

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086538.D
 Acq On : 30 Apr 2016 23:03
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 05:14:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156386	20.00	ng	-0.03
21) Naphthalene-d8	8.05	136	660013	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	318488	20.00	ng	-0.05
63) Phenanthrene-d10	11.29	188	602099	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	429547	20.00	ng	-0.05
86) Perylene-d12	15.31	264	356205	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	749546	82.67	ng	-0.04
7) Phenol-d6	6.41	99	992045	78.40	ng	-0.03
23) Nitrobenzene-d5	7.34	82	1055021	86.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	273644	81.47	ng	-0.05
44) 2-Fluorobiphenyl	9.14	172	1605854	89.17	ng	-0.03
78) Terphenyl-d14	12.86	244	1568515	80.45	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	193914	40.72	ng	# 76
3) Pyridine	2.97	79	516599	45.83	ng	# 72
4) n-Nitrosodimethylamine	2.92	42	273001	42.49	ng	# 60
6) Aniline	6.43	93	644676	42.10	ng	99
8) 2-Chlorophenol	6.56	128	445656	39.46	ng	95
9) Benzaldehyde	6.32	77	278404	37.82	ng	91
10) Phenol	6.42	94	543092	38.47	ng	# 65
11) bis(2-Chloroethyl)ether	6.51	93	521580	42.74	ng	93
12) 1,3-Dichlorobenzene	6.94	146	415435	34.20	ng	98
13) 1,4-Dichlorobenzene	6.78	146	490261	39.12	ng	95
14) 1,2-Dichlorobenzene	6.94	146	428382	37.27	ng	95
15) Benzyl Alcohol	6.92	79	337732	42.19	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	979343	40.09	ng	91
17) 2-Methylphenol	7.04	107	382843	41.94	ng	94
18) Hexachloroethane	7.28	117	175069	37.38	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	359970	43.04	ng	# 80
20) 3+4-Methylphenols	7.18	107	419021	40.21	ng	# 76
22) Acetophenone	7.18	105	584522	40.39	ng	# 89
24) Nitrobenzene	7.36	77	534941	42.47	ng	99
25) Isophorone	7.60	82	923179	39.17	ng	99
26) 2-Nitrophenol	7.68	139	254731	43.92	ng	97
27) 2,4-Dimethylphenol	7.72	122	428614	42.12	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	550884	42.91	ng	99
29) 2,4-Dichlorophenol	7.92	162	370220	43.12	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	381010	38.25	ng	96
31) Naphthalene	8.08	128	1229077	36.60	ng	98
32) Benzoic acid	7.85	122	219209	37.85	ng	86
33) 4-Chloroaniline	8.13	127	556856	44.28	ng	98
34) Hexachlorobutadiene	8.20	225	214481	38.41	ng	99
35) Caprolactam	8.51	113	117520	41.03	ng	# 59
36) 4-Chloro-3-methylphenol	8.61	107	402347	40.93	ng	90
37) 2-Methylnaphthalene	8.77	142	801303	40.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	348304	38.21	ng	98
40) Hexachlorocyclopentadiene	8.92	237	166699	36.80	ng	95

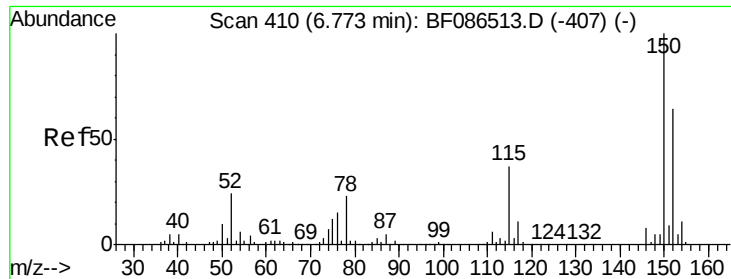
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086538.D
 Acq On : 30 Apr 2016 23:03
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: May 01 05:14:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	240999	41.82	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	256392	40.82	ng	95
45) 1,1'-Biphenyl	9.23	154	978537	36.76	ng	96
46) 2-Chloronaphthalene	9.25	162	764562	37.77	ng	94
47) 2-Nitroaniline	9.36	65	311539	48.00	ng	89
48) Acenaphthylene	9.66	152	1214731	38.39	ng	99
49) Dimethylphthalate	9.54	163	939587	39.19	ng	100
50) 2,6-Dinitrotoluene	9.60	165	197995	39.97	ng	# 80
51) Acenaphthene	9.84	154	812206	39.97	ng	99
52) 3-Nitroaniline	9.77	138	261558	46.43	ng	93
53) 2,4-Dinitrophenol	9.87	184	96770	40.06	ng	# 85
54) Dibenzofuran	10.01	168	987385	38.88	ng	94
55) 4-Nitrophenol	9.93	139	151994	41.21	ng	# 62
56) 2,4-Dinitrotoluene	10.00	165	259488	41.09	ng	# 87
57) Fluorene	10.35	166	766891	34.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	208393	42.44	ng	97
59) Diethylphthalate	10.24	149	932221	41.07	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	399973	39.95	ng	88
61) 4-Nitroaniline	10.38	138	249790	45.36	ng	88
62) Azobenzene	10.51	77	1057676	42.54	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	148485	42.01	ng	# 65
65) n-Nitrosodiphenylamine	10.46	169	723171	38.43	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	253219	40.81	ng	# 77
67) Hexachlorobenzene	10.90	284	269513	37.53	ng	# 79
68) Atrazine	11.00	200	265252	46.94	ng	96
69) Pentachlorophenol	11.09	266	147665	39.00	ng	99
70) Phenanthrene	11.31	178	1178950	37.31	ng	99
71) Anthracene	11.37	178	1385346	41.08	ng	100
72) Carbazole	11.52	167	1158825	38.77	ng	99
73) Di-n-butylphthalate	11.86	149	1425185	42.09	ng	99
74) Fluoranthene	12.49	202	1284457	40.27	ng	99
76) Benzidine	12.62	184	615256	41.68	ng	98
77) Pyrene	12.72	202	1230335	39.75	ng	99
79) Butylbenzylphthalate	13.35	149	540849	40.35	ng	# 77
80) Benzo(a)anthracene	13.91	228	932897	40.73	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	586208	38.29	ng	100
82) Chrysene	13.94	228	927427	37.26	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	564179	33.91	ng	97
84) Di-n-octyl phthalate	14.51	149	886010	34.00	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.65	276	912126	49.45	ng	97
87) Benzo(b)fluoranthene	14.95	252	1663163	79.37	ng	# 97
88) Benzo(k)fluoranthene	14.95	252	1664265	76.14	ng	99
89) Benzo(a)pyrene	15.25	252	782690	39.56	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	757341	46.78	ng	99
91) Benzo(g,h,i)perylene	17.05	276	775484	47.80	ng	95

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

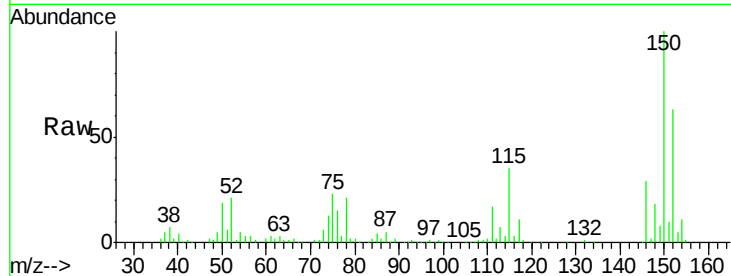


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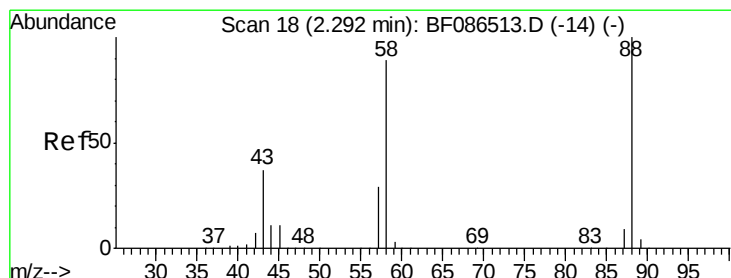
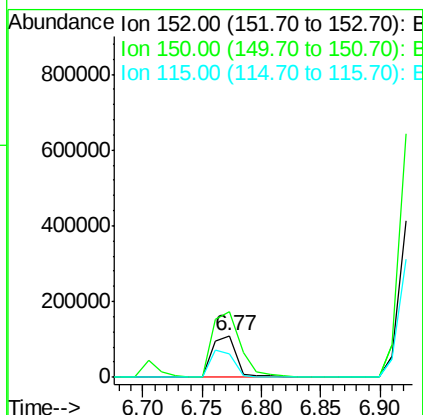
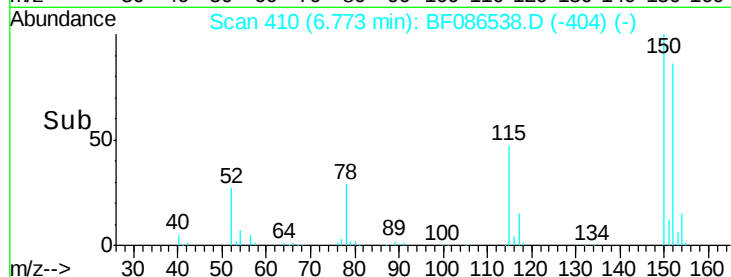
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156386
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 55.0 51.5 77.3



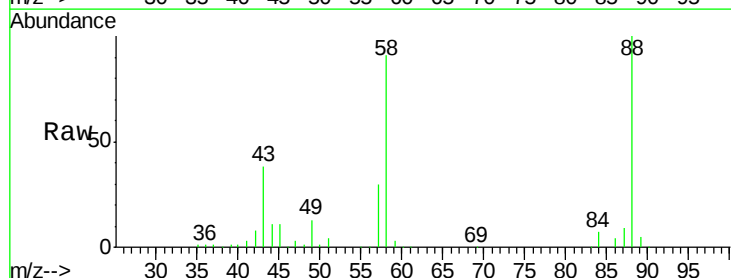
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



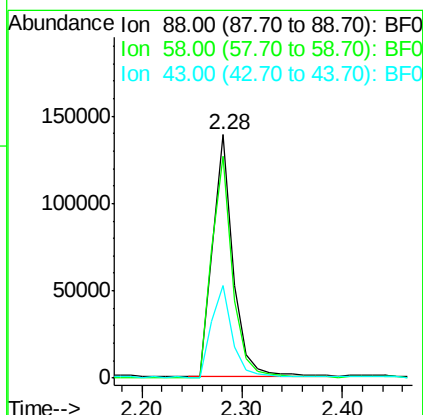
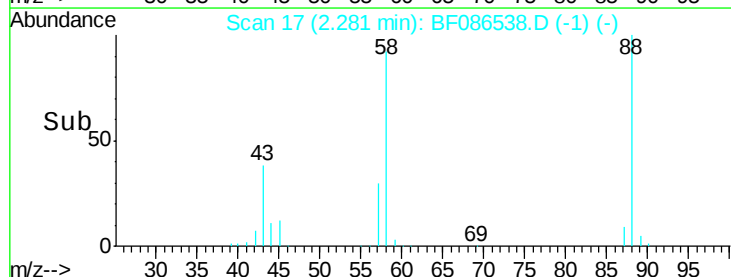
#2

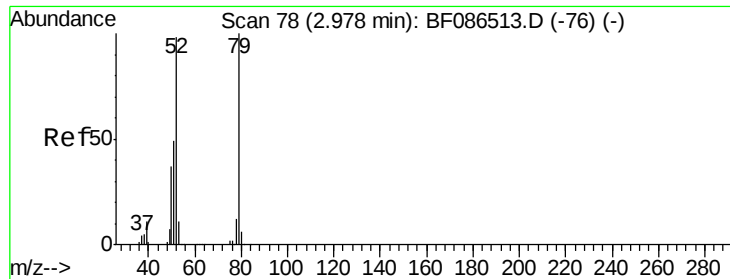
1,4-Dioxane
Concen: 40.72 ng
RT: 2.28 min Scan# 17
Delta R.T. -0.08 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion: 88 Resp: 193914
Ion Ratio Lower Upper
88 100
58 94.8 59.6 89.4#
43 39.2 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.83 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.09 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

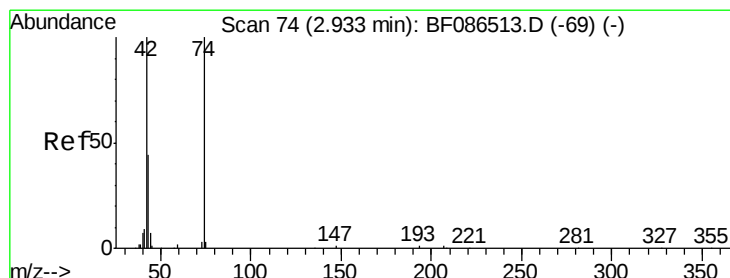
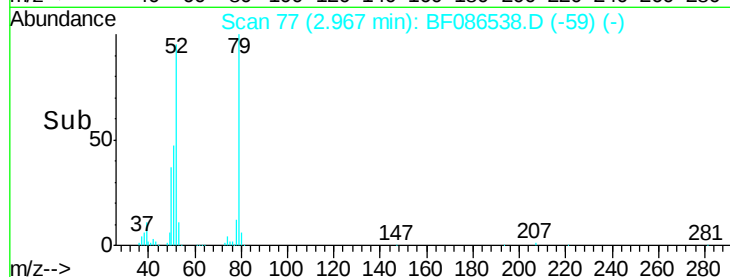
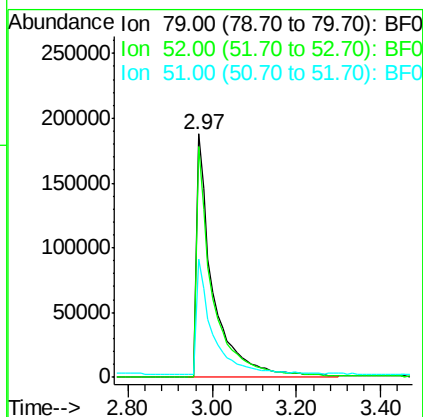
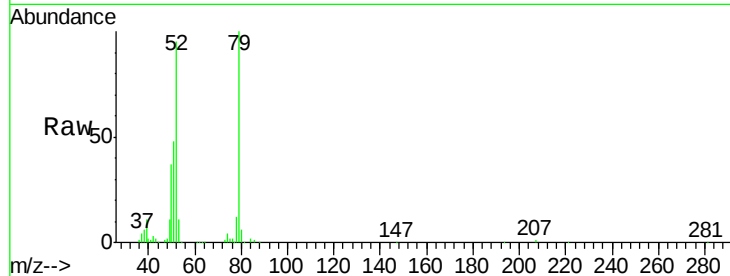
Tot Ion: 79 Resp: 516599

Ion Ratio Lower Upper

79 100

52 95.1 55.9 83.9#

51 48.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 42.49 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.09 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

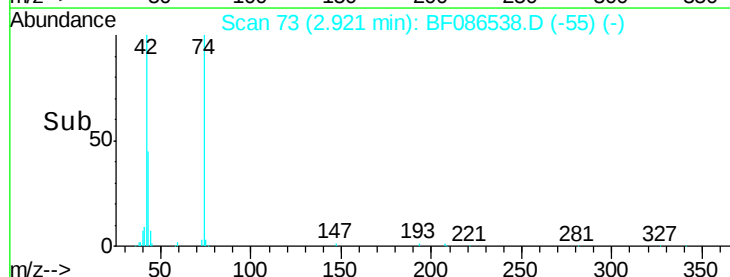
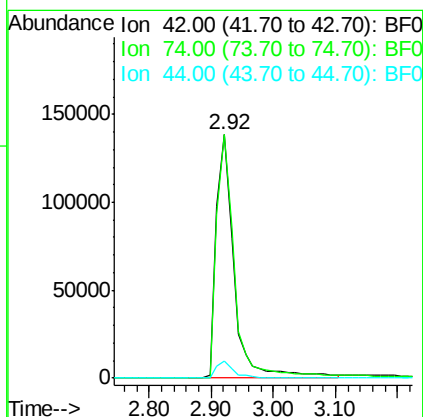
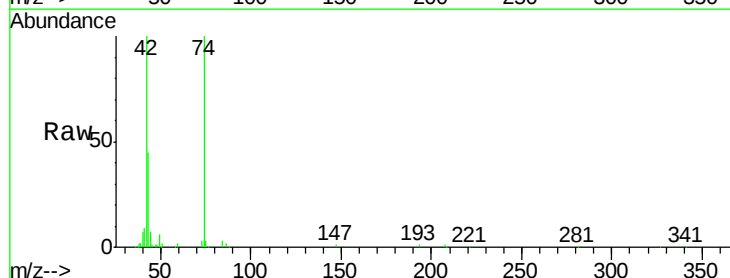
Tgt Ion: 42 Resp: 273001

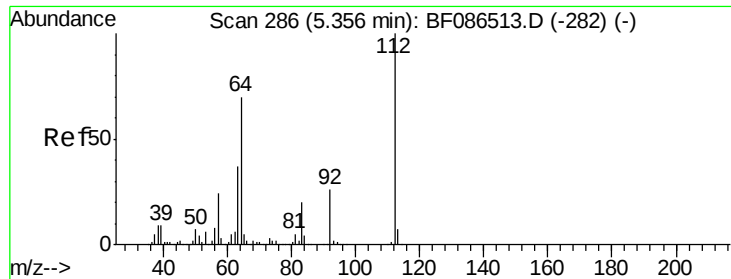
Ion Ratio Lower Upper

42 100

74 99.9 123.4 185.0#

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 82.67 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

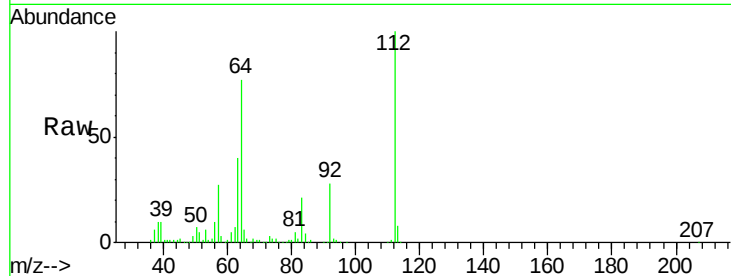
Tot Ion:112 Resp: 749546

Ion Ratio Lower Upper

112 100

64 76.7 52.1 78.1

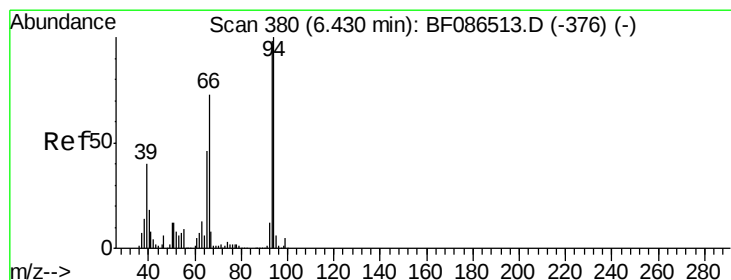
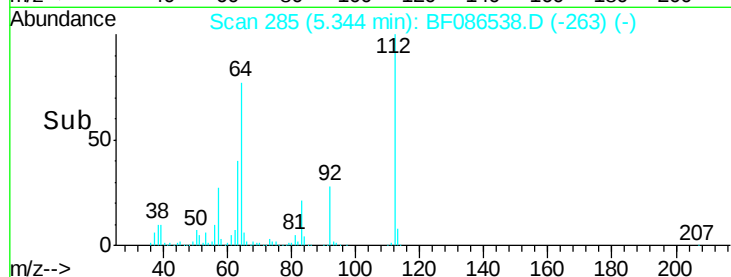
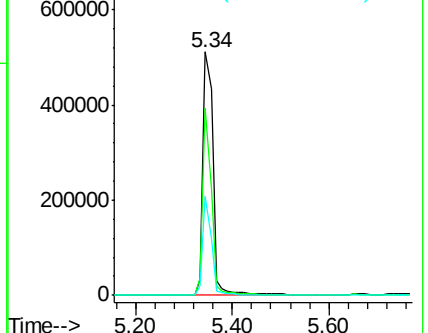
63 40.5 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.10 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

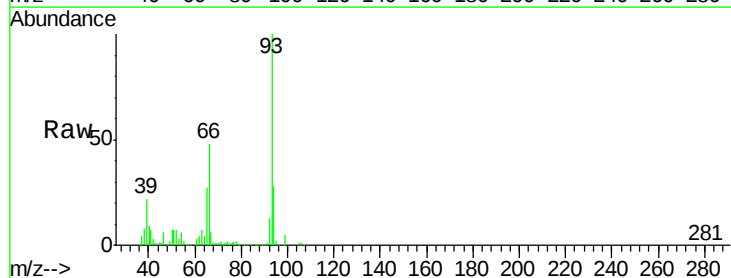
Tgt Ion: 93 Resp: 644676

Ion Ratio Lower Upper

93 100

66 48.2 39.0 58.6

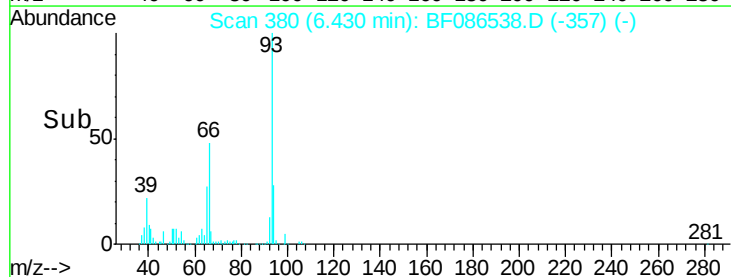
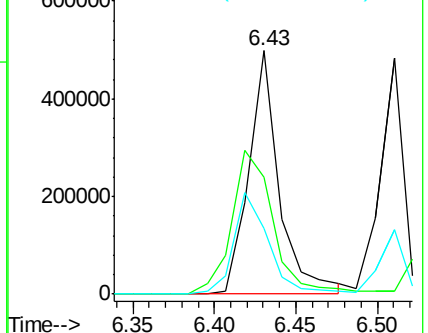
65 26.8 20.6 31.0

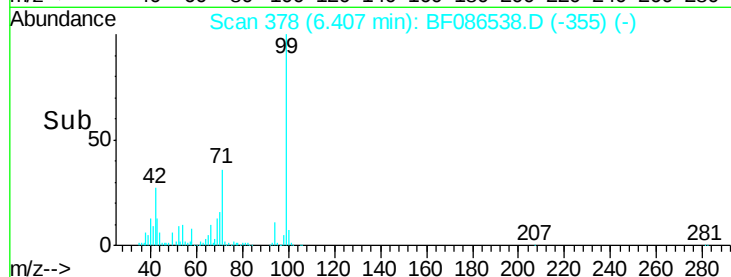
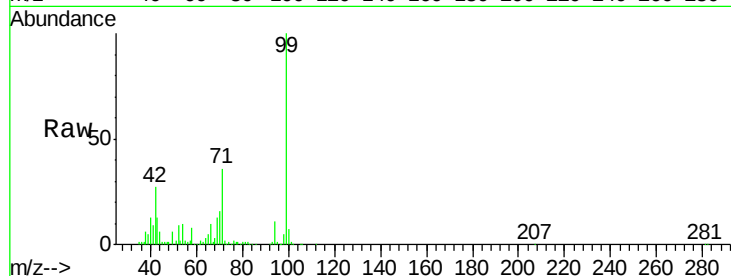
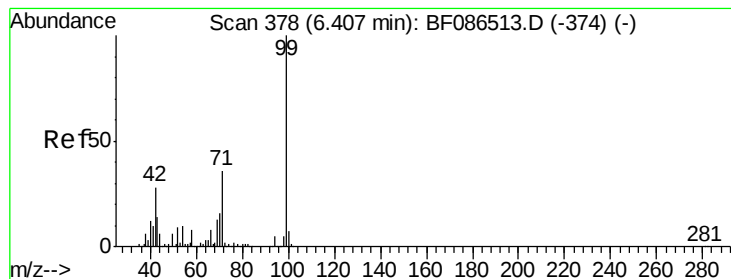


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.40 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

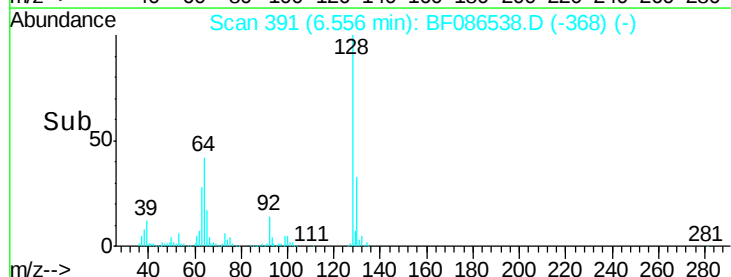
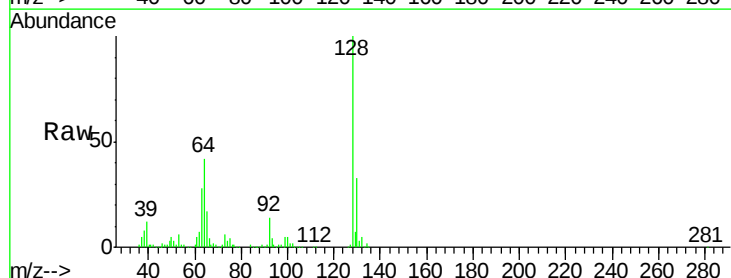
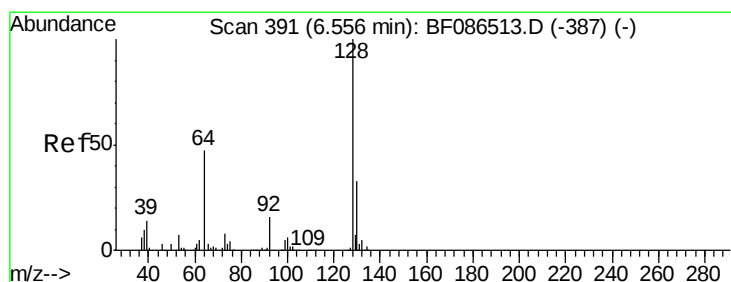
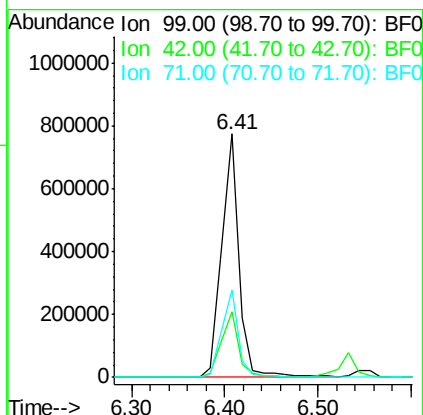
Tot Ion: 99 Resp: 992045

Ion Ratio Lower Upper

99 100

42 27.0 13.6 20.4#

71 36.0 24.6 36.8



#8

2-Chlorophenol

Concen: 39.46 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

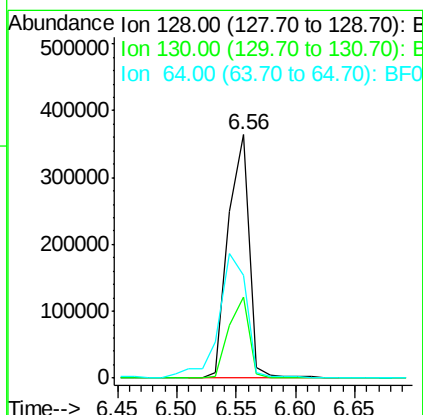
Tgt Ion: 128 Resp: 445656

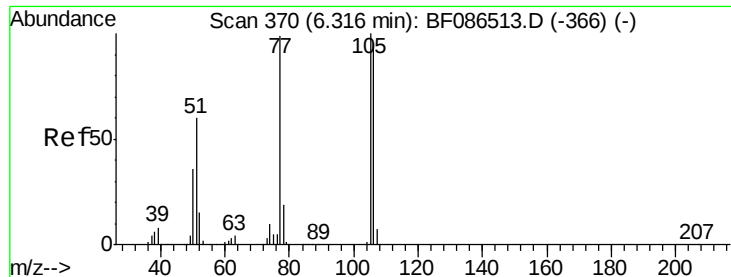
Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

64 42.5 27.3 67.3





#9

Benzaldehyde

Concen: 37.82 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

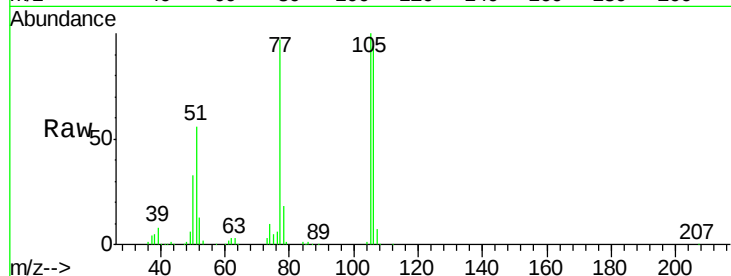
Tot Ion: 77 Resp: 278404

Ion Ratio Lower Upper

77 100

105 103.5 72.7 112.7

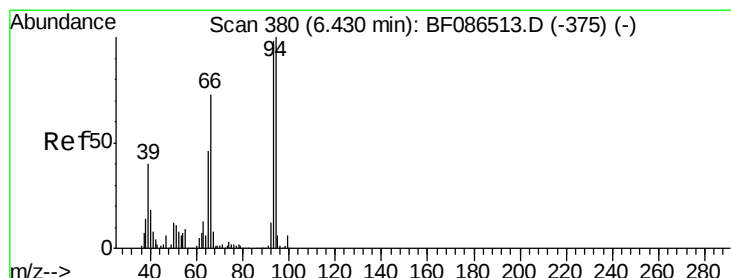
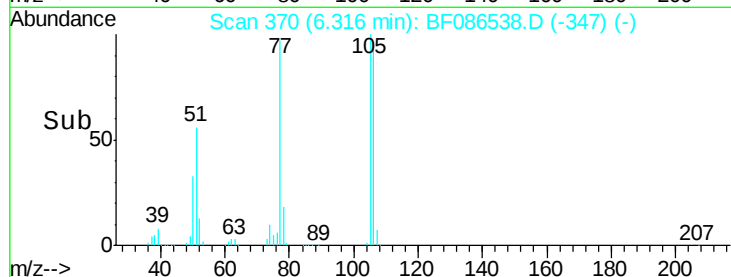
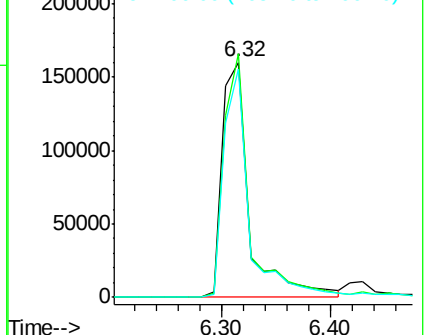
106 97.3 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.47 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

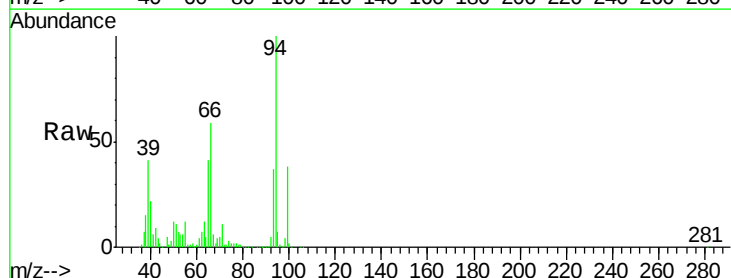
Tgt Ion: 94 Resp: 543092

Ion Ratio Lower Upper

94 100

65 41.4 7.2 47.2

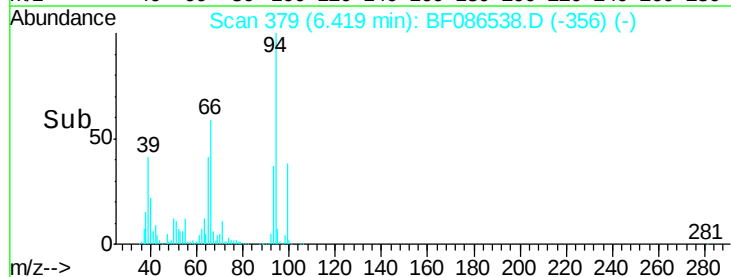
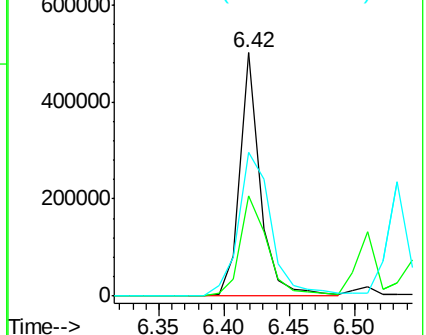
66 58.9 14.9 54.9#

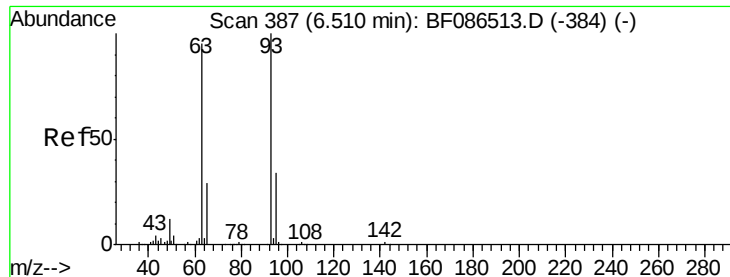


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

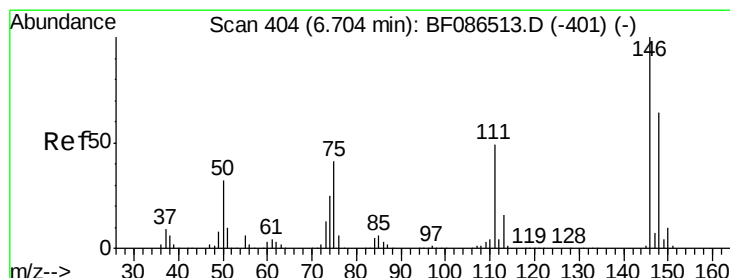
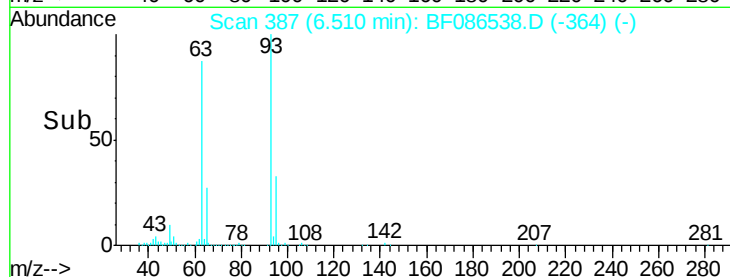
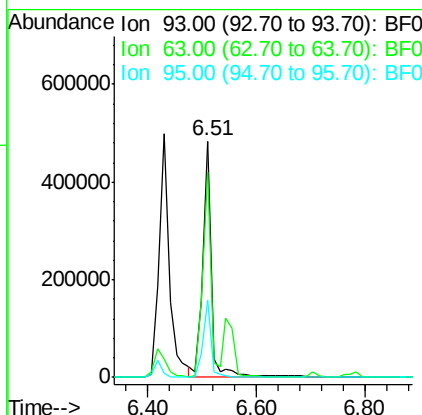
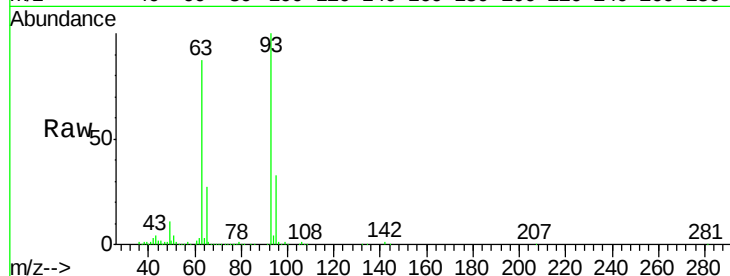




#11
bis(2-Chloroethyl)ether
Concen: 42.74 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

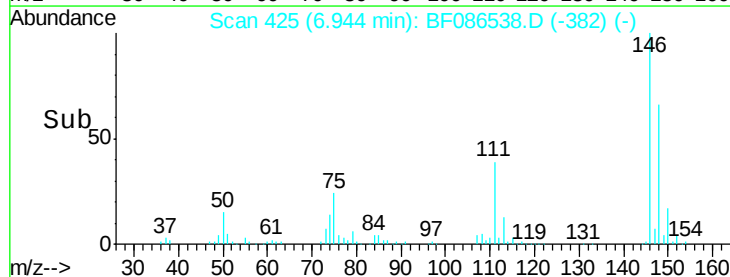
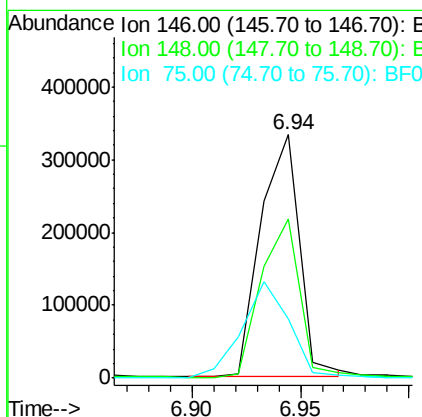
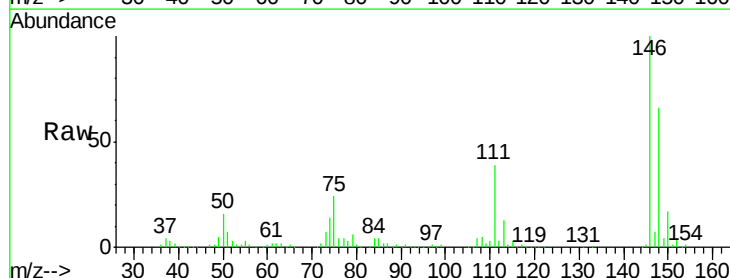
Instrument :
BNA_F
ClientSampleId :

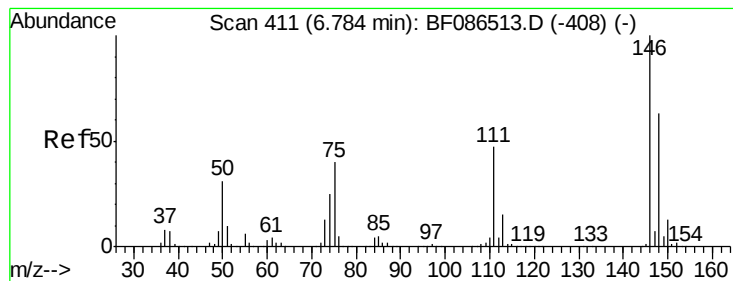
Tot Ion: 93 Resp: 521580
Ion Ratio Lower Upper
93 100
63 86.7 58.0 98.0
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 34.20 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.19 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion: 146 Resp: 415435
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
75 24.5 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 39.12 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

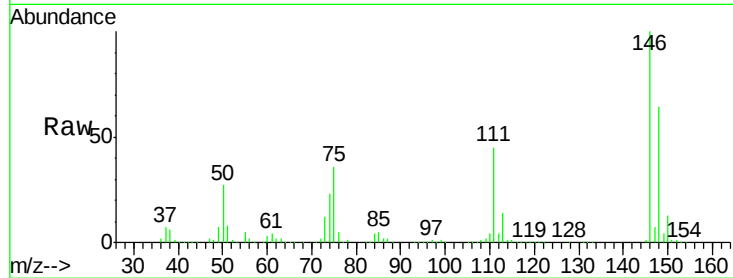
Tot Ion:146 Resp: 490261

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

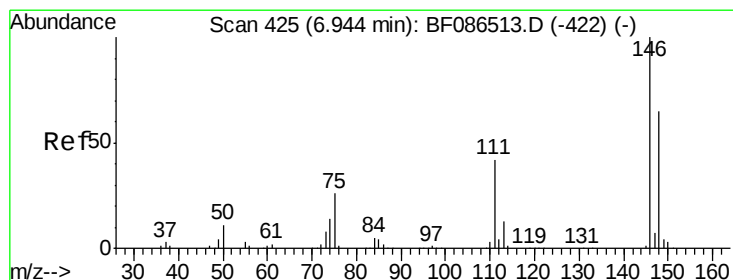
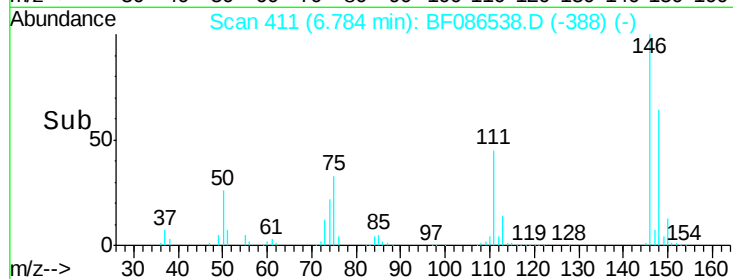
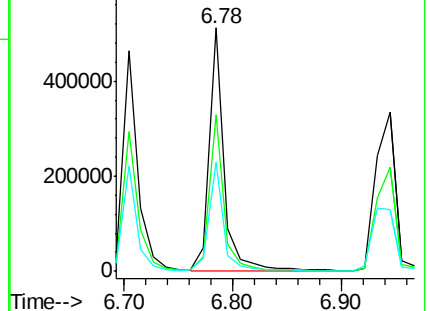
111 44.7 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.27 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

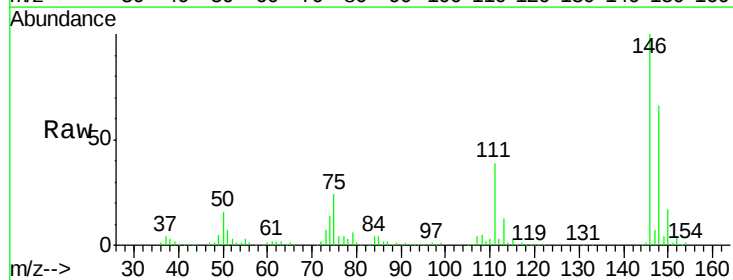
Tgt Ion:146 Resp: 428382

Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.6

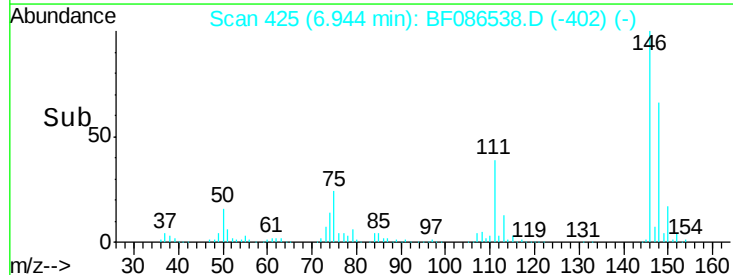
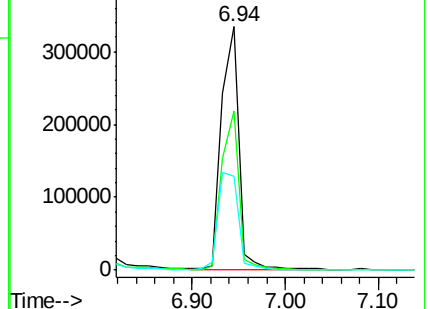
111 38.6 36.2 54.4

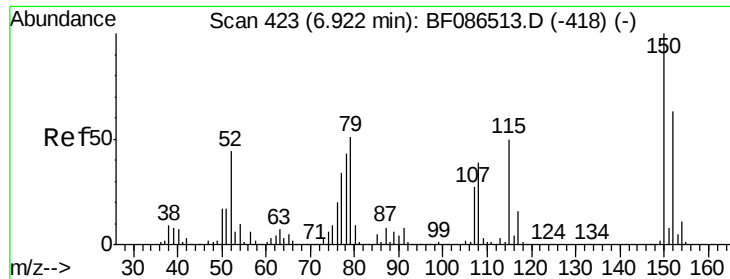


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

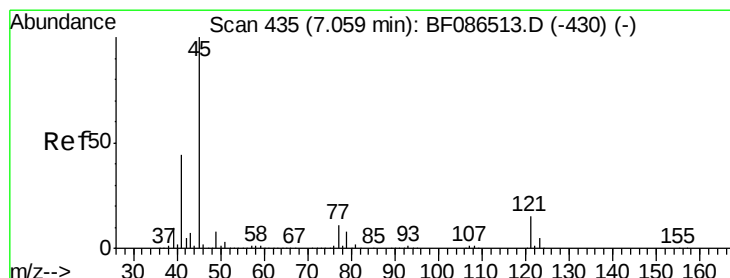
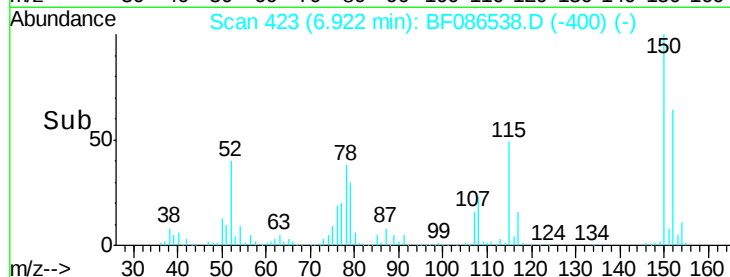
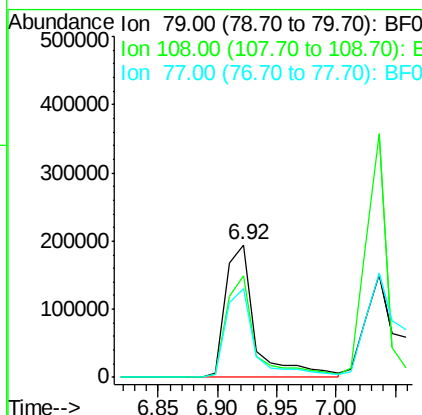
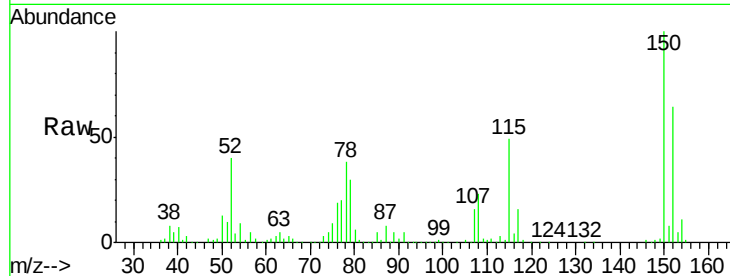




#15
Benzyl Alcohol
Concen: 42.19 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

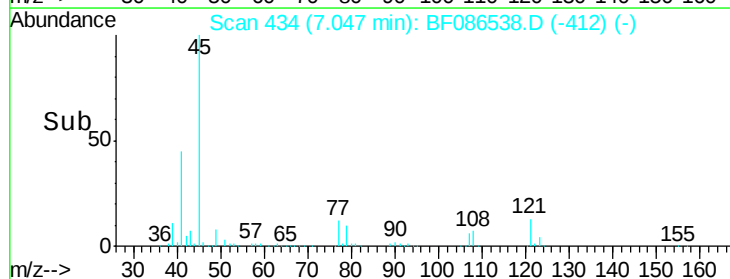
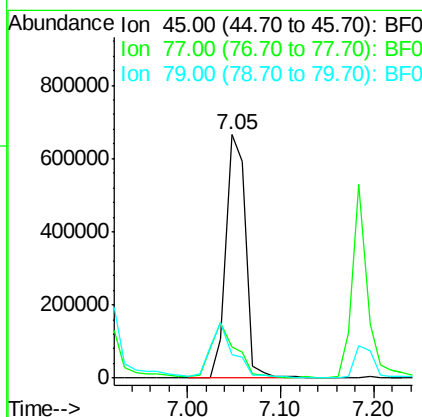
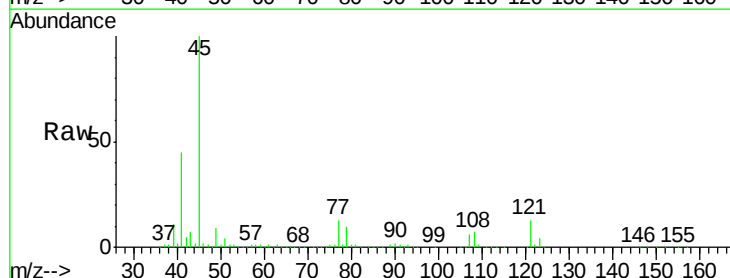
Instrument :
BNA_F
ClientSampleId :

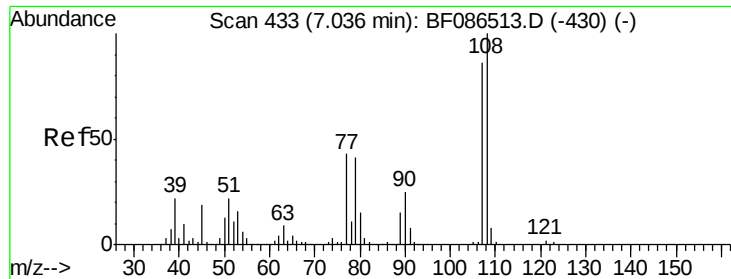
Tot Ion: 79 Resp: 337732
Ion Ratio Lower Upper
79 100
108 76.2 68.4 102.6
77 67.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.09 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion: 45 Resp: 979343
Ion Ratio Lower Upper
45 100
77 12.6 0.0 36.4
79 9.8 0.0 33.4





#17

2-Methylphenol

Concen: 41.94 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 382843

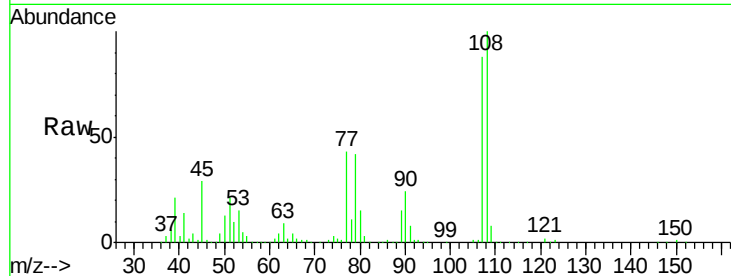
Ion Ratio Lower Upper

107 100

108 113.1 93.7 140.5

77 48.2 33.4 50.0

79 47.5 34.3 51.5

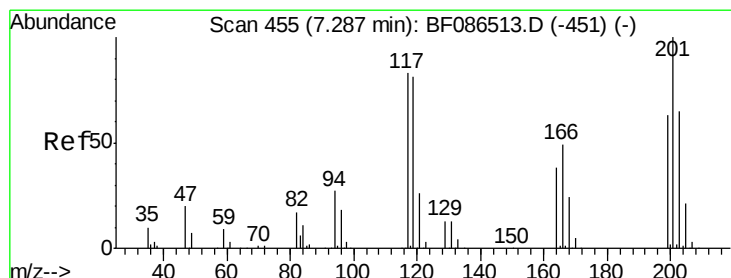
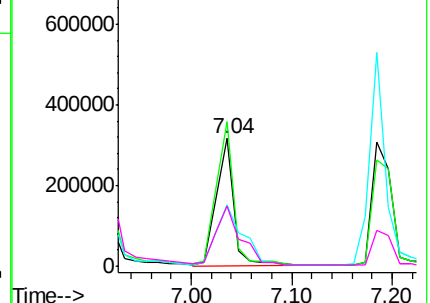
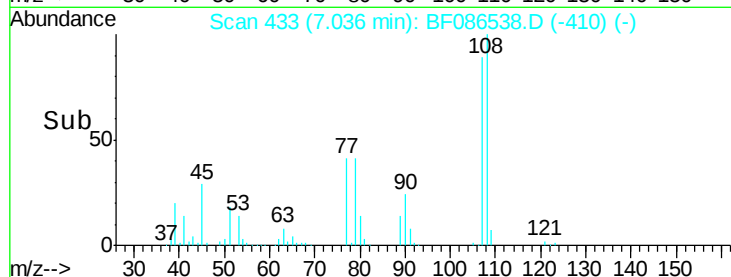


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.38 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

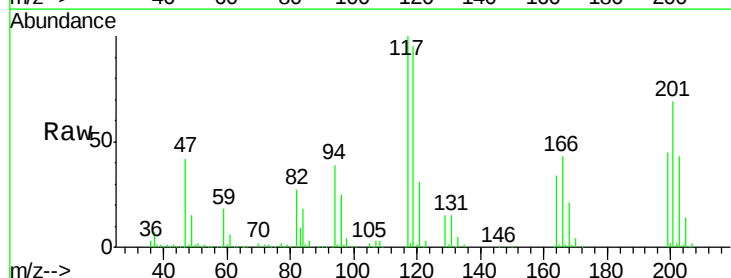
Tgt Ion:117 Resp: 175069

Ion Ratio Lower Upper

117 100

119 94.9 76.5 114.7

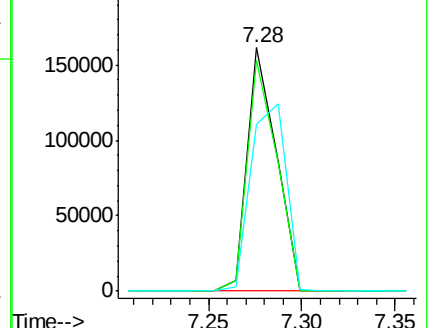
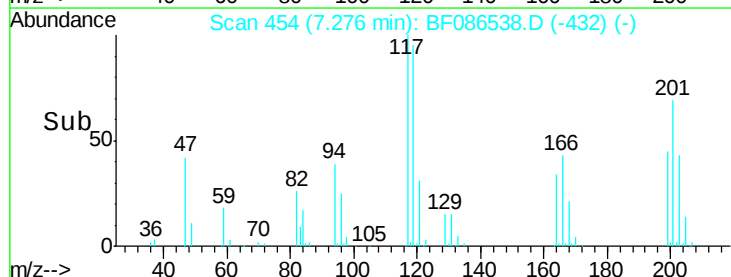
201 68.7 63.0 94.6

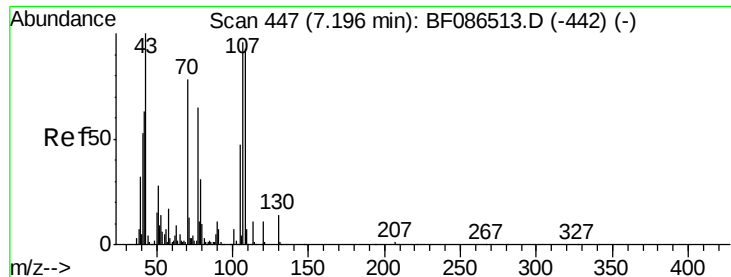


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

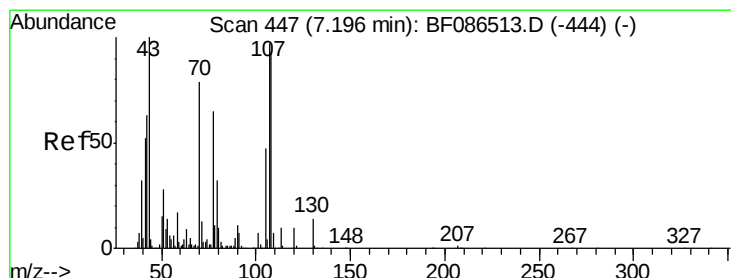
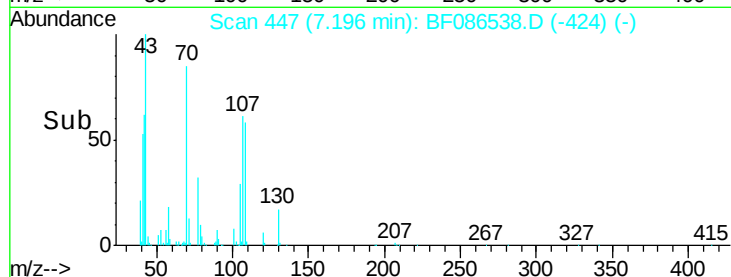
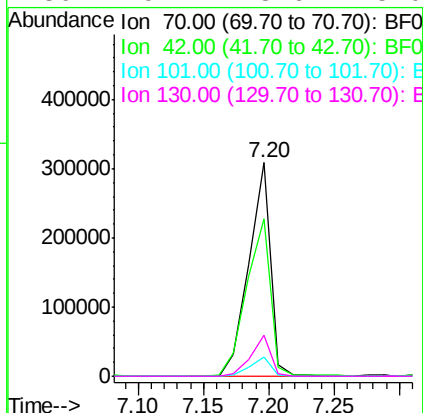
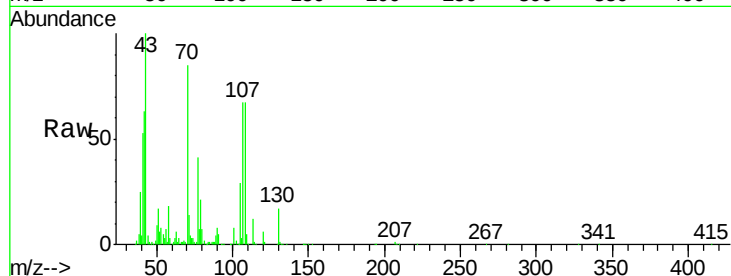




#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

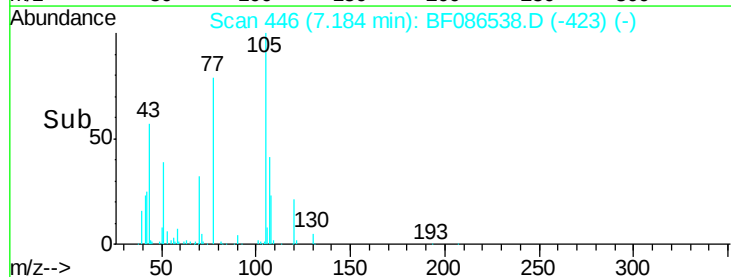
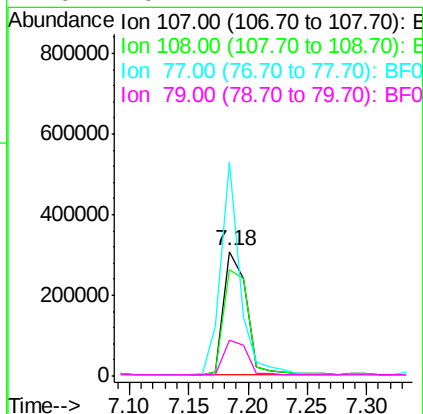
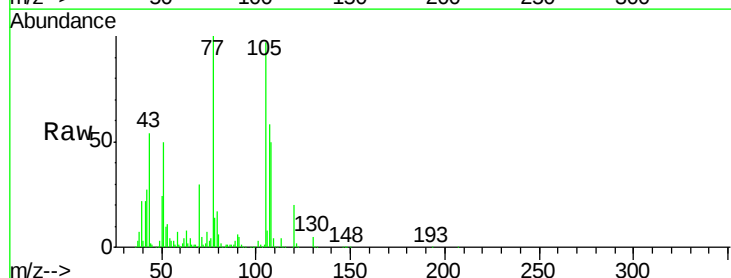
Instrument :
BNA_F
ClientSampleId :

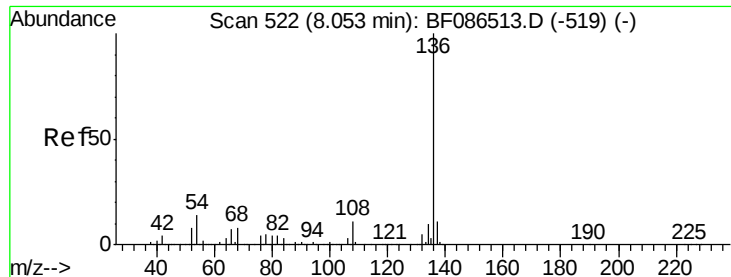
Tot Ion	Ratio	Lower	Upper
70	100		
42	74.0	43.1	64.7#
101	9.1	8.1	12.1
130	19.4	18.6	28.0



#20
3+4-Methylphenols
Concen: 40.21 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	68.5	108.5
77	171.3	101.6	141.6#
79	29.2	7.4	47.4

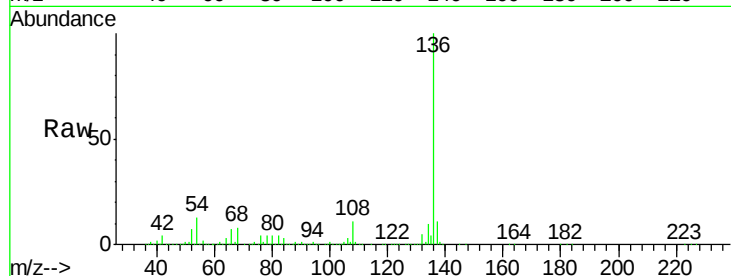




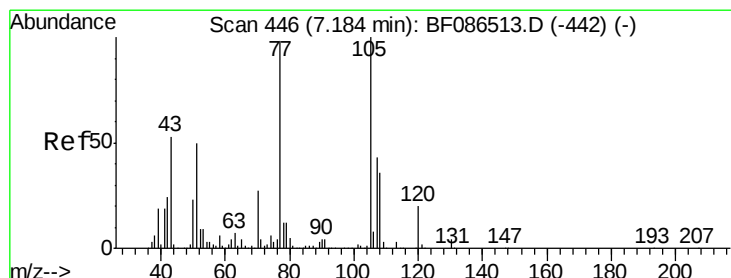
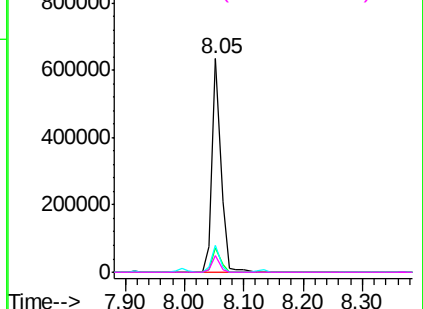
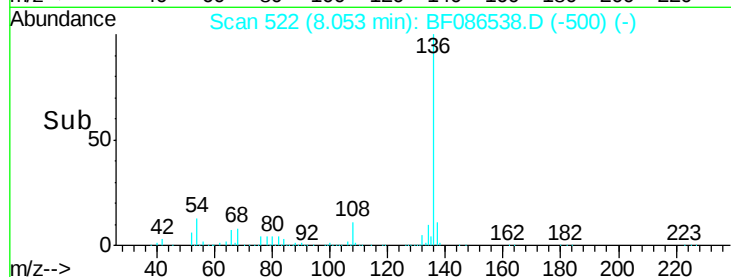
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	660013
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	12.7	5.0 7.4#
68	7.6	4.4 6.6#

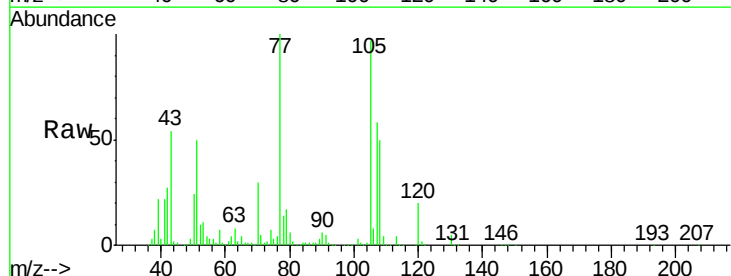


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

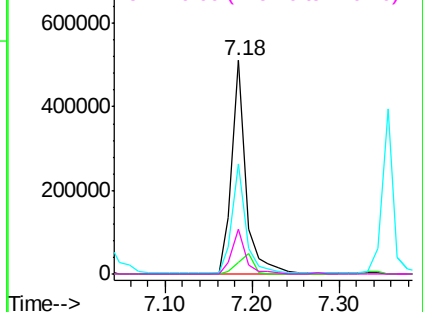
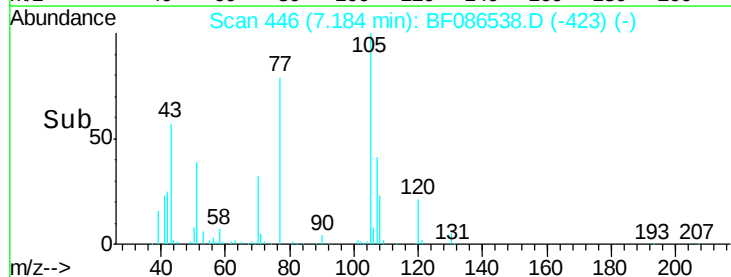


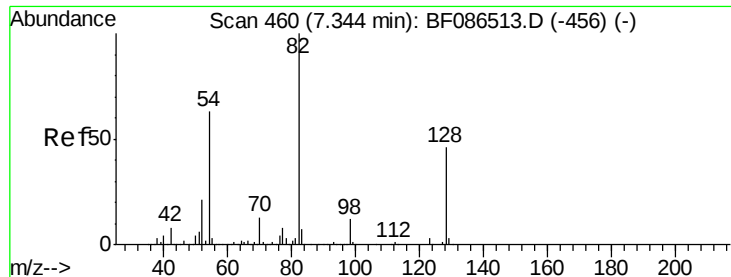
#22
Acetophenone
Concen: 40.39 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:105	Resp:	584522
Ion Ratio	Lower	Upper
105	100	
71	5.1	4.8 7.2
51	51.4	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

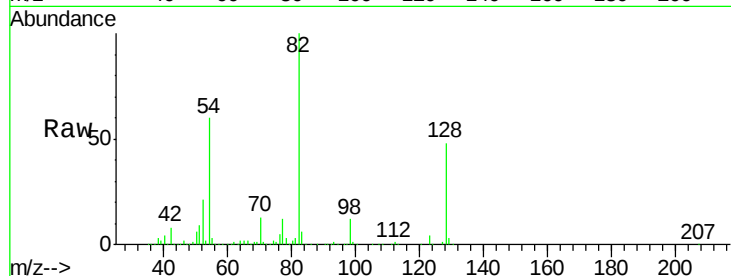




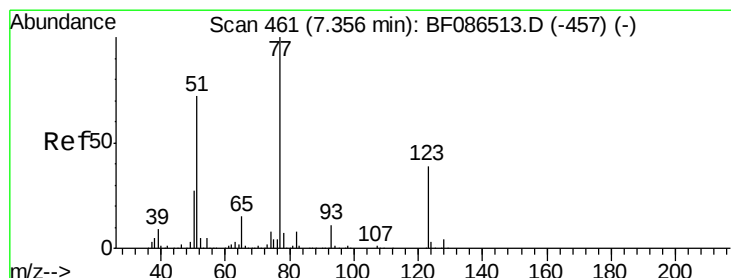
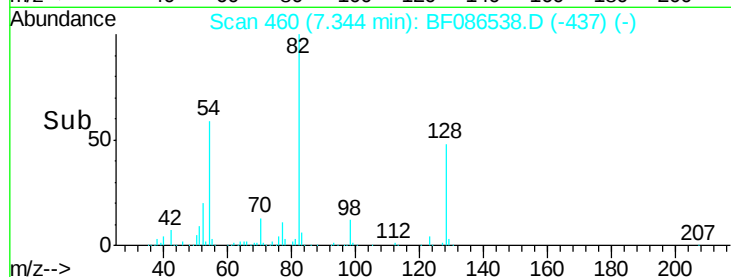
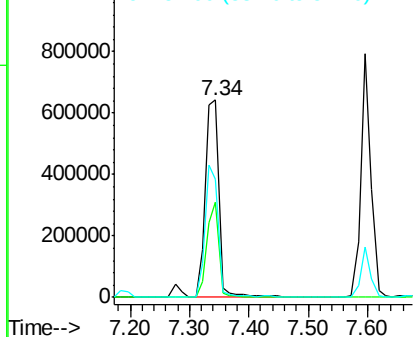
#23
 Nitrobenzene-d5
 Concen: 86.16 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1055021
 Ion Ratio Lower Upper
 82 100
 128 48.5 40.6 61.0
 54 59.6 38.1 57.1#

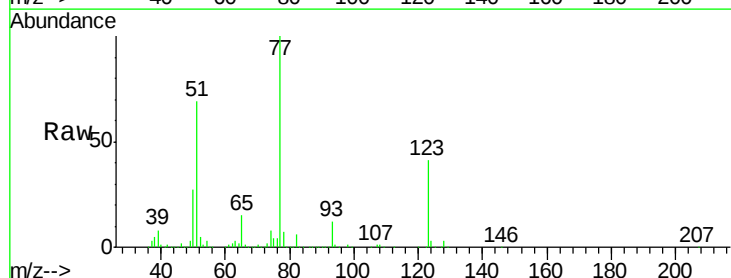


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

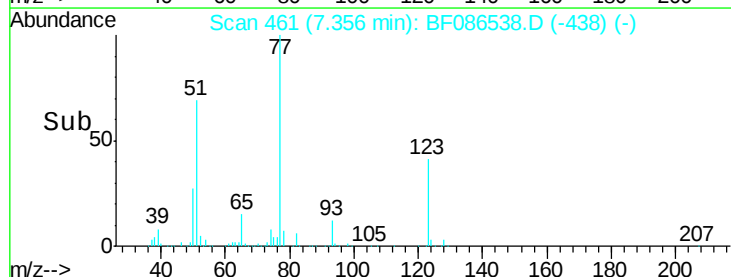
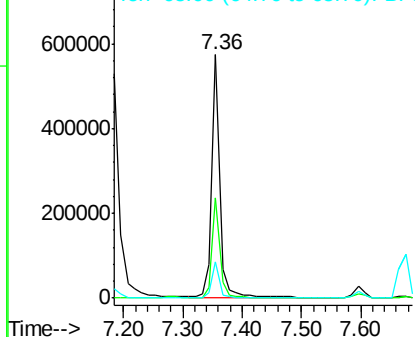


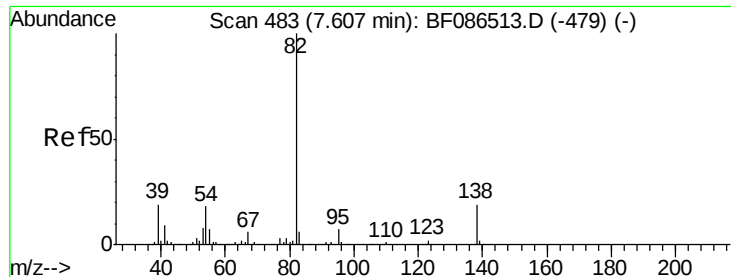
#24
 Nitrobenzene
 Concen: 42.47 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion: 77 Resp: 534941
 Ion Ratio Lower Upper
 77 100
 123 40.9 33.0 49.4
 65 14.9 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: 39.17 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

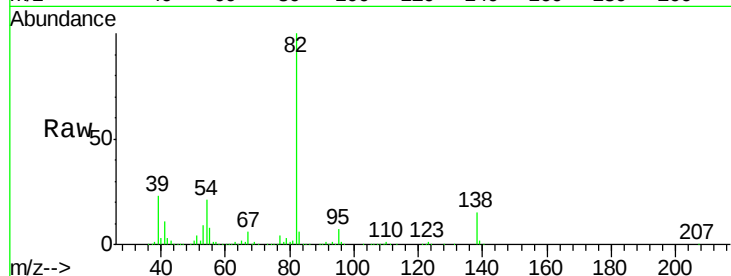
Tot Ion: 82 Resp: 923179

Ion Ratio Lower Upper

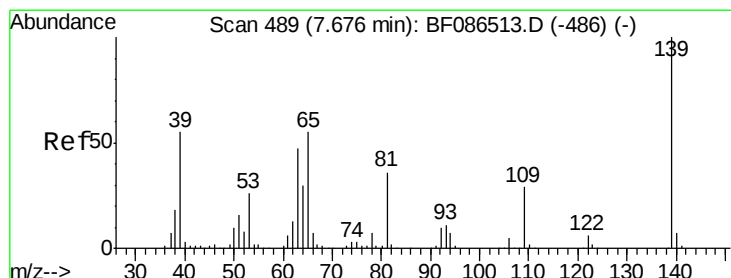
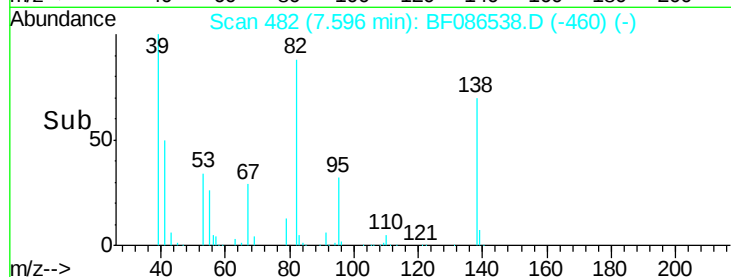
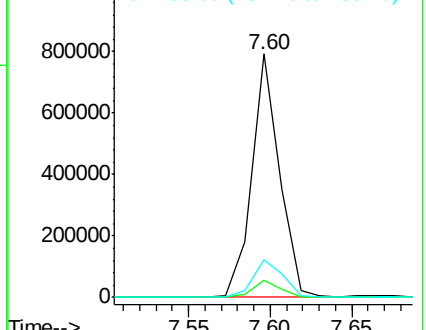
82 100

95 6.9 5.1 7.7

138 15.2 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: 43.92 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

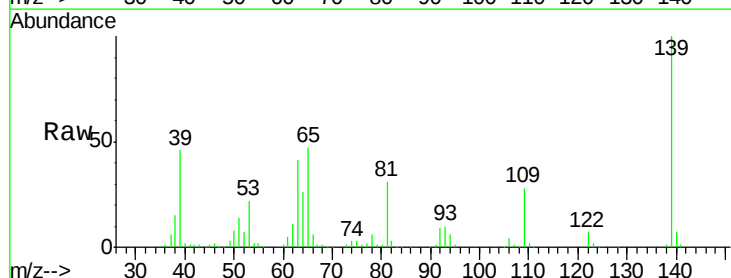
Tgt Ion: 139 Resp: 254731

Ion Ratio Lower Upper

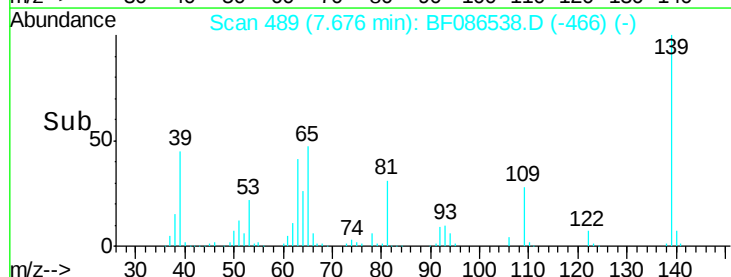
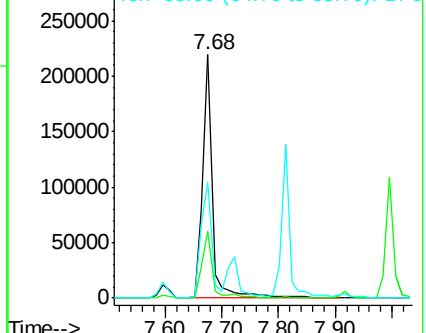
139 100

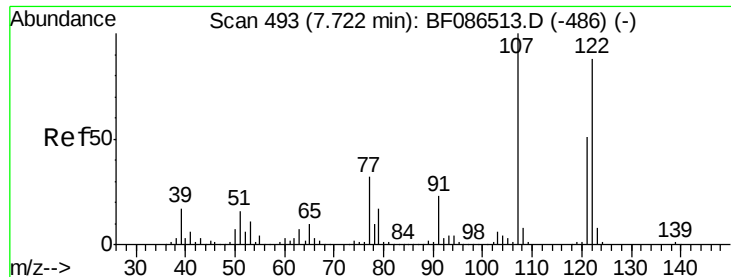
109 27.6 19.5 29.3

65 47.3 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: 42.12 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

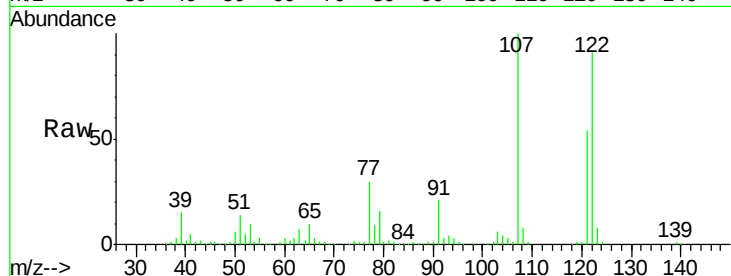
Tot Ion:122 Resp: 428614

Ion Ratio Lower Upper

122 100

107 110.0 82.0 123.0

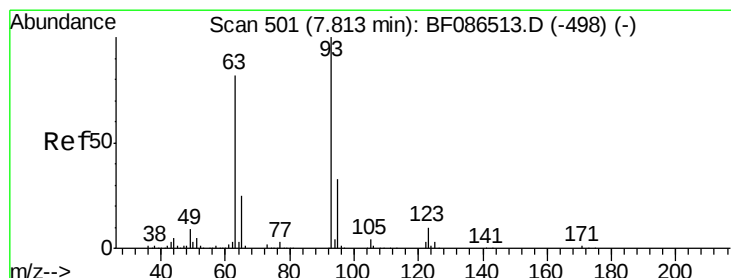
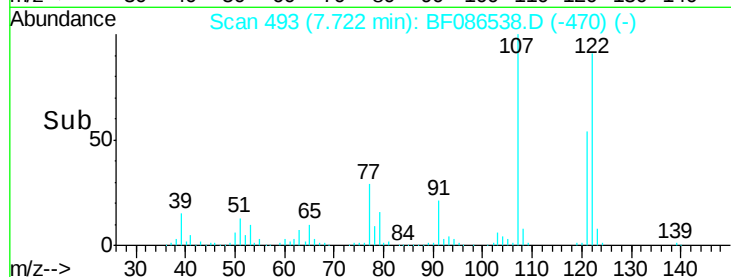
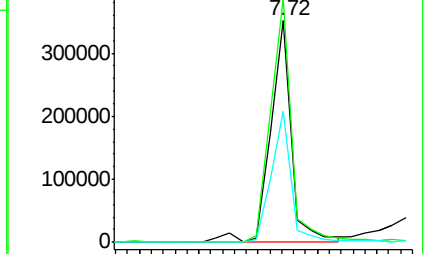
121 59.2 46.1 69.1



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: 42.91 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

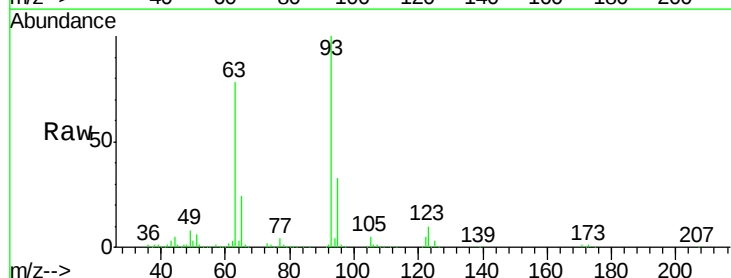
Tgt Ion: 93 Resp: 550884

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

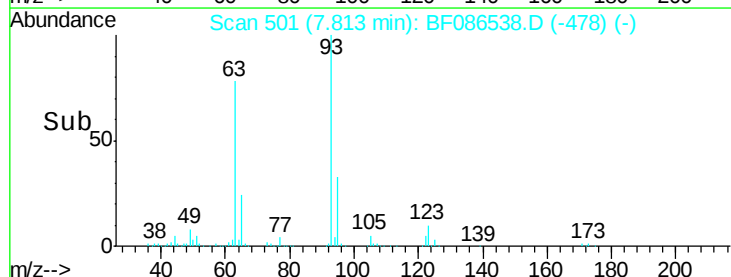
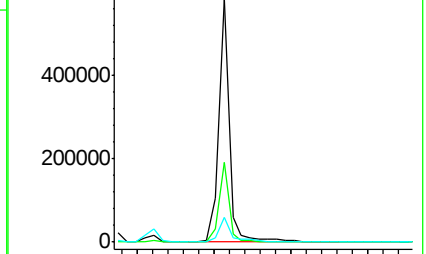
123 10.3 9.5 14.3

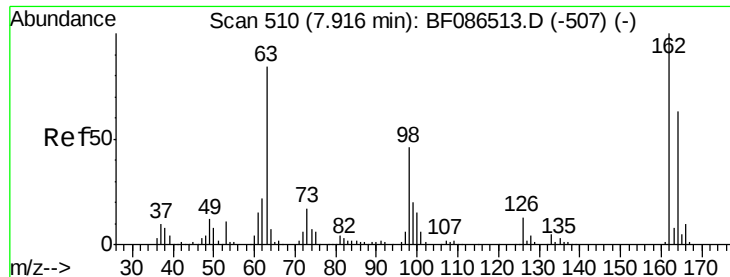


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

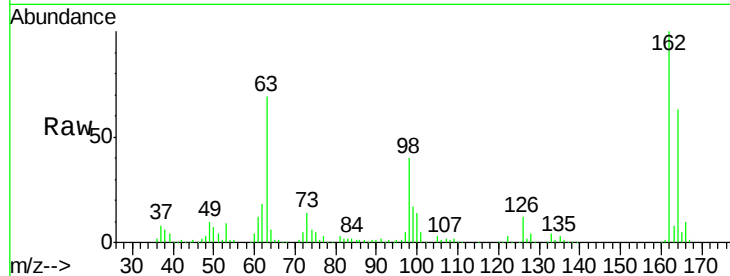




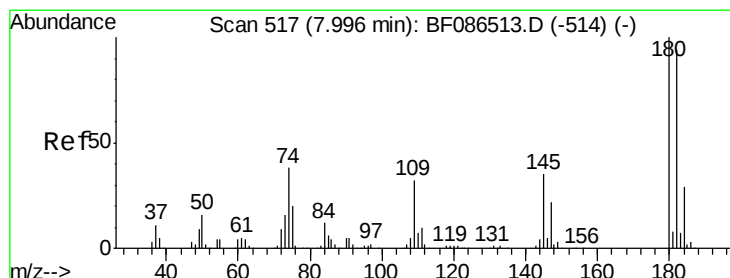
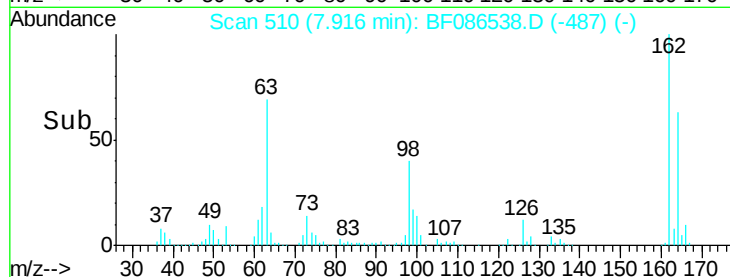
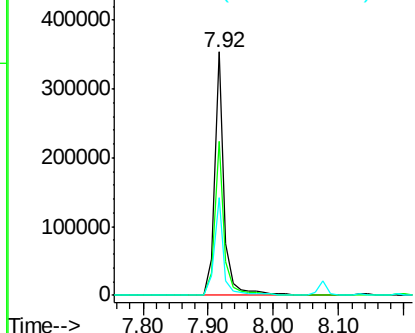
#29
2,4-Dichlorophenol
Concen: 43.12 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 370220
Ion Ratio Lower Upper
162 100
164 63.3 42.2 82.2
98 40.2 19.0 59.0

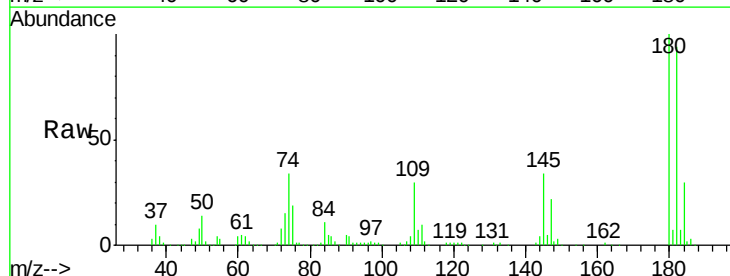


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

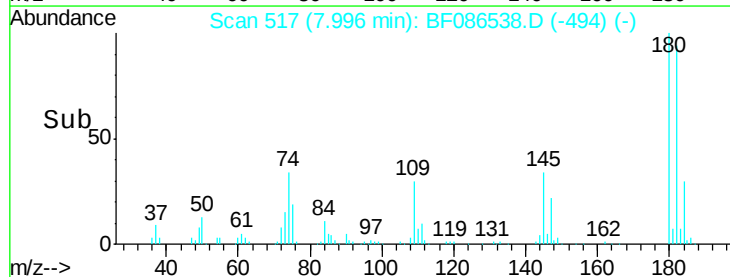
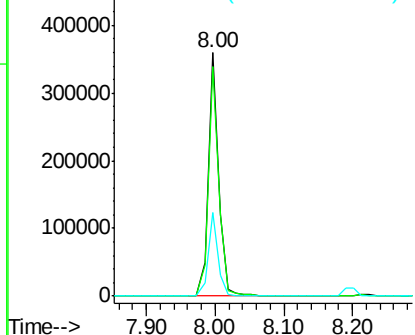


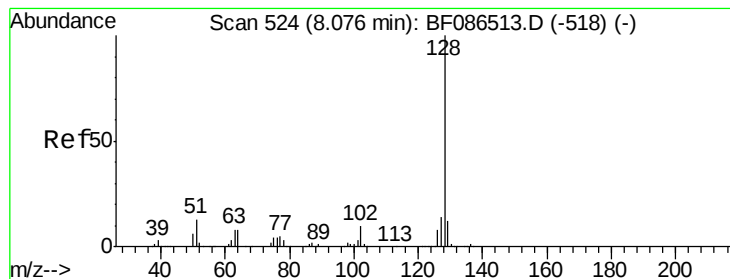
#30
1,2,4-Trichlorobenzene
Concen: 38.25 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:180 Resp: 381010
Ion Ratio Lower Upper
180 100
182 94.5 78.0 117.0
145 34.2 24.2 36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.60 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

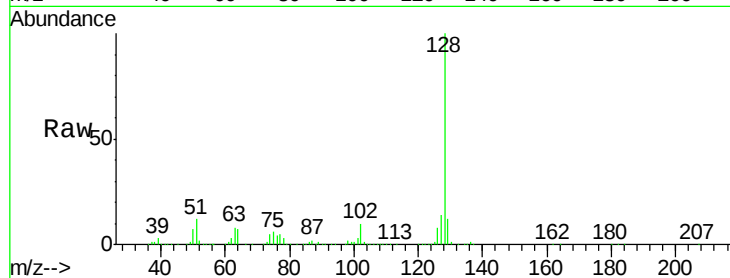
Tot Ion:128 Resp: 1229077

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

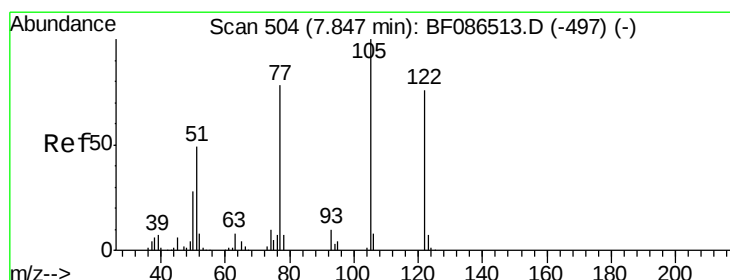
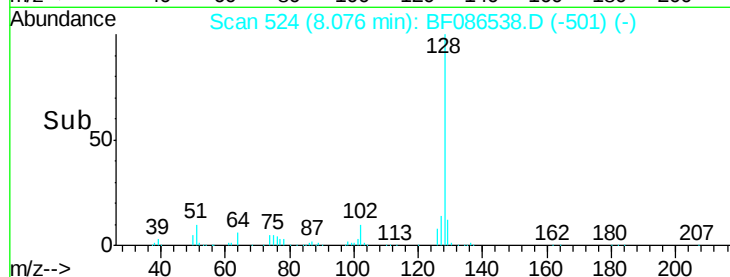
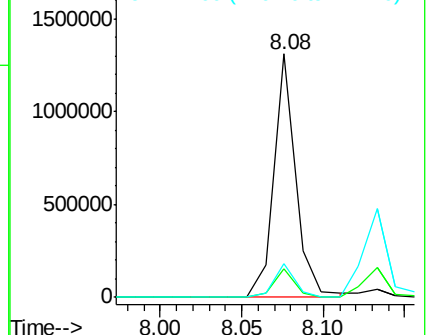
127 13.9 10.8 16.2



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: 37.85 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.04 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

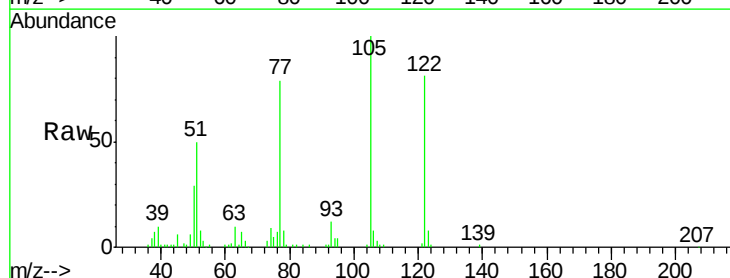
Tgt Ion:122 Resp: 219209

Ion Ratio Lower Upper

122 100

105 123.9 92.6 132.6

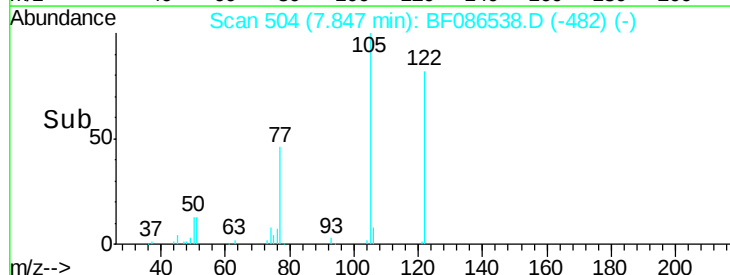
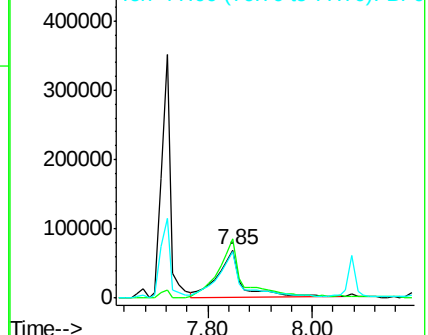
77 97.5 60.0 100.0

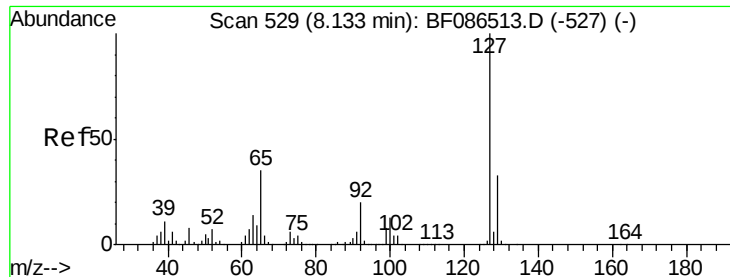


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

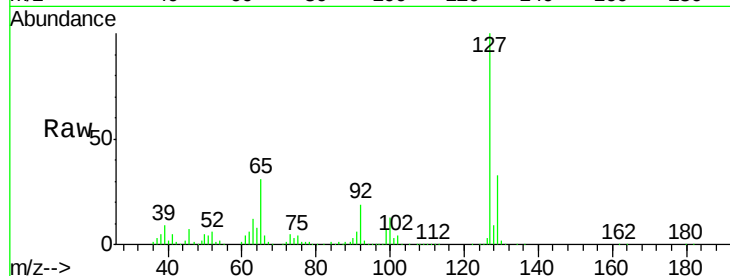




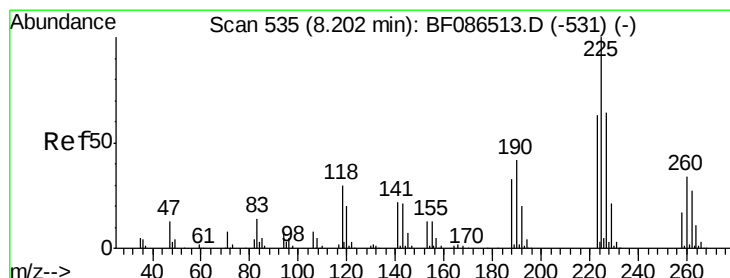
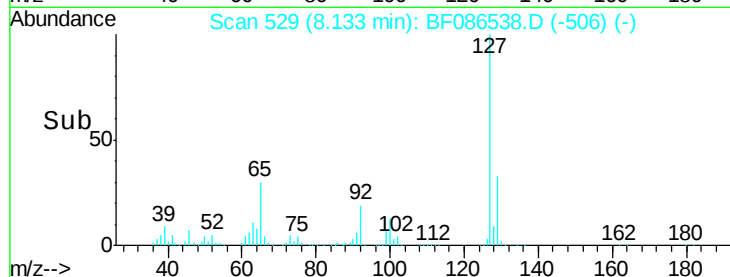
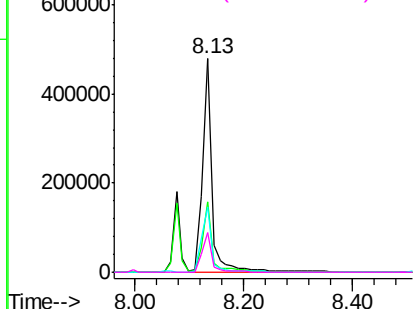
#33
4-Chloroaniline
Concen: 44.28 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	556856
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	30.8	23.0	34.4
92	18.9	15.1	22.7

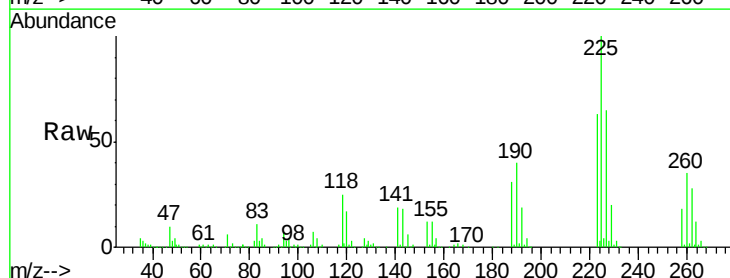


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

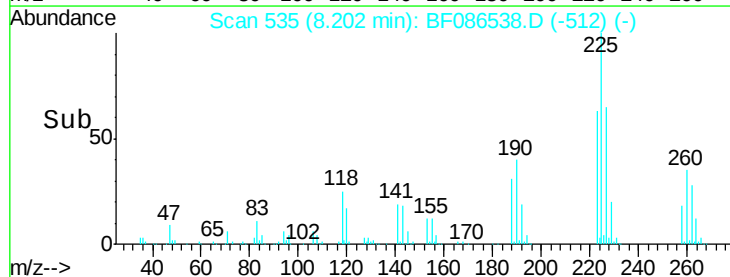
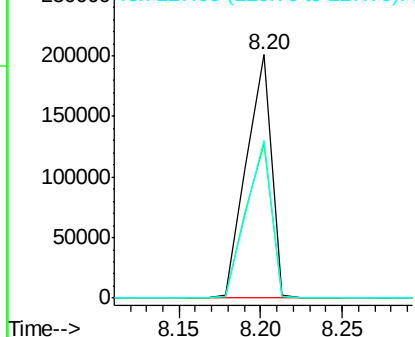


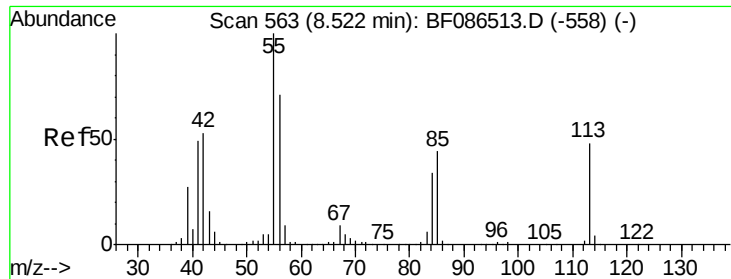
#34
Hexachlorobutadiene
Concen: 38.41 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:	225	Resp:	214481
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.5	77.3
227	64.8	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: 41.03 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

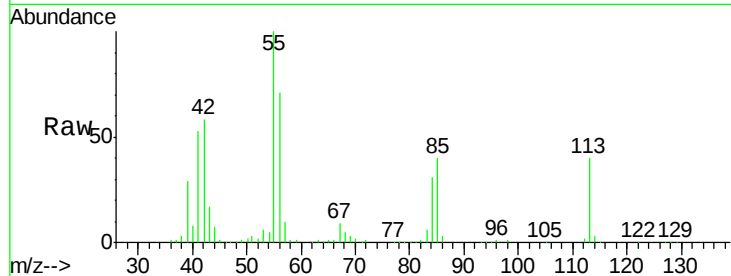
Tot Ion:113 Resp: 117520

Ion Ratio Lower Upper

113 100

55 247.3 162.0 202.0#

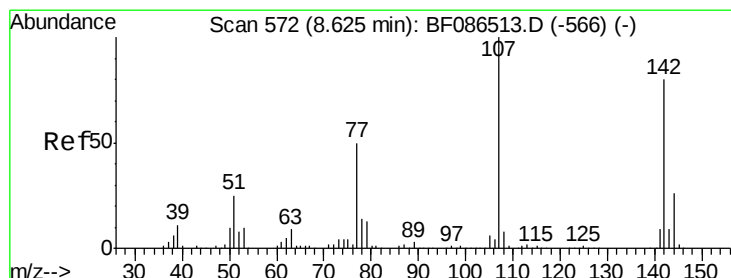
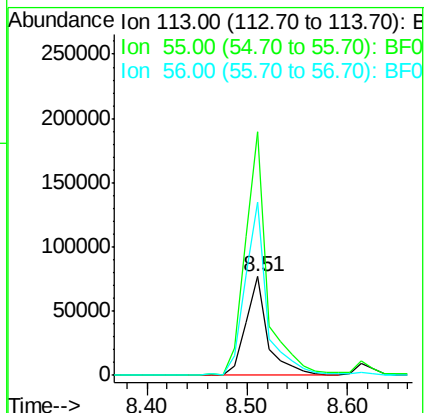
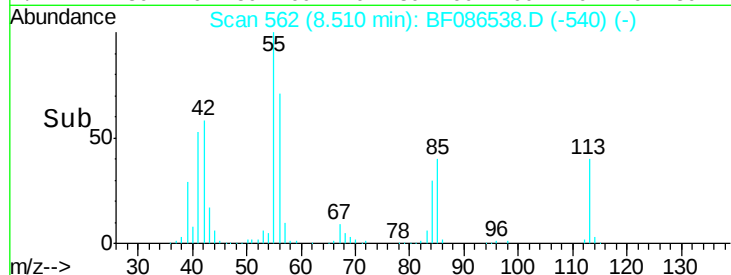
56 176.1 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.93 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

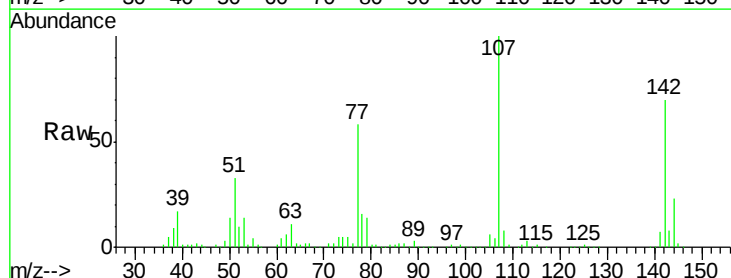
Tgt Ion:107 Resp: 402347

Ion Ratio Lower Upper

107 100

144 22.7 20.7 31.1

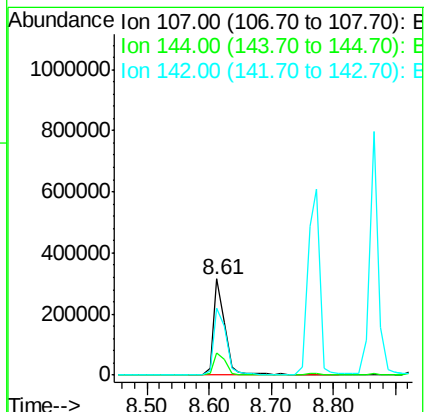
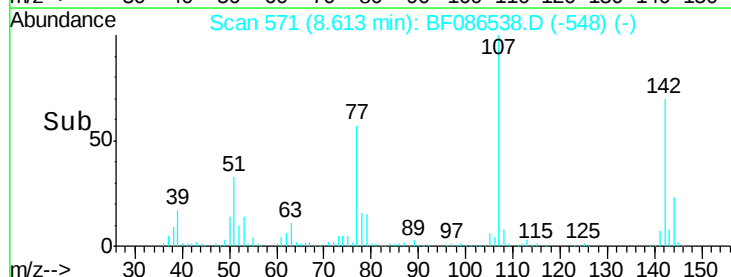
142 69.7 63.2 94.8

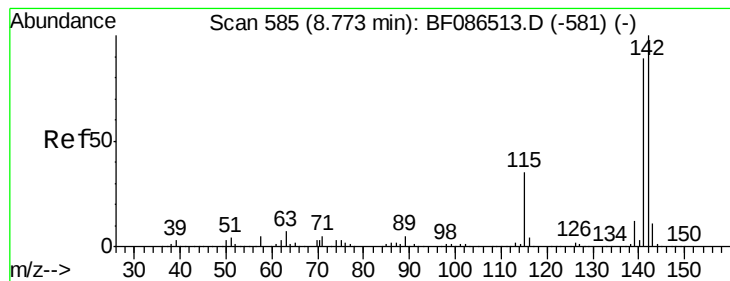


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

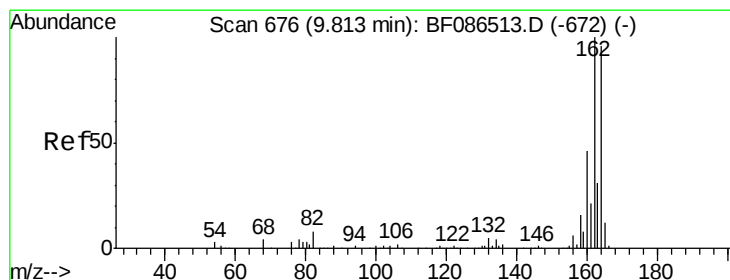
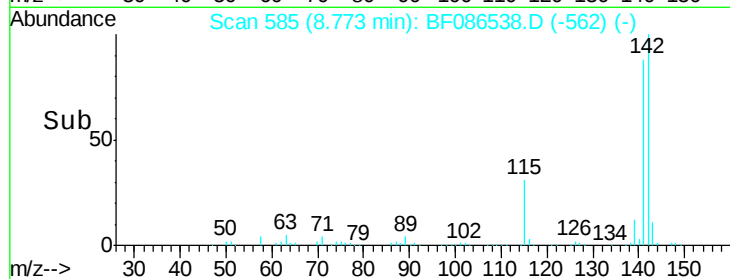
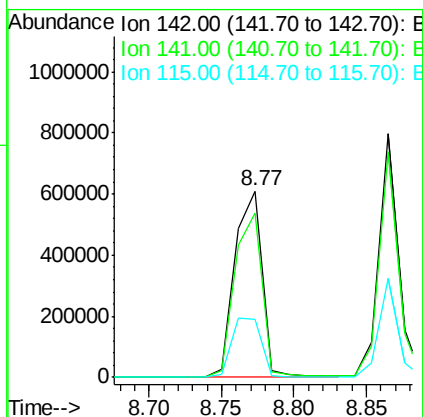
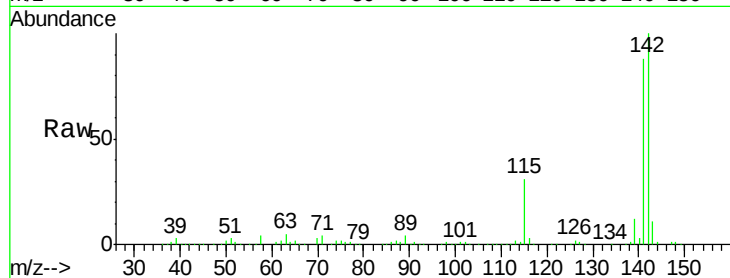




#37
2-Methylnaphthalene
Concen: 40.43 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

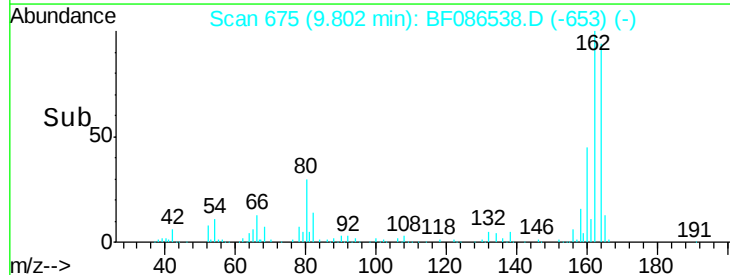
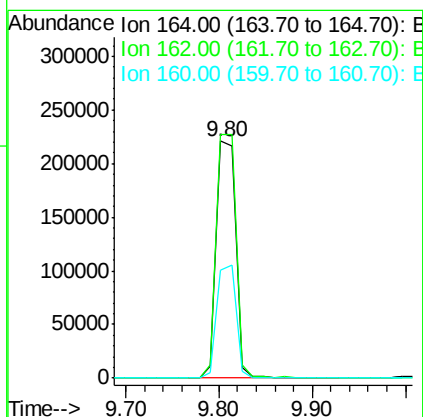
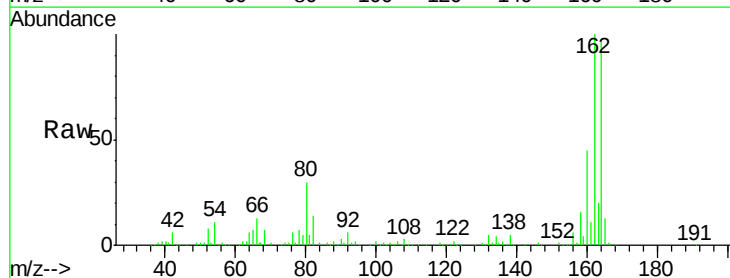
Instrument :
BNA_F
ClientSampleId :

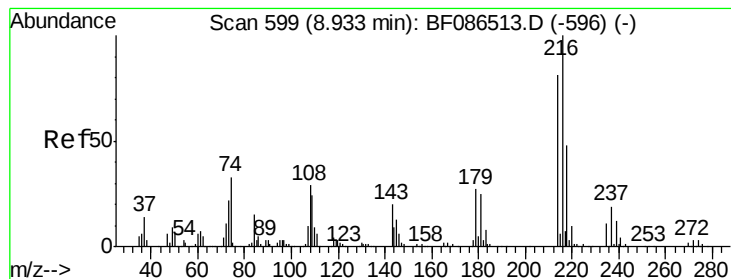
Tot Ion:142 Resp: 801303
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 31.4 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:164 Resp: 318488
Ion Ratio Lower Upper
164 100
162 102.8 82.8 124.2
160 45.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.21 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 348304

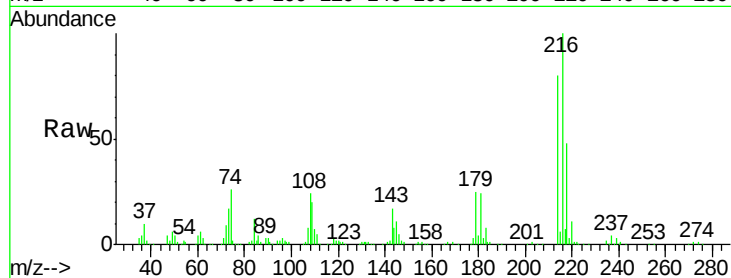
Ion Ratio Lower Upper

216 100

214 79.1 62.6 93.8

179 23.8 18.2 27.4

108 24.0 17.5 26.3

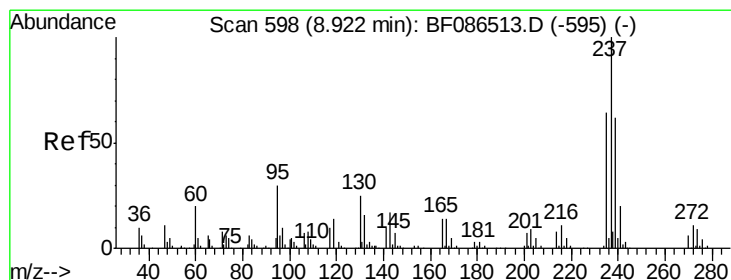
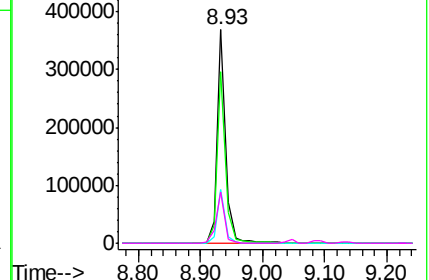
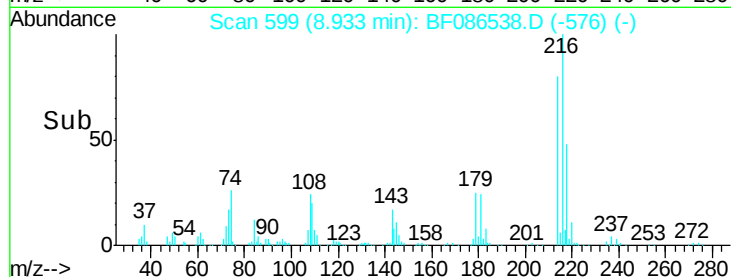


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.80 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

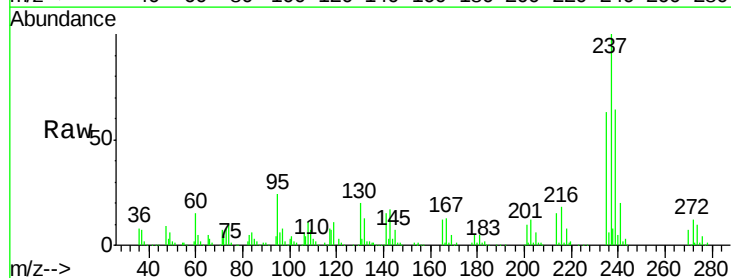
Tgt Ion:237 Resp: 166699

Ion Ratio Lower Upper

237 100

235 63.4 47.2 87.2

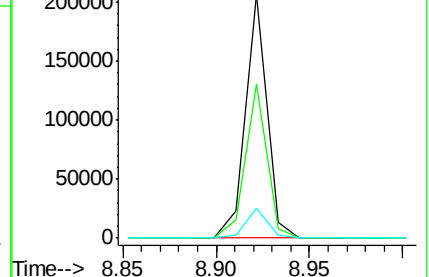
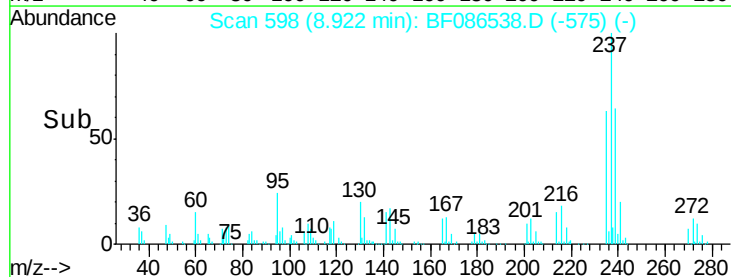
272 12.4 0.0 31.1

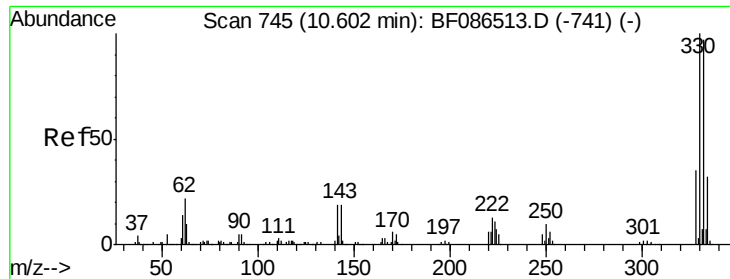


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

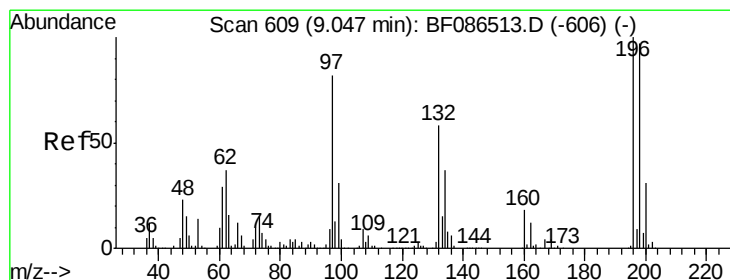
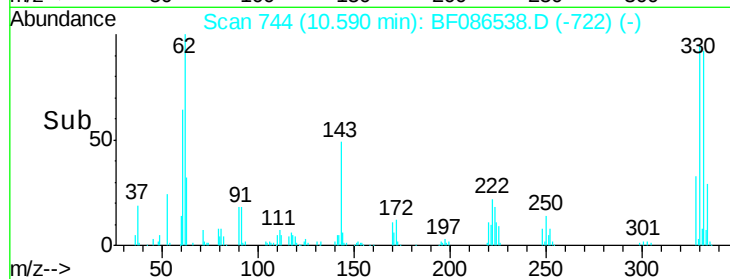
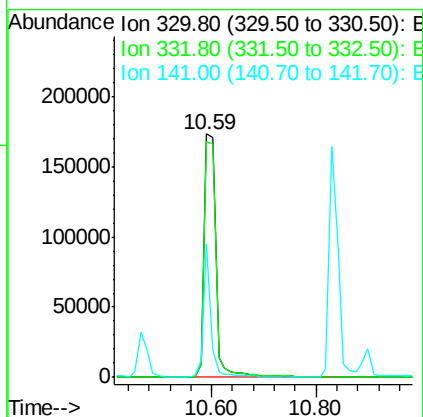
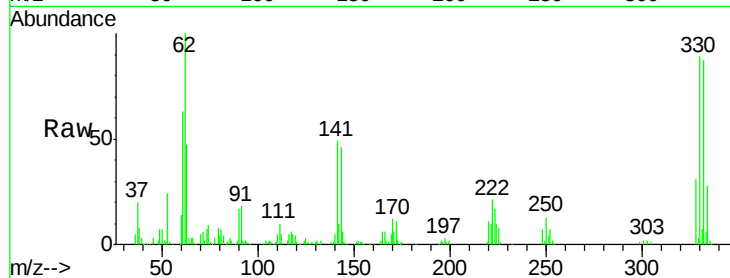




#41
 2,4,6-Tribromophenol
 Concen: 81.47 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

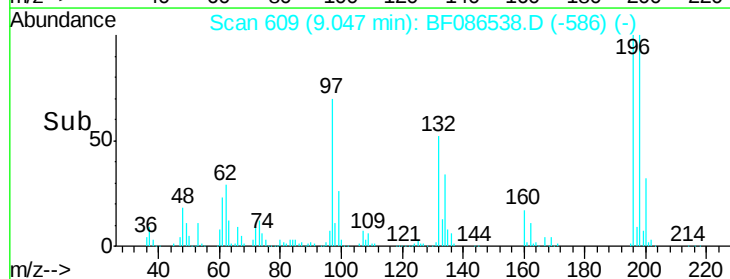
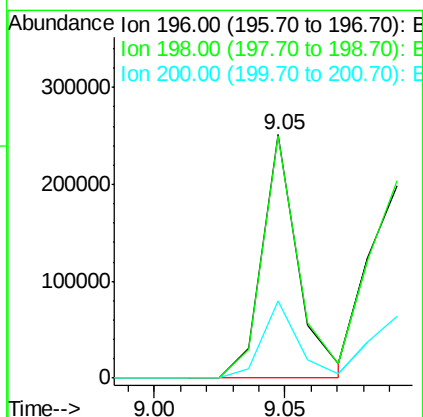
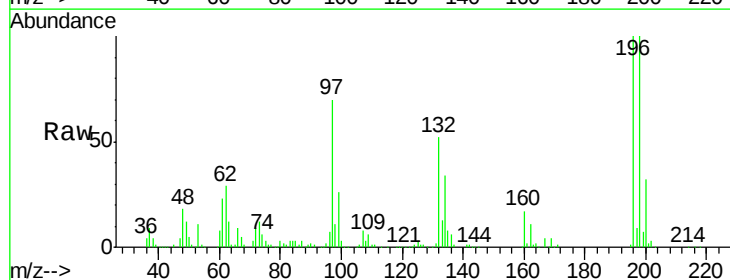
Instrument :
 BNA_F
 ClientSampleId :

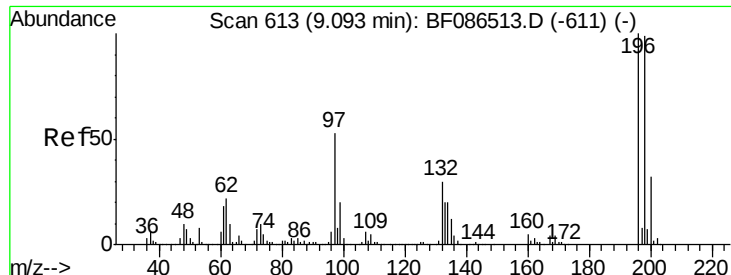
Tot Ion:330 Resp: 273644
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 34.8 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 41.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion:196 Resp: 240999
 Ion Ratio Lower Upper
 196 100
 198 99.5 74.7 112.1
 200 31.6 23.8 35.6

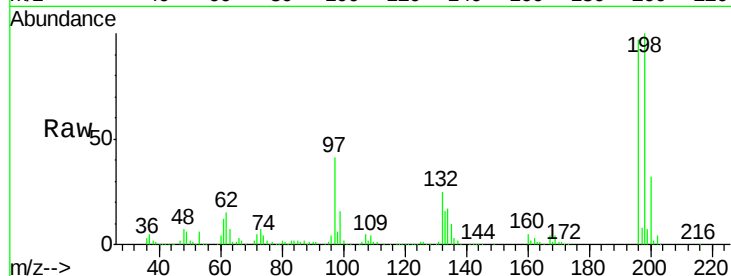




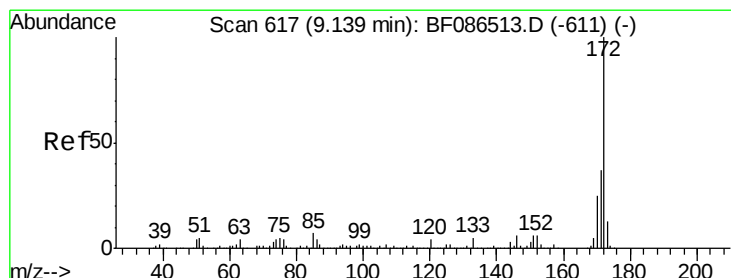
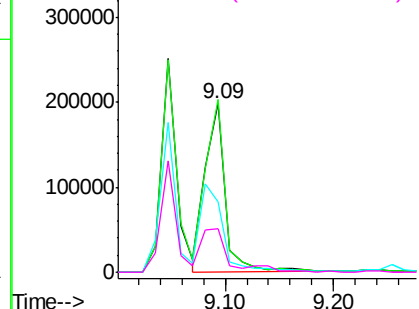
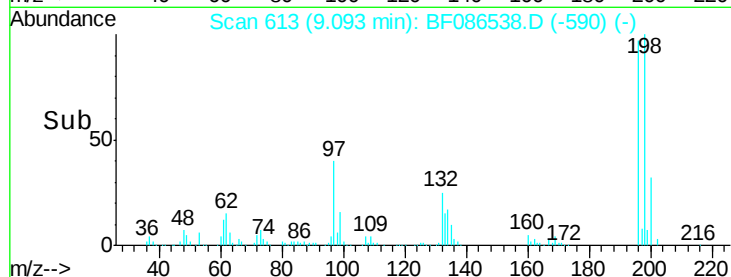
#43
 2,4,5-Trichlorophenol
 Concen: 40.82 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 256392
 Ion Ratio Lower Upper
 196 100
 198 103.0 77.5 116.3
 97 41.8 34.8 52.2
 132 25.7 23.0 34.4

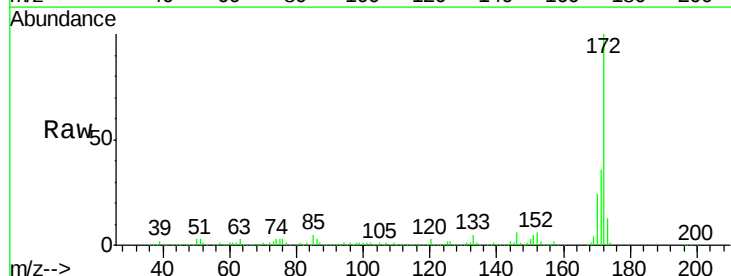


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

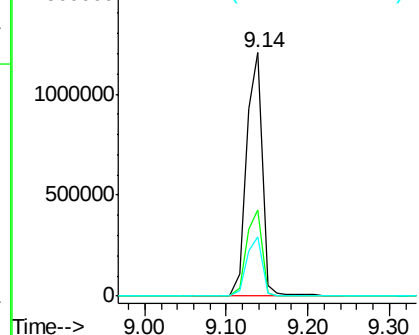
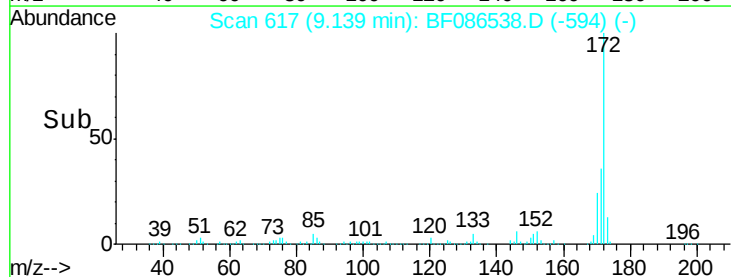


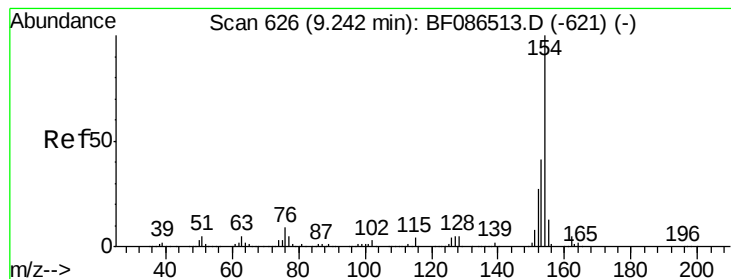
#44
 2-Fluorobiphenyl
 Concen: 89.17 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion:172 Resp: 1605854
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.4 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: 36.76 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

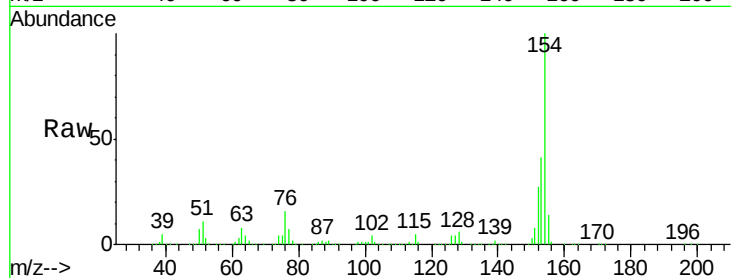
Tot Ion:154 Resp: 978537

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

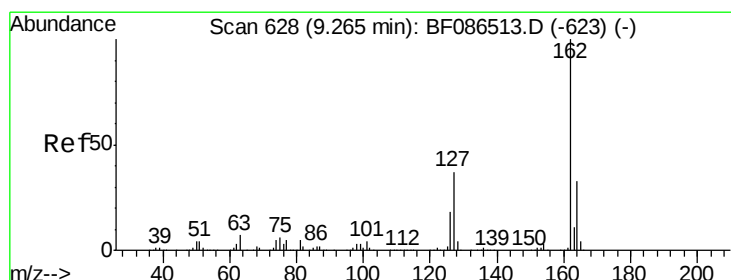
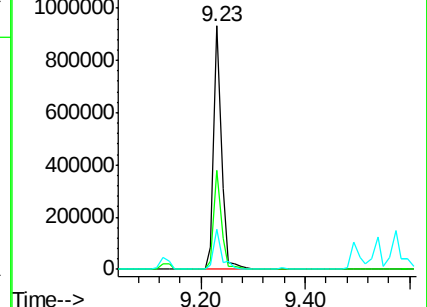
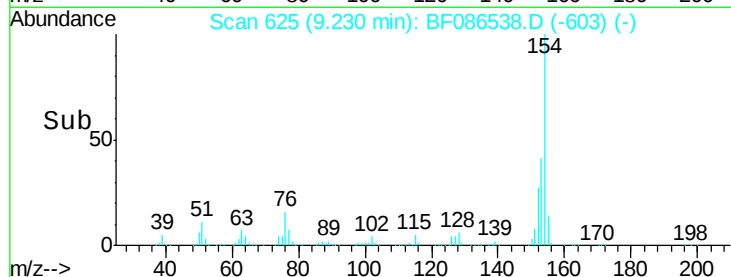
76 16.2 0.0 30.2



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: 37.77 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

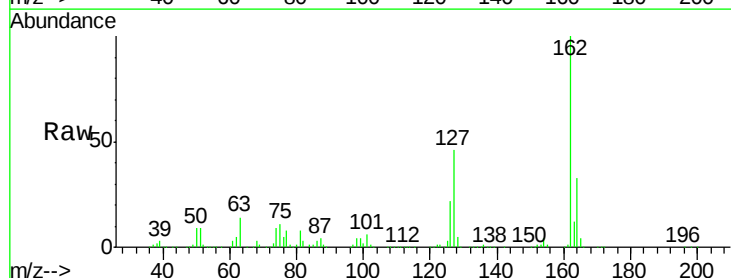
Tgt Ion:162 Resp: 764562

Ion Ratio Lower Upper

162 100

127 45.9 31.8 47.6

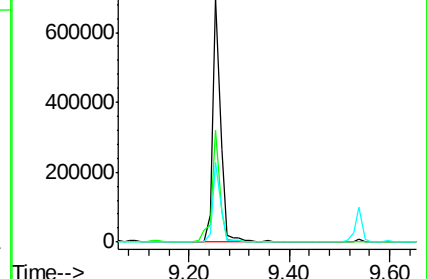
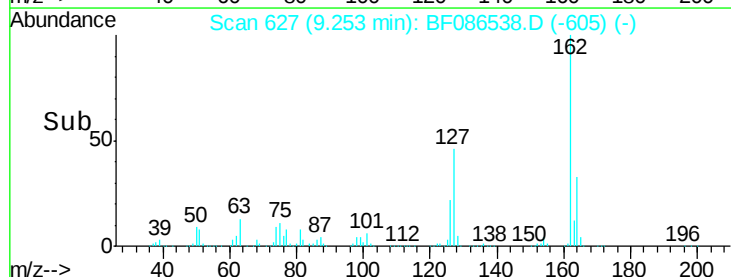
164 33.0 27.0 40.6

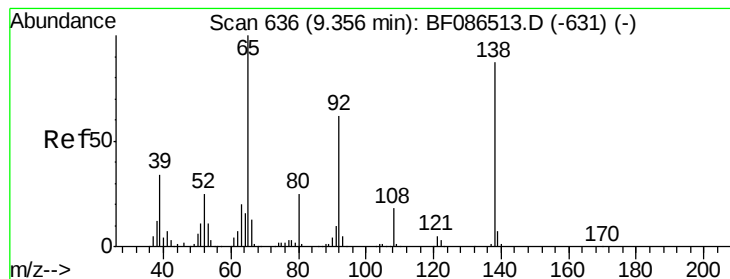


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.00 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

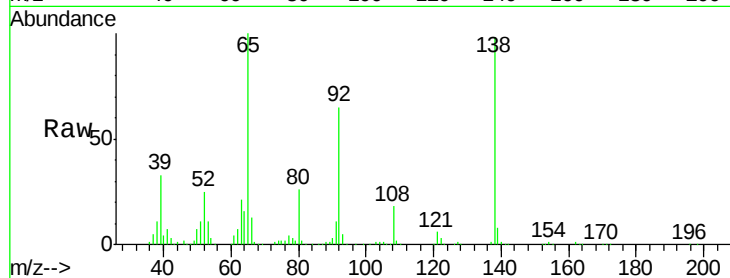
Tot Ion: 65 Resp: 311539

Ion Ratio Lower Upper

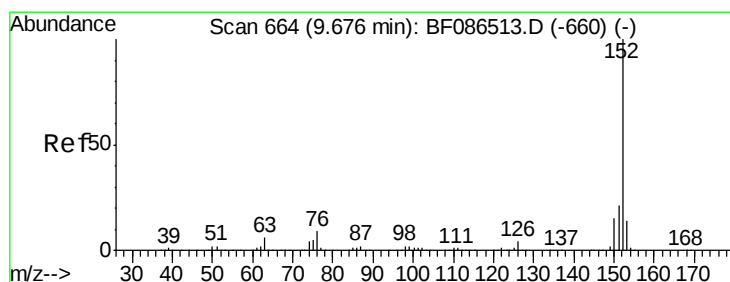
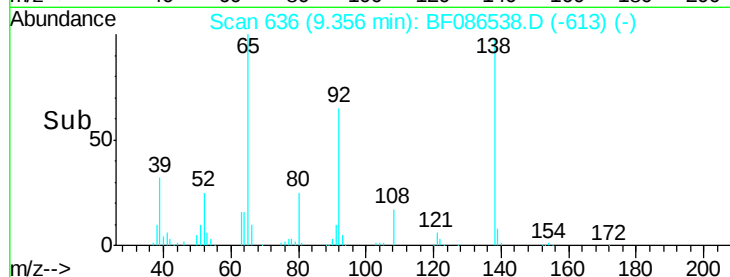
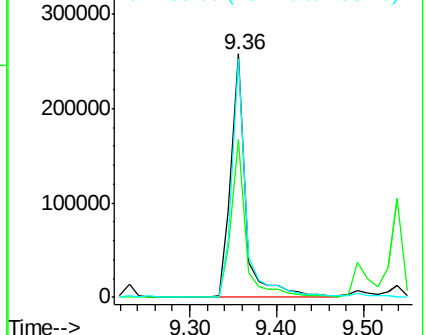
65 100

92 64.9 57.4 86.2

138 98.1 90.1 135.1



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



#48

Acenaphthylene

Concen: 38.39 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

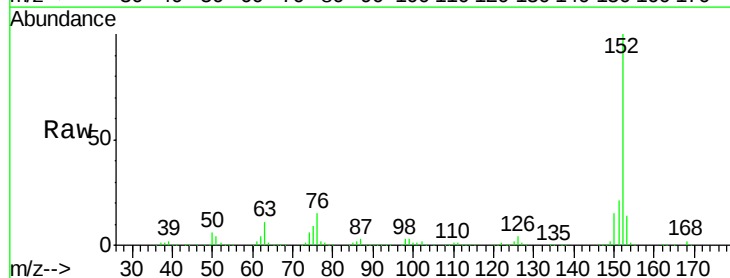
Tgt Ion:152 Resp: 1214731

Ion Ratio Lower Upper

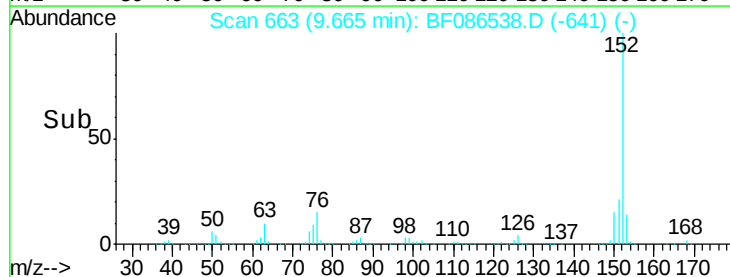
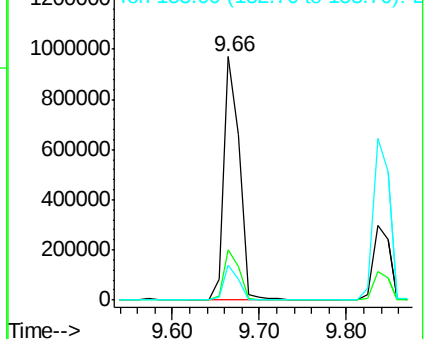
152 100

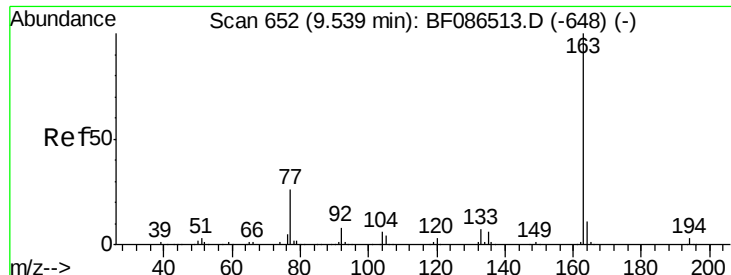
151 20.6 16.8 25.2

153 14.5 10.9 16.3



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

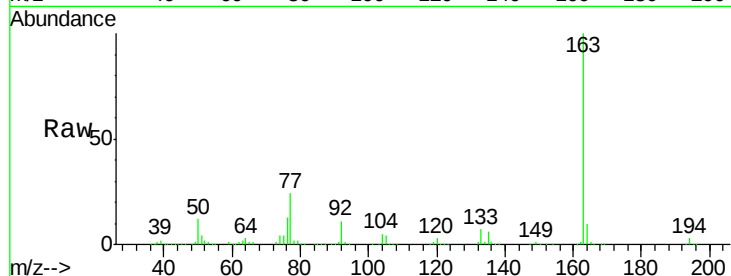




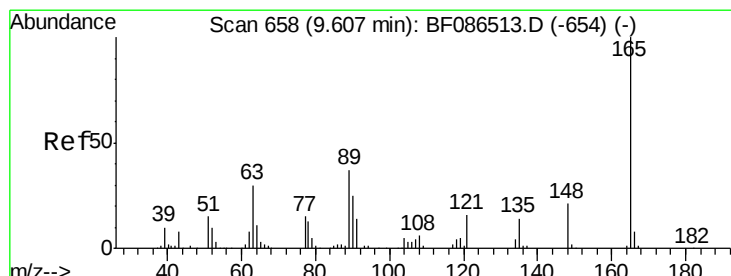
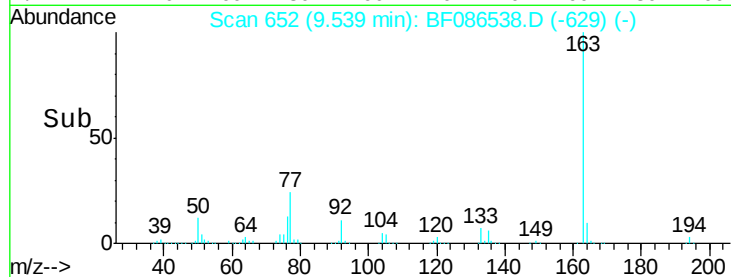
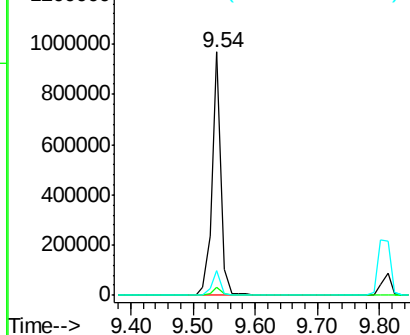
#49
Dimethylphthalate
Concen: 39.19 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 939587
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

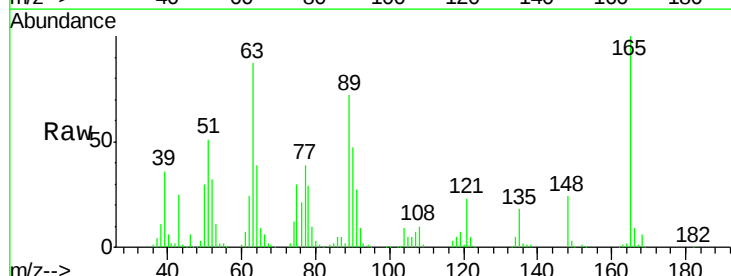


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

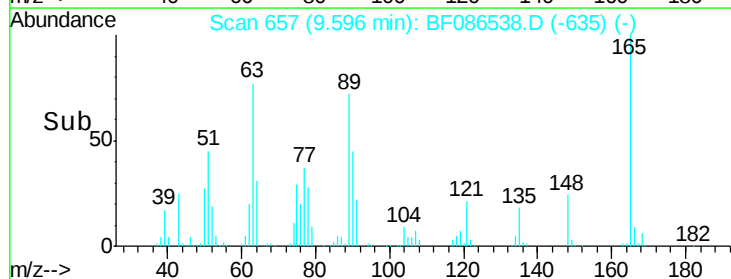
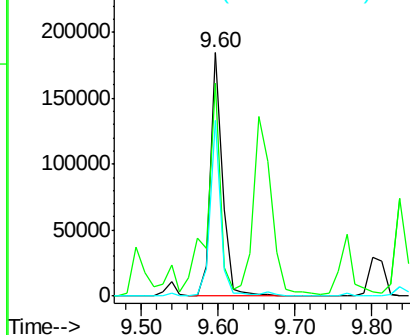


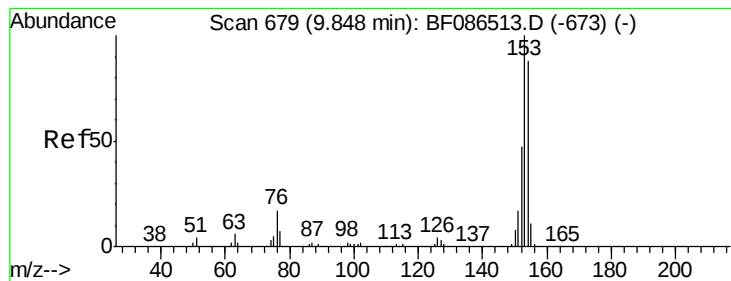
#50
2,6-Dinitrotoluene
Concen: 39.97 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:165 Resp: 197995
Ion Ratio Lower Upper
165 100
63 87.4 51.8 77.8#
89 72.0 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: 39.97 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

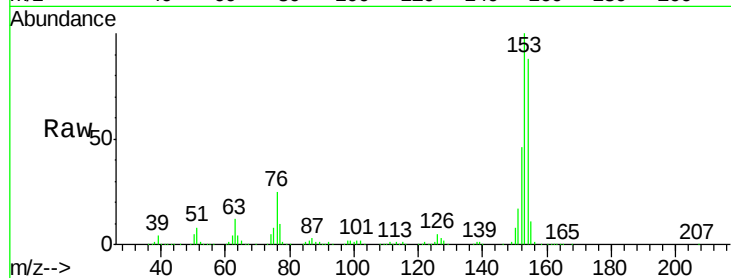
Tot Ion:154 Resp: 812206

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

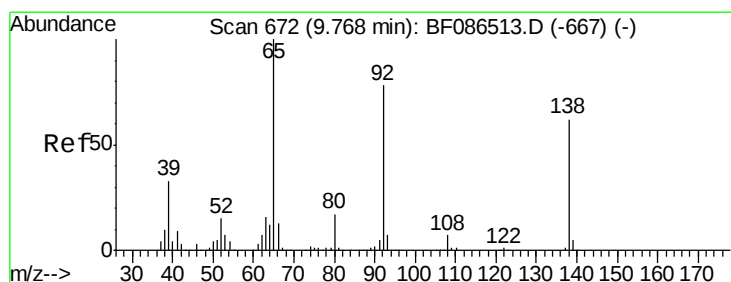
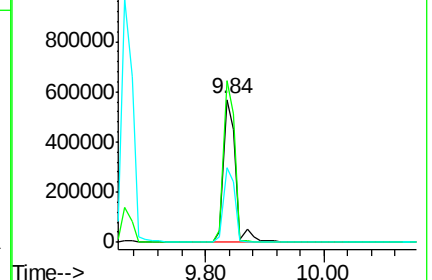
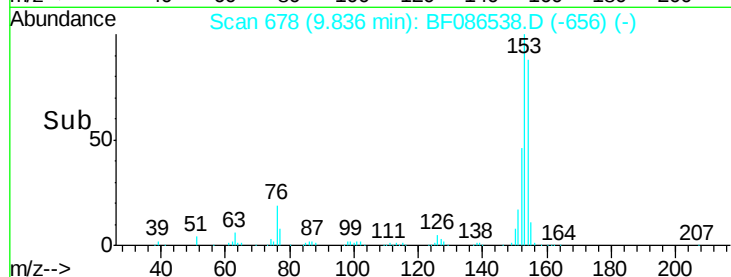
152 52.3 43.4 65.0



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: 46.43 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

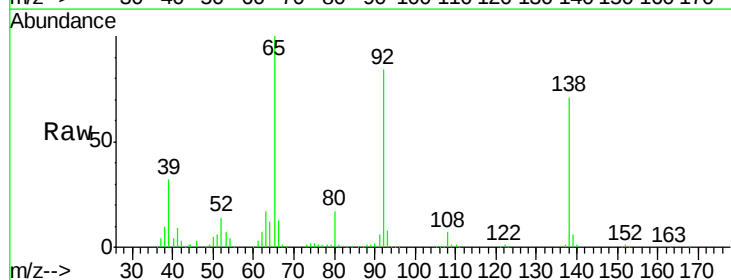
Tgt Ion:138 Resp: 261558

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.6

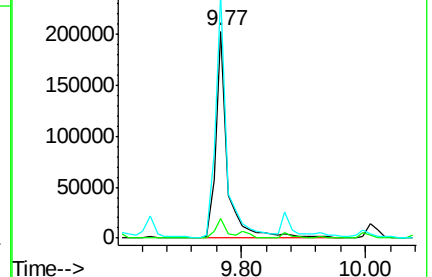
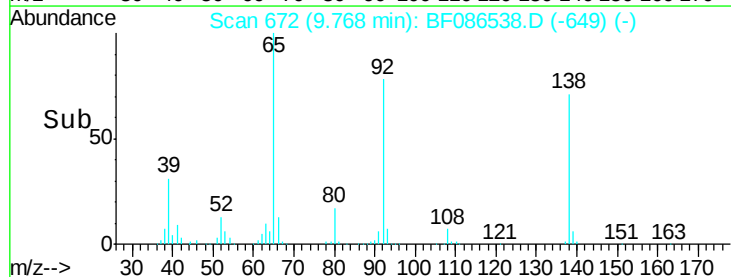
92 117.6 87.8 131.8

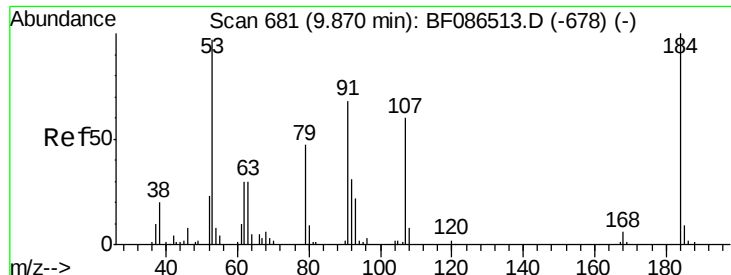


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

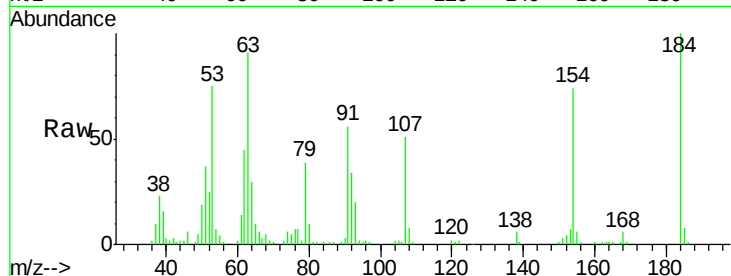




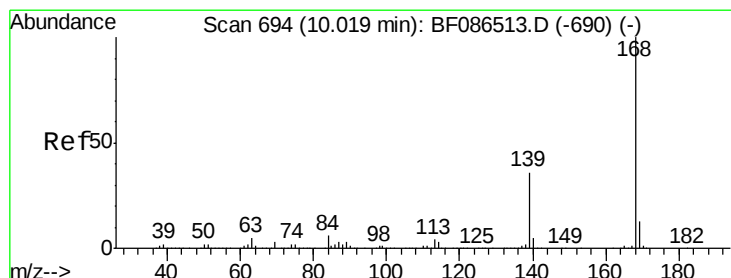
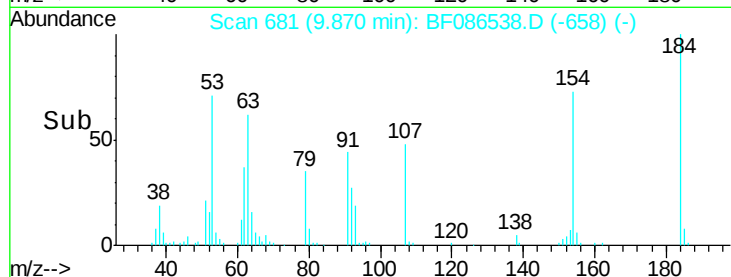
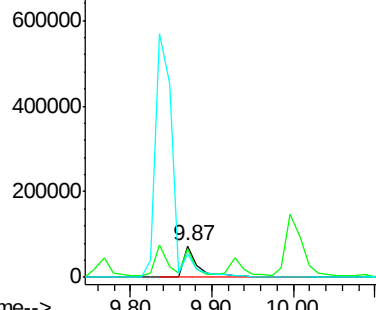
#53
2,4-Dinitrophenol
Concen: 40.06 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 96770
Ion Ratio Lower Upper
184 100
63 91.3 55.8 83.8#
154 73.7 62.4 93.6

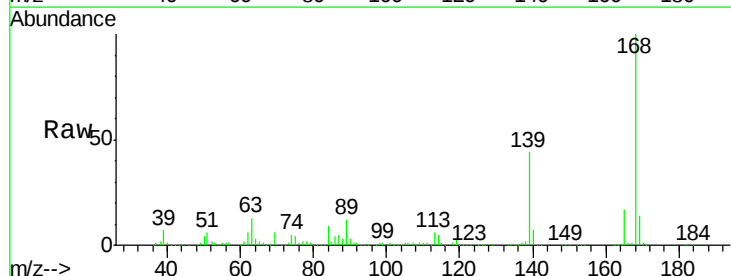


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

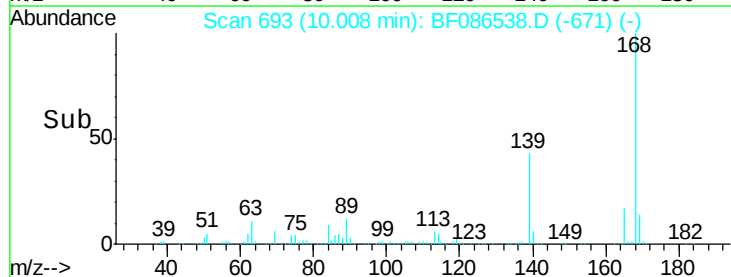
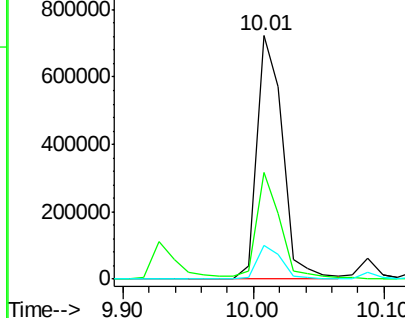


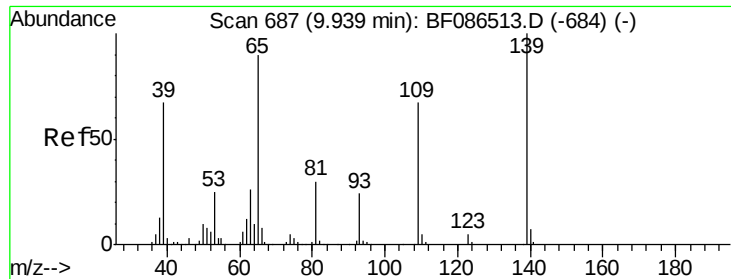
#54
Dibenzofuran
Concen: 38.88 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:168 Resp: 987385
Ion Ratio Lower Upper
168 100
139 44.0 31.4 47.0
169 13.9 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: 41.21 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

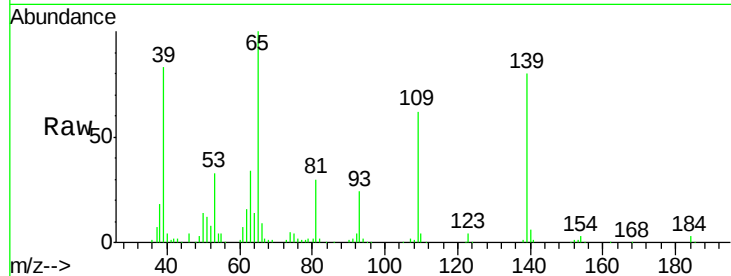
Tot Ion:139 Resp: 151994

Ion Ratio Lower Upper

139 100

109 77.2 36.9 76.9#

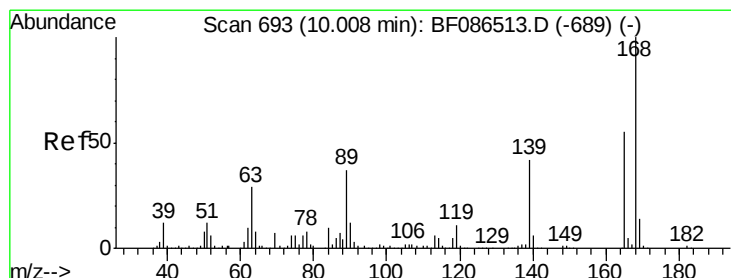
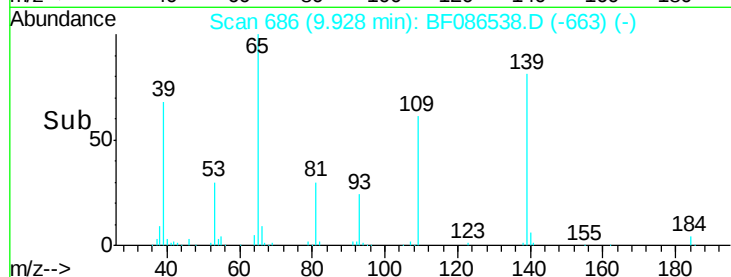
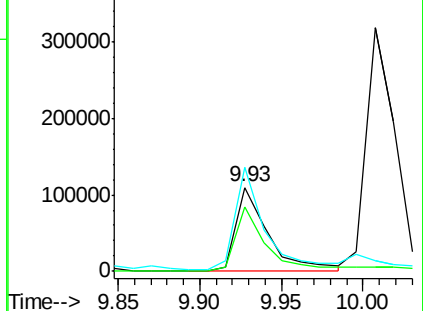
65 124.6 64.0 104.0#



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: 41.09 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:165 Resp: 259488

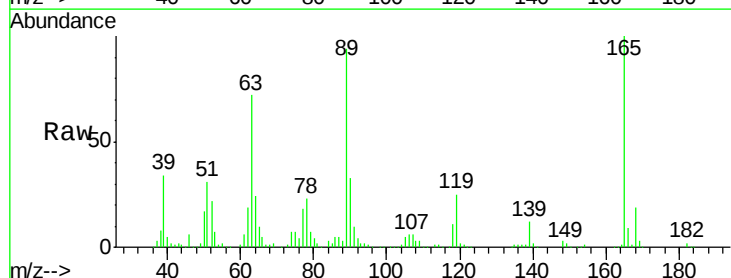
Ion Ratio Lower Upper

165 100

63 72.0 44.3 66.5#

89 94.2 70.0 105.0

182 2.3 1.8 2.6

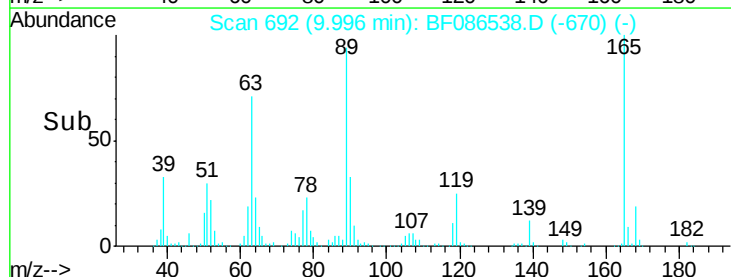
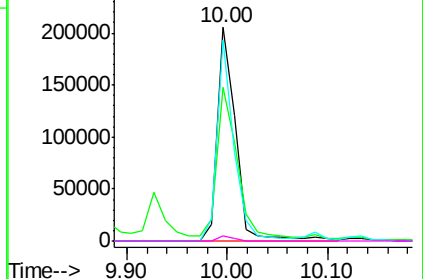


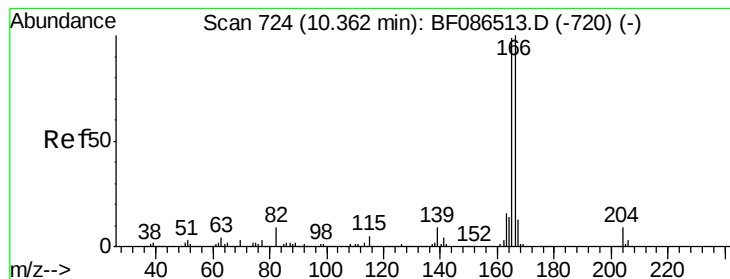
Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.78 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

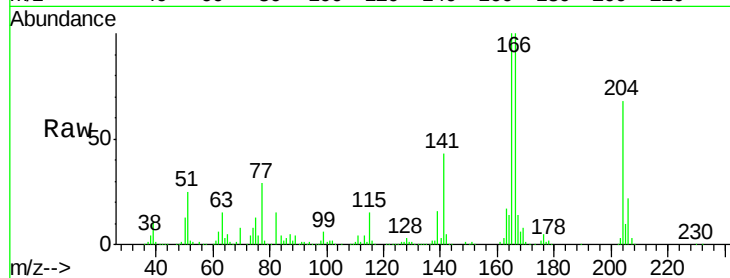
Tot Ion:166 Resp: 766891

Ion Ratio Lower Upper

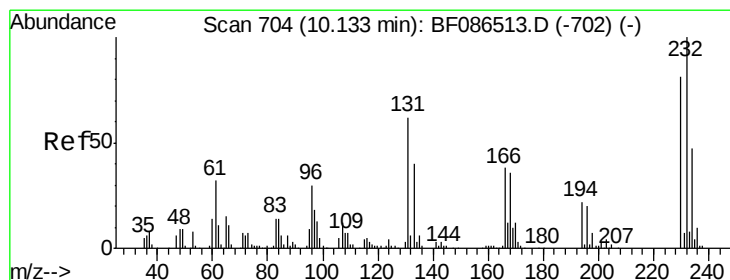
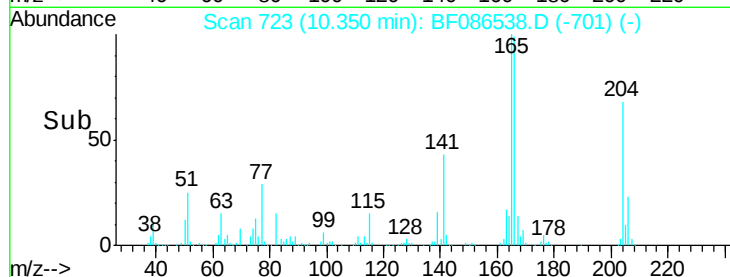
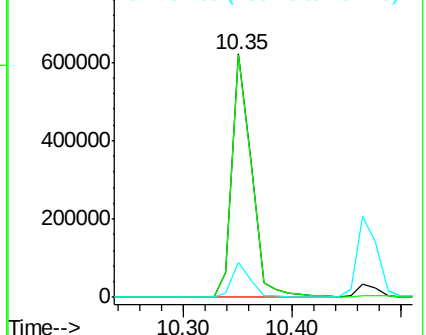
166 100

165 99.6 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: 42.44 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Tgt Ion:232 Resp: 208393

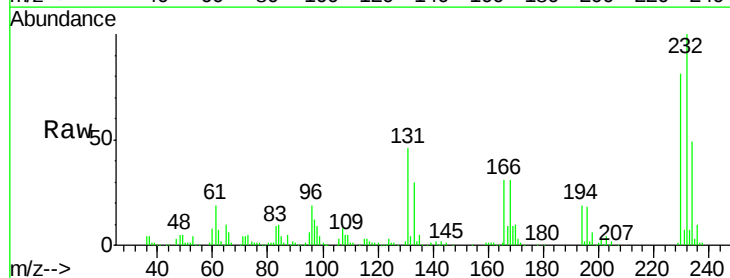
Ion Ratio Lower Upper

232 100

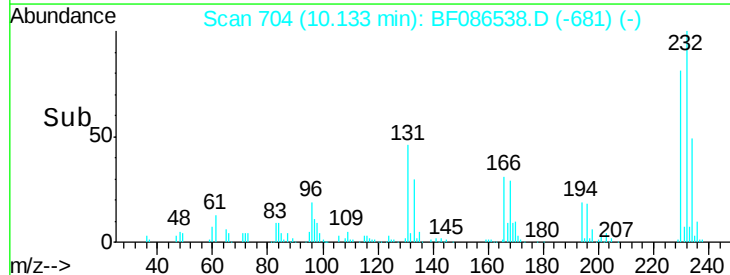
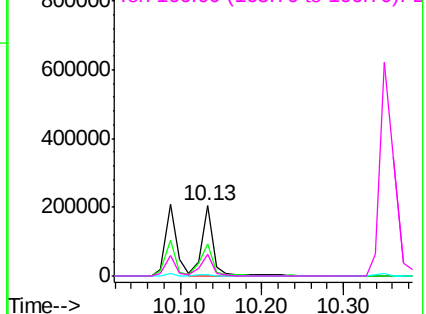
131 50.6 41.9 62.9

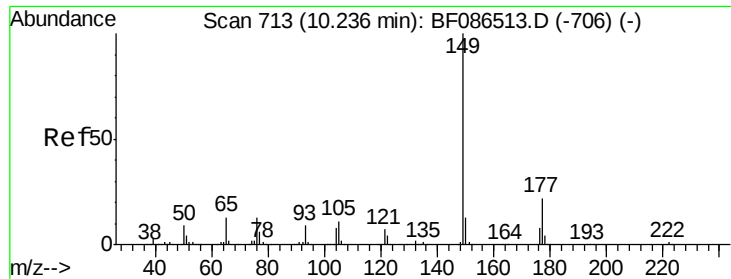
130 2.5 2.2 3.4

166 31.0 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

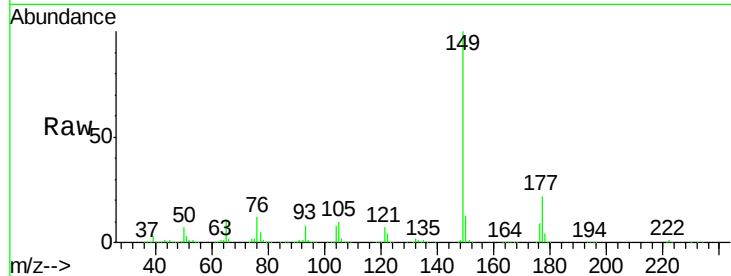




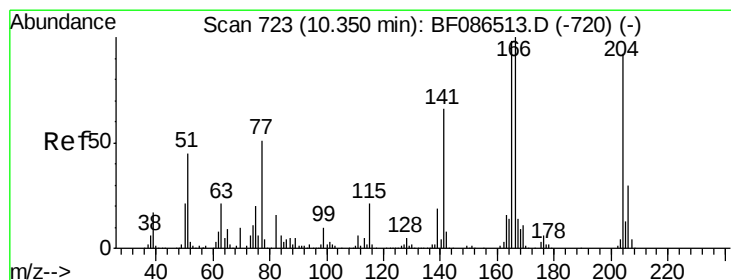
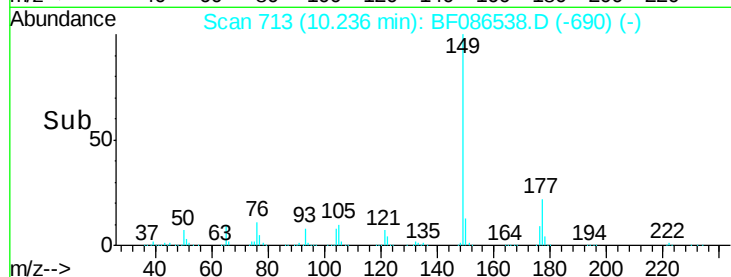
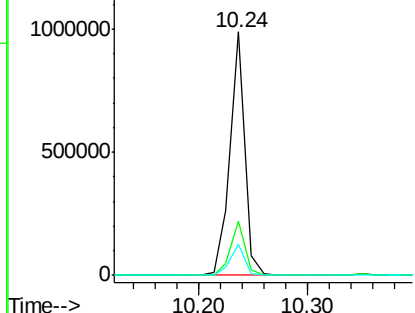
#59
Diethylphthalate
Concen: 41.07 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 932221
Ion Ratio Lower Upper
149 100
177 22.4 16.6 24.8
150 12.9 10.0 15.0

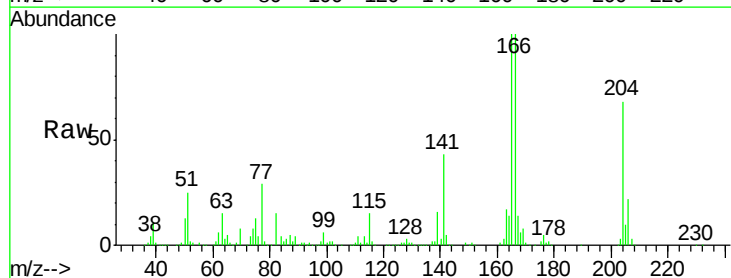


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

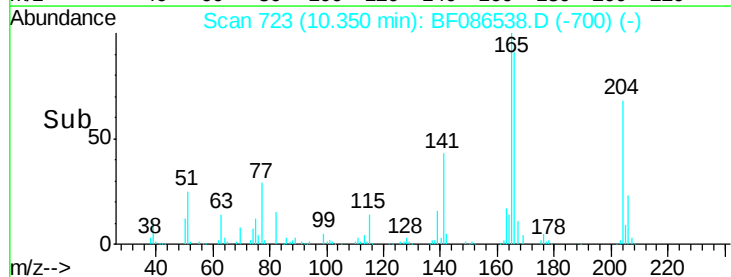
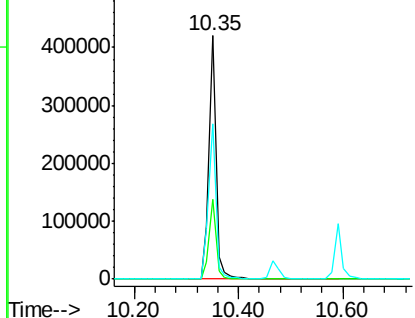


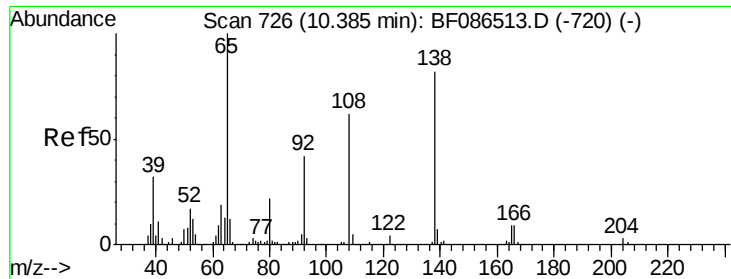
#60
4-Chlorophenyl-phenylether
Concen: 39.95 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:204 Resp: 399973
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 63.7 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

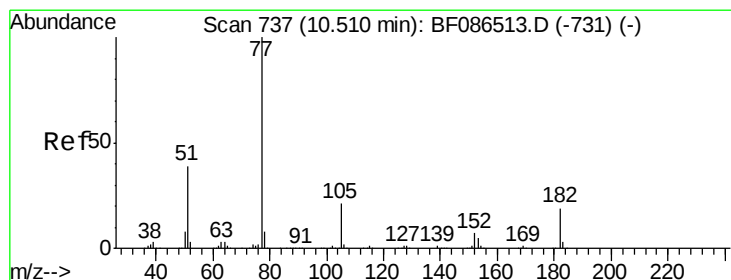
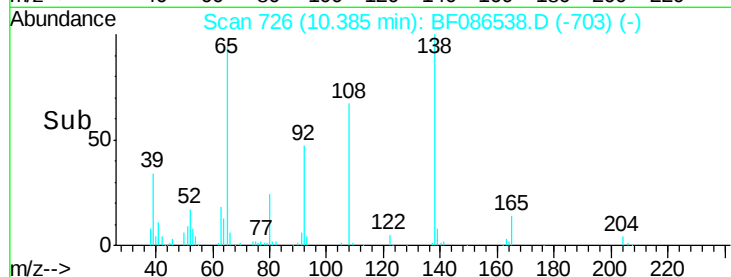
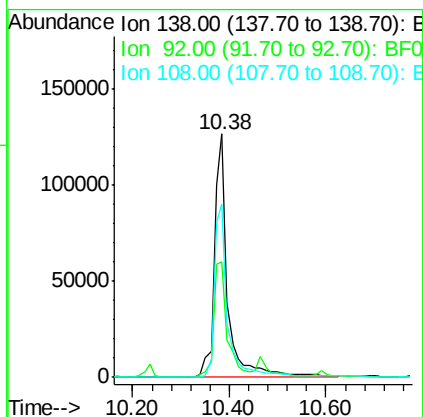
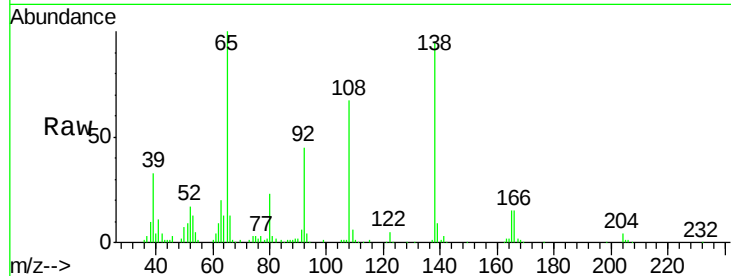




#61
4-Nitroaniline
Concen: 45.36 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

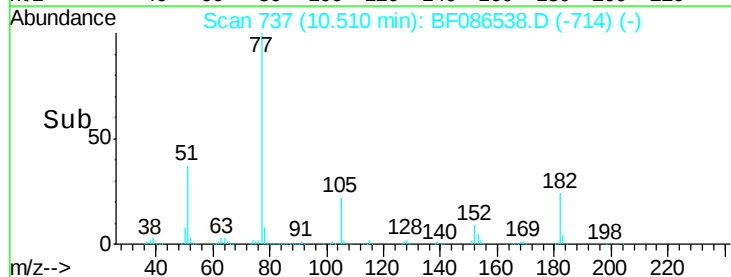
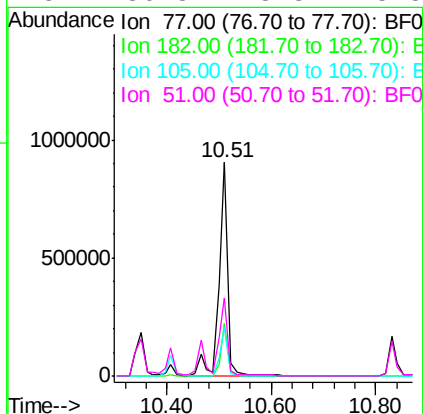
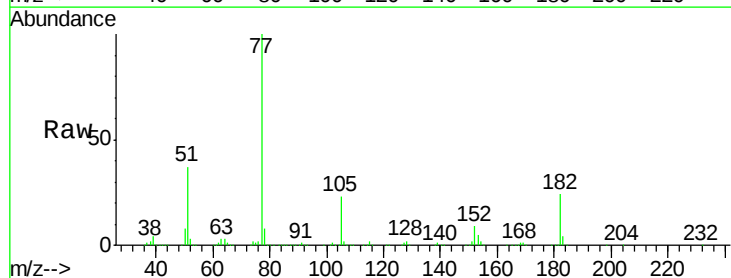
Instrument :
BNA_F
ClientSampled :

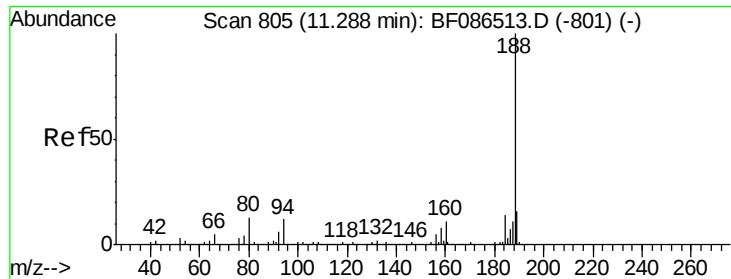
Tot Ion:138 Resp: 249790
Ion Ratio Lower Upper
138 100
92 47.6 24.7 64.7
108 70.9 37.4 77.4



#62
Azobenzene
Concen: 42.54 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion: 77 Resp: 1057676
Ion Ratio Lower Upper
77 100
182 24.4 0.0 38.8
105 22.6 3.2 43.2
51 36.8 8.8 48.8

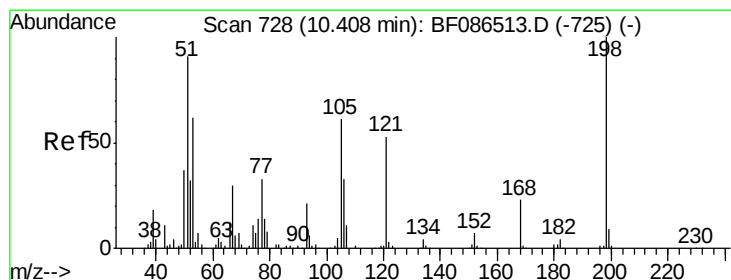
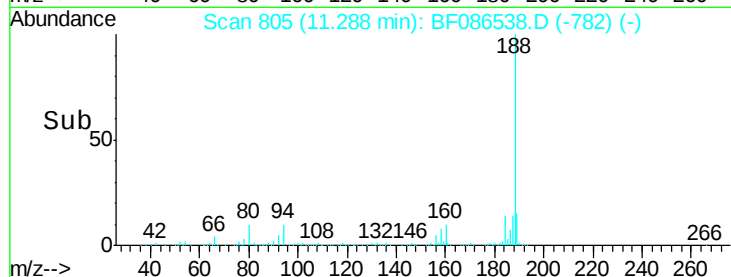
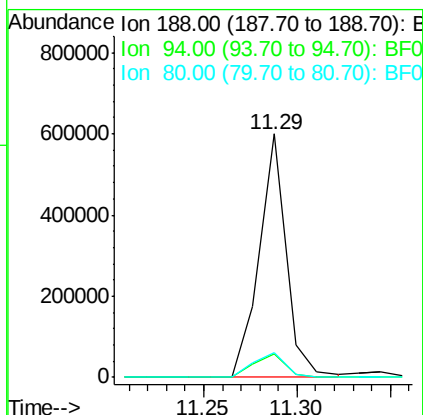
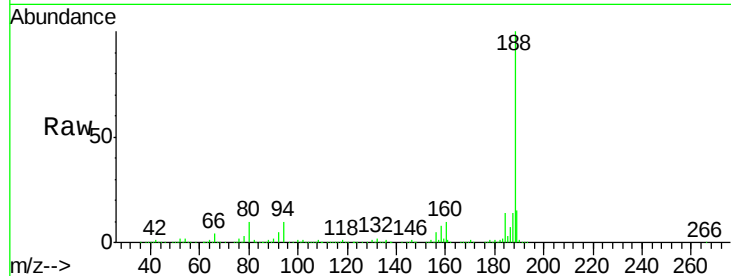




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

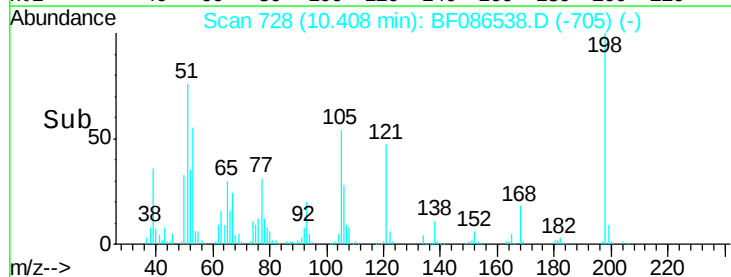
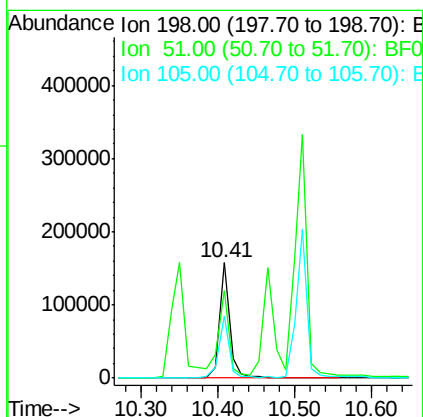
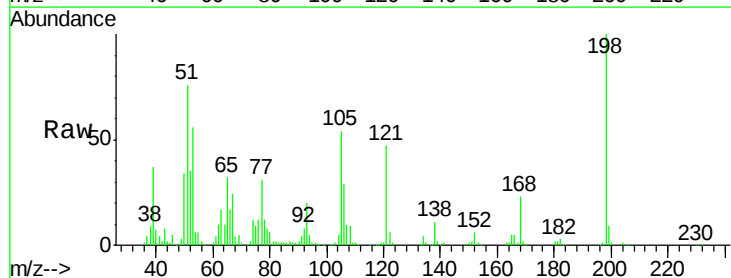
Instrument :
BNA_F
ClientSampleId :

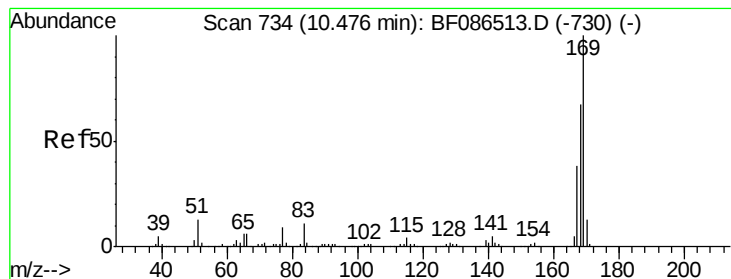
Tot Ion:188 Resp: 602099
Ion Ratio Lower Upper
188 100
94 9.8 6.8 10.2
80 10.3 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 42.01 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:198 Resp: 148485
Ion Ratio Lower Upper
198 100
51 76.4 20.5 60.5#
105 53.7 24.5 64.5

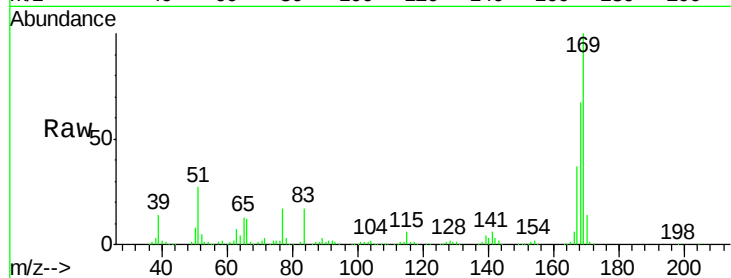




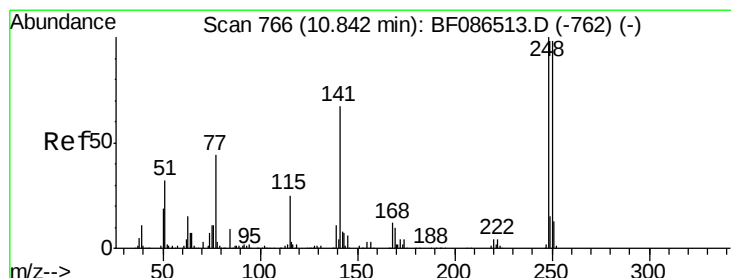
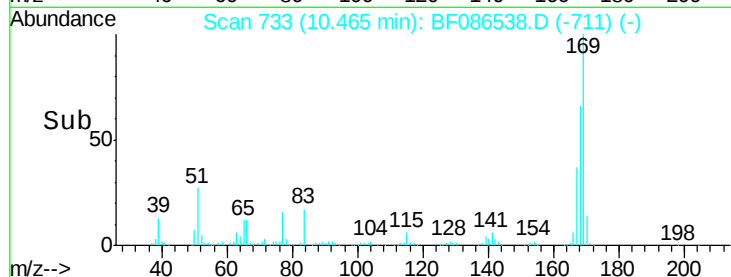
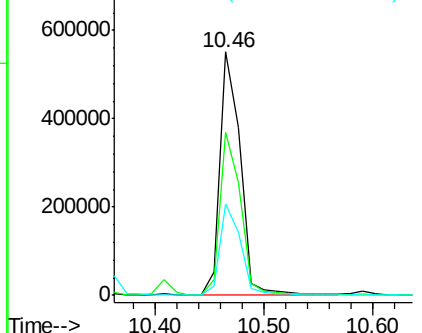
#65
 n-Nitrosodiphenylamine
 Concen: 38.43 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.6
167	37.3	29.5	44.3

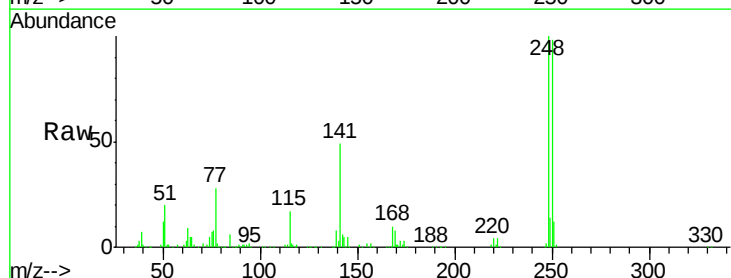


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

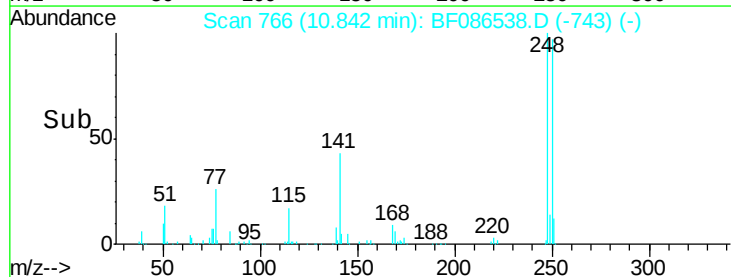
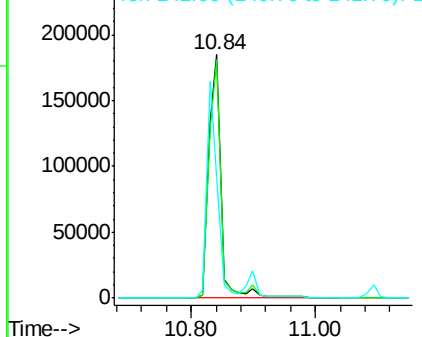


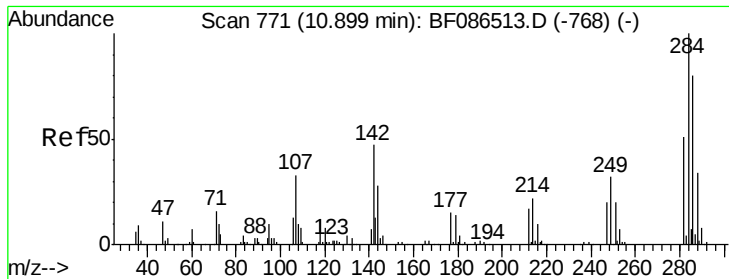
#66
 4-Bromophenyl-phenylether
 Concen: 40.81 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.6	117.8
141	49.4	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

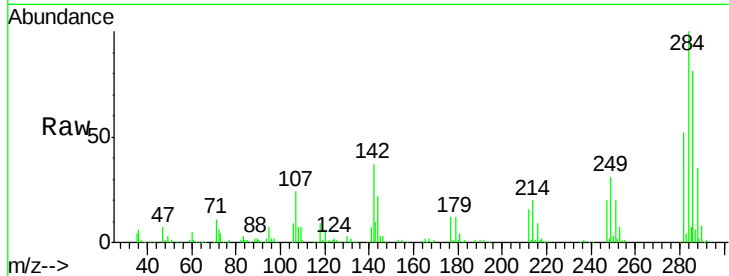




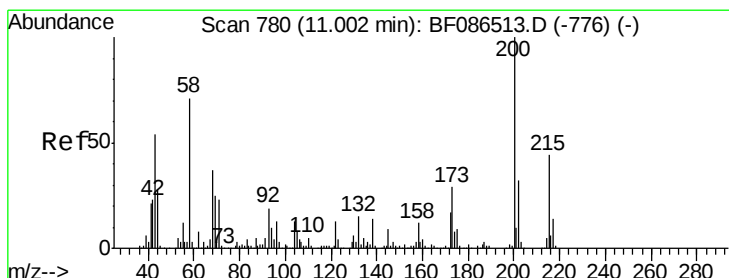
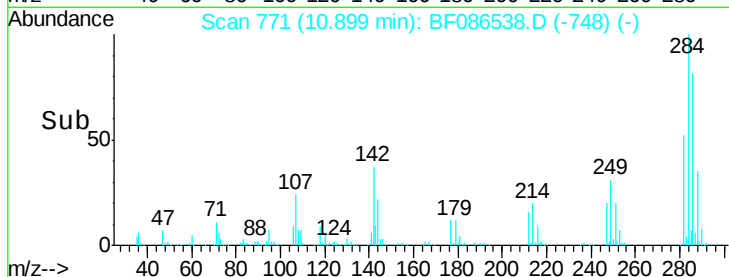
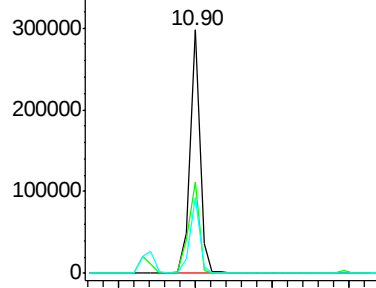
#67
Hexachlorobenzene
Concen: 37.53 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.4	16.7	25.1#
249	31.4	21.3	31.9

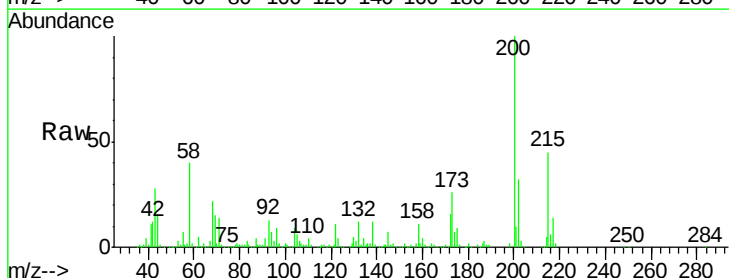


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

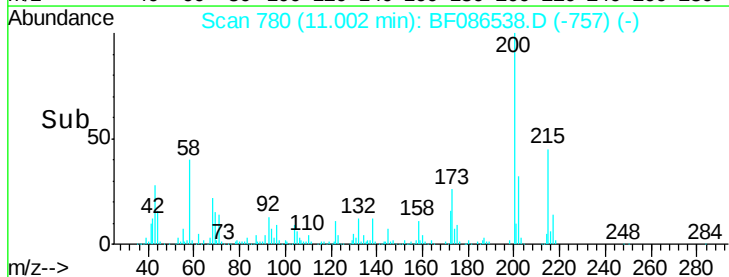
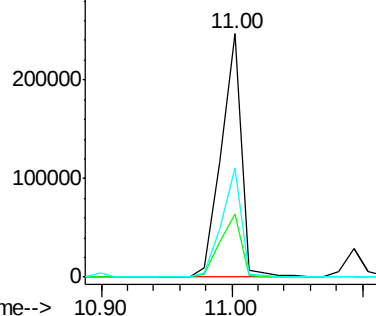


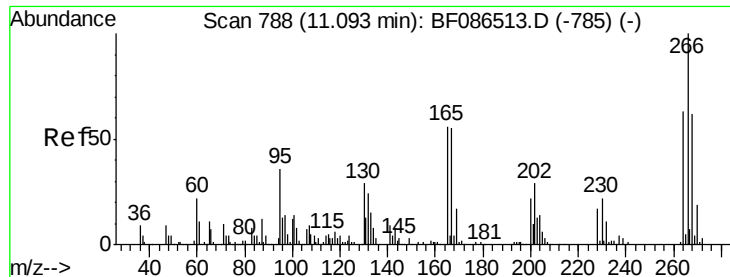
#68
Atrazine
Concen: 46.94 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	8.5	48.5
215	44.7	27.2	67.2



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

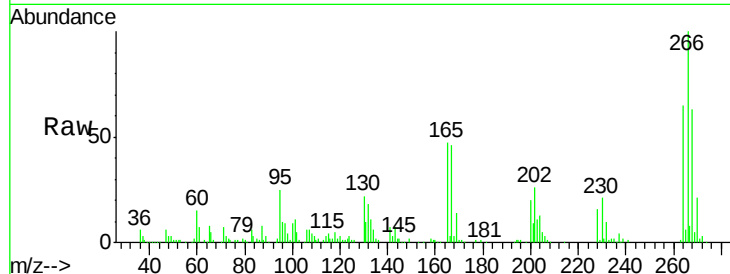




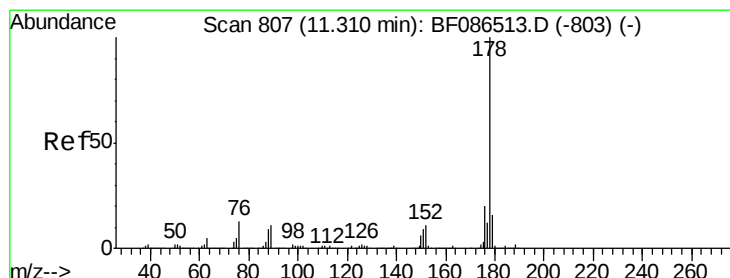
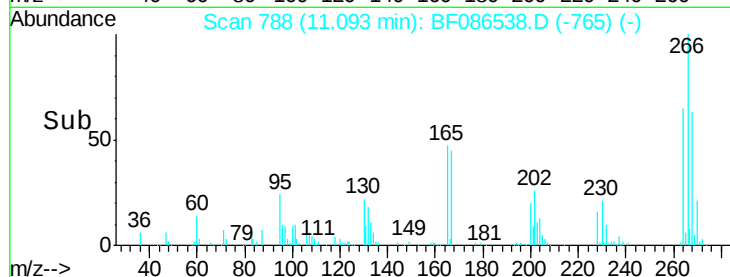
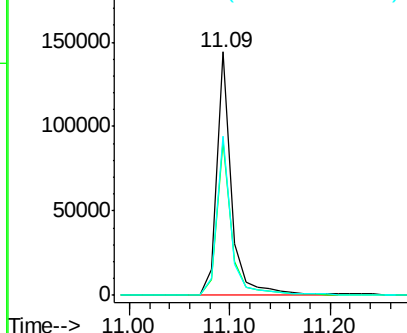
#69
 Pentachlorophenol
 Concen: 39.00 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 147665
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.5 77.3
 264 65.5 52.9 79.3

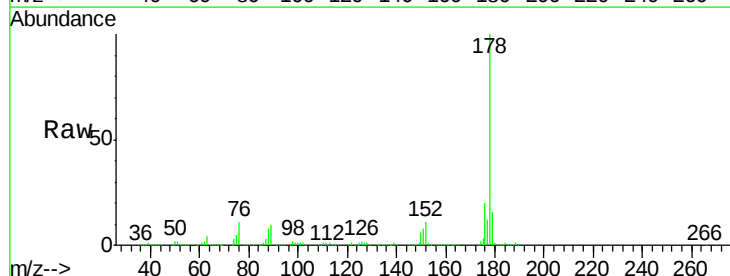


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

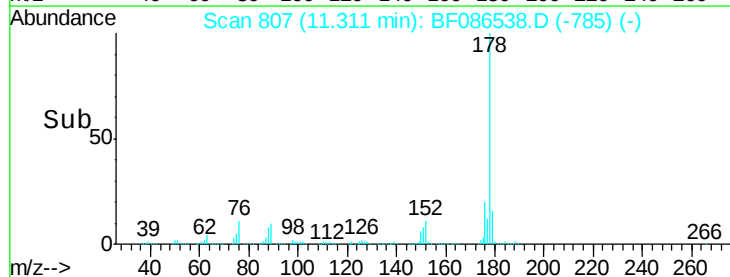
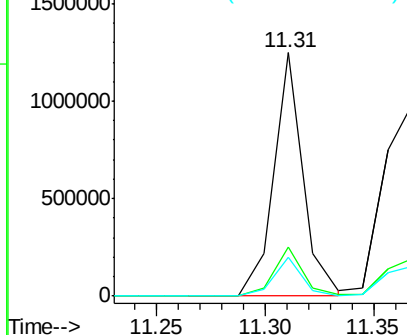


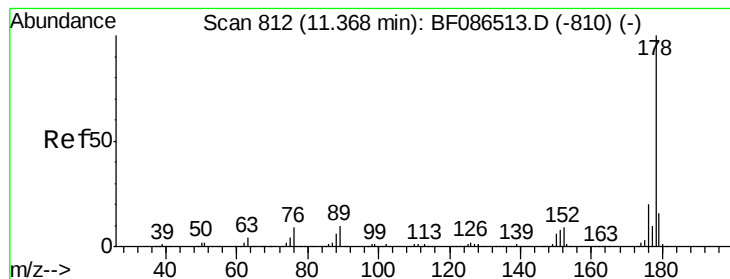
#70
 Phenanthrene
 Concen: 37.31 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion:178 Resp: 1178950
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 41.08 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

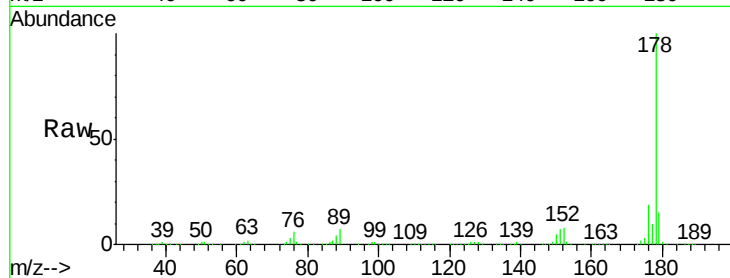
Tot Ion:178 Resp: 1385346

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

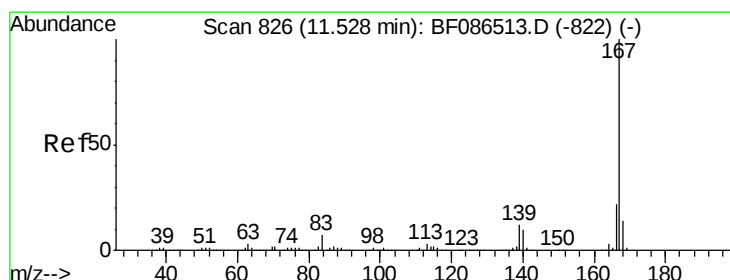
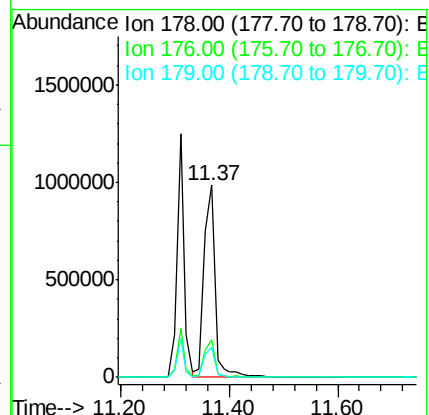
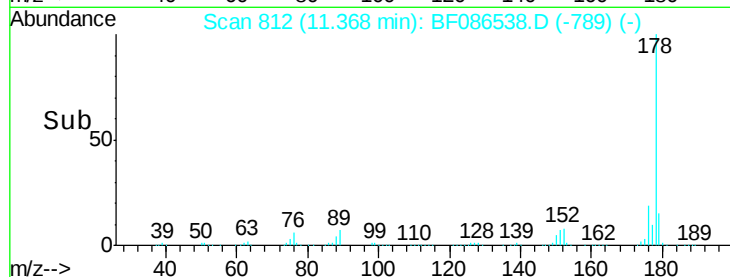
179 15.5 12.7 19.1



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: 38.77 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

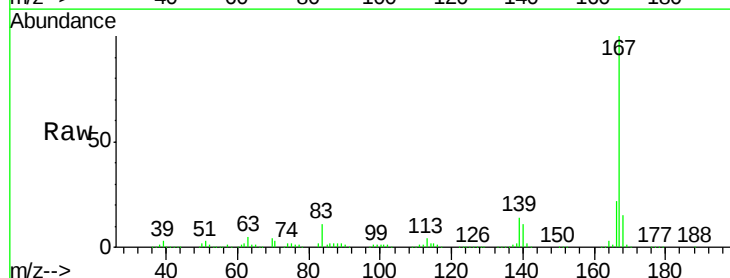
Tgt Ion:167 Resp: 1158825

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

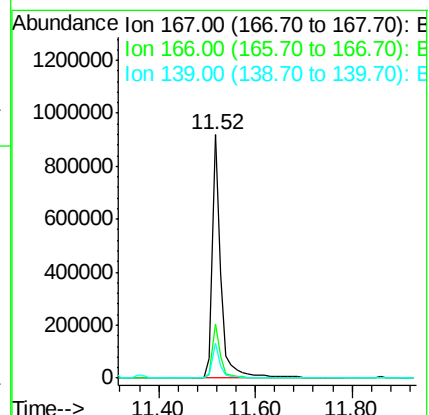
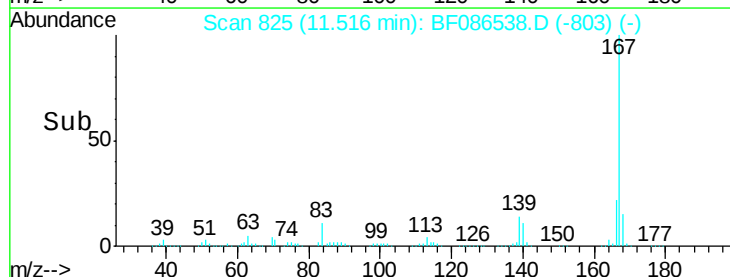
139 14.5 10.8 16.2

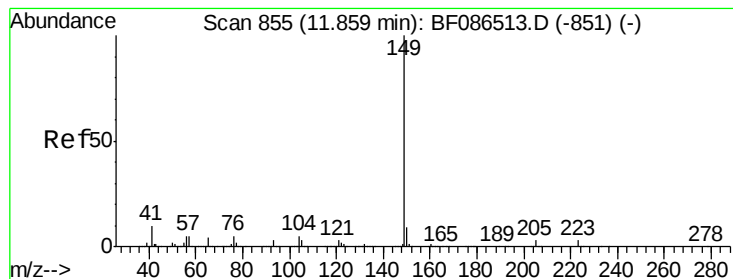


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.09 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

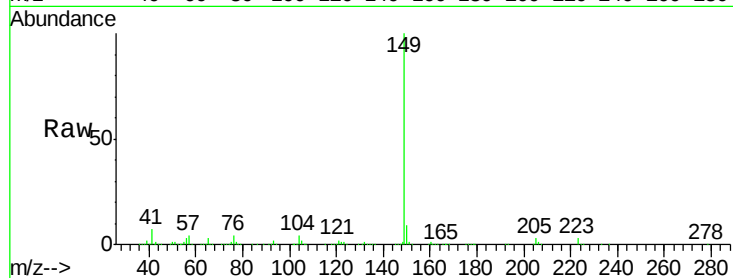
Tot Ion:149 Resp: 1425185

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

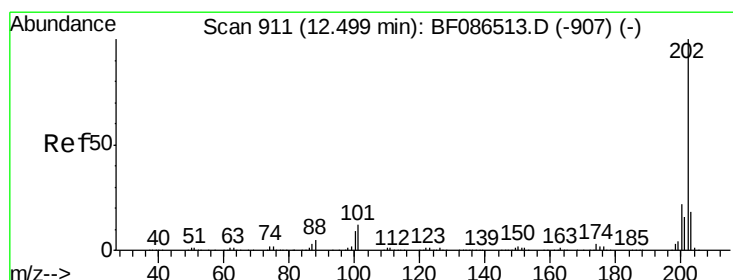
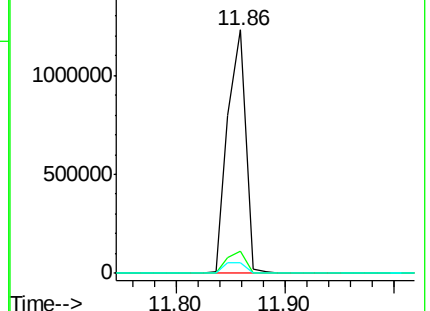
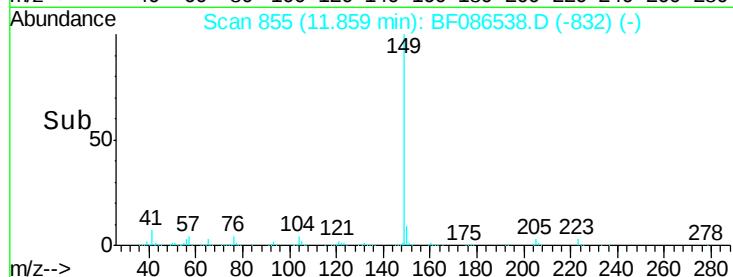
104 4.4 3.8 5.6



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: 40.27 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

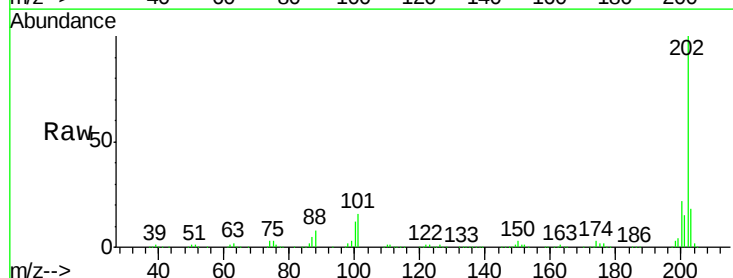
Tgt Ion:202 Resp: 1284457

Ion Ratio Lower Upper

202 100

101 16.3 0.0 35.4

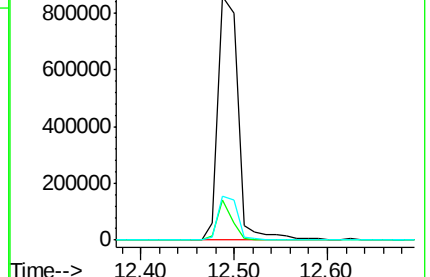
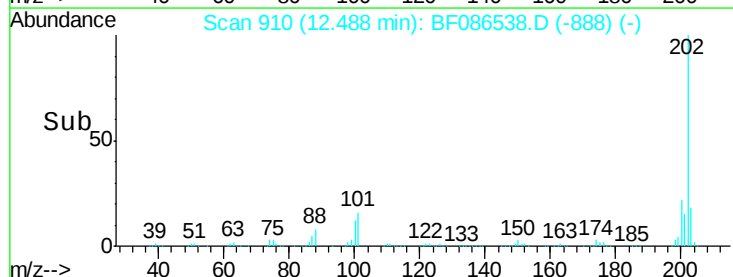
203 18.2 0.0 38.1

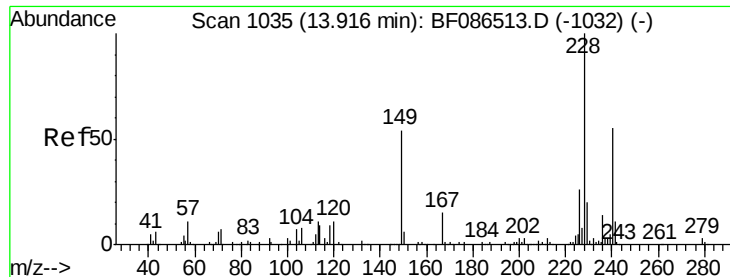


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampled :

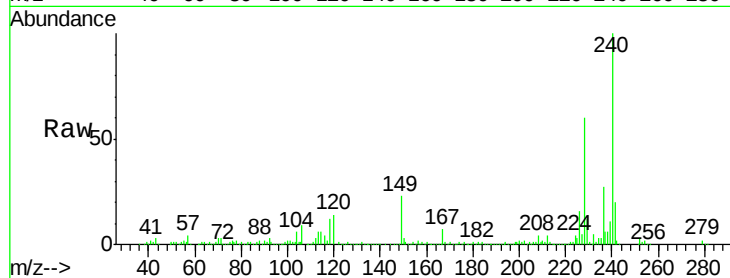
Tot Ion:240 Resp: 429547

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

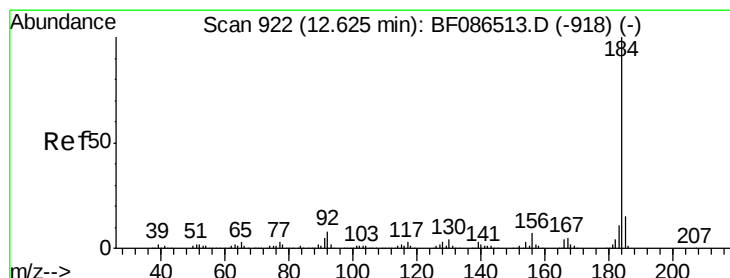
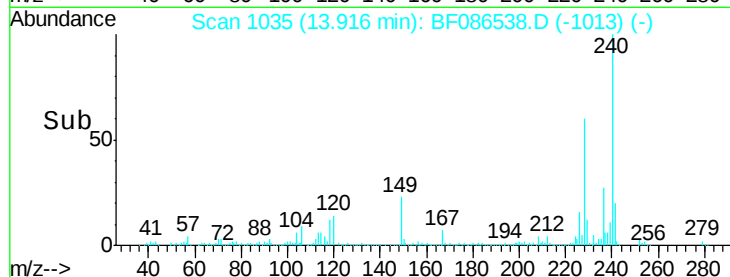
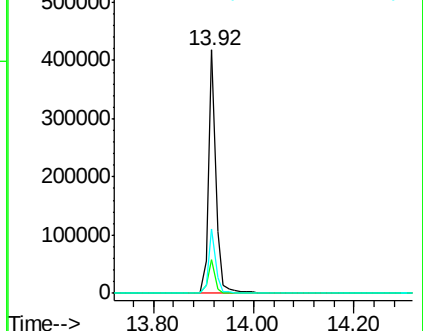
236 26.5 21.2 31.8



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: 41.68 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

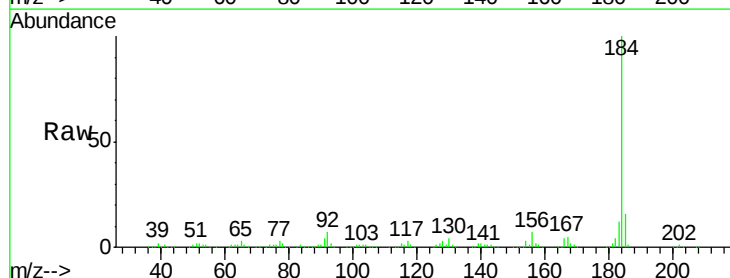
Tgt Ion:184 Resp: 615256

Ion Ratio Lower Upper

184 100

185 15.8 13.6 20.4

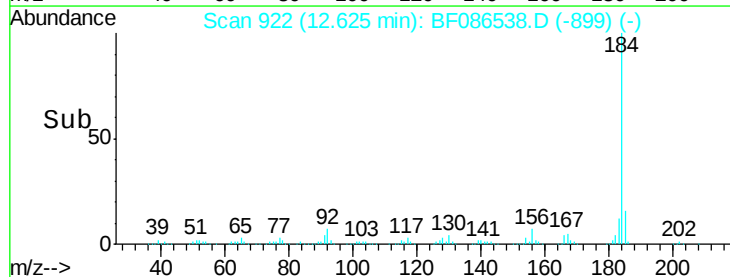
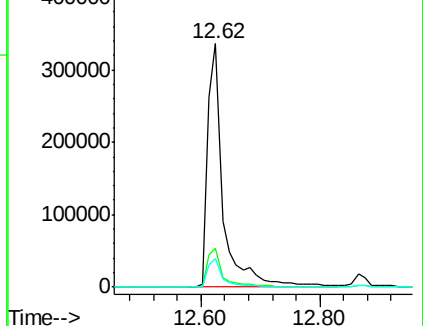
183 11.7 9.8 14.6

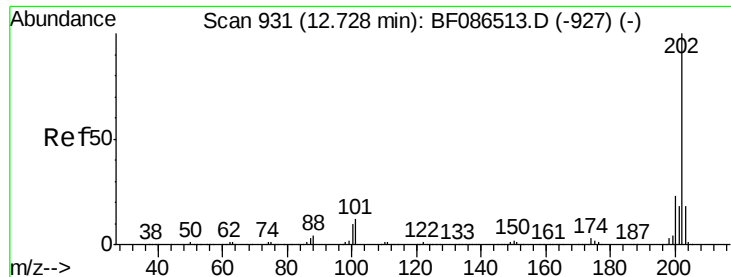


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

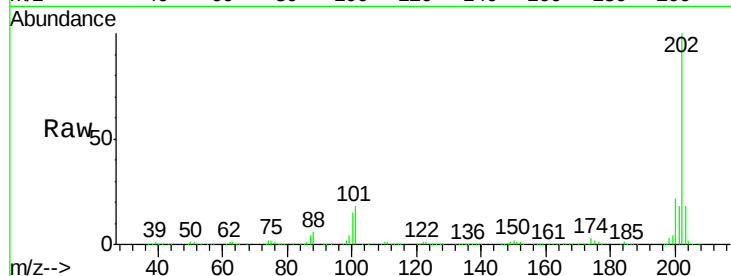




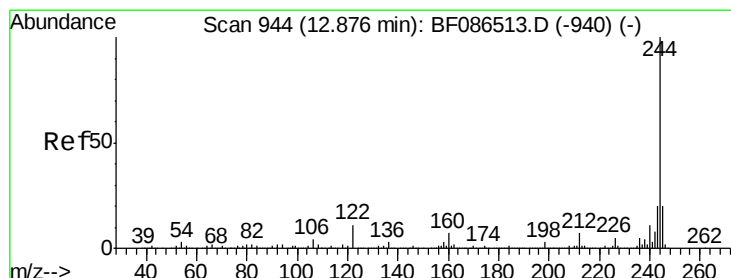
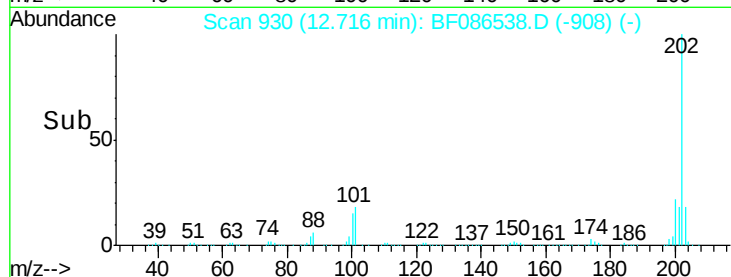
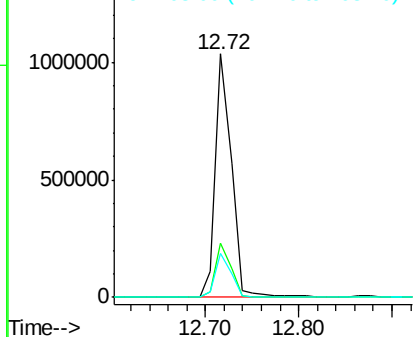
#77
Pvrene
Concen: 39.75 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1230335
Ion Ratio Lower Upper
202 100
200 22.5 17.7 26.5
203 18.1 14.2 21.4

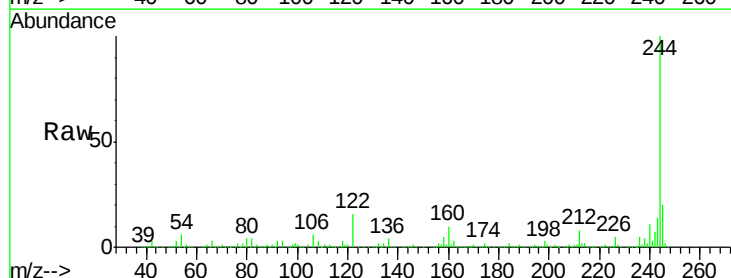


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

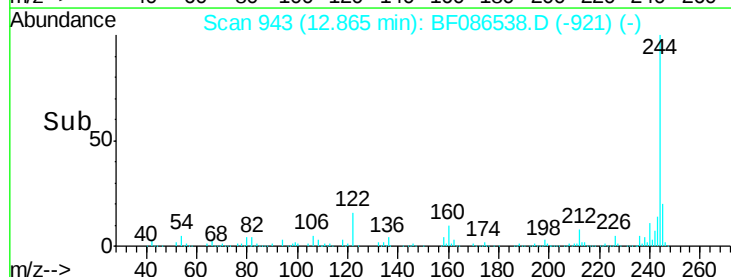
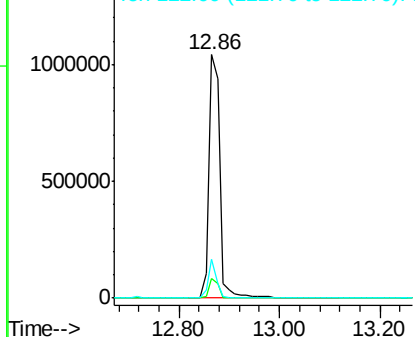


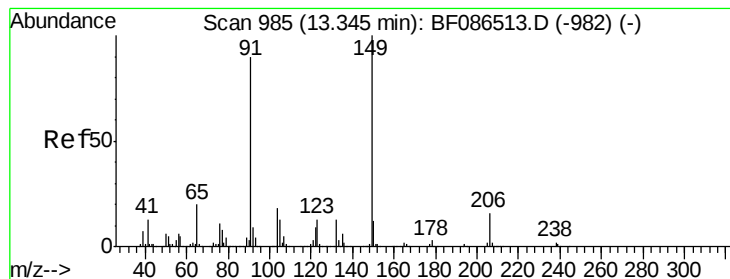
#78
Terphenyl-d14
Concen: 80.45 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:244 Resp: 1568515
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 15.7 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.35 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

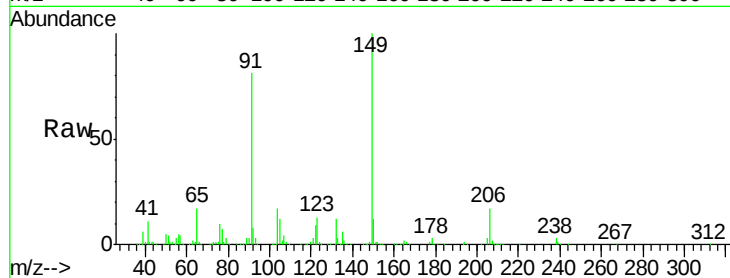
Tot Ion:149 Resp: 540849

Ion Ratio Lower Upper

149 100

91 81.4 48.0 72.0#

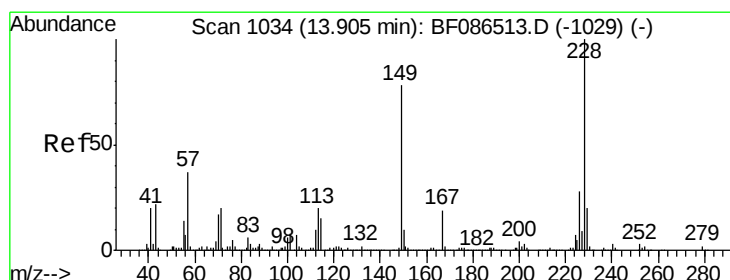
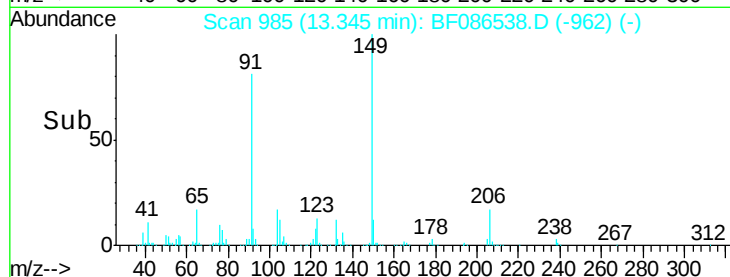
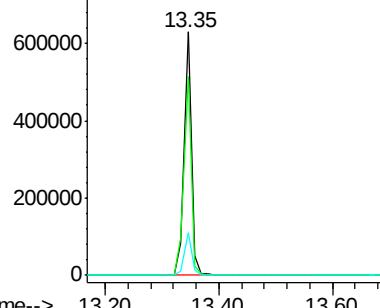
206 17.4 15.8 23.6



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: 40.73 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

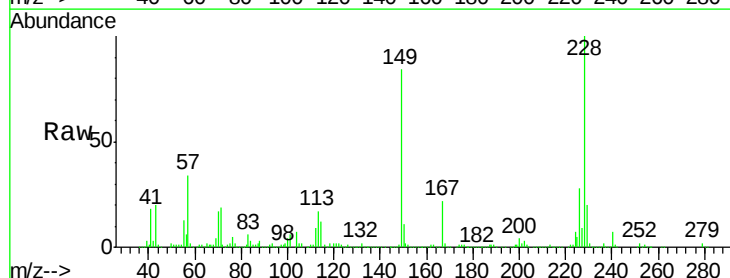
Tgt Ion:228 Resp: 932897

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

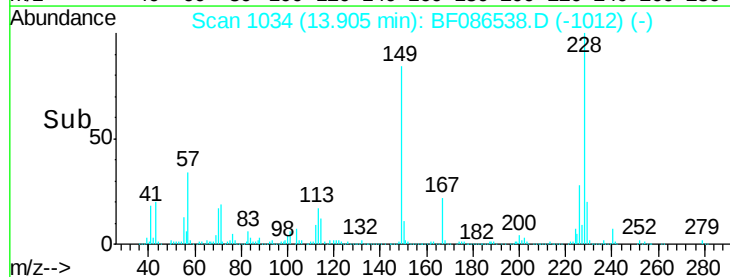
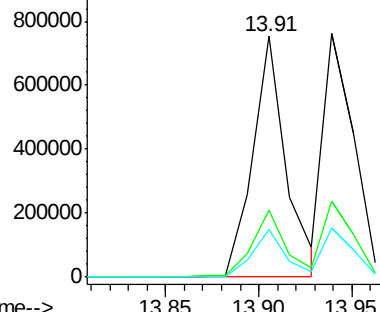
229 20.1 16.6 25.0

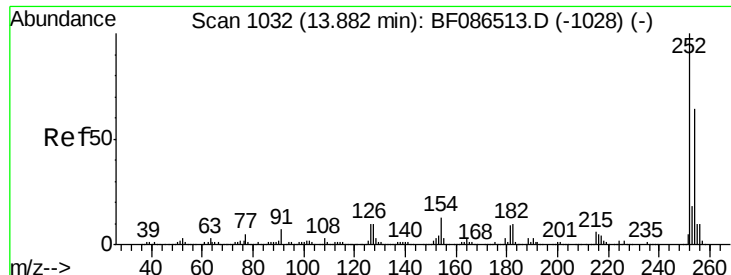


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

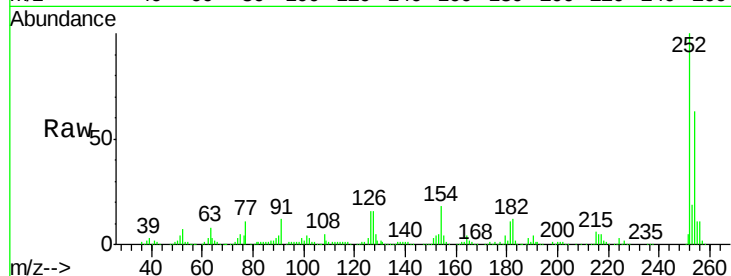




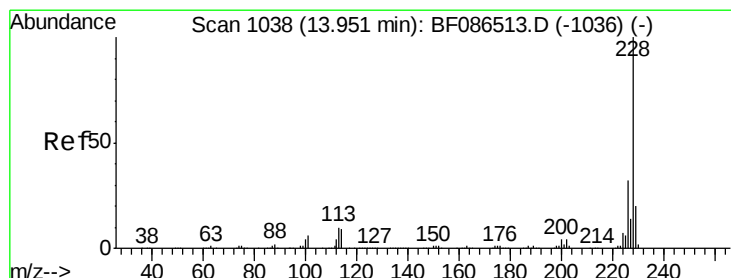
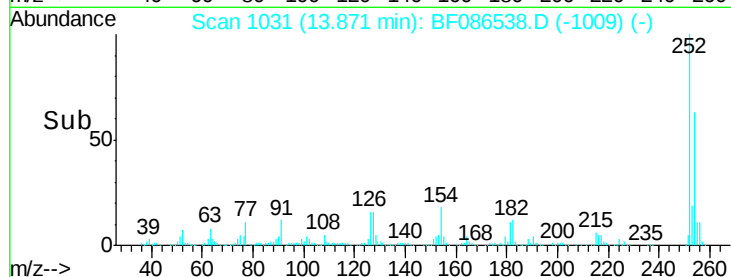
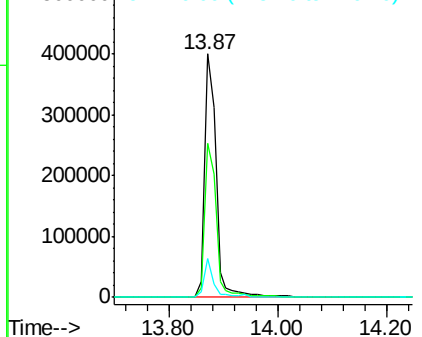
#81
 3,3'-Dichlorobenzidine
 Concen: 38.29 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 586208
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.7 76.1
 126 15.8 12.7 19.1

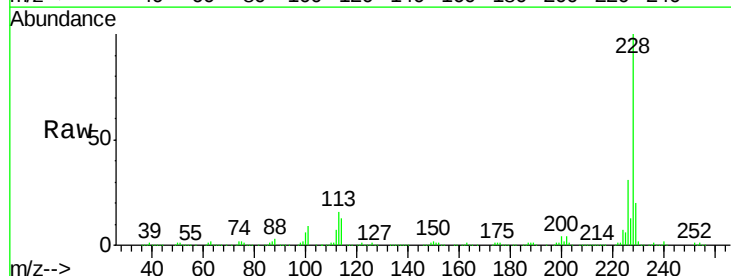


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

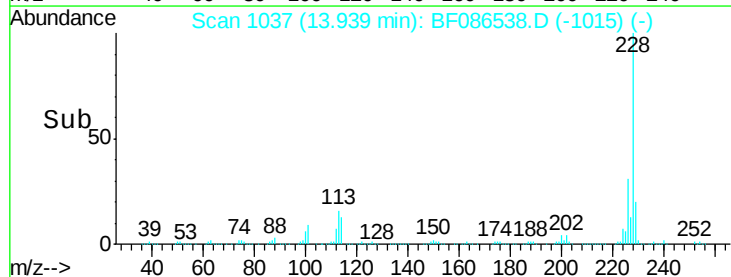
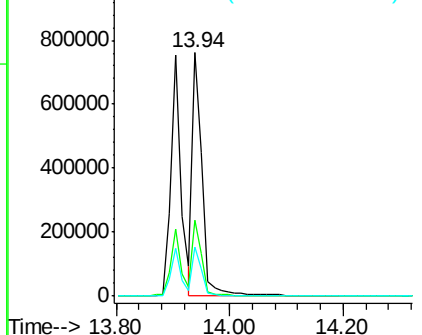


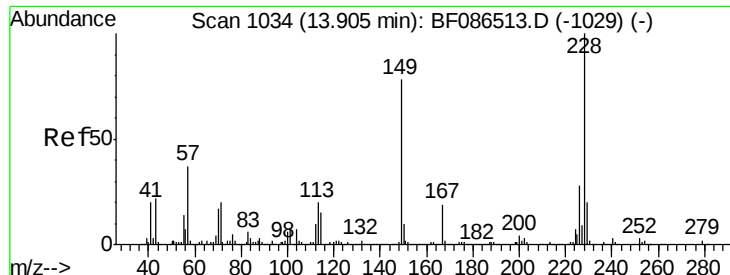
#82
 Chrysene
 Concen: 37.26 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion:228 Resp: 927427
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.4 36.6
 229 20.0 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

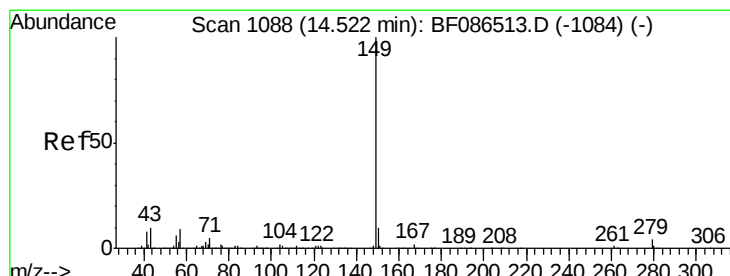
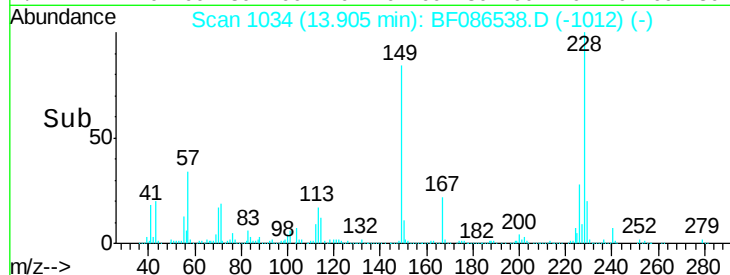
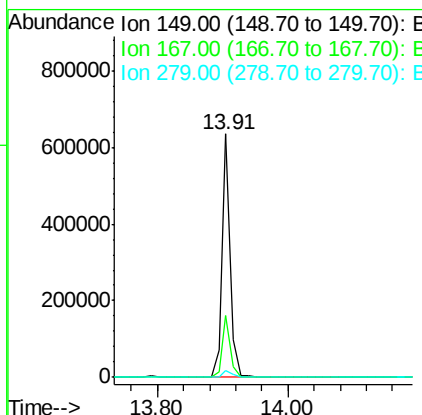
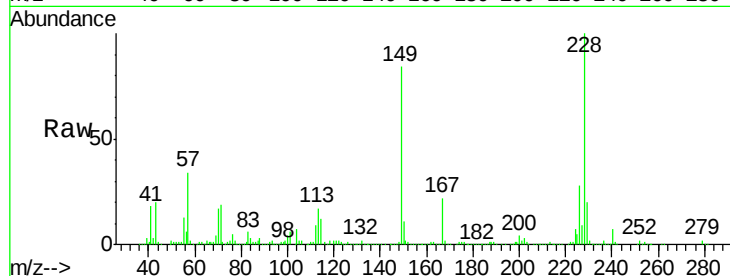




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.91 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

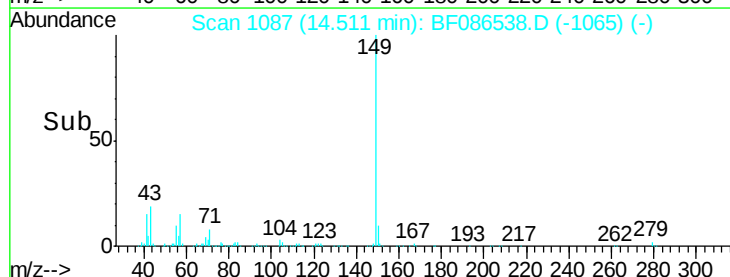
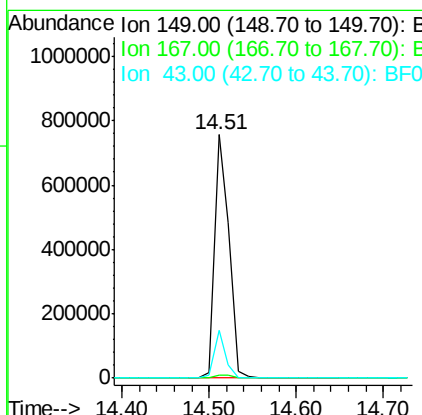
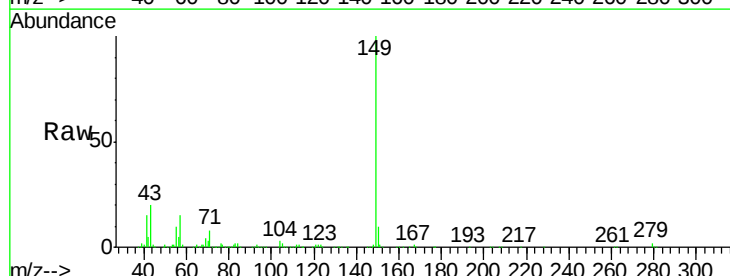
Instrument :
 BNA_F
 ClientSampleId :

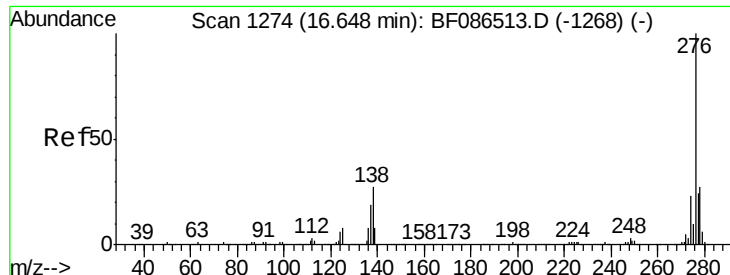
Tot Ion:149	Resp:	564179	
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.8	32.6
279	2.7	2.6	4.0



#84
 Di-n-octyl phthalate
 Concen: 34.00 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF086538.D
 Acq: 30 Apr 2016 23:03

Tgt Ion	149	Resp: Lower	886010 Upper
149	100		
167	1.5	1.2	1.8
43	15.7	8.2	12.4#

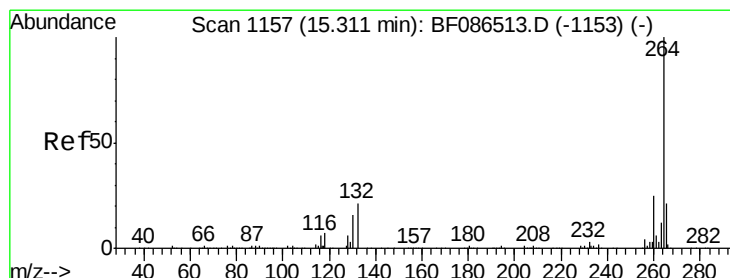
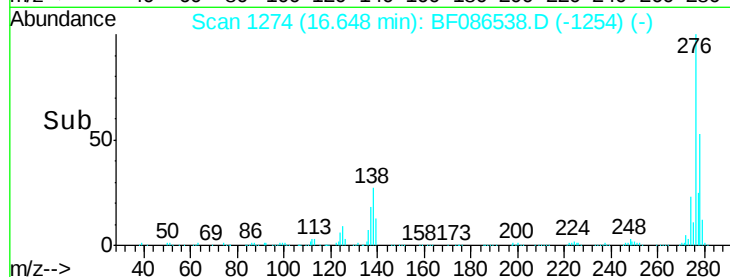
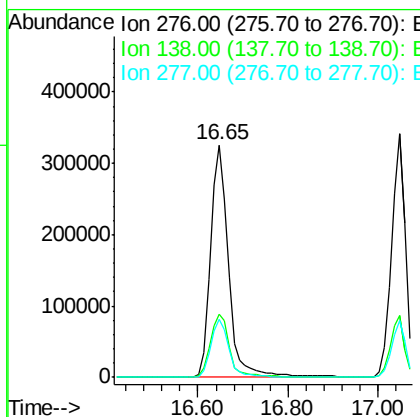
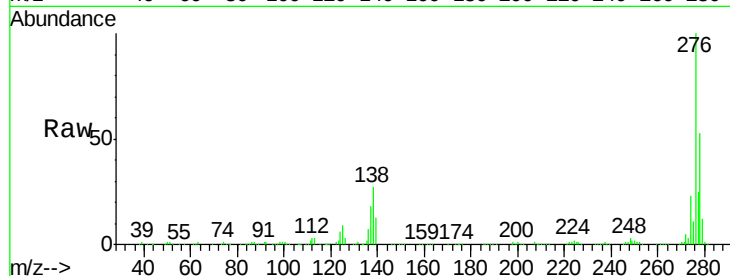




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.45 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.07 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

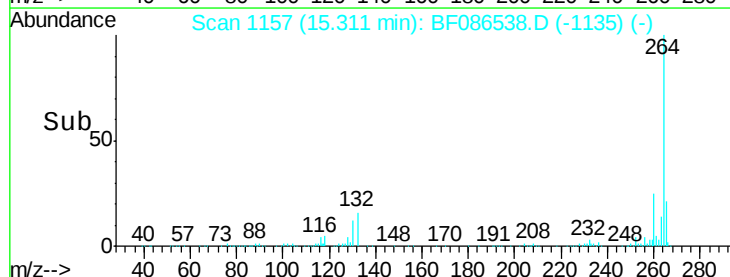
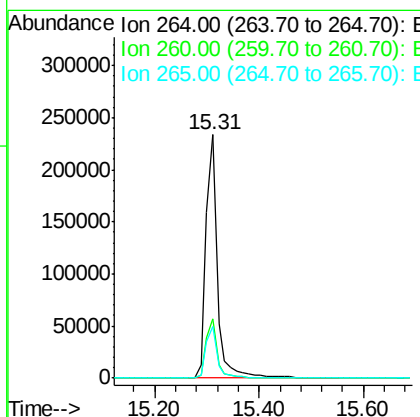
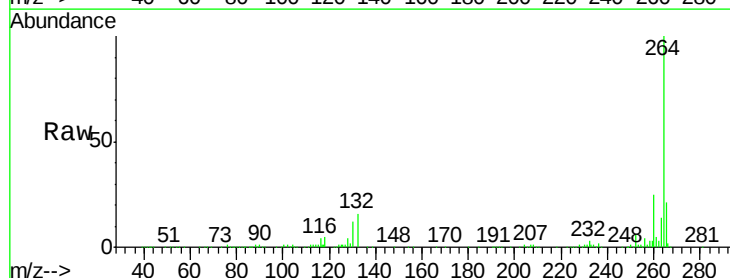
Instrument :
BNA_F
ClientSampleId :

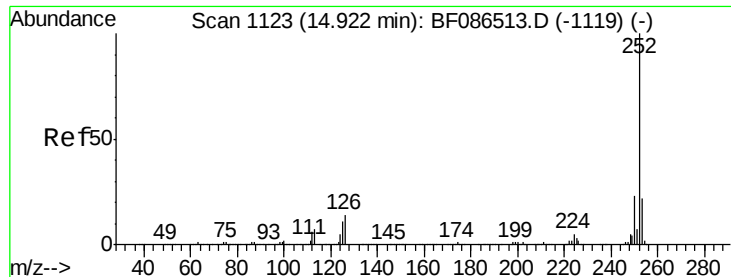
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.6	38.4
277	25.3	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.0	17.3	25.9

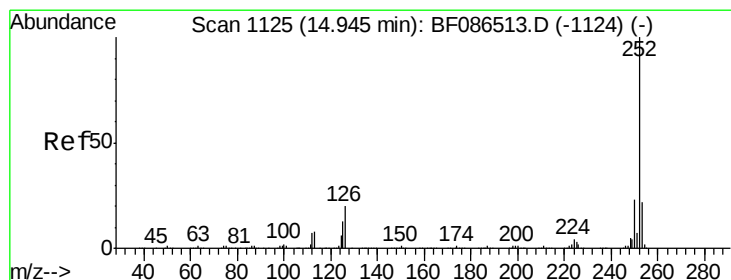
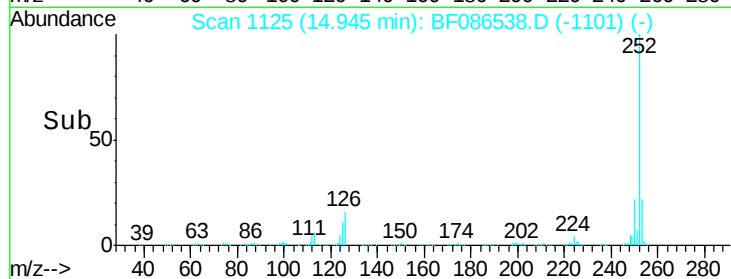
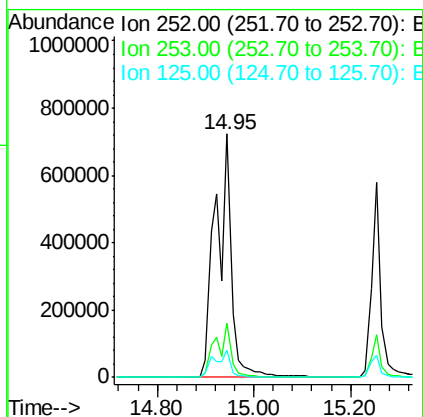
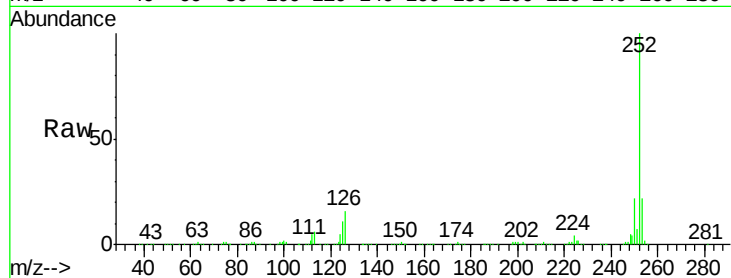




#87
Benzo(b)fluoranthene
Concen: 79.37 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

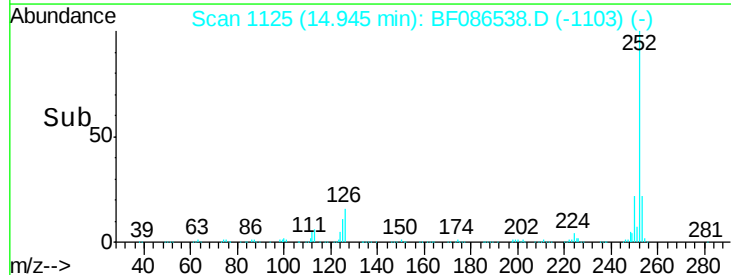
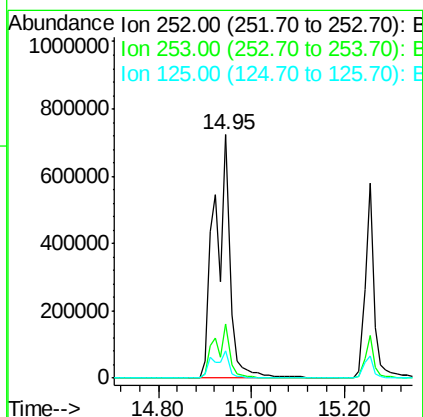
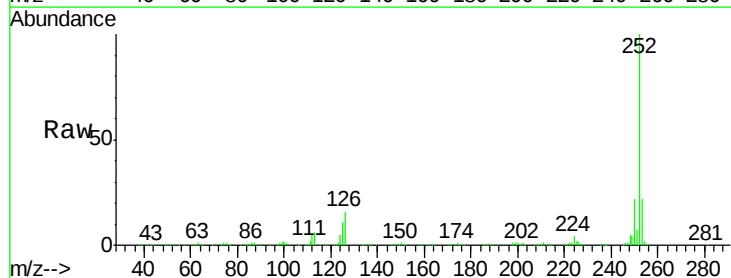
Instrument :
BNA_F
ClientSampleId :

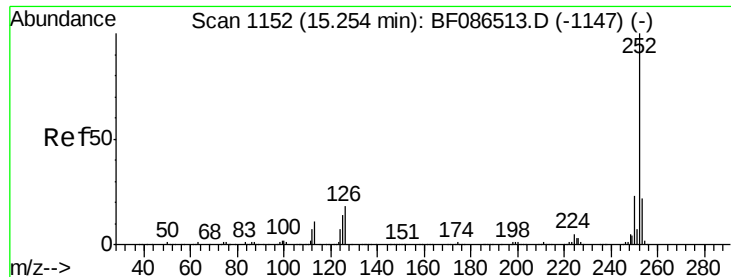
Tot Ion:252 Resp: 1663163
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.0 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 76.14 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.05 min
Lab File: BF086538.D
Acq: 30 Apr 2016 23:03

Tgt Ion:252 Resp: 1664265
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.0 9.1 13.7





#89

Benzo(a)pyrene

Concen: 39.56 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.05 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

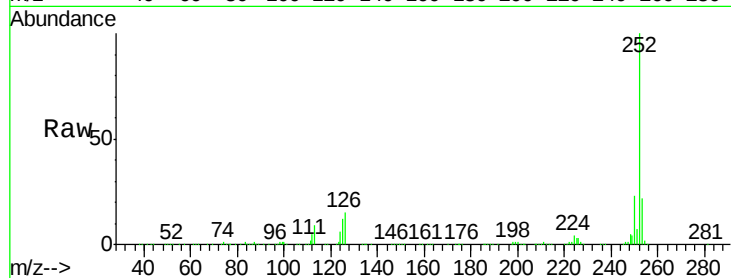
Tot Ion:252 Resp: 782690

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

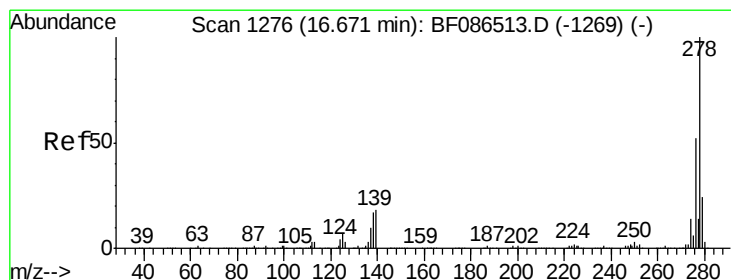
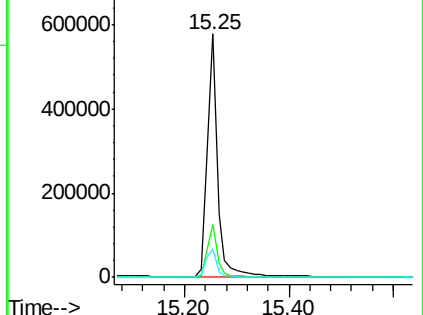
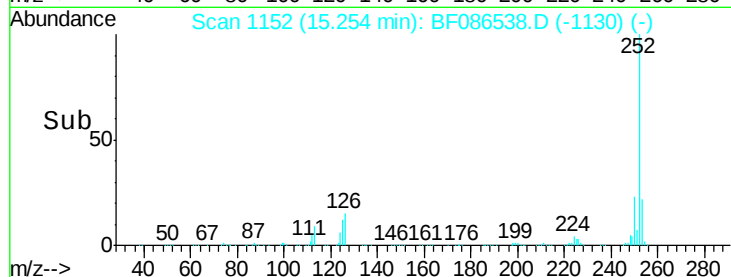
125 11.6 9.0 13.6



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: 46.78 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.08 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

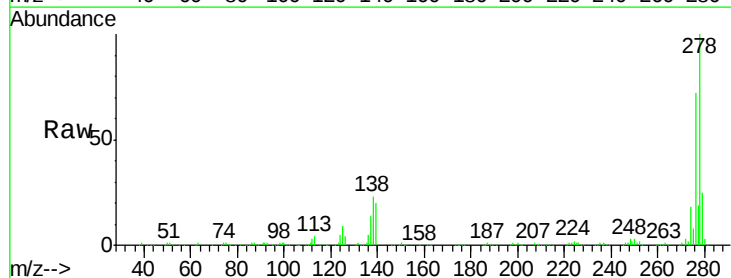
Tgt Ion:278 Resp: 757341

Ion Ratio Lower Upper

278 100

139 19.8 16.6 24.8

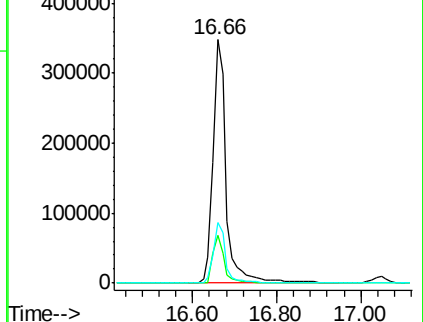
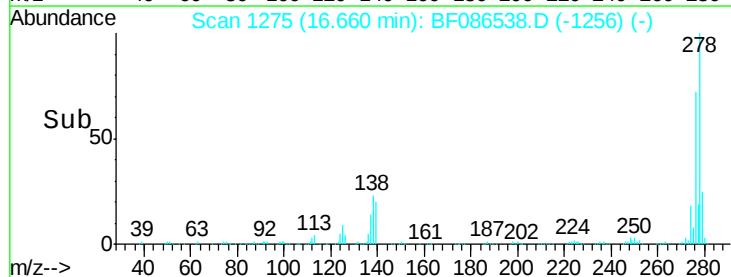
279 24.7 19.6 29.4

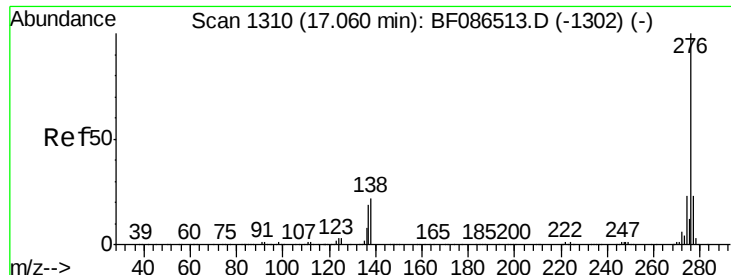


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.80 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.08 min

Lab File: BF086538.D

Acq: 30 Apr 2016 23:03

Instrument :

BNA_F

ClientSampleId :

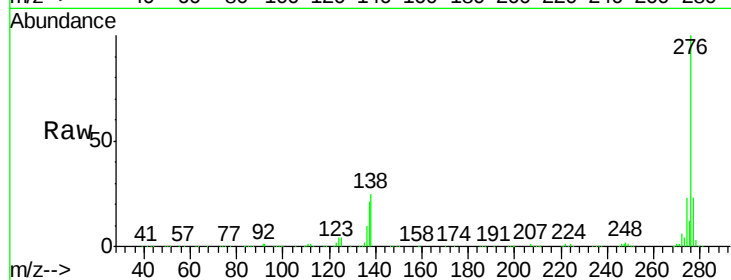
Tot Ion: 276 Resp: 775484

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 25.4 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

