

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086526.D
 Acq On : 30 Apr 2016 16:24
 Operator : UM/SJ
 Sample : PB90053BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:21:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137688	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	606884	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	289845	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	572778	20.00	ng	0.00
75) Chrysene-d12	13.92	240	422525	20.00	ng	0.00
86) Perylene-d12	15.31	264	343353	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1021895	128.02	ng	0.01
7) Phenol-d6	6.41	99	1427176	128.10	ng	0.00
23) Nitrobenzene-d5	7.33	82	883131	78.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	387548	126.79	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1549644	96.18	ng	0.00
78) Terphenyl-d14	12.88	244	1498025	78.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	150669	35.93	ng	# 77
3) Pyridine	3.07	79	434933	43.82	ng	# 75
4) n-Nitrosodimethylamine	3.01	42	254997	45.08	ng	# 60
6) Aniline	6.43	93	214028	15.88	ng	# 38
8) 2-Chlorophenol	6.56	128	410033	41.24	ng	95
9) Benzaldehyde	6.30	77	64627	9.97	ng	95
10) Phenol	6.42	94	446697	35.94	ng	# 66
11) bis(2-Chloroethyl)ether	6.51	93	447655	41.66	ng	93
12) 1,3-Dichlorobenzene	6.78	146	429409	40.15	ng	95
13) 1,4-Dichlorobenzene	6.78	146	437134	39.62	ng	96
14) 1,2-Dichlorobenzene	6.93	146	383474	37.90	ng	96
15) Benzyl Alcohol	6.91	79	339936	48.23	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.06	45	858528	39.92	ng	90
17) 2-Methylphenol	7.04	107	358766	44.64	ng	95
18) Hexachloroethane	7.28	117	154640	37.50	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	303745	41.25	ng	# 70
20) 3+4-Methylphenols	7.18	107	410011	44.69	ng	91
22) Acetophenone	7.18	105	566337	42.56	ng	# 90
24) Nitrobenzene	7.36	77	479644	41.41	ng	94
25) Isophorone	7.60	82	855057	39.46	ng	99
26) 2-Nitrophenol	7.68	139	222583	41.74	ng	95
27) 2,4-Dimethylphenol	7.72	122	393541	42.06	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	540783	45.81	ng	98
29) 2,4-Dichlorophenol	7.92	162	352309	44.63	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	353418	38.59	ng	96
31) Naphthalene	8.08	128	1210169	39.19	ng	99
32) Benzoic acid	7.85	122	171695	33.54	ng	88
33) 4-Chloroaniline	8.13	127	97073	8.39	ng	98
34) Hexachlorobutadiene	8.20	225	192085	37.41	ng	97
35) Caprolactam	8.54	113	32888	12.49	ng	# 73
36) 4-Chloro-3-methylphenol	8.62	107	411110	45.48	ng	98
37) 2-Methylnaphthalene	8.77	142	791519	43.44	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	302397	36.45	ng	# 96
40) Hexachlorocyclopentadiene	8.92	237	317456	77.00	ng	96

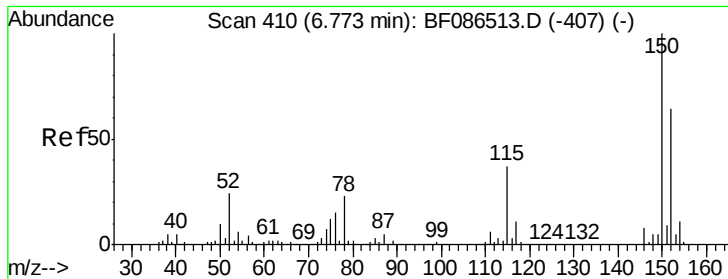
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086526.D
 Acq On : 30 Apr 2016 16:24
 Operator : UM/SJ
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Quant Time: May 01 01:21:14 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	223263	42.57	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	238980	41.81	nq #	92
45) 1,1'-Biphenyl	9.23	154	929404	38.36	nq	96
46) 2-Chloronaphthalene	9.25	162	707161	38.39	nq	94
47) 2-Nitroaniline	9.36	65	289485	49.01	nq	90
48) Acenaphthylene	9.66	152	1121363	38.95	nq	99
49) Dimethylphthalate	9.54	163	887886	40.69	nq	100
50) 2,6-Dinitrotoluene	9.60	165	190450	42.25	nq #	90
51) Acenaphthene	9.84	154	768838	41.57	nq	98
52) 3-Nitroaniline	9.77	138	71053	13.86	nq	99
53) 2,4-Dinitrophenol	9.87	184	143153	60.22	nq #	77
54) Dibenzofuran	10.02	168	1027753	44.46	nq	95
55) 4-Nitrophenol	9.94	139	303213	90.33	nq #	74
56) 2,4-Dinitrotoluene	10.01	165	252459	43.93	nq #	82
57) Fluorene	10.35	166	721103	35.93	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211937	47.42	nq	98
59) Diethylphthalate	10.24	149	847140	41.01	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	372031	40.83	nq #	87
61) 4-Nitroaniline	10.38	138	205024	40.91	nq	89
62) Azobenzene	10.51	77	1027280	45.40	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	125271	37.25	nq #	77
65) n-Nitrosodiphenylamine	10.46	169	699977	39.10	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	232696	39.43	nq #	78
67) Hexachlorobenzene	10.90	284	249289	36.49	nq #	78
68) Atrazine	11.00	200	253347	47.13	nq	95
69) Pentachlorophenol	11.09	266	252410	70.08	nq	96
70) Phenanthrene	11.31	178	1138917	37.89	nq	100
71) Anthracene	11.37	178	1317077	41.06	nq	99
72) Carbazole	11.52	167	1124178	39.54	nq	98
73) Di-n-butylphthalate	11.86	149	1357410	42.14	nq	99
74) Fluoranthene	12.50	202	1270983	41.89	nq	91
76) Benzidine	12.63	184	259411	17.87	nq	95
77) Pyrene	12.72	202	1218041	40.01	nq	99
79) Butylbenzylphthalate	13.35	149	519249	39.38	nq #	71
80) Benzo(a)anthracene	13.91	228	946984	42.04	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	121453	8.07	nq	99
82) Chrysene	13.94	228	962916	39.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	578719	35.36	nq #	96
84) Di-n-octyl phthalate	14.51	149	995816	38.85	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	826220	45.54	nq	97
87) Benzo(b)fluoranthene	14.95	252	1705614	84.44	nq	98
88) Benzo(k)fluoranthene	14.95	252	1707964	81.07	nq	99
89) Benzo(a)pyrene	15.25	252	786640	41.25	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	693242	44.42	nq	98
91) Benzo(g,h,i)perylene	17.05	276	700199	44.77	nq	95

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

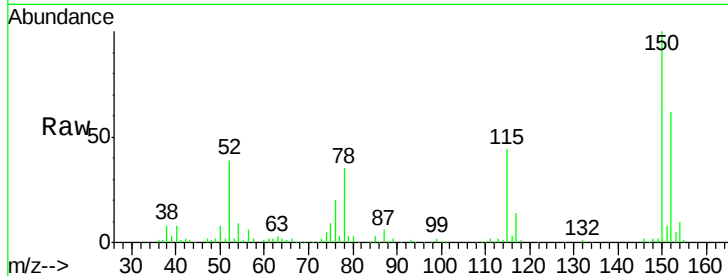


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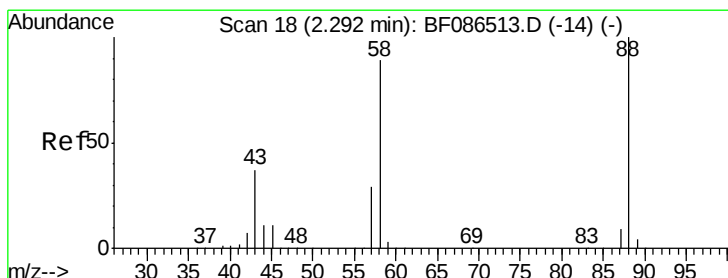
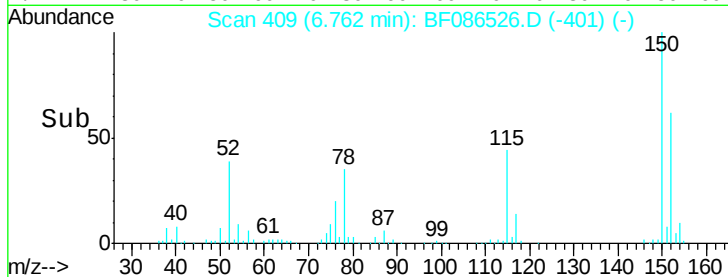
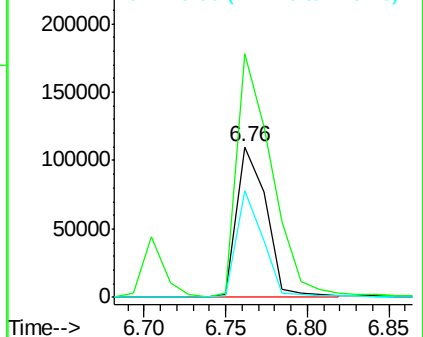
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 137688
Ion Ratio Lower Upper
152 100
150 161.7 125.8 188.6
115 70.8 51.5 77.3



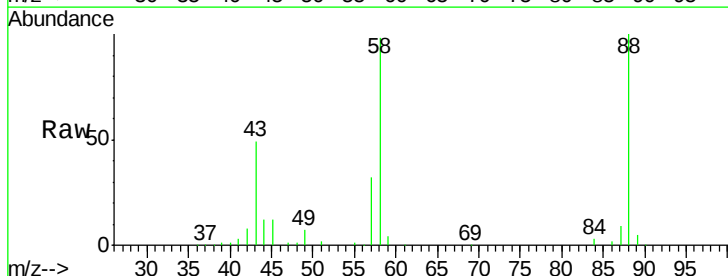
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



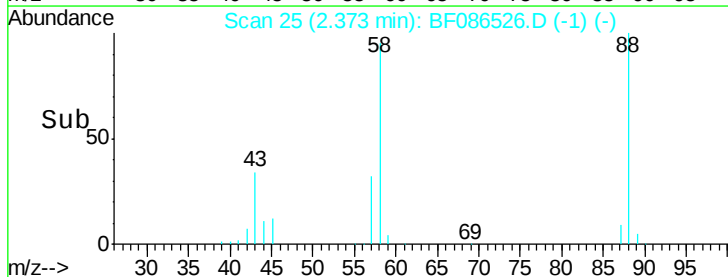
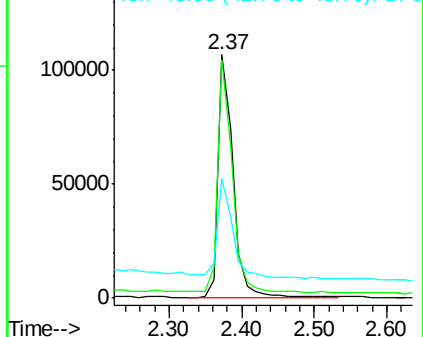
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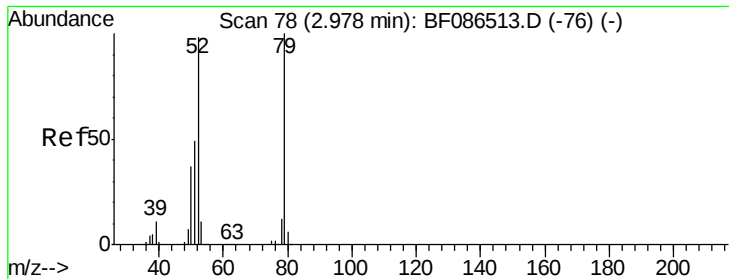
1,4-Dioxane
Concen: 35.93 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion: 88 Resp: 150669
Ion Ratio Lower Upper
88 100
58 91.0 59.6 89.4#
43 45.1 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: 43.82 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

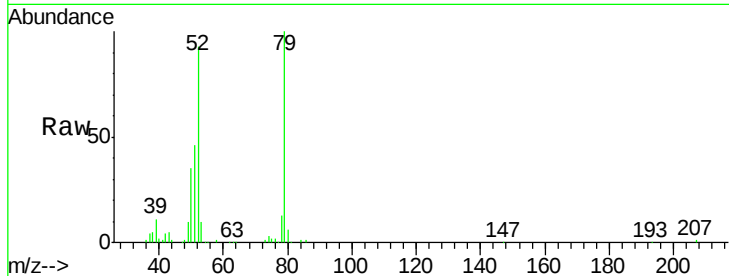
Tot Ion: 79 Resp: 434933

Ion Ratio Lower Upper

79 100

52 92.7 55.9 83.9#

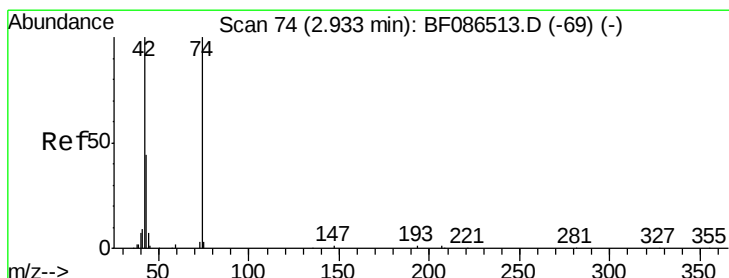
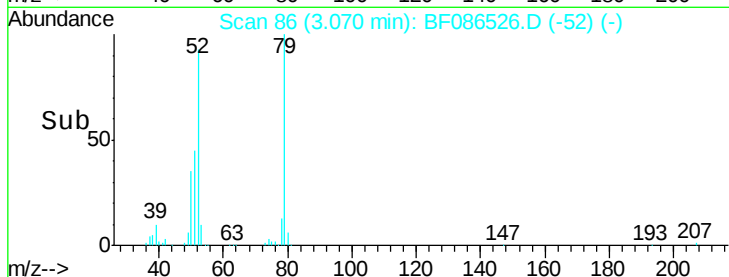
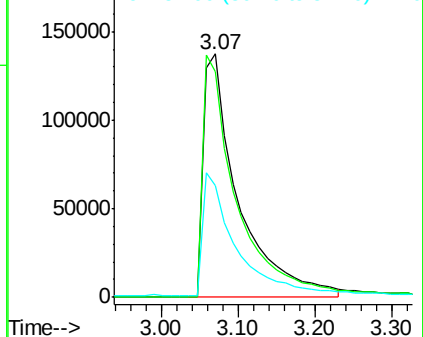
51 46.0 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.08 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

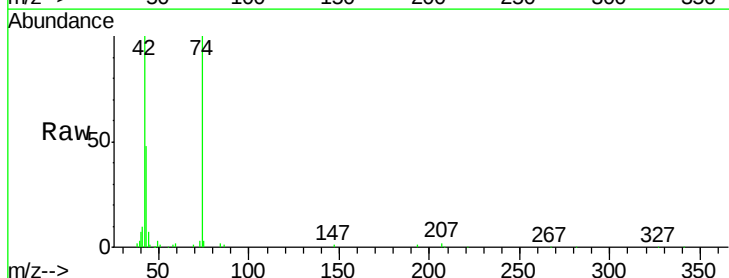
Tgt Ion: 42 Resp: 254997

Ion Ratio Lower Upper

42 100

74 100.4 123.4 185.0#

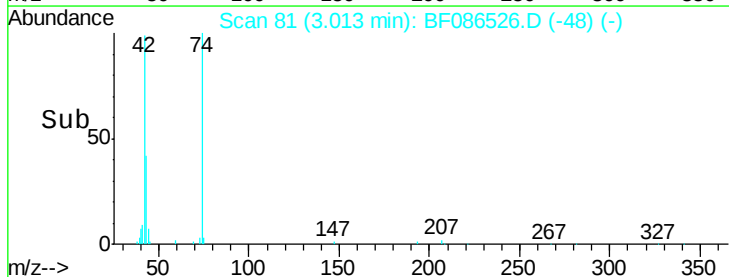
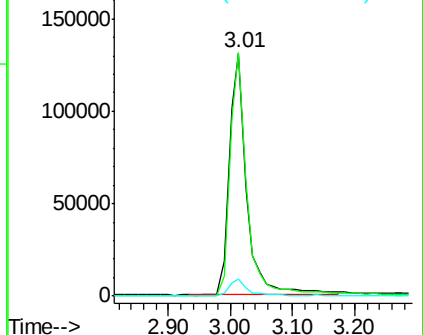
44 7.1 5.8 8.6

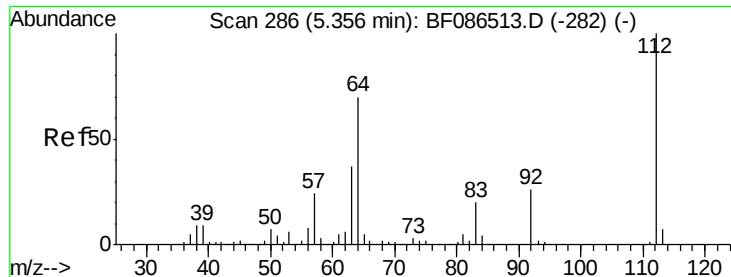


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.02 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

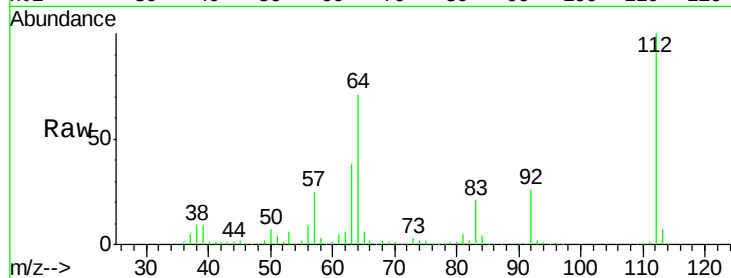
Tot Ion:112 Resp: 1021895

Ion Ratio Lower Upper

112 100

64 71.3 52.1 78.1

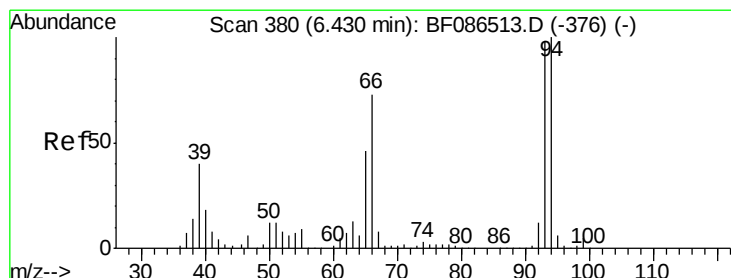
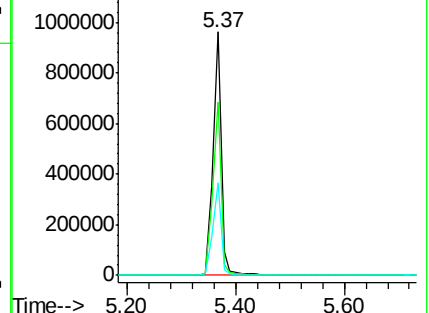
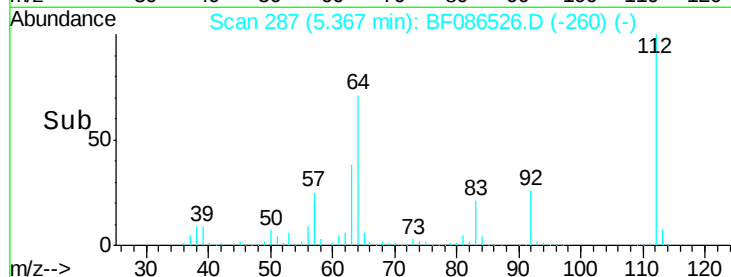
63 37.9 25.7 38.5



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: 15.88 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

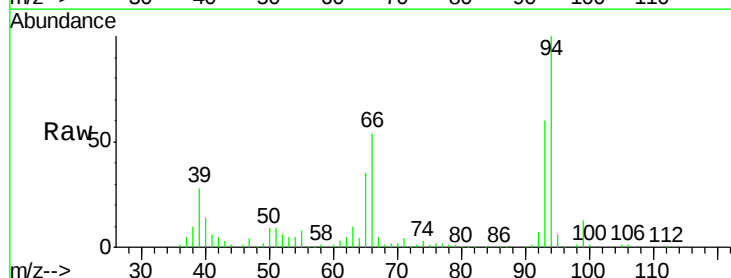
Tgt Ion: 93 Resp: 214028

Ion Ratio Lower Upper

93 100

66 90.1 39.0 58.6#

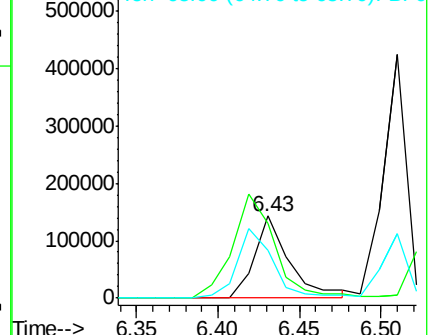
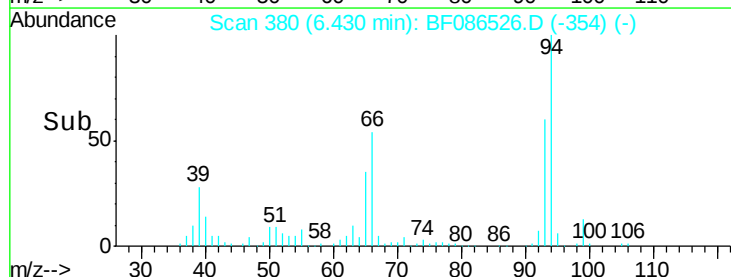
65 58.3 20.6 31.0#

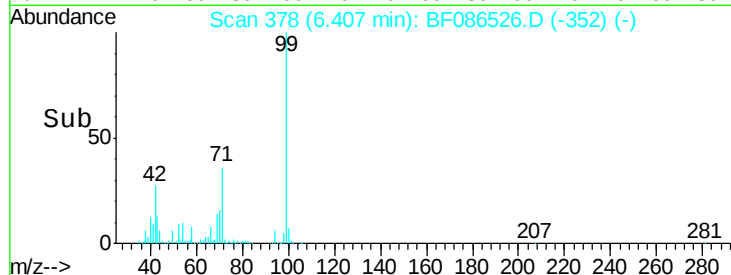
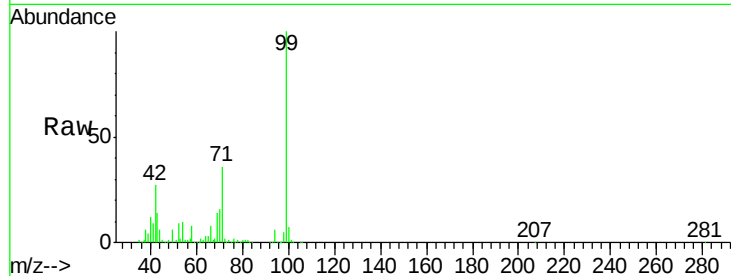
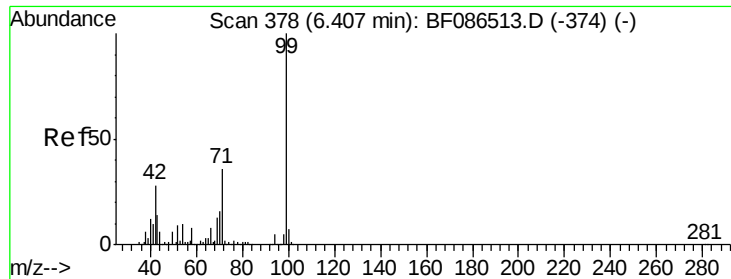


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.10 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

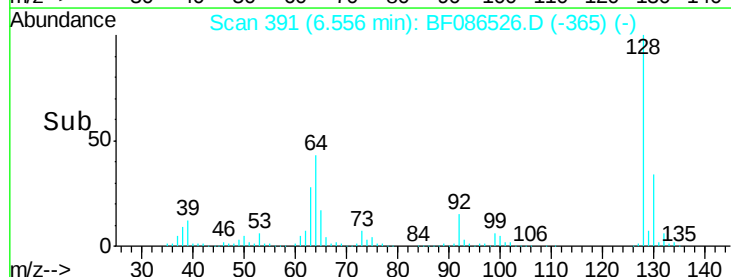
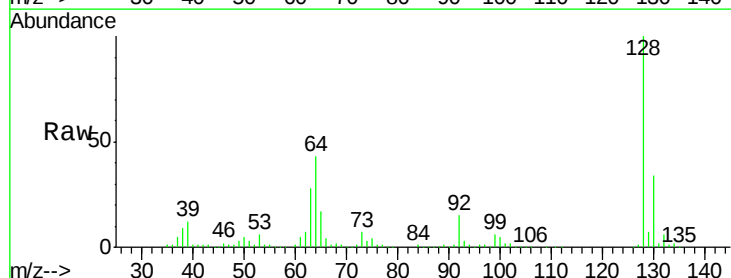
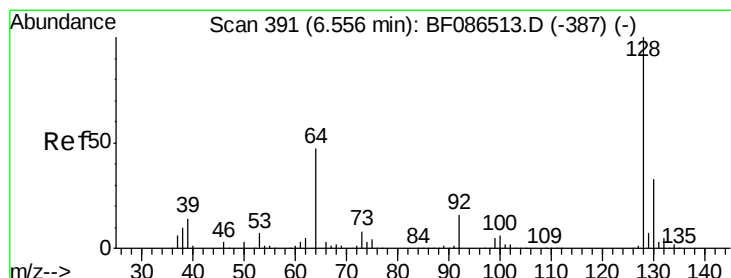
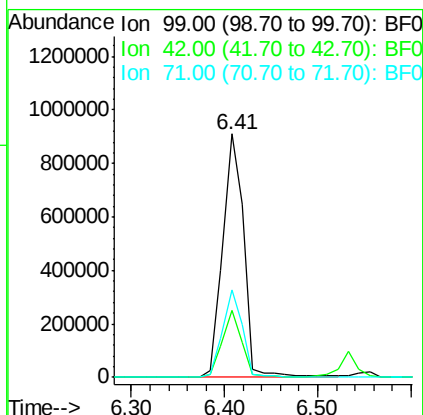
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1427176

Ion	Ratio	Lower	Upper
99	100		
42	27.5	13.6	20.4#
71	36.0	24.6	36.8



#8

2-Chlorophenol

Concen: 41.24 ng

RT: 6.56 min Scan# 391

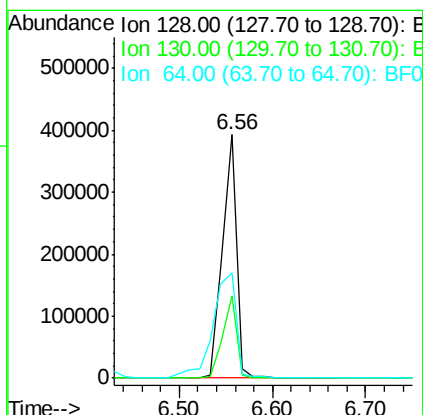
Delta R.T. 0.00 min

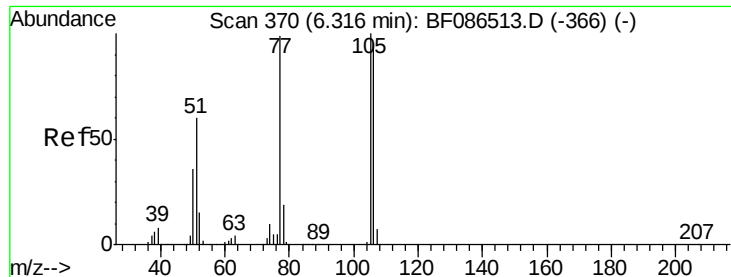
Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion: 128 Resp: 410033

Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.5	52.5
64	43.2	27.3	67.3





#9

Benzaldehyde

Concen: 9.97 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampled :

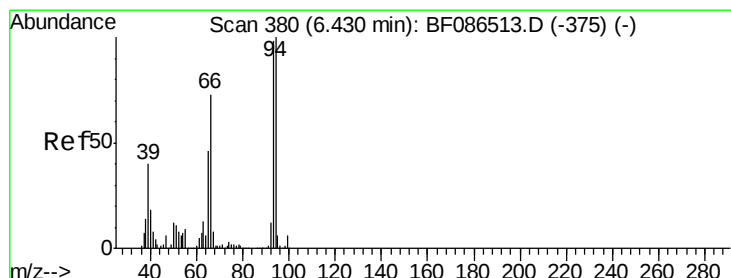
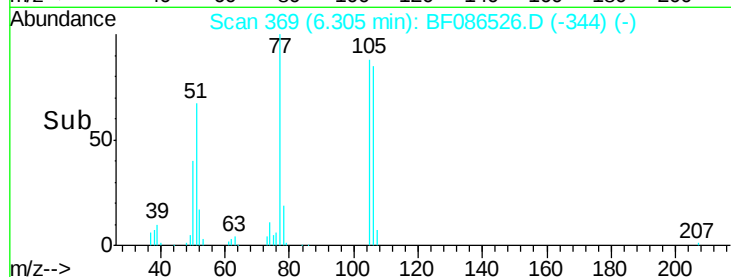
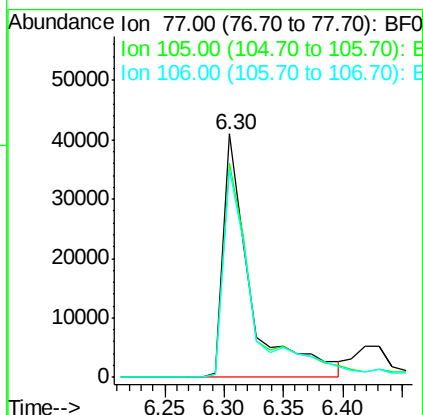
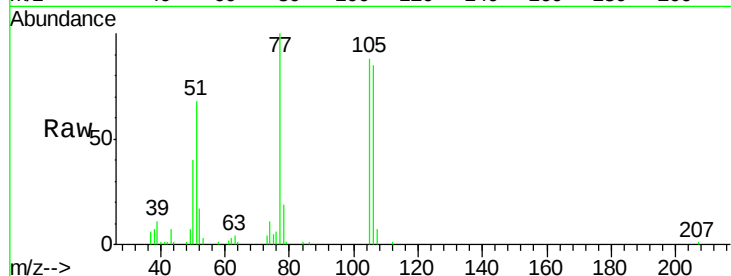
Tot Ion: 77 Resp: 64627

Ion Ratio Lower Upper

77 100

105 88.1 72.7 112.7

106 85.5 70.8 110.8



#10

Phenol

Concen: 35.94 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

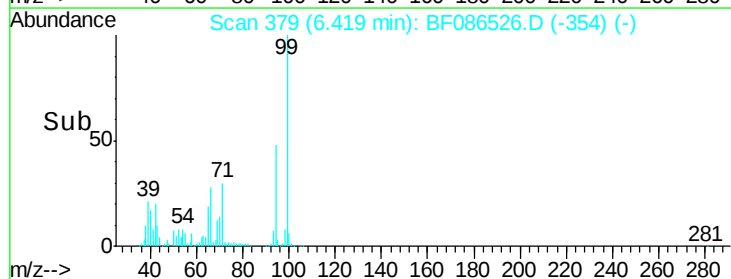
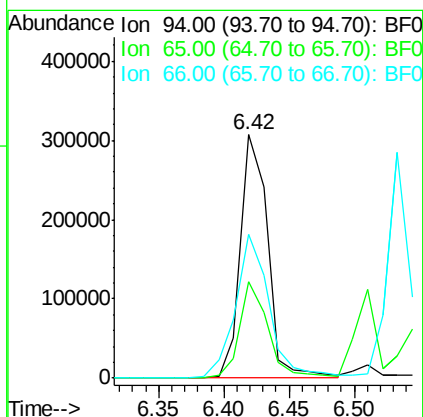
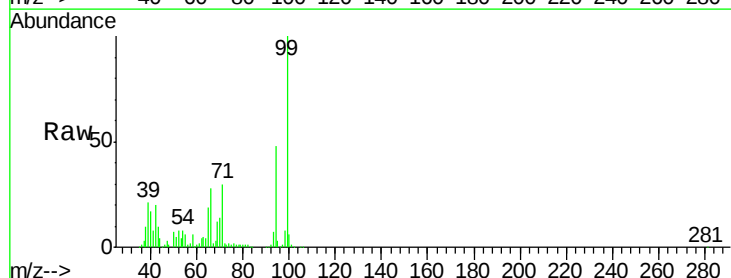
Tgt Ion: 94 Resp: 446697

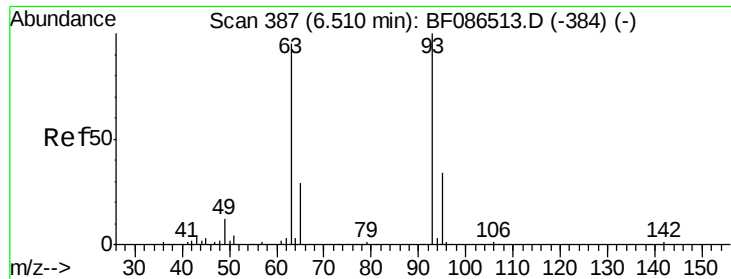
Ion Ratio Lower Upper

94 100

65 39.7 7.2 47.2

66 59.0 14.9 54.9#

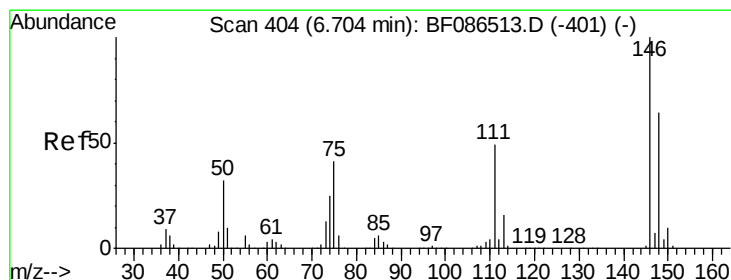
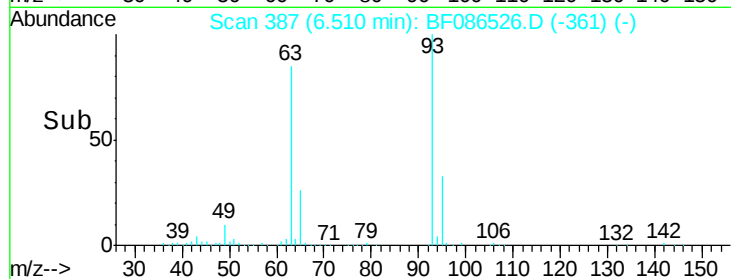
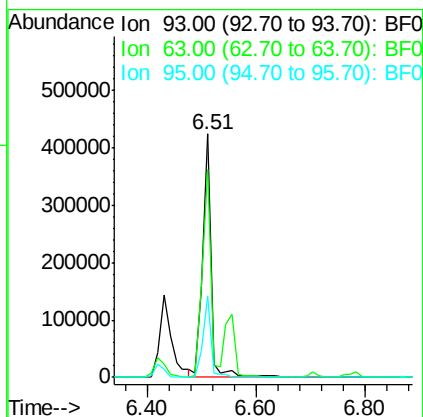
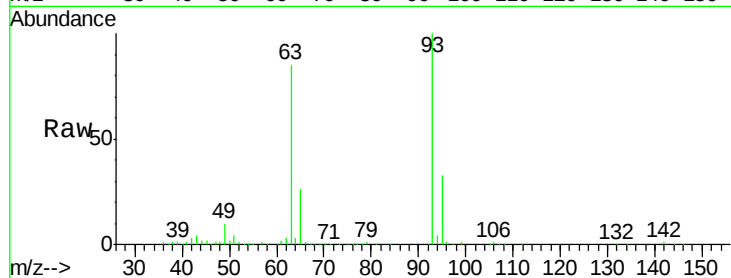




#11
bis(2-Chloroethyl)ether
Concen: 41.66 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

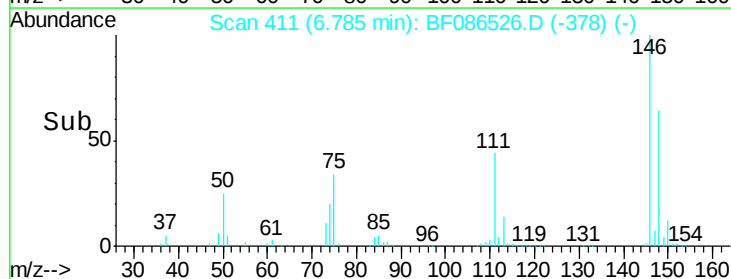
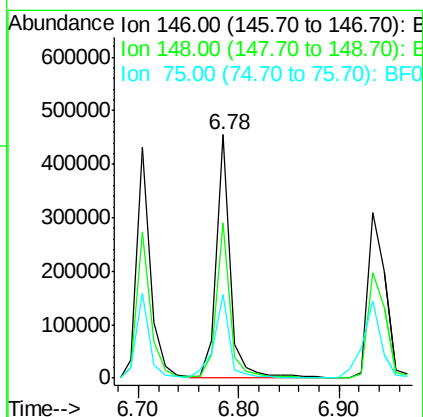
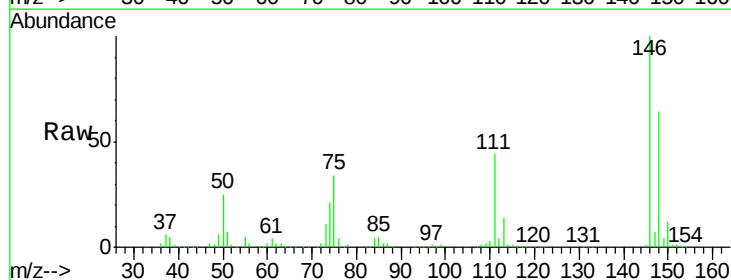
Instrument :
BNA_F
ClientSampleId :

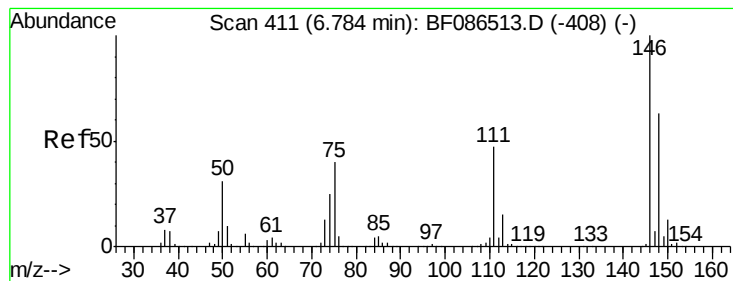
Tot Ion: 93 Resp: 447655
Ion Ratio Lower Upper
93 100
63 85.3 58.0 98.0
95 33.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.15 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.08 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion: 146 Resp: 429409
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
75 34.1 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 39.62 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampled :

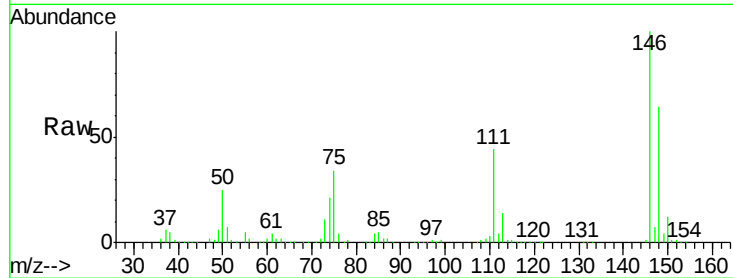
Tot Ion:146 Resp: 437134

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

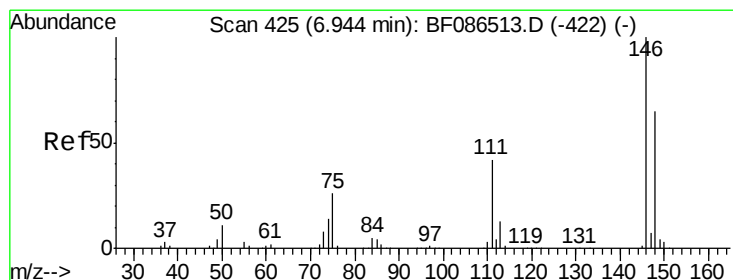
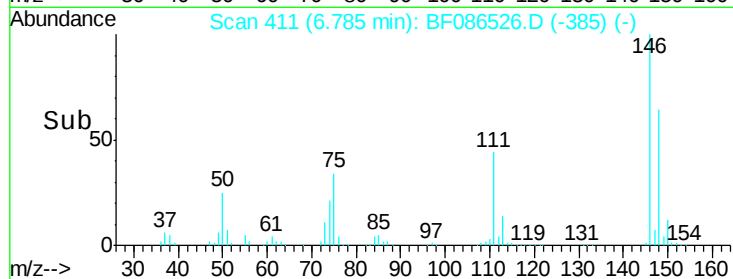
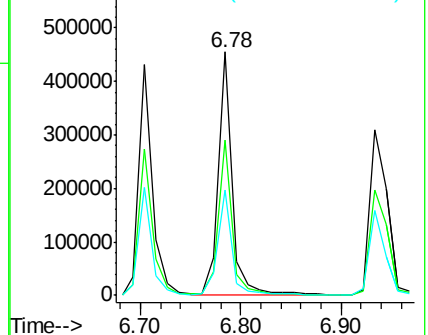
111 43.5 30.7 46.1



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: 37.90 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

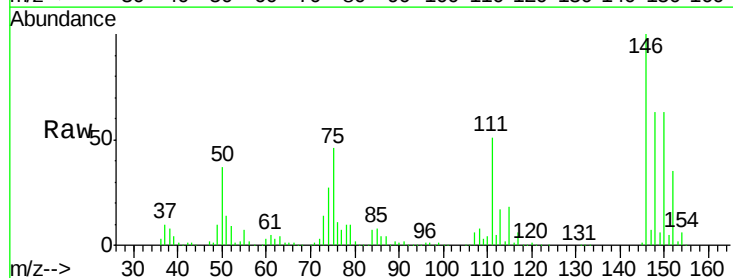
Tgt Ion:146 Resp: 383474

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

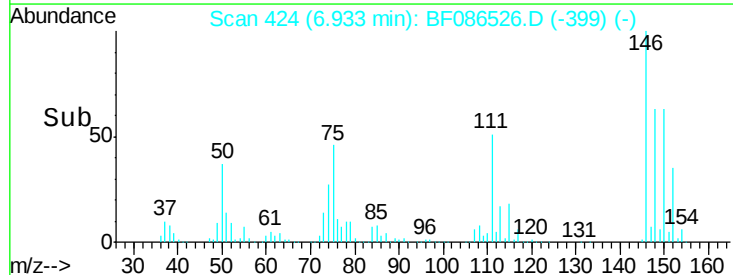
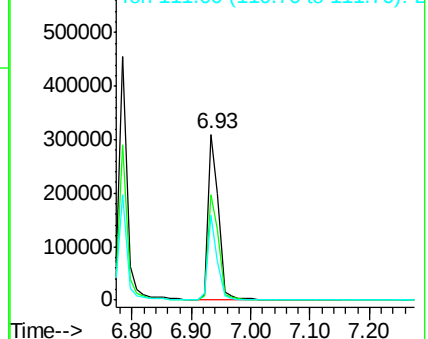
111 51.2 36.2 54.4

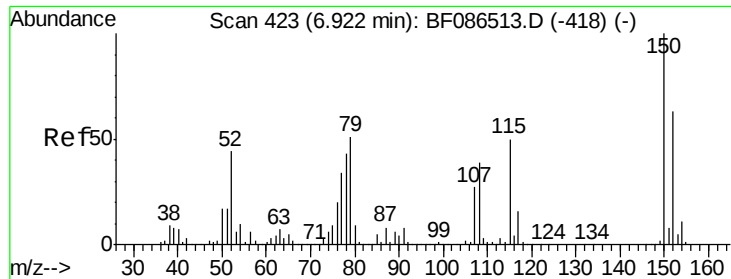


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.23 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

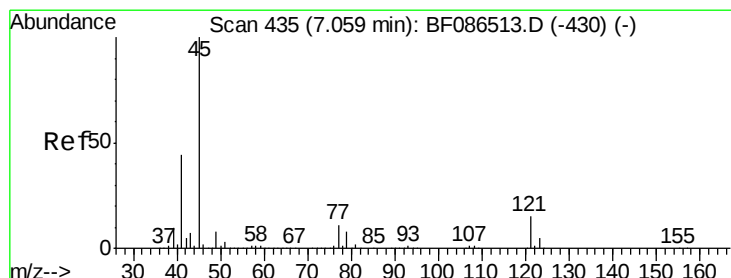
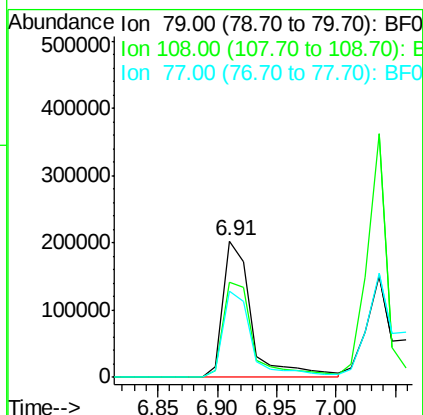
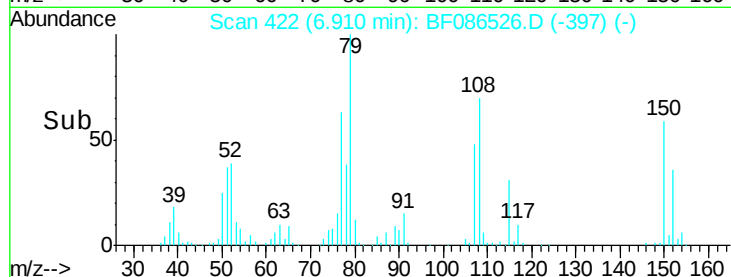
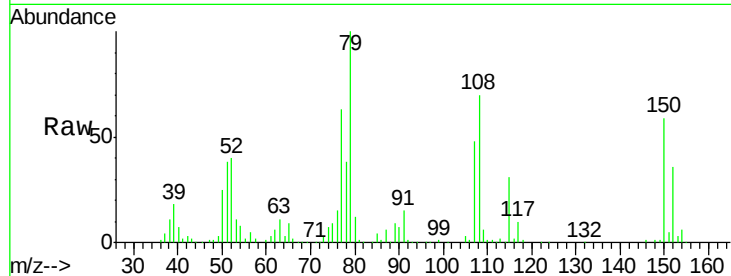
Tot Ion: 79 Resp: 339936

Ion Ratio Lower Upper

79 100

108 70.1 68.4 102.6

77 63.2 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.92 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

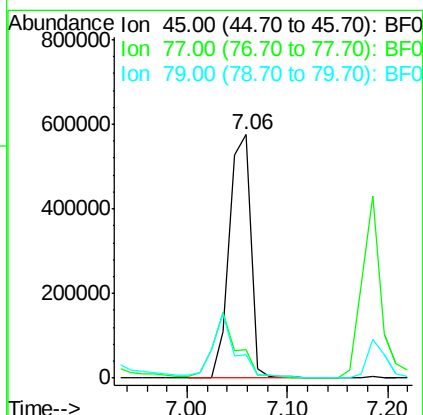
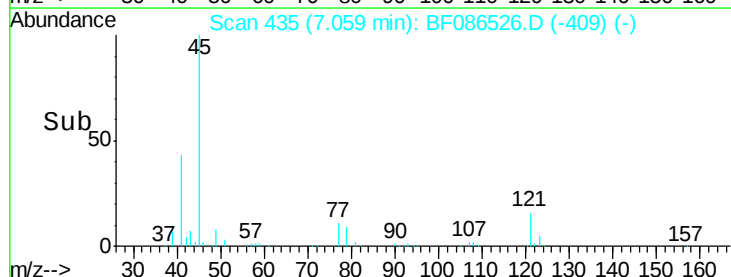
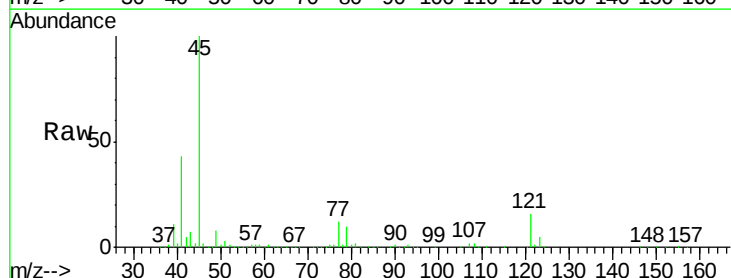
Tgt Ion: 45 Resp: 858528

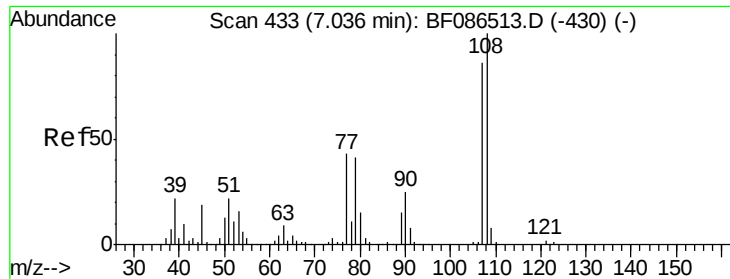
Ion Ratio Lower Upper

45 100

77 11.8 0.0 36.4

79 9.5 0.0 33.4





#17

2-Methylphenol

Concen: 44.64 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 358766

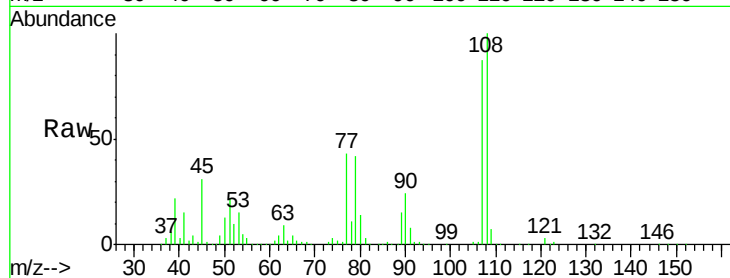
Ion Ratio Lower Upper

107 100

108 115.4 93.7 140.5

77 49.4 33.4 50.0

79 48.1 34.3 51.5

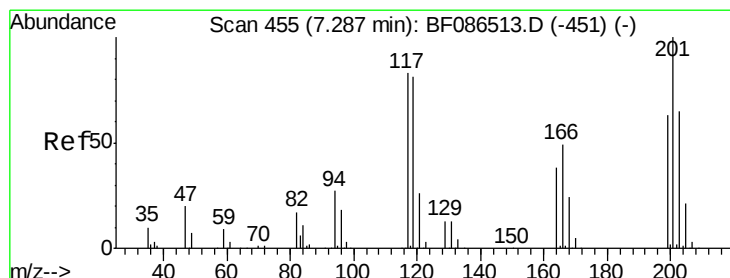
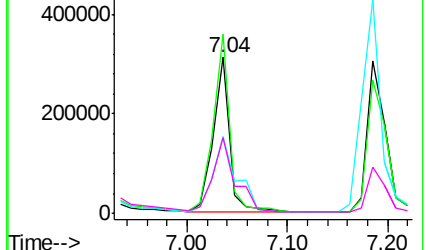
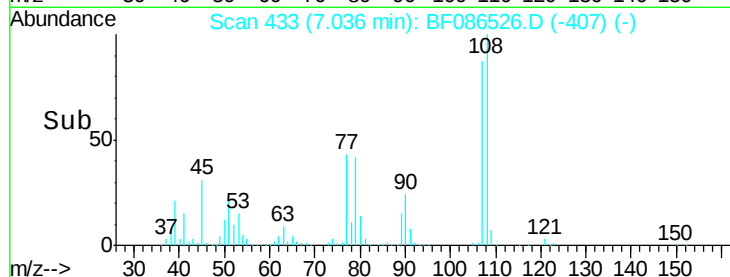


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.50 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

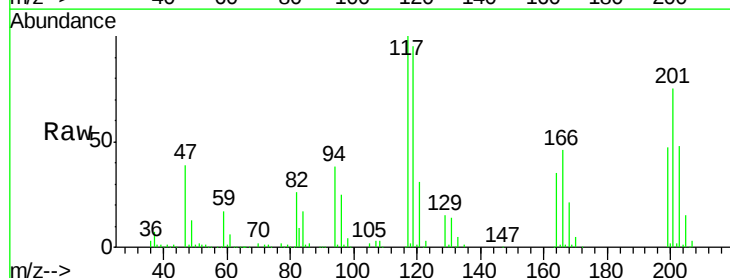
Tgt Ion:117 Resp: 154640

Ion Ratio Lower Upper

117 100

119 95.1 76.5 114.7

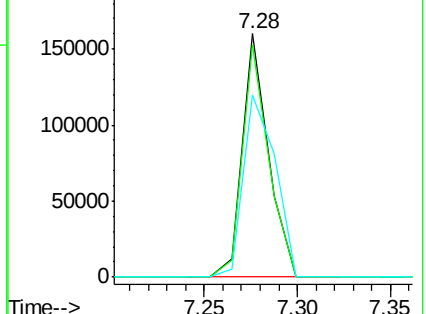
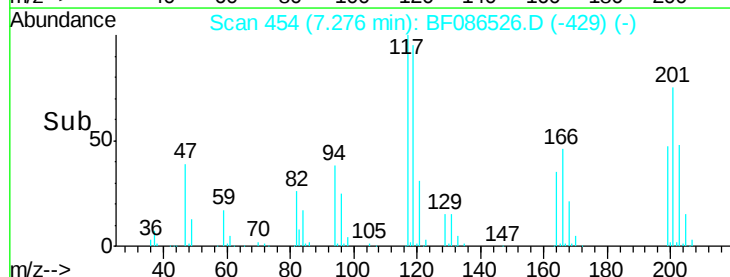
201 74.7 63.0 94.6

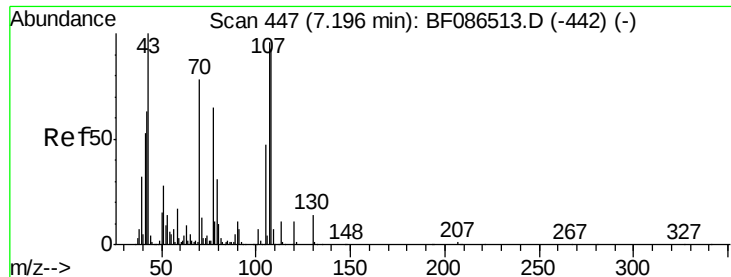


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

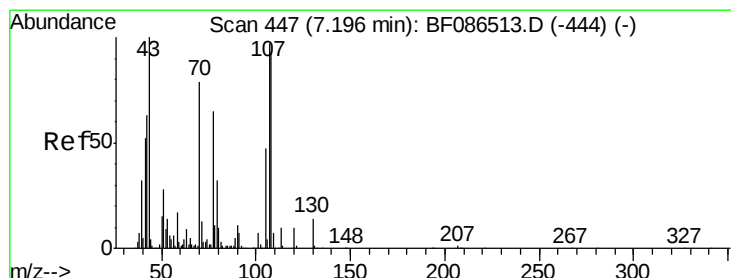
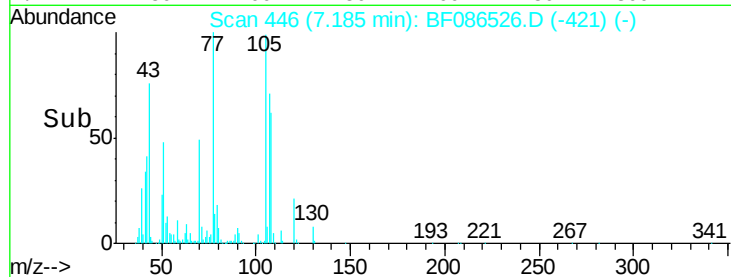
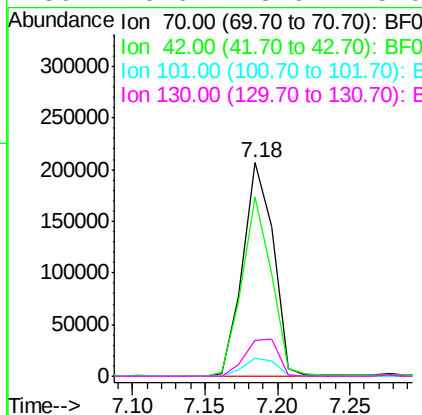
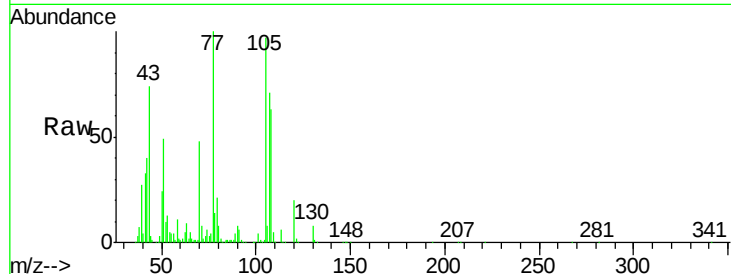




#19
n-Nitroso-di-n-propylamine
Concen: 41.25 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

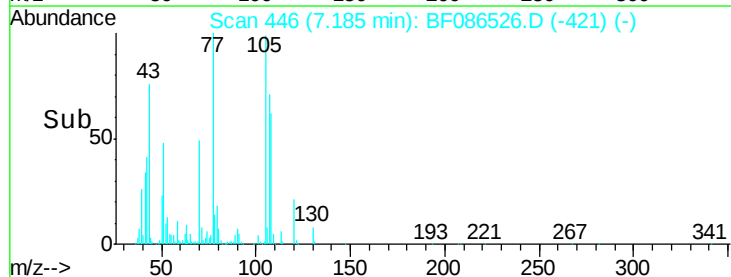
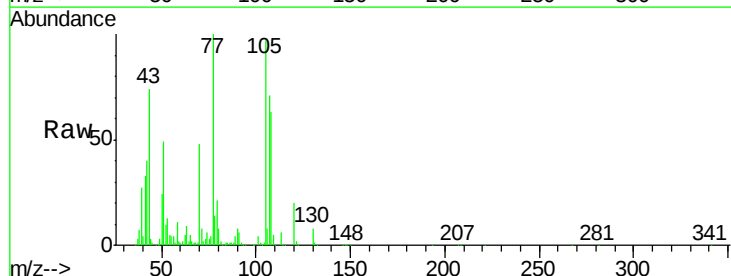
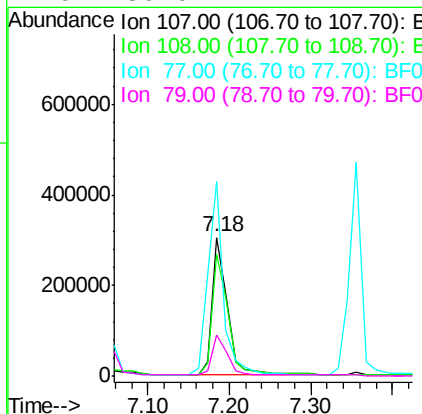
Instrument :
BNA_F
ClientSampleId :

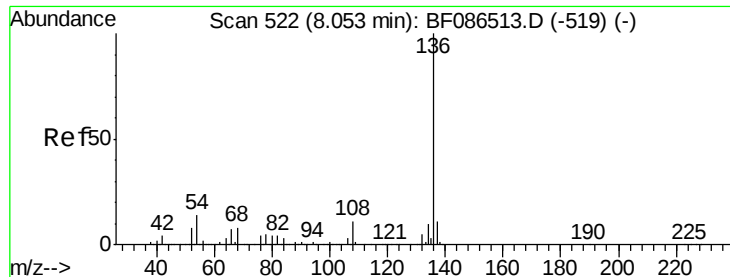
Tot Ion: 70 Resp: 303745
Ion Ratio Lower Upper
70 100
42 83.9 43.1 64.7#
101 8.3 8.1 12.1
130 16.6 18.6 28.0#



#20
3+4-Methylphenols
Concen: 44.69 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:107 Resp: 410011
Ion Ratio Lower Upper
107 100
108 87.9 68.5 108.5
77 140.5 101.6 141.6
79 30.0 7.4 47.4

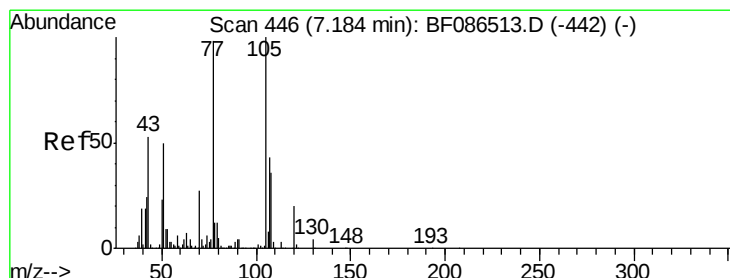
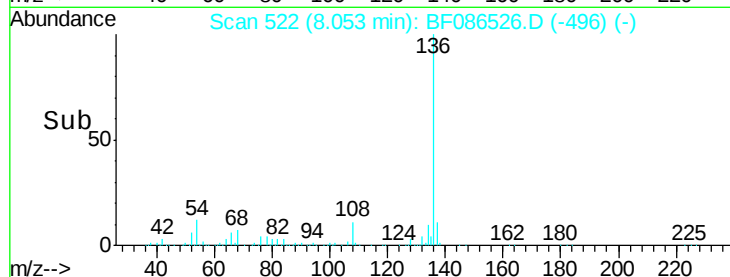
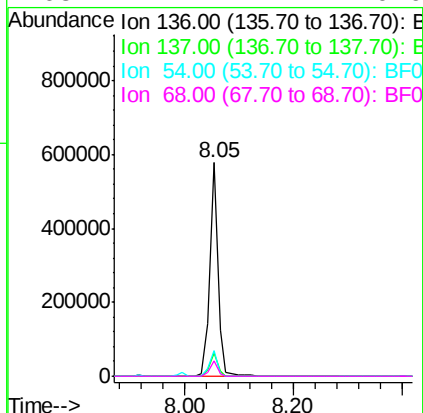
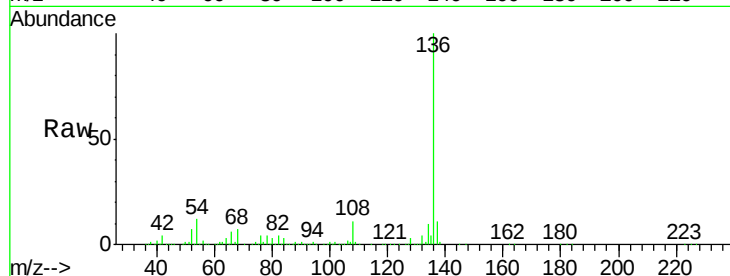




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

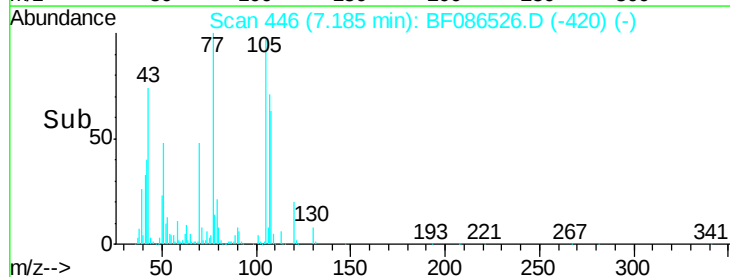
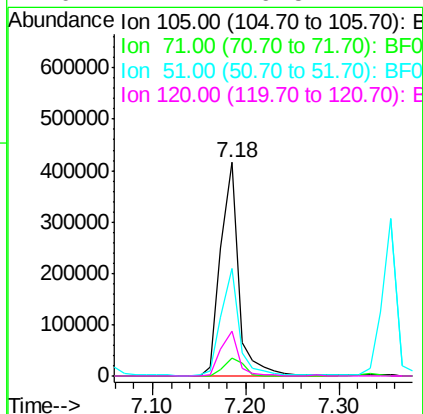
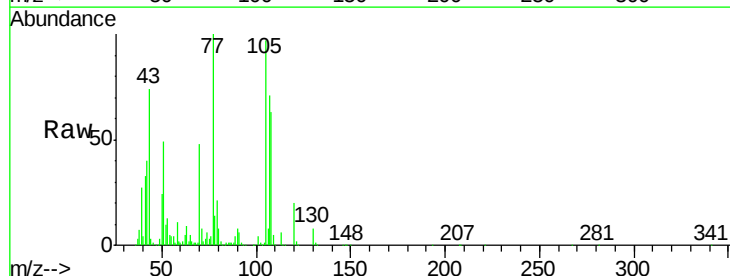
Instrument :
BNA_F
ClientSampleId :

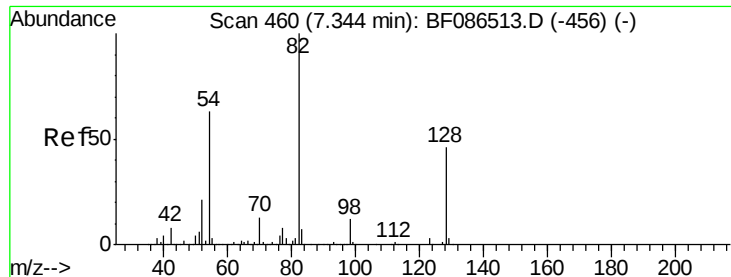
Tot Ion:136	Resp:	606884
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	12.0	5.0 7.4#
68	7.1	4.4 6.6#



#22
Acetophenone
Concen: 42.56 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:105	Resp:	566337
Ion	Ratio	Lower Upper
105	100	
71	8.3	4.8 7.2#
51	50.2	32.6 49.0#
120	21.2	16.5 24.7

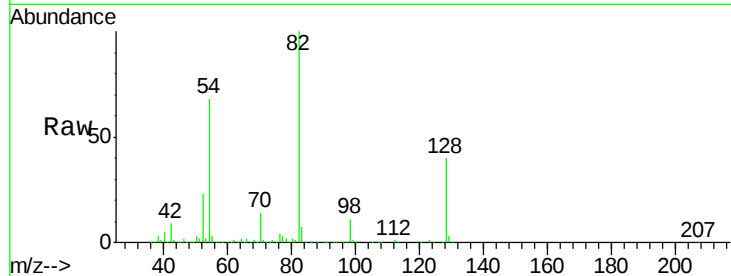




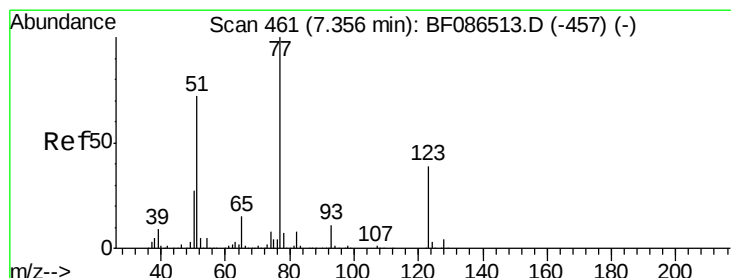
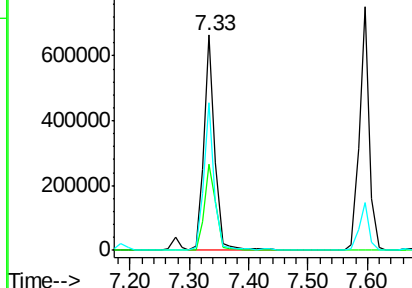
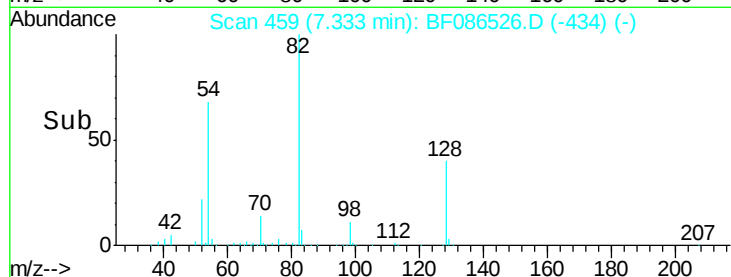
#23
Nitrobenzene-d5
Concen: 78.44 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 883131
Ion Ratio Lower Upper
82 100
128 40.1 40.6 61.0#
54 68.4 38.1 57.1#

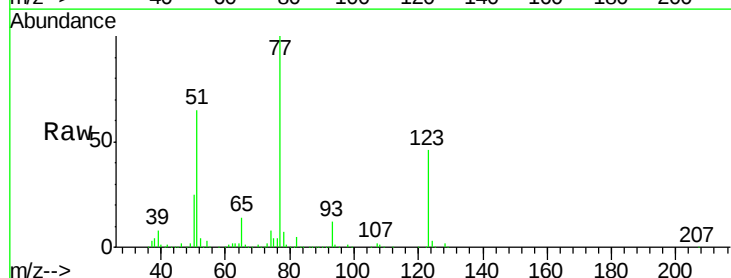


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

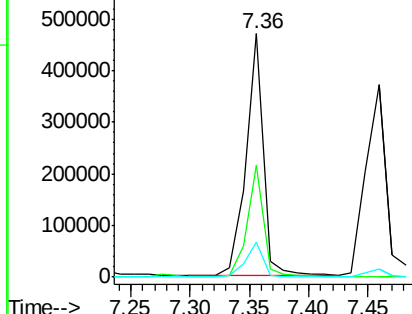
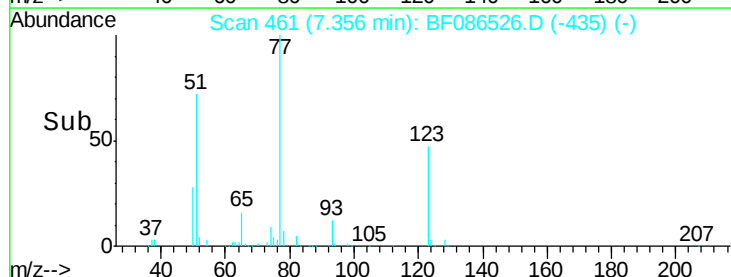


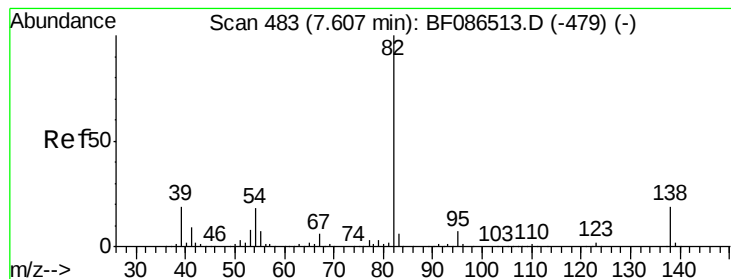
#24
Nitrobenzene
Concen: 41.41 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion: 77 Resp: 479644
Ion Ratio Lower Upper
77 100
123 46.0 33.0 49.4
65 14.3 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.46 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampled :

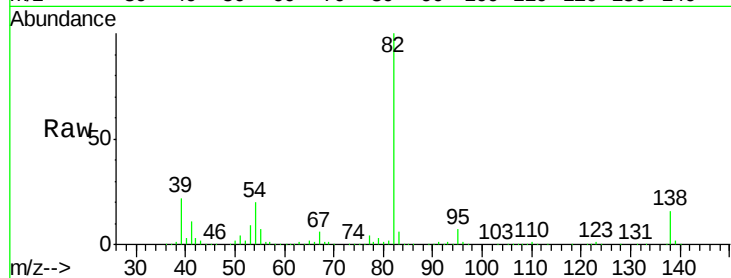
Tot Ion: 82 Resp: 855057

Ion Ratio Lower Upper

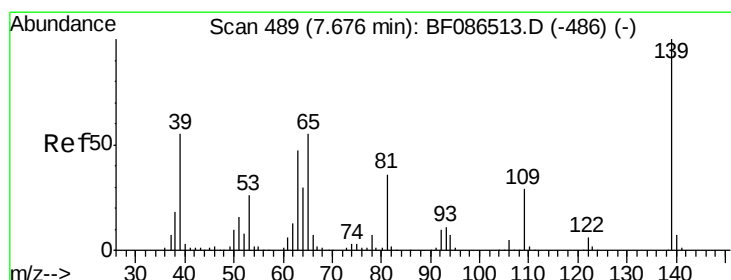
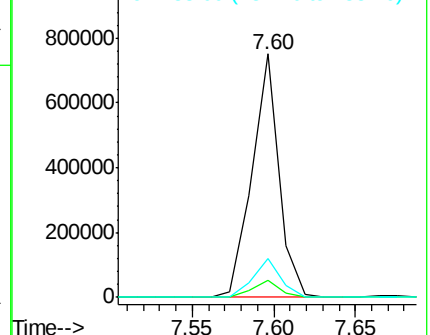
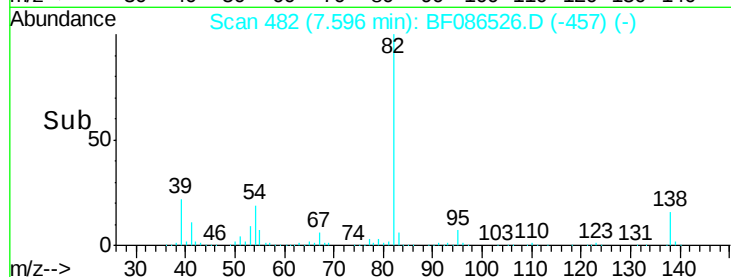
82 100

95 7.0 5.1 7.7

138 15.9 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: 41.74 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

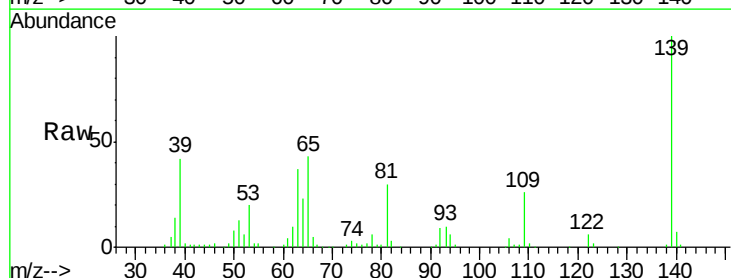
Tgt Ion: 139 Resp: 222583

Ion Ratio Lower Upper

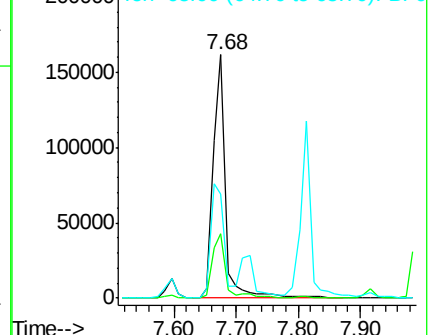
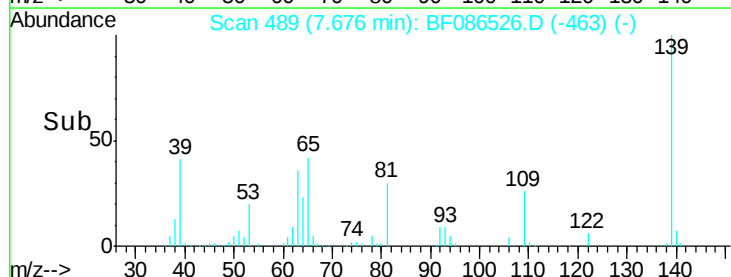
139 100

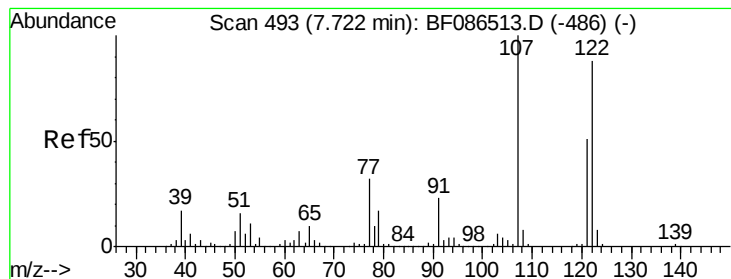
109 26.4 19.5 29.3

65 42.9 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: 42.06 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

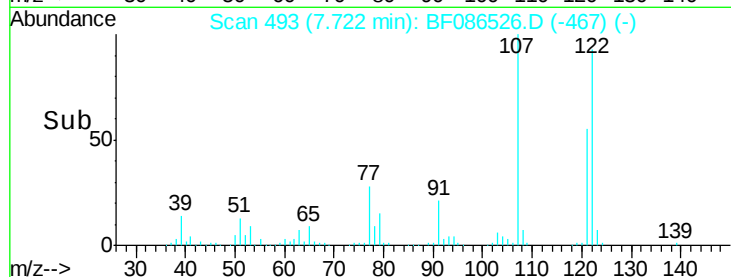
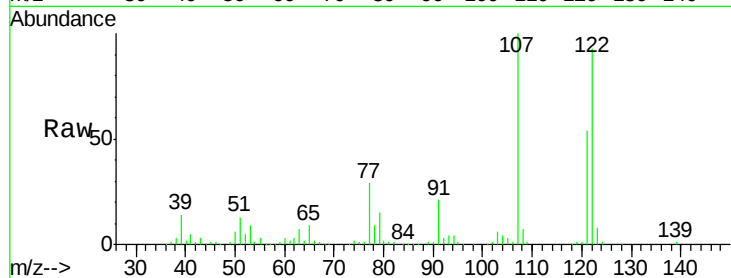
Tot Ion:122 Resp: 393541

Ion Ratio Lower Upper

122 100

107 107.6 82.0 123.0

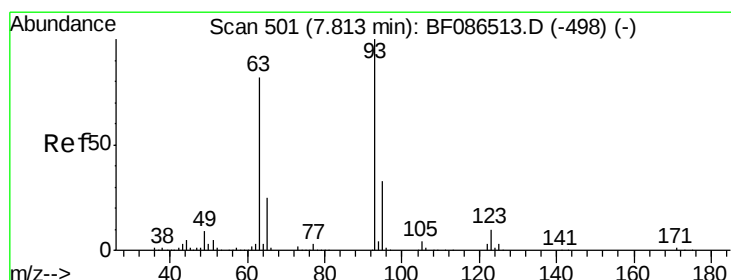
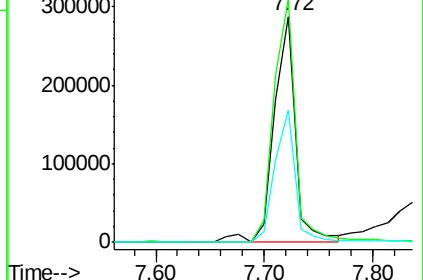
121 58.6 46.1 69.1



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: 45.81 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

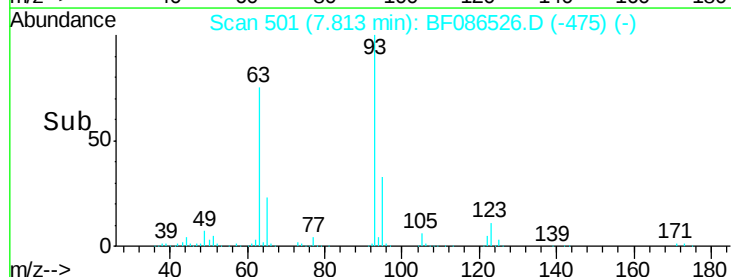
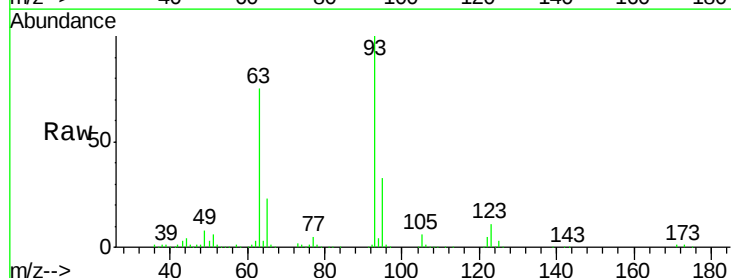
Tgt Ion: 93 Resp: 540783

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

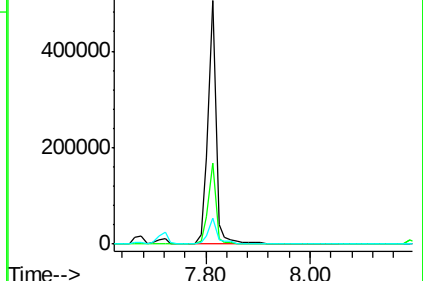
123 10.7 9.5 14.3

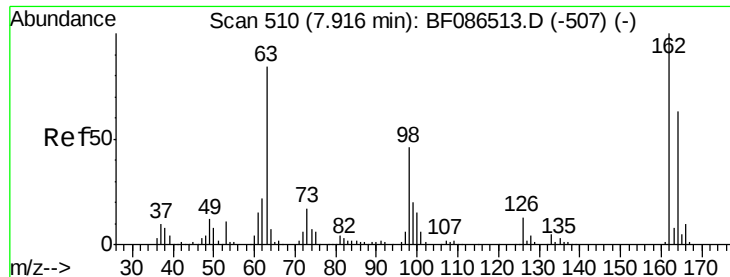


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

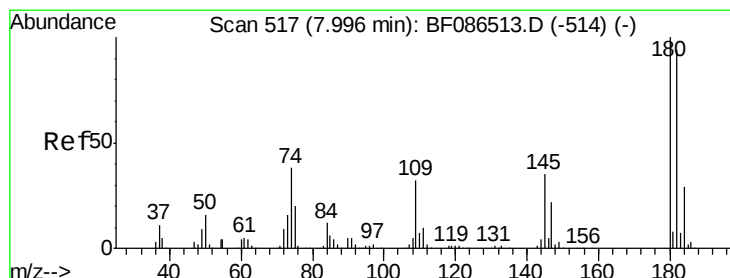
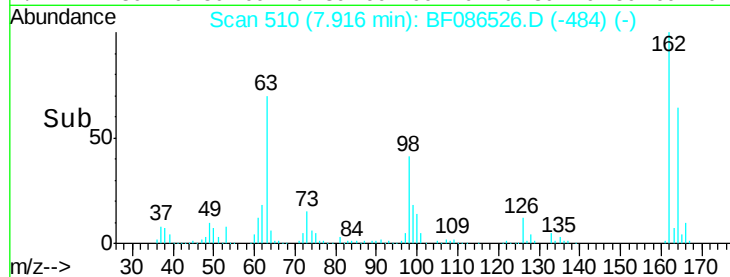
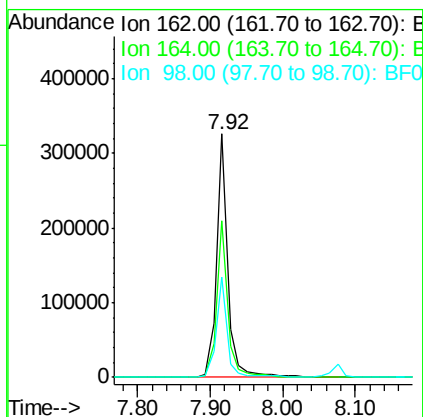
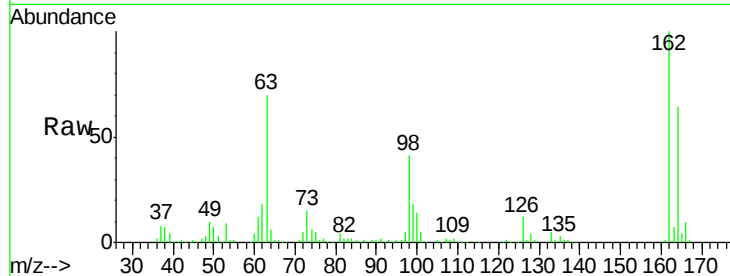




#29
 2,4-Dichlorophenol
 Concen: 44.63 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

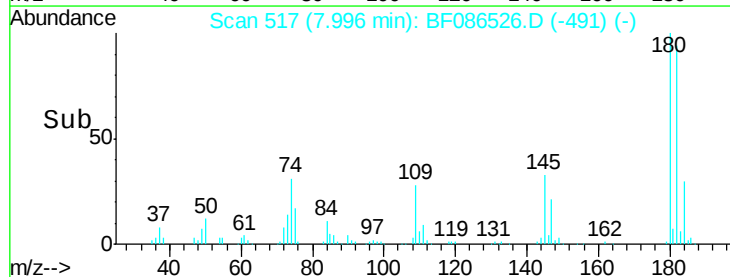
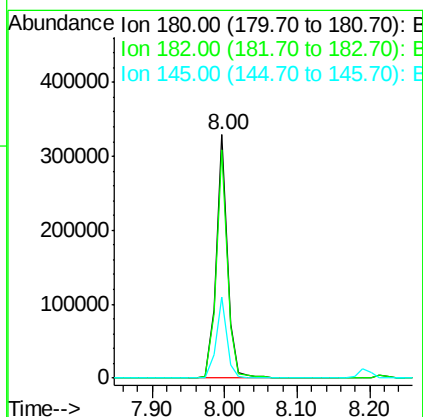
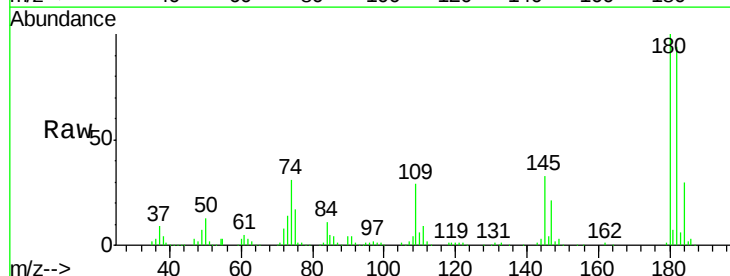
Instrument :
 BNA_F
 ClientSampleId :

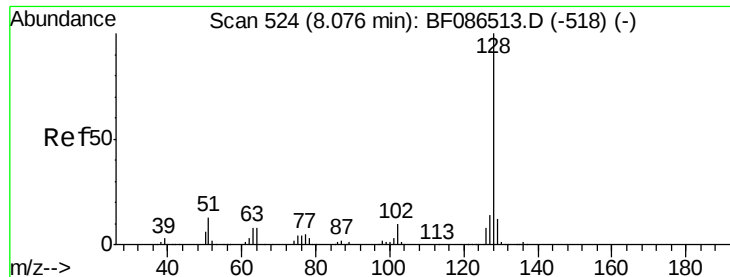
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.2	82.2
98	41.0	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.59 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.0	117.0
145	33.3	24.2	36.2

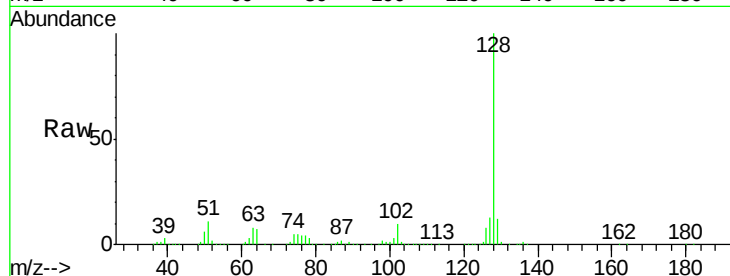




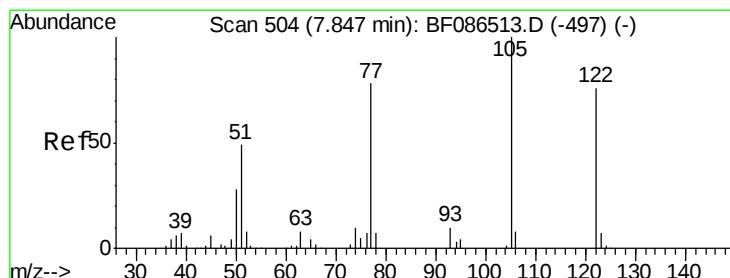
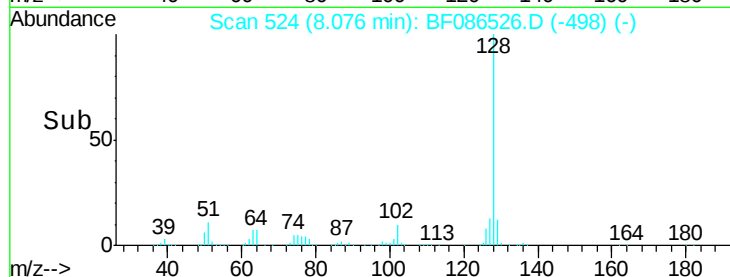
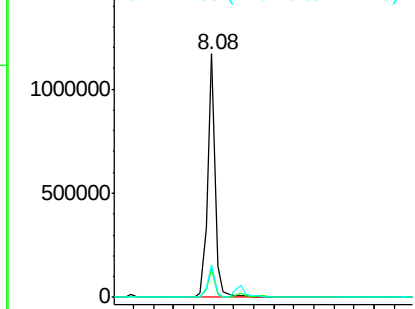
#31
Naphthalene
Concen: 39.19 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1210169
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.4 10.8 16.2

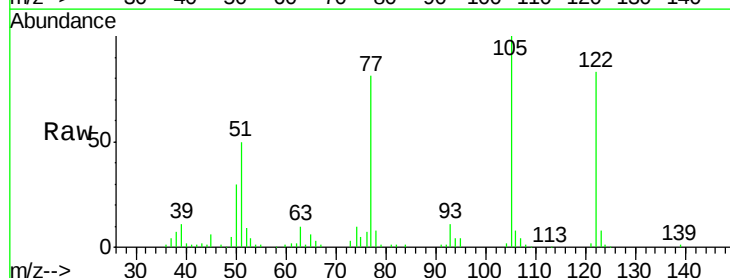


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

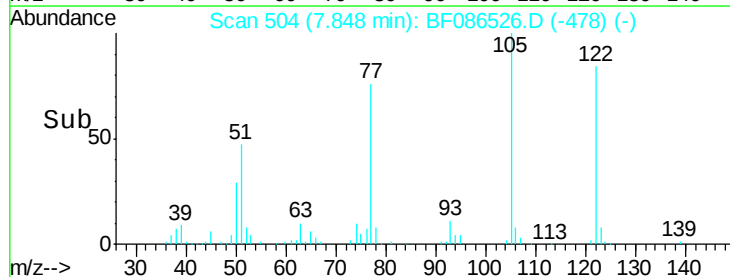
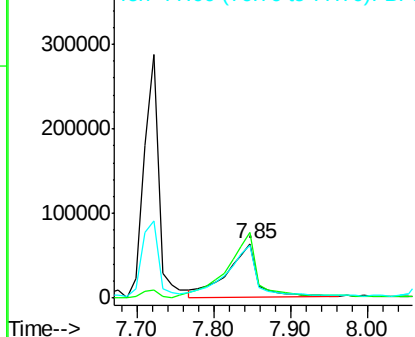


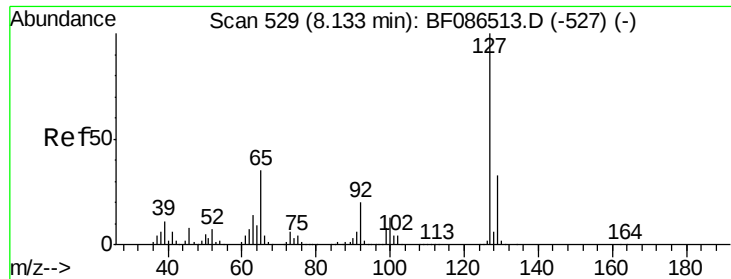
#32
Benzoic acid
Concen: 33.54 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:122 Resp: 171695
Ion Ratio Lower Upper
122 100
105 120.5 92.6 132.6
77 97.2 60.0 100.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

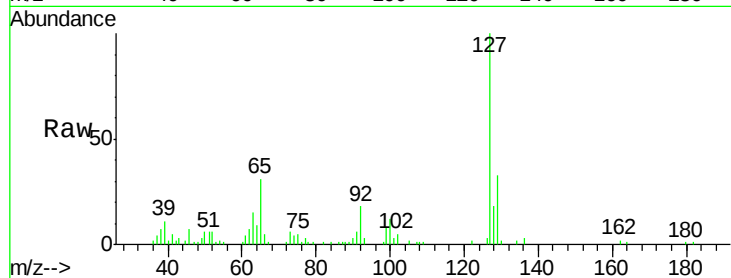




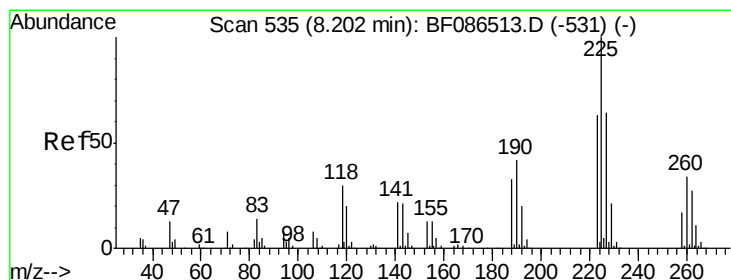
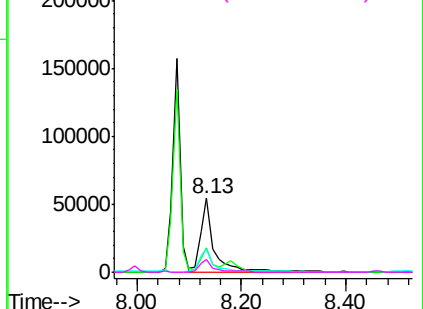
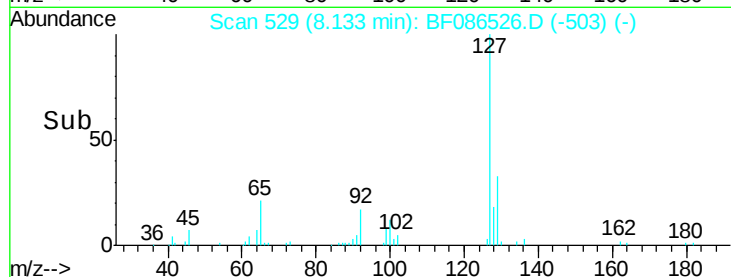
#33
4-Chloroaniline
Concen: 8.39 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	97073	
Ion Ratio	Lower	Upper	
127 100			
129 33.5	26.2	39.4	
65 30.7	23.0	34.4	
92 18.0	15.1	22.7	

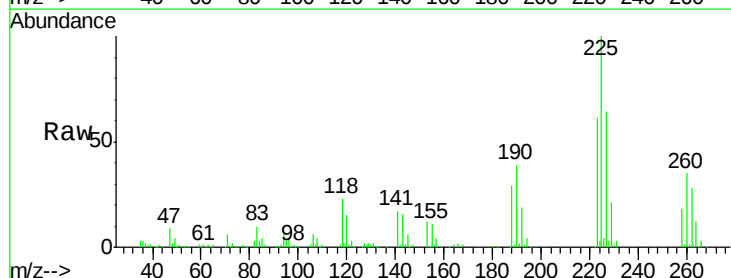


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

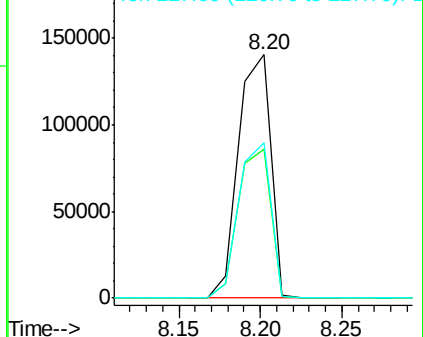
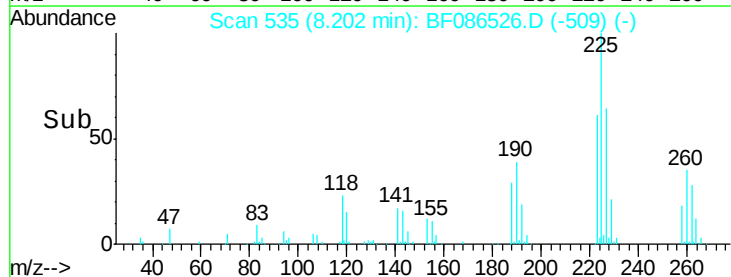


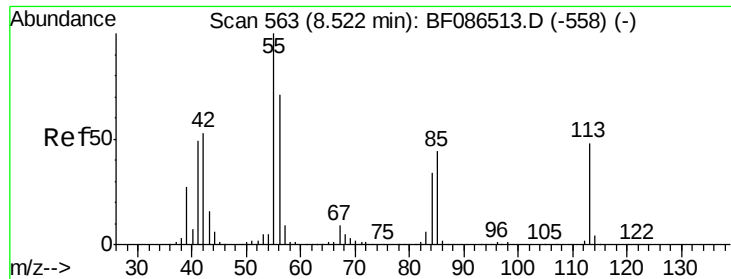
#34
Hexachlorobutadiene
Concen: 37.41 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt	Ion:225	Resp:	192085
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.5	77.3
227	63.8	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

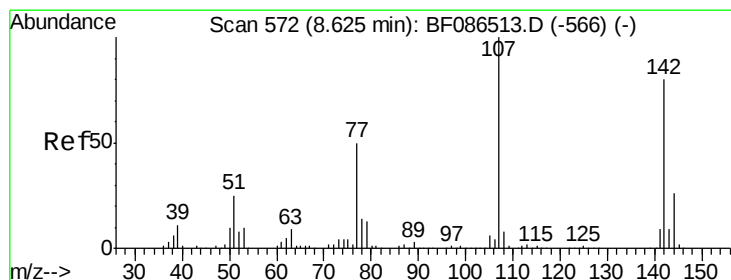
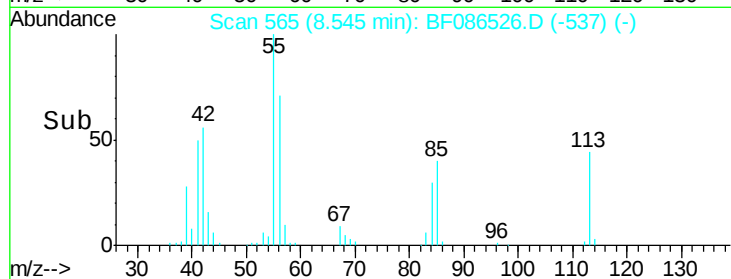
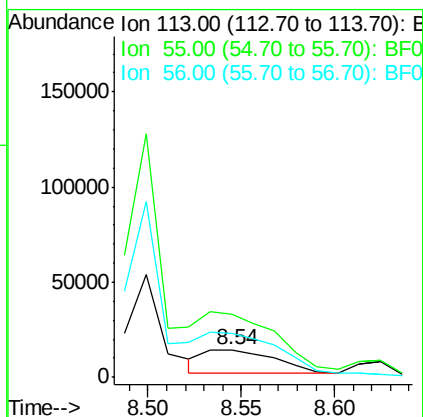
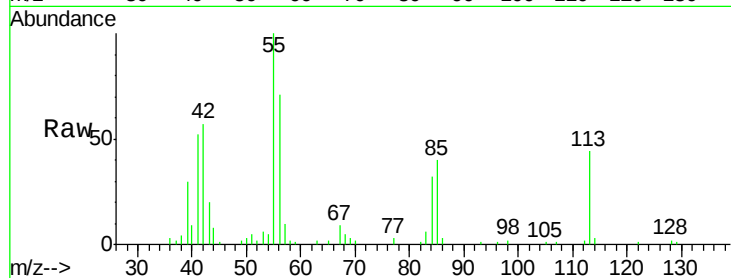




#35
 Caprolactam
 Concen: 12.49 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

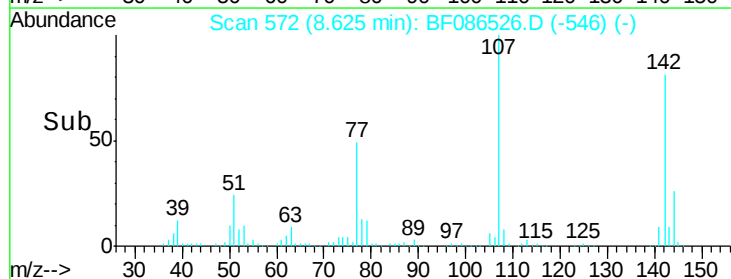
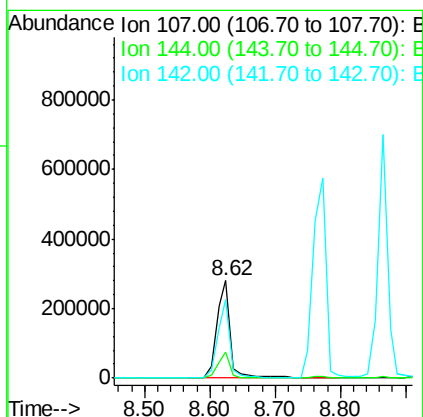
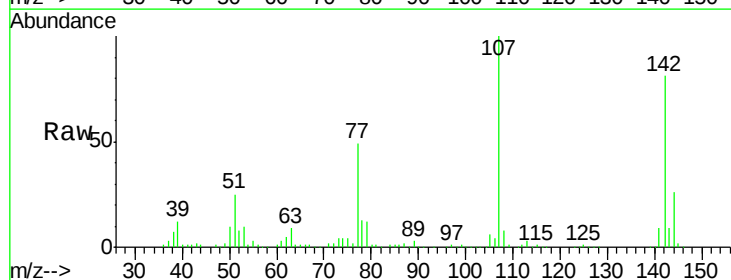
Instrument :
 BNA_F
 ClientSampled :

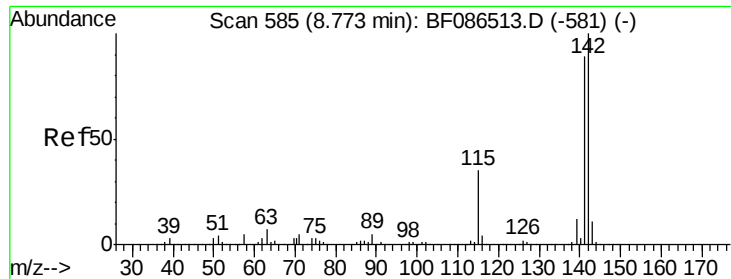
Tot Ion:113 Resp: 32888
 Ion Ratio Lower Upper
 113 100
 55 226.6 162.0 202.0#
 56 159.8 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 45.48 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:107 Resp: 411110
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.7 31.1
 142 81.2 63.2 94.8

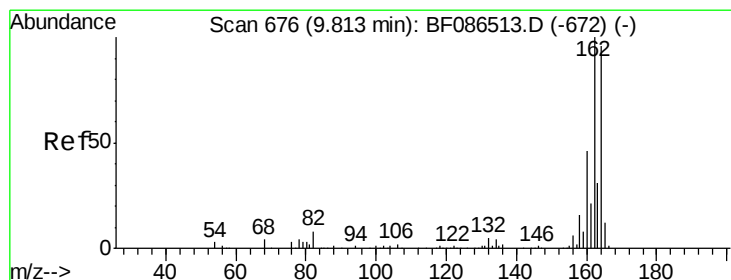
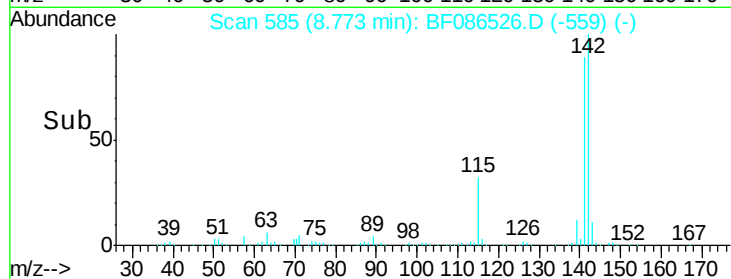
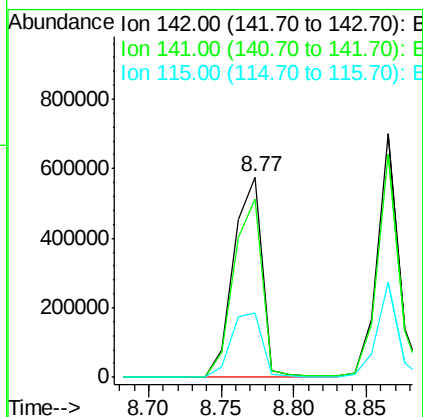
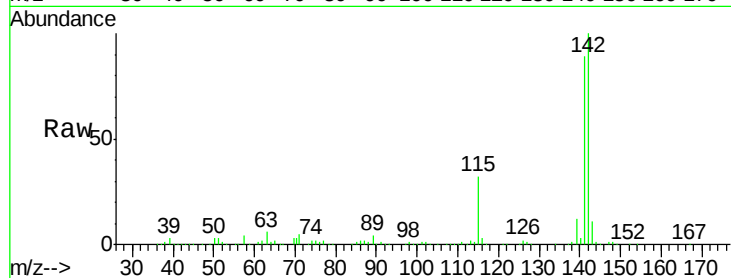




#37
2-Methylnaphthalene
Concen: 43.44 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

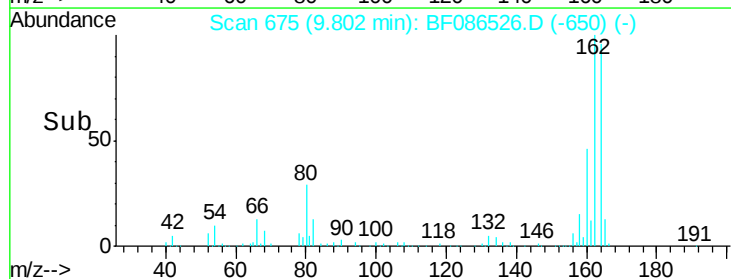
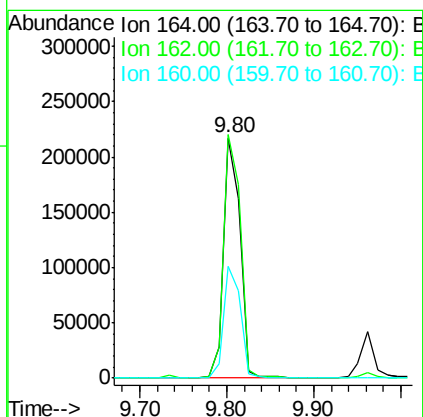
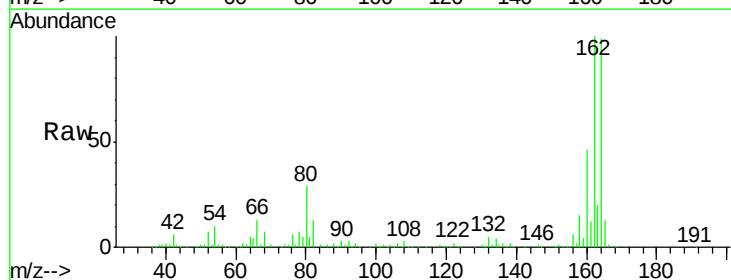
Instrument :
BNA_F
ClientSampled :

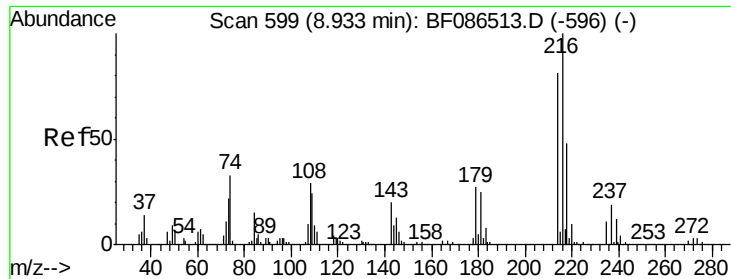
Tot Ion:142 Resp: 791519
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 32.2 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:164 Resp: 289845
Ion Ratio Lower Upper
164 100
162 101.3 82.8 124.2
160 46.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.45 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086526.D

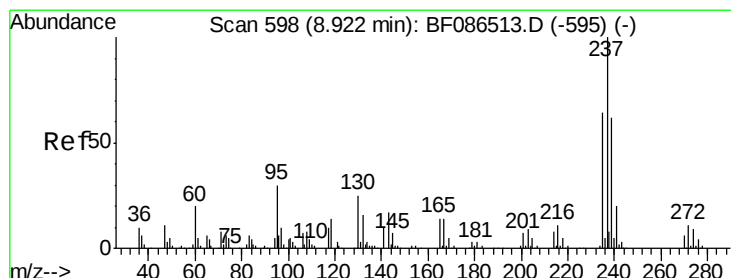
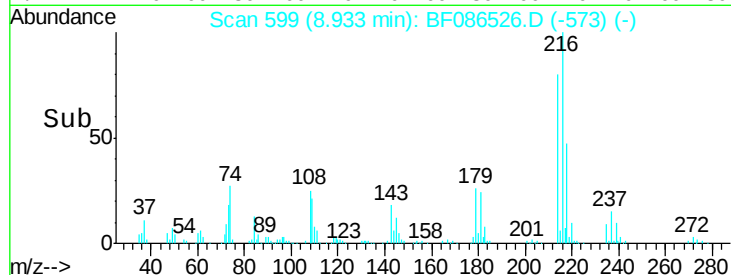
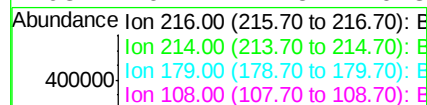
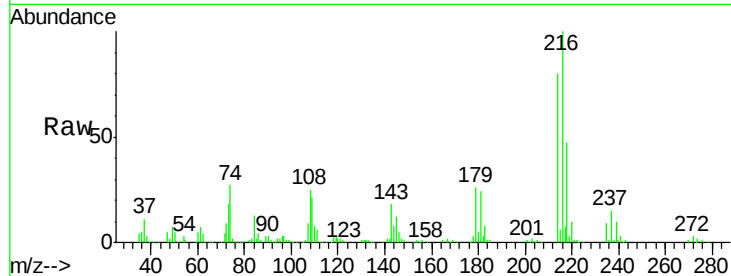
Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	302397
Ion	Ratio	Lower	Upper
216	100		
214	80.1	62.6	93.8
179	24.0	18.2	27.4
108	26.7	17.5	26.3#



#40

Hexachlorocyclopentadiene

Concen: 77.00 ng

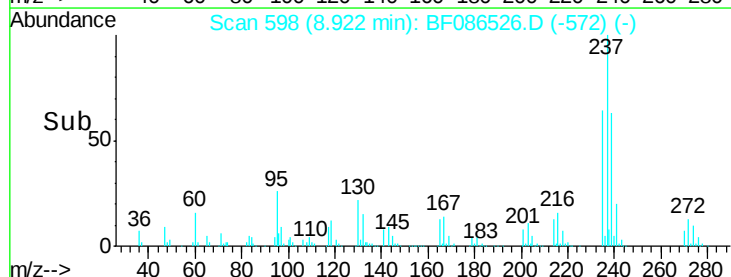
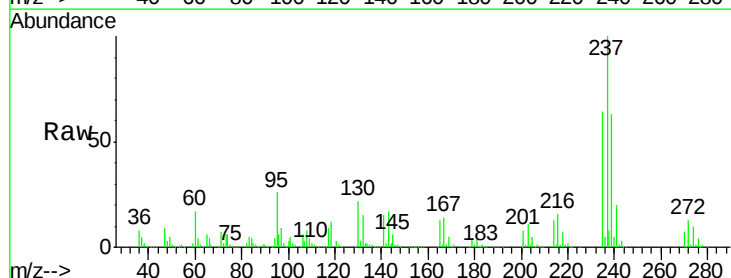
RT: 8.92 min Scan# 598

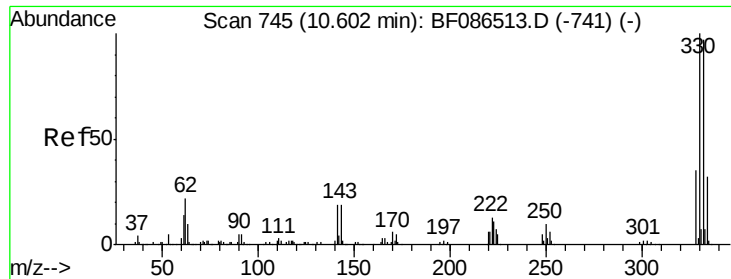
Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:	237	Resp:	317456
Ion	Ratio	Lower	Upper
237	100		
235	63.7	47.2	87.2
272	12.5	0.0	31.1

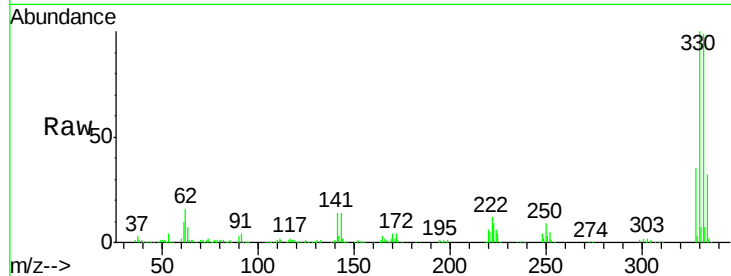




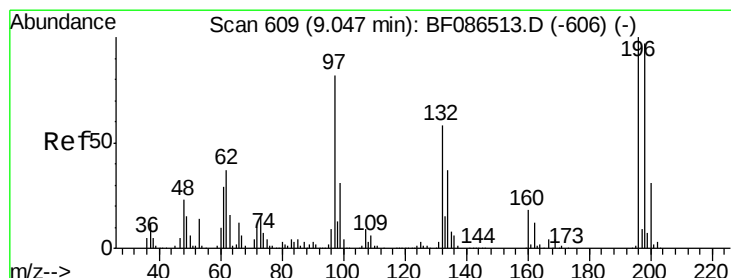
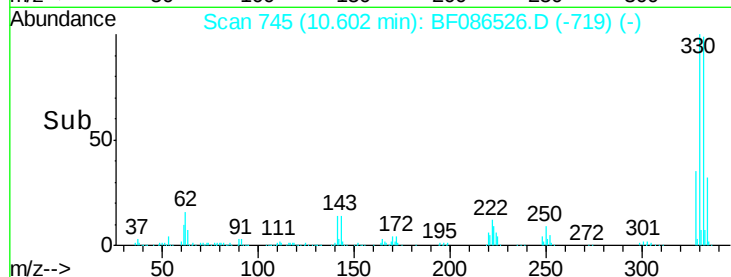
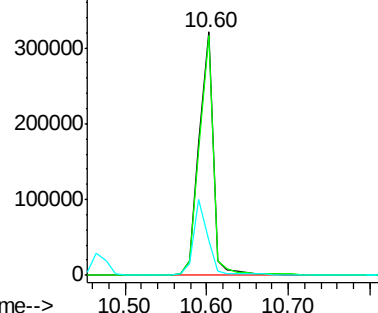
#41
 2,4,6-Tribromophenol
 Concen: 126.79 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.0	118.4
141	30.4	31.2	46.8#

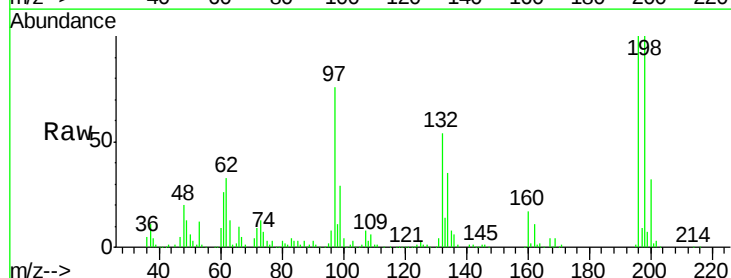


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

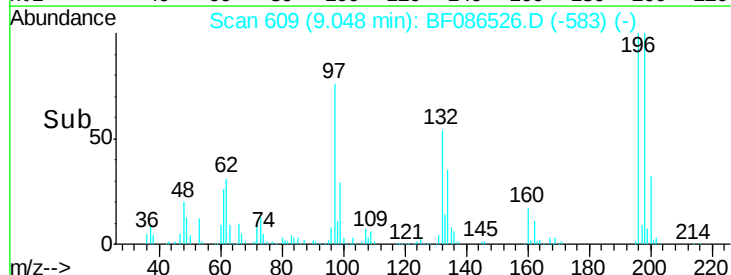
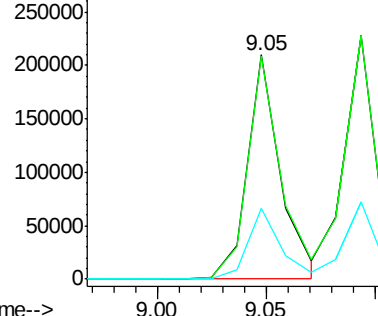


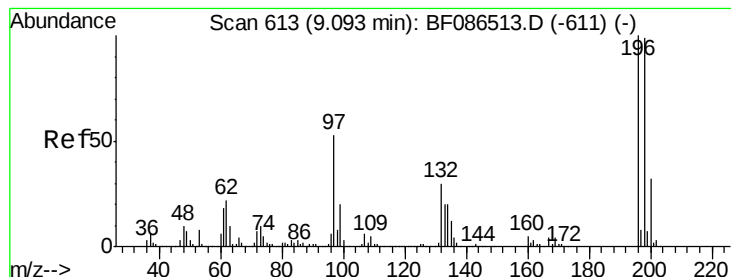
#42
 2,4,6-Trichlorophenol
 Concen: 42.57 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	74.7	112.1
200	31.8	23.8	35.6



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

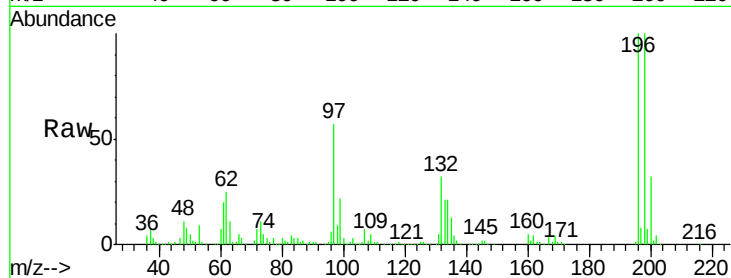




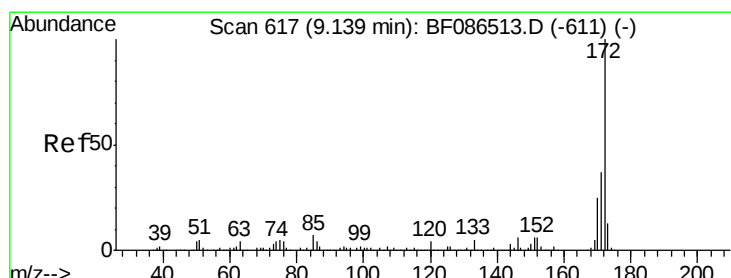
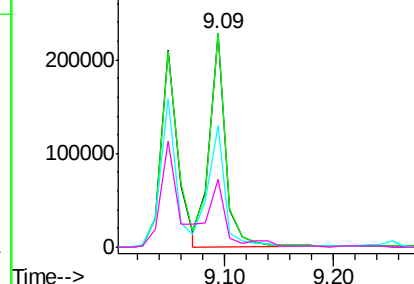
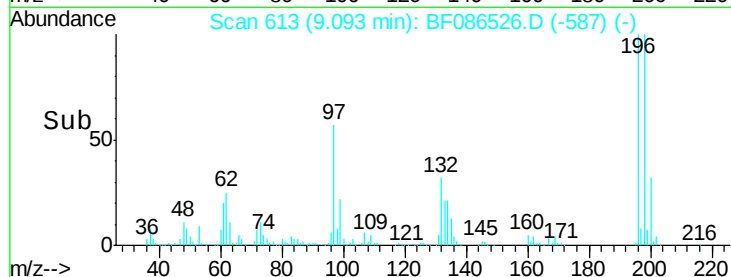
#43
 2,4,5-Trichlorophenol
 Concen: 41.81 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 238980
 Ion Ratio Lower Upper
 196 100
 198 99.9 77.5 116.3
 97 56.8 34.8 52.2#
 132 31.5 23.0 34.4

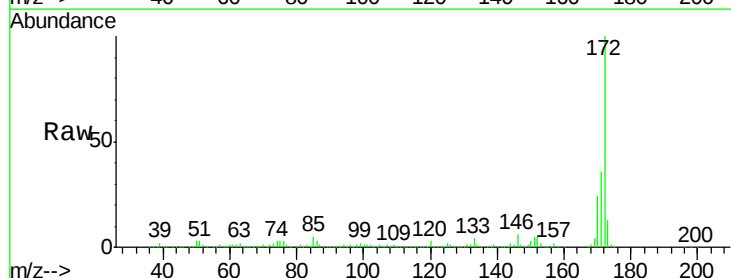


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

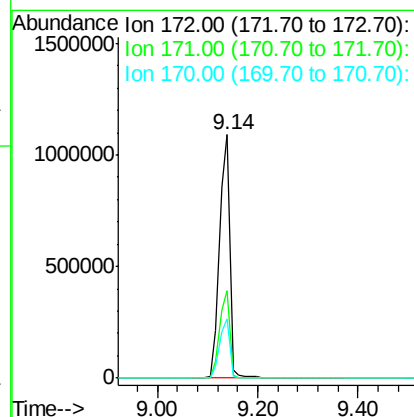
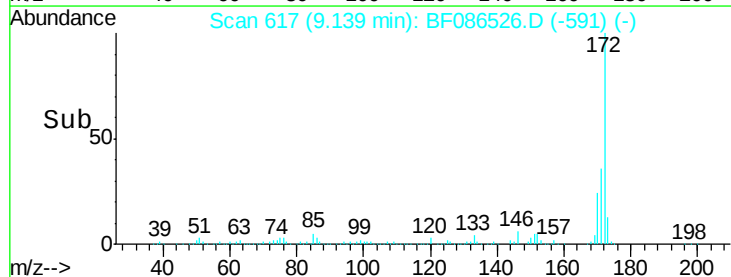


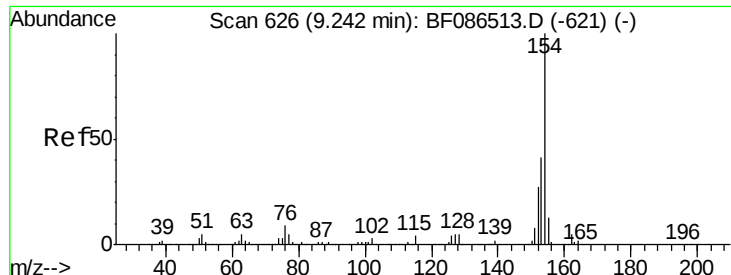
#44
 2-Fluorobiphenyl
 Concen: 96.18 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:172 Resp: 1549644
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 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

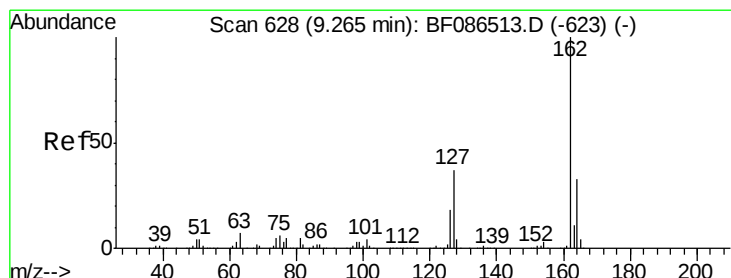
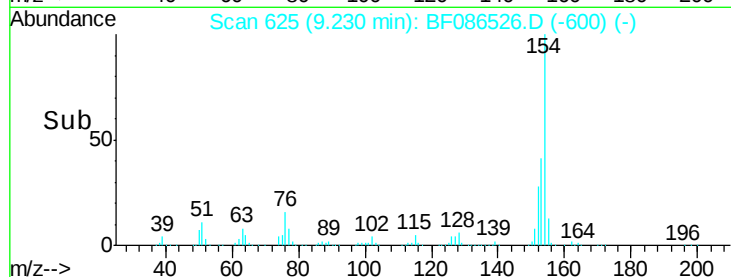
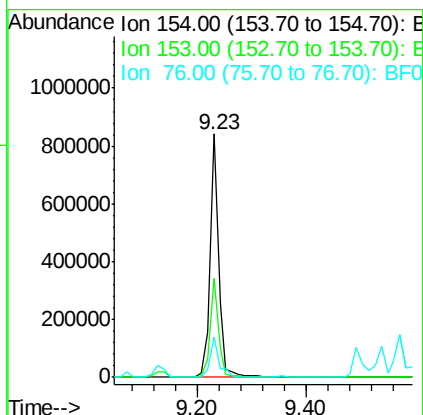
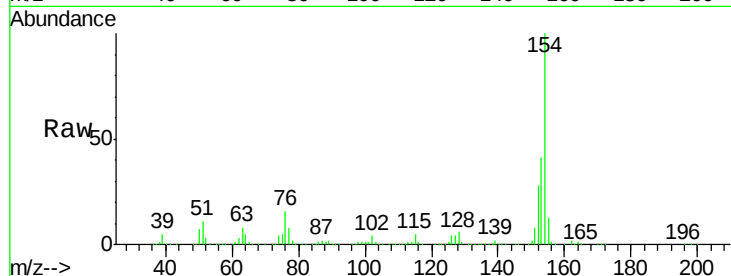




#45
 1,1'-Biphenyl
 Concen: 38.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

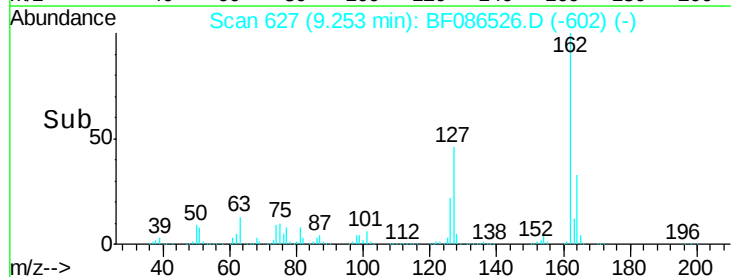
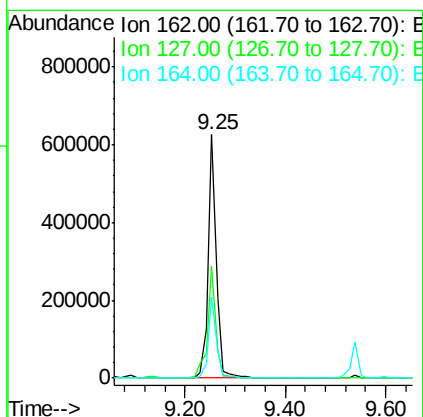
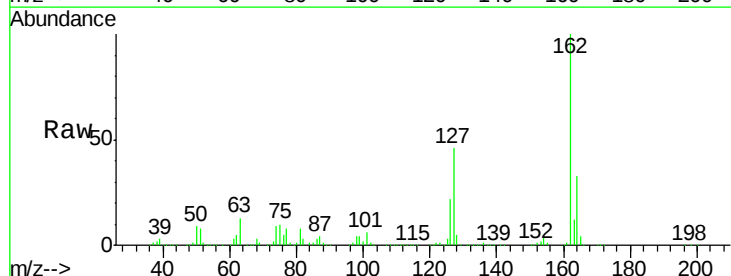
Instrument :
 BNA_F
 ClientSampleId :

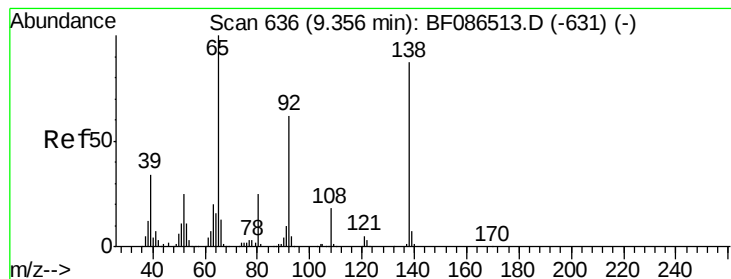
Tot Ion:154 Resp: 929404
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.3 60.3
 76 16.2 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 38.39 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:162 Resp: 707161
 Ion Ratio Lower Upper
 162 100
 127 46.0 31.8 47.6
 164 33.3 27.0 40.6





#47

2-Nitroaniline

Concen: 49.01 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

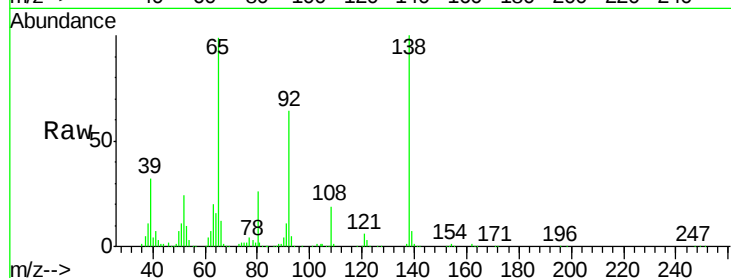
Tot Ion: 65 Resp: 289485

Ion Ratio Lower Upper

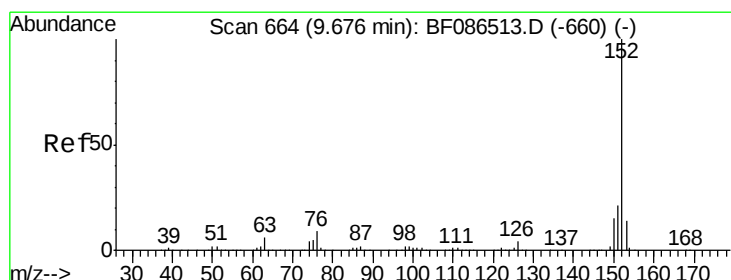
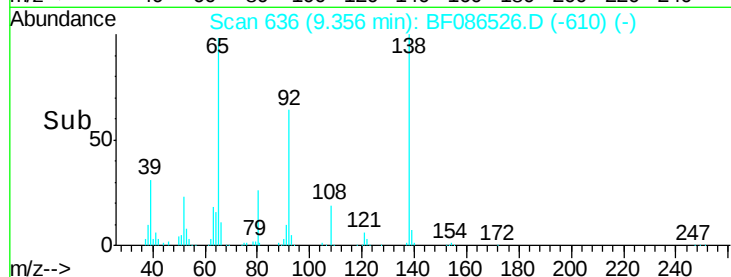
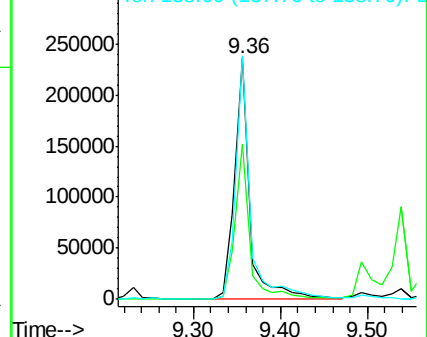
65 100

92 64.5 57.4 86.2

138 101.1 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: 38.95 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

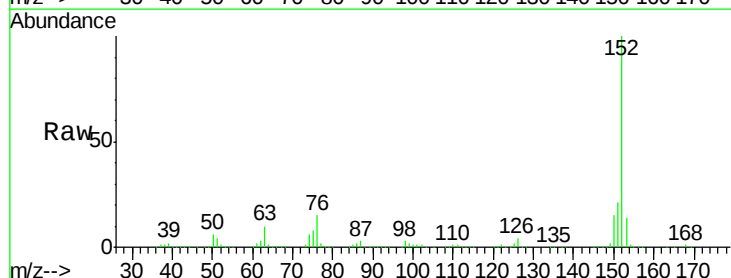
Tgt Ion:152 Resp: 1121363

Ion Ratio Lower Upper

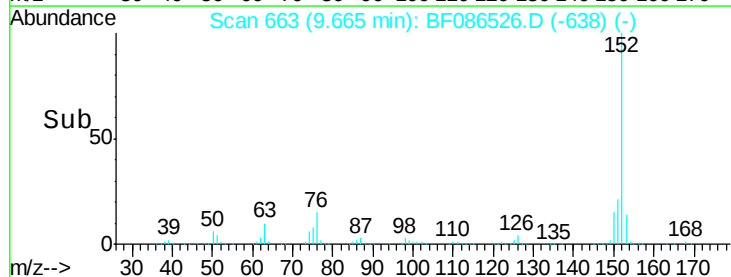
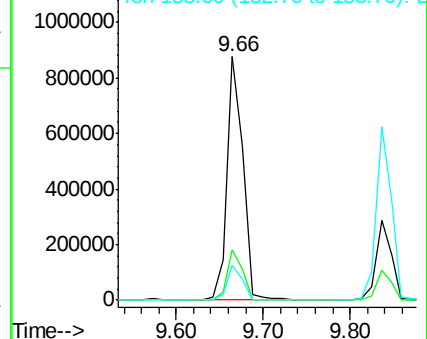
152 100

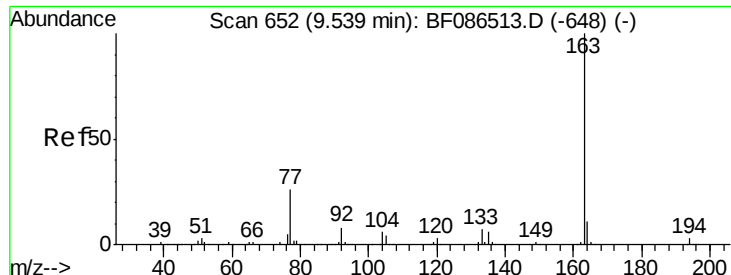
151 20.9 16.8 25.2

153 14.4 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

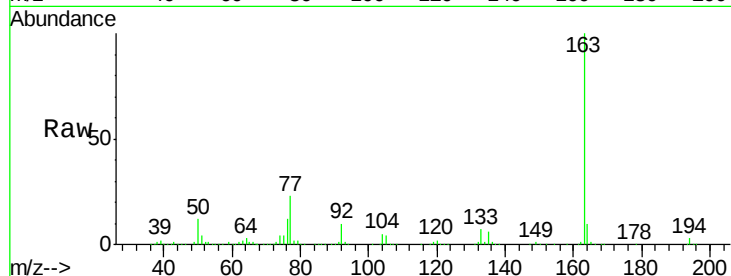




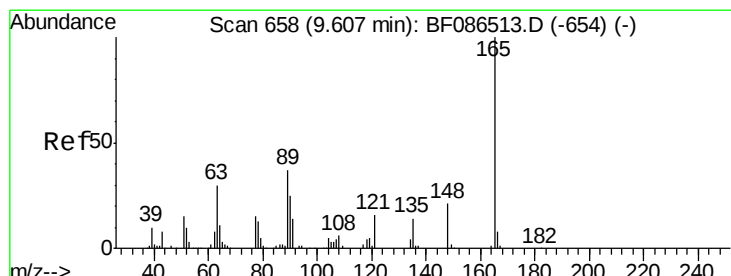
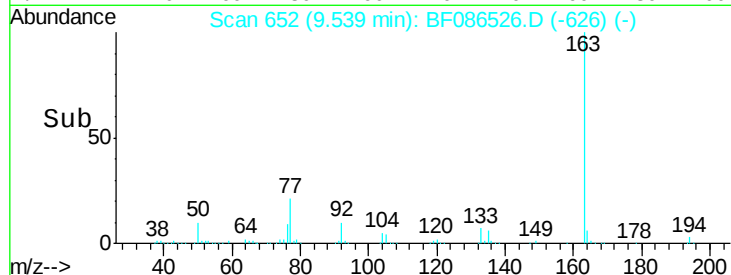
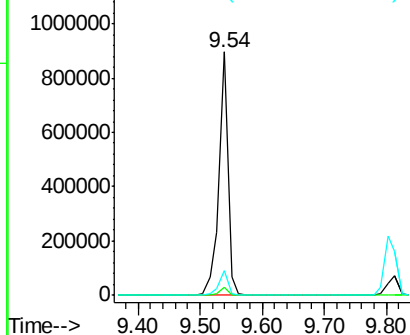
#49
Dimethylphthalate
Concen: 40.69 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleID :

Tot Ion:163 Resp: 887886
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.2 12.4

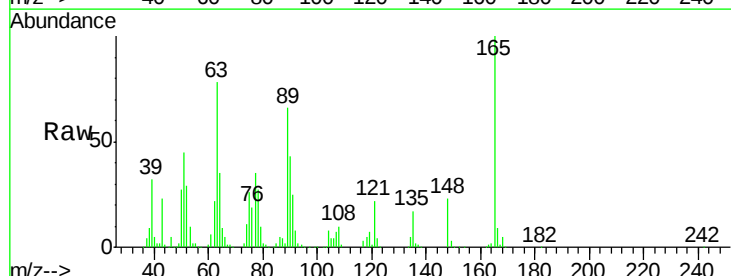


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

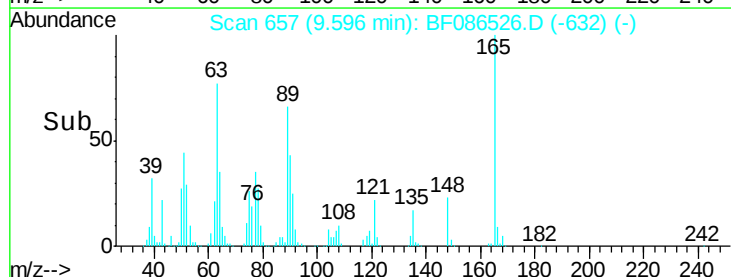
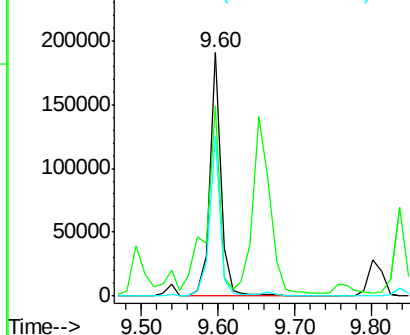


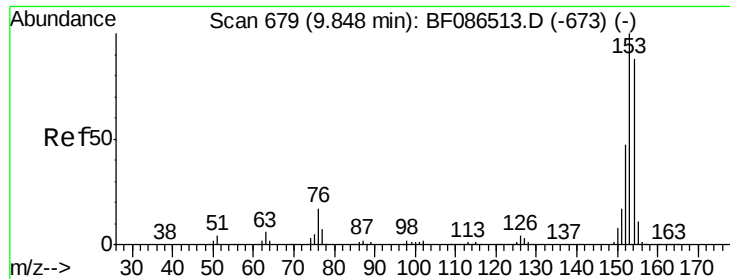
#50
2,6-Dinitrotoluene
Concen: 42.25 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:165 Resp: 190450
Ion Ratio Lower Upper
165 100
63 77.8 51.8 77.8#
89 65.7 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: 41.57 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampled :

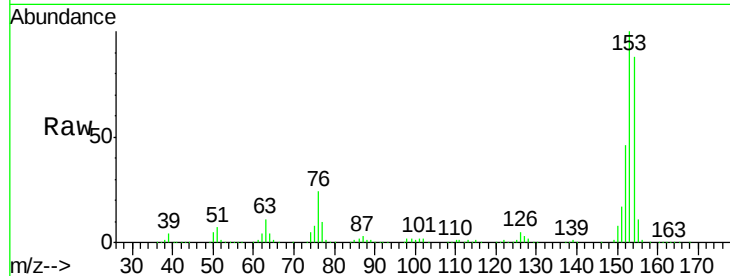
Tot Ion:154 Resp: 768838

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

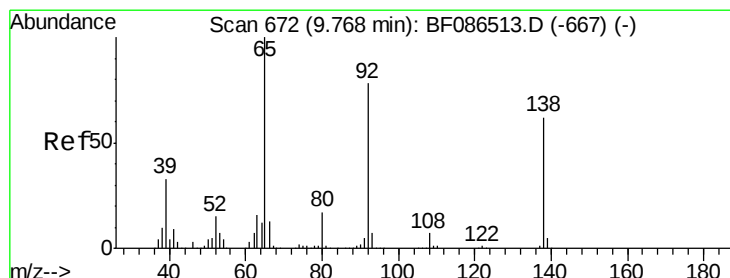
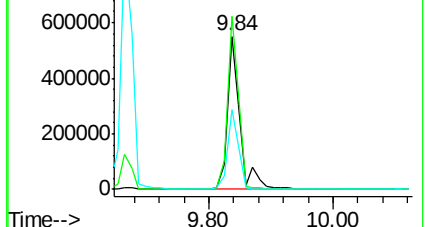
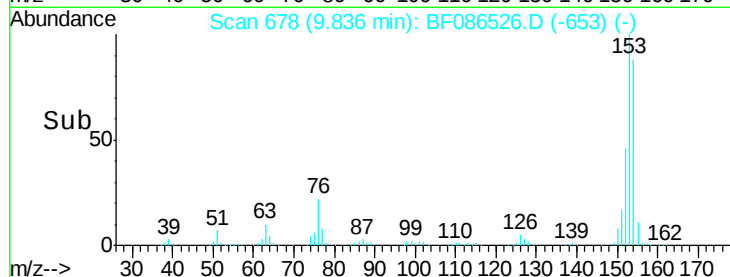
152 52.5 43.4 65.0



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: 13.86 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

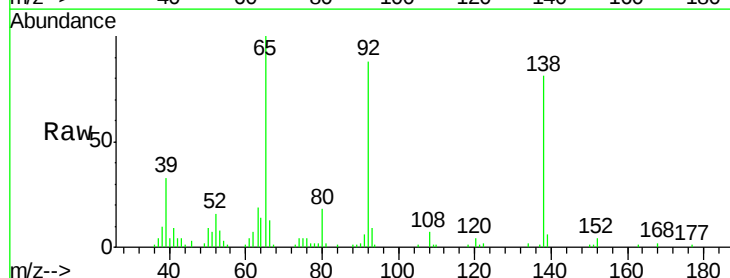
Tgt Ion:138 Resp: 71053

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

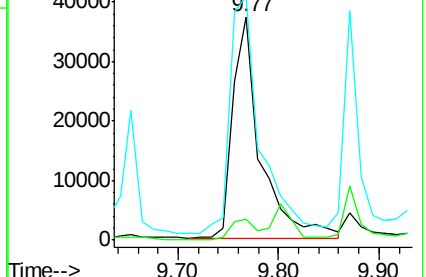
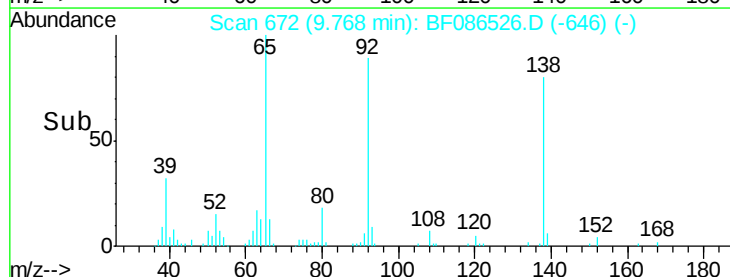
92 108.9 87.8 131.8

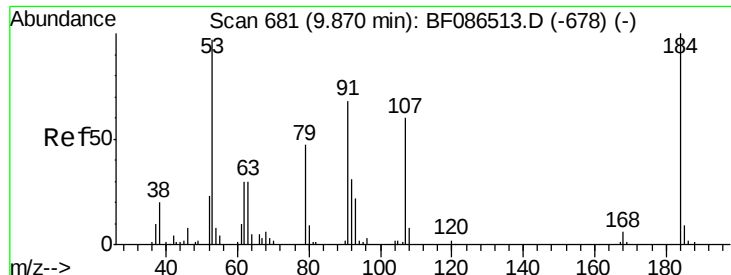


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

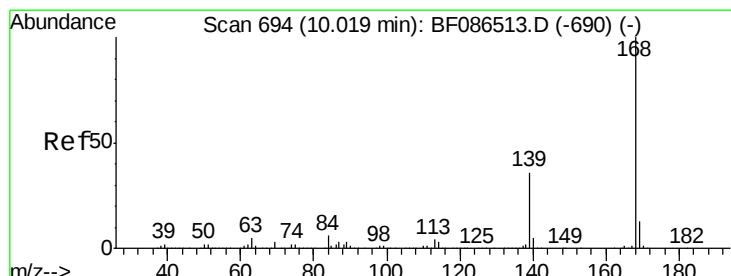
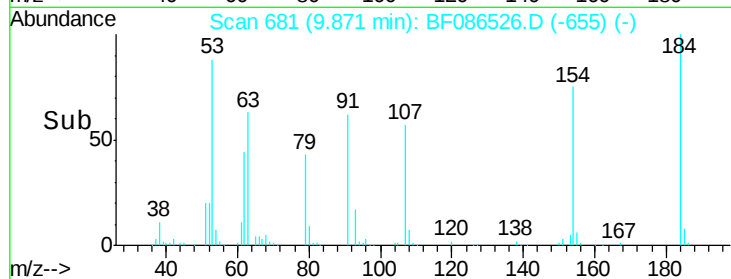
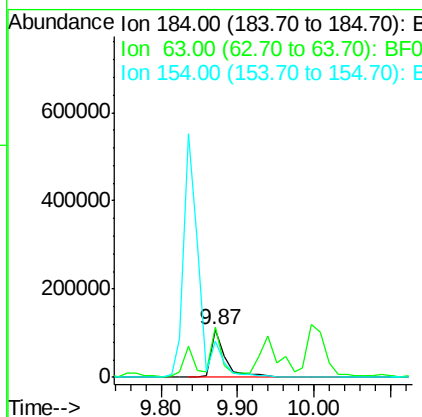
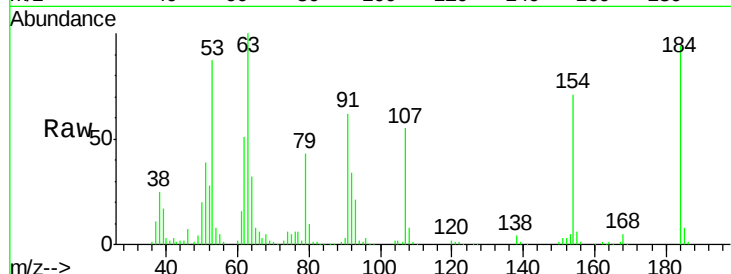




#53
2,4-Dinitrophenol
Concen: 60.22 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

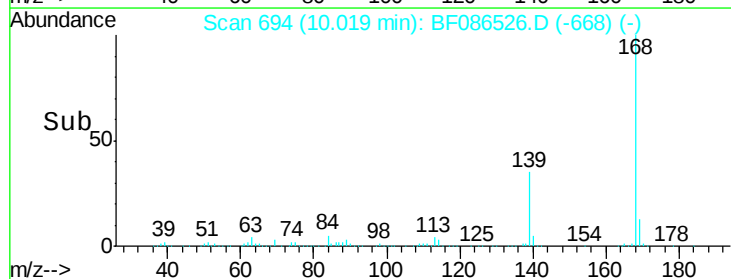
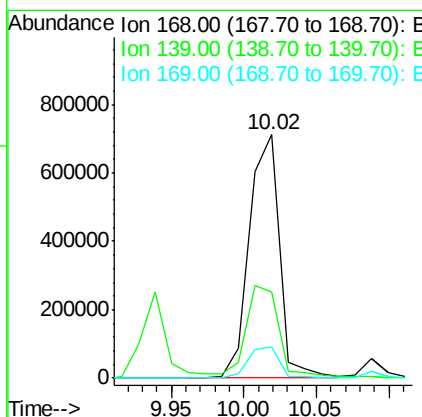
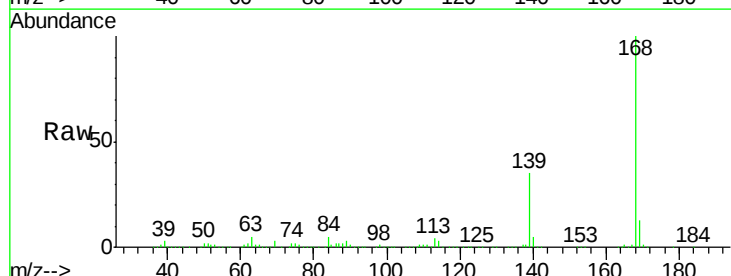
Instrument :
BNA_F
ClientSampleId :

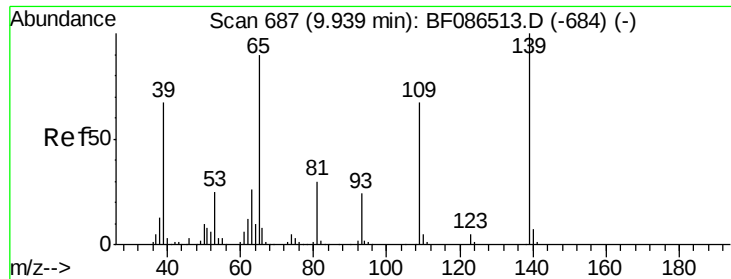
Tot Ion:184 Resp: 143153
Ion Ratio Lower Upper
184 100
63 106.4 55.8 83.8#
154 75.5 62.4 93.6



#54
Dibenzofuran
Concen: 44.46 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:168 Resp: 1027753
Ion Ratio Lower Upper
168 100
139 35.3 31.4 47.0
169 12.8 10.7 16.1





#55

4-Nitrophenol

Concen: 90.33 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

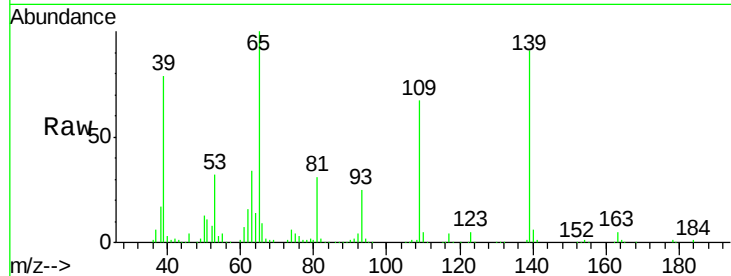
Tot Ion:139 Resp: 303213

Ion Ratio Lower Upper

139 100

109 73.9 36.9 76.9

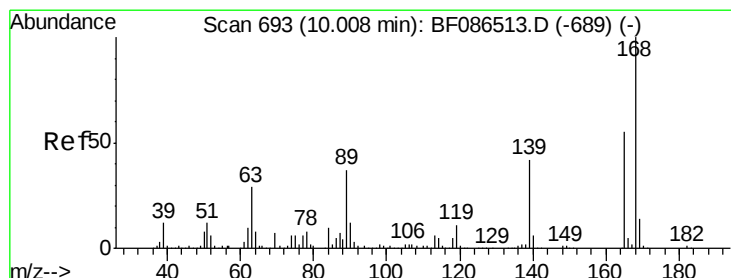
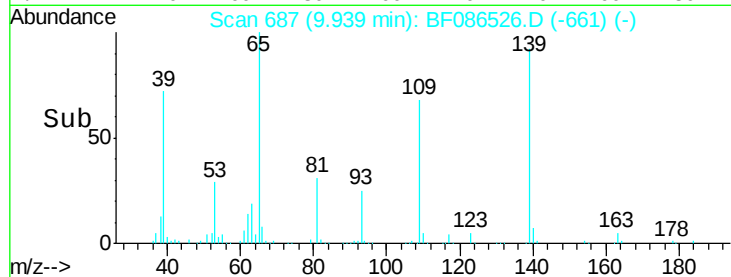
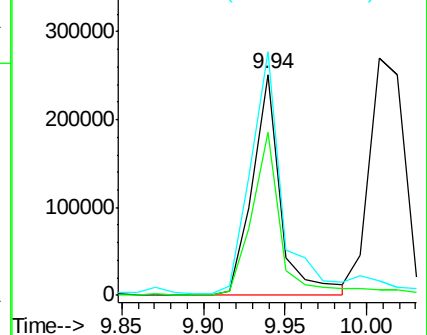
65 110.1 64.0 104.0#



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: 43.93 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:165 Resp: 252459

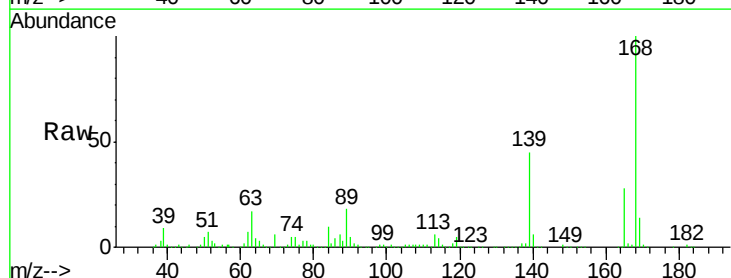
Ion Ratio Lower Upper

165 100

63 61.1 44.3 66.5

89 63.9 70.0 105.0#

182 2.5 1.8 2.6

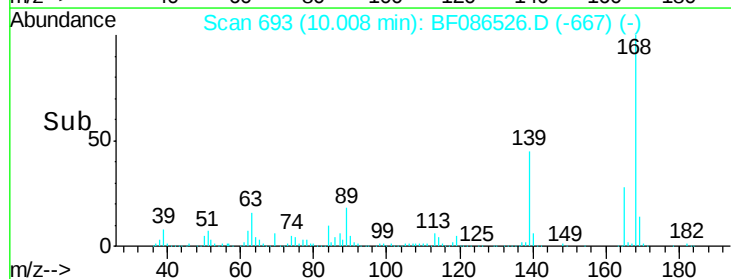
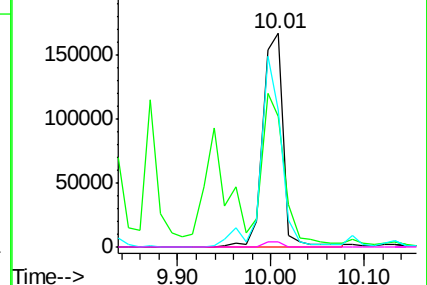


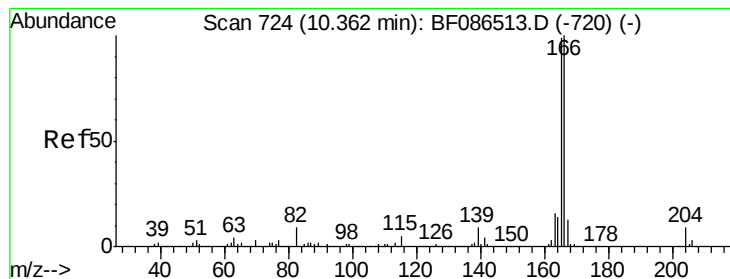
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.93 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

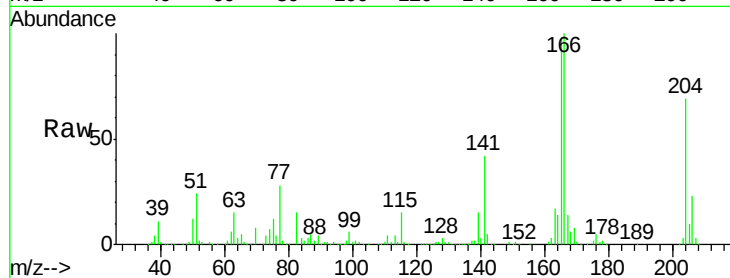
Tot Ion:166 Resp: 721103

Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.6

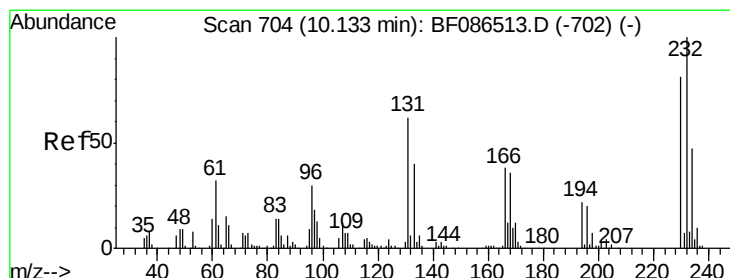
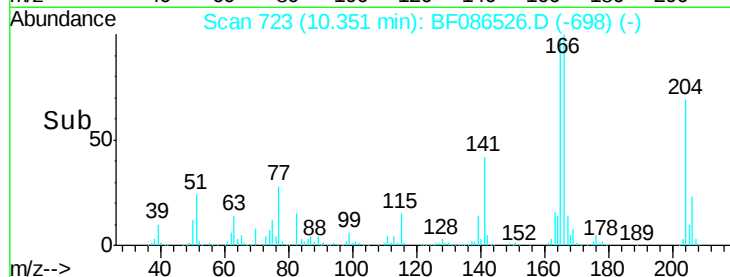
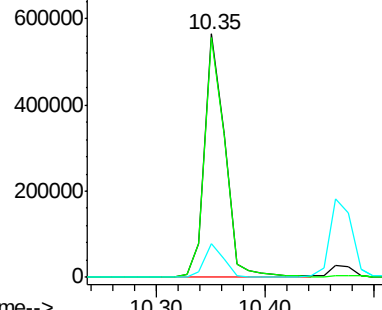
167 13.9 10.6 15.8



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: 47.42 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Tgt Ion:232 Resp: 211937

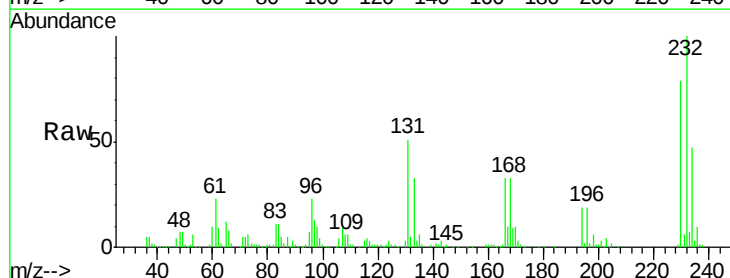
Ion Ratio Lower Upper

232 100

131 51.2 41.9 62.9

130 2.5 2.2 3.4

166 31.3 26.8 40.2

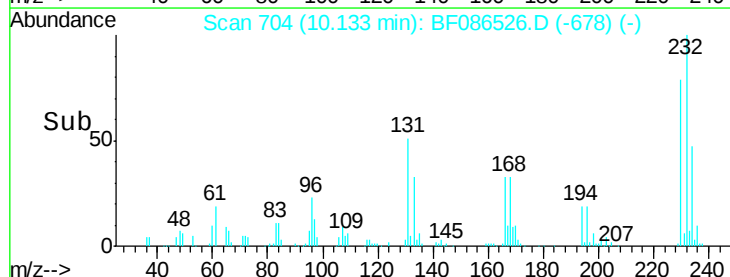
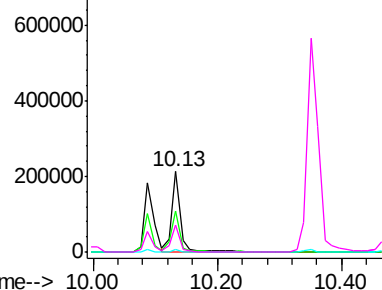


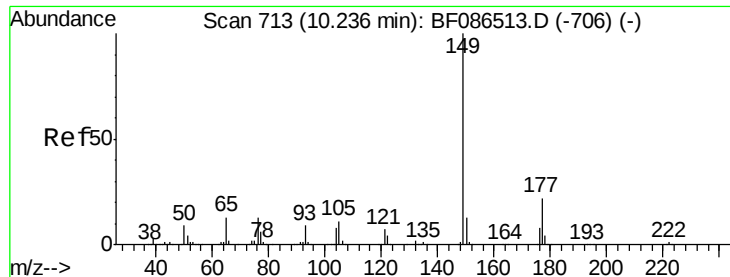
Abundance Ion 232.00 (231.70 to 232.70): E

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

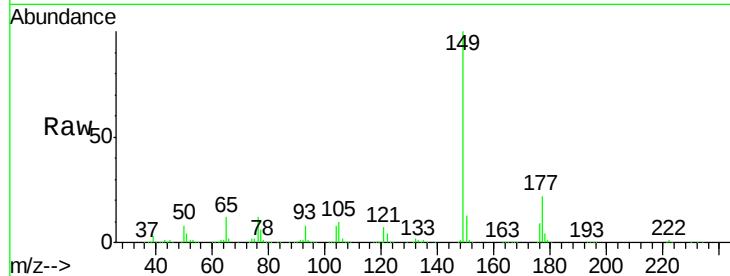




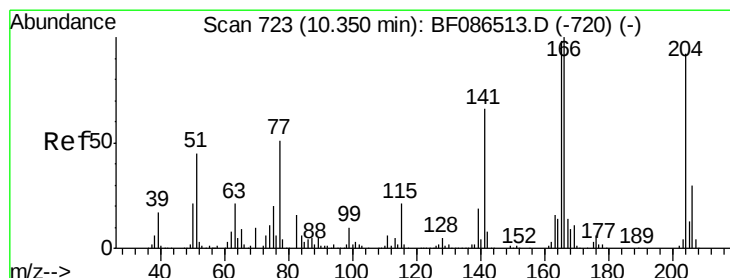
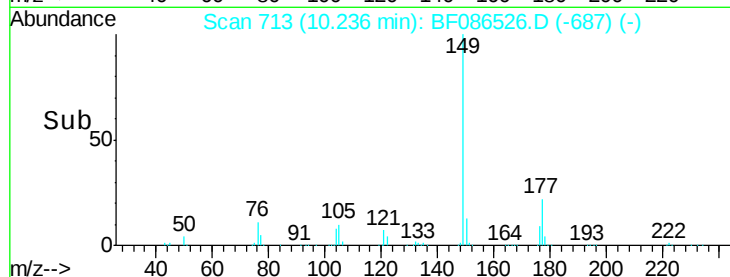
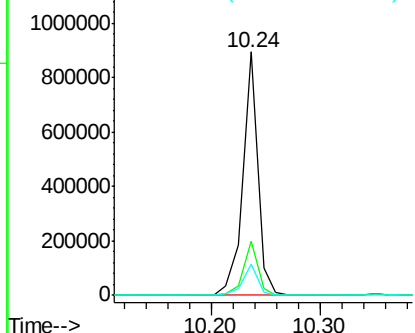
#59
Diethylphthalate
Concen: 41.01 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 847140
Ion Ratio Lower Upper
149 100
177 22.2 16.6 24.8
150 12.8 10.0 15.0

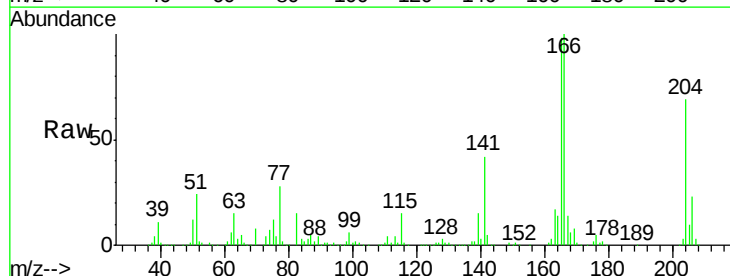


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

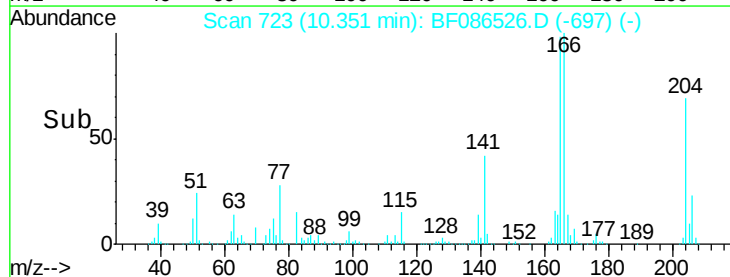
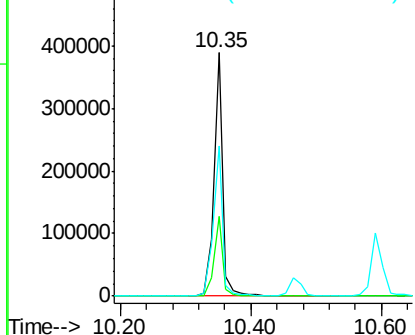


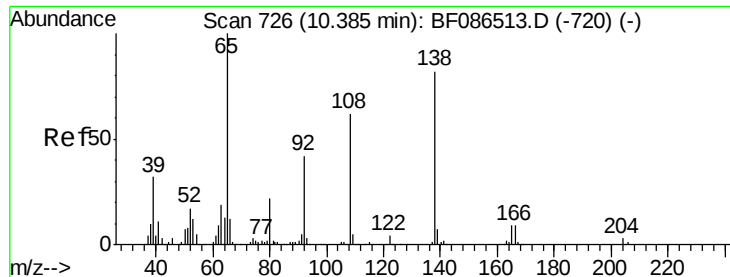
#60
4-Chlorophenyl-phenylether
Concen: 40.83 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:204 Resp: 372031
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 61.5 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

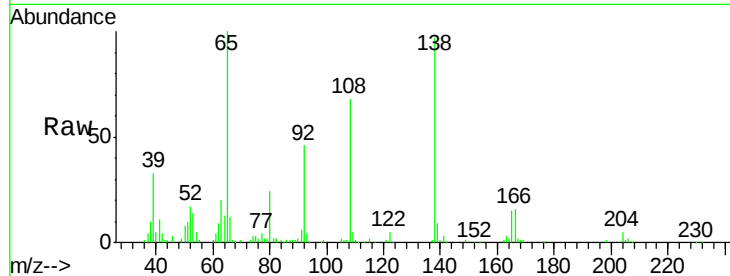




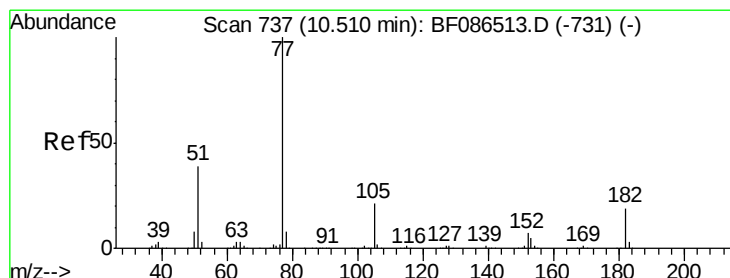
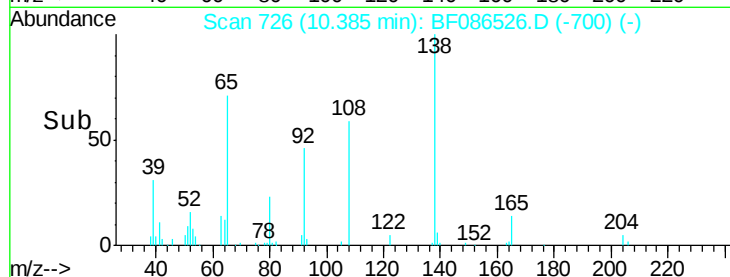
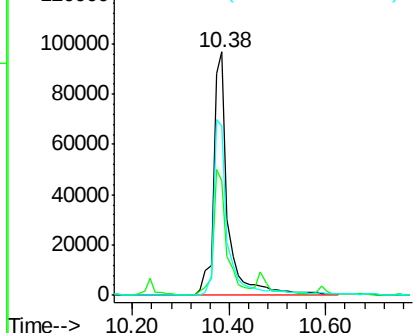
#61
4-Nitroaniline
Concen: 40.91 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 205024
Ion Ratio Lower Upper
138 100
92 47.1 24.7 64.7
108 69.8 37.4 77.4

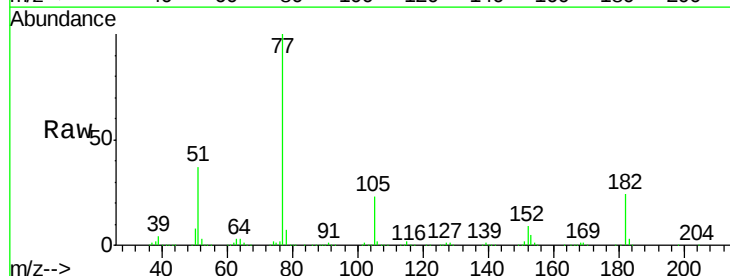


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

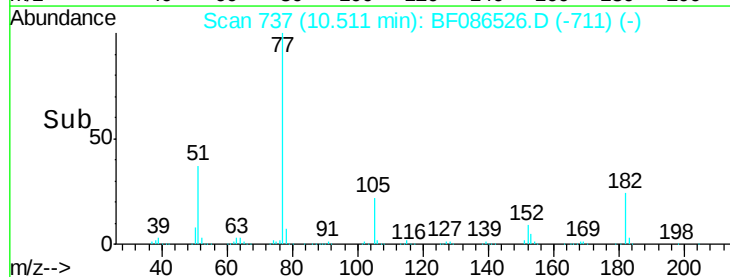
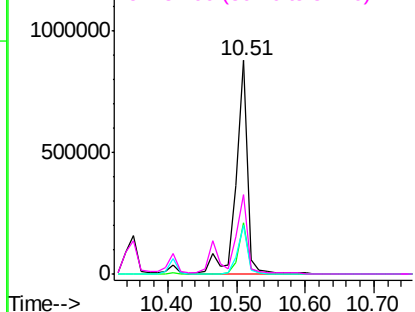


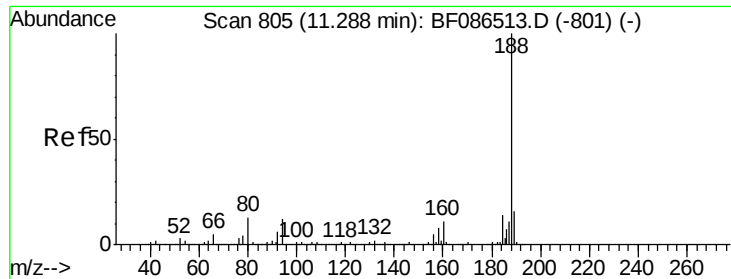
#62
Azobenzene
Concen: 45.40 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion: 77 Resp: 1027280
Ion Ratio Lower Upper
77 100
182 24.2 0.0 38.8
105 22.6 3.2 43.2
51 37.4 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

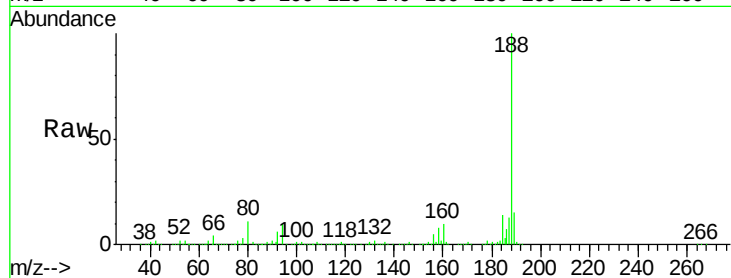




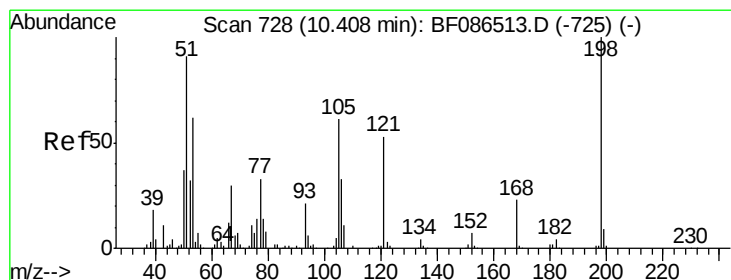
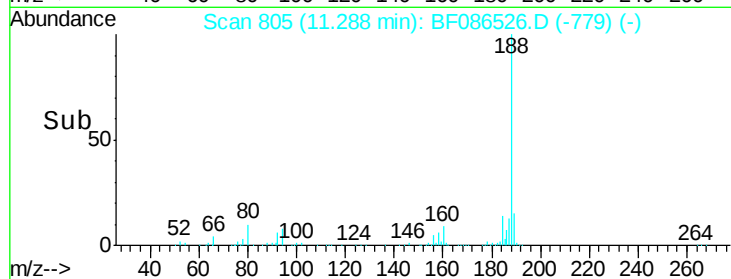
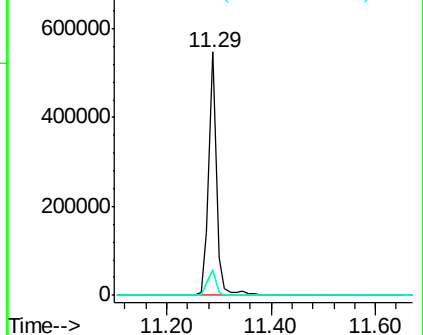
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 572778
Ion Ratio Lower Upper
188 100
94 10.3 6.8 10.2#
80 10.8 7.1 10.7#

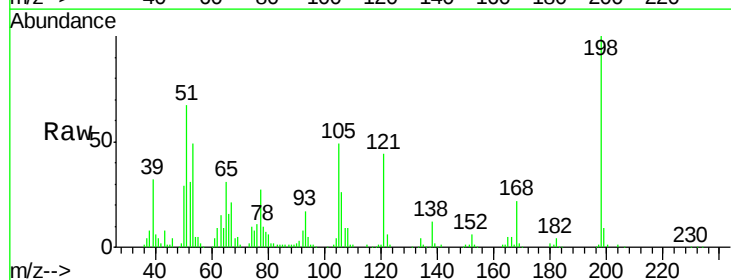


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

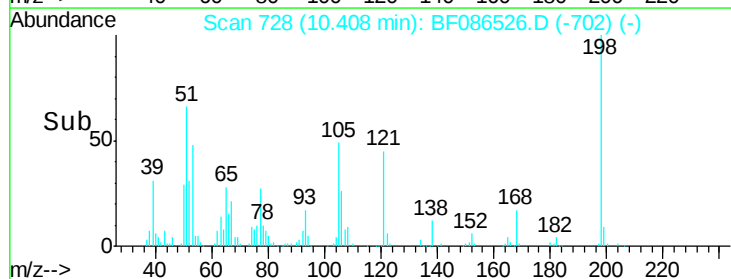
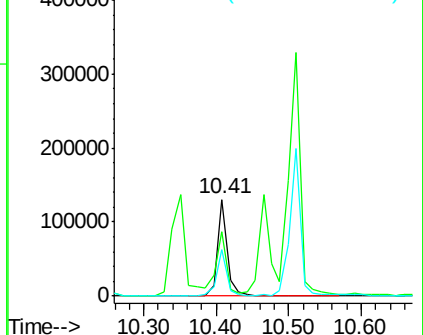


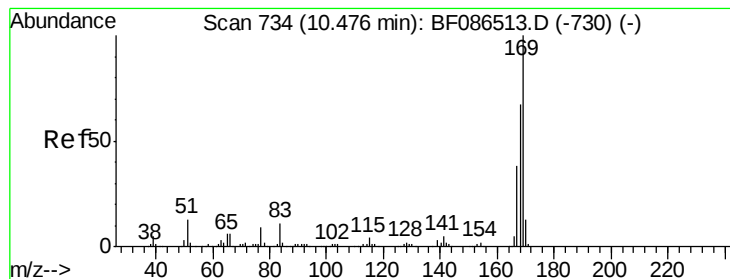
#64
4,6-Dinitro-2-methylphenol
Concen: 37.25 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:198 Resp: 125271
Ion Ratio Lower Upper
198 100
51 66.6 20.5 60.5#
105 48.6 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

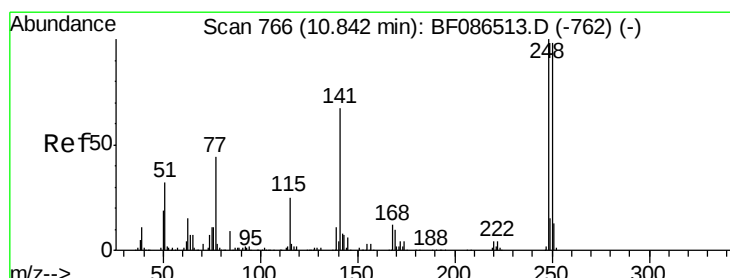
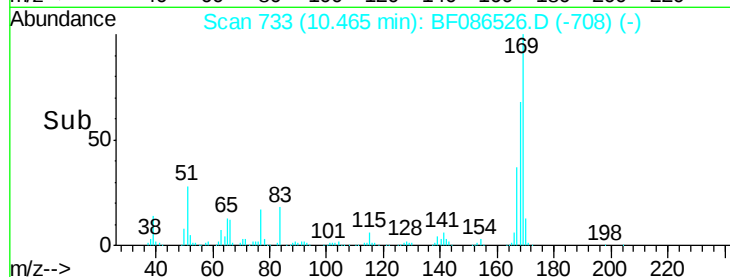
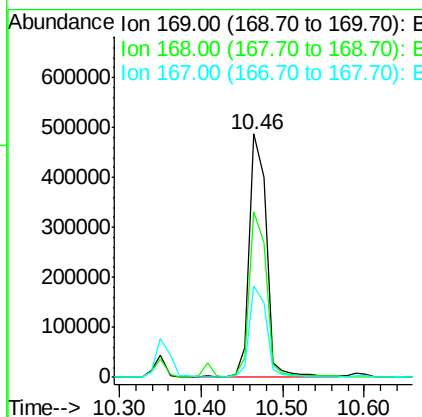
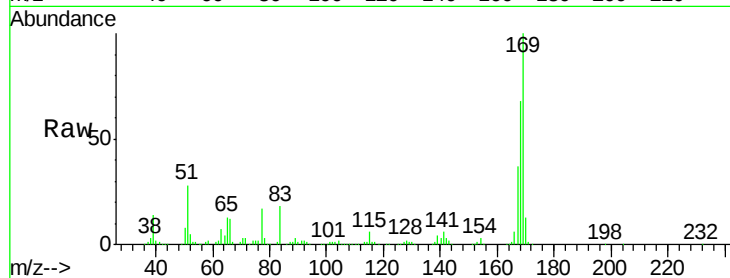




#65
 n-Nitrosodiphenylamine
 Concen: 39.10 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

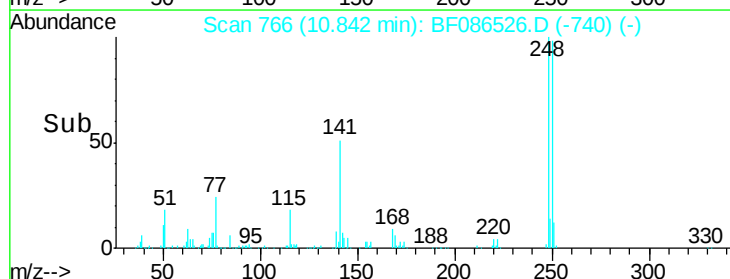
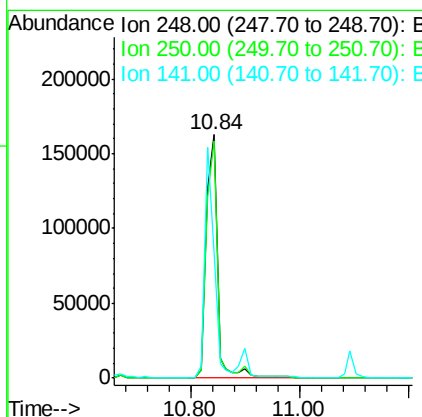
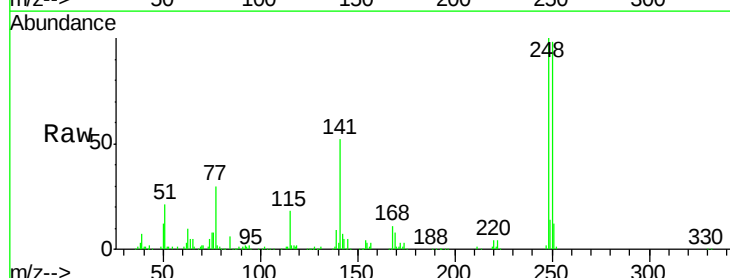
Instrument :
 BNA_F
 ClientSampleId :

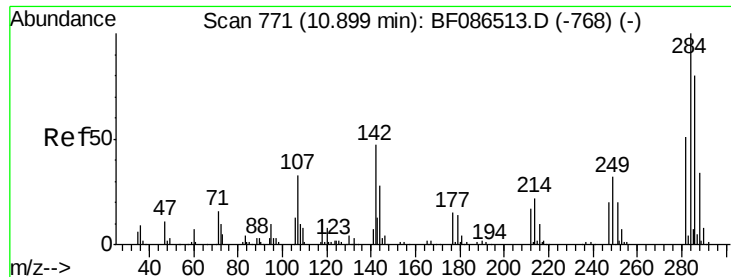
Tot Ion:169 Resp: 699977
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.8 80.6
 167 37.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.43 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:248 Resp: 232696
 Ion Ratio Lower Upper
 248 100
 250 97.6 78.6 117.8
 141 51.8 76.0 114.0#

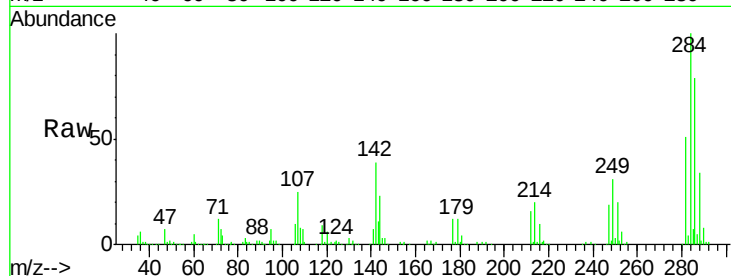




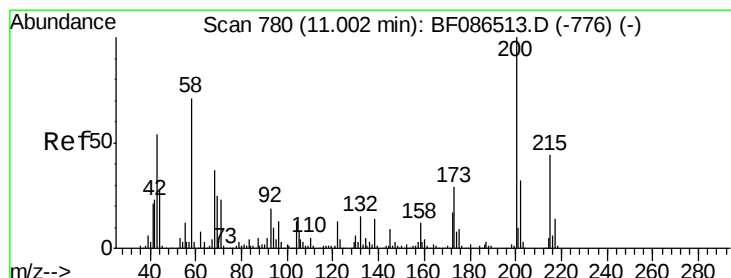
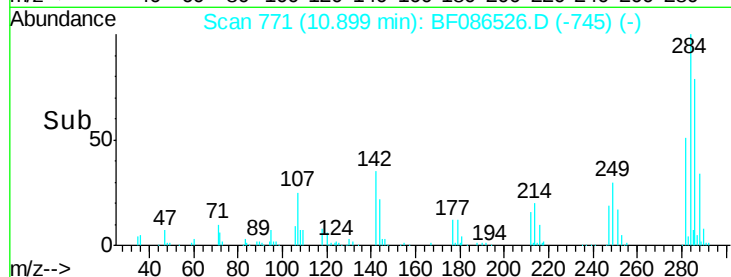
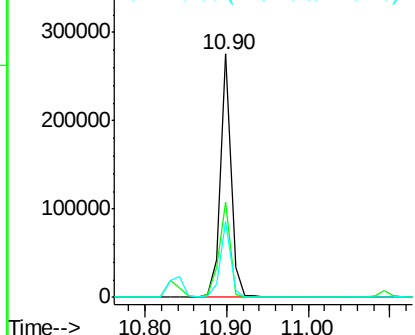
#67
Hexachlorobenzene
Concen: 36.49 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 249289
Ion Ratio Lower Upper
284 100
142 39.0 16.7 25.1#
249 31.4 21.3 31.9

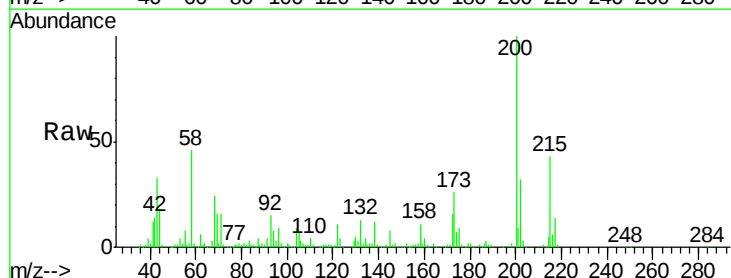


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

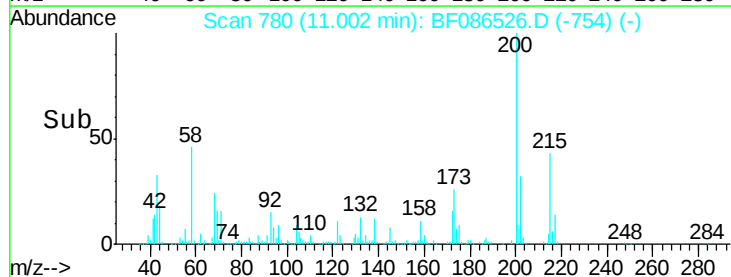
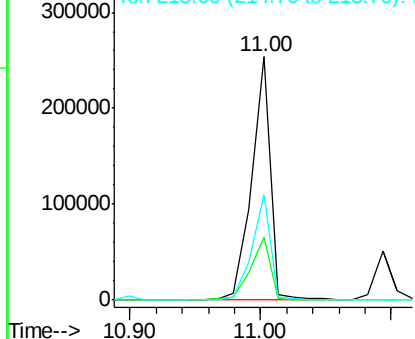


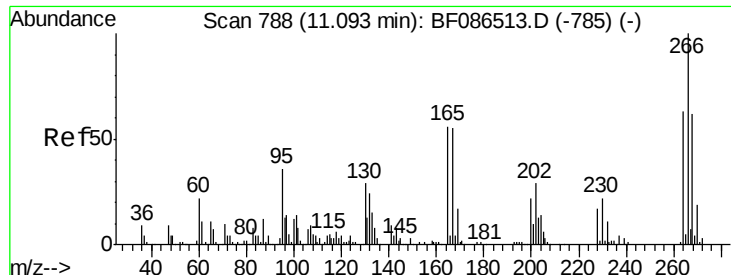
#68
Atrazine
Concen: 47.13 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:200 Resp: 253347
Ion Ratio Lower Upper
200 100
173 25.9 8.5 48.5
215 43.3 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

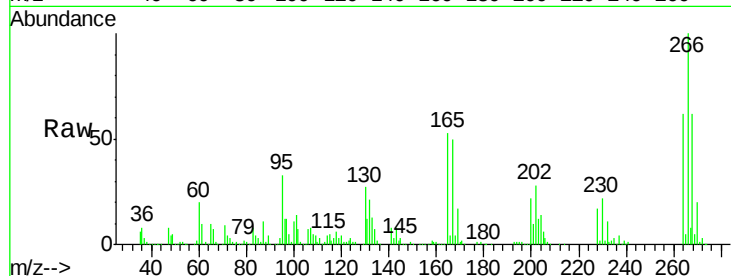




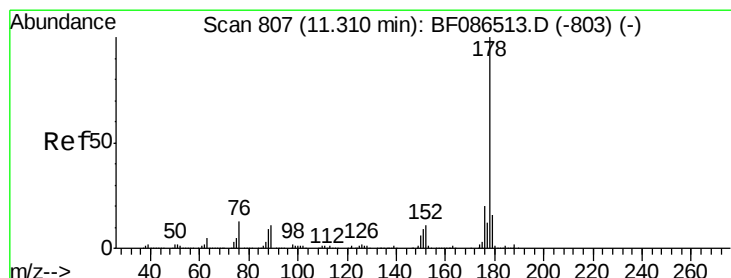
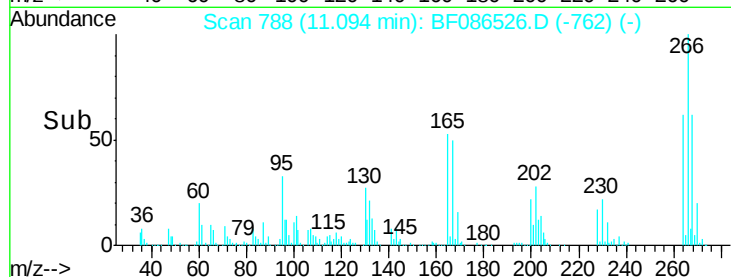
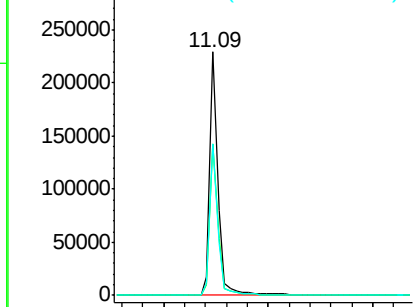
#69
 Pentachlorophenol
 Concen: 70.08 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 252410
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 62.4 52.9 79.3

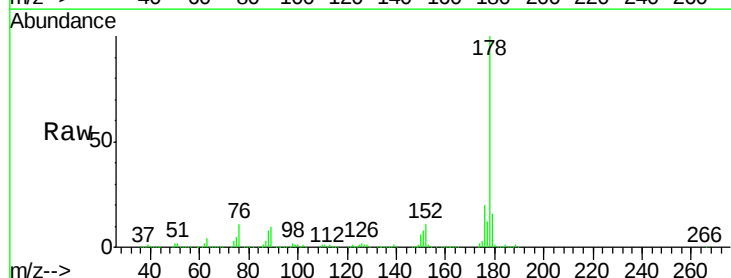


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

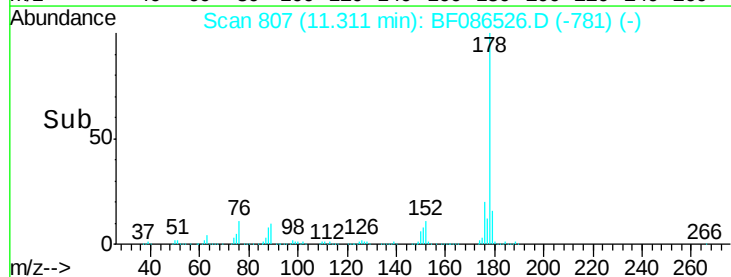
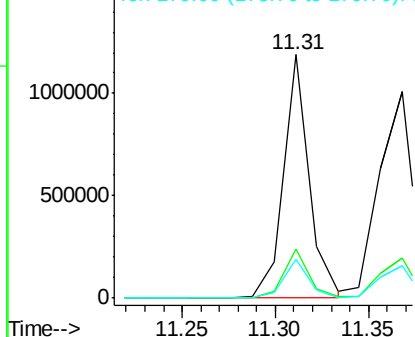


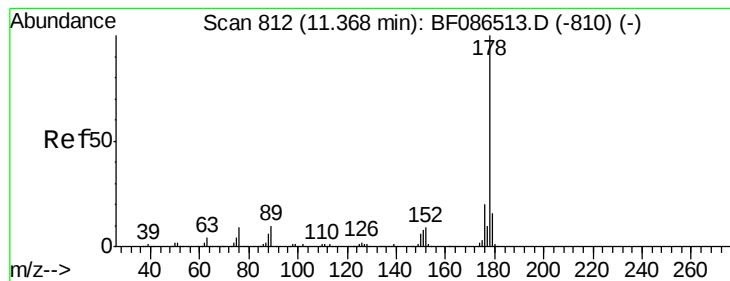
#70
 Phenanthrene
 Concen: 37.89 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:178 Resp: 1138917
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.7 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: 41.06 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

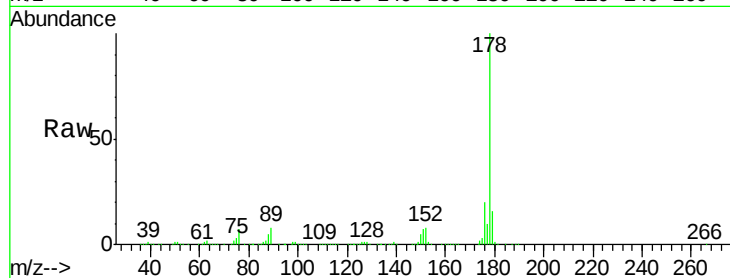
Tot Ion:178 Resp: 1317077

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

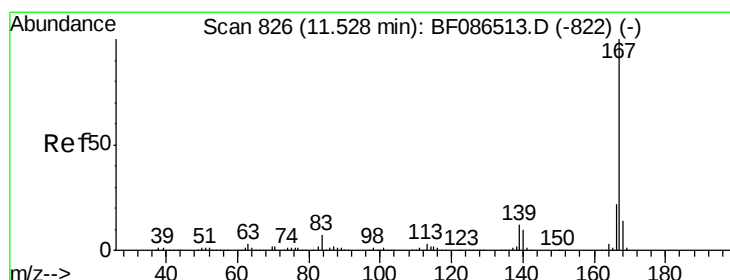
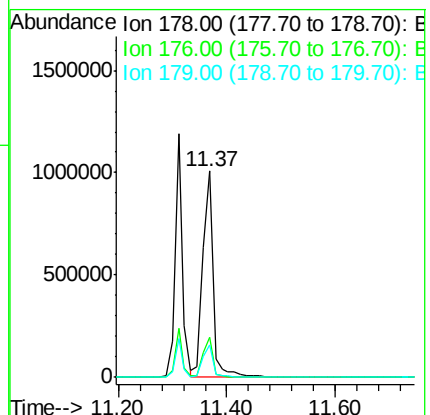
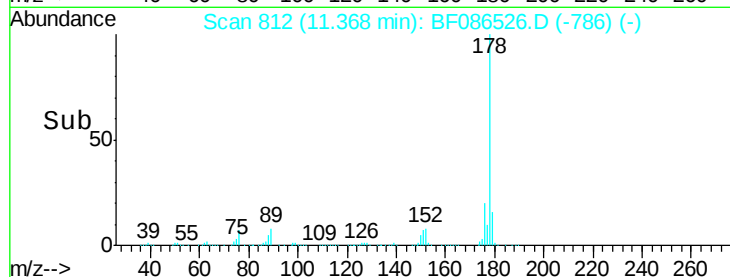
179 15.6 12.7 19.1



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: 39.54 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

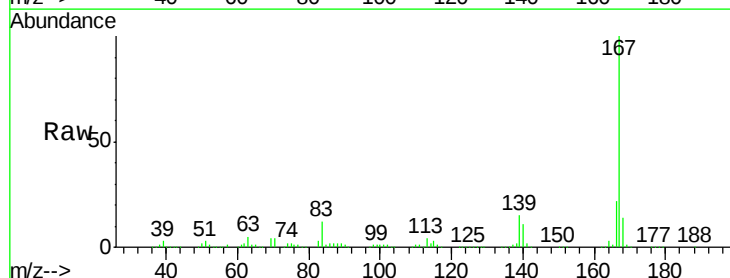
Tgt Ion:167 Resp: 1124178

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

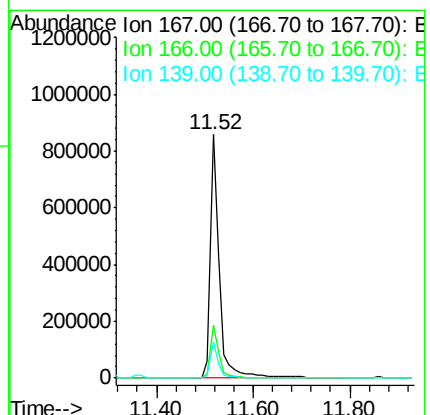
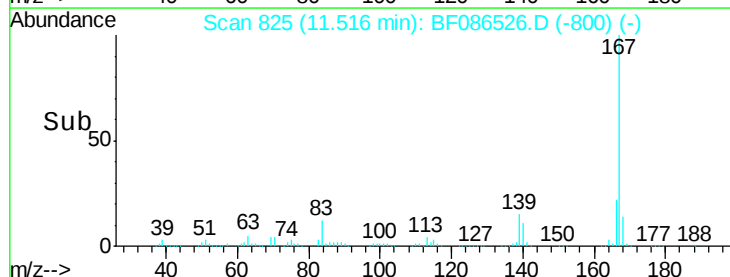
139 14.7 10.8 16.2

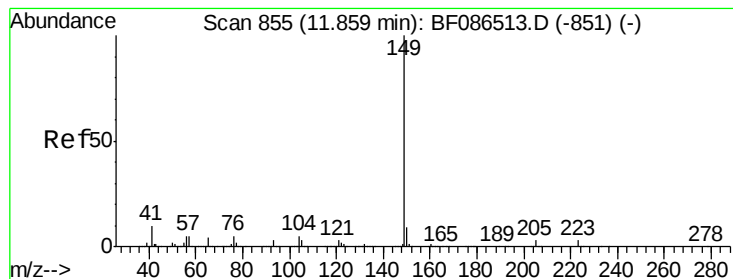


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.14 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

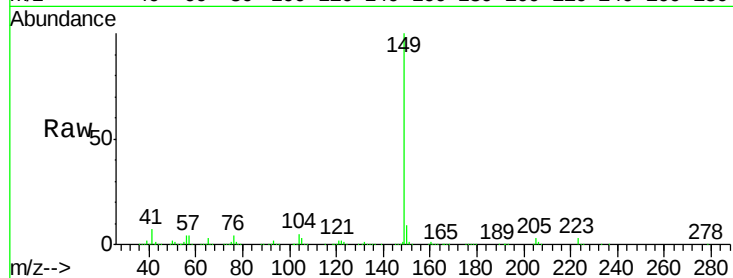
Tot Ion:149 Resp: 1357410

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

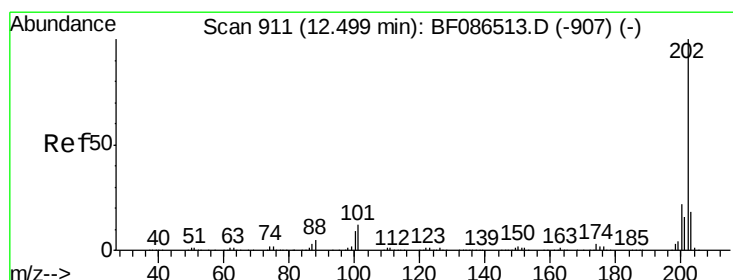
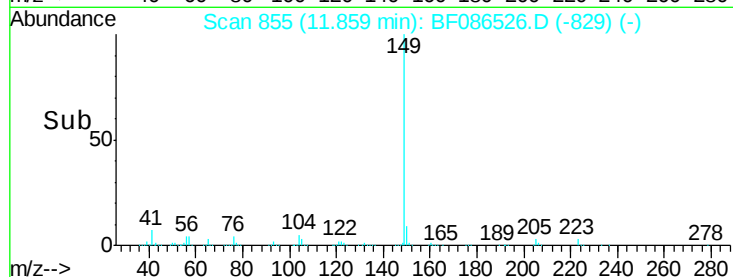
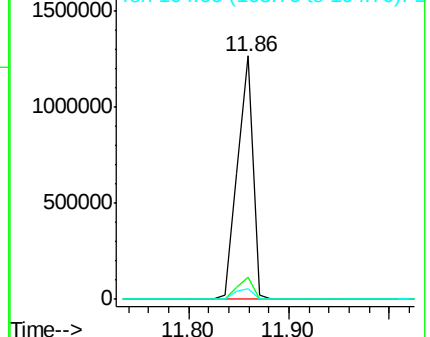
104 4.6 3.8 5.6



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: 41.89 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

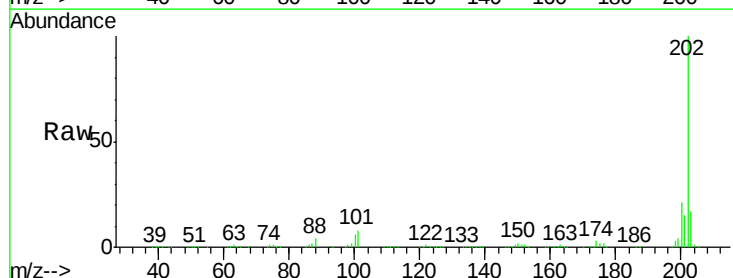
Tgt Ion:202 Resp: 1270983

Ion Ratio Lower Upper

202 100

101 8.1 0.0 35.4

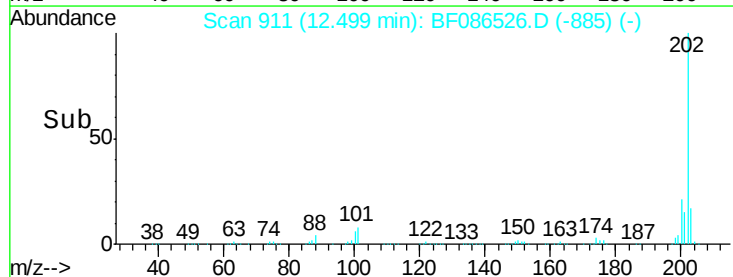
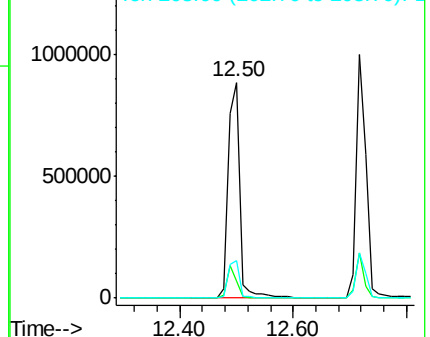
203 17.2 0.0 38.1

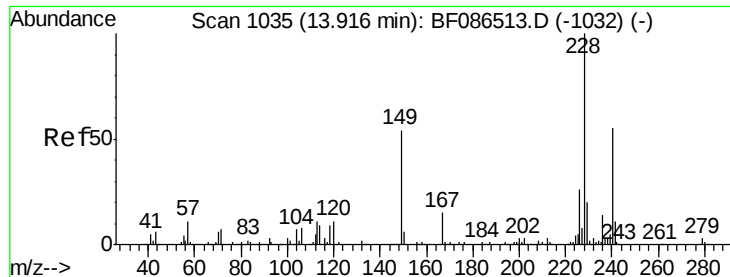


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampled :

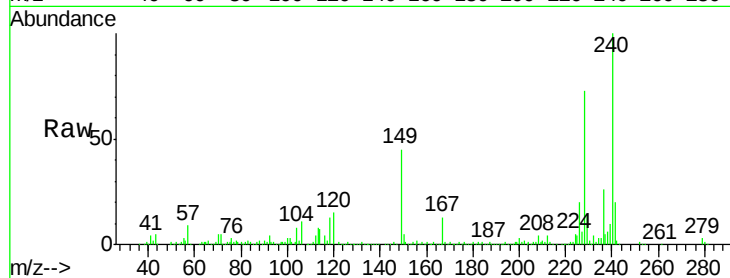
Tot Ion:240 Resp: 422525

Ion Ratio Lower Upper

240 100

120 15.3 11.2 16.8

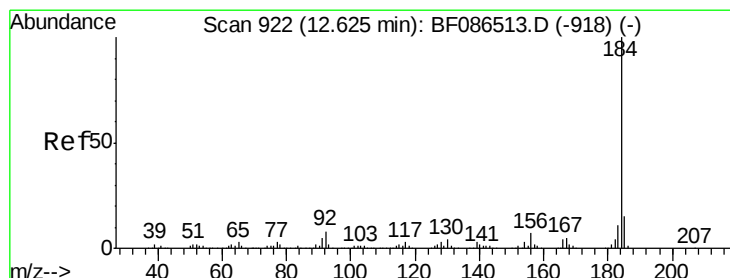
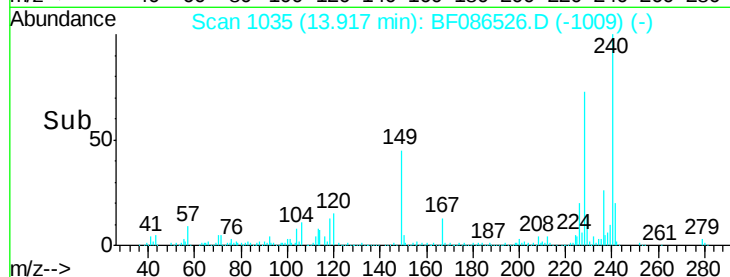
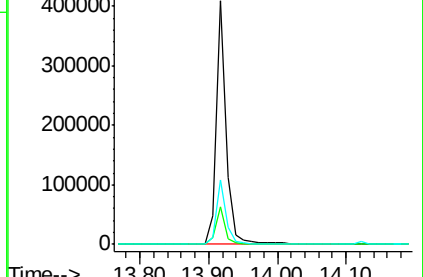
236 26.4 21.2 31.8



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: 17.87 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

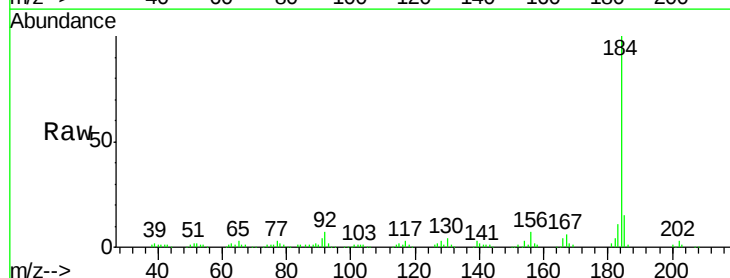
Tgt Ion:184 Resp: 259411

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

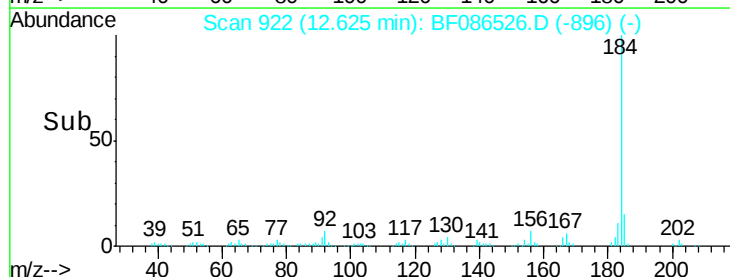
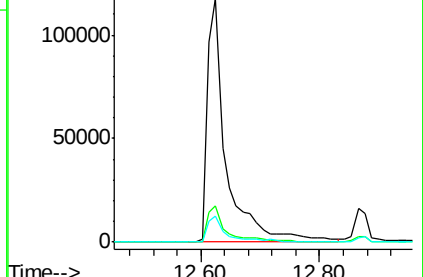
183 10.9 9.8 14.6

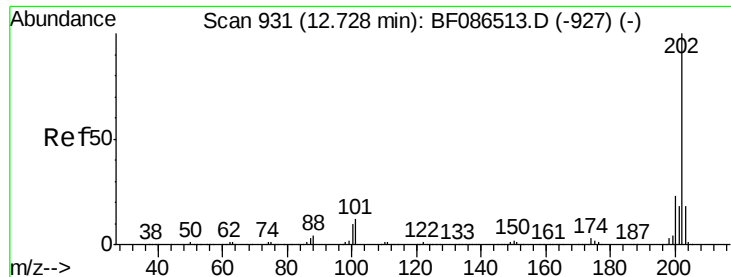


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

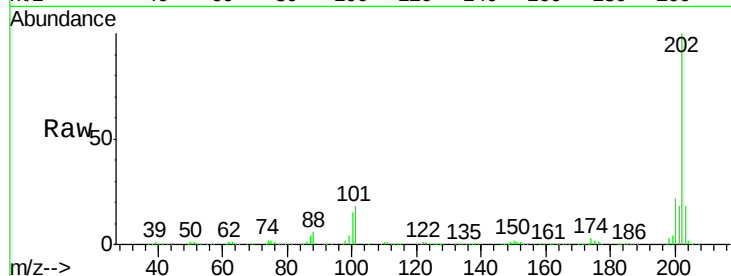




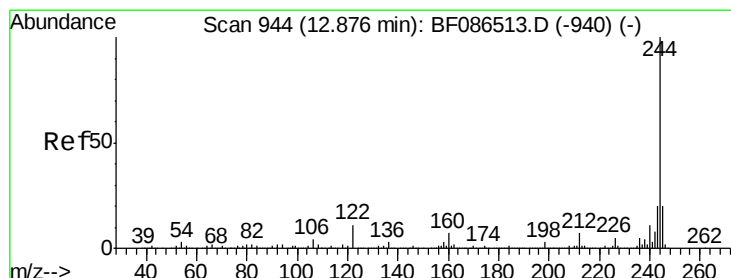
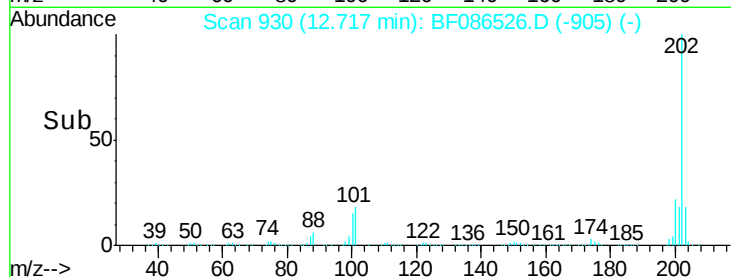
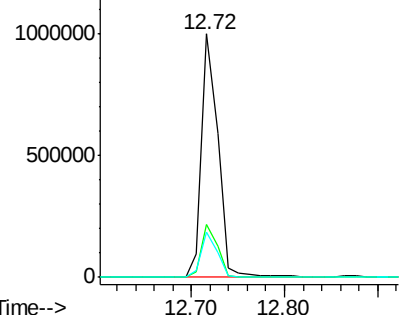
#77
Pvrene
Concen: 40.01 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1218041
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 18.3 14.2 21.4

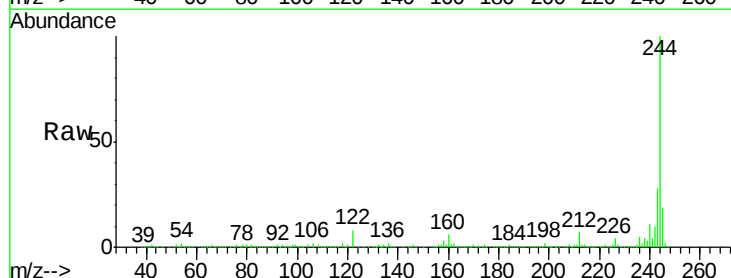


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

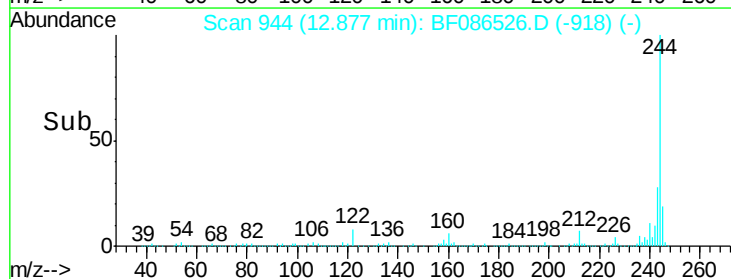
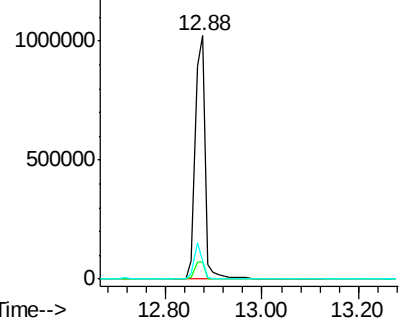


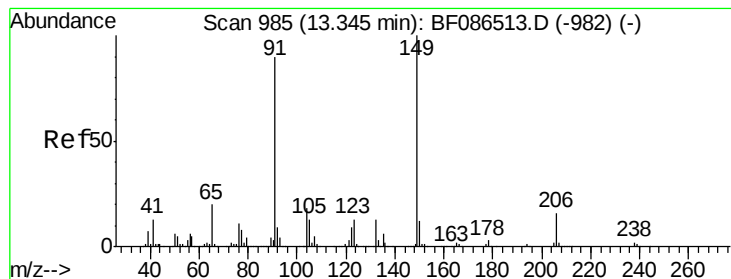
#78
Terphenyl-d14
Concen: 78.11 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF086526.D
Acq: 30 Apr 2016 16:24

Tgt Ion:244 Resp: 1498025
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.2
122 7.6 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: 39.38 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

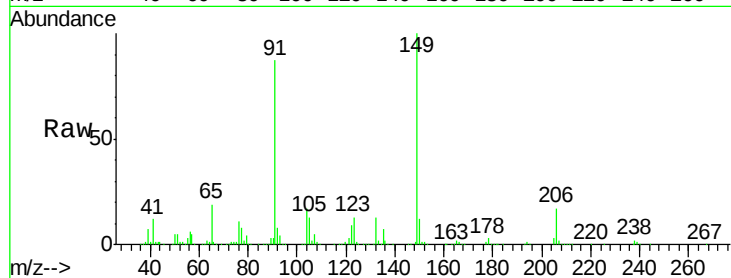
Tot Ion:149 Resp: 519249

Ion Ratio Lower Upper

149 100

91 87.2 48.0 72.0#

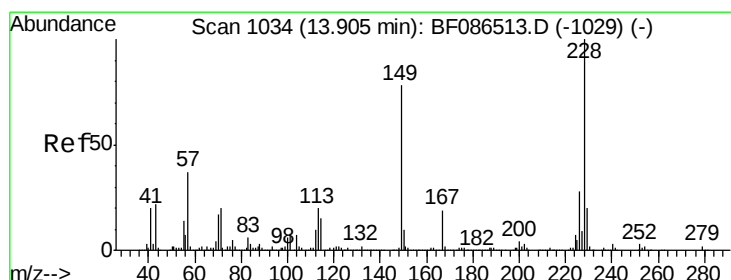
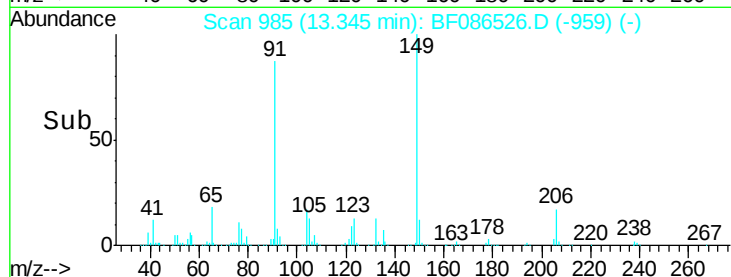
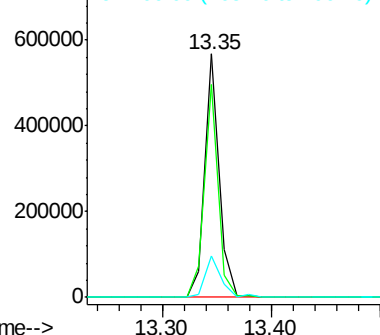
206 16.9 15.8 23.6



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: 42.04 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

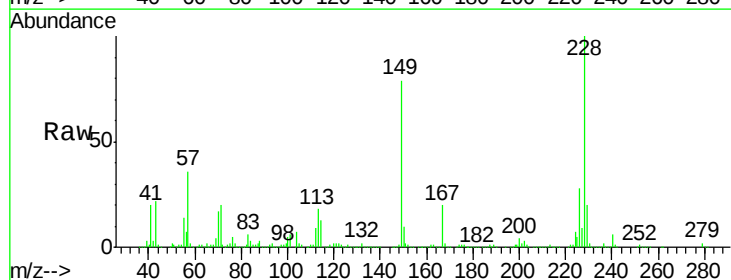
Tgt Ion:228 Resp: 946984

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

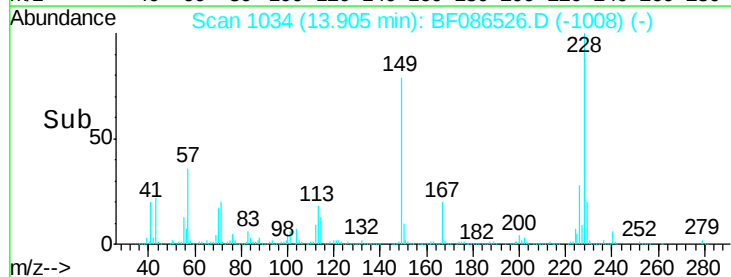
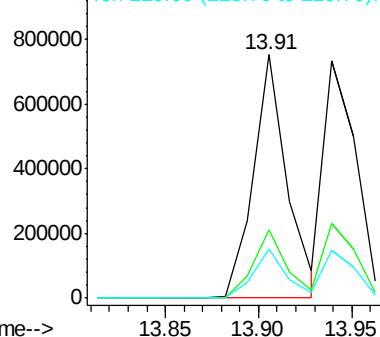
229 20.2 16.6 25.0

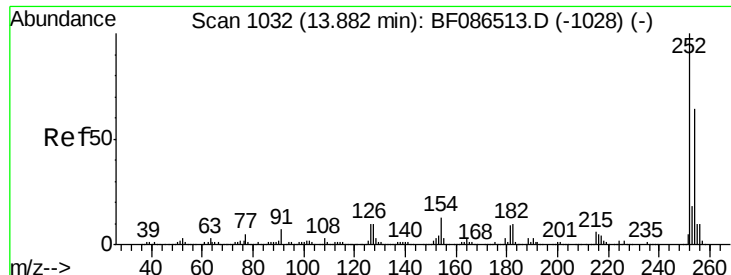


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

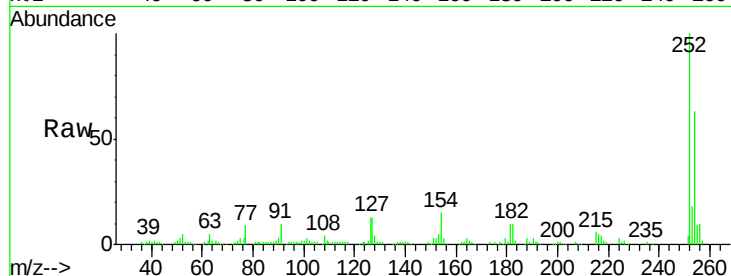




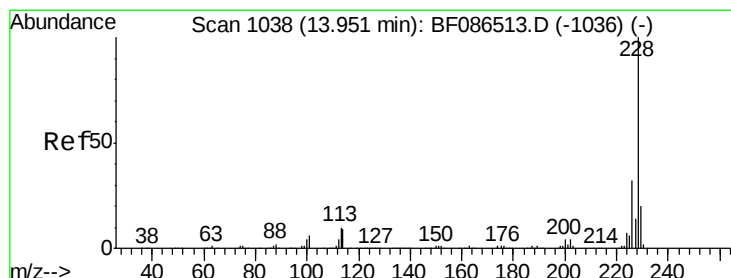
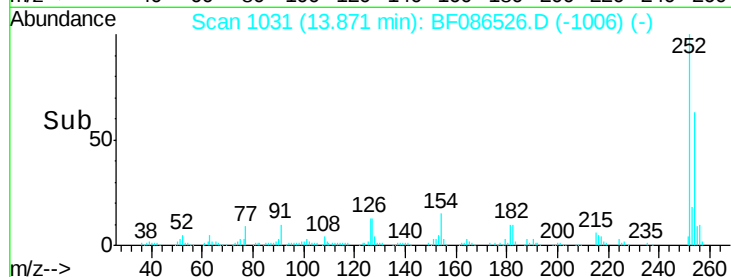
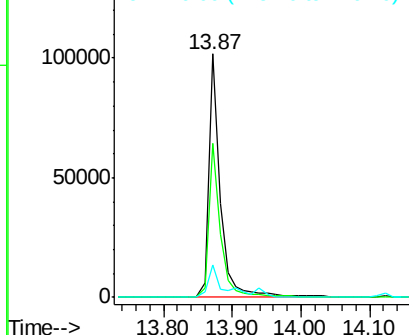
#81
 3,3'-Dichlorobenzidine
 Concen: 8.07 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 121453
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.7 76.1
 126 13.1 12.7 19.1

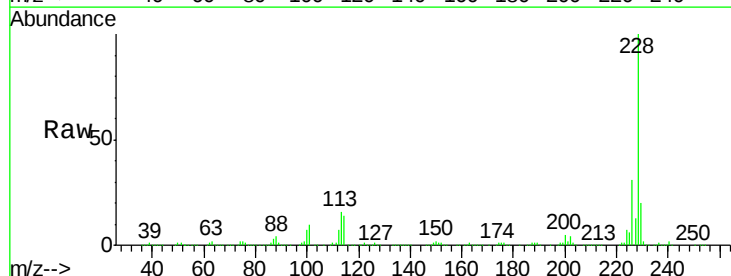


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

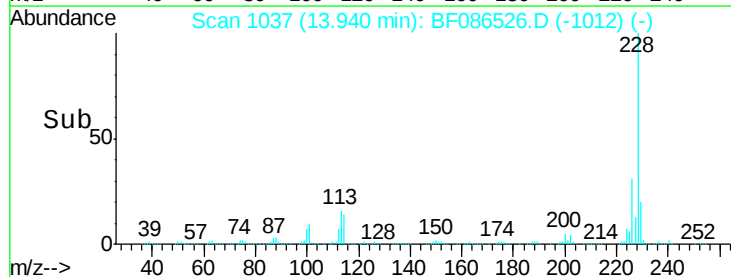
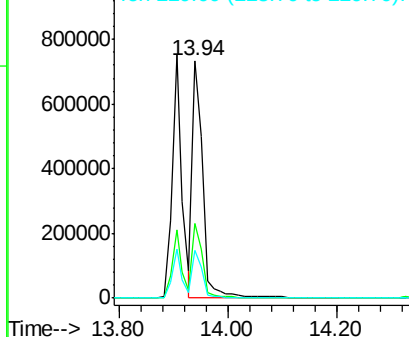


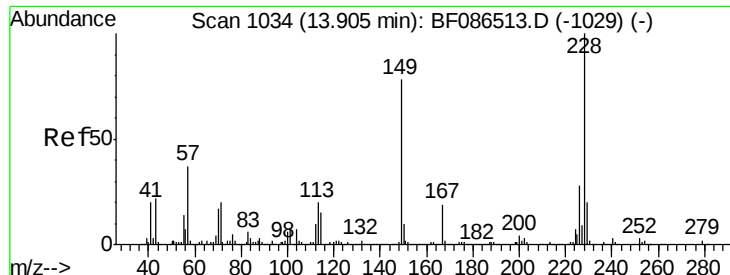
#82
 Chrysene
 Concen: 39.33 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:228 Resp: 962916
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.1 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

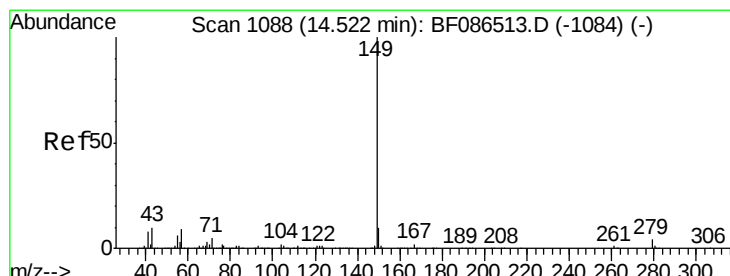
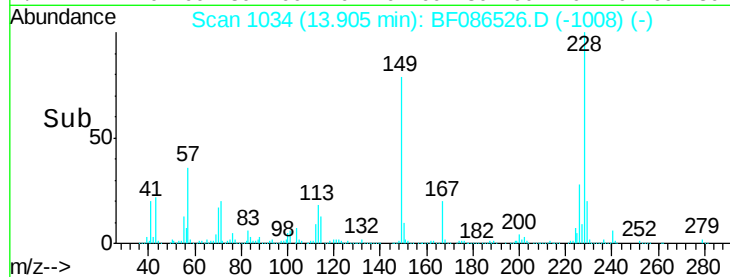
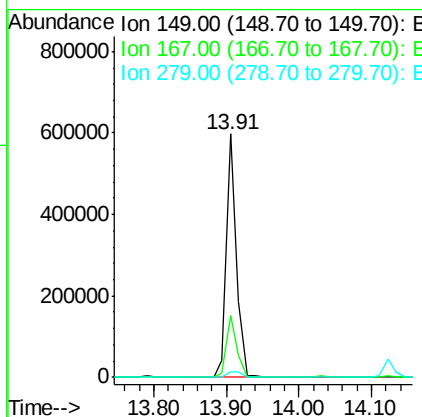
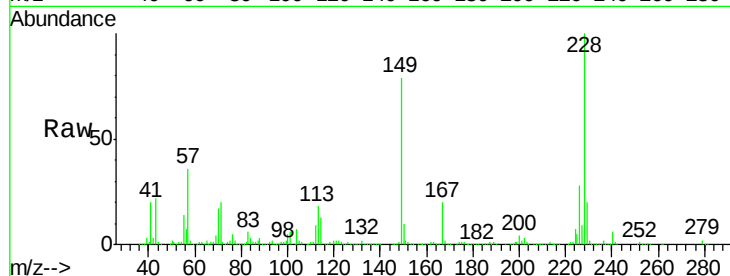




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.36 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

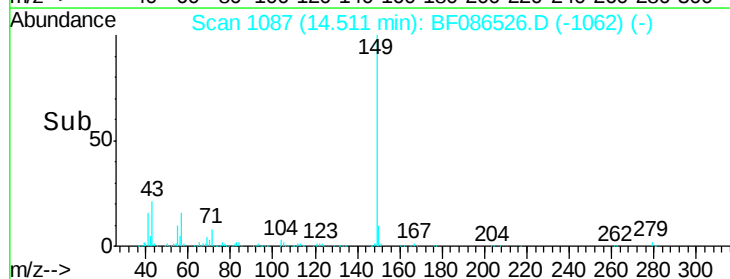
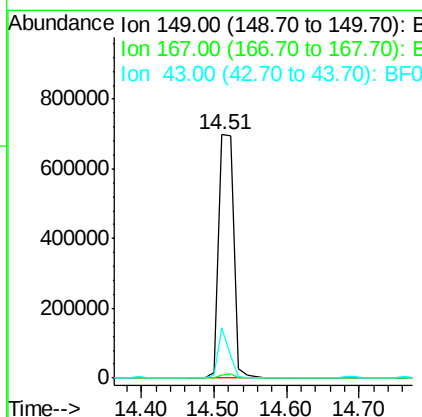
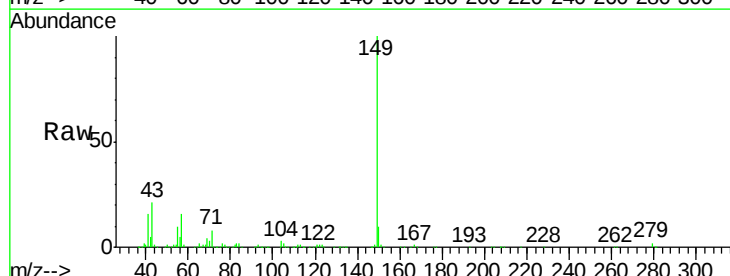
Instrument :
 BNA_F
 ClientSampleId :

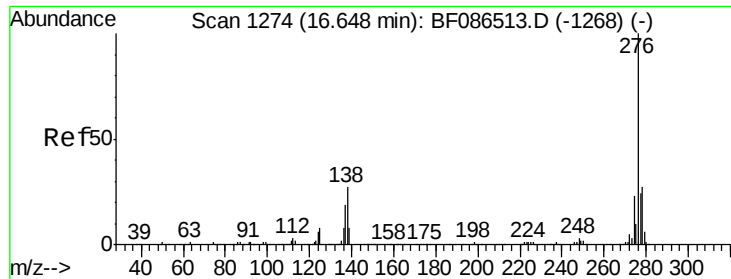
Tot Ion:149	Resp:	578719
Ion	Ratio	Lower Upper
149	100	
167	25.3	21.8 32.6
279	2.4	2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 38.85 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion:149	Resp:	995816
Ion	Ratio	Lower Upper
149	100	
167	1.5	1.2 1.8
43	14.9	8.2 12.4#

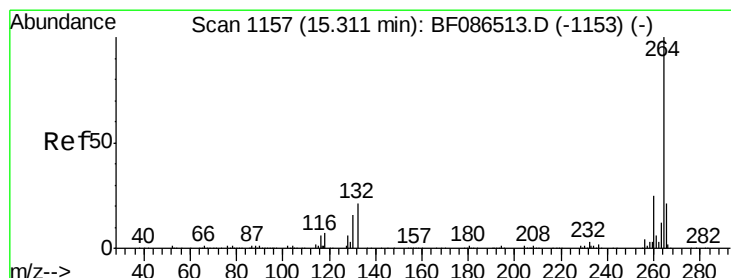
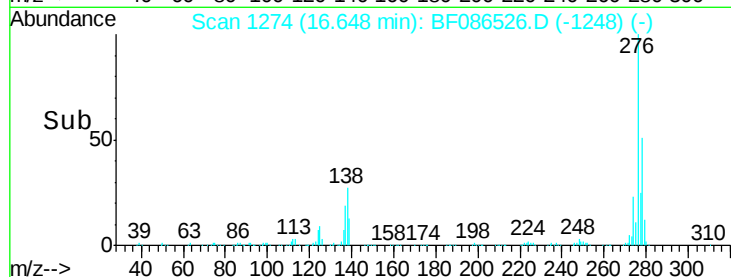
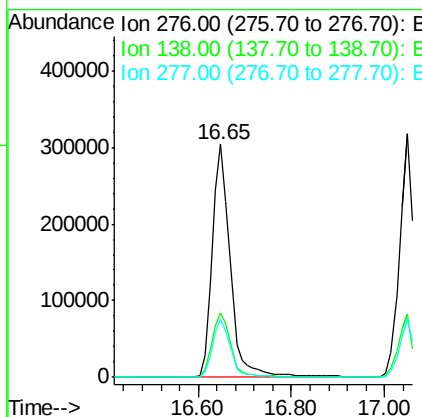
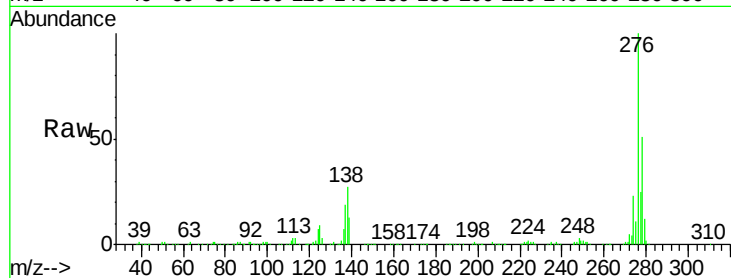




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.54 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

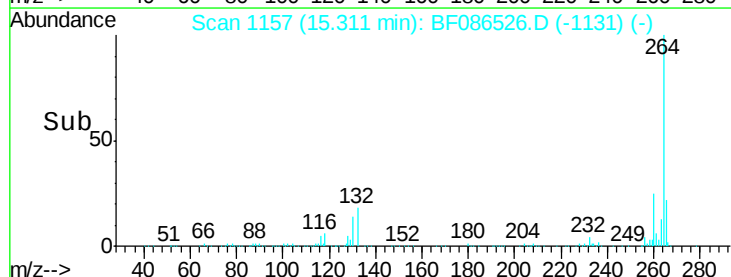
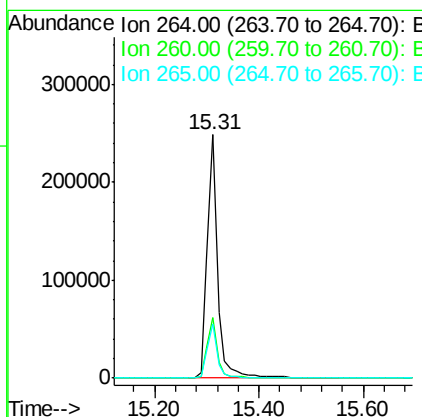
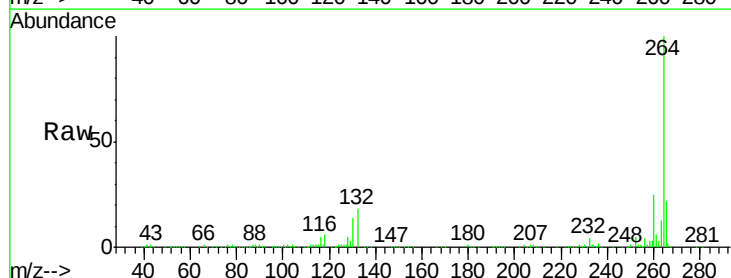
Instrument :
 BNA_F
 ClientSampleId :

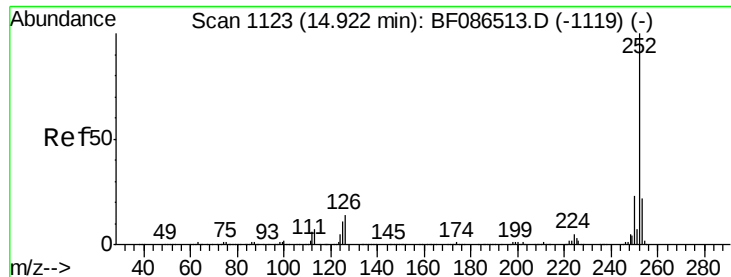
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.6	38.4
277	25.1	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086526.D
 Acq: 30 Apr 2016 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 84.44 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampled :

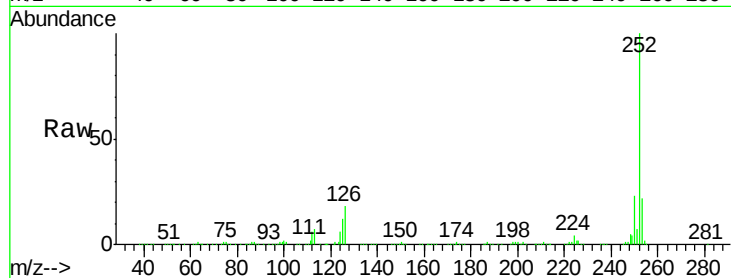
Tot Ion:252 Resp: 1705614

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

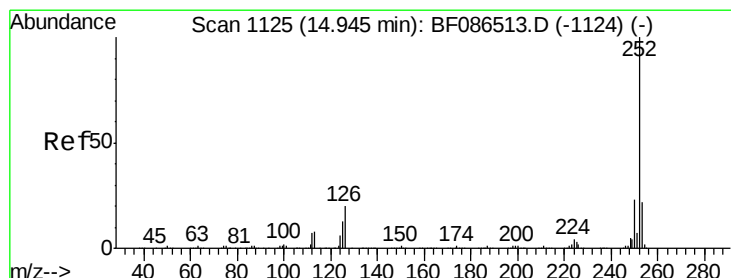
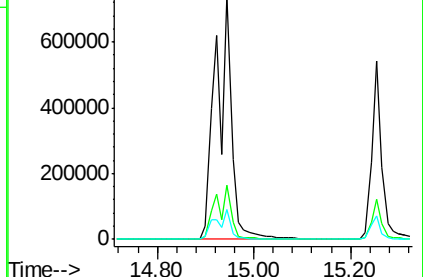
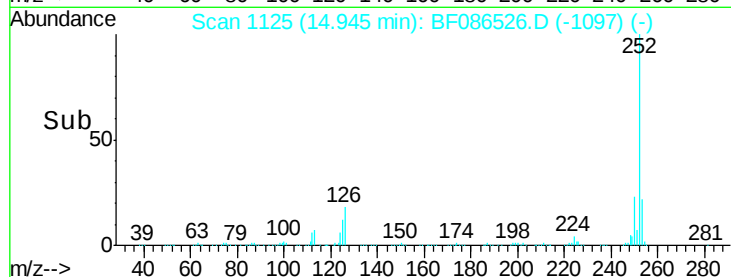
125 12.4 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 81.07 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

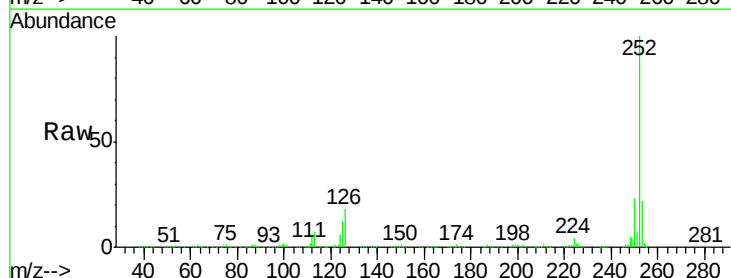
Tgt Ion:252 Resp: 1707964

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

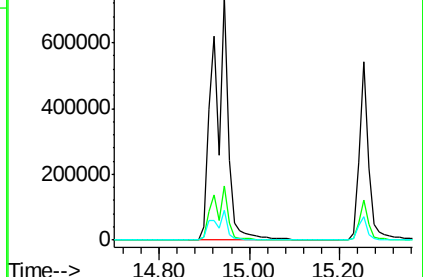
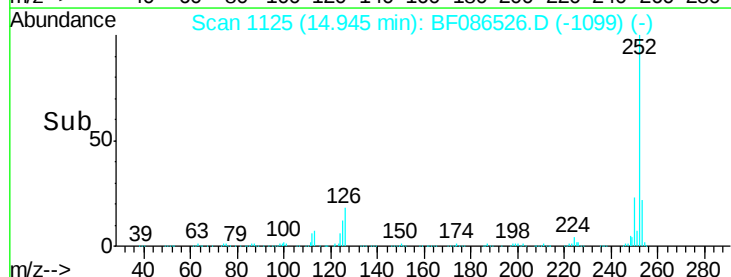
125 12.4 9.1 13.7

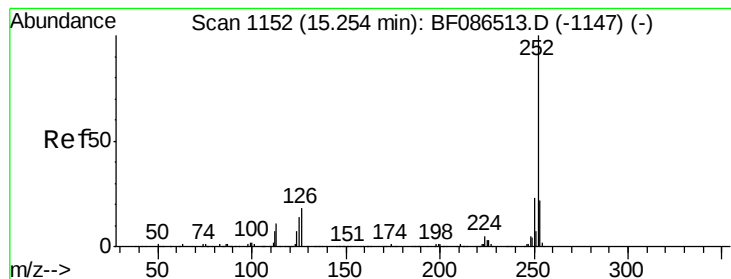


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.25 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

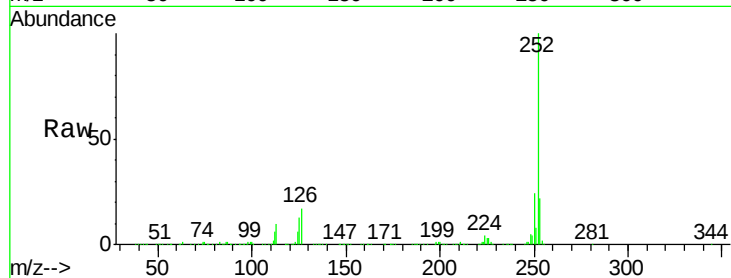
Tot Ion:252 Resp: 786640

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

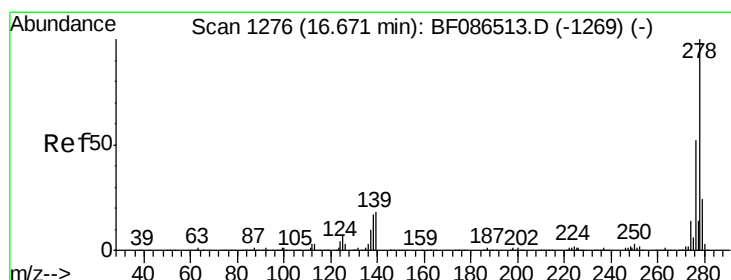
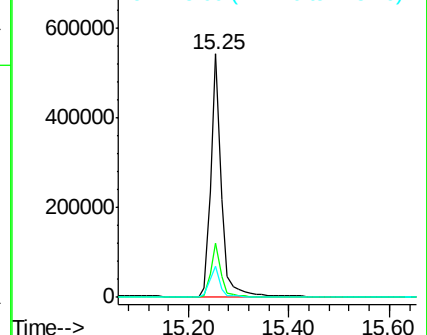
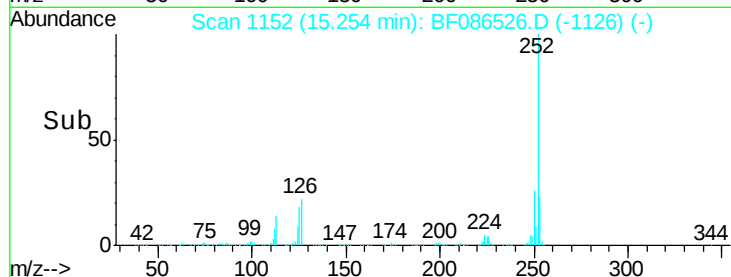
125 12.8 9.0 13.6



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: 44.42 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

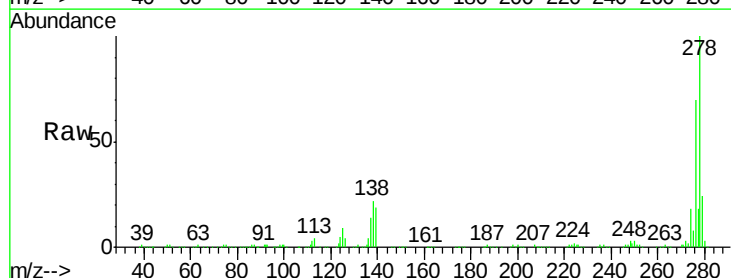
Tgt Ion:278 Resp: 693242

Ion Ratio Lower Upper

278 100

139 19.3 16.6 24.8

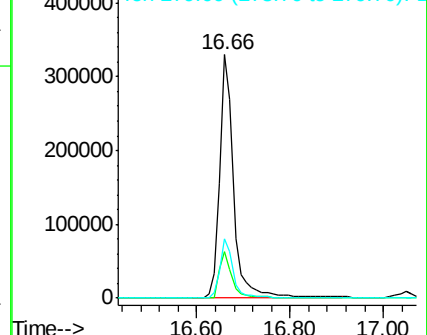
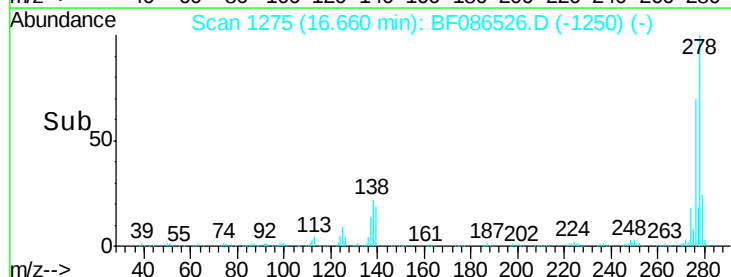
279 24.2 19.6 29.4

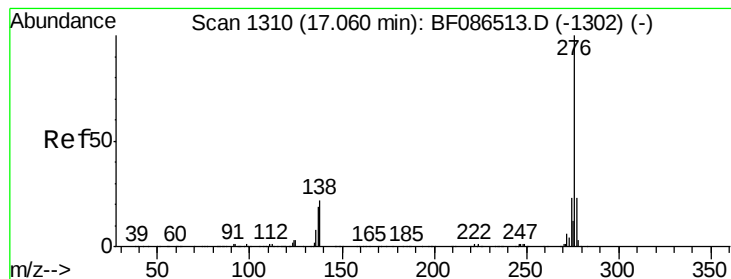


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.77 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF086526.D

Acq: 30 Apr 2016 16:24

Instrument :

BNA_F

ClientSampleId :

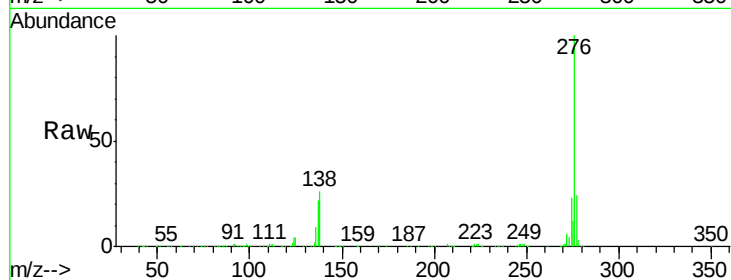
Tot Ion: 276 Resp: 700199

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 25.8 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

