalate	14.52	149	944588	39.72	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	850947	50.55	nq	97
87) Benzo(b)fluoranthene	14.95	252	1666148	90.28	nq	98
88) Benzo(k)fluoranthene	14.95	252	1668342	86.67	nq	99
89) Benzo(a)pyrene	15.25	252	780922	44.82	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	709417	49.75	nq	99
91) Benzo(g,h,i)perylene	17.05	276	711689	49.80	nq	96

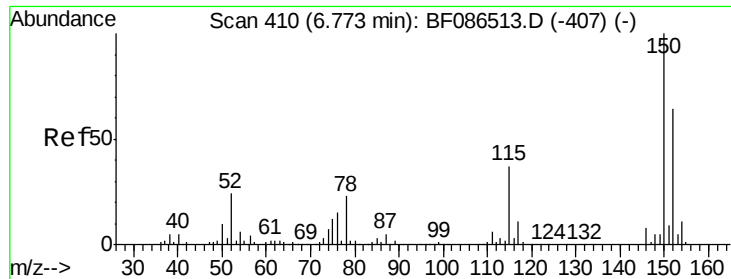
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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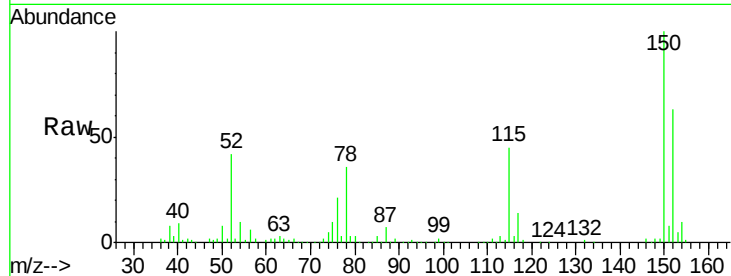


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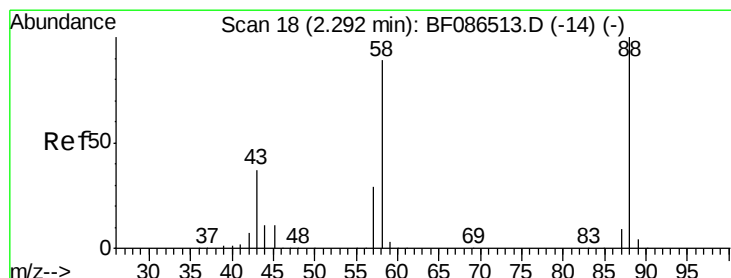
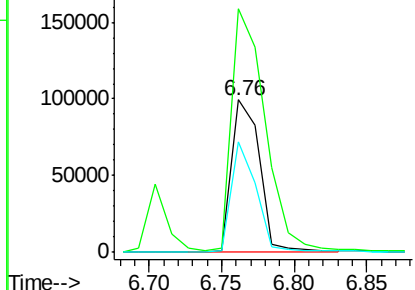
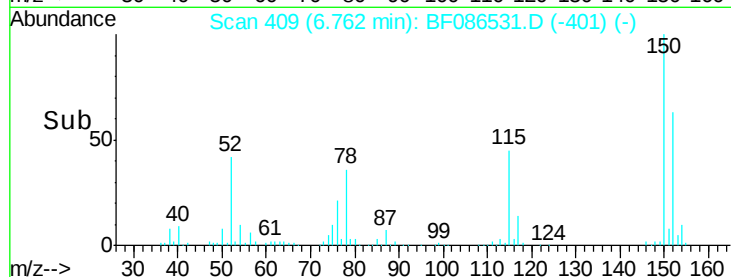
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134824
Ion Ratio Lower Upper
152 100
150 159.9 125.8 188.6
115 72.5 51.5 77.3



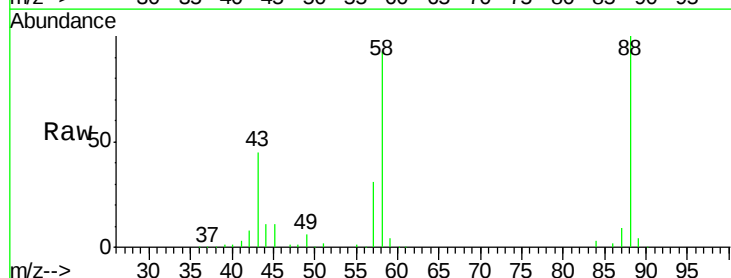
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



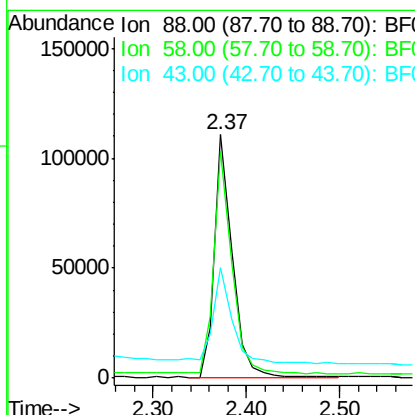
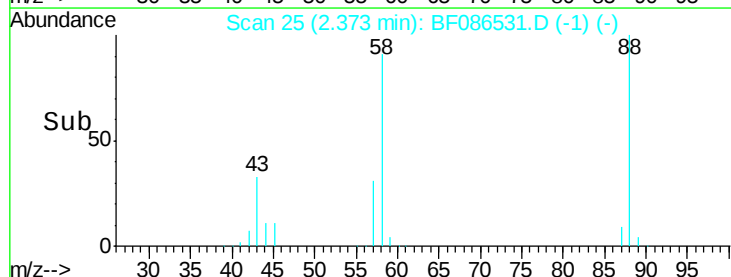
#2

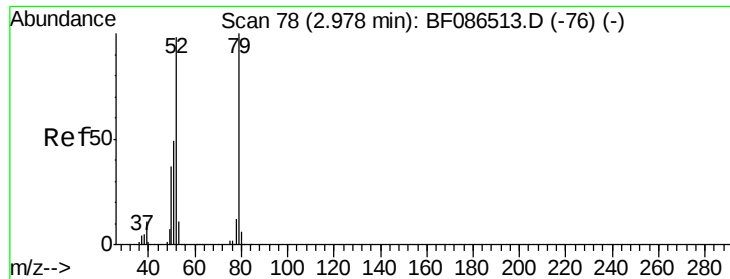
1,4-Dioxane
Concen: 35.83 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion: 88 Resp: 147111
Ion Ratio Lower Upper
88 100
58 92.2 59.6 89.4#
43 44.8 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

Pvridine

Concen: 44.50 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

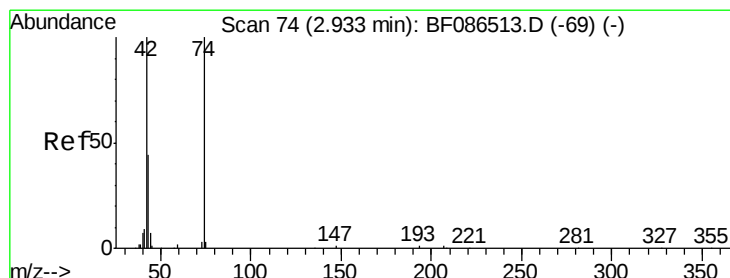
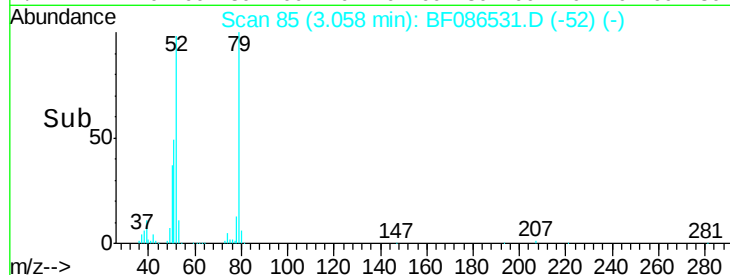
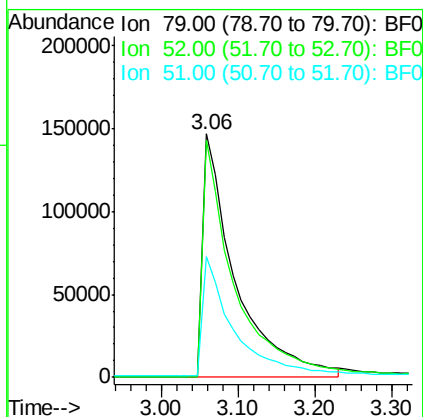
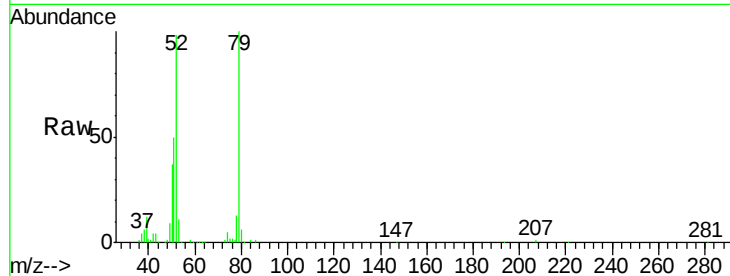
Tot Ion: 79 Resp: 432434

Ion Ratio Lower Upper

79 100

52 97.6 55.9 83.9#

51 49.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 48.34 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

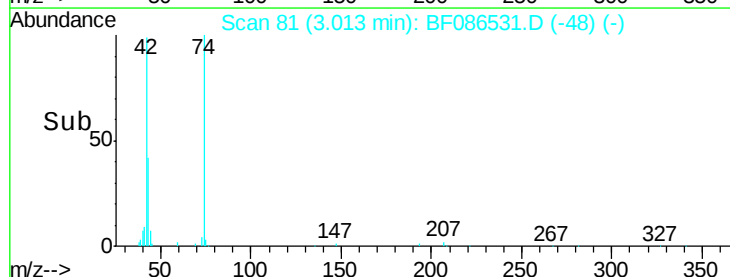
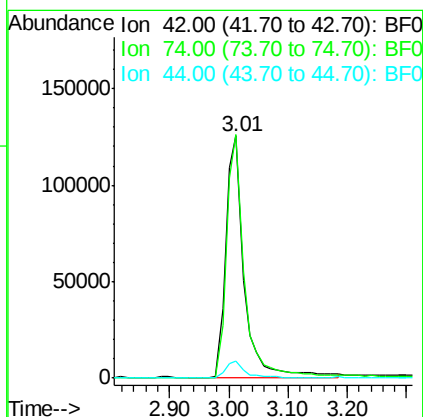
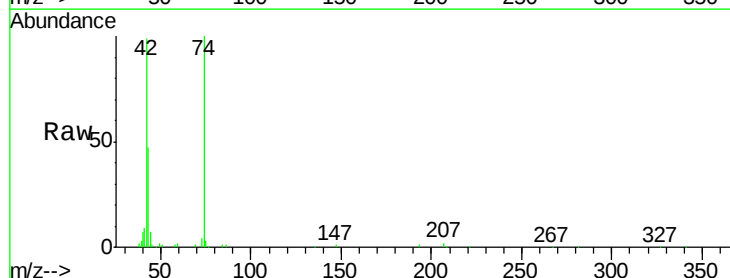
Tgt Ion: 42 Resp: 267752

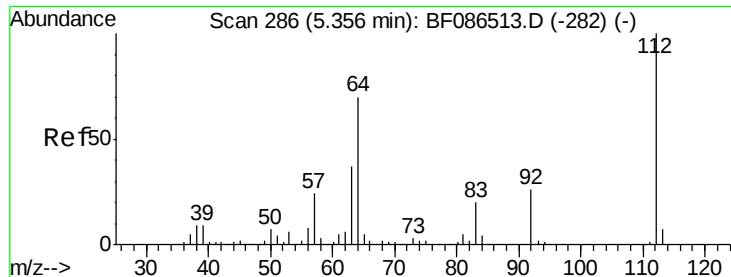
Ion Ratio Lower Upper

42 100

74 100.7 123.4 185.0#

44 7.2 5.8 8.6





#5

2-Fluorophenol

Concen: 134.99 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

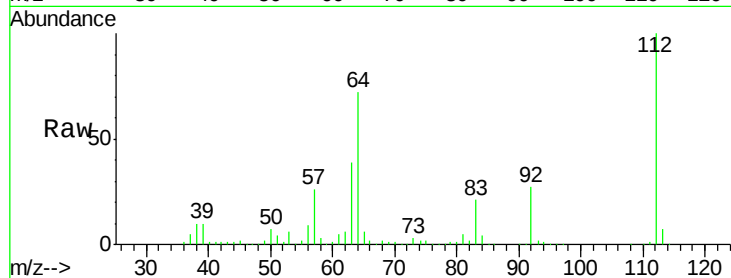
Tot Ion:112 Resp: 1055109

Ion Ratio Lower Upper

112 100

64 72.3 52.1 78.1

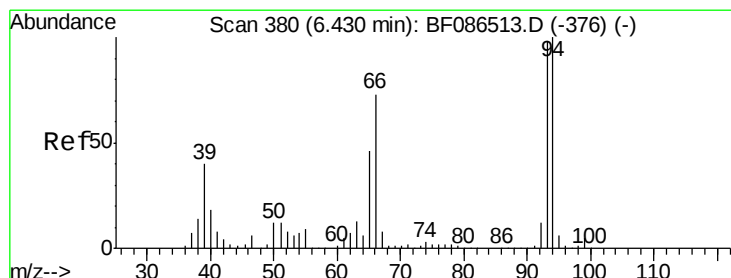
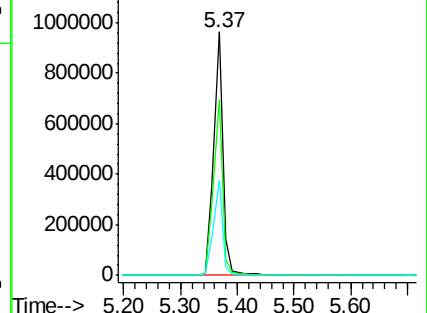
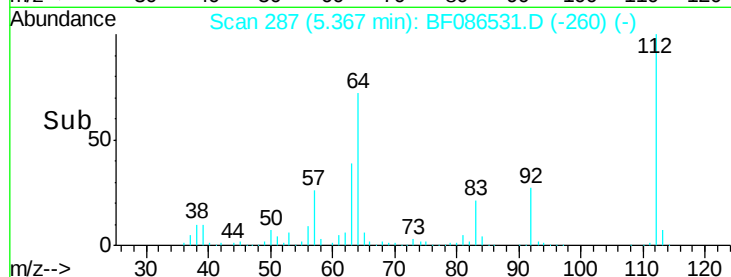
63 39.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.75 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

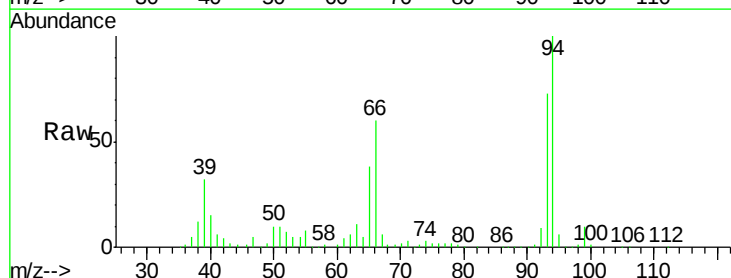
Tgt Ion: 93 Resp: 379568

Ion Ratio Lower Upper

93 100

66 82.5 39.0 58.6#

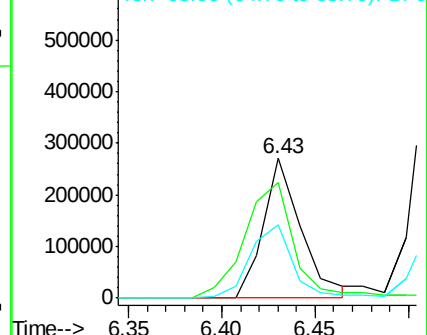
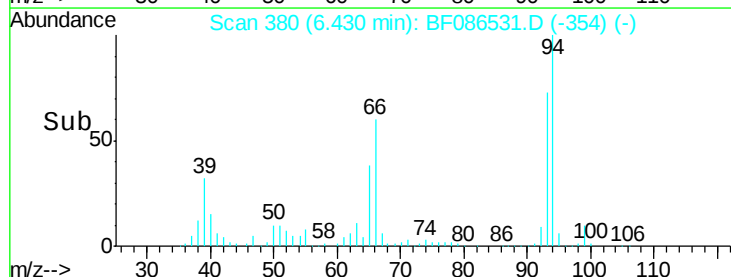
65 52.8 20.6 31.0#

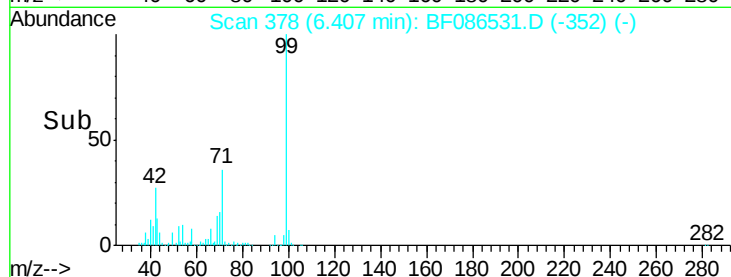
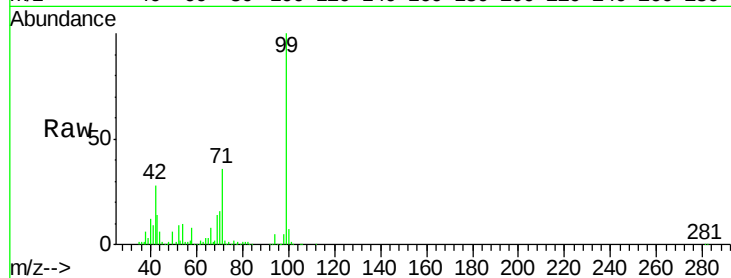
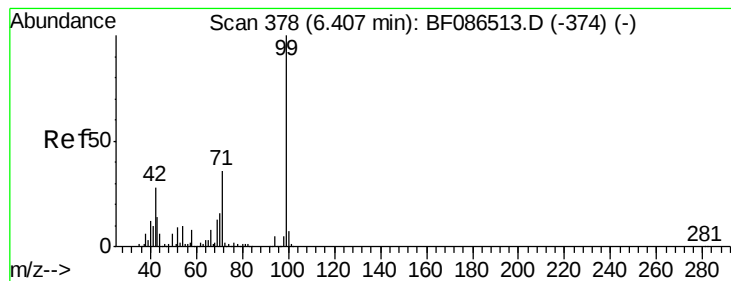


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 143.33 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086513.D

Acq: 30 Apr 2016 18:46

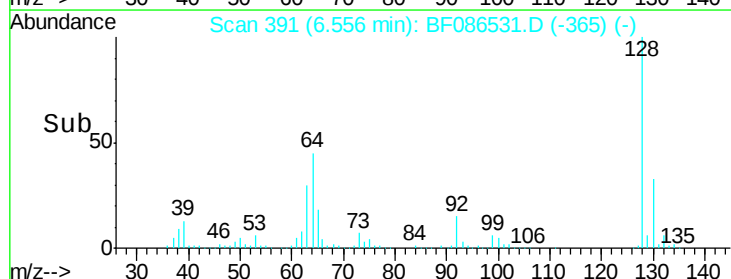
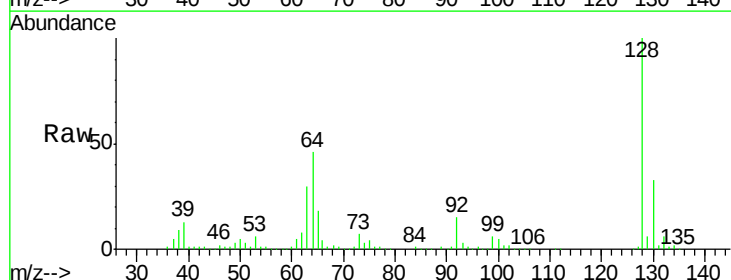
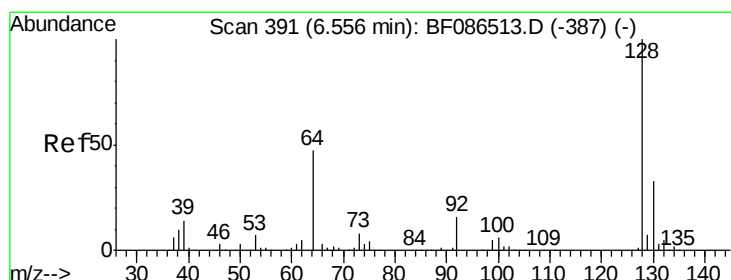
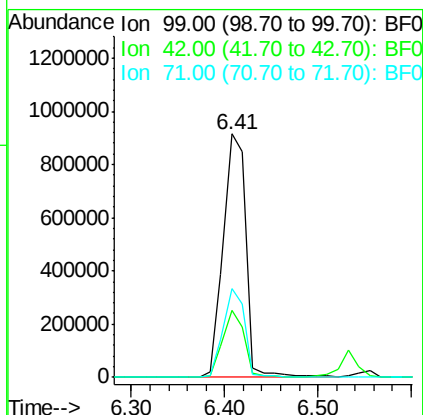
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1563600

Ion	Ratio	Lower	Upper
99	100		
42	27.5	13.6	20.4#
71	36.4	24.6	36.8



#8

2-Chlorophenol

Concen: 43.89 ng

RT: 6.56 min Scan# 391

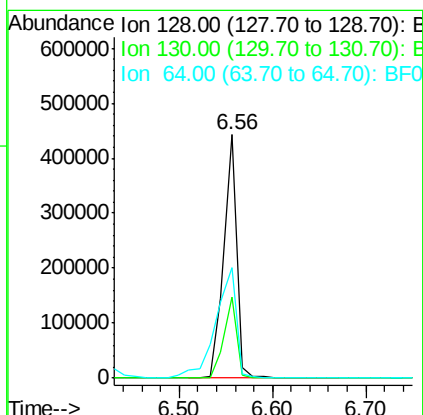
Delta R.T. 0.00 min

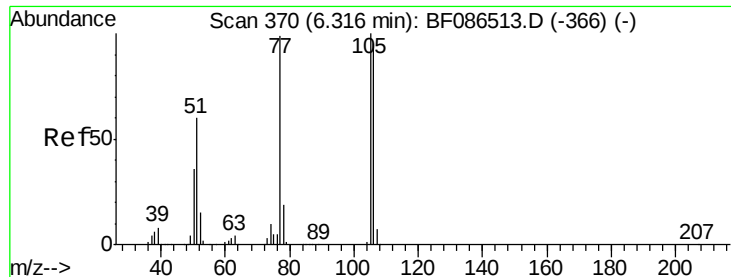
Lab File: BF086513.D

Acq: 30 Apr 2016 18:46

Tgt Ion: 128 Resp: 427256

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.5	52.5
64	45.5	27.3	67.3





#9

Benzaldehyde

Concen: 9.18 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

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ClientSampleId :

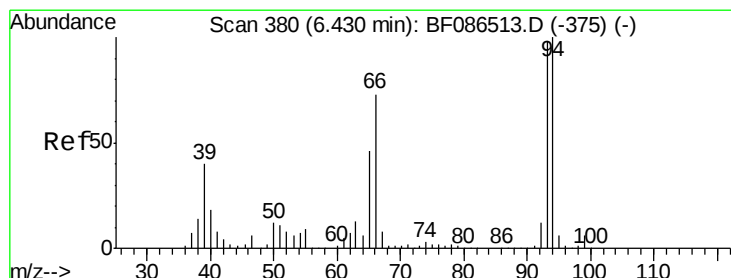
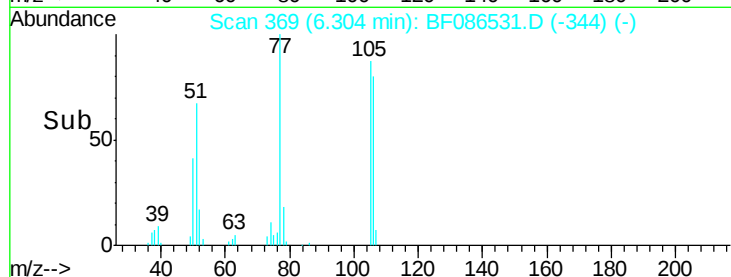
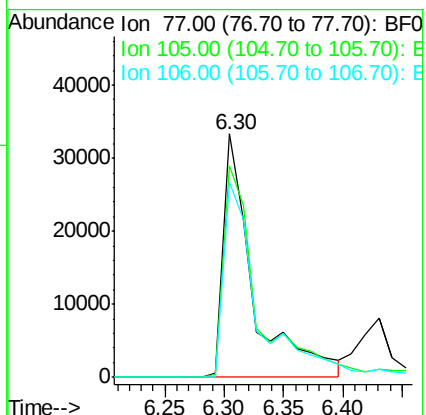
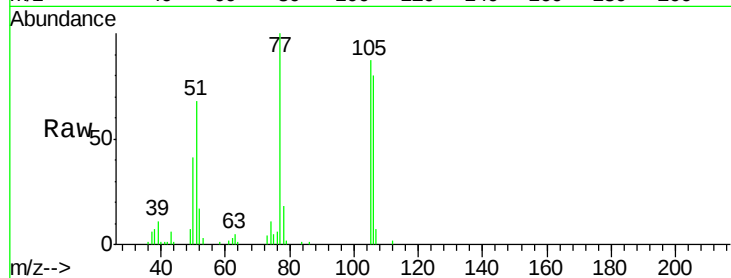
Tot Ion: 77 Resp: 58272

Ion Ratio Lower Upper

77 100

105 86.8 72.7 112.7

106 80.0 70.8 110.8



#10

Phenol

Concen: 40.63 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

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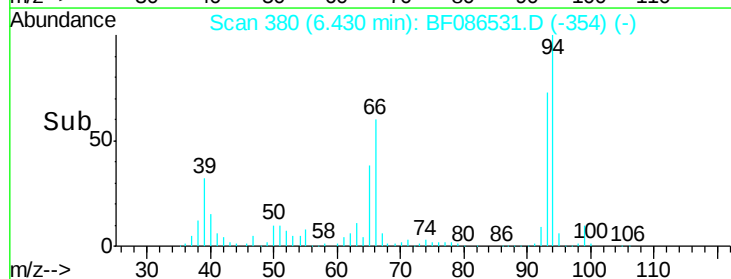
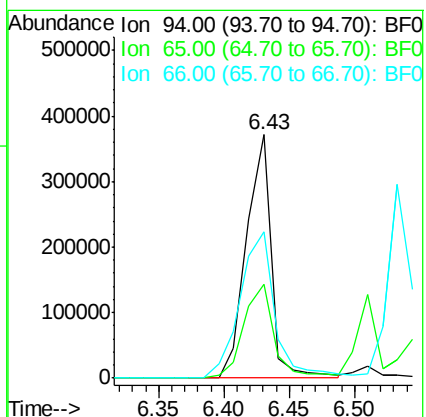
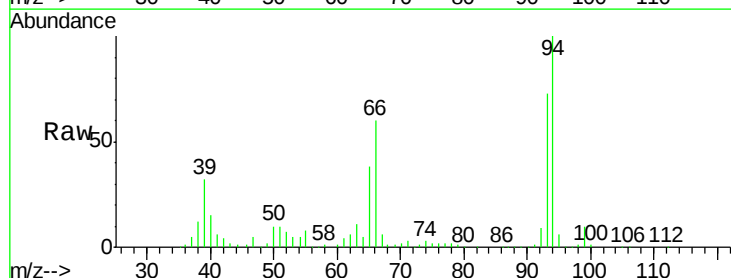
Tgt Ion: 94 Resp: 494488

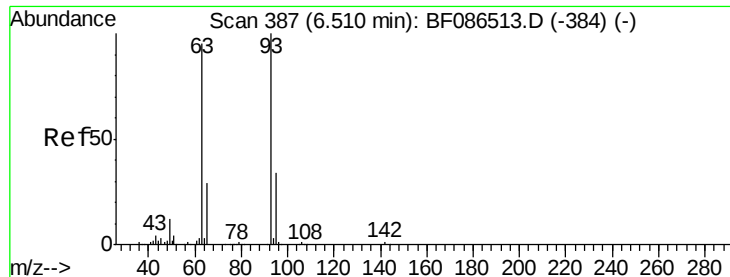
Ion Ratio Lower Upper

94 100

65 38.5 7.2 47.2

66 60.1 14.9 54.9#

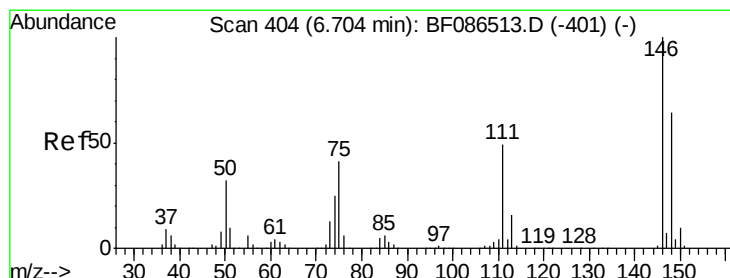
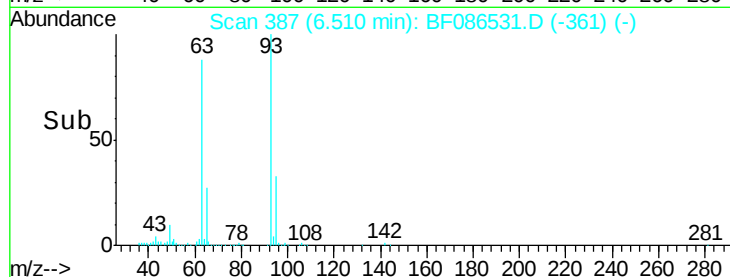
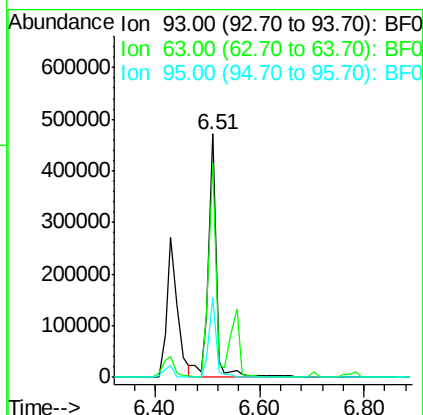
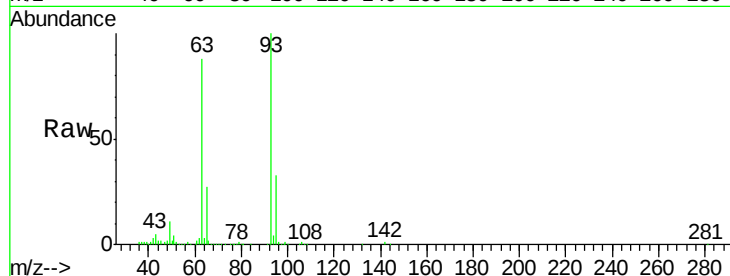




#11
bis(2-Chloroethyl)ether
Concen: 46.23 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

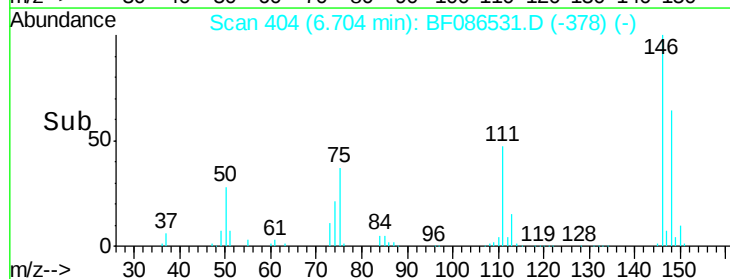
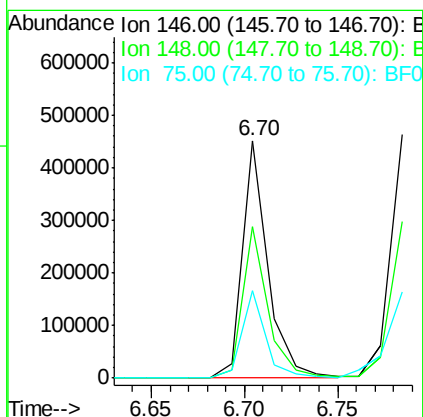
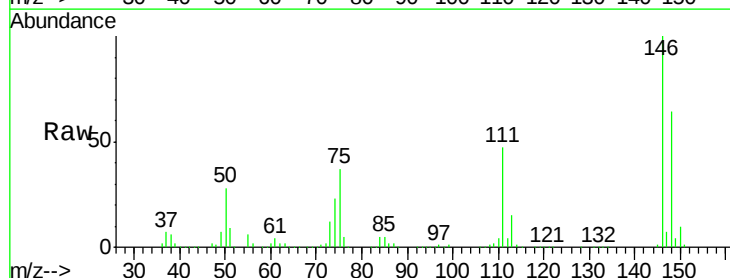
Instrument :
BNA_F
ClientSampleId :

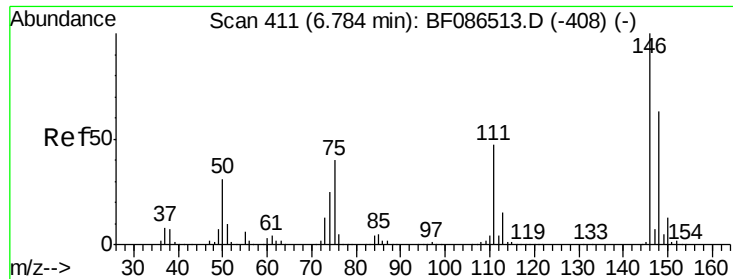
Tot Ion: 93 Resp: 486425
Ion Ratio Lower Upper
93 100
63 88.2 58.0 98.0
95 32.6 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.97 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

Tgt Ion: 146 Resp: 429001
Ion Ratio Lower Upper
146 100
148 63.7 52.4 78.6
75 36.9 22.8 34.2#

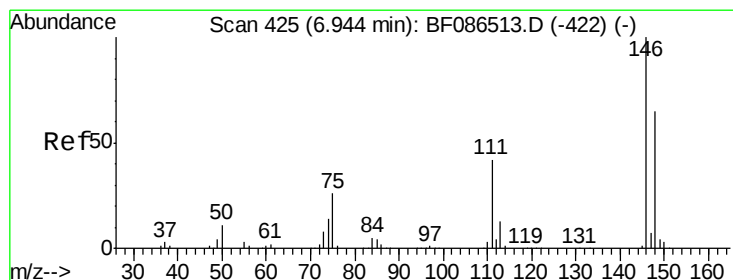
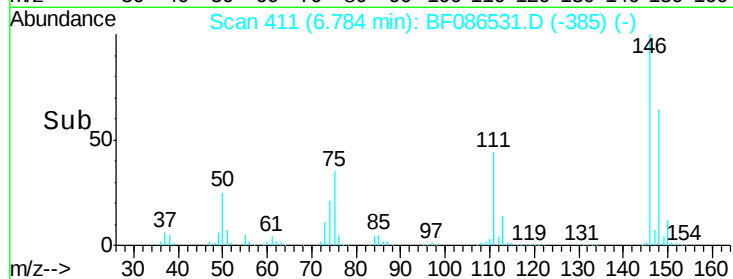
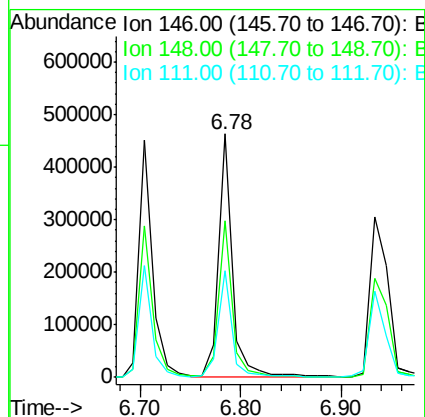
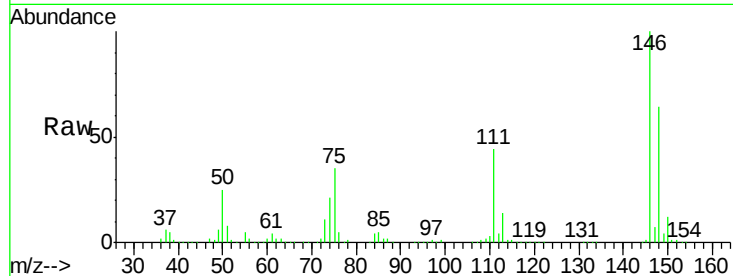




#13
 1,4-Dichlorobenzene
 Concen: 41.16 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

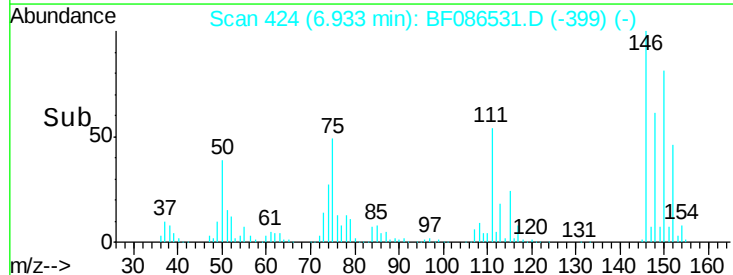
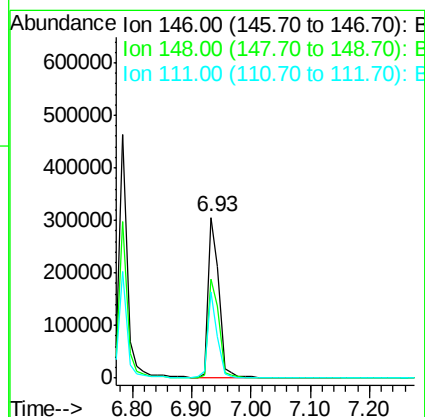
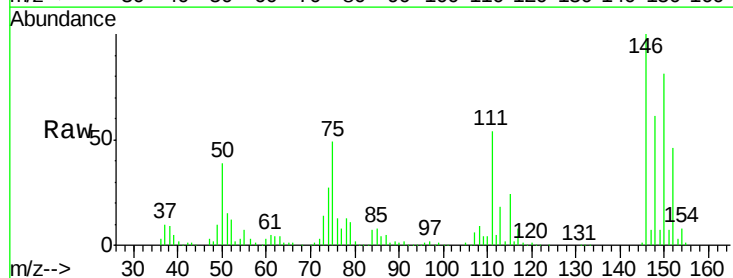
Instrument :
 BNA_F
 ClientSampleID :

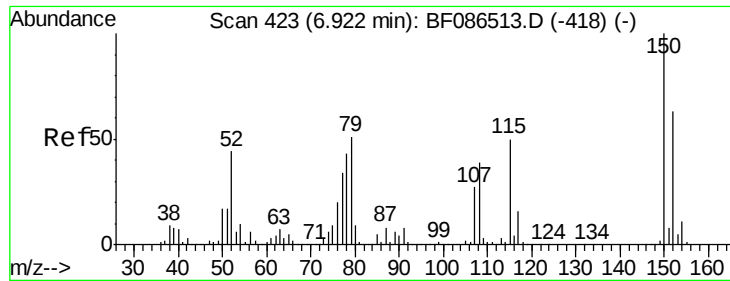
Tot Ion:146 Resp: 444675
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 44.0 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.37 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:146 Resp: 390116
 Ion Ratio Lower Upper
 146 100
 148 61.3 51.0 76.6
 111 53.6 36.2 54.4

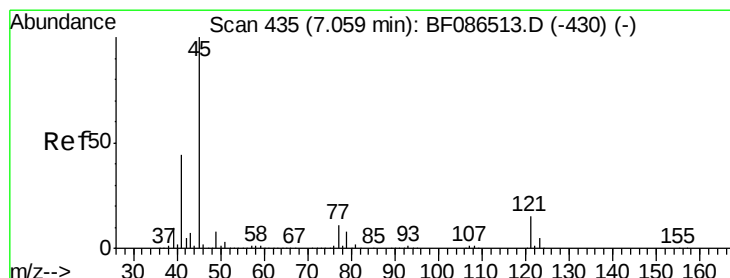
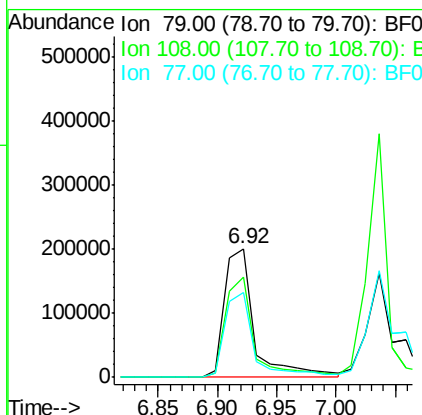
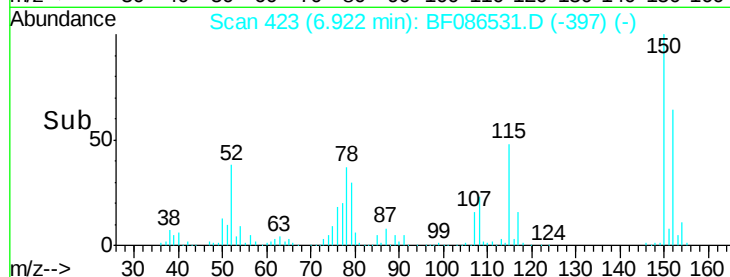
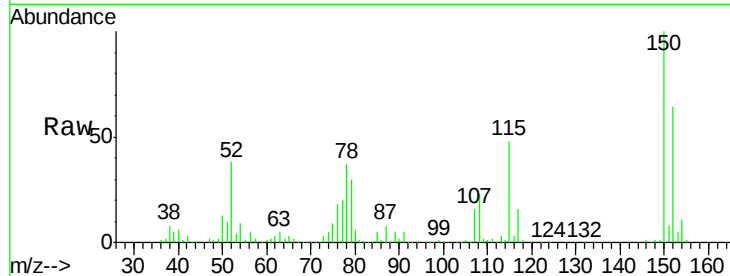




#15
Benzyl Alcohol
Concen: 50.83 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

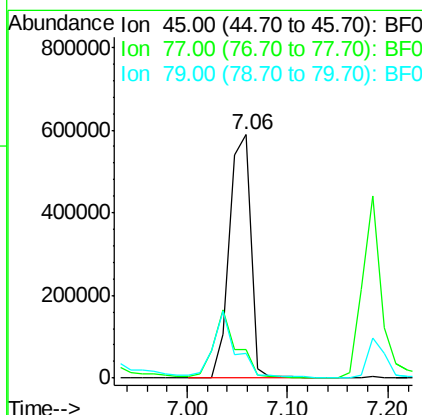
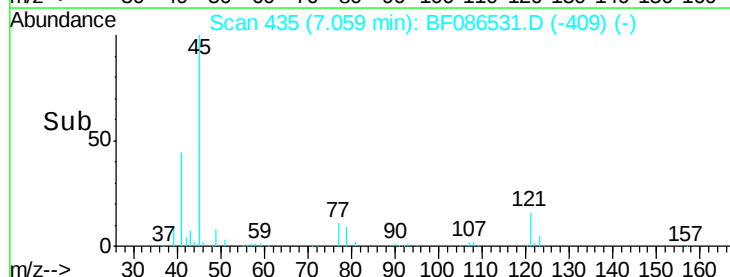
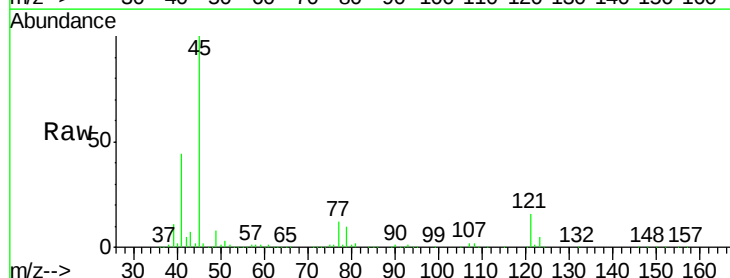
Instrument :
BNA_F
ClientSampleId :

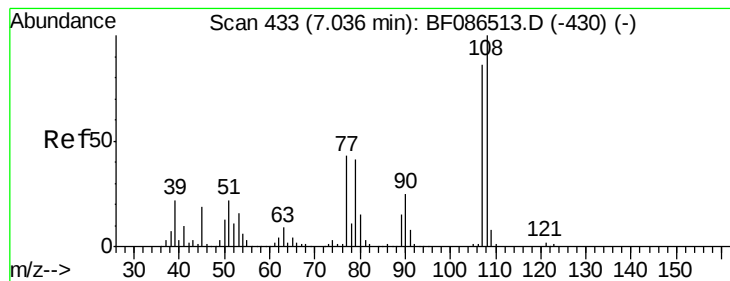
Tot Ion: 79 Resp: 350832
Ion Ratio Lower Upper
79 100
108 77.5 68.4 102.6
77 66.1 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.52 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

Tgt Ion: 45 Resp: 874389
Ion Ratio Lower Upper
45 100
77 11.9 0.0 36.4
79 9.9 0.0 33.4

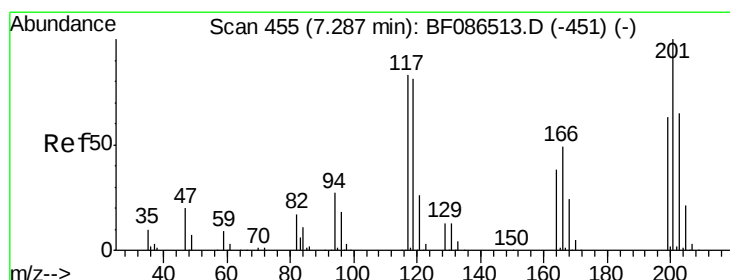
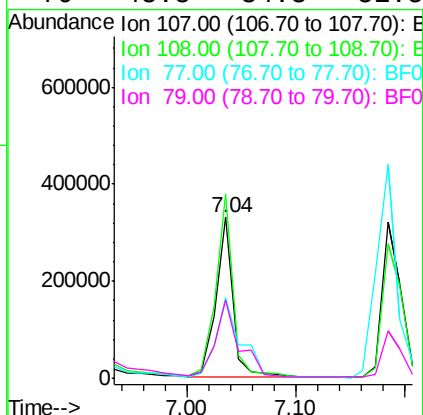
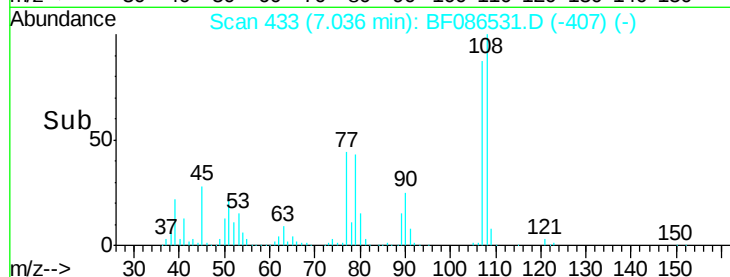
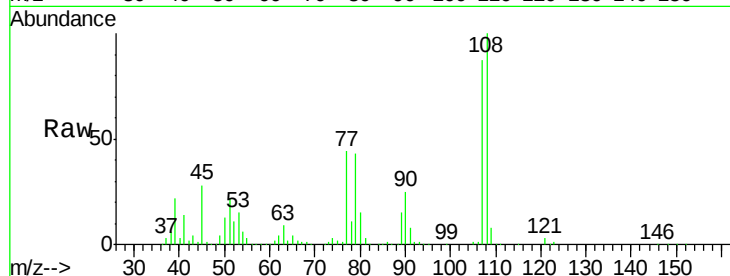




#17
2-Methylphenol
Concen: 46.96 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

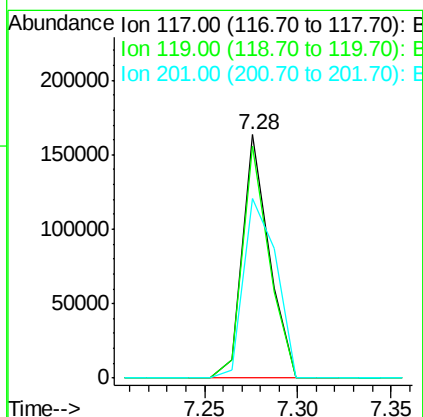
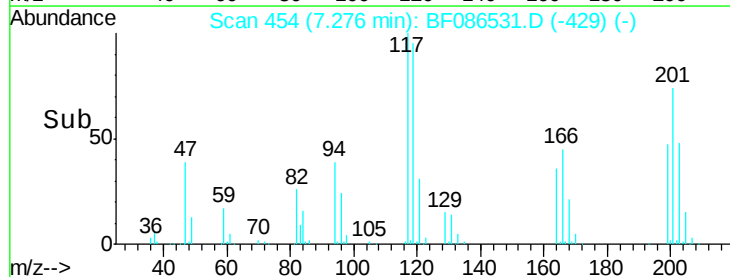
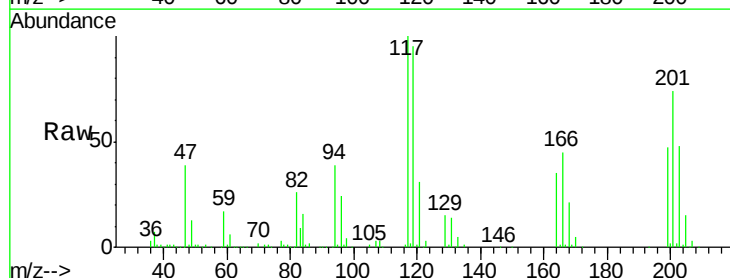
Instrument :
BNA_F
ClientSampleId :

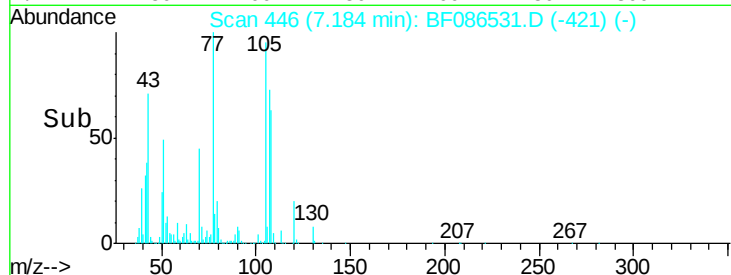
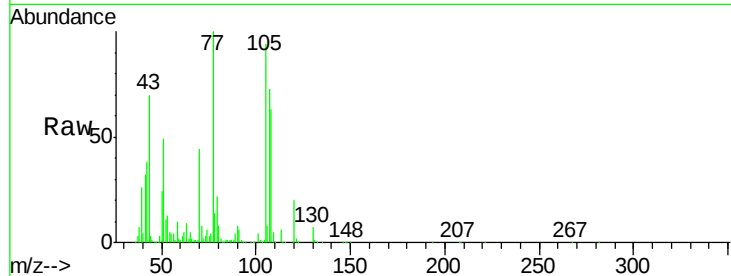
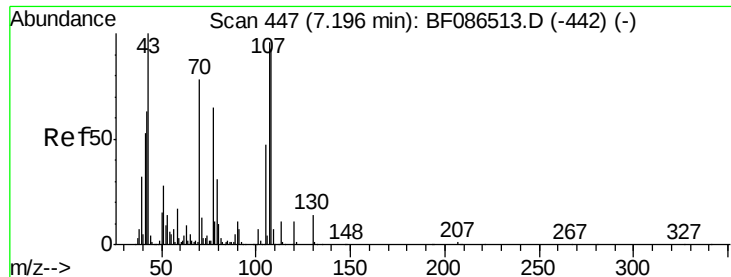
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.7	140.5
77	50.2	33.4	50.0
79	48.8	34.3	51.5



#18
Hexachloroethane
Concen: 40.29 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.5	114.7
201	73.8	63.0	94.6

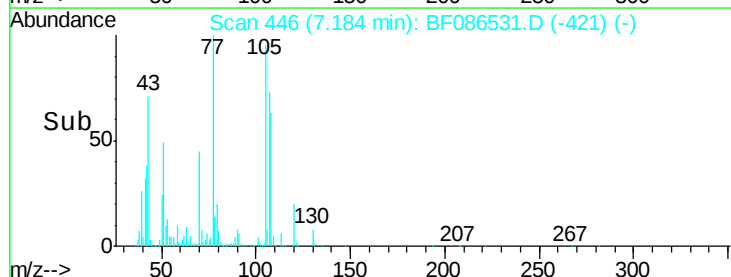
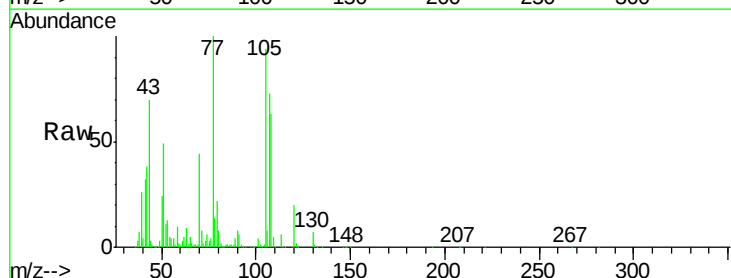
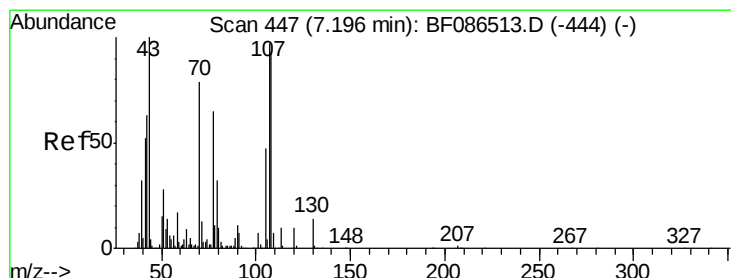
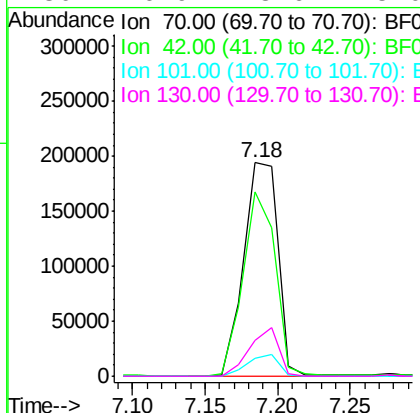




#19
n-Nitroso-di-n-propylamine
Concen: 44.36 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

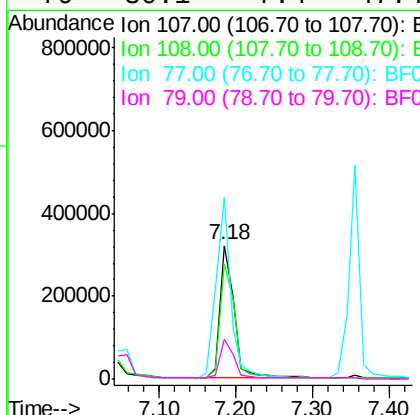
Instrument :
BNA_F
ClientSampleId :

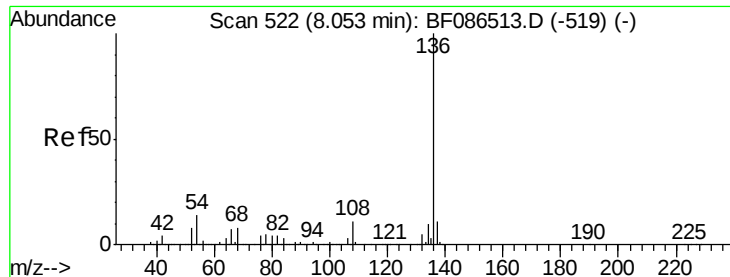
Tot Ion: 70 Resp: 319845
Ion Ratio Lower Upper
70 100
42 86.2 43.1 64.7#
101 8.2 8.1 12.1
130 16.9 18.6 28.0#



#20
3+4-Methylphenols
Concen: 46.42 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:107 Resp: 417023
Ion Ratio Lower Upper
107 100
108 86.3 68.5 108.5
77 136.6 101.6 141.6
79 30.1 7.4 47.4

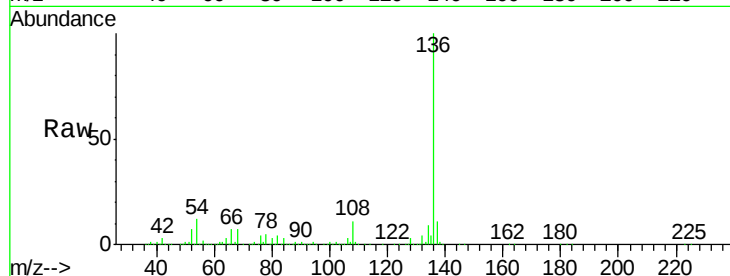




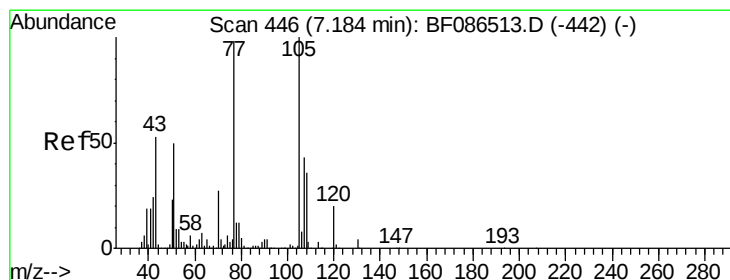
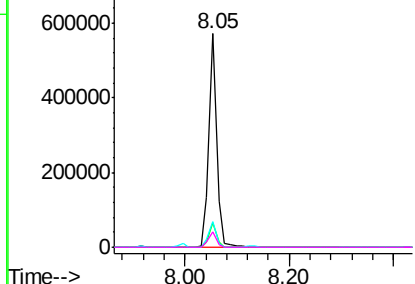
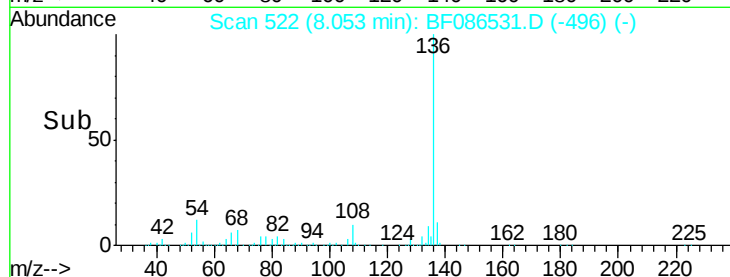
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	595119
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	12.3	5.0 7.4#
68	7.3	4.4 6.6#

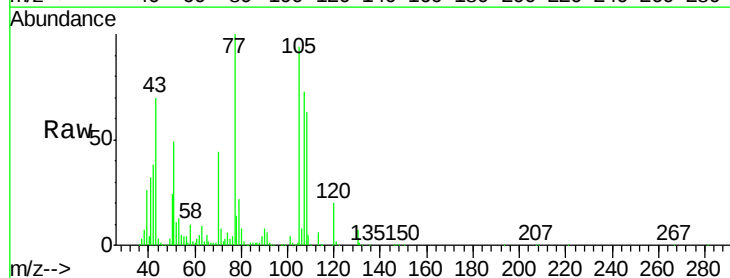


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

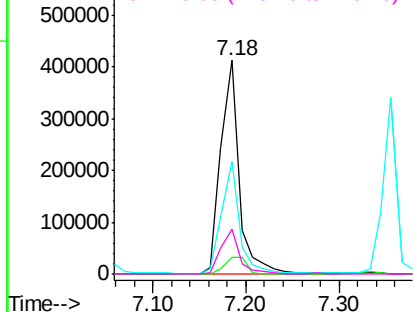
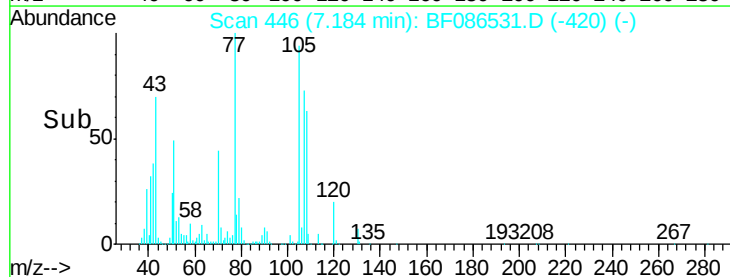


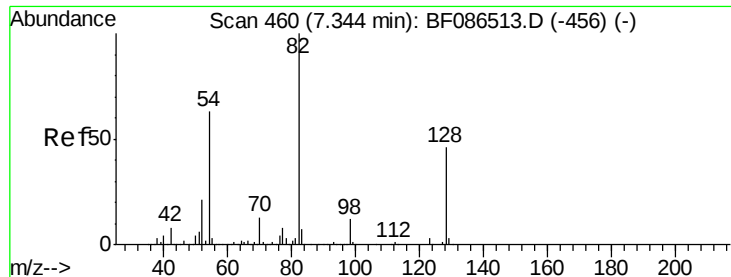
#22
Acetophenone
Concen: 43.69 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:105	Resp:	570075
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.8 7.2#
51	52.5	32.6 49.0#
120	21.0	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: 85.49 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

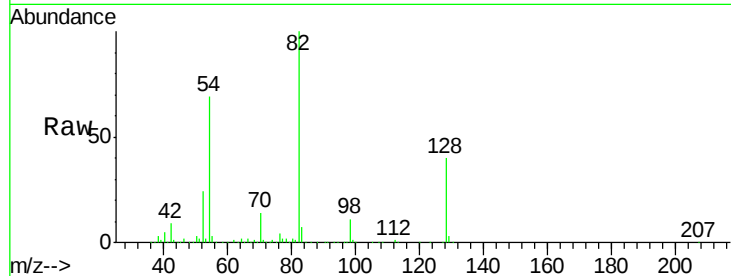
Tot Ion: 82 Resp: 943856

Ion Ratio Lower Upper

82 100

128 40.0 40.6 61.0#

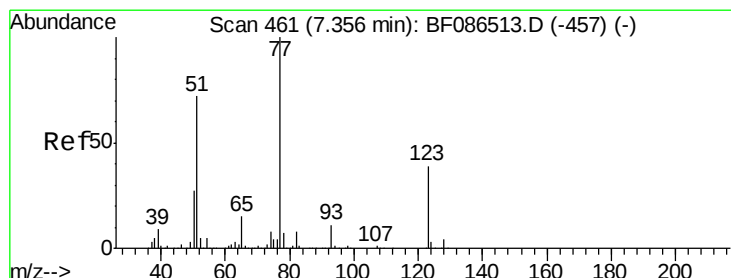
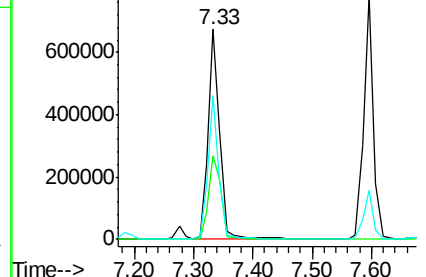
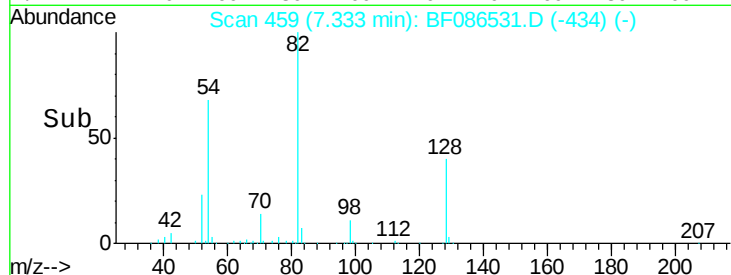
54 68.5 38.1 57.1#



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: 44.51 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

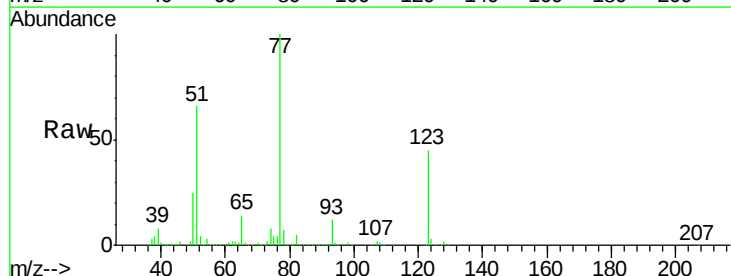
Tgt Ion: 77 Resp: 505518

Ion Ratio Lower Upper

77 100

123 44.6 33.0 49.4

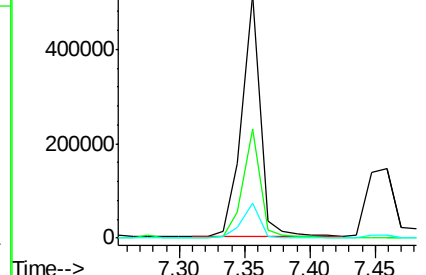
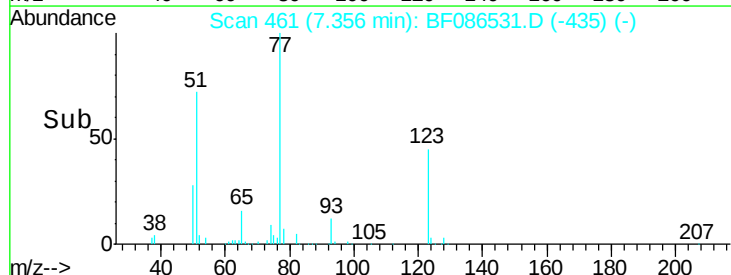
65 14.3 10.8 16.2

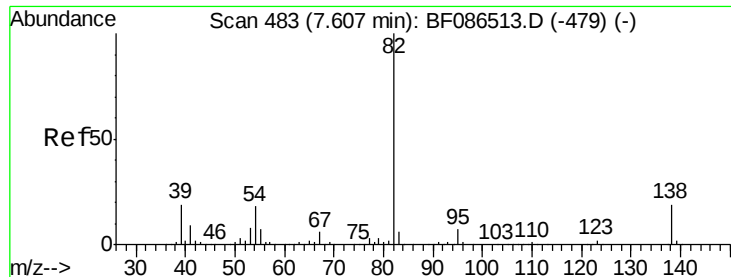


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.48 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampled :

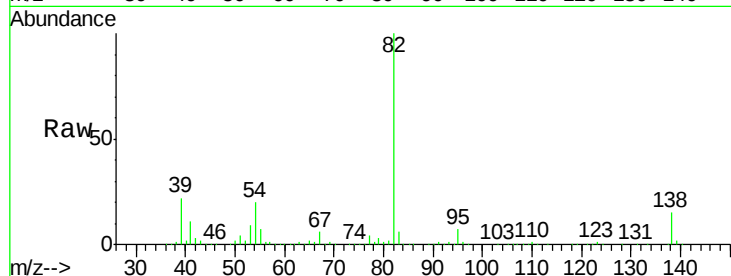
Tot Ion: 82 Resp: 881320

Ion Ratio Lower Upper

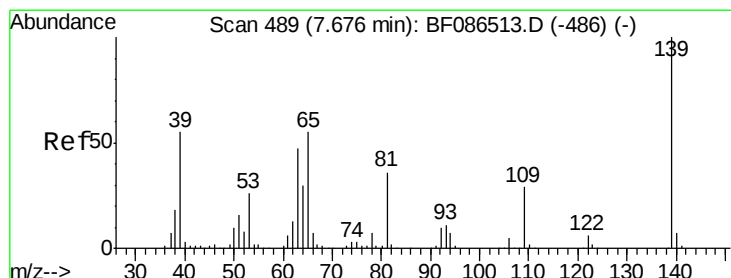
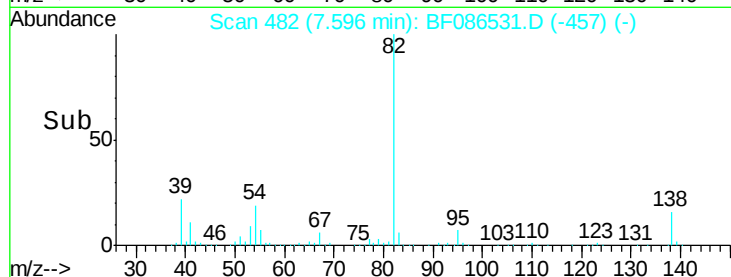
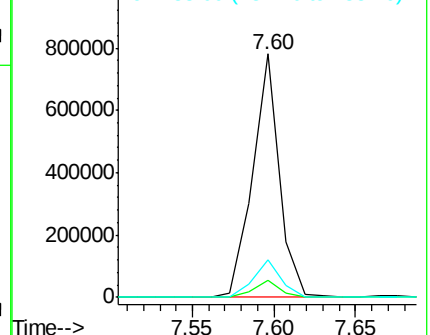
82 100

95 6.9 5.1 7.7

138 15.4 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.39 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

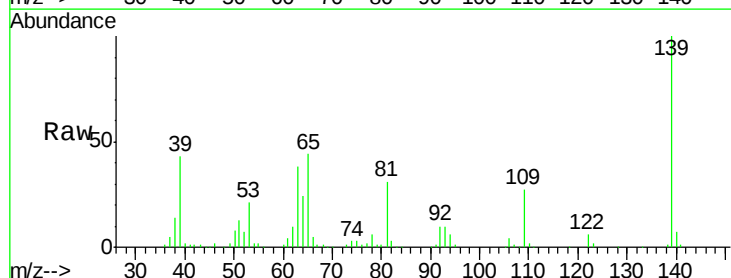
Tgt Ion: 139 Resp: 237342

Ion Ratio Lower Upper

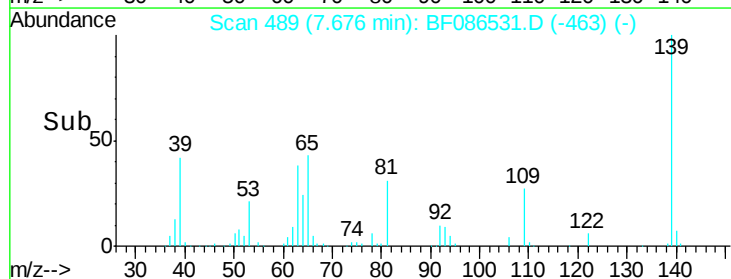
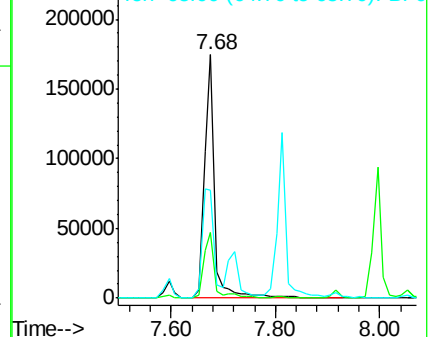
139 100

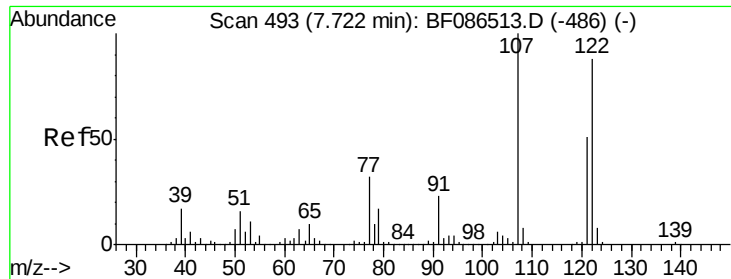
109 26.9 19.5 29.3

65 44.3 37.5 56.3



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

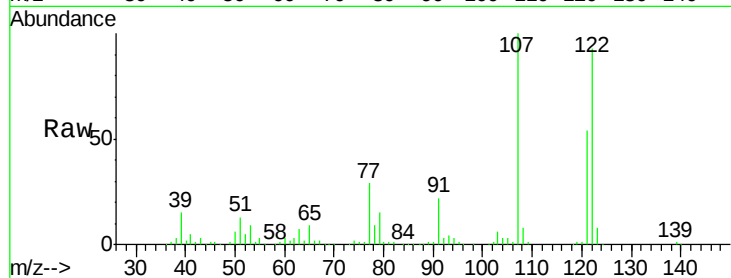




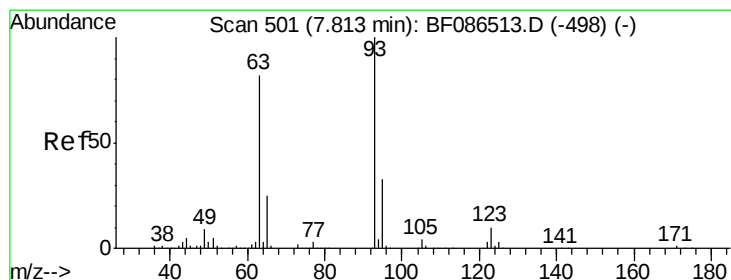
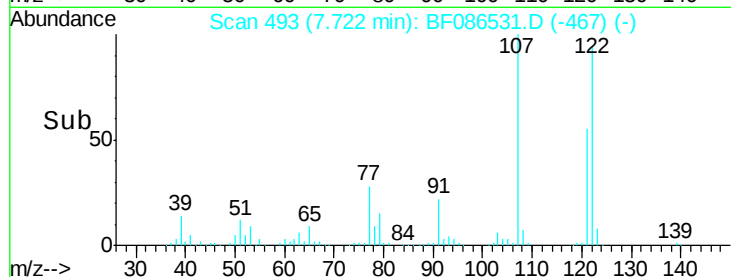
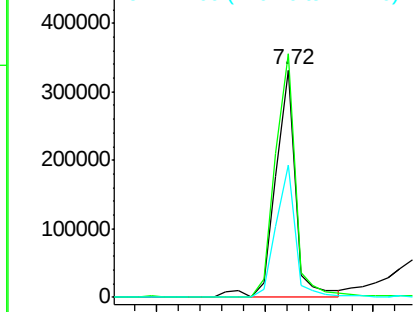
#27
2,4-Dimethylphenol
Concen: 46.12 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 423198
Ion Ratio Lower Upper
122 100
107 107.2 82.0 123.0
121 58.2 46.1 69.1

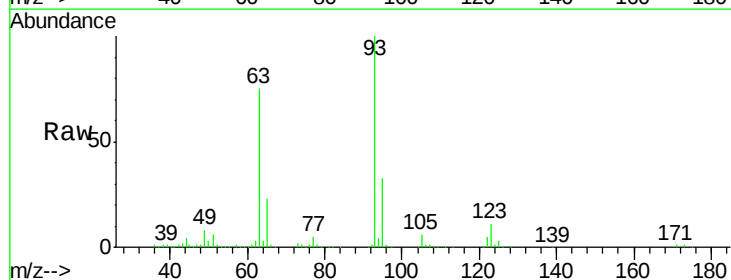


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

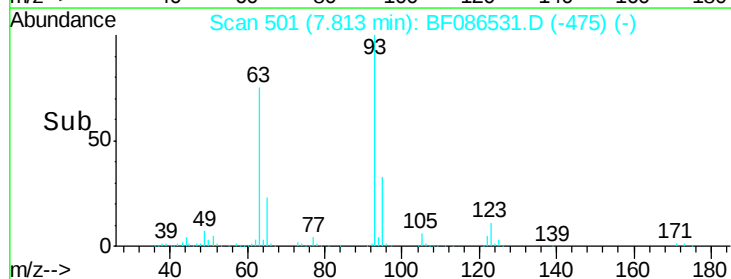
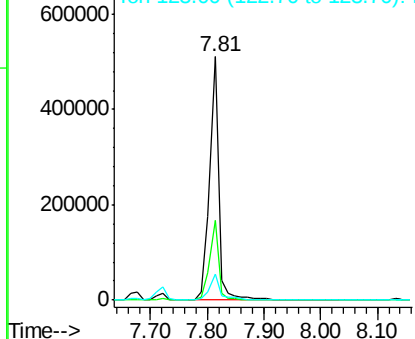


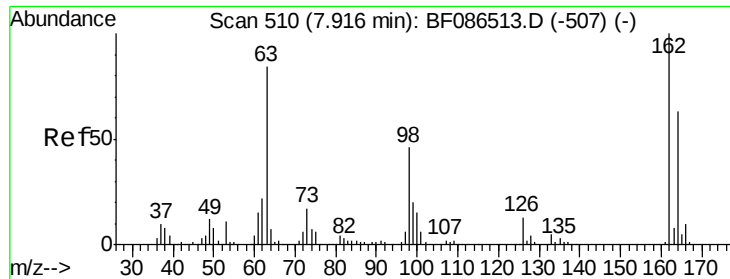
#28
bis(2-Chloroethoxy)methane
Concen: 47.18 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion: 93 Resp: 546179
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 10.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

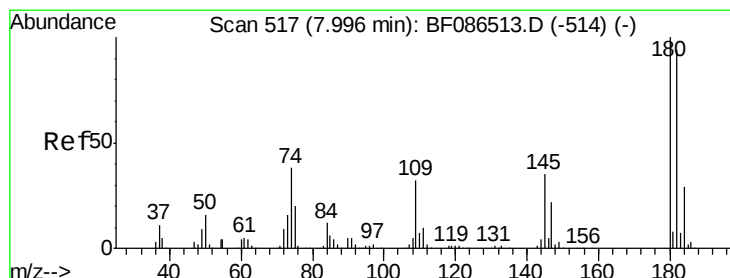
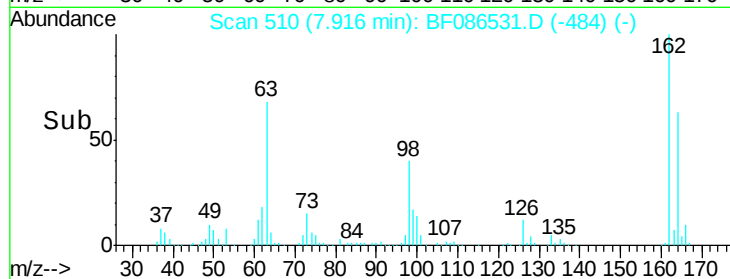
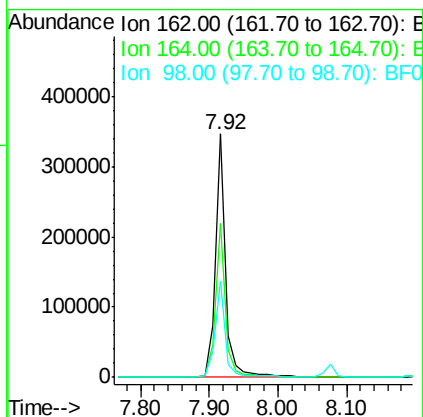
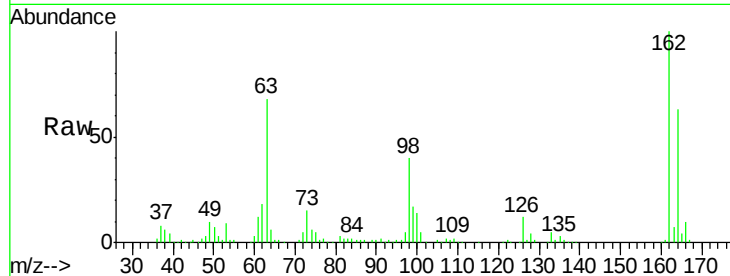




#29
 2,4-Dichlorophenol
 Concen: 47.17 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF086513.D
 Acq: 30 Apr 2016 18:46

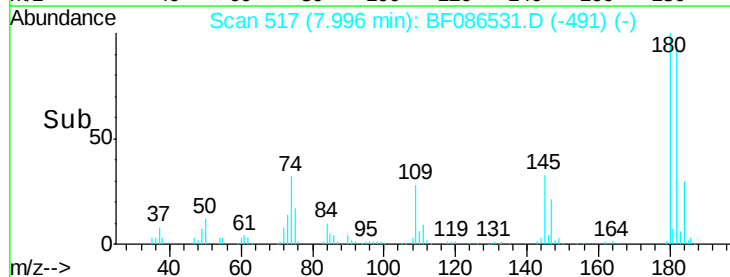
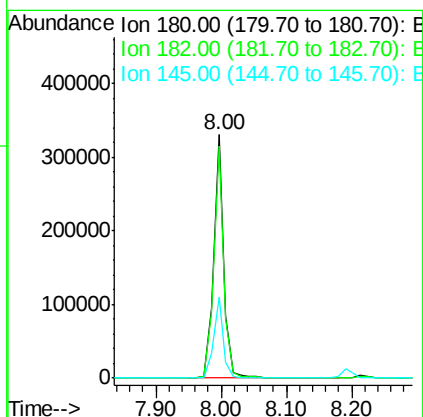
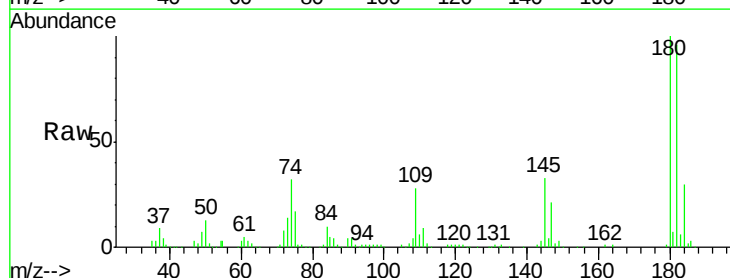
Instrument :
 BNA_F
 ClientSampleId :

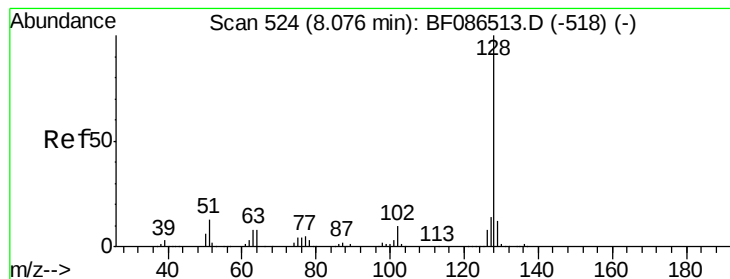
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.2	82.2
98	39.8	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF086513.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.0	117.0
145	33.4	24.2	36.2





#31

Naphthalene

Concen: 41.42 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

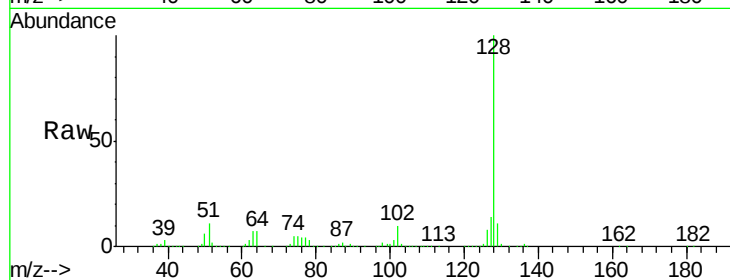
Tot Ion:128 Resp: 1254432

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

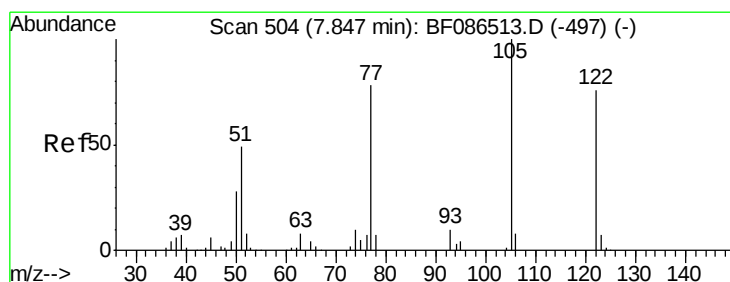
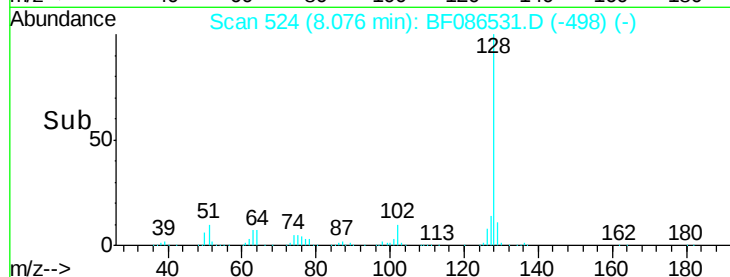
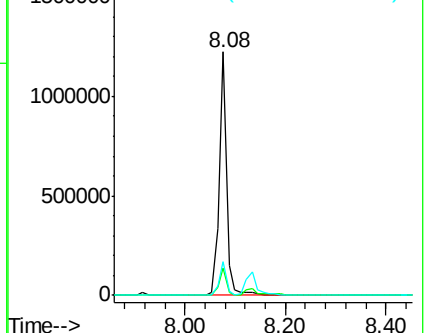
127 13.7 10.8 16.2



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: 37.58 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

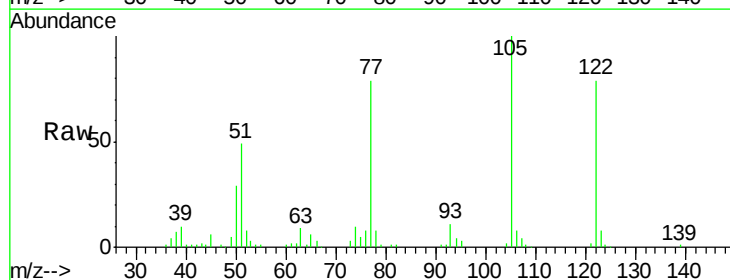
Tgt Ion:122 Resp: 195820

Ion Ratio Lower Upper

122 100

105 126.5 92.6 132.6

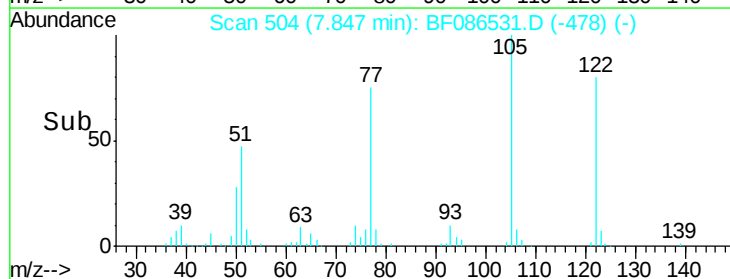
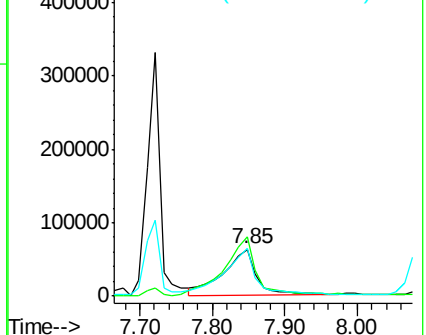
77 100.5 60.0 100.0#

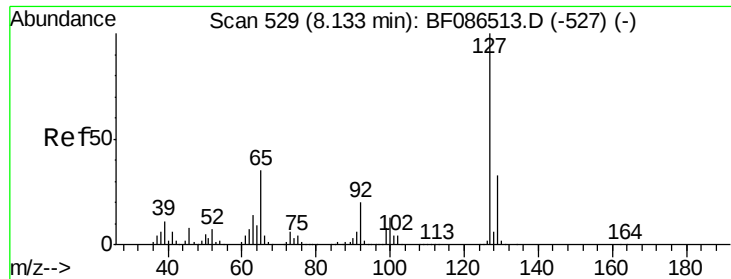


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

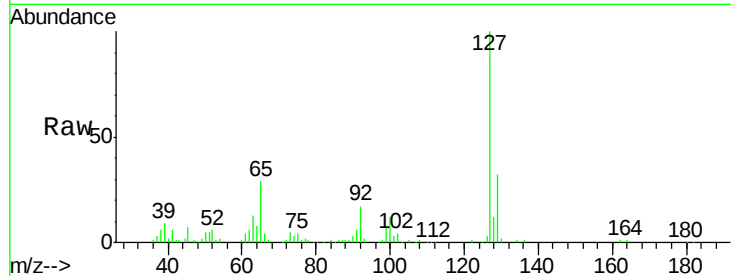




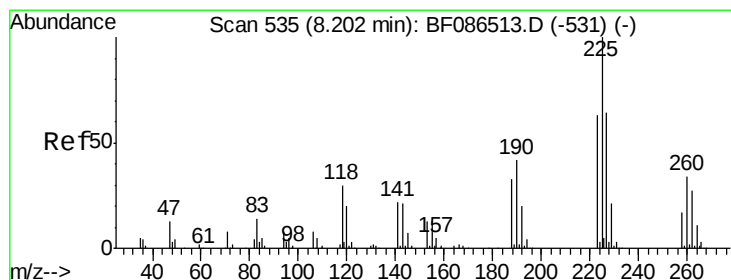
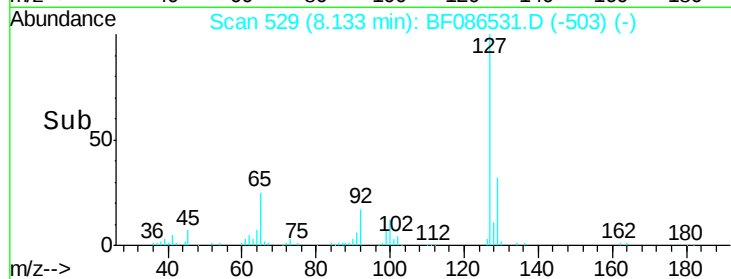
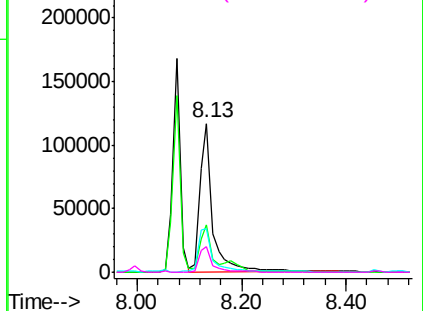
#33
4-Chloroaniline
Concen: 17.67 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	200364
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.4
65	29.3	23.0	34.4
92	16.8	15.1	22.7

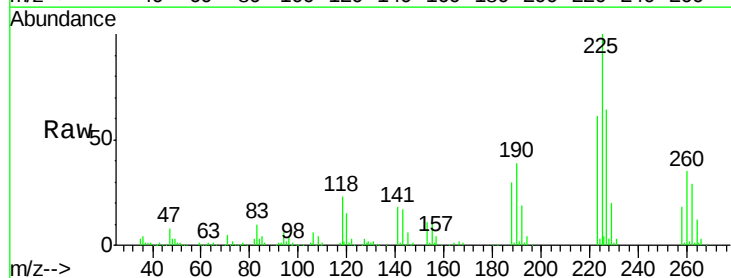


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

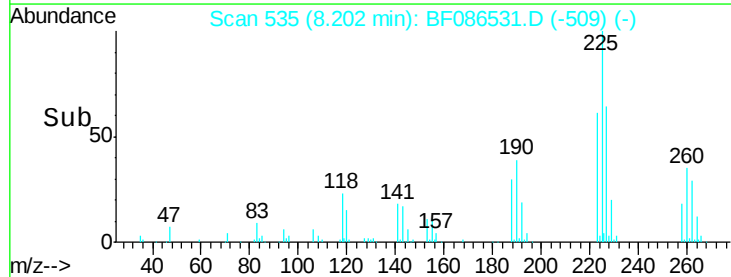
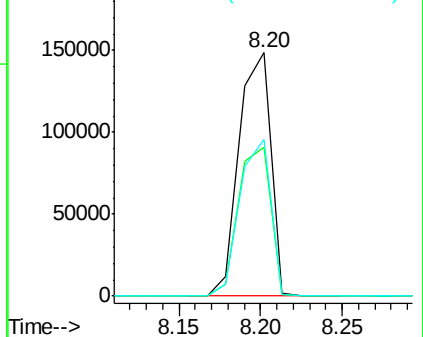


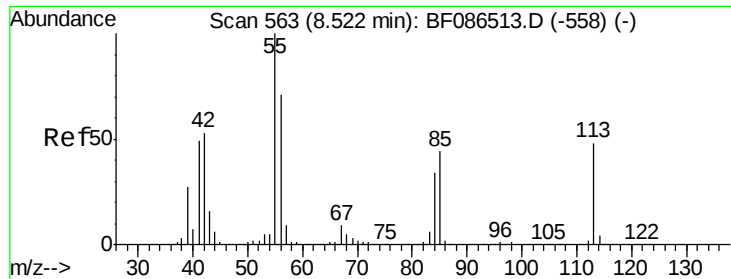
#34
Hexachlorobutadiene
Concen: 39.61 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:	225	Resp:	199412
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.5	77.3
227	64.5	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

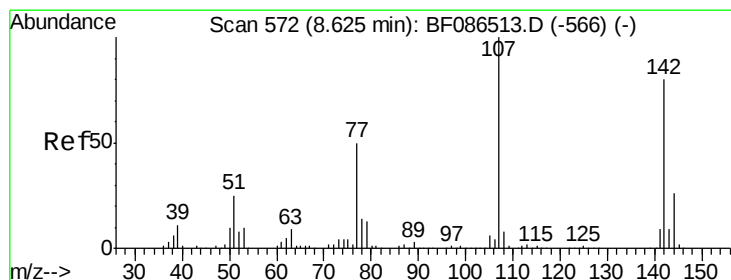
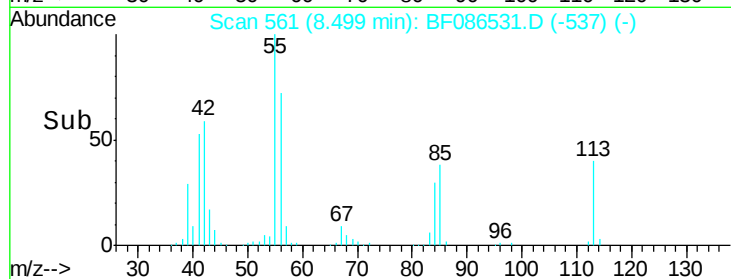
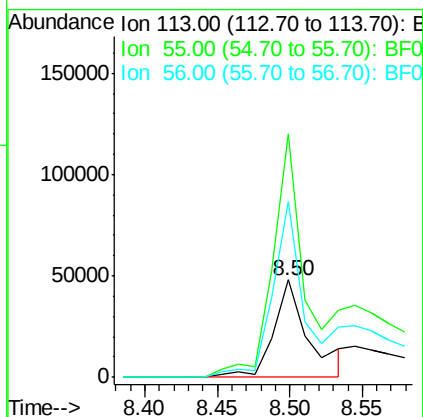
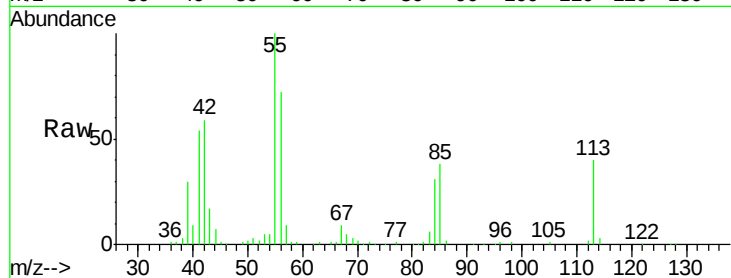




#35
 Caprolactam
 Concen: 31.01 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

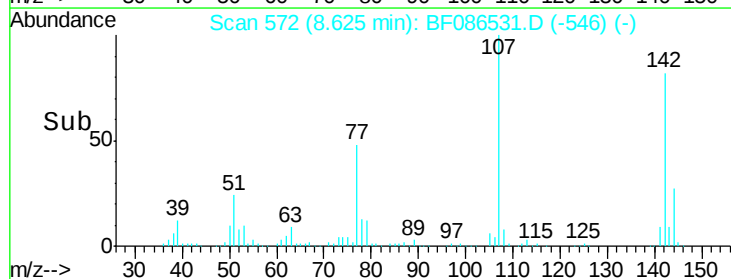
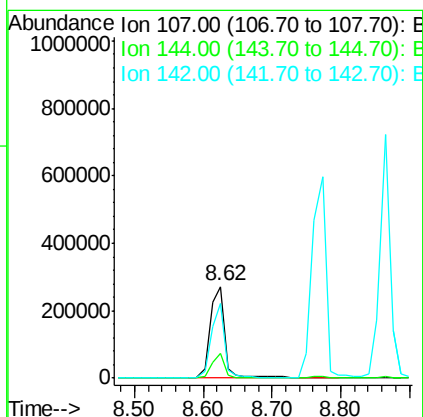
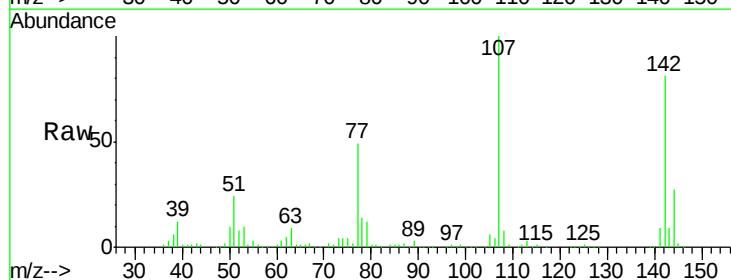
Instrument :
 BNA_F
 ClientSampleId :

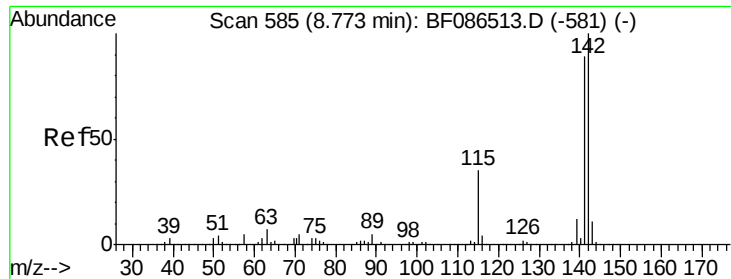
Tot Ion:113 Resp: 80098
 Ion Ratio Lower Upper
 113 100
 55 250.3 162.0 202.0#
 56 180.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 46.61 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:107 Resp: 413143
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.7 31.1
 142 81.4 63.2 94.8

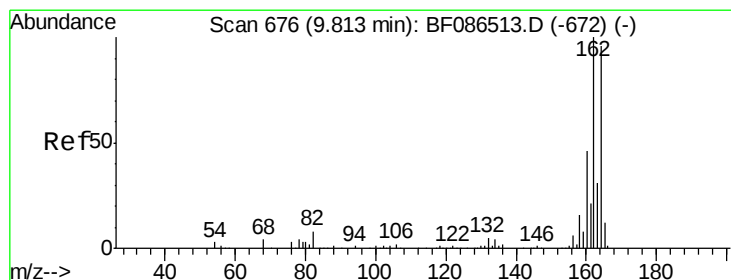
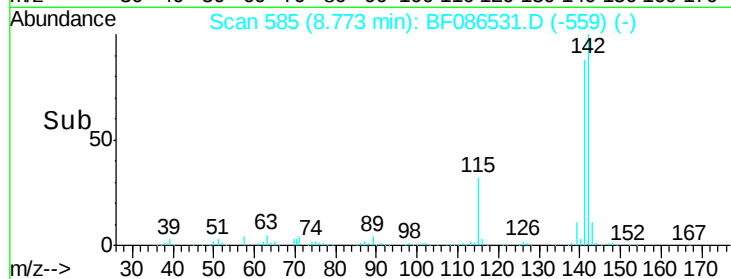
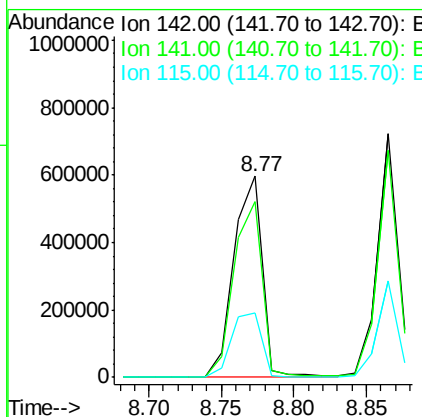
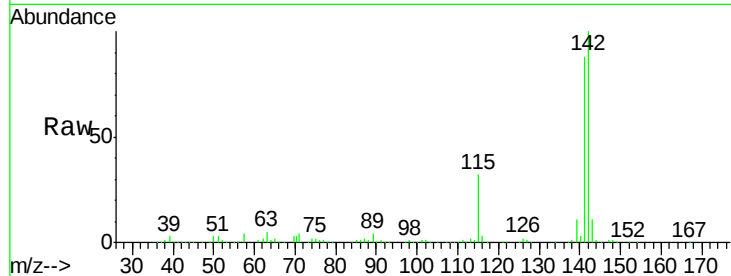




#37
2-Methylnaphthalene
Concen: 45.25 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

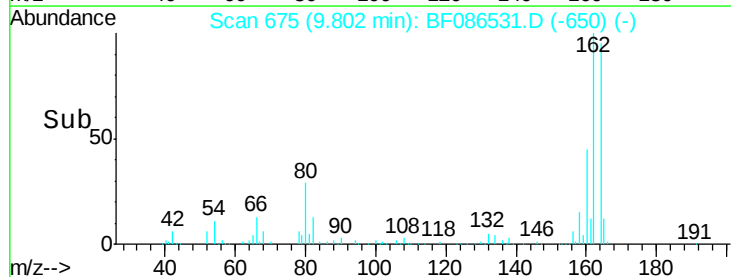
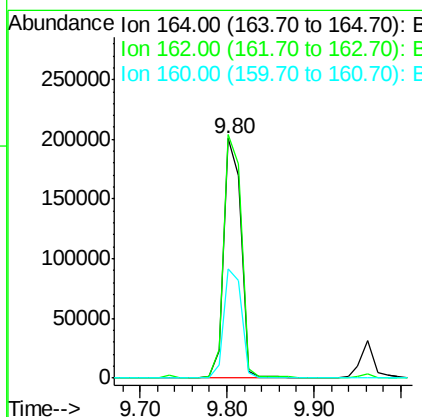
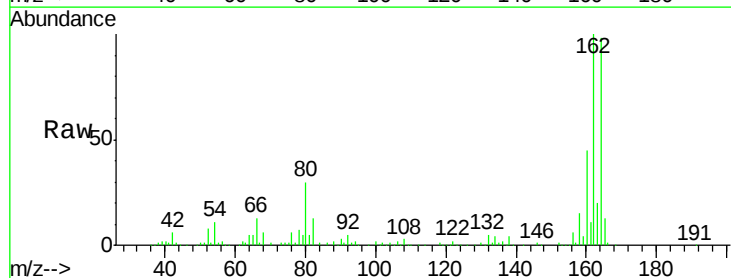
Instrument :
BNA_F
ClientSampled :

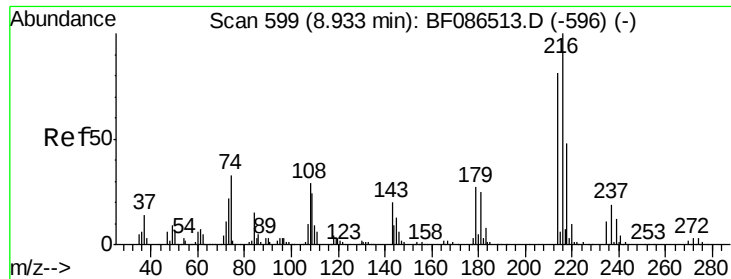
Tot Ion:142 Resp: 808480
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6
115 31.9 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

Tgt Ion:164 Resp: 279537
Ion Ratio Lower Upper
164 100
162 101.7 82.8 124.2
160 45.5 36.9 55.3

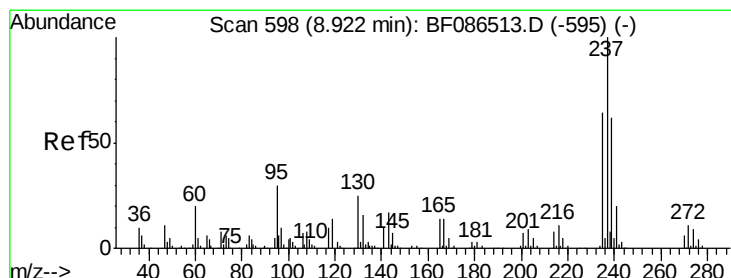
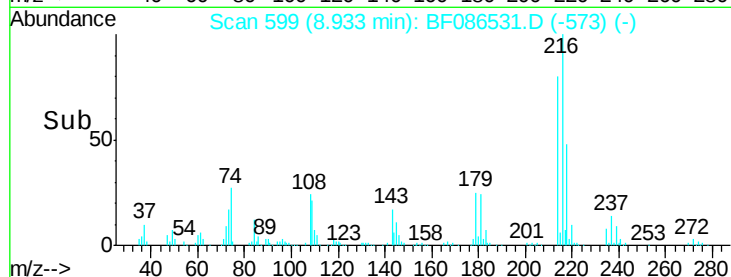
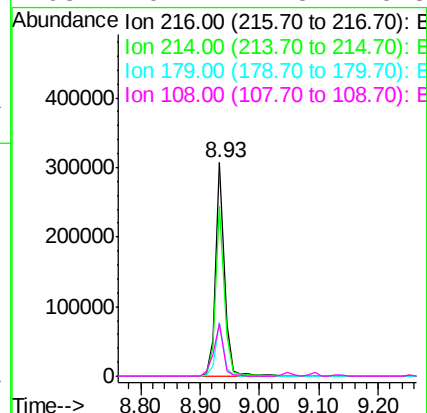
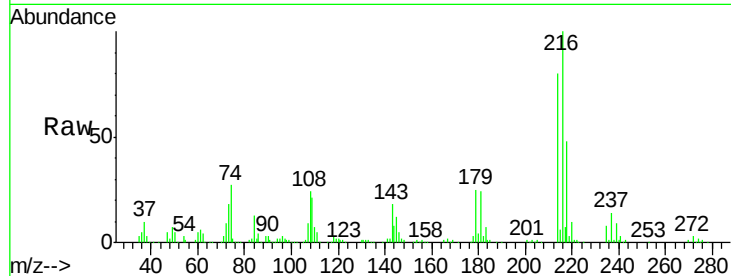




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.47 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

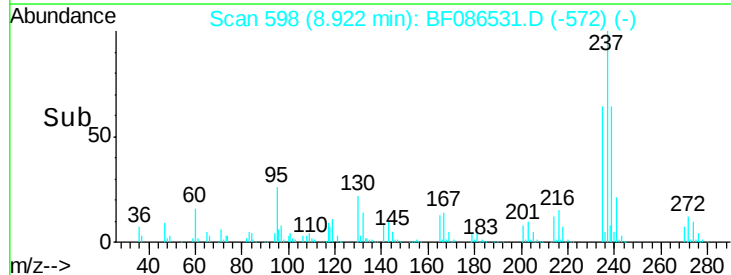
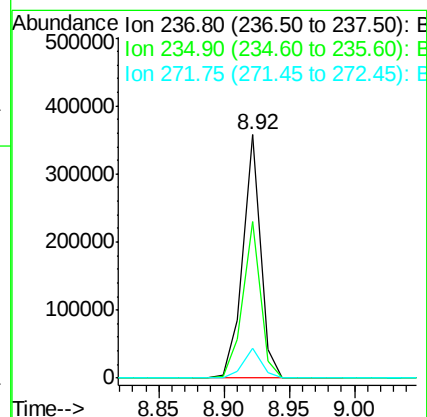
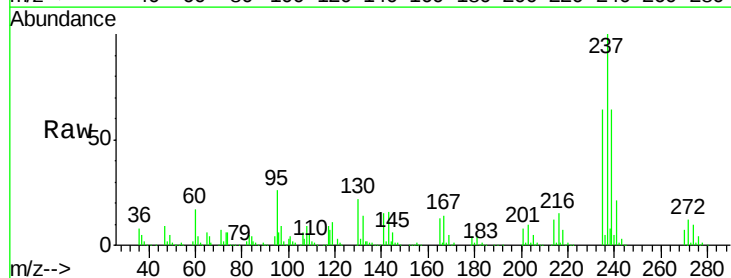
Instrument :
 BNA_F
 ClientSampled :

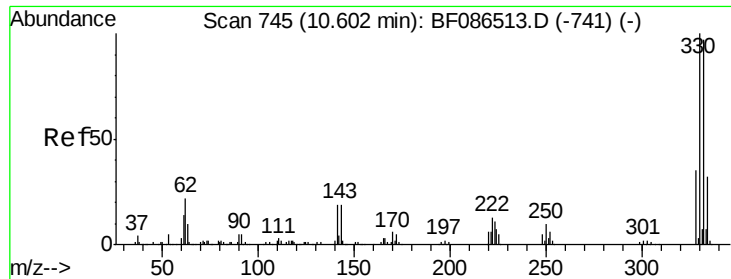
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	23.9	18.2	27.4
108	26.7	17.5	26.3



#40
 Hexachlorocyclopentadiene
 Concen: 84.56 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	47.2	87.2
272	12.4	0.0	31.1

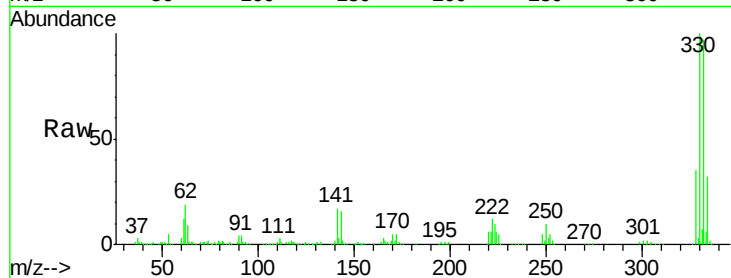




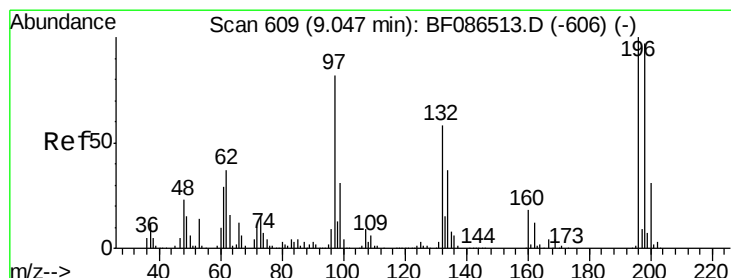
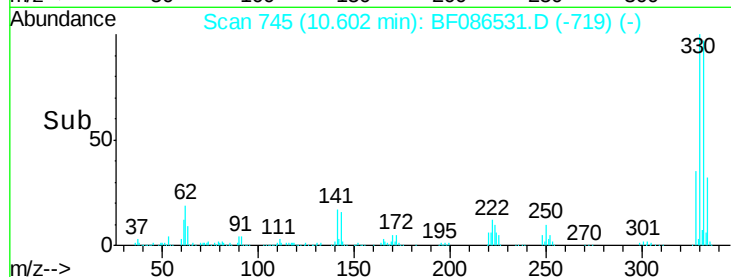
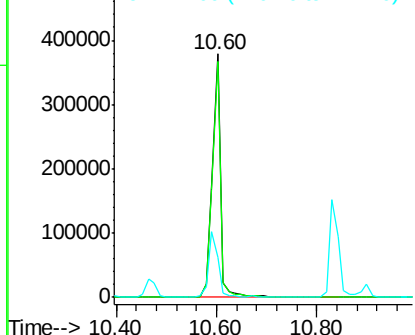
#41
 2,4,6-Tribromophenol
 Concen: 148.27 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 437095
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 30.1 31.2 46.8#

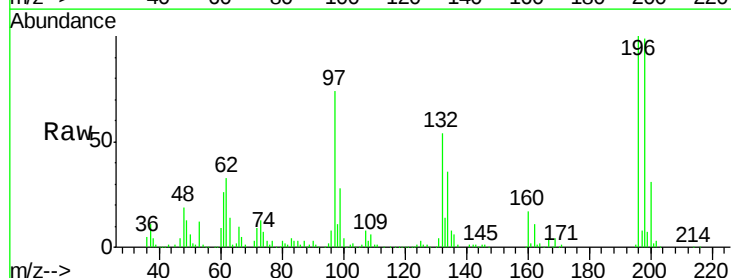


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

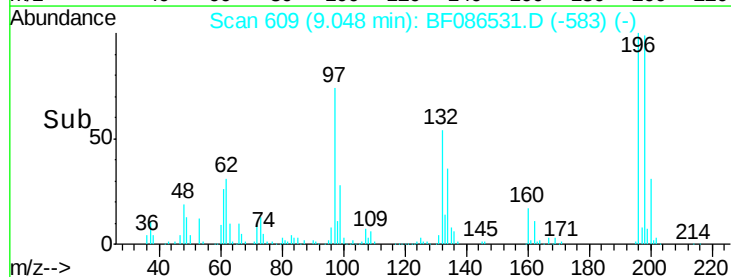
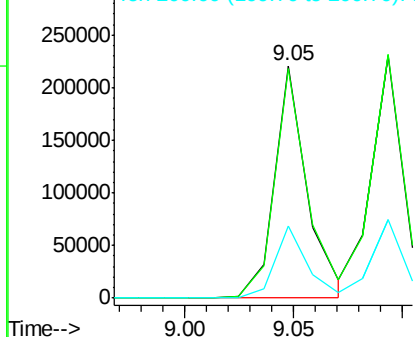


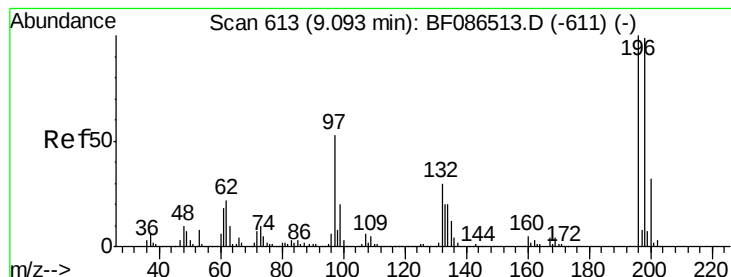
#42
 2,4,6-Trichlorophenol
 Concen: 45.94 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:196 Resp: 232354
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.7 112.1
 200 31.0 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

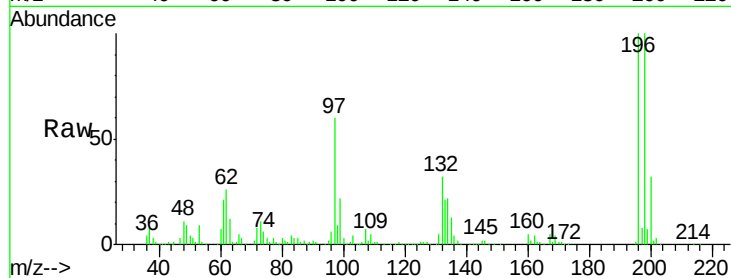




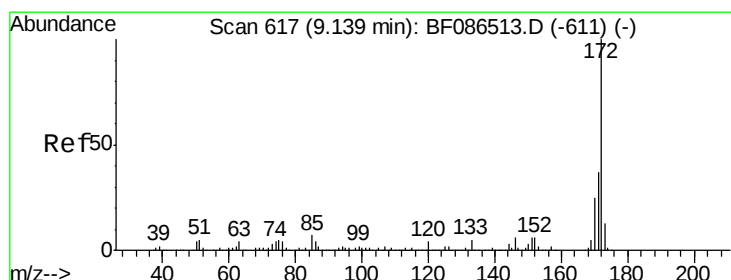
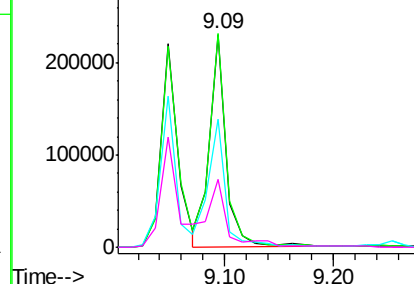
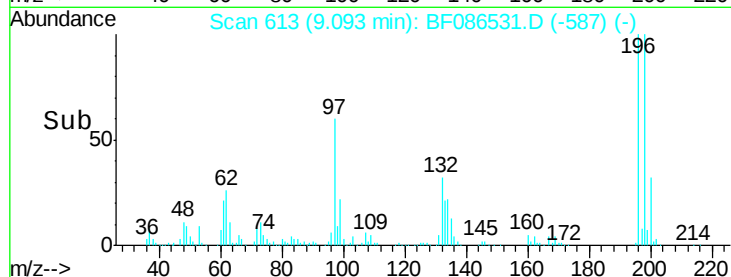
#43
 2,4,5-Trichlorophenol
 Concen: 44.79 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 246908
 Ion Ratio Lower Upper
 196 100
 198 100.5 77.5 116.3
 97 60.2 34.8 52.2#
 132 32.1 23.0 34.4

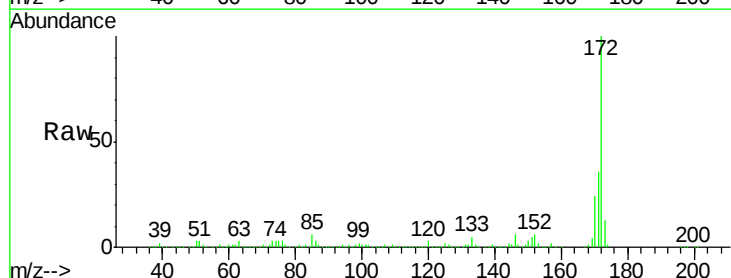


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

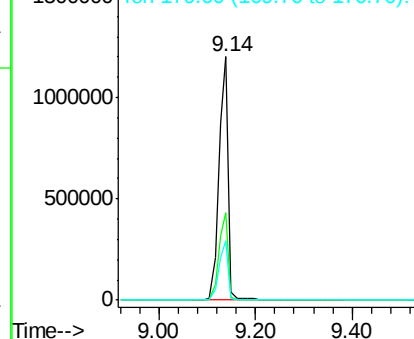
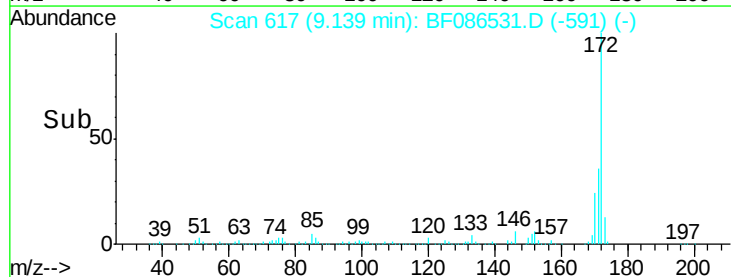


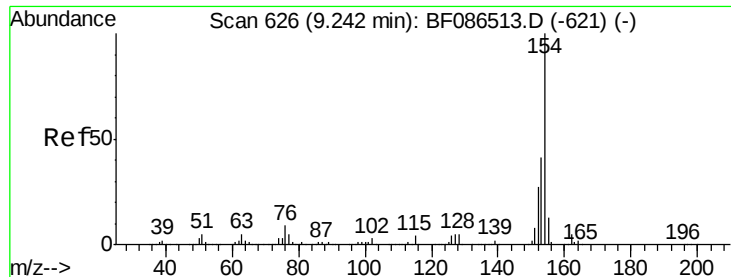
#44
 2-Fluorobiphenyl
 Concen: 108.48 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:172 Resp: 1637892
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.1 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

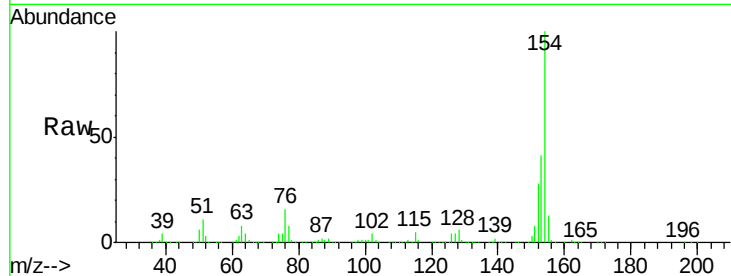




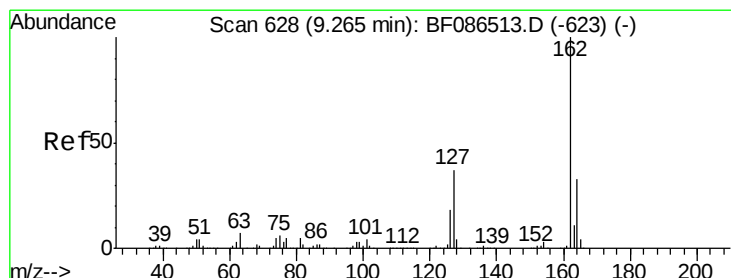
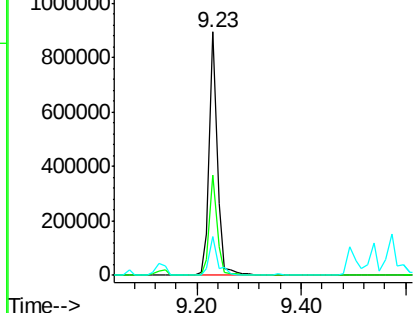
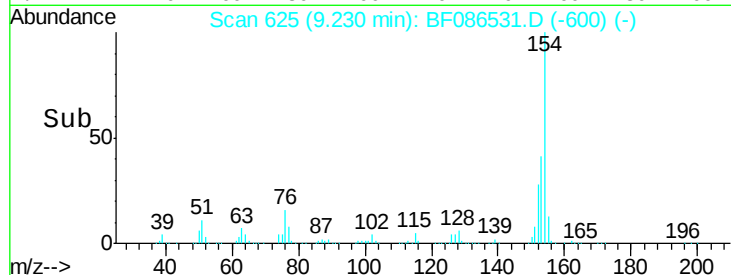
#45
 1,1'-Biphenyl
 Concen: 41.31 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 965301
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.3 60.3
 76 15.9 0.0 30.2

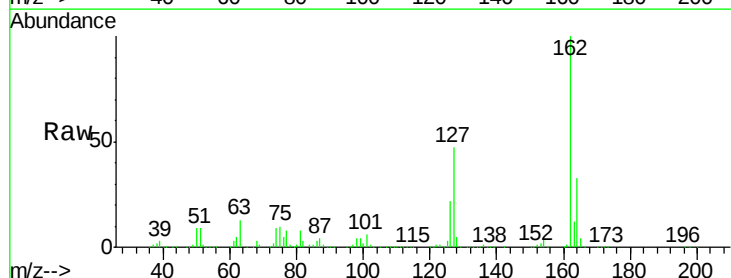


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

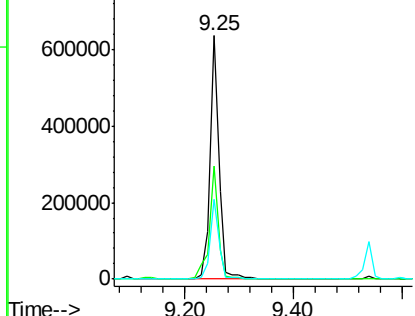
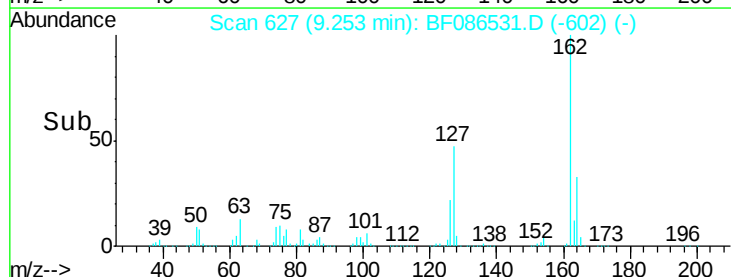


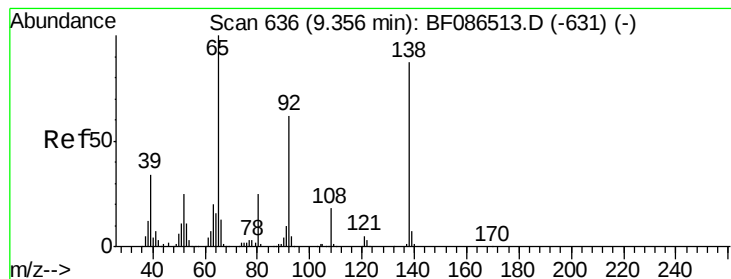
#46
 2-Chloronaphthalene
 Concen: 41.07 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:162 Resp: 729639
 Ion Ratio Lower Upper
 162 100
 127 46.6 31.8 47.6
 164 32.9 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.04 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

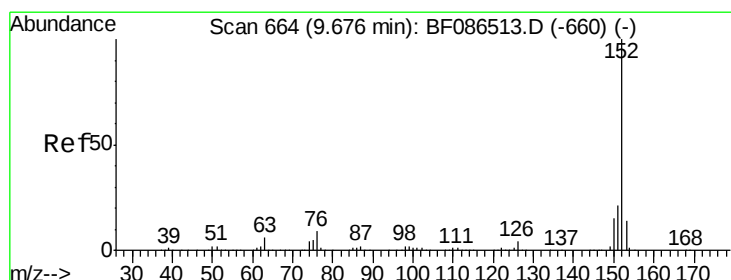
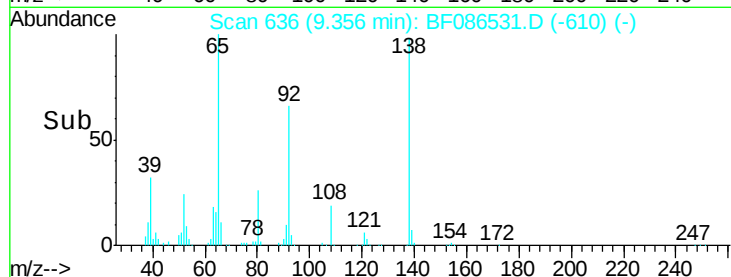
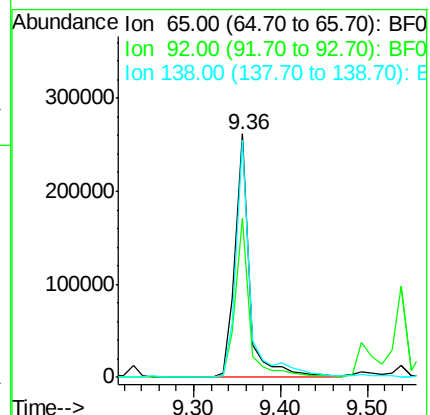
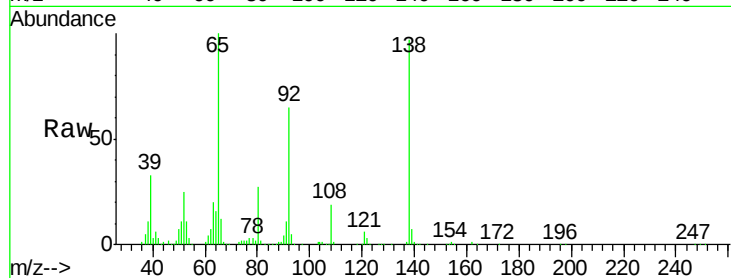
Tot Ion: 65 Resp: 307865

Ion Ratio Lower Upper

65 100

92 65.2 57.4 86.2

138 97.3 90.1 135.1



#48

Acenaphthylene

Concen: 41.42 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

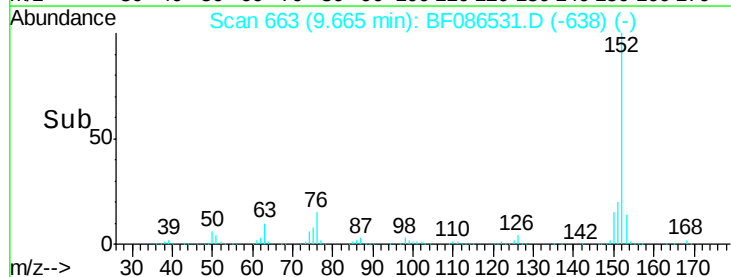
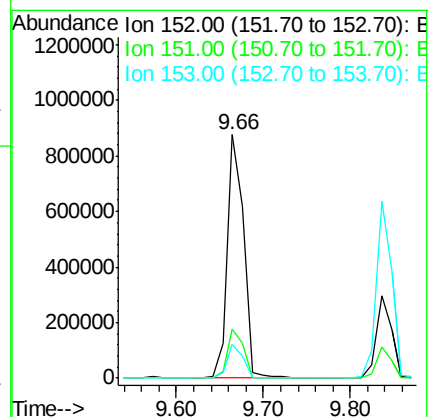
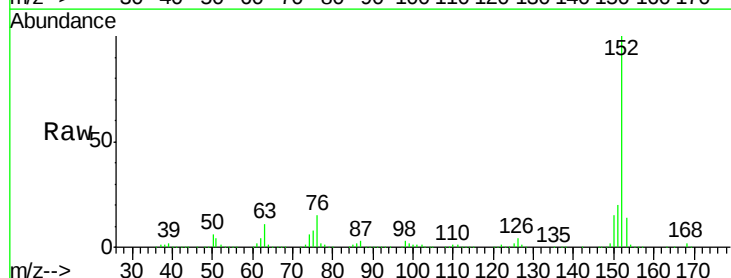
Tgt Ion: 152 Resp: 1150115

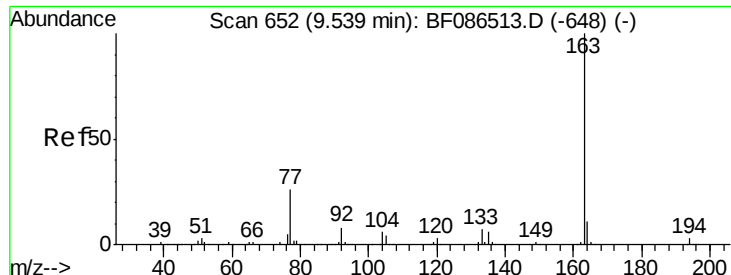
Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

153 14.1 10.9 16.3

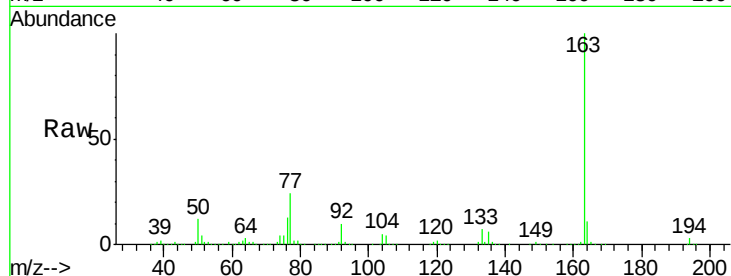




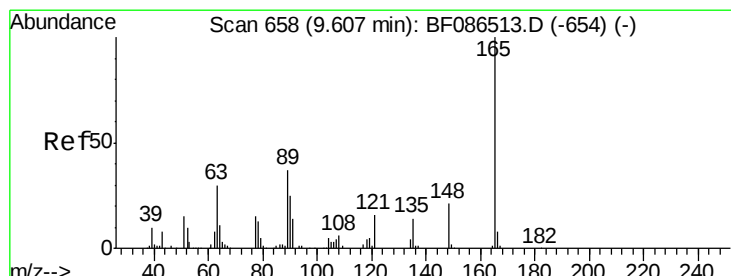
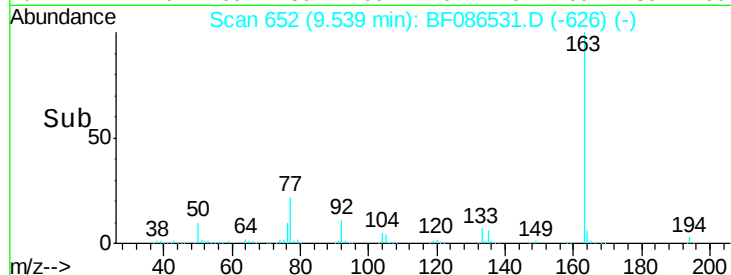
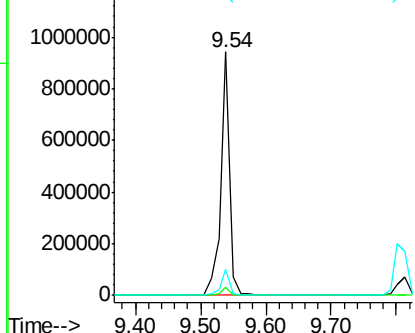
#49
Dimethylphthalate
Concen: 43.41 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 913495
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.2 12.4

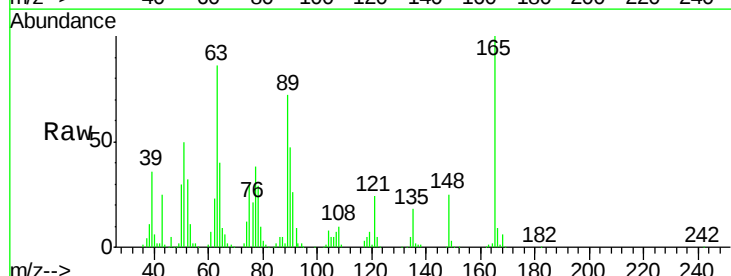


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

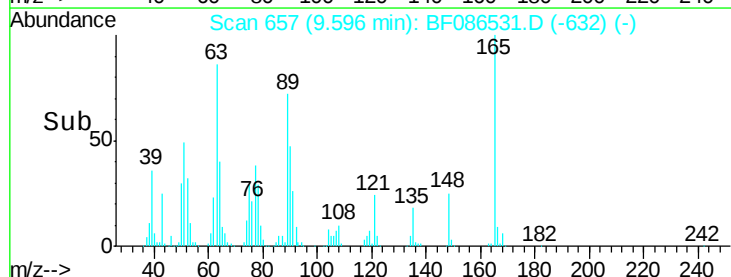
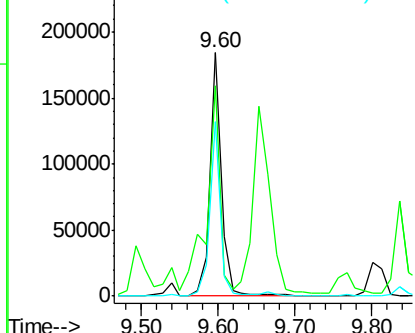


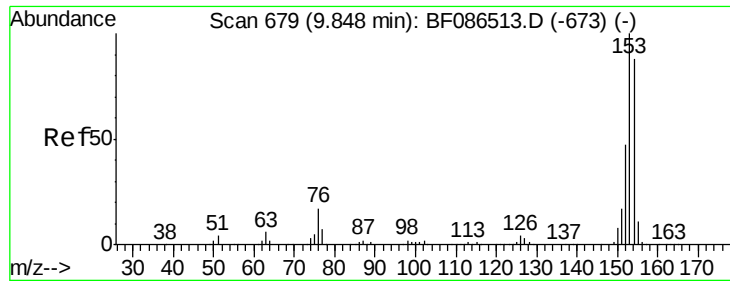
#50
2,6-Dinitrotoluene
Concen: 43.67 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:165 Resp: 189838
Ion Ratio Lower Upper
165 100
63 86.4 51.8 77.8#
89 71.8 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: 46.14 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampled :

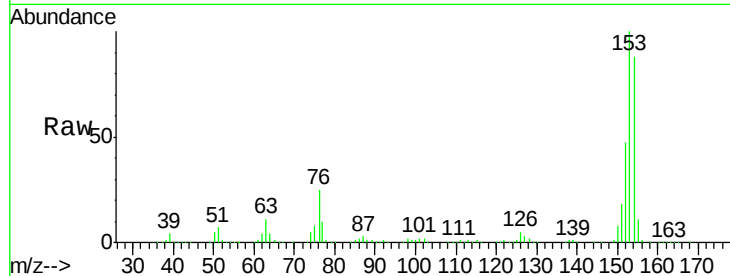
Tot Ion:154 Resp: 822925

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

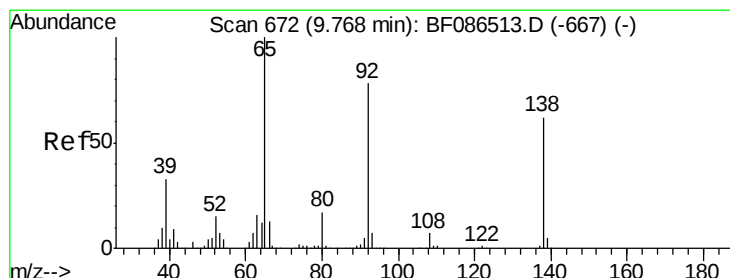
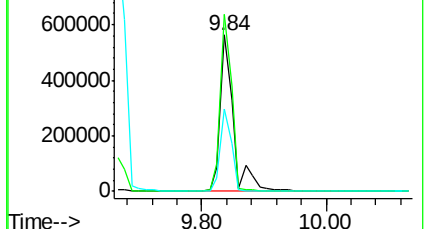
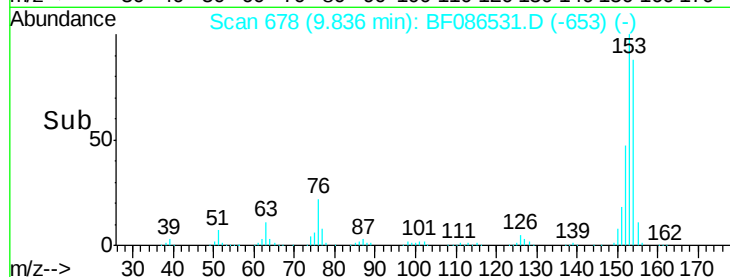
152 53.0 43.4 65.0



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: 25.38 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

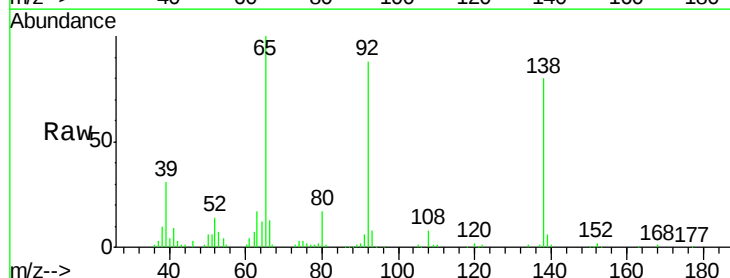
Tgt Ion:138 Resp: 125467

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

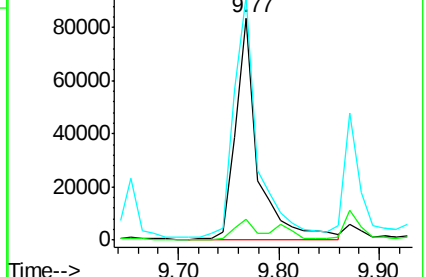
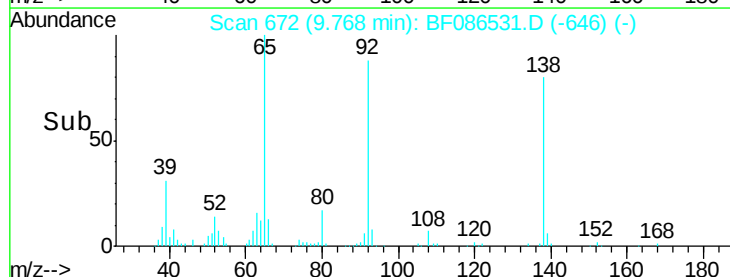
92 109.5 87.8 131.8

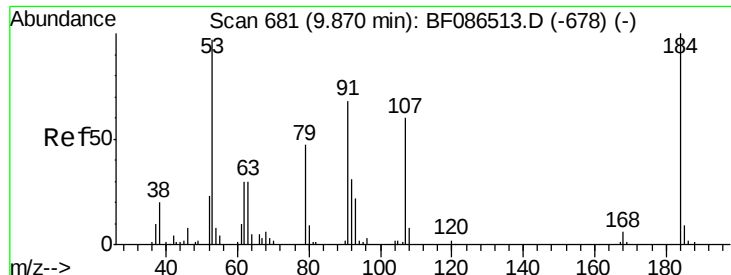


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

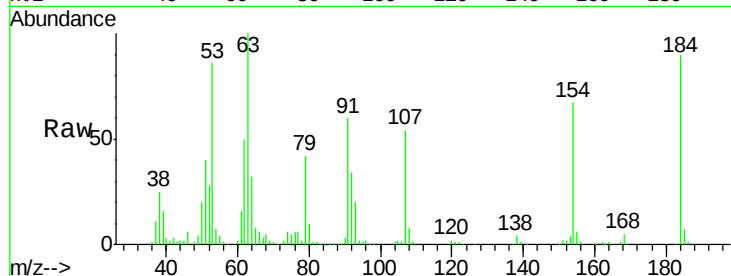




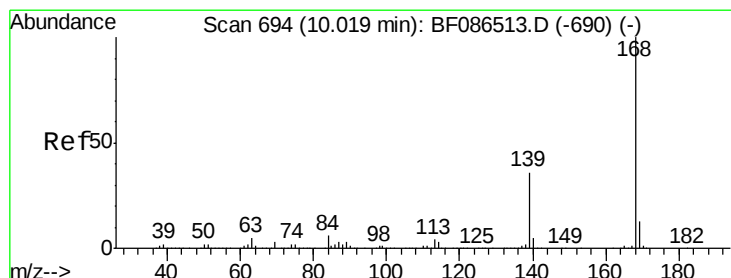
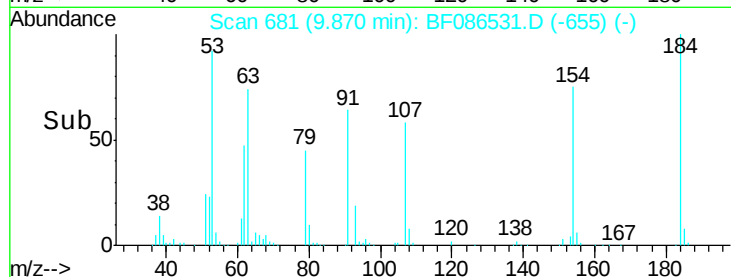
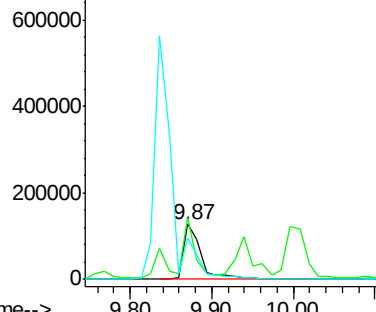
#53
2,4-Dinitrophenol
Concen: 81.84 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 195027
Ion Ratio Lower Upper
184 100
63 111.5 55.8 83.8#
154 75.1 62.4 93.6

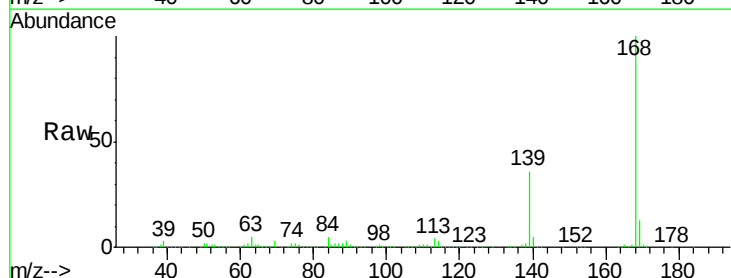


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

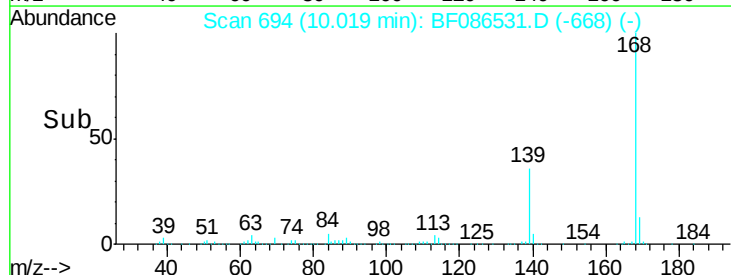
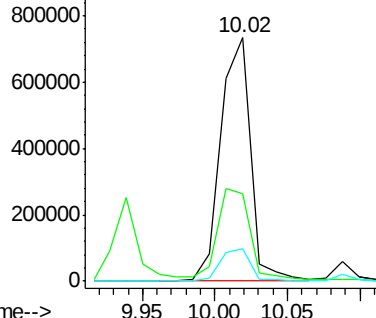


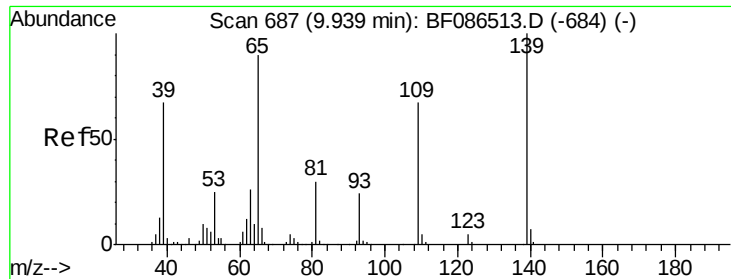
#54
Dibenzofuran
Concen: 46.93 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:168 Resp: 1046253
Ion Ratio Lower Upper
168 100
139 36.1 31.4 47.0
169 13.1 10.7 16.1



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





#55

4-Nitrophenol

Concen: 94.38 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

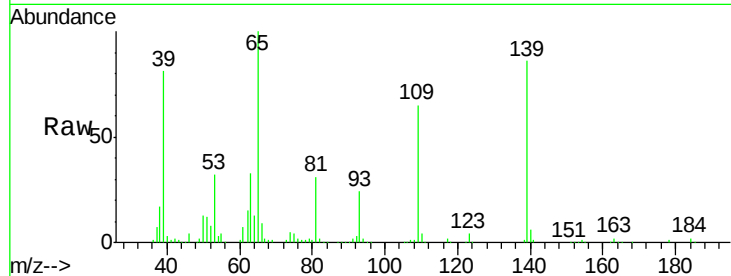
Tot Ion:139 Resp: 305533

Ion Ratio Lower Upper

139 100

109 75.5 36.9 76.9

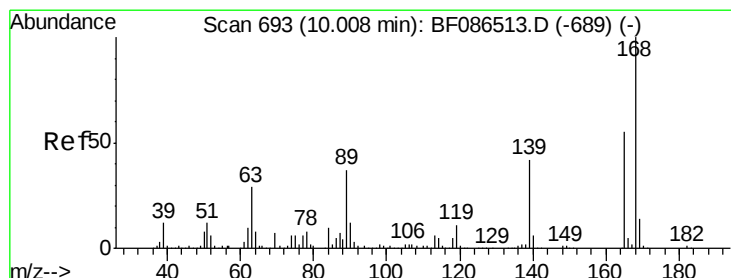
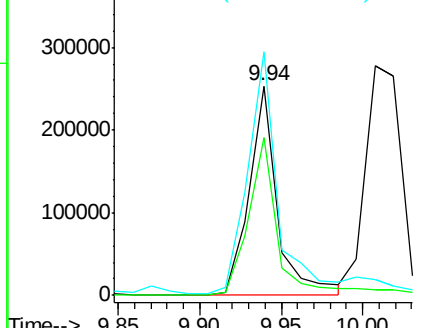
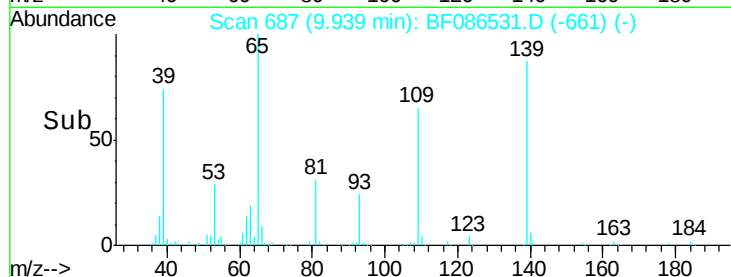
65 116.5 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.04 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:165 Resp: 271813

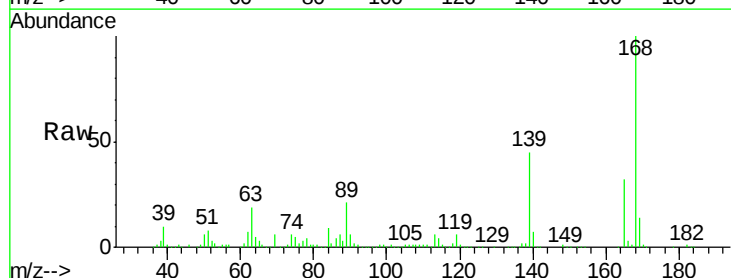
Ion Ratio Lower Upper

165 100

63 60.6 44.3 66.5

89 65.7 70.0 105.0#

182 2.5 1.8 2.6

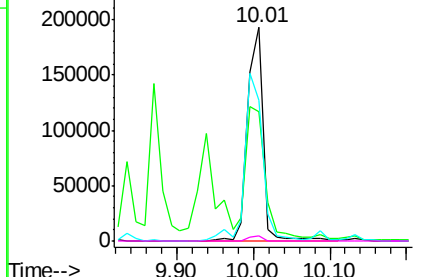
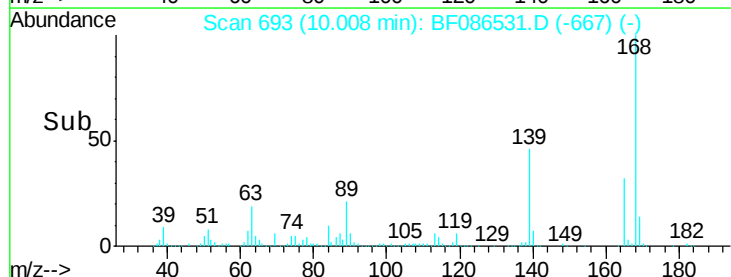


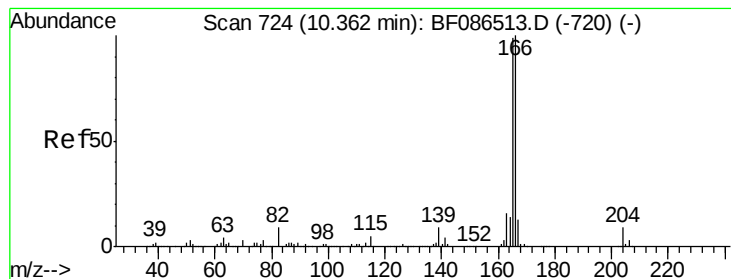
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.90 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

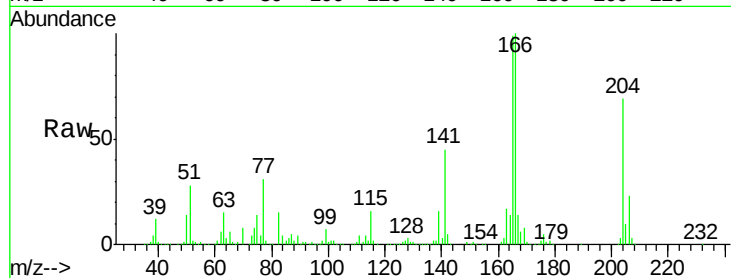
Tot Ion:166 Resp: 752992

Ion Ratio Lower Upper

166 100

165 98.6 79.0 118.6

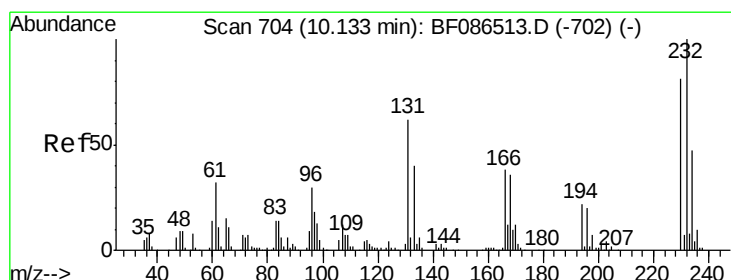
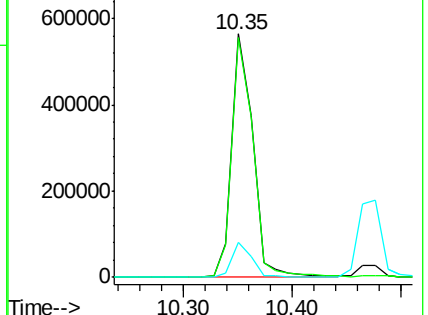
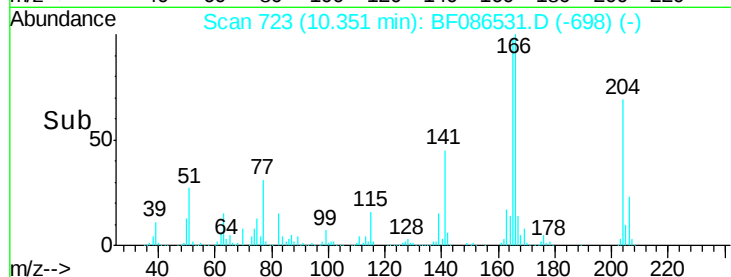
167 14.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.24 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Tgt Ion:232 Resp: 220829

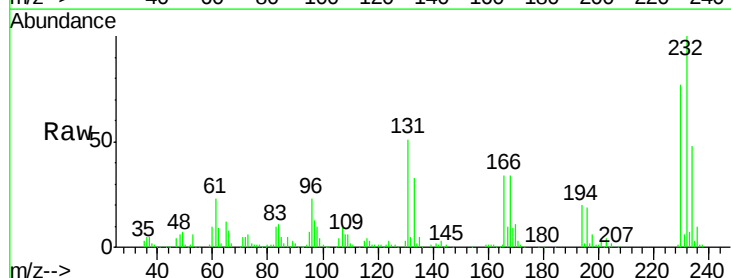
Ion Ratio Lower Upper

232 100

131 51.0 41.9 62.9

130 2.5 2.2 3.4

166 31.7 26.8 40.2

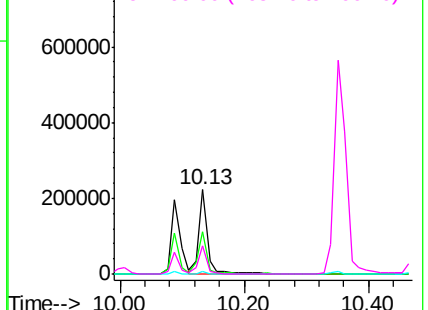
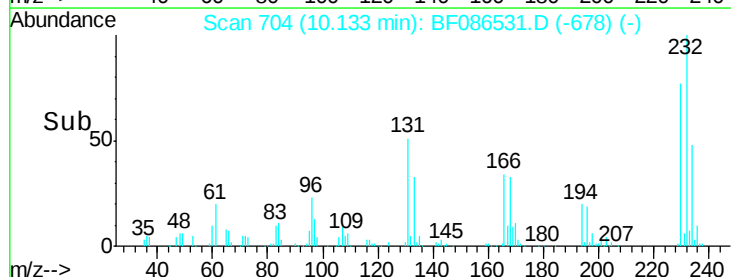


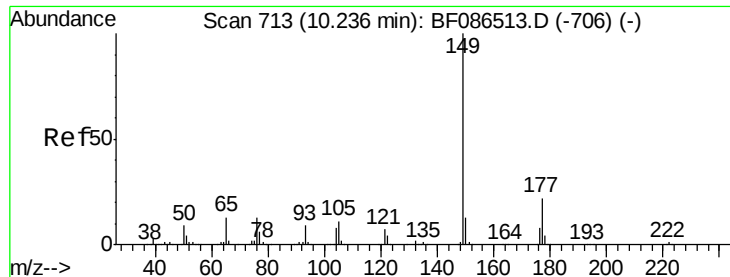
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

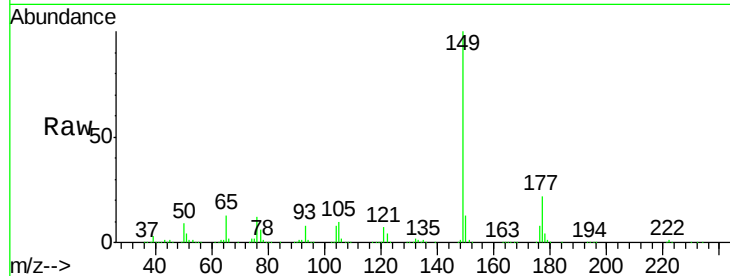




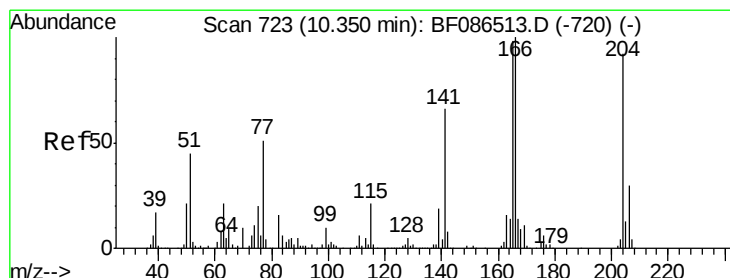
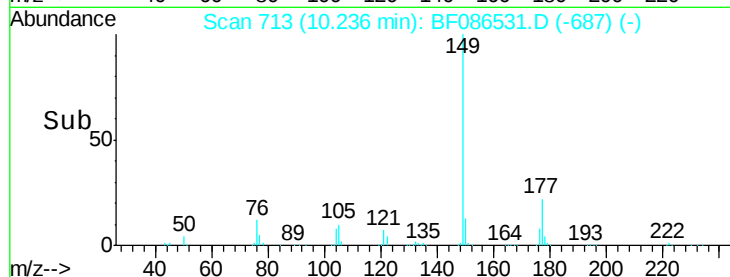
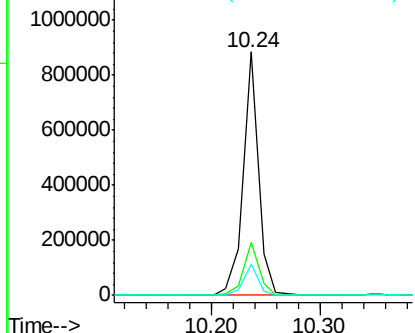
#59
Diethylphthalate
Concen: 43.10 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 858534
Ion Ratio Lower Upper
149 100
177 21.7 16.6 24.8
150 12.9 10.0 15.0

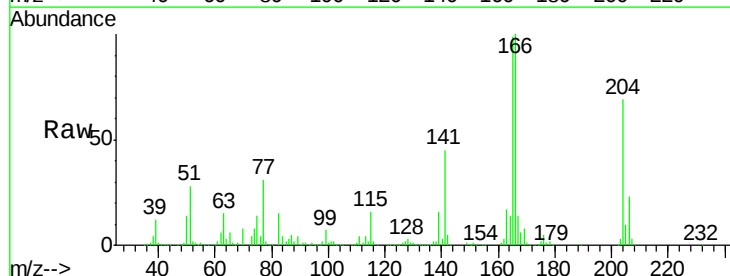


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

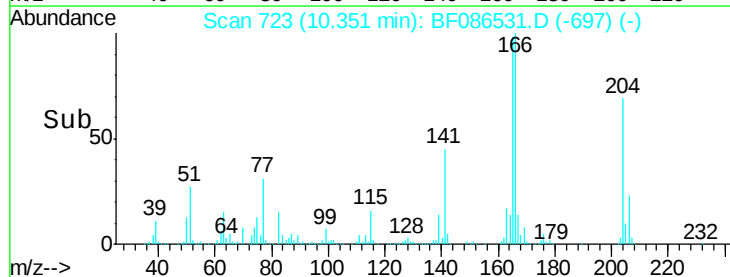
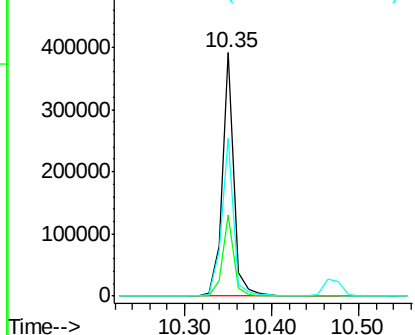


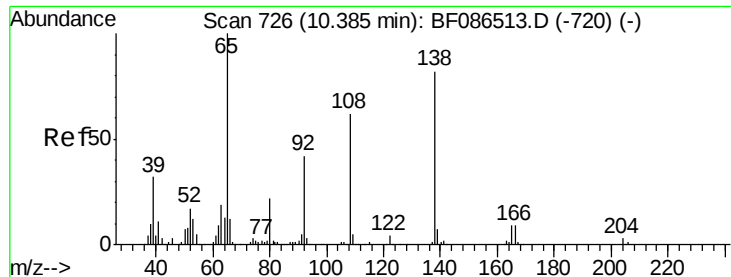
#60
4-Chlorophenyl-phenylether
Concen: 42.09 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:204 Resp: 369918
Ion Ratio Lower Upper
204 100
206 33.2 25.4 38.0
141 64.9 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

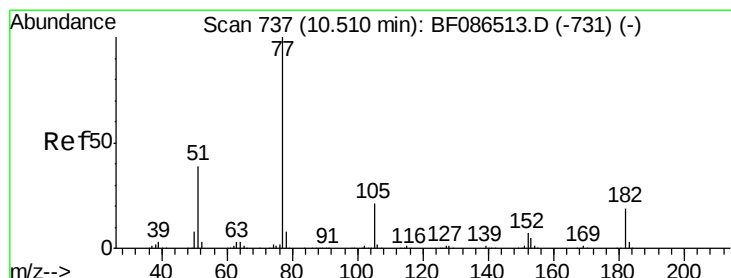
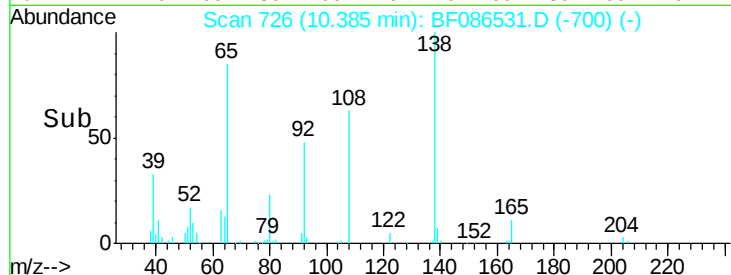
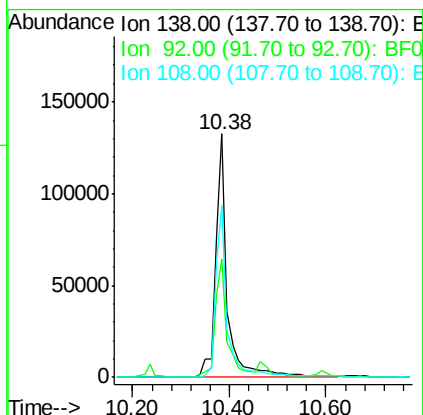
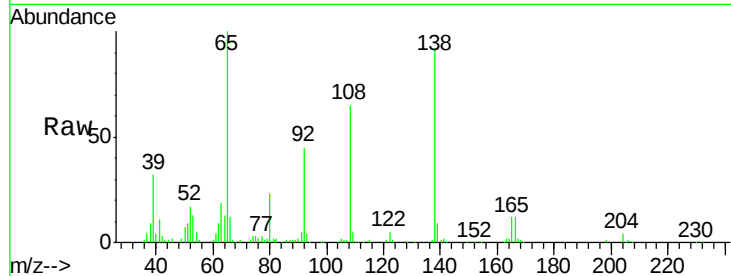




#61
4-Nitroaniline
Concen: 47.48 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

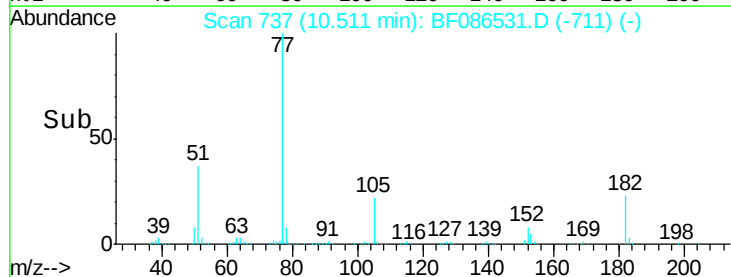
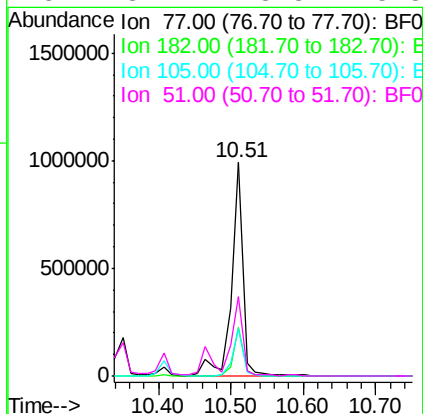
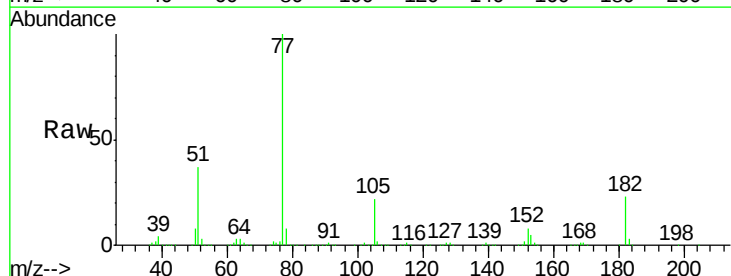
Instrument :
BNA_F
ClientSampleId :

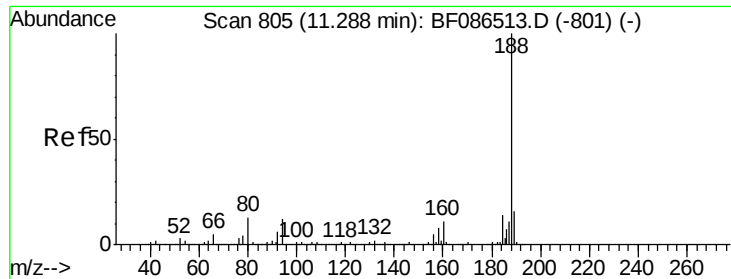
Tot Ion:138 Resp: 229502
Ion Ratio Lower Upper
138 100
92 48.6 24.7 64.7
108 70.7 37.4 77.4



#62
Azobenzene
Concen: 49.48 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion: 77 Resp: 1079582
Ion Ratio Lower Upper
77 100
182 22.9 0.0 38.8
105 22.2 3.2 43.2
51 37.4 8.8 48.8

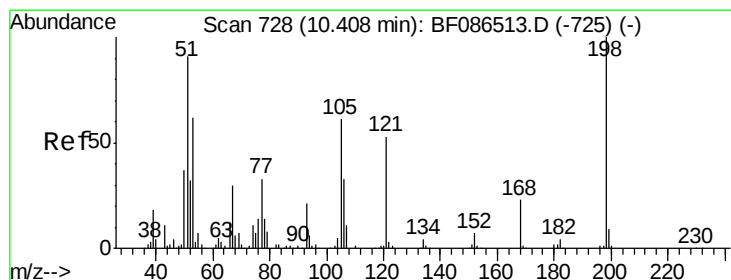
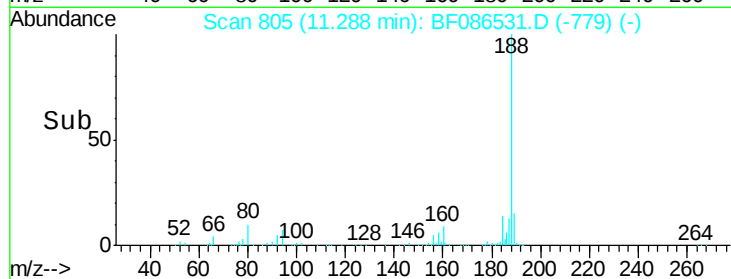
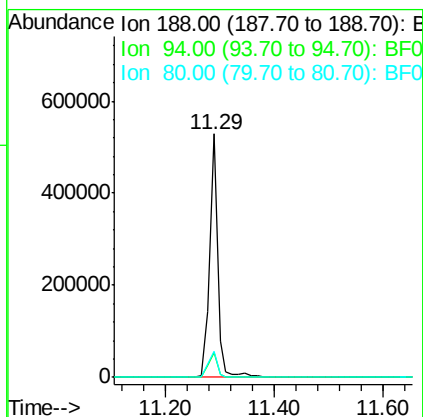
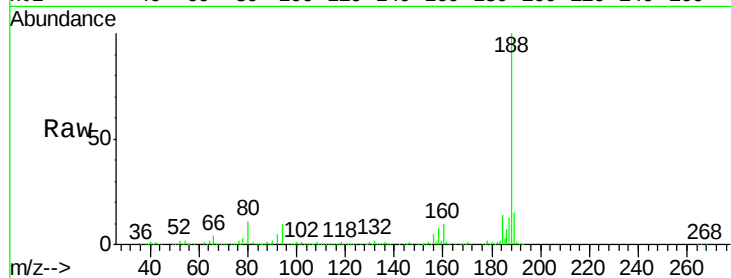




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

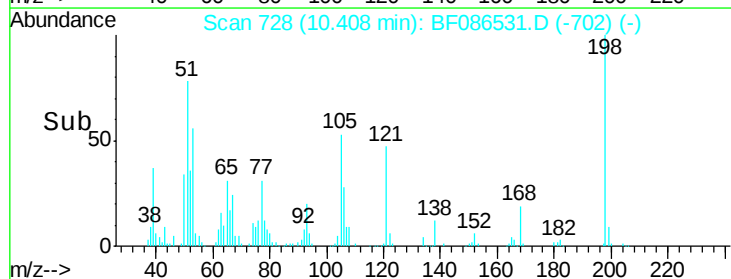
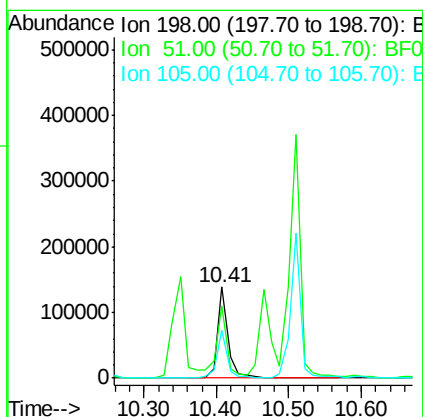
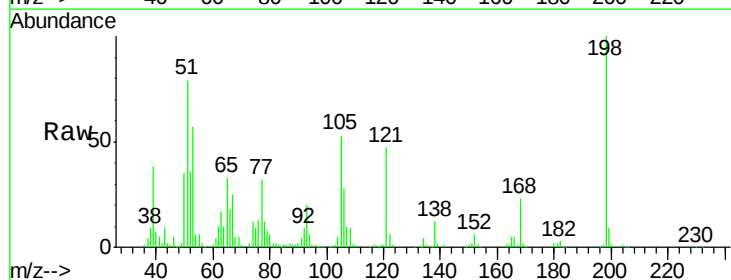
Instrument :
BNA_F
ClientSampleId :

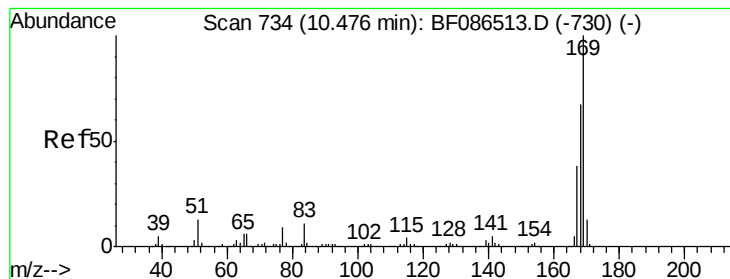
Tot Ion:188 Resp: 552193
Ion Ratio Lower Upper
188 100
94 9.9 6.8 10.2
80 10.6 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 43.38 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion:198 Resp: 140619
Ion Ratio Lower Upper
198 100
51 78.7 20.5 60.5#
105 53.1 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 42.99 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

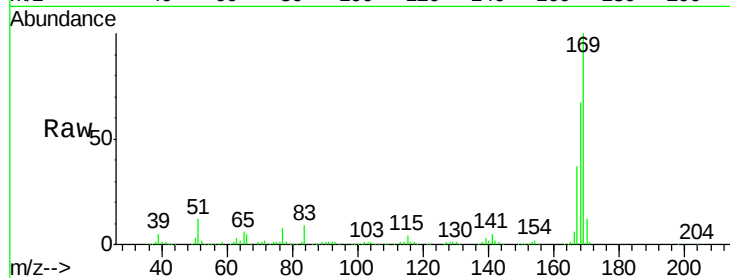
Tot Ion:169 Resp: 741833

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

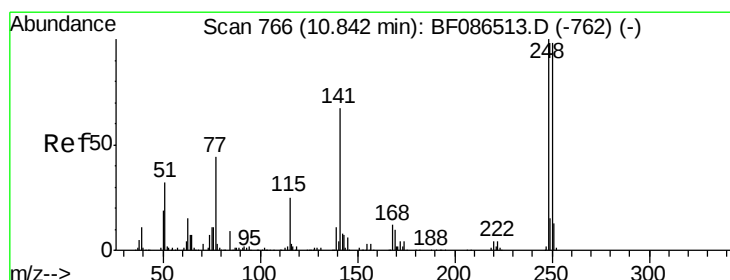
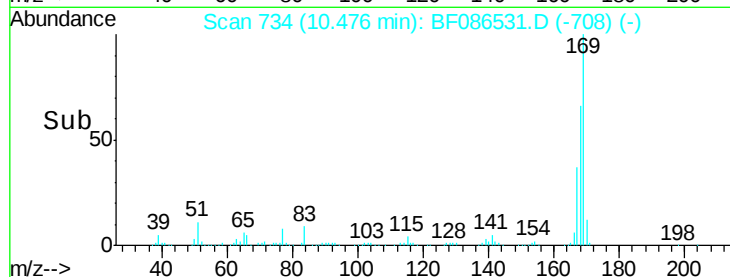
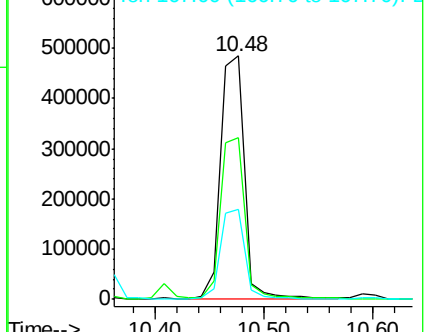
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.85 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

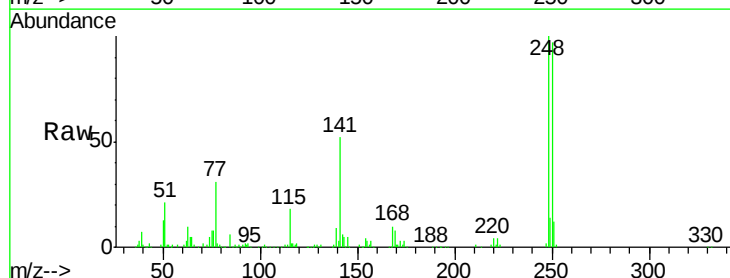
Tgt Ion:248 Resp: 243792

Ion Ratio Lower Upper

248 100

250 97.3 78.6 117.8

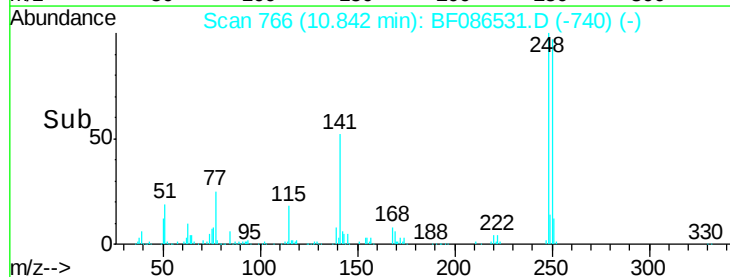
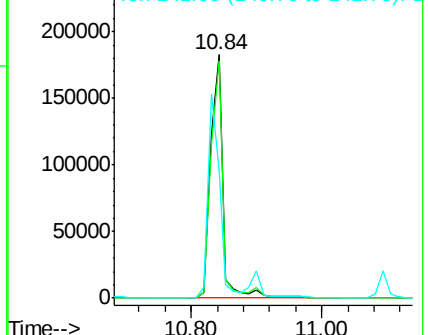
141 52.0 76.0 114.0#

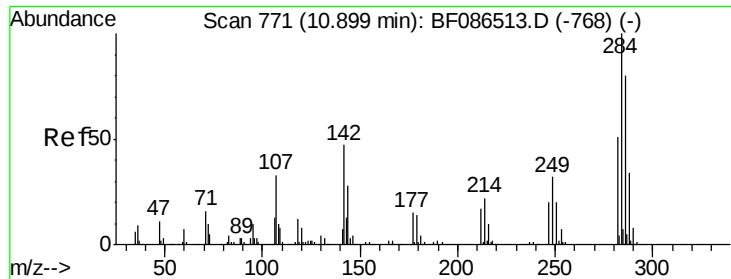


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

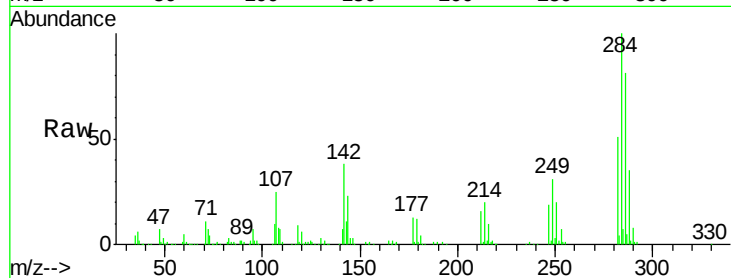




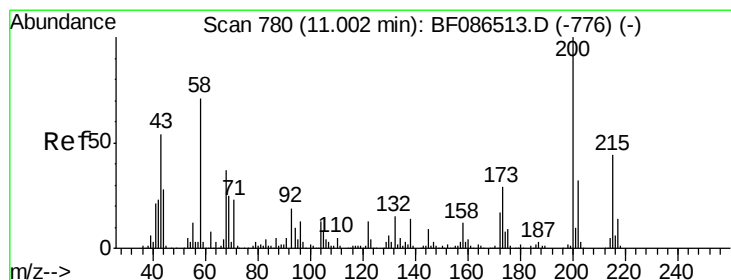
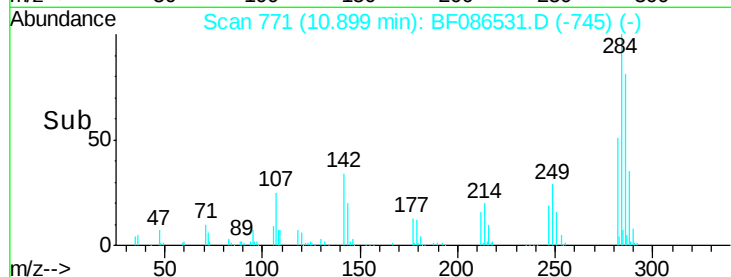
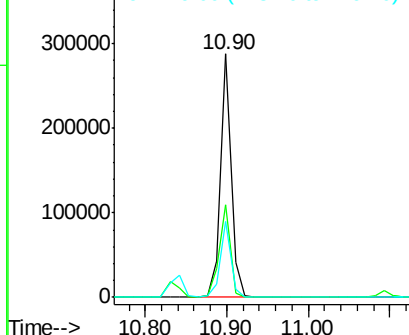
#67
Hexachlorobenzene
Concen: 39.65 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.2	16.7	25.1#
249	31.2	21.3	31.9

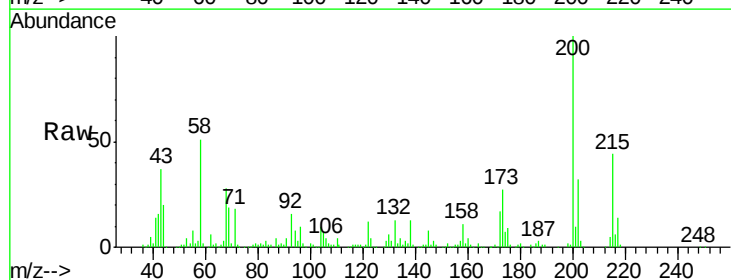


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

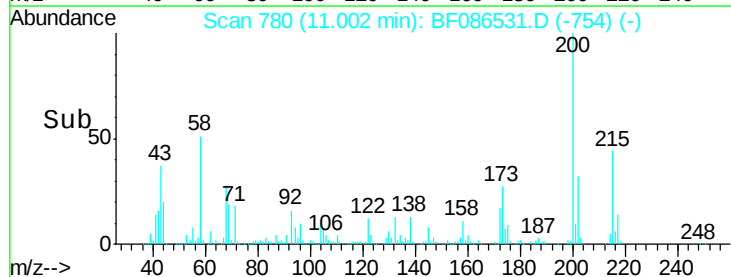
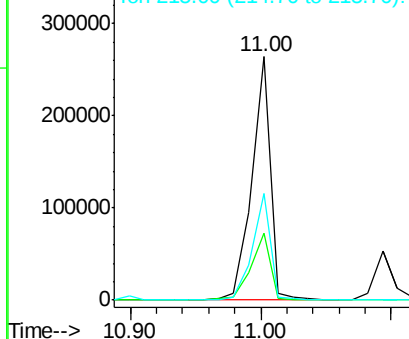


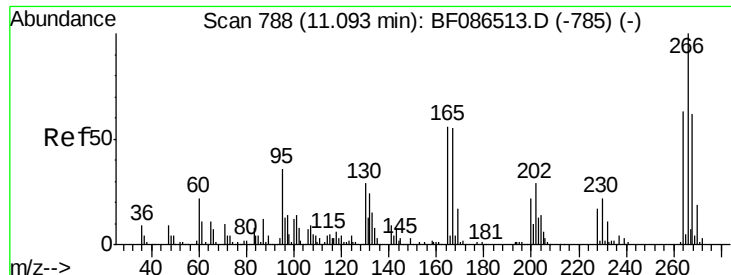
#68
Atrazine
Concen: 50.45 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086513.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.5	48.5
215	43.8	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

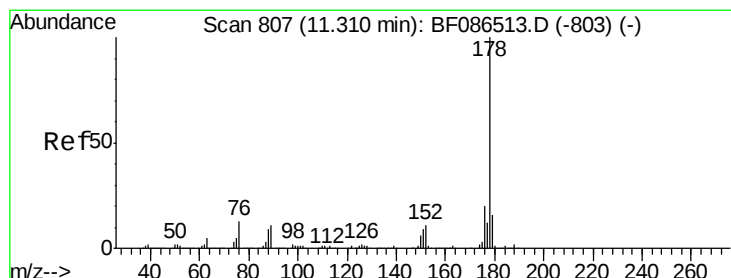
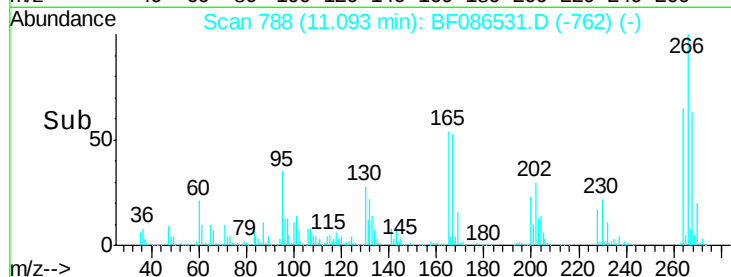
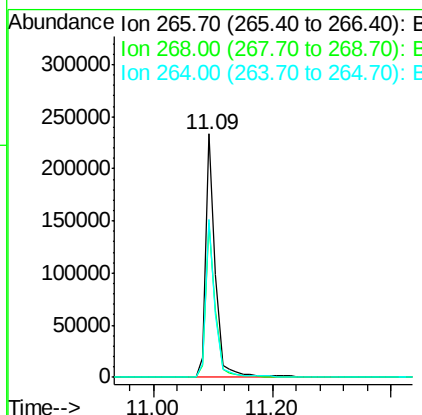
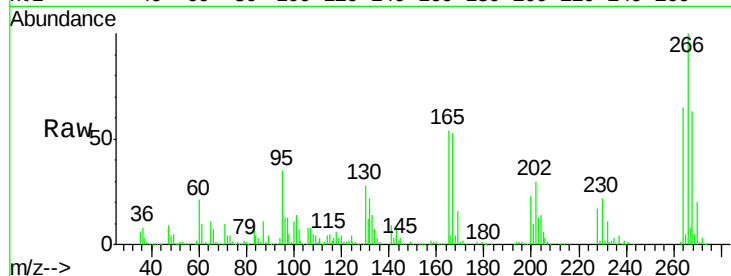




#69
 Pentachlorophenol
 Concen: 77.88 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

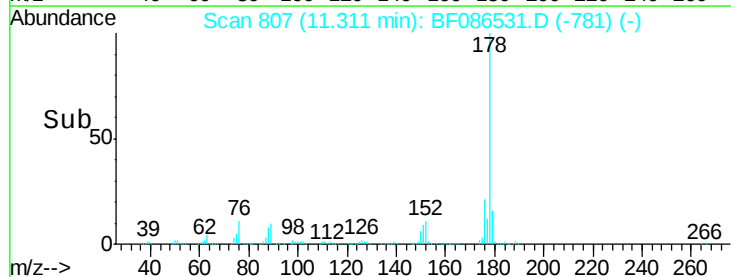
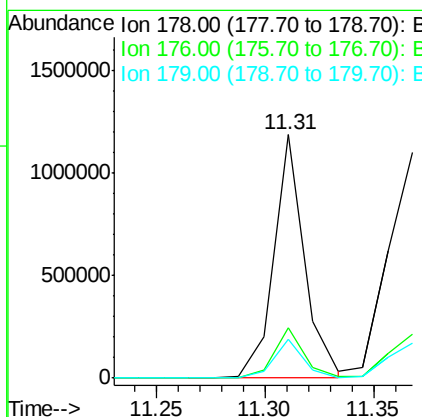
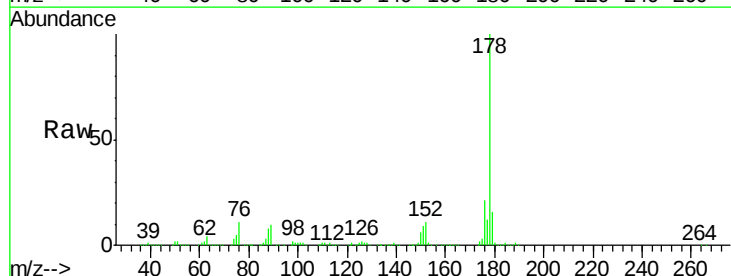
Instrument :
 BNA_F
 ClientSampleID :

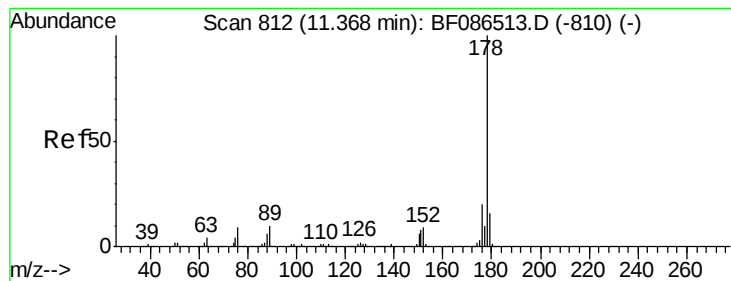
Tot Ion:266 Resp: 270448
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 65.0 52.9 79.3



#70
 Phenanthrene
 Concen: 40.37 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:178 Resp: 1169797
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.1 12.6 18.8





#71

Anthracene

Concen: 44.51 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

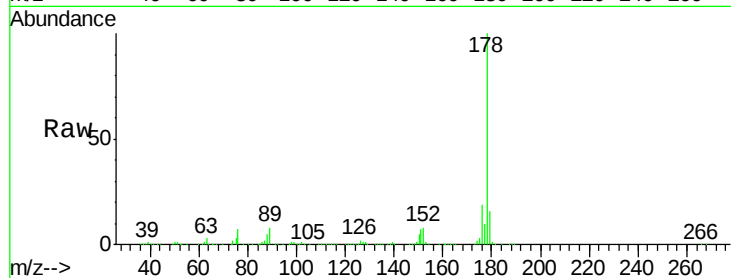
Tot Ion:178 Resp: 1376616

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

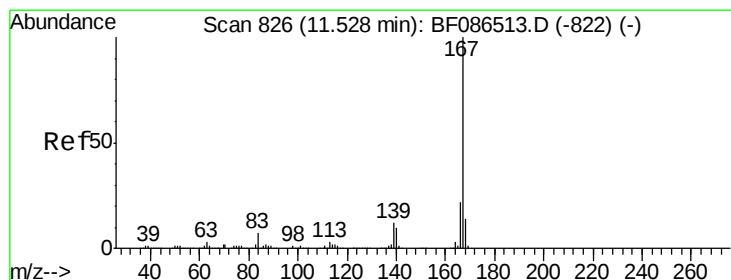
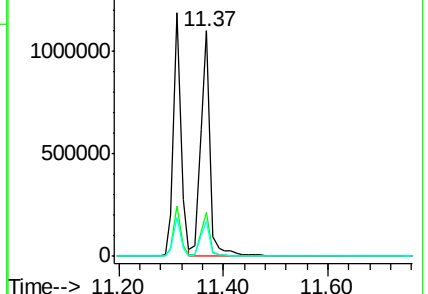
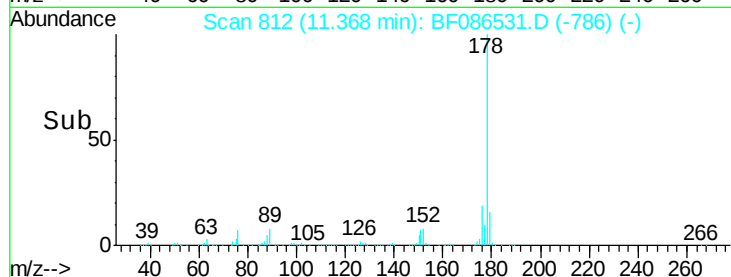
179 15.5 12.7 19.1



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: 42.21 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

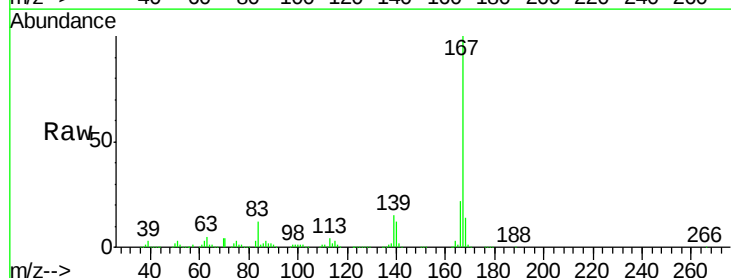
Tgt Ion:167 Resp: 1156858

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

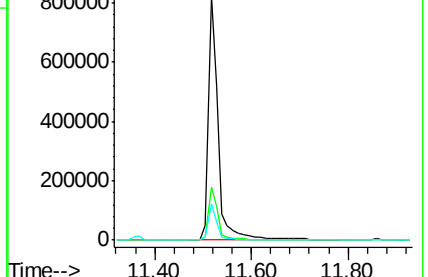
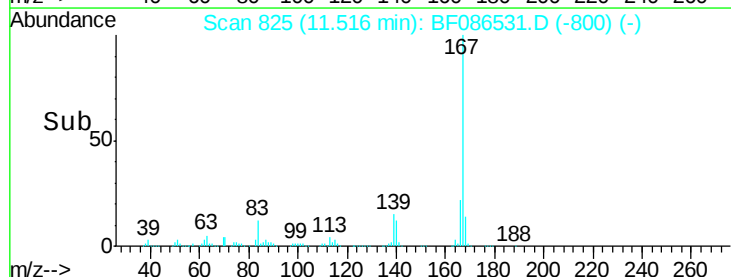
139 15.0 10.8 16.2

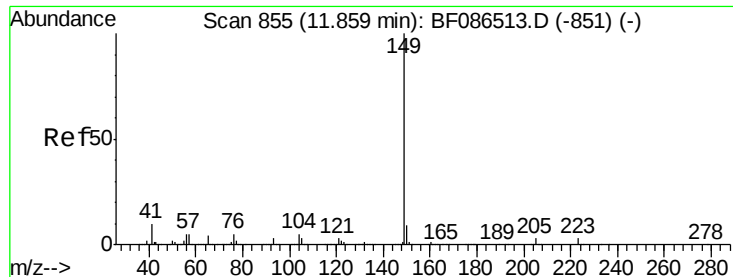


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.13 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

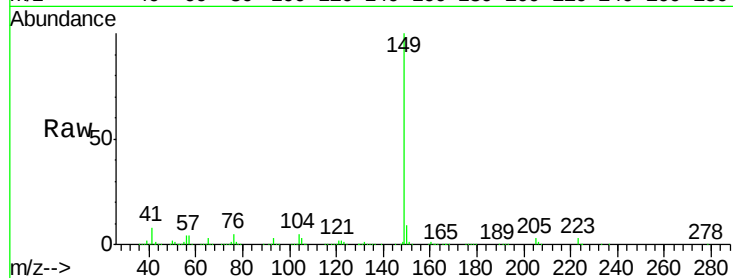
Tot Ion:149 Resp: 1401397

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

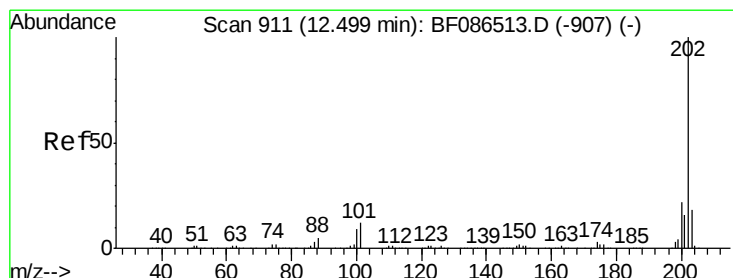
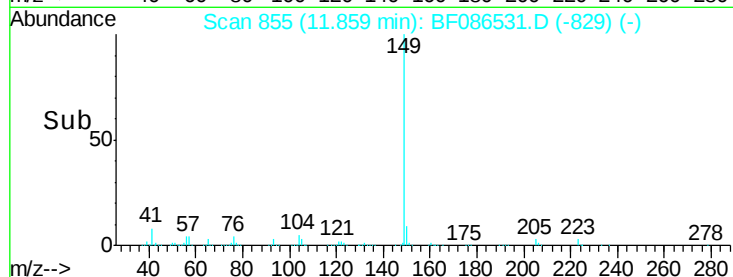
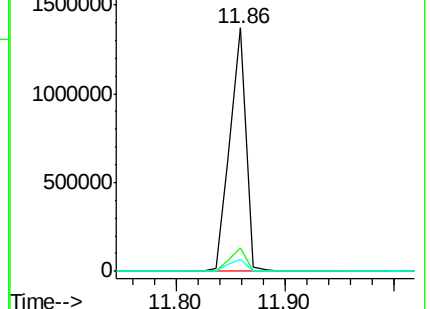
104 4.8 3.8 5.6



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: 45.42 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

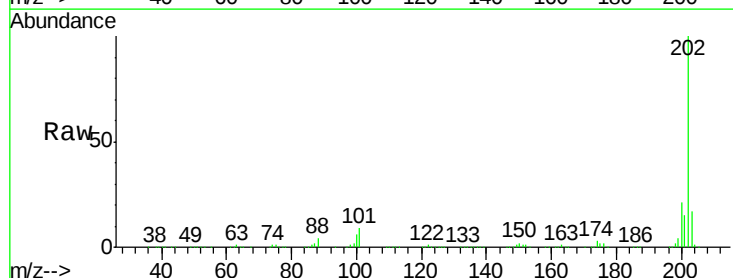
Tgt Ion:202 Resp: 1328661

Ion Ratio Lower Upper

202 100

101 8.6 0.0 35.4

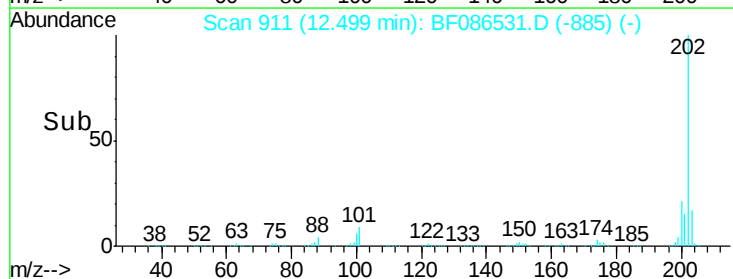
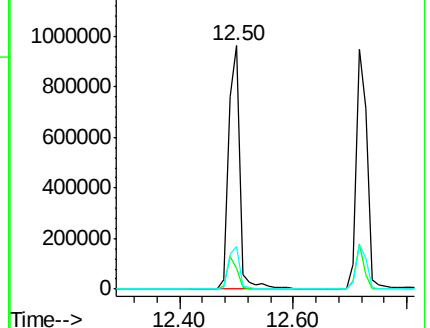
203 17.3 0.0 38.1

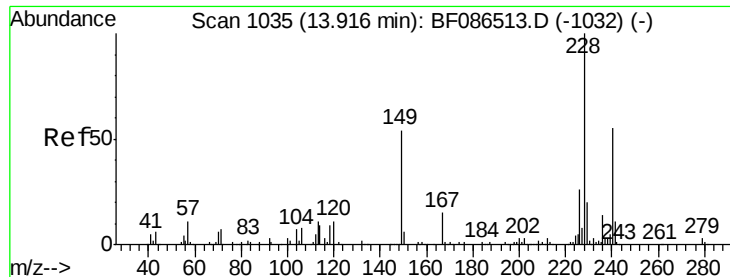


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

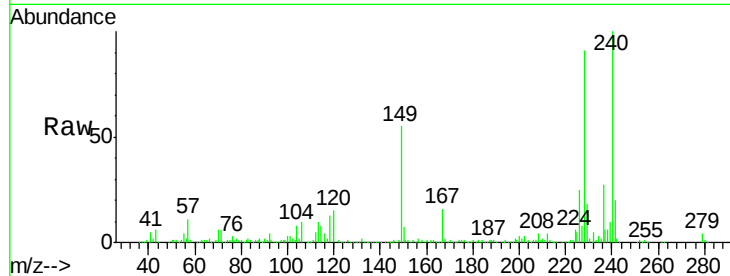
Tot Ion:240 Resp: 392034

Ion Ratio Lower Upper

240 100

120 15.3 11.2 16.8

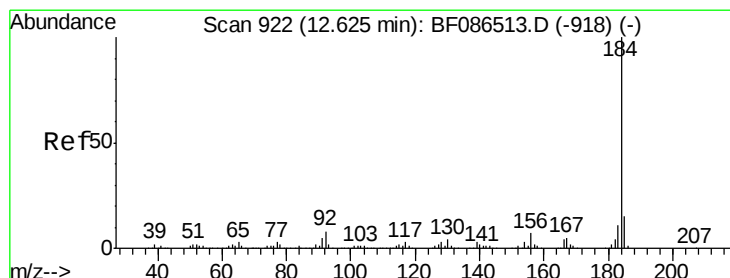
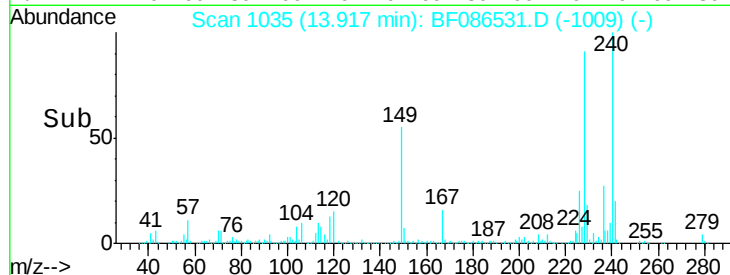
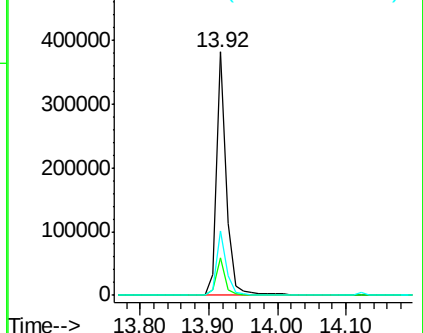
236 26.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.57 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

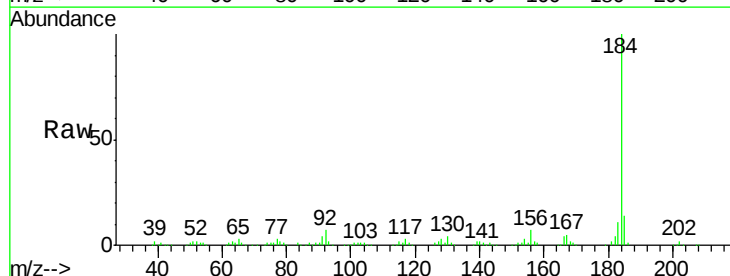
Tgt Ion:184 Resp: 384961

Ion Ratio Lower Upper

184 100

185 14.1 13.6 20.4

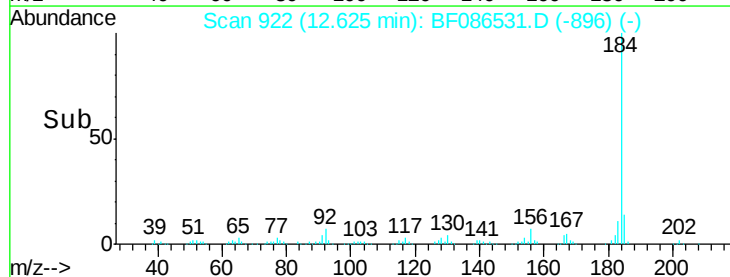
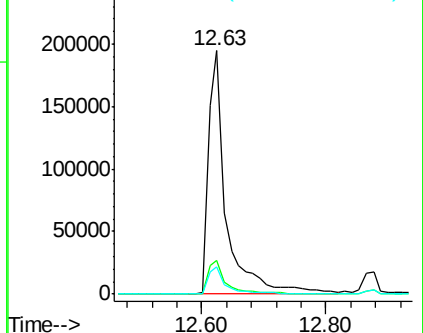
183 11.2 9.8 14.6

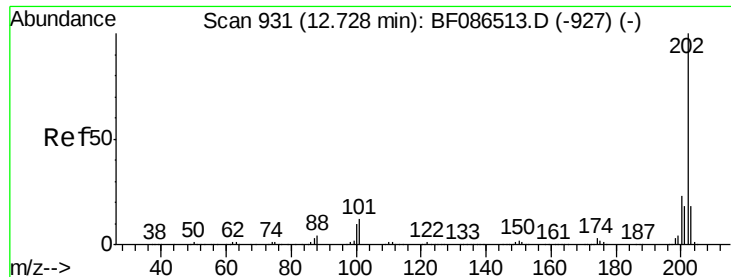


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



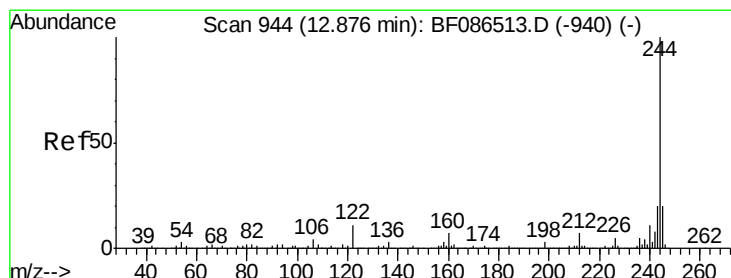
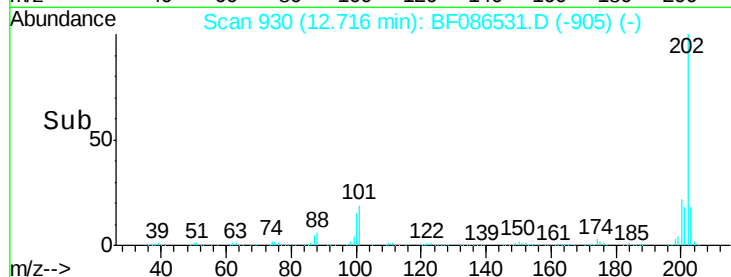
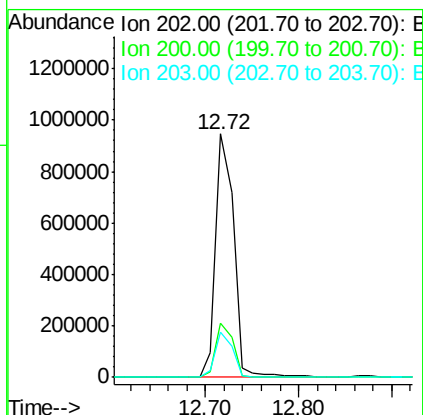
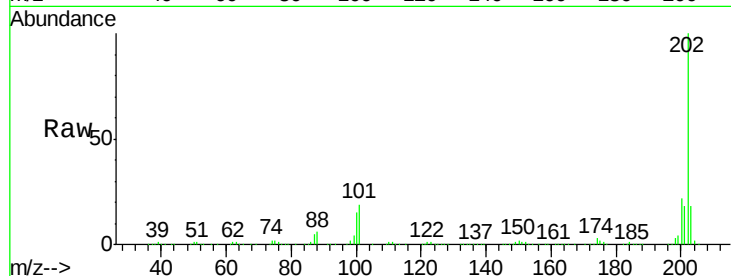


#77
 Pvrene
 Concen: 44.87 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1267497

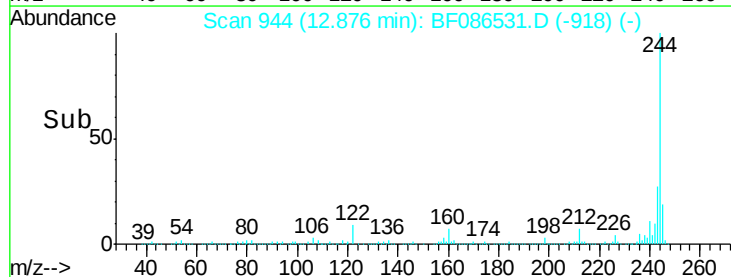
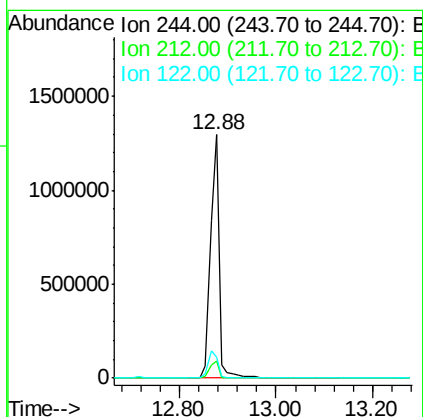
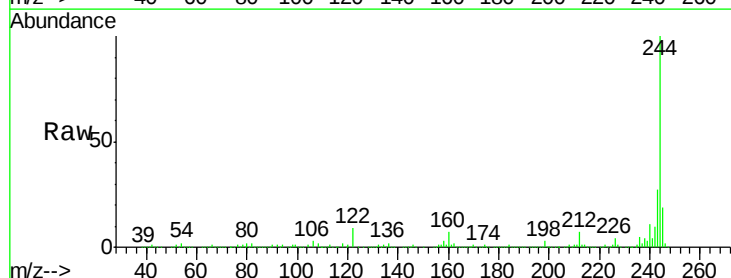
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.5	14.2	21.4

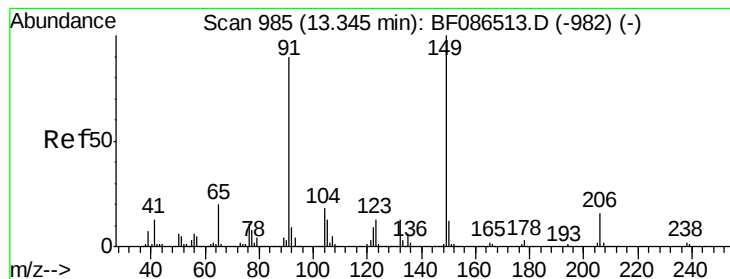


#78
 Terphenyl-d14
 Concen: 92.54 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:244 Resp: 1646645

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.7	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 43.63 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

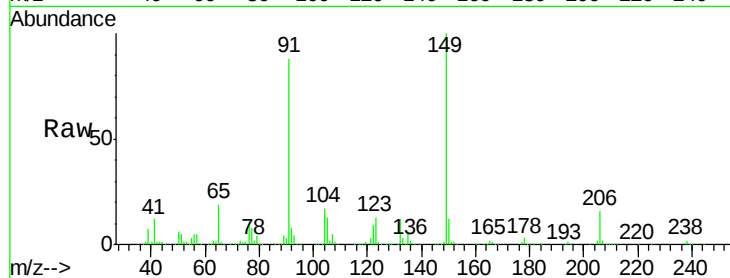
Tot Ion:149 Resp: 533753

Ion Ratio Lower Upper

149 100

91 87.9 48.0 72.0#

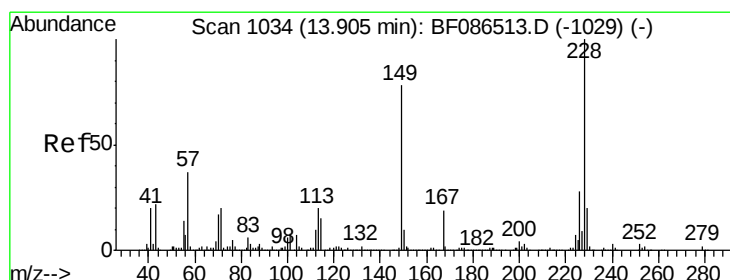
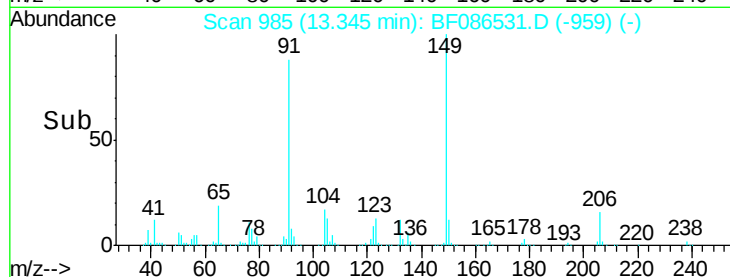
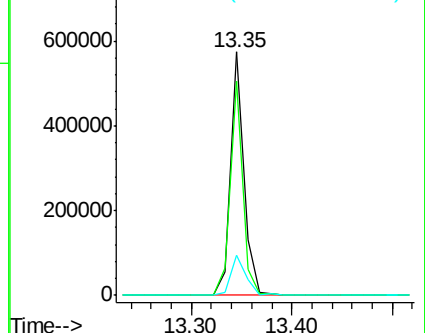
206 16.4 15.8 23.6



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: 45.43 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

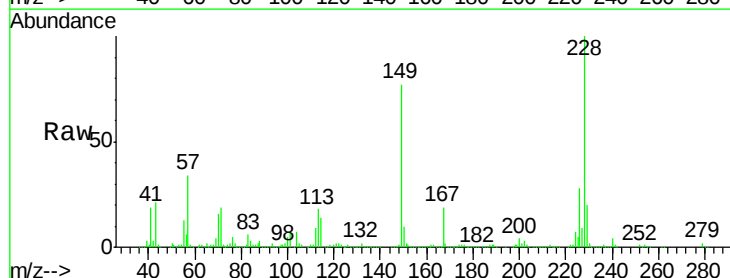
Tgt Ion:228 Resp: 949492

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

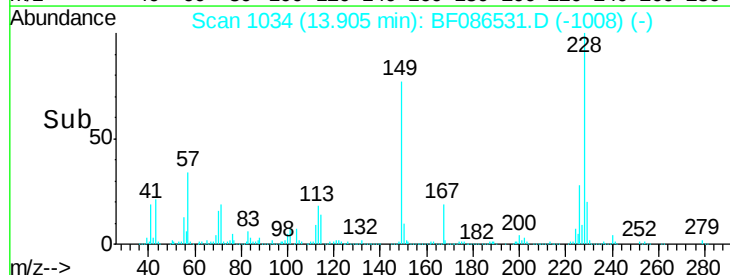
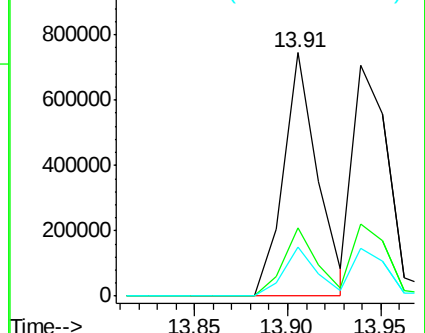
229 20.2 16.6 25.0

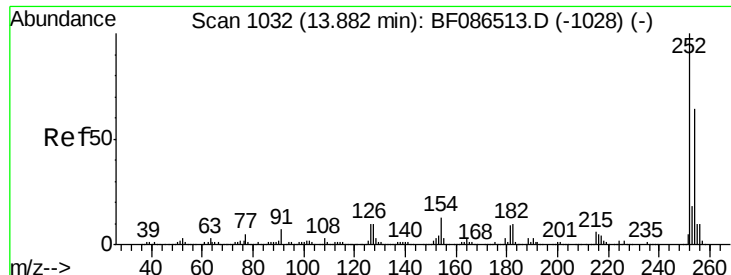


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

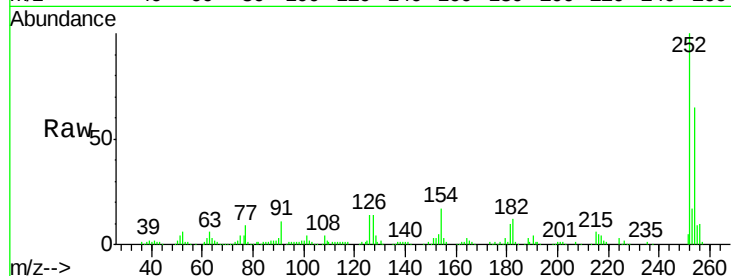




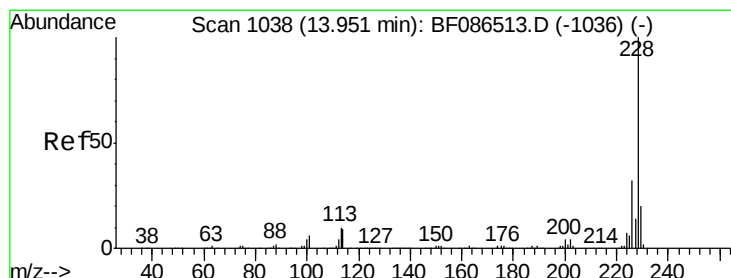
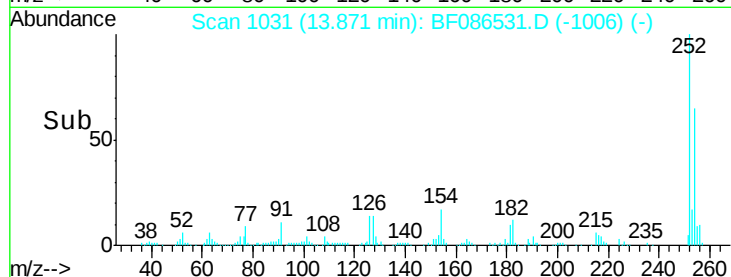
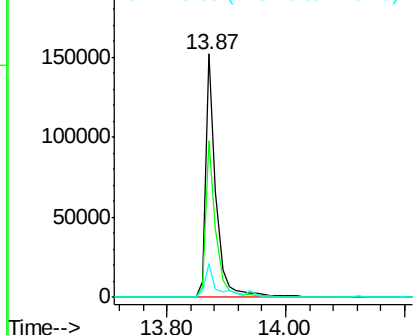
#81
 3,3'-Dichlorobenzidine
 Concen: 13.47 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 188229
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.7 76.1
 126 14.0 12.7 19.1

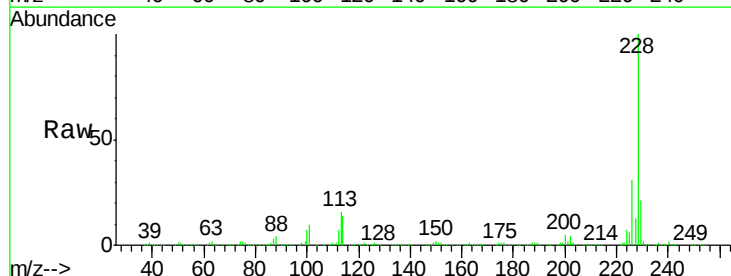


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

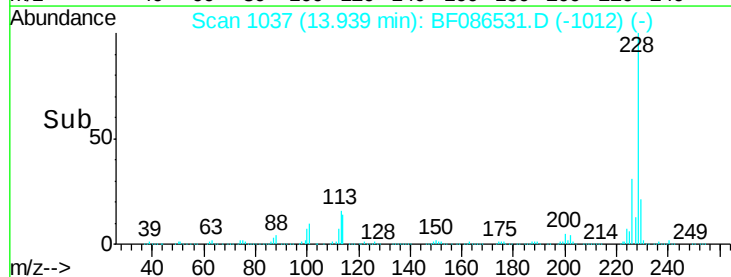
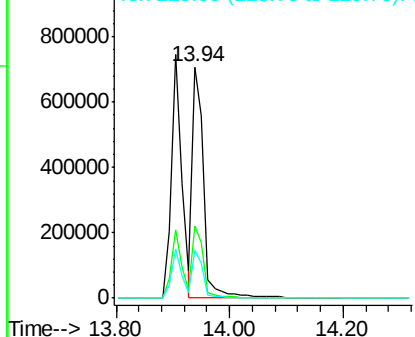


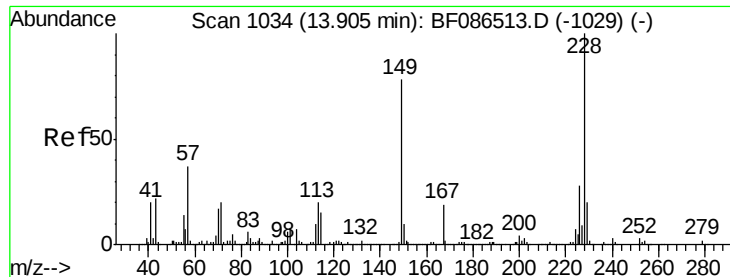
#82
 Chrysene
 Concen: 43.42 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:228 Resp: 986459
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.5 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

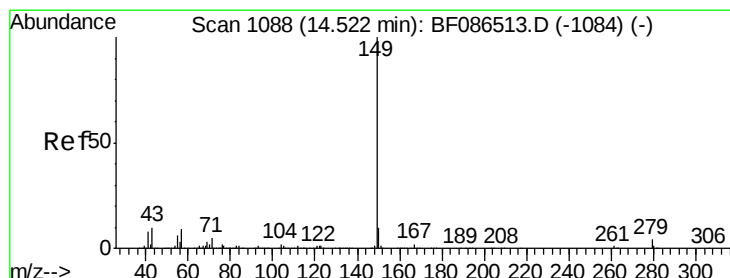
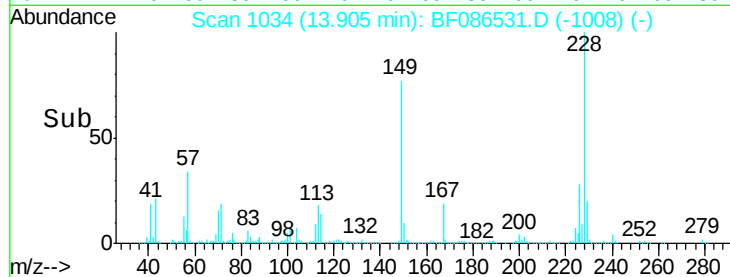
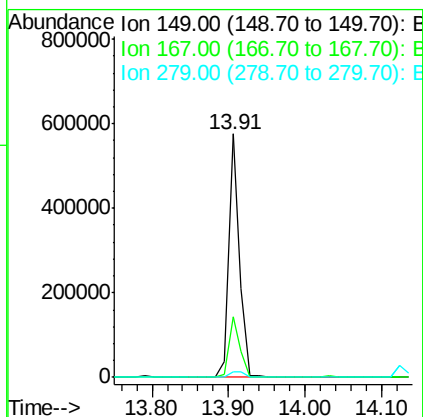
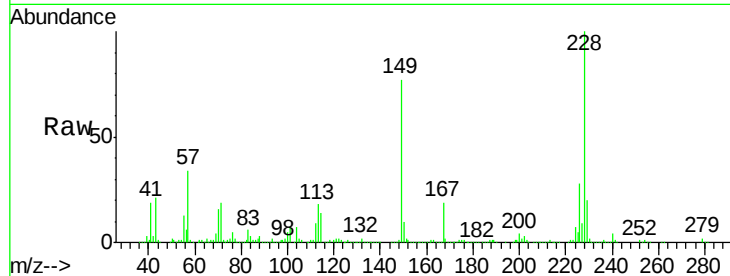




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.96 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

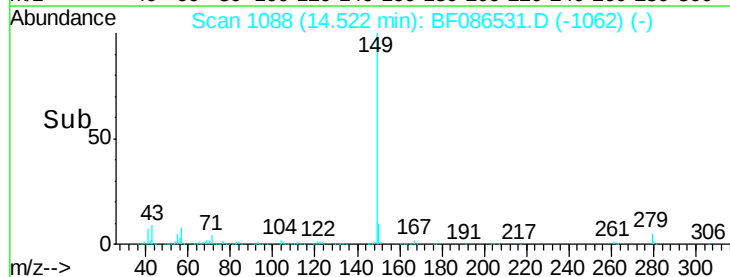
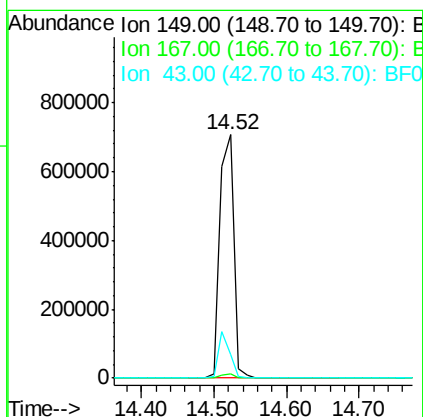
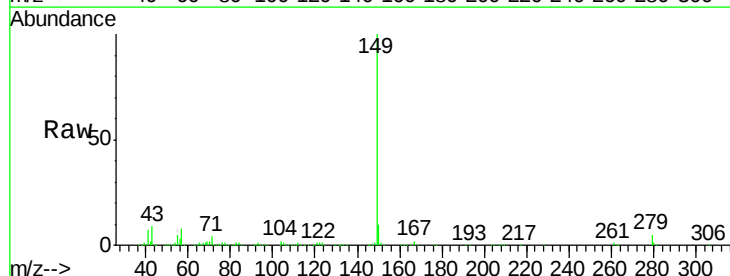
Instrument :
 BNA_F
 ClientSampleId :

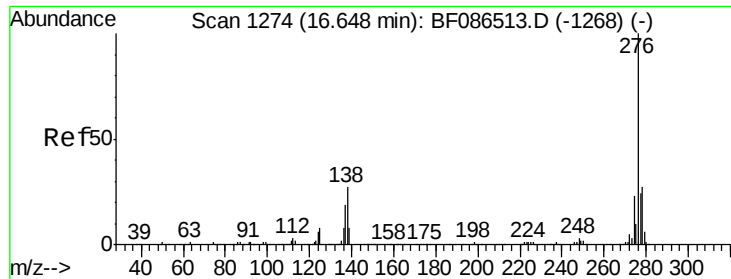
Tot Ion:149 Resp: 576423
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.8 32.6
 279 2.2 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 39.72 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF086531.D
 Acq: 30 Apr 2016 18:46

Tgt Ion:149 Resp: 944588
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.1 8.2 12.4#

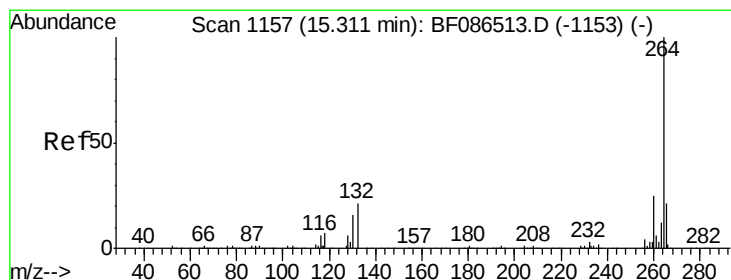
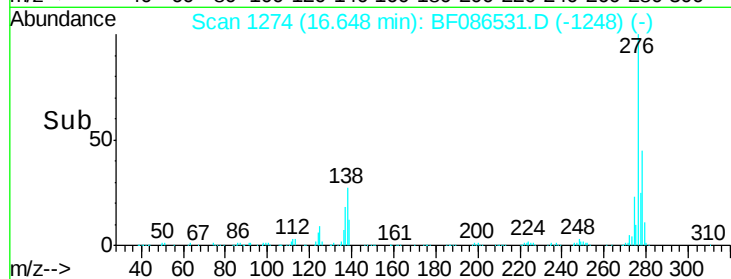
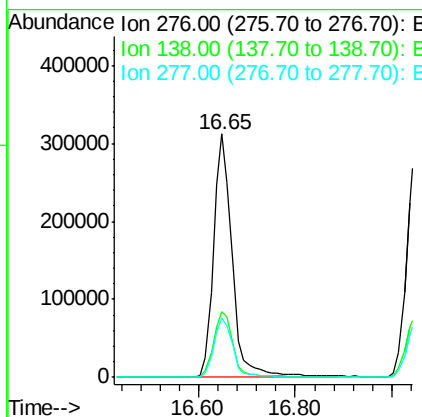
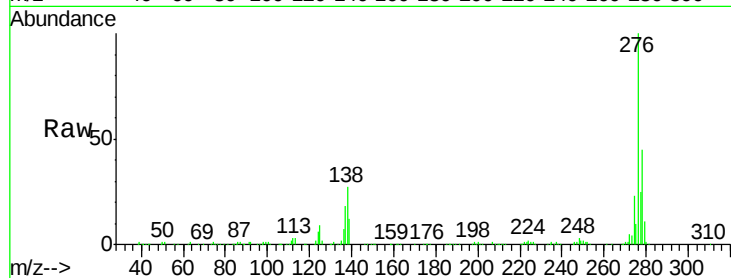




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.55 ng
RT: 16.65 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

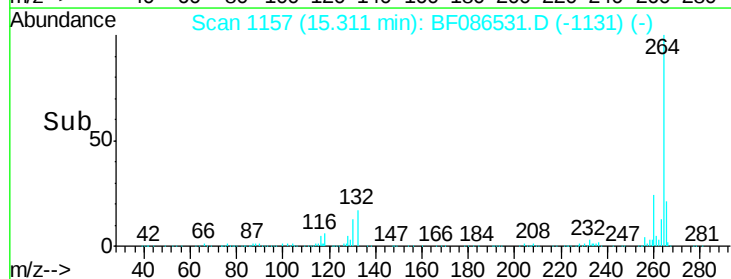
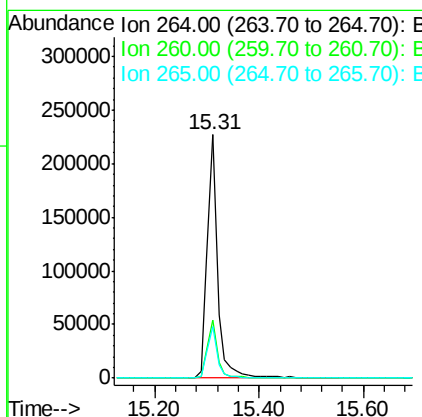
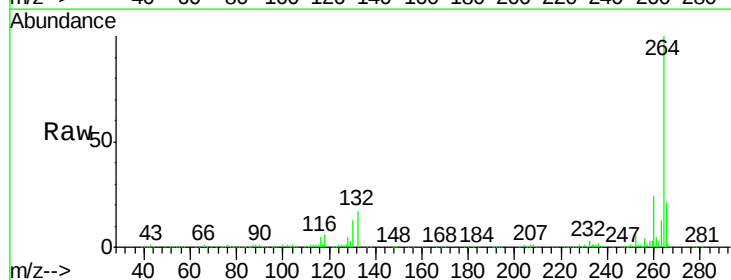
Instrument :
BNA_F
ClientSampleId :

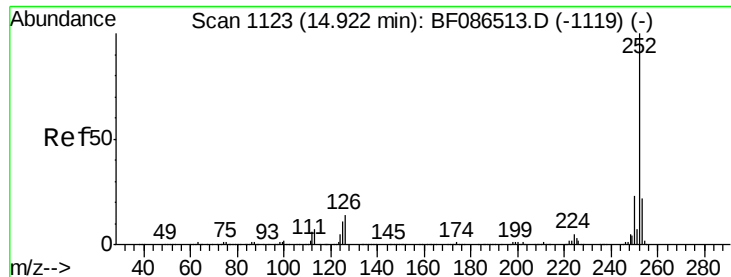
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.6	38.4
277	25.4	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF086531.D
Acq: 30 Apr 2016 18:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 90.28 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampled :

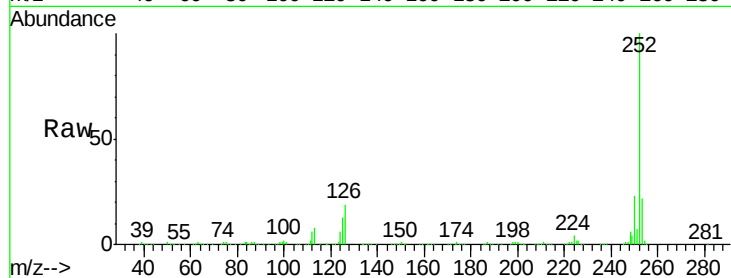
Tot Ion:252 Resp: 1666148

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

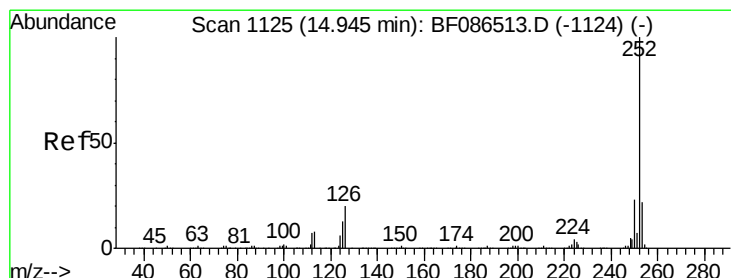
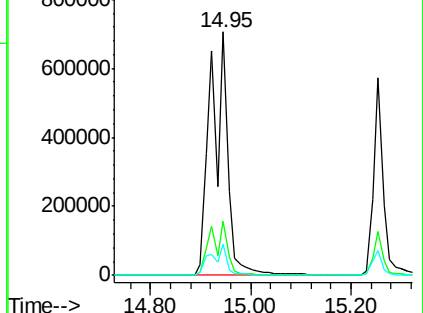
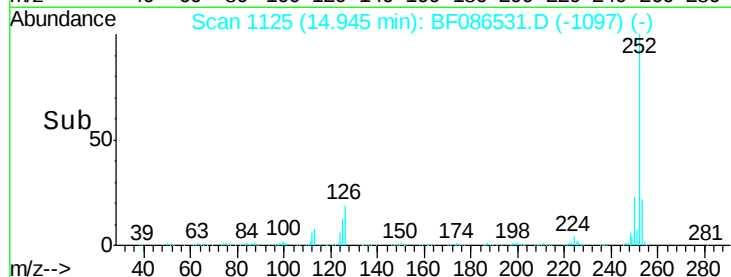
125 12.6 11.4 17.0



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: 86.67 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

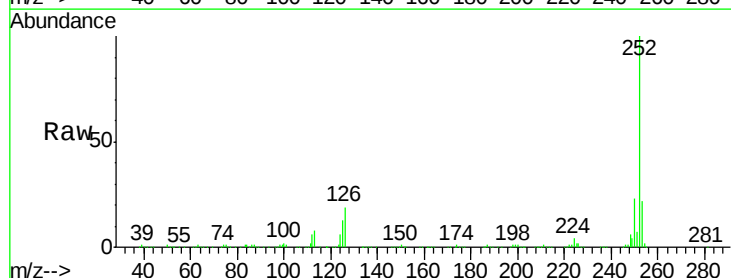
Tgt Ion:252 Resp: 1668342

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

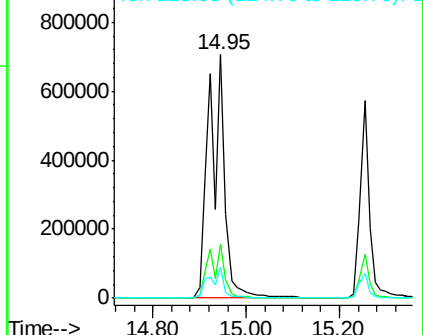
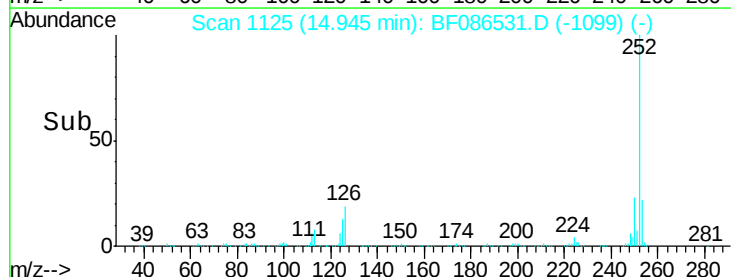
125 12.6 9.1 13.7

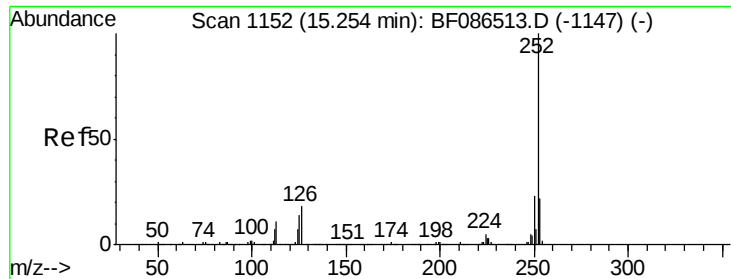


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.82 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

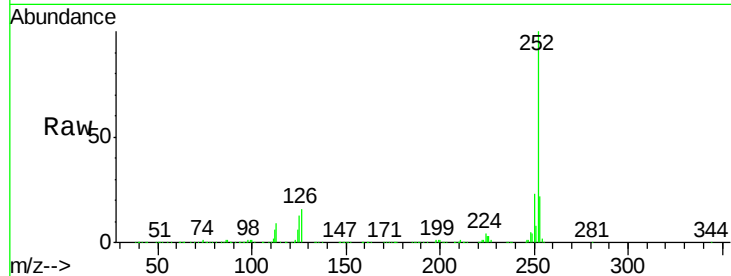
Tot Ion:252 Resp: 780922

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

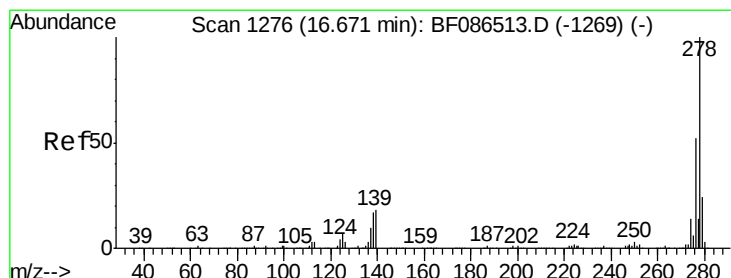
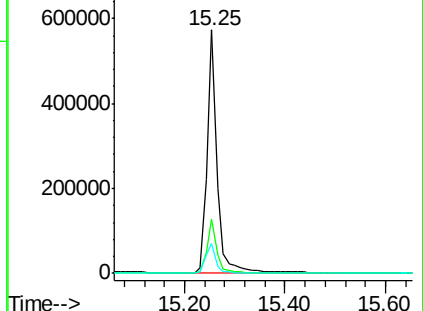
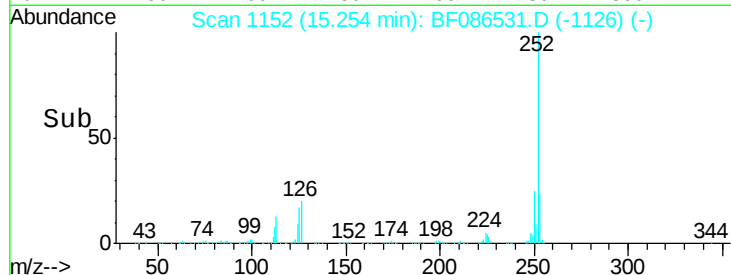
125 12.5 9.0 13.6



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: 49.75 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

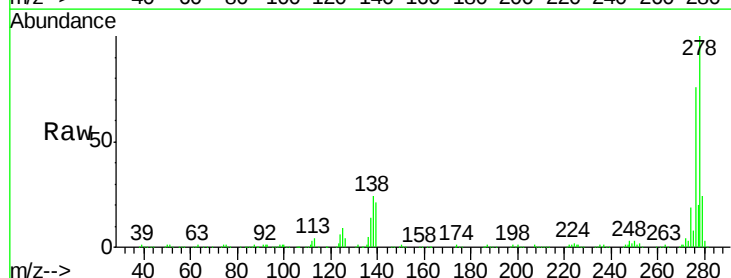
Tgt Ion:278 Resp: 709417

Ion Ratio Lower Upper

278 100

139 20.7 16.6 24.8

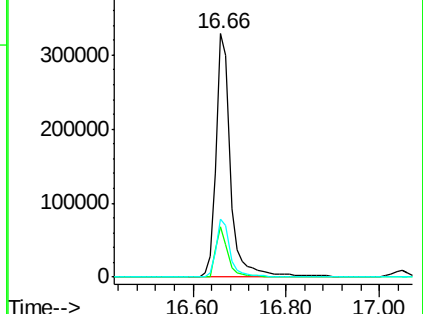
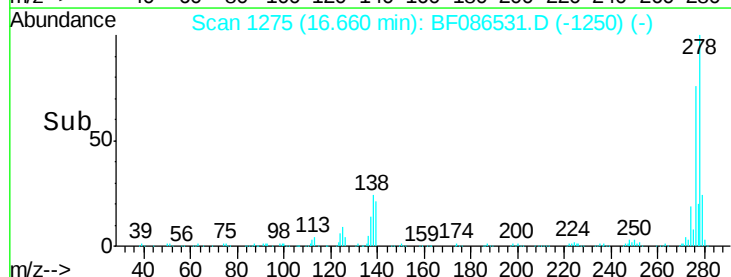
279 23.6 19.6 29.4

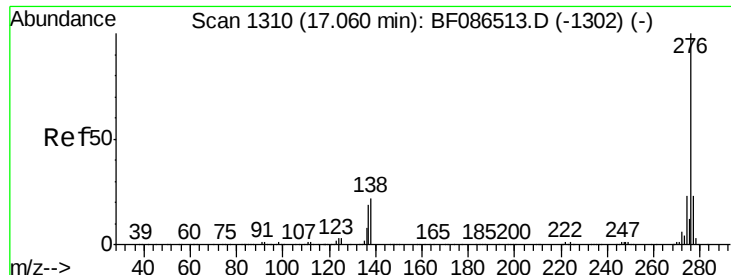


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.80 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF086531.D

Acq: 30 Apr 2016 18:46

Instrument :

BNA_F

ClientSampleId :

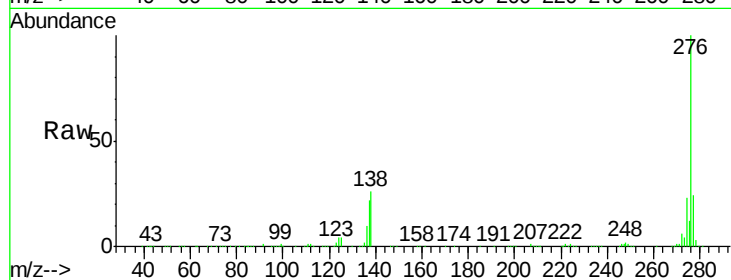
Tot Ion: 276 Resp: 711689

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 26.2 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

