Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082682.D
Acq On : 4 Nov 2015 4:09
Operator : UM/IZ
Sample : G4229-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GACMEDIA-151029MS

Quant Time: Nov 04 06:04:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	176272	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	711677	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	359920	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	661007	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	466161	20.00	ng		-0.01
86) Perylene-d12	15.48	264	365373	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1287538	110.01	ng		0.02
7) Phenol-d6	6.51	99	1850276	119.00	ng		0.00
23) Nitrobenzene-d5	7.45	82	1476440	84.72	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	605711	153.77	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2341626	92.37	ng		0.00
78) Terphenyl-d14	13.00	244	2396540	112.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	195234	36.08	ng	#	78
3) Pyridine	3.33	79	393856	24.83	ng		98
4) n-Nitrosodimethylamine	3.25	42	294061	32.93	ng		90
6) Aniline	6.54	93	121918	5.63	ng		98
8) 2-Chlorophenol	6.67	128	514537	40.63	ng		100
9) Benzaldehyde	6.42	77	95825	9.03	ng		90
10) Phenol	6.53	94	552539	31.36	ng		77
11) bis(2-Chloroethyl)ether	6.61	93	533013	41.01	ng		95
12) 1,3-Dichlorobenzene	6.82	146	548004	37.95	ng		93
13) 1,4-Dichlorobenzene	6.90	146	604122	42.19	ng		95
14) 1,2-Dichlorobenzene	7.05	146	501689	37.74	ng		92
15) Benzyl Alcohol	7.02	79	466243	32.16	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.16	45	821242	39.76	ng		98
17) 2-Methylphenol	7.14	107	483367	44.89	ng		97
18) Hexachloroethane	7.40	117	208971	37.39	ng	#	72
19) n-Nitroso-di-n-propylamine	7.30	70	448186	38.03	ng		88
20) 3+4-Methylphenols	7.29	107	542041	38.74	ng	#	89
22) Acetophenone	7.29	105	776156	37.04	ng	#	85
24) Nitrobenzene	7.46	77	612251	34.75	ng	#	88
25) Isophorone	7.71	82	1218635	38.01	ng	#	94
26) 2-Nitrophenol	7.78	139	265656	41.28	ng		84
27) 2,4-Dimethylphenol	7.82	122	544959	43.38	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	643935	36.72	ng		98
29) 2,4-Dichlorophenol	8.02	162	459505	40.13	ng		86
30) 1,2,4-Trichlorobenzene	8.11	180	509777	40.12	ng		96
31) Naphthalene	8.19	128	1599377	41.53	ng		100
32) Benzoic acid	7.94	122	328495	36.05	ng		97
33) 4-Chloroaniline	8.24	127	50312	3.06	ng	#	91
34) Hexachlorobutadiene	8.32	225	334861	41.44	ng		98
35) Caprolactam	8.60	113	95138	27.08	ng	#	86
36) 4-Chloro-3-methylphenol	8.72	107	524617	38.91	ng		95
37) 2-Methylnaphthalene	8.88	142	1024058	41.03	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	456350	38.00	ng		97
40) Hexachlorocyclopentadiene	9.05	237	643377	85.21	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082682.D
Acq On : 4 Nov 2015 4:09
Operator : UM/IZ
Sample : G4229-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GACMEDIA-151029MS

Quant Time: Nov 04 06:04:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	407777	47.02	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	375361	43.44	ng	#	85
45) 1,1'-Biphenyl	9.34	154	1195042	39.31	ng		96
46) 2-Chloronaphthalene	9.37	162	962217	40.53	ng		95
47) 2-Nitroaniline	9.46	65	336910	36.51	ng		91
48) Acenaphthylene	9.79	152	1603911	42.24	ng		97
49) Dimethylphthalate	9.65	163	1350286	45.94	ng		99
50) 2,6-Dinitrotoluene	9.71	165	283401	46.52	ng	#	61
51) Acenaphthene	9.96	154	1158883	48.08	ng		98
52) 3-Nitroaniline	9.87	138	42852	6.32	ng	#	72
53) 2,4-Dinitrophenol	9.97	184	282307	86.40	ng	#	33
54) Dibenzofuran	10.13	168	1526318	46.66	ng		91
55) 4-Nitrophenol	10.03	139	336382	65.96	ng	#	81
56) 2,4-Dinitrotoluene	10.11	165	409465	49.70	ng	#	82
57) Fluorene	10.48	166	1187615	45.01	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	331792	45.43	ng		94
59) Diethylphthalate	10.35	149	1245948	41.64	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	538667	42.00	ng	#	87
61) 4-Nitroaniline	10.48	138	134289	20.76	ng	#	84
62) Azobenzene	10.62	77	1380292	40.90	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	184848	46.37	ng	#	51
65) n-Nitrosodiphenylamine	10.58	169	510279	22.46	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	373377	49.84	ng	#	86
67) Hexachlorobenzene	11.02	284	407558	49.07	ng	#	69
68) Atrazine	11.10	200	81852	11.01	ng		97
69) Pentachlorophenol	11.22	266	498422	91.00	ng		98
70) Phenanthrene	11.44	178	1770217	47.48	ng		98
71) Anthracene	11.48	178	1635956	43.58	ng		100
72) Carbazole	11.63	167	715401	21.88	ng		98
73) Di-n-butylphthalate	11.97	149	1836647	44.13	ng		100
74) Fluoranthene	12.61	202	1638814	43.00	ng		98
76) Benzidine	12.75	184	47972	2.28	ng		99
77) Pyrene	12.84	202	1580689	45.79	ng		99
79) Butylbenzylphthalate	13.47	149	789727	52.23	ng		99
80) Benzo(a)anthracene	14.03	228	1350482	45.61	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	27375	2.68	ng	#	97
82) Chrysene	14.08	228	1295693	48.28	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	1228128	62.66	ng	#	98
84) Di-n-octyl phthalate	14.65	149	1782030	58.29	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1240333	56.00	ng		99
87) Benzo(b)fluoranthene	15.07	252	1117739	44.36	ng		99
88) Benzo(k)fluoranthene	15.07	252	1117739	58.23	ng	#	98
89) Benzo(a)pyrene	15.43	252	981039	49.44	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	1088409	58.79	ng		99
91) Benzo(g,h,i)perylene	17.32	276	1025192	57.14	ng		98

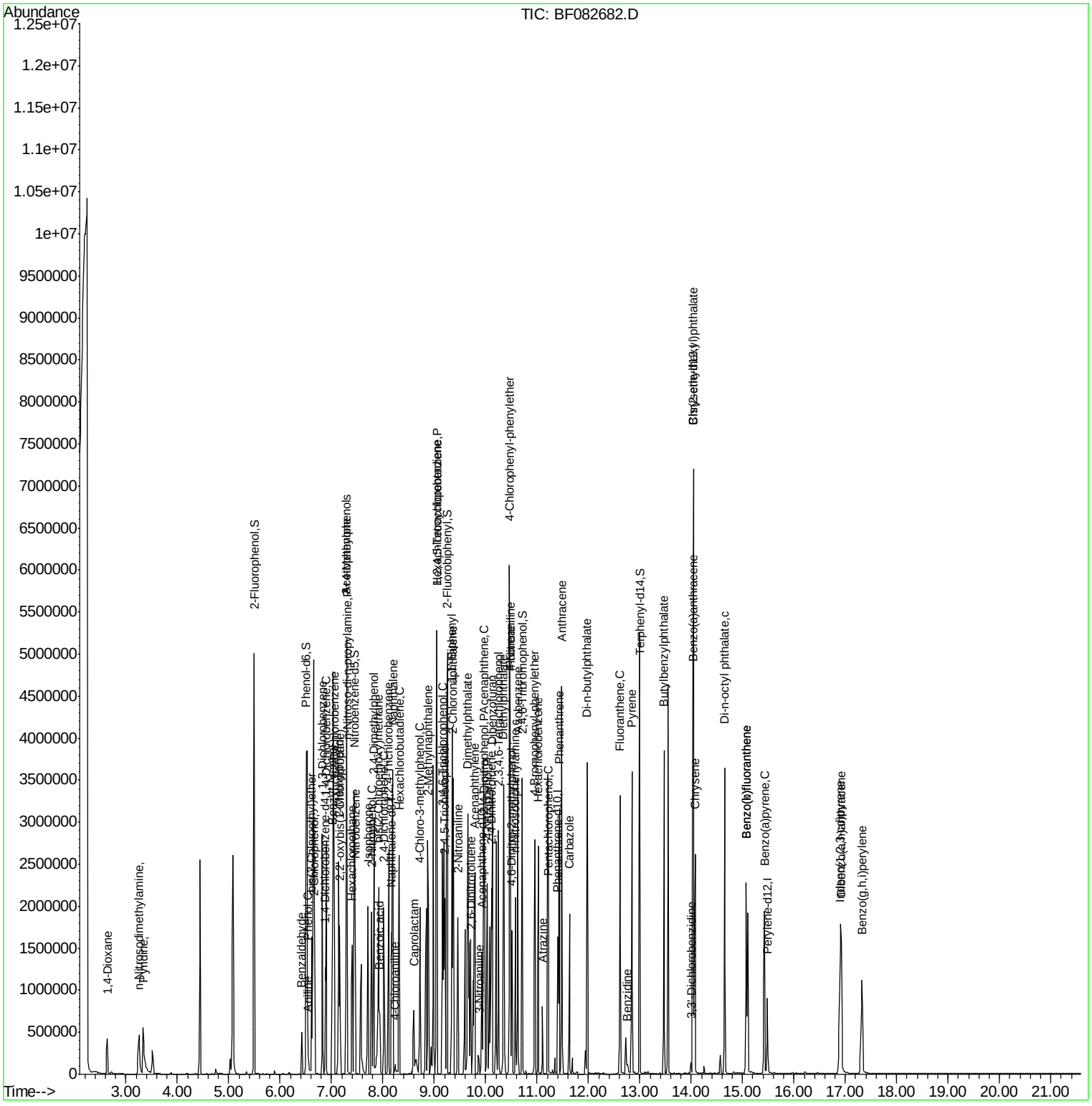
(#) = qualifier out of range (m) = manual integration (+) = signals summed

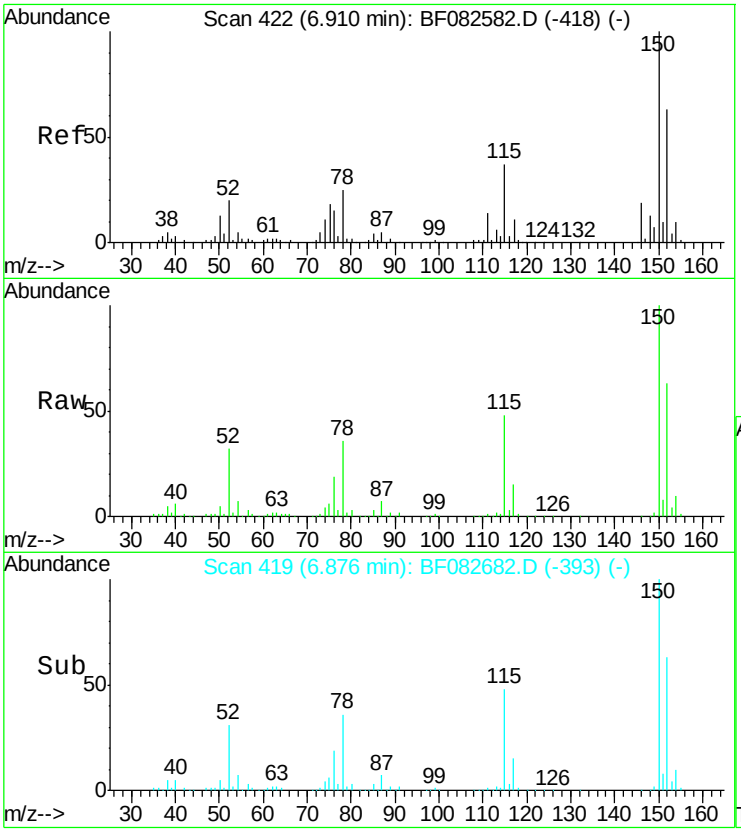
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110415\
Data File : BF082682.D
Acq On : 4 Nov 2015 4:09
Operator : UM/IZ
Sample : G4229-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Quant Time: Nov 04 06:04:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration



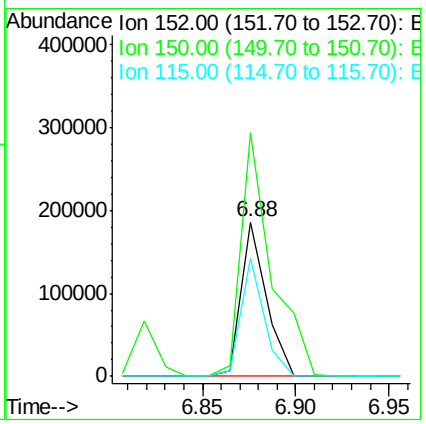


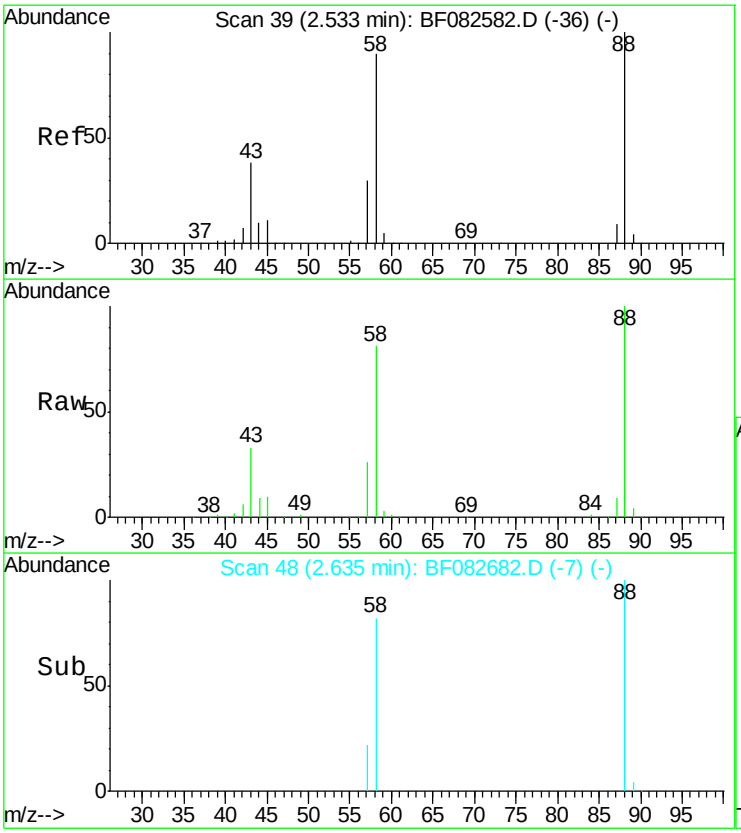
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:152 Resp: 176272

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.0	190.4
115	76.1	47.0	70.6#

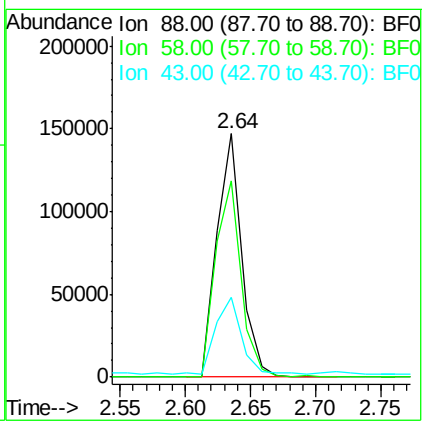


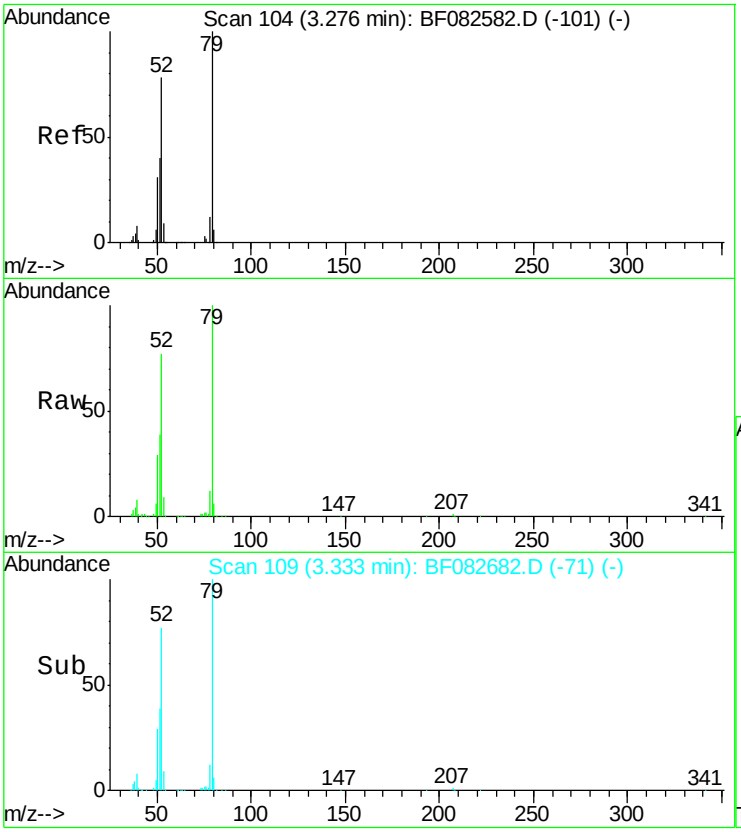


#2
1,4-Dioxane
Concen: 36.08 ng
RT: 2.64 min Scan# 48
Delta R.T. 0.17 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 88 Resp: 195234

Ion	Ratio	Lower	Upper
88	100		
58	83.4	62.0	93.0
43	0.0	26.6	40.0#



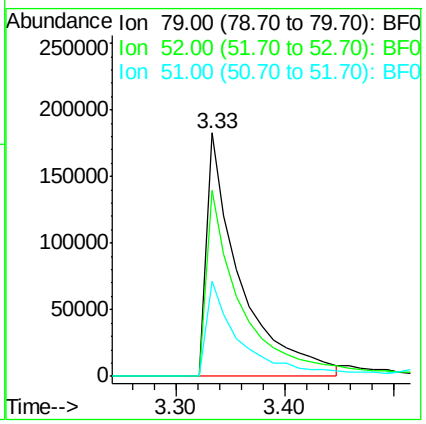


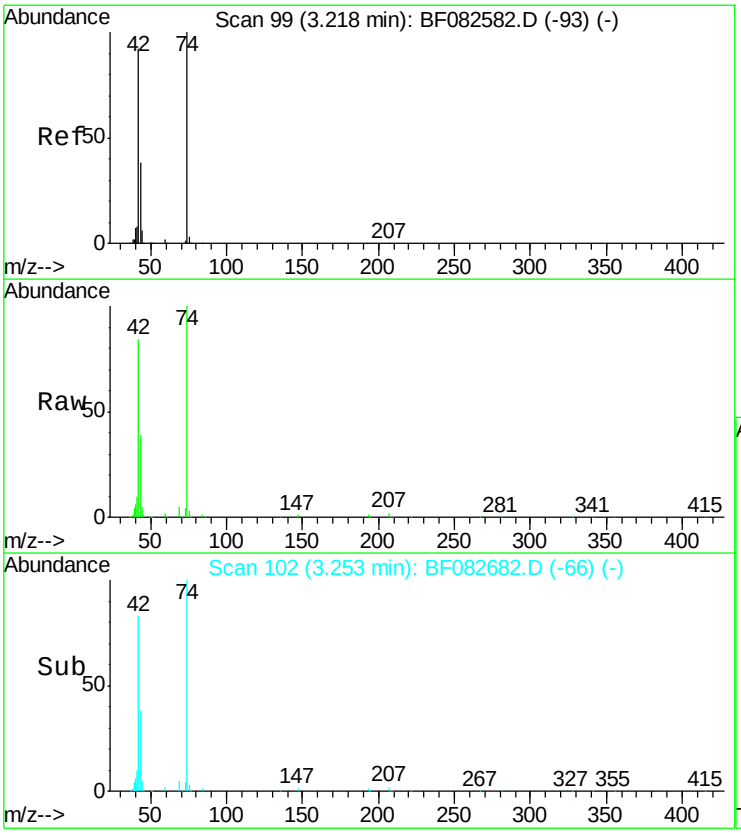
#3
Pyridine
Concen: 24.83 ng
RT: 3.33 min Scan# 109
Delta R.T. 0.14 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 79 Resp: 393856

Ion	Ratio	Lower	Upper
79	100		
52	76.6	62.8	94.2
51	39.2	32.0	48.0

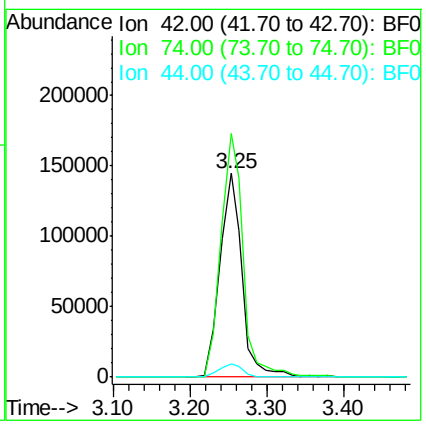


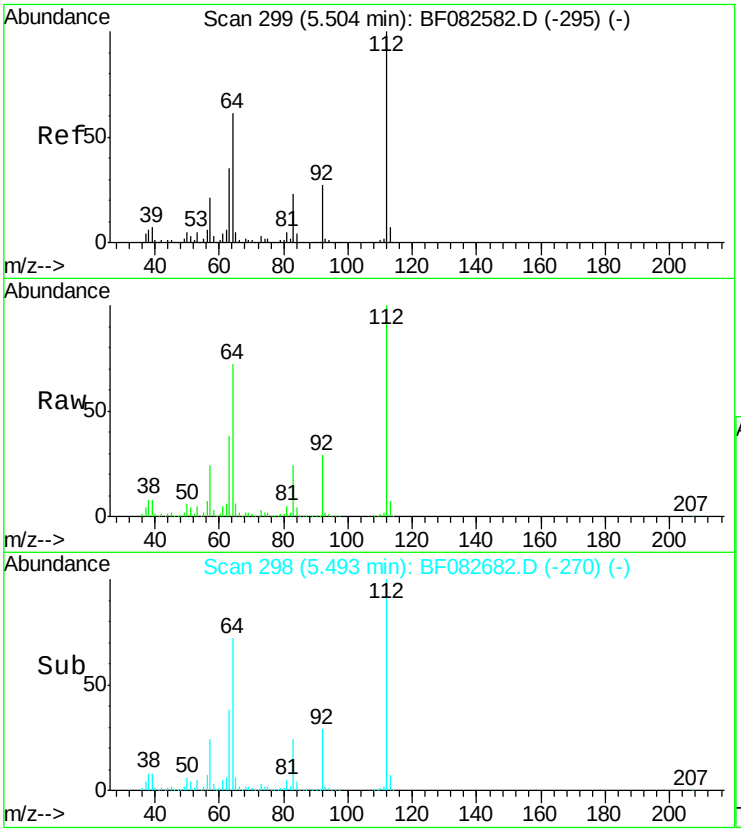


#4
n-Nitrosodimethylamine
Concen: 32.93 ng
RT: 3.25 min Scan# 102
Delta R.T. 0.11 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 42 Resp: 294061

Ion	Ratio	Lower	Upper
42	100		
74	119.6	87.0	130.4
44	6.4	5.8	8.8



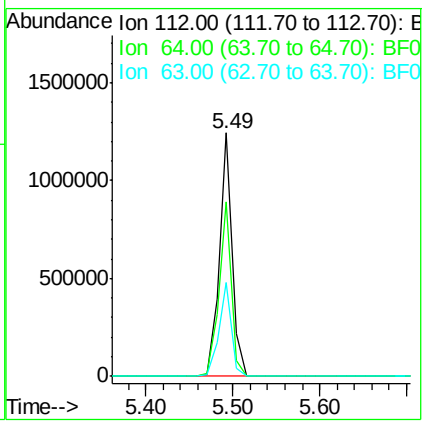


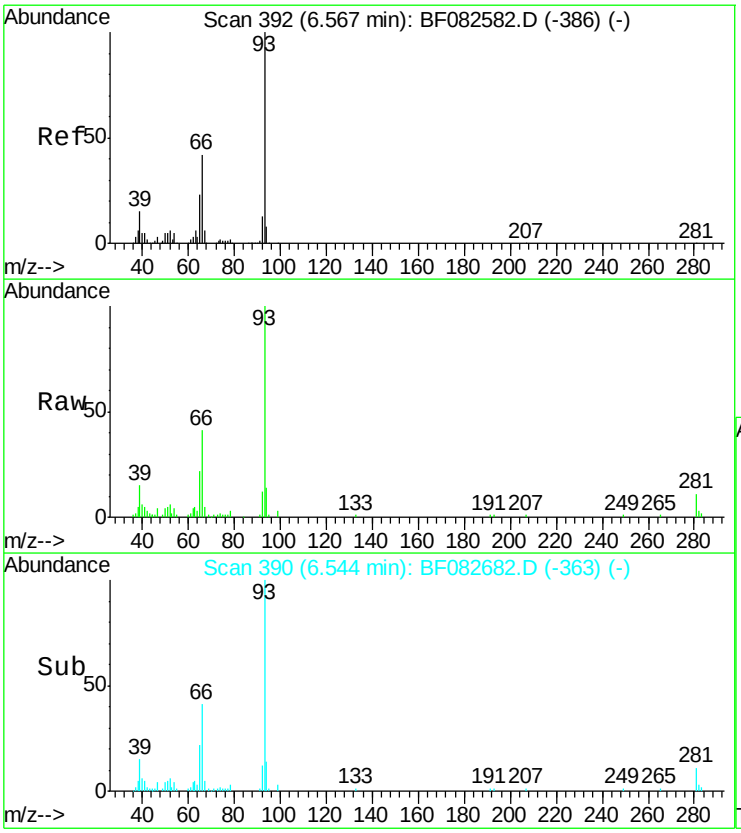
#5
2-Fluorophenol
Concen: 110.01 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.02 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:112 Resp: 1287538

Ion	Ratio	Lower	Upper
112	100		
64	71.8	48.9	73.3
63	38.4	28.1	42.1

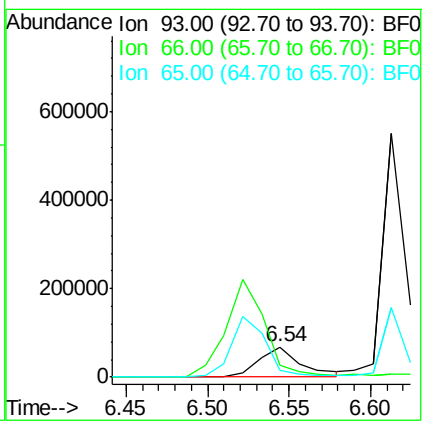


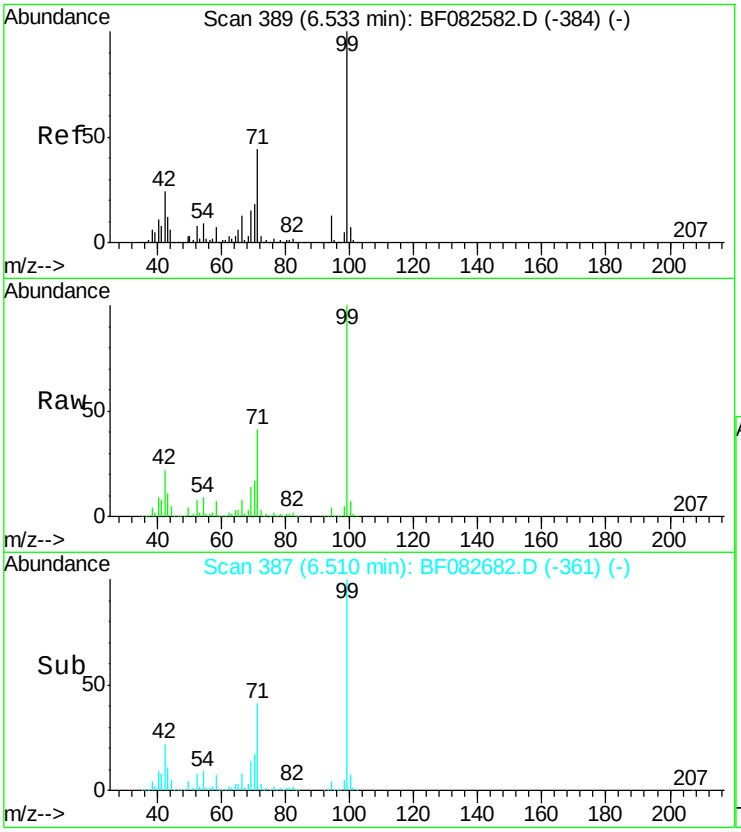


#6
Aniline
Concen: 5.63 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 93 Resp: 121918

Ion	Ratio	Lower	Upper
93	100		
66	40.6	33.6	50.4
65	22.4	18.1	27.1



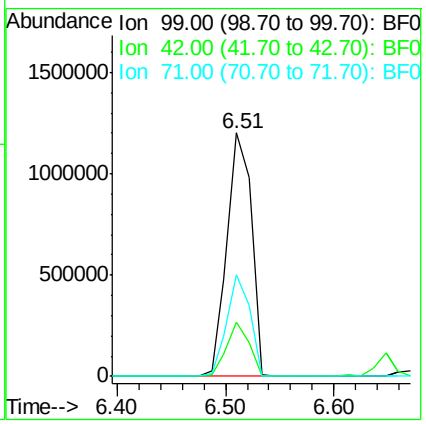


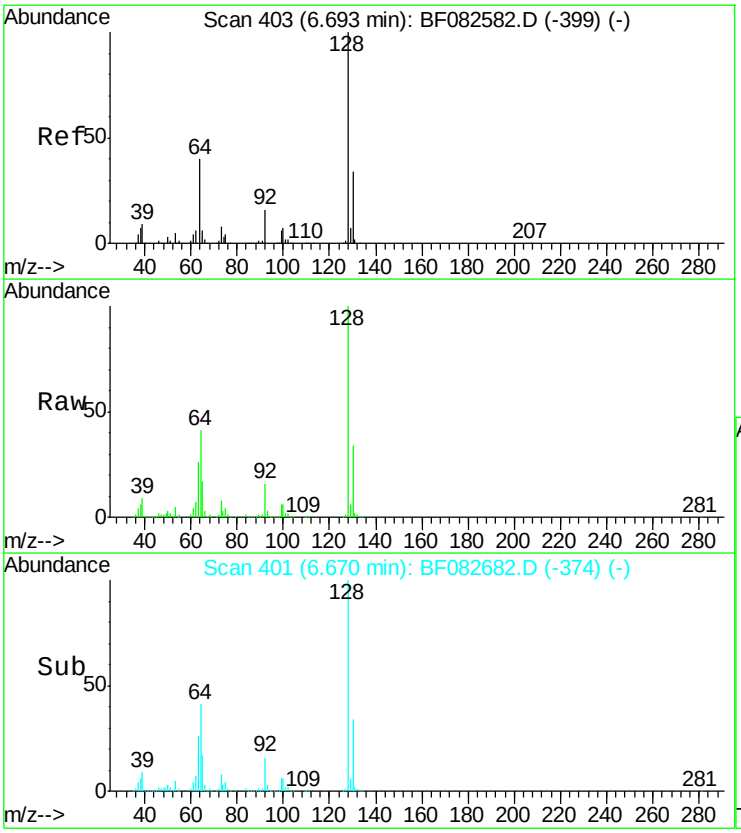
#7
Phenol-d6
Concen: 119.00 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 99 Resp: 1850276

Ion	Ratio	Lower	Upper
99	100		
42	22.2	19.2	28.8
71	41.5	35.0	52.4

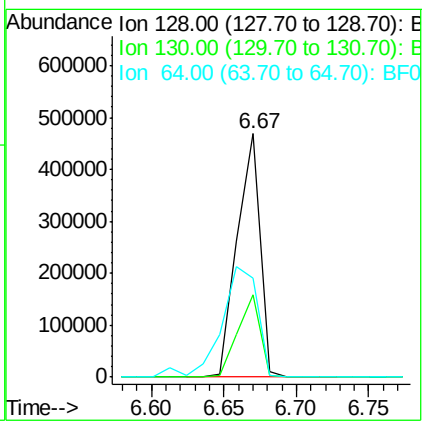


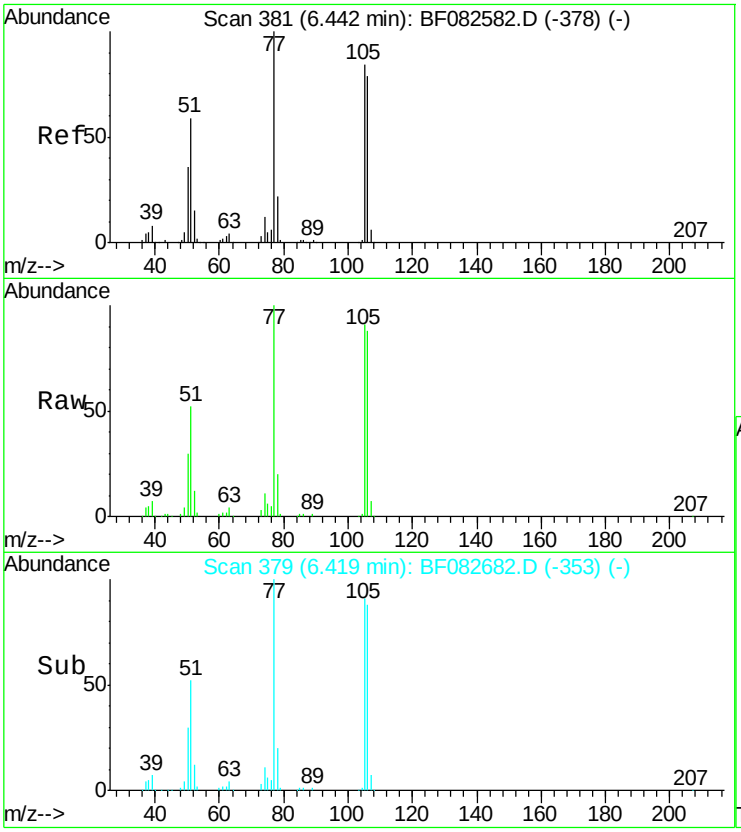


#8
2-Chlorophenol
Concen: 40.63 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:128 Resp: 514537

Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.5	53.5
64	40.9	21.1	61.1



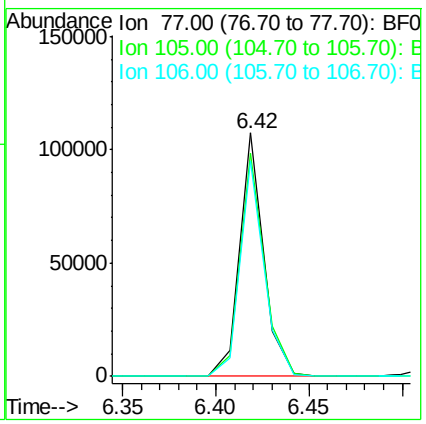


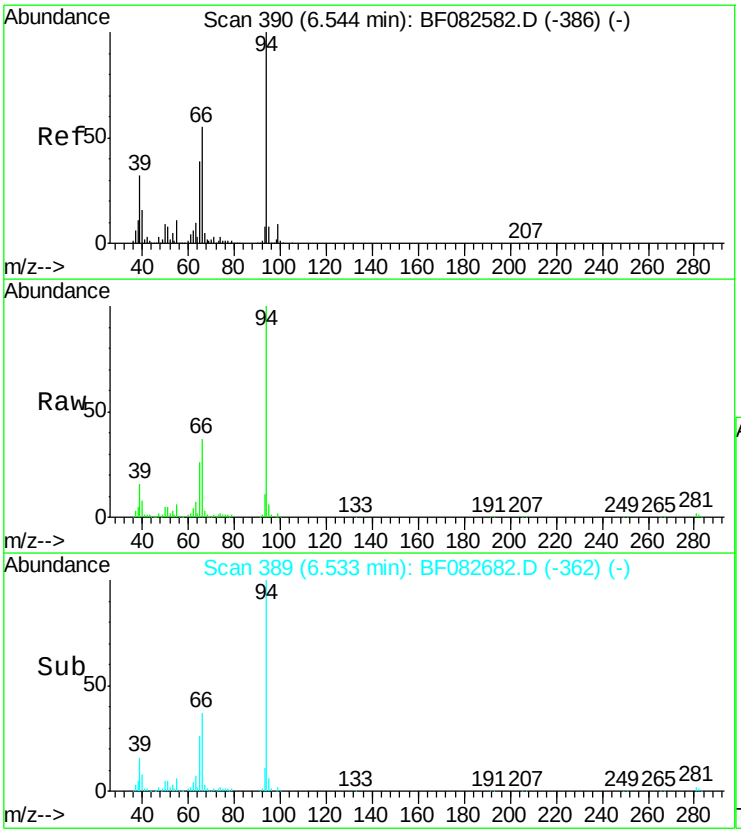
#9
Benzaldehyde
Concen: 9.03 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 77 Resp: 95825

Ion	Ratio	Lower	Upper
77	100		
105	91.5	63.5	103.5
106	88.4	59.3	99.3

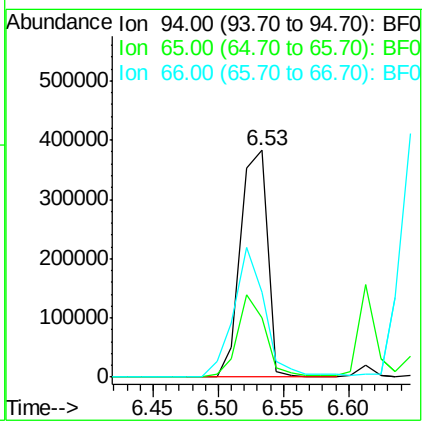


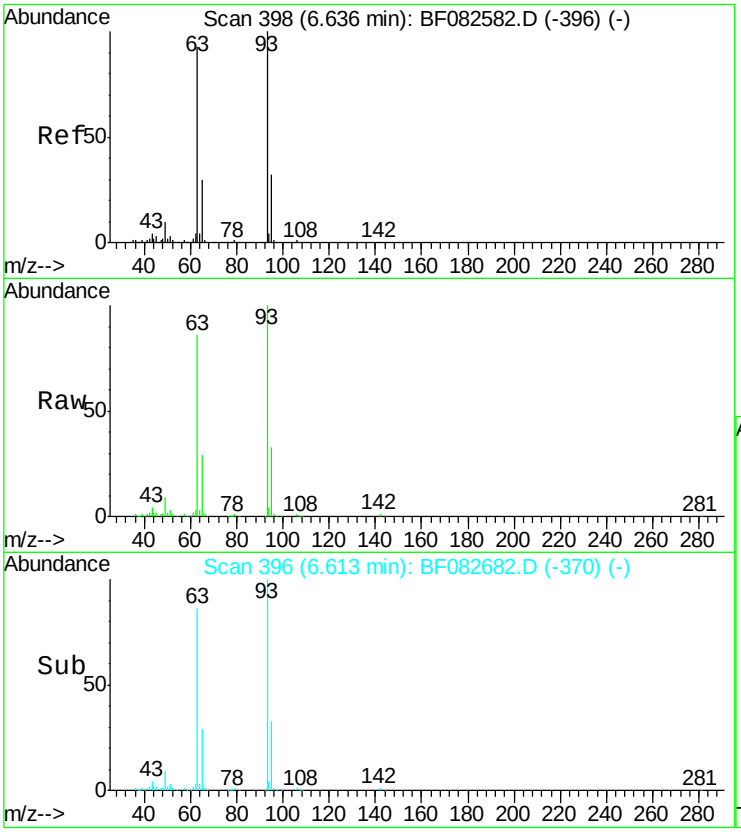


#10
Phenol
Concen: 31.36 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 94 Resp: 552539

Ion	Ratio	Lower	Upper
94	100		
65	26.0	18.9	58.9
66	37.2	34.9	74.9



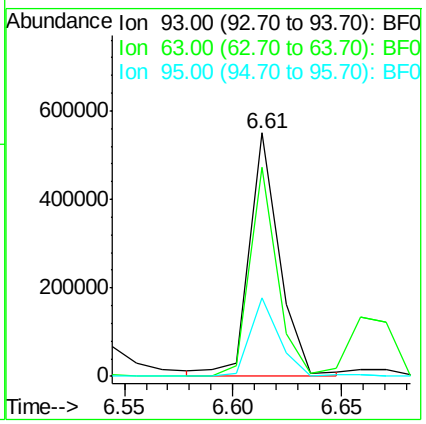


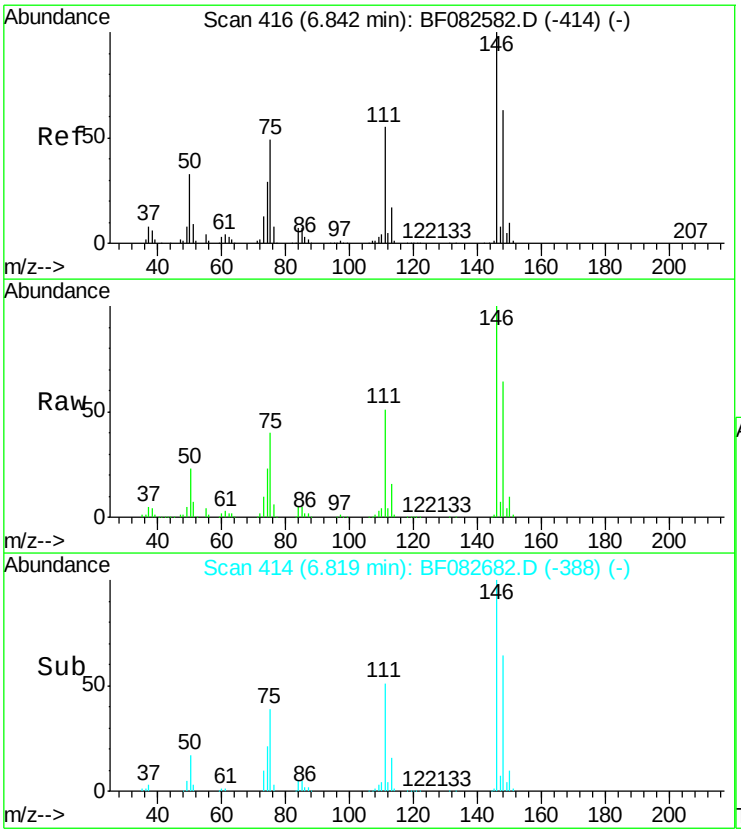
#11
bis(2-Chloroethyl)ether
Concen: 41.01 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 93 Resp: 533013

Ion	Ratio	Lower	Upper
93	100		
63	86.0	72.7	112.7
95	32.5	12.0	52.0

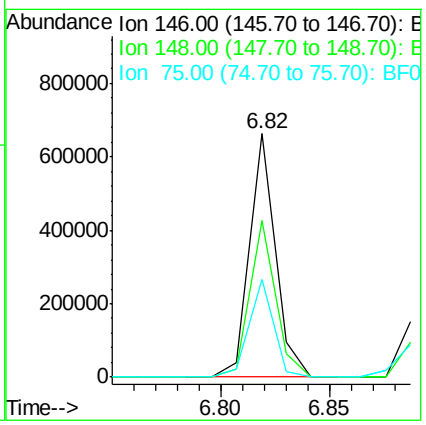


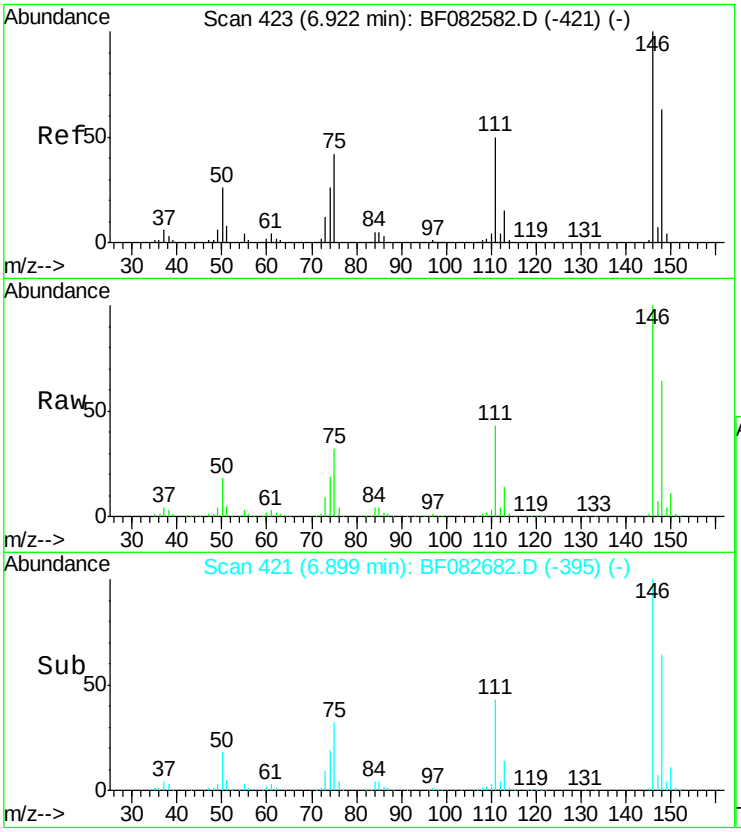


#12
1,3-Dichlorobenzene
Concen: 37.95 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:146 Resp: 548004

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	40.2	39.5	59.3



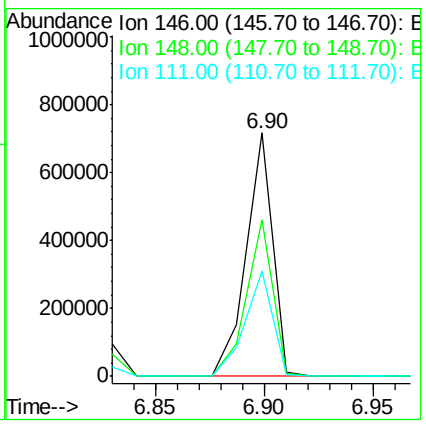


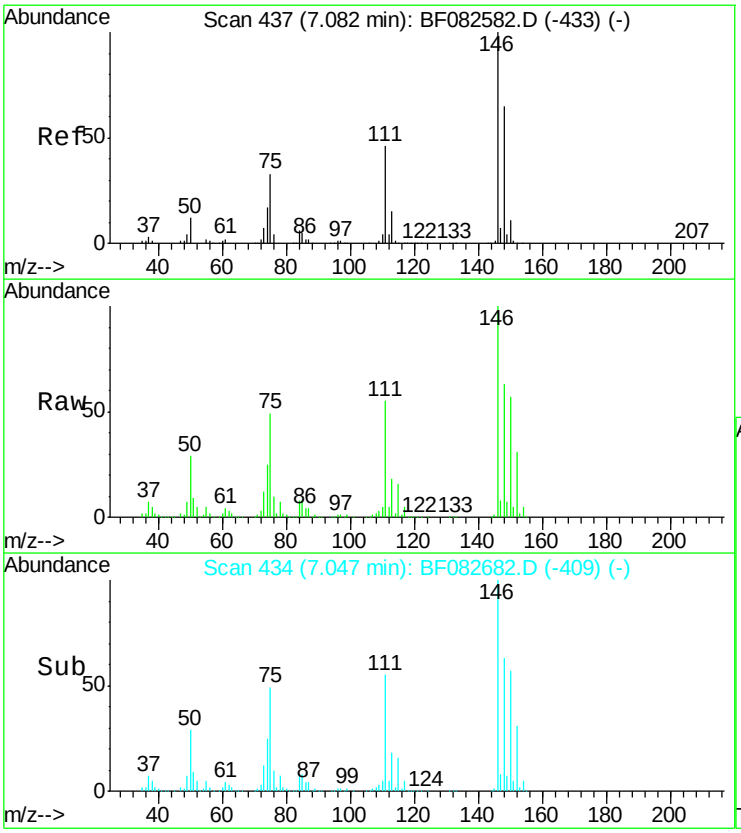
#13
1,4-Dichlorobenzene
Concen: 42.19 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:146 Resp: 604122

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.3	40.6	60.8

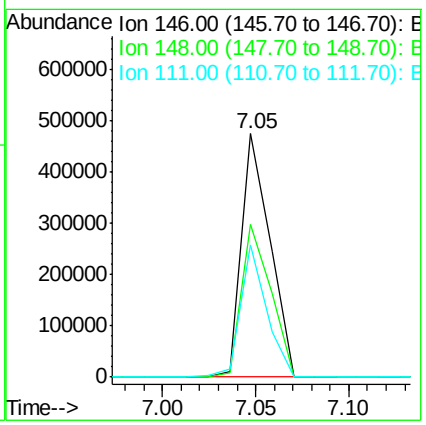


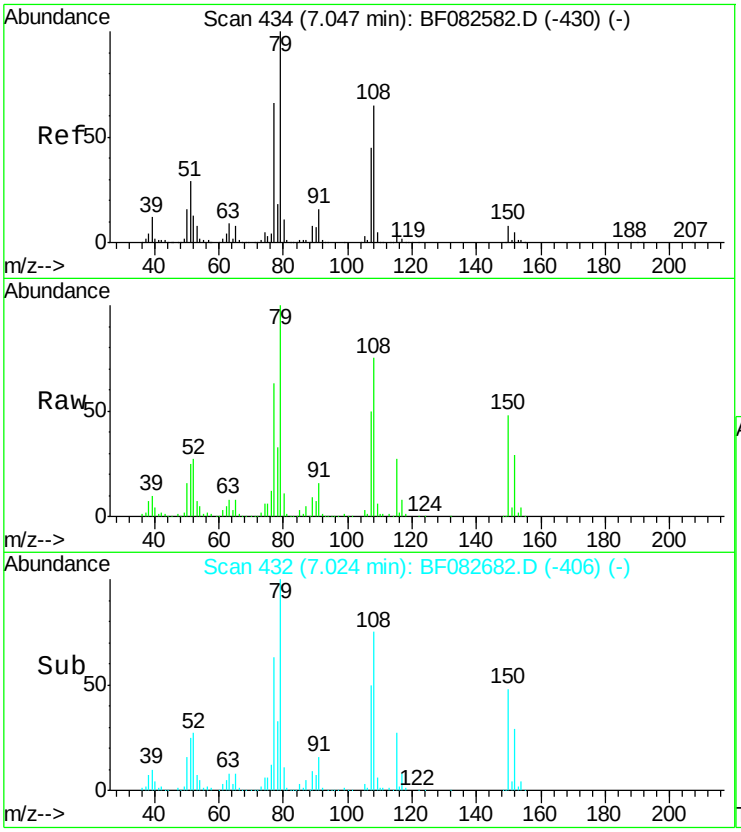


#14
1,2-Dichlorobenzene
Concen: 37.74 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:146 Resp: 501689

Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.4
111	54.6	36.6	55.0



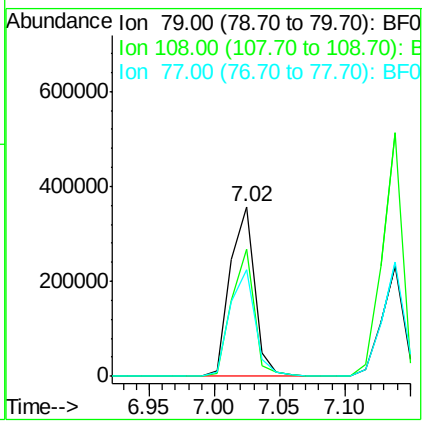


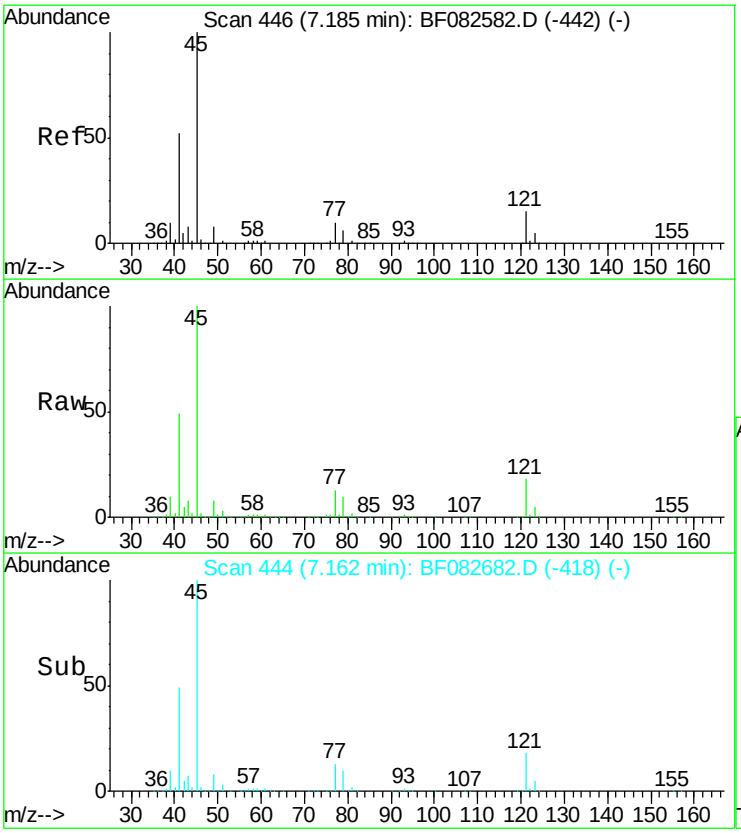
#15
Benzyl Alcohol
Concen: 32.16 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 79 Resp: 466243

Ion	Ratio	Lower	Upper
79	100		
108	75.0	52.2	78.4
77	63.2	52.7	79.1

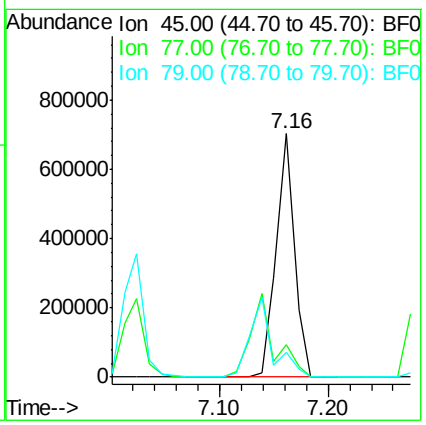


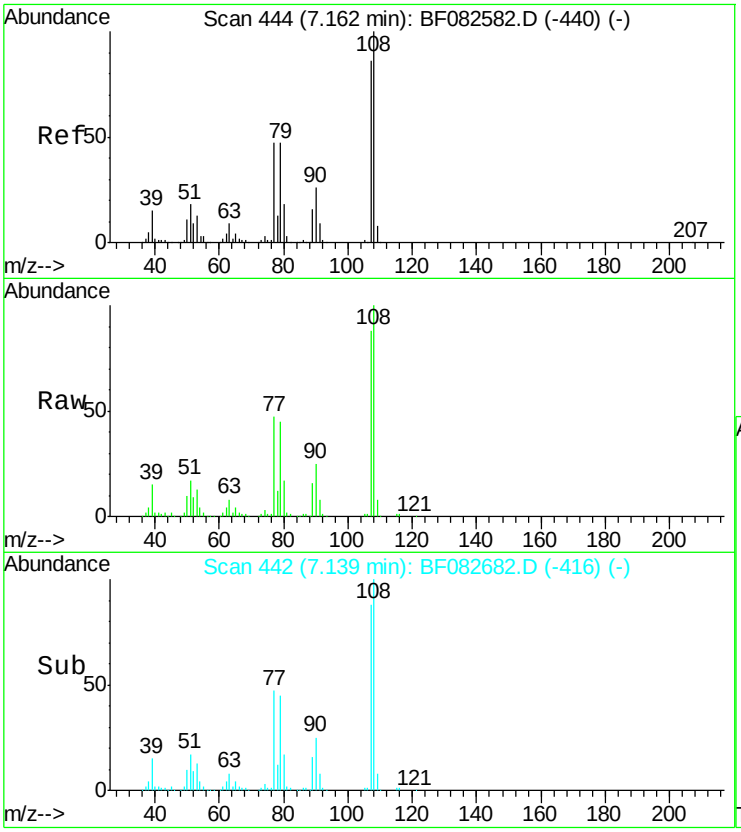


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.76 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 45 Resp: 821242

Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.6
79	10.2	0.0	29.2



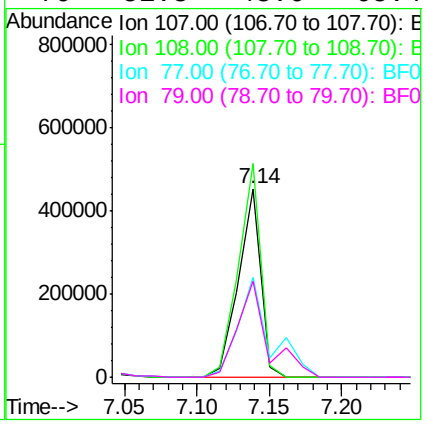


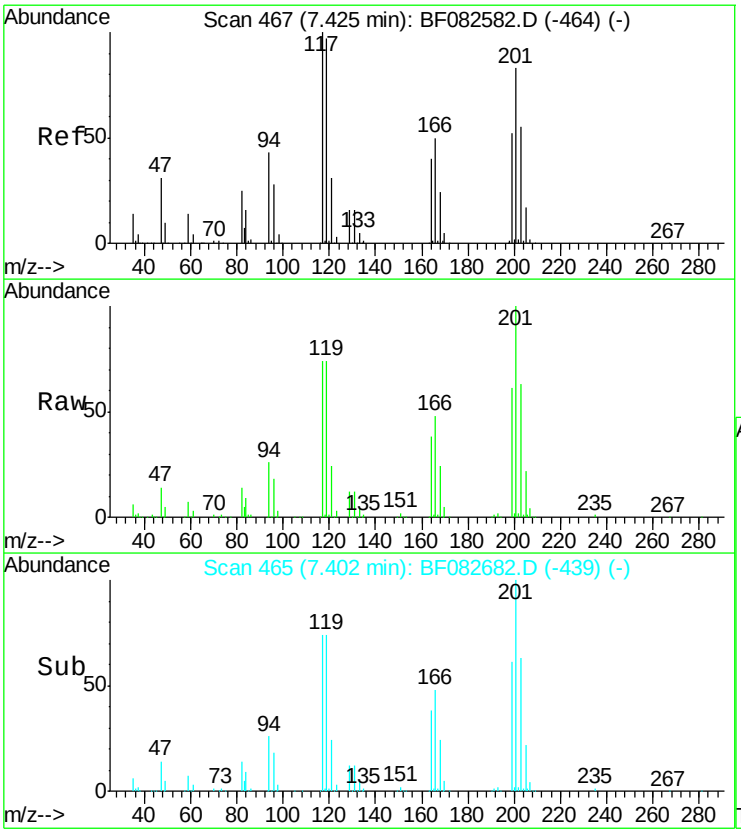
#17
2-Methylphenol
Concen: 44.89 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:107 Resp: 483367

Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.0	139.4
77	53.2	44.1	66.1
79	51.3	43.6	65.4

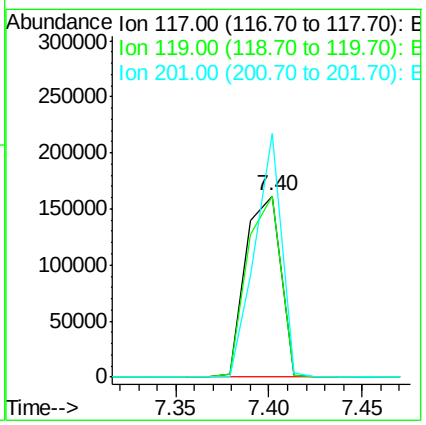


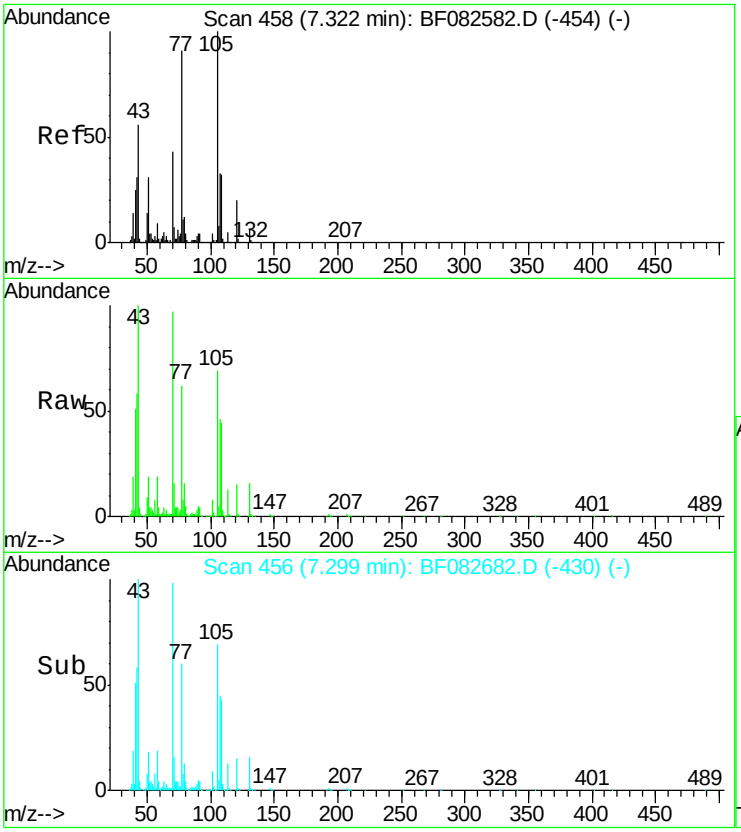


#18
Hexachloroethane
Concen: 37.39 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:117 Resp: 208971

Ion	Ratio	Lower	Upper
117	100		
119	99.9	77.7	116.5
201	134.5	66.7	100.1#



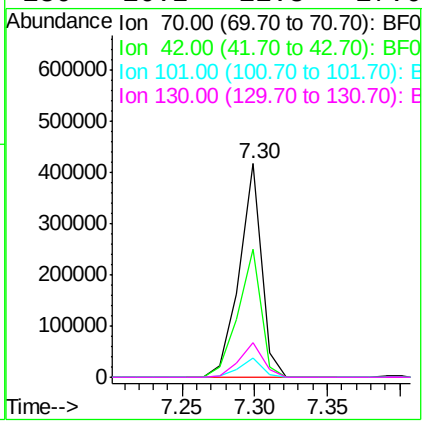


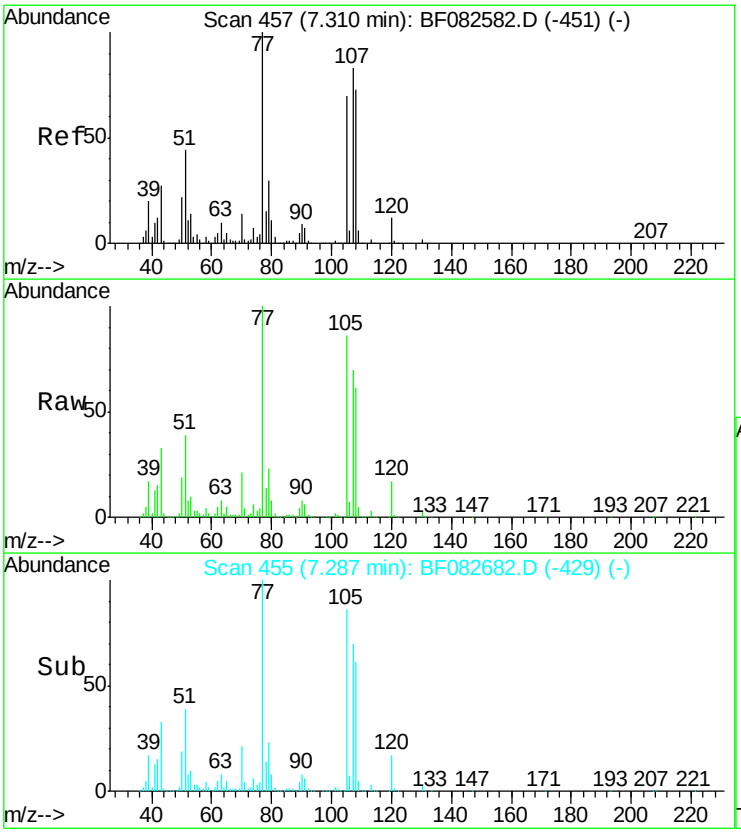
#19
n-Nitroso-di-n-propylamine
Concen: 38.03 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 70 Resp: 448186

Ion	Ratio	Lower	Upper
70	100		
42	59.7	57.7	86.5
101	8.7	7.0	10.6
130	16.2	11.8	17.6

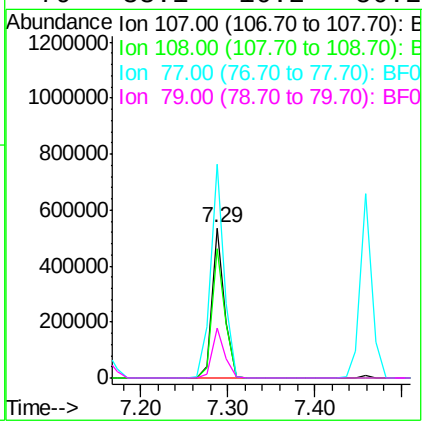


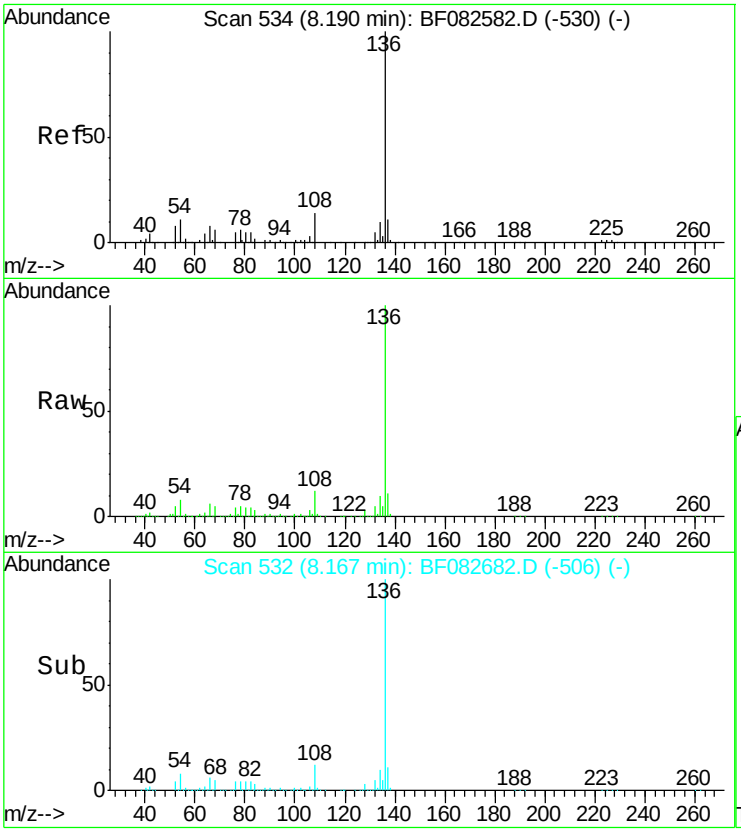


#20
3+4-Methylphenols
Concen: 38.74 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:107 Resp: 542041

Ion	Ratio	Lower	Upper
107	100		
108	86.2	67.3	107.3
77	142.2	100.3	140.3#
79	33.1	16.2	56.2



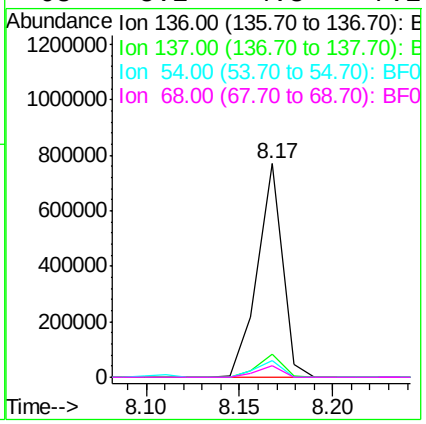


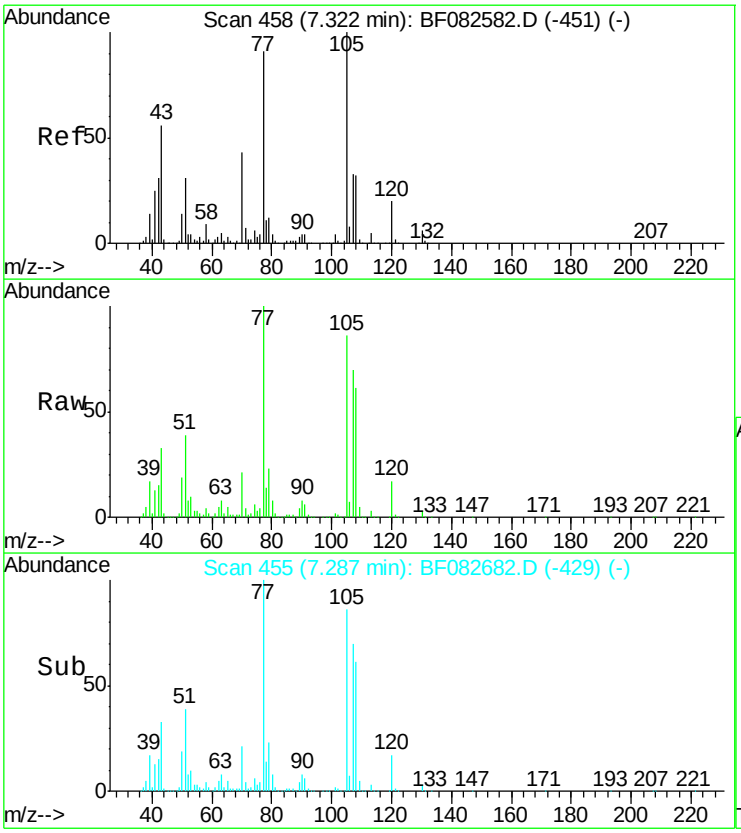
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:136 Resp: 711677

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.0	9.1	13.7#
68	5.2	4.8	7.2

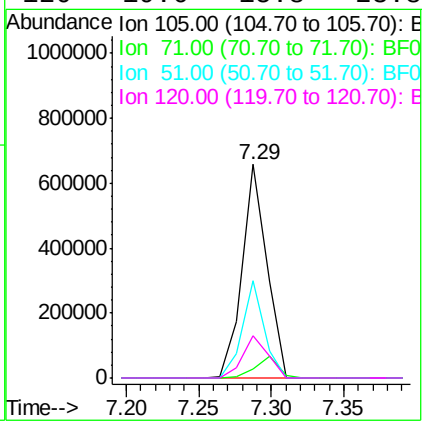


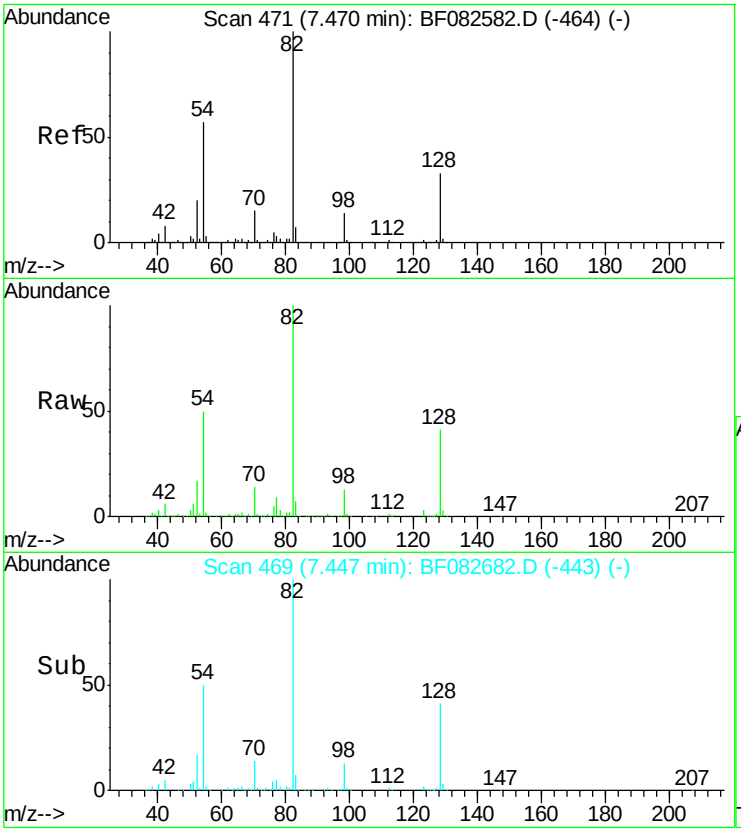


#22
Acetophenone
Concen: 37.04 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:105 Resp: 776156

Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.6	8.4#
51	45.3	24.9	37.3#
120	19.6	15.8	23.8



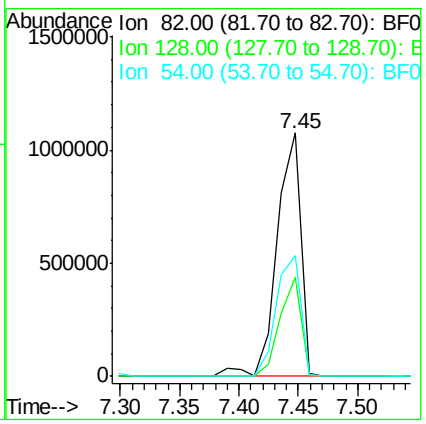


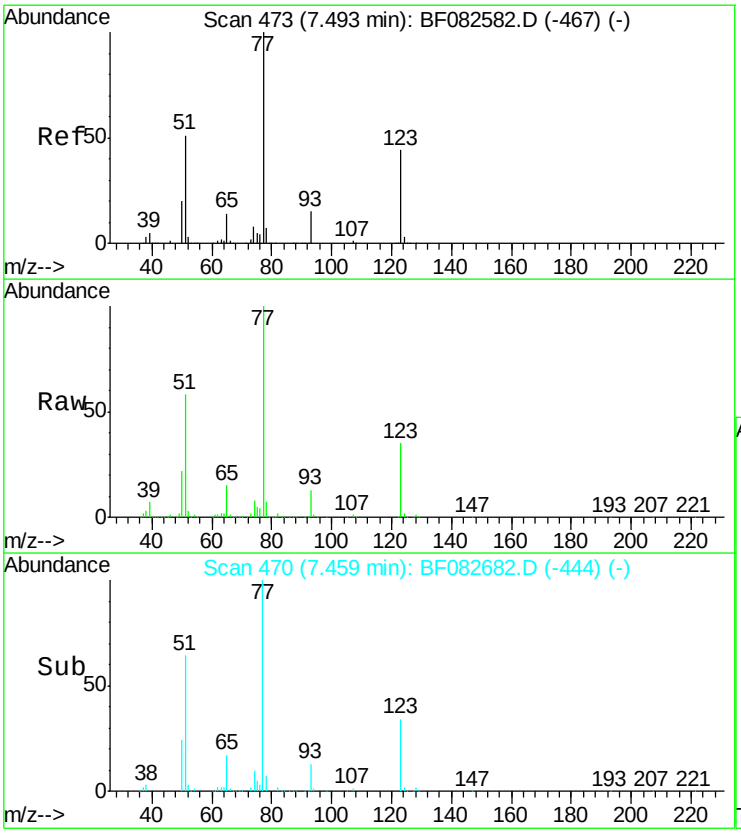
#23
Nitrobenzene-d5
Concen: 84.72 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 82 Resp: 1476440

Ion	Ratio	Lower	Upper
82	100		
128	40.7	26.8	40.2#
54	49.8	45.7	68.5

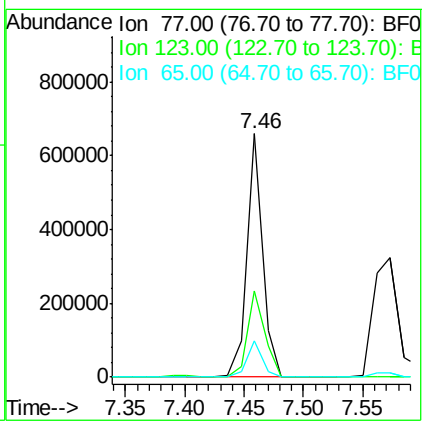


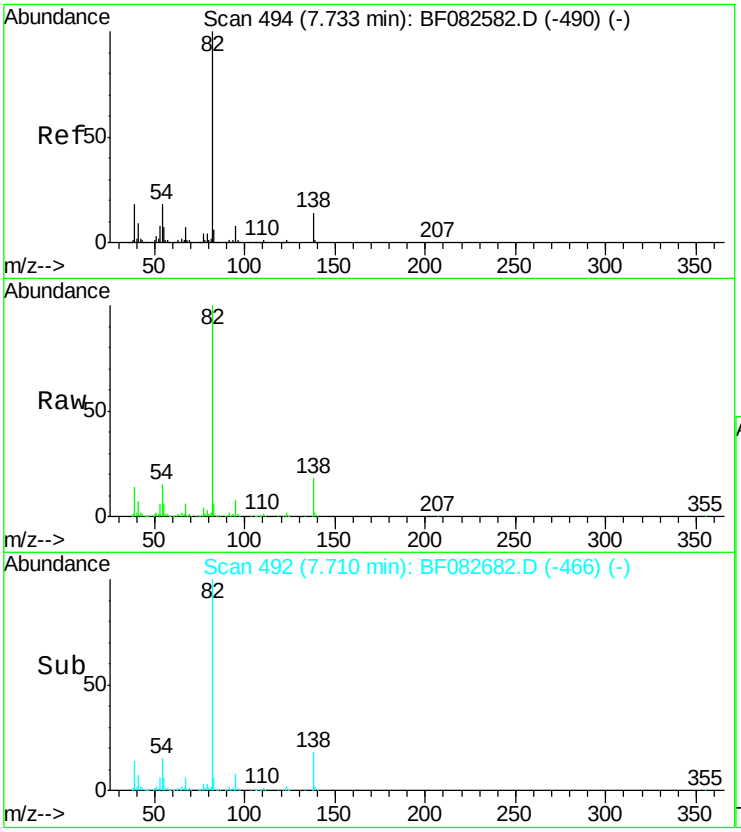


#24
Nitrobenzene
Concen: 34.75 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 77 Resp: 612251

Ion	Ratio	Lower	Upper
77	100		
123	35.1	36.4	54.6#
65	15.0	11.5	17.3



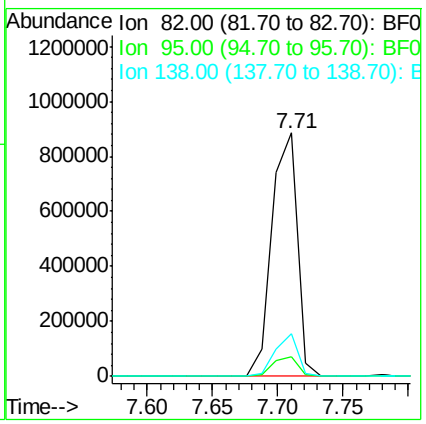


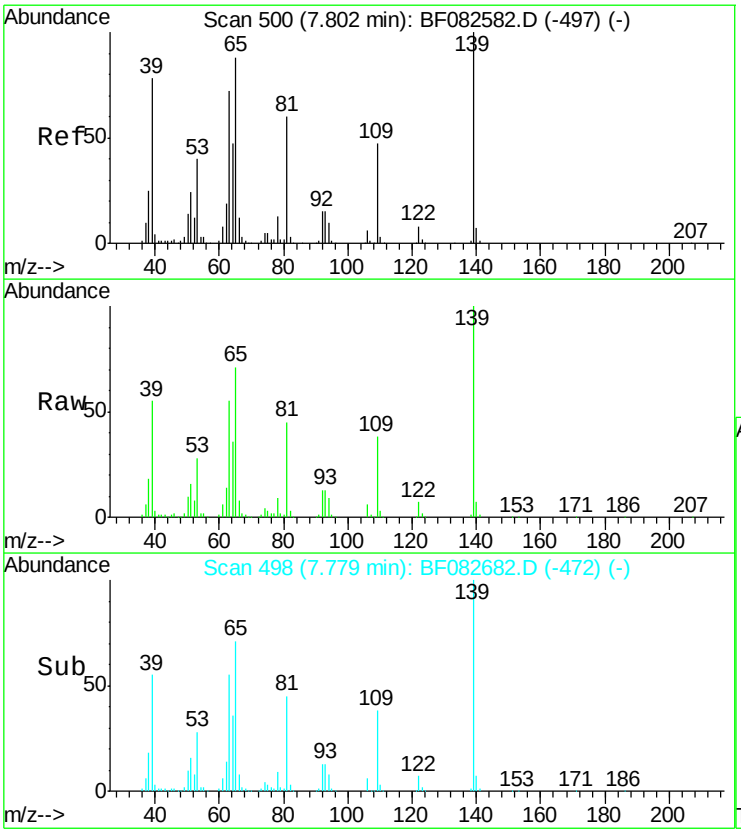
#25
Isophorone
Concen: 38.01 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 82 Resp: 1218635

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.6	9.8
138	17.7	11.4	17.0#

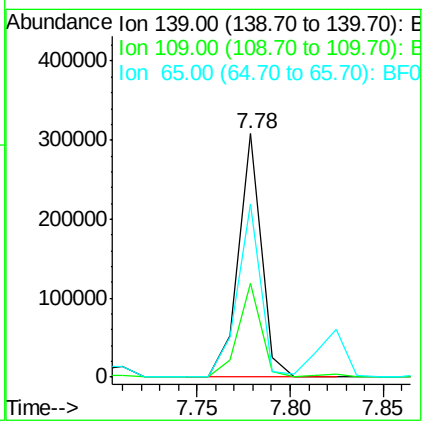


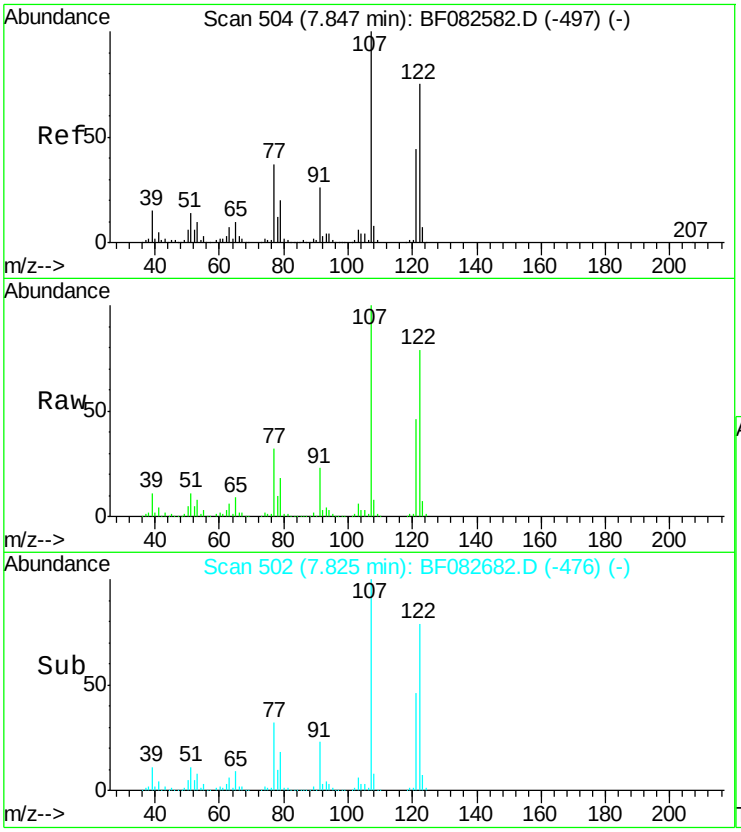


#26
2-Nitrophenol
Concen: 41.28 ng
RT: 7.78 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:139 Resp: 265656

Ion	Ratio	Lower	Upper
139	100		
109	38.4	37.6	56.4
65	71.1	70.6	105.8



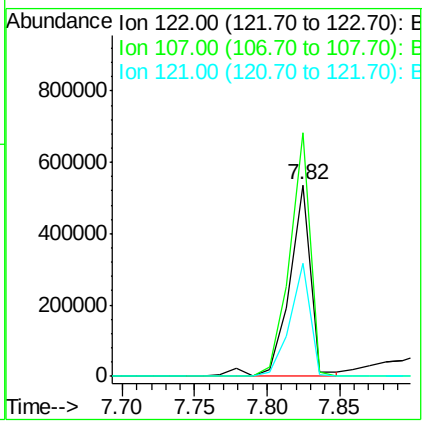


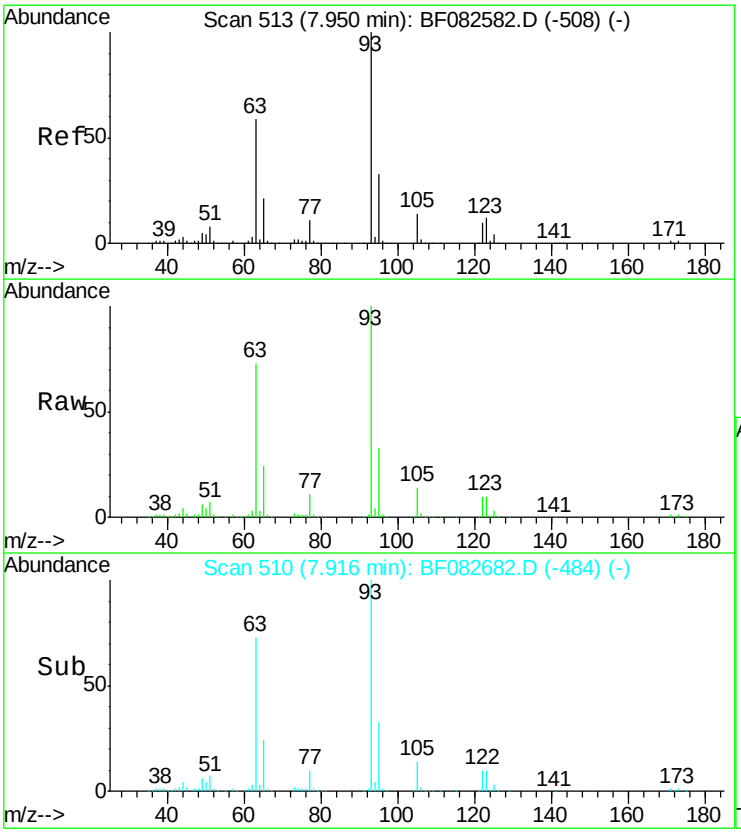
#27
2,4-Dimethylphenol
Concen: 43.38 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:122 Resp: 544959

Ion	Ratio	Lower	Upper
122	100		
107	127.1	106.0	159.0
121	58.8	46.7	70.1

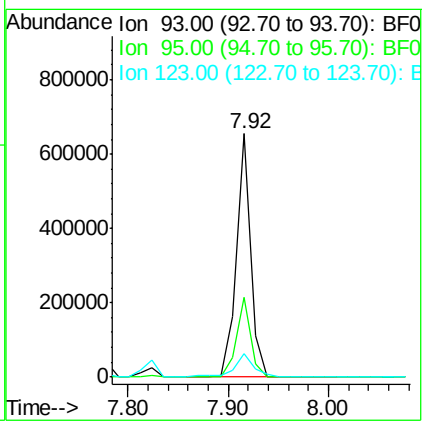


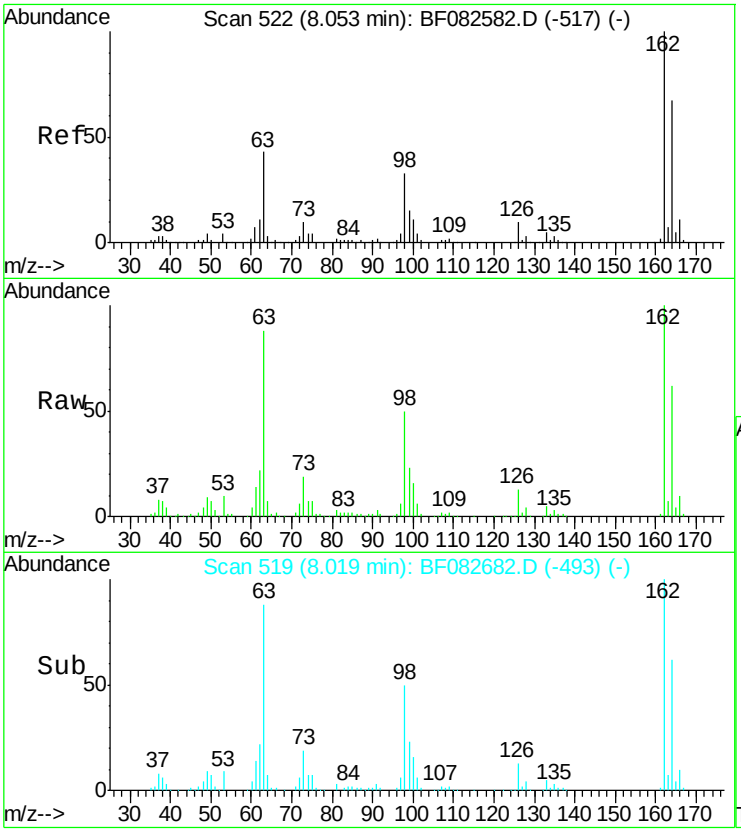


#28
bis(2-Chloroethoxy)methane
Concen: 36.72 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 93 Resp: 643935

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	40.0
123	9.8	9.7	14.5



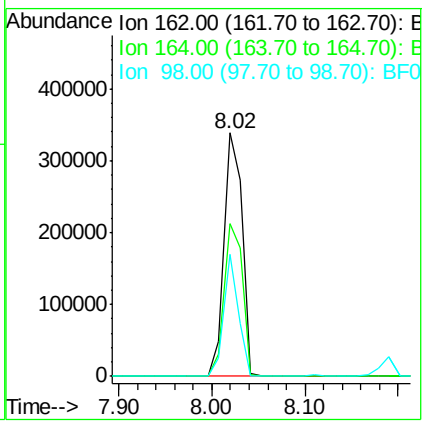


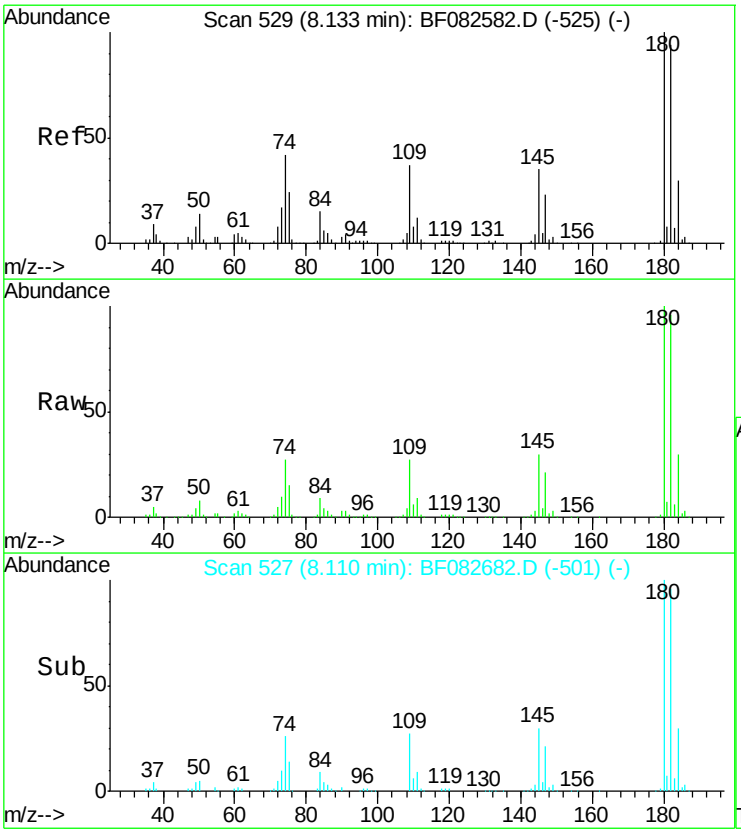
#29
2,4-Dichlorophenol
Concen: 40.13 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:162 Resp: 459505

Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.8	86.8
98	49.9	12.5	52.5

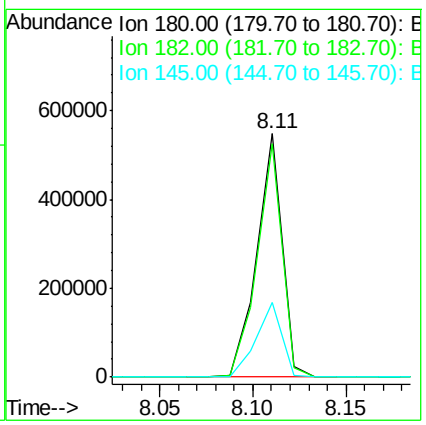


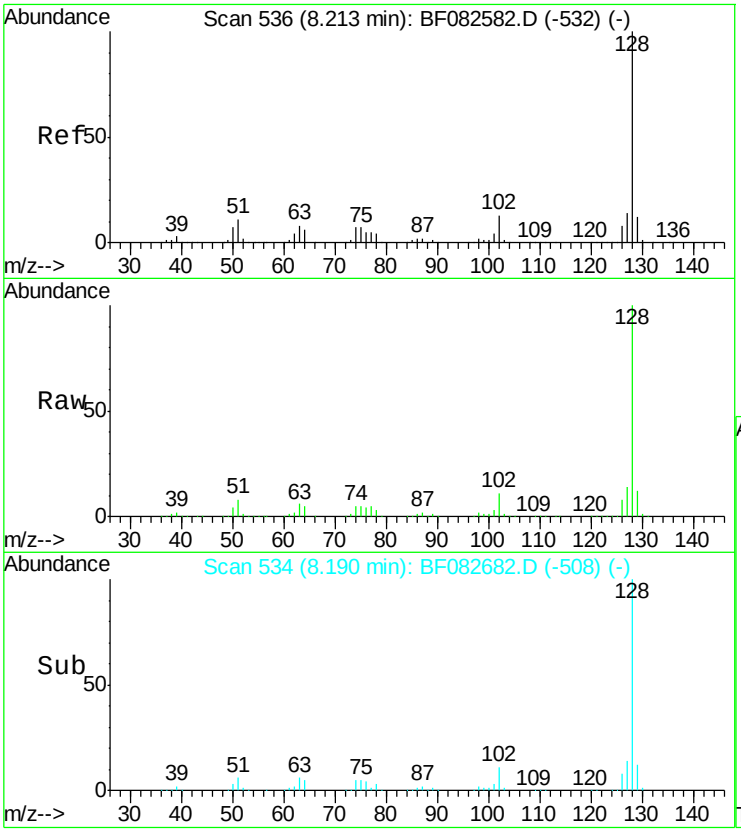


#30
1,2,4-Trichlorobenzene
Concen: 40.12 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:180 Resp: 509777

Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.9	112.3
145	30.4	27.8	41.8



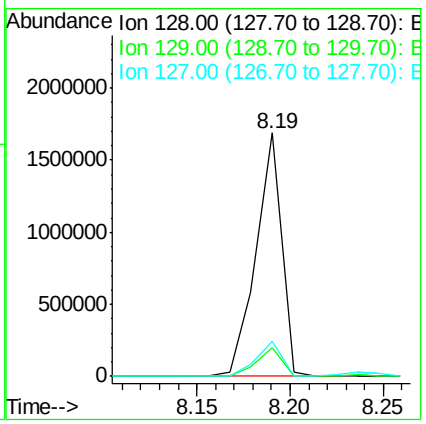


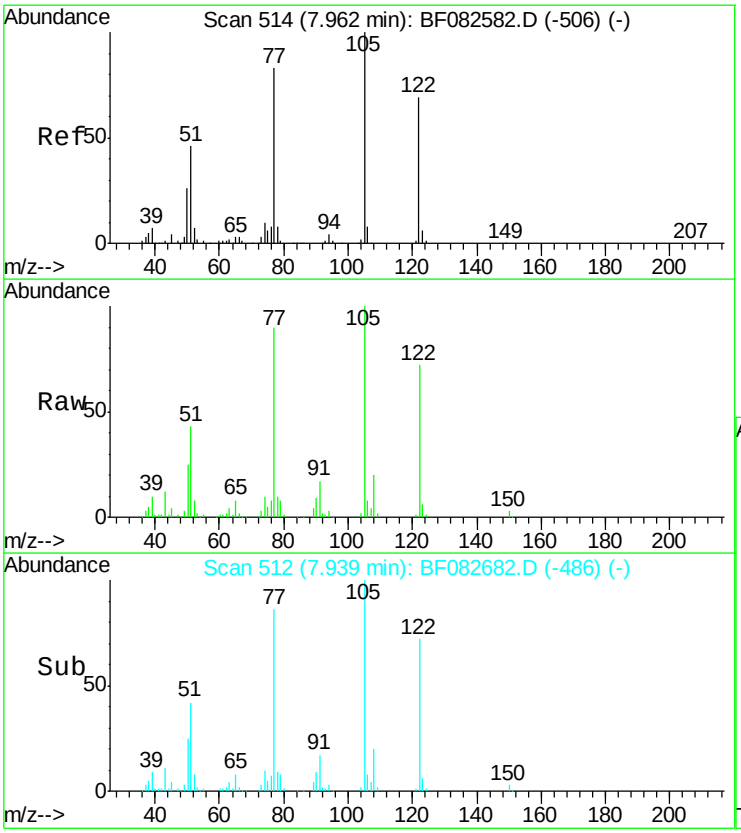
#31
Naphthalene
Concen: 41.53 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:128 Resp: 1599377

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	14.4	11.4	17.0

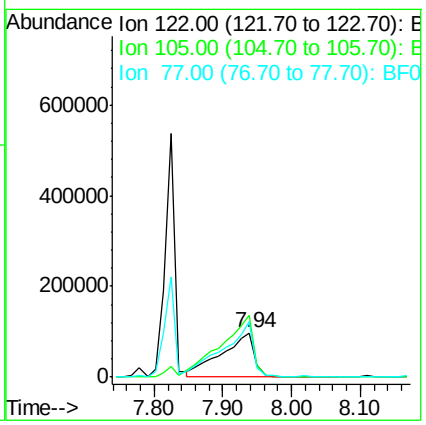


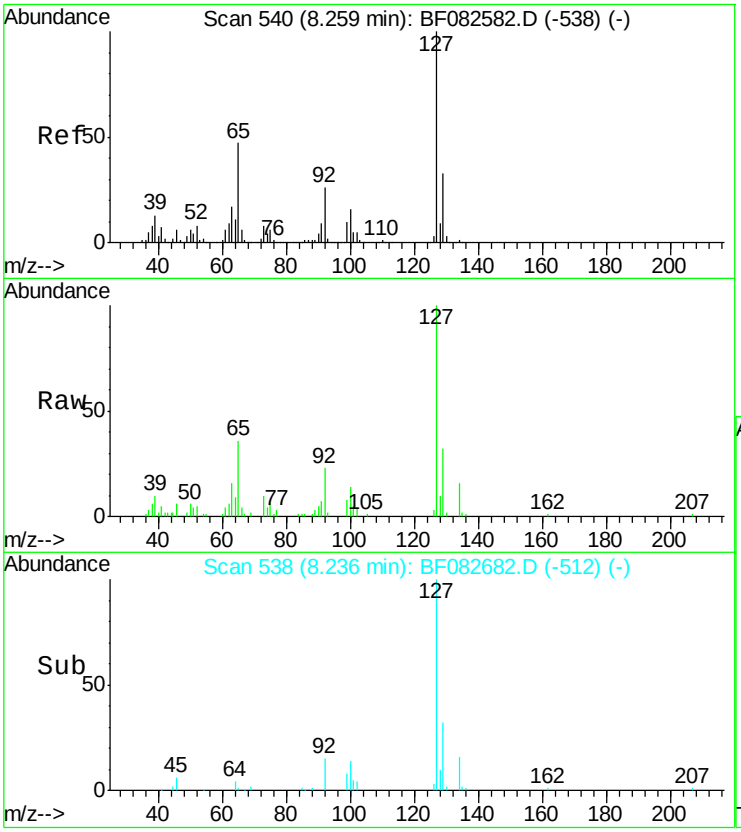


#32
Benzoic acid
Concen: 36.05 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:122 Resp: 328495

Ion	Ratio	Lower	Upper
122	100		
105	138.2	122.6	162.6
77	124.2	100.9	140.9



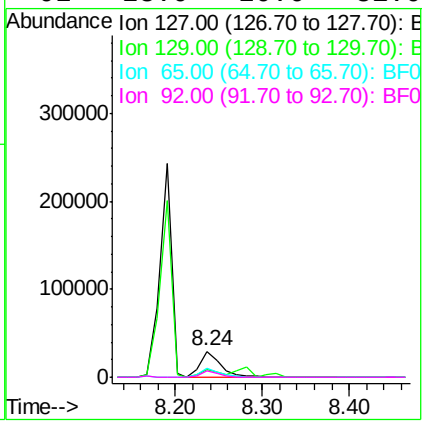


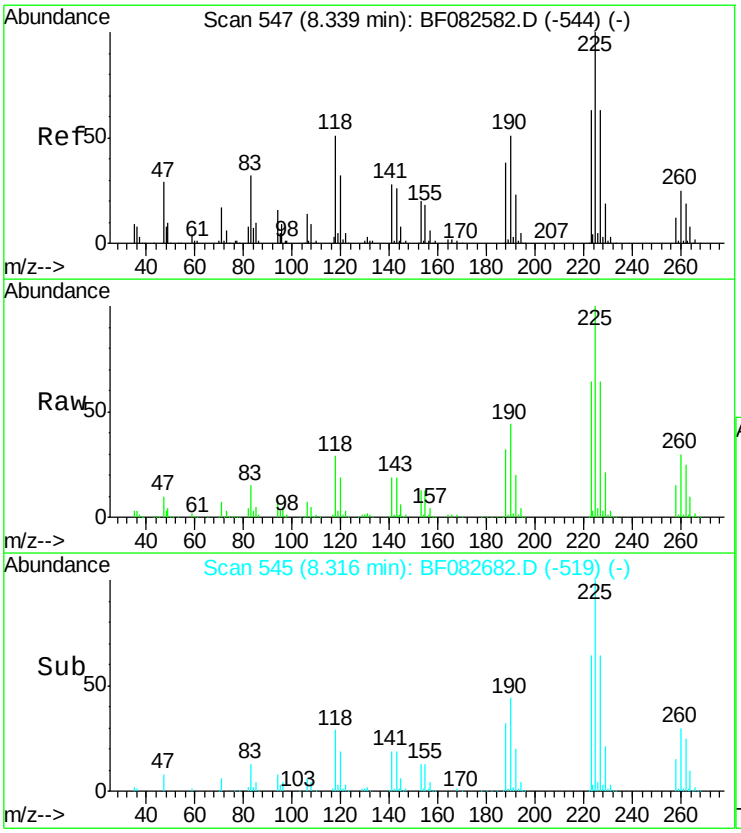
#33
4-Chloroaniline
Concen: 3.06 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:127 Resp: 50312

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	36.0	37.8	56.8#
92	23.0	20.6	31.0

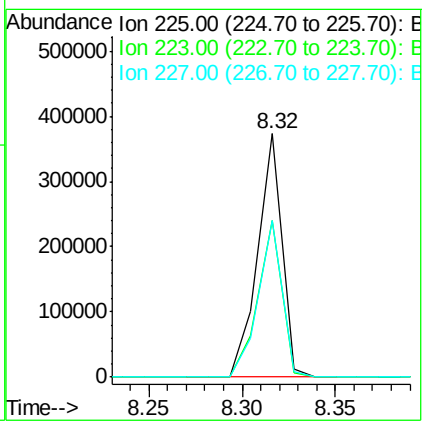


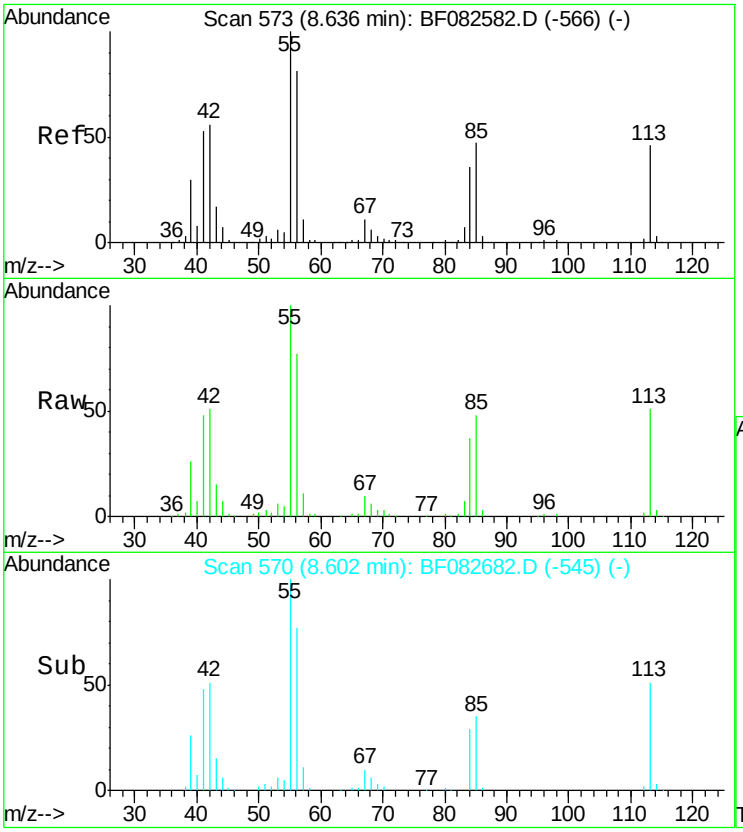


#34
Hexachlorobutadiene
Concen: 41.44 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:225 Resp: 334861

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.5	75.7
227	64.1	50.2	75.2



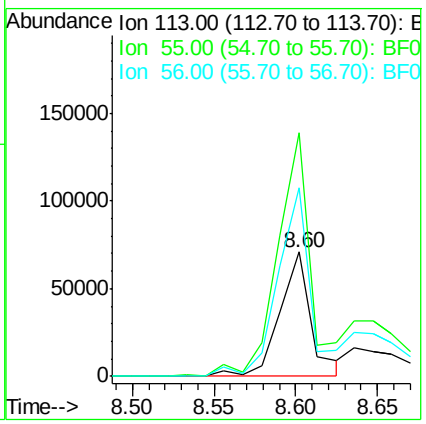


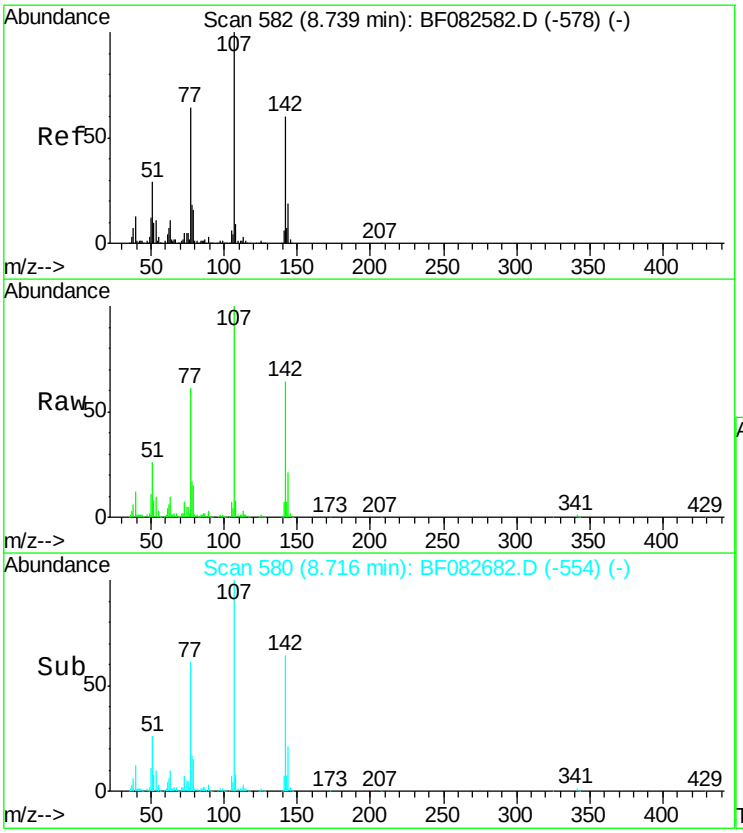
#35
Caprolactam
Concen: 27.08 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:113 Resp: 95138

Ion	Ratio	Lower	Upper
113	100		
55	195.7	195.5	235.5
56	151.3	153.5	193.5#

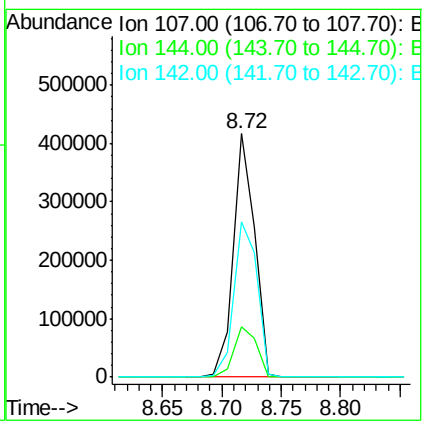


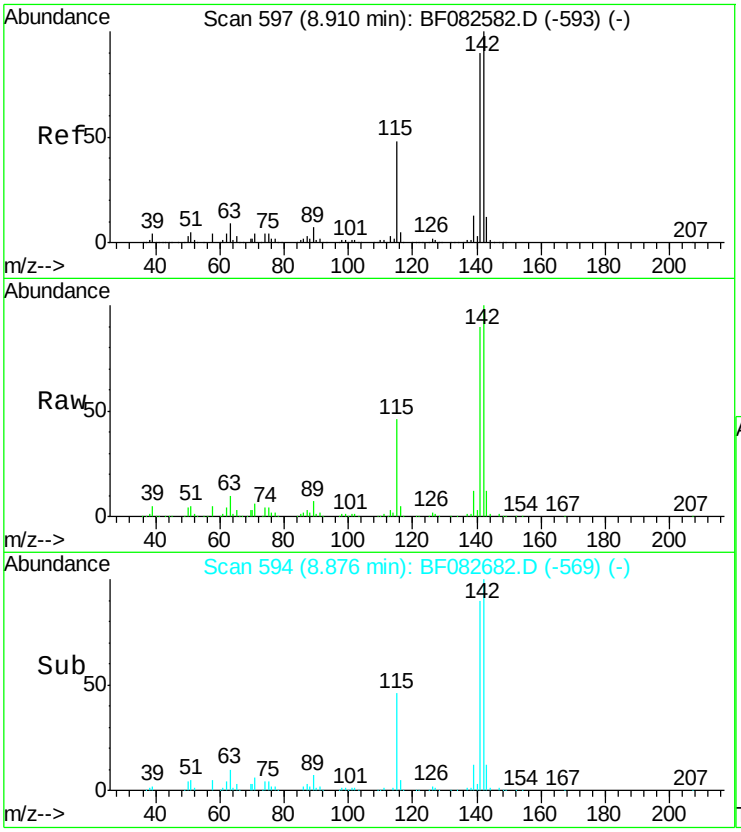


#36
4-Chloro-3-methylphenol
Concen: 38.91 ng
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:107 Resp: 524617

Ion	Ratio	Lower	Upper
107	100		
144	20.6	15.4	23.0
142	63.6	47.8	71.8



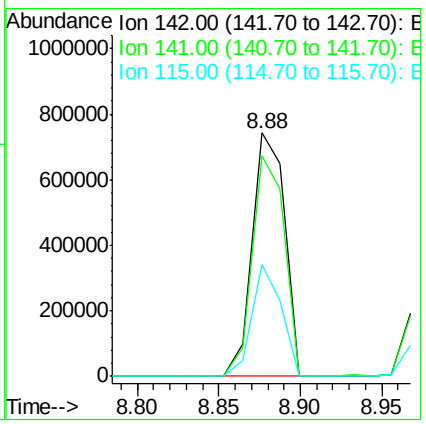


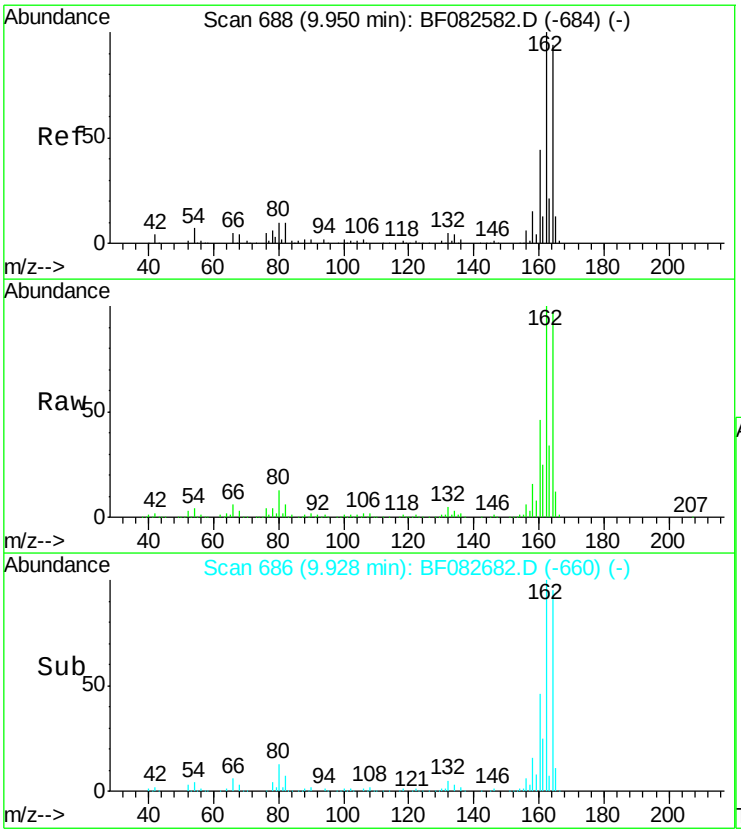
#37
2-Methylnaphthalene
Concen: 41.03 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:142 Resp: 1024058

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.3	108.5
115	45.9	38.1	57.1

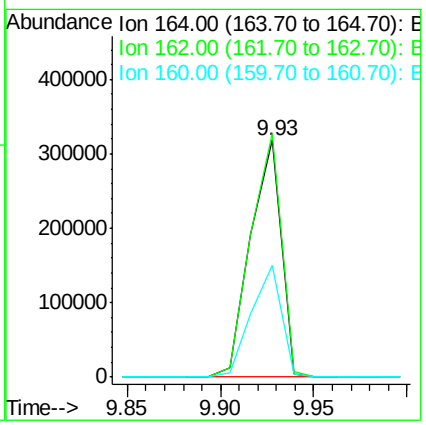


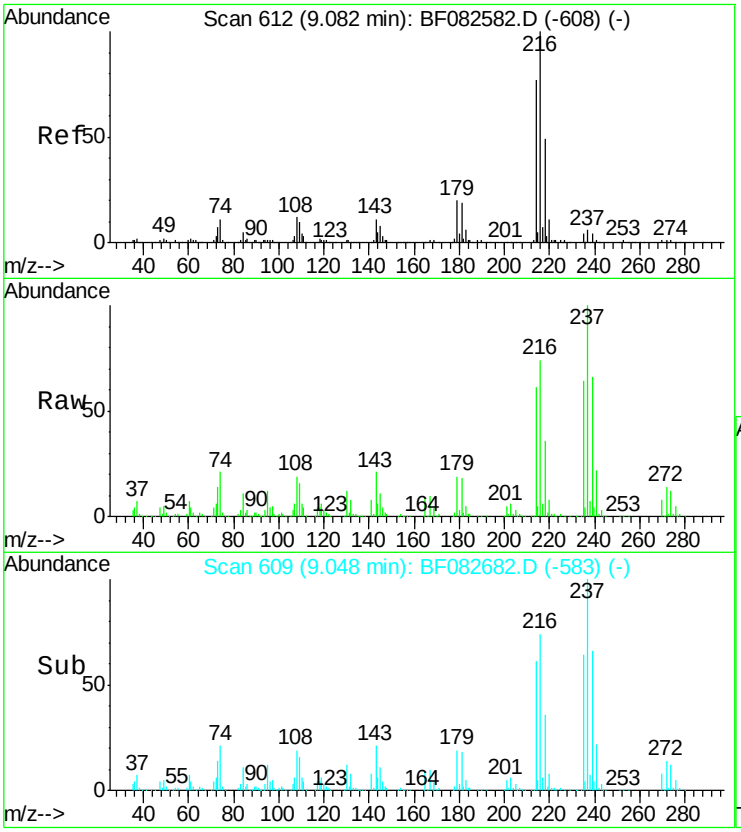


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:164 Resp: 359920

Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.9	127.3
160	47.3	37.5	56.3



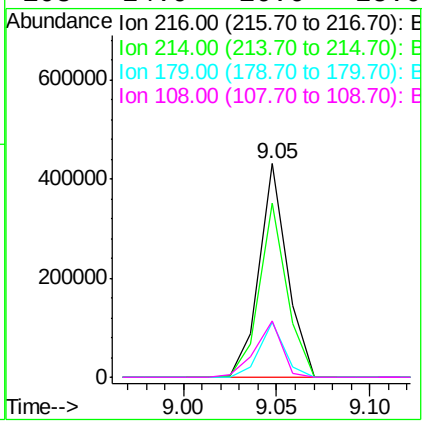


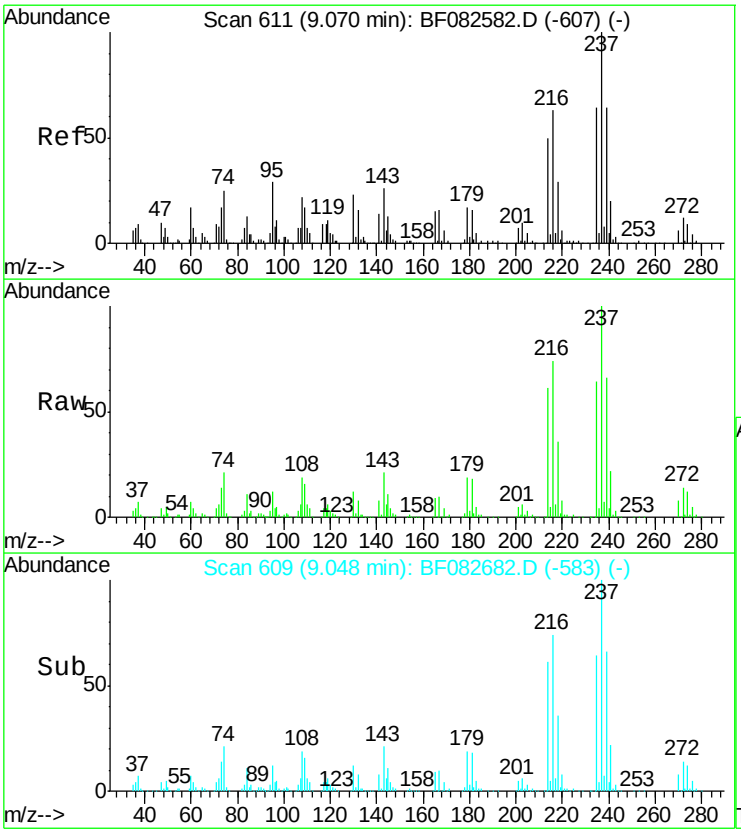
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.00 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:216 Resp: 456350

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.2	93.2
179	23.1	18.1	27.1
108	24.9	16.6	25.0

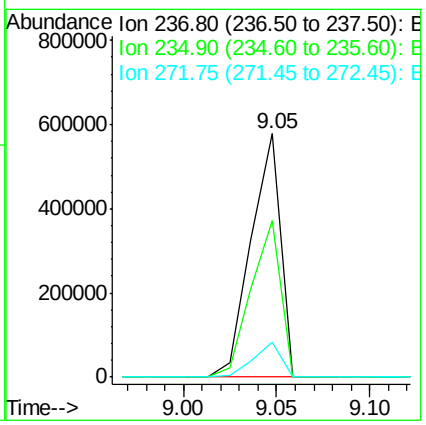


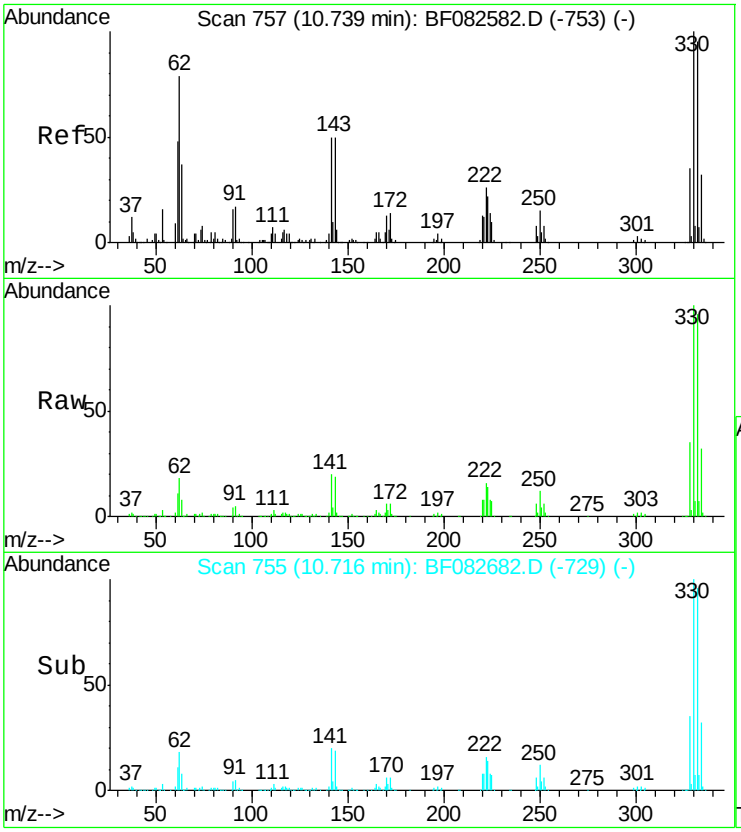


#40
Hexachlorocyclopentadiene
Concen: 85.21 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:237 Resp: 643377

Ion	Ratio	Lower	Upper
237	100		
235	64.2	44.3	84.3
272	14.2	0.0	31.9



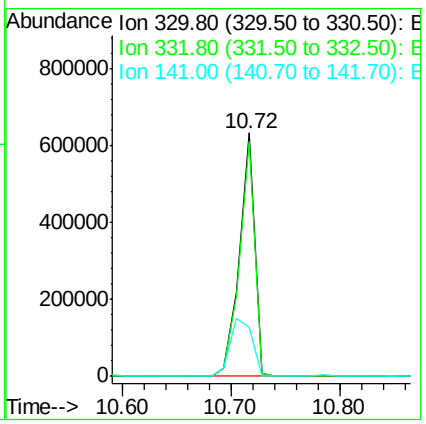


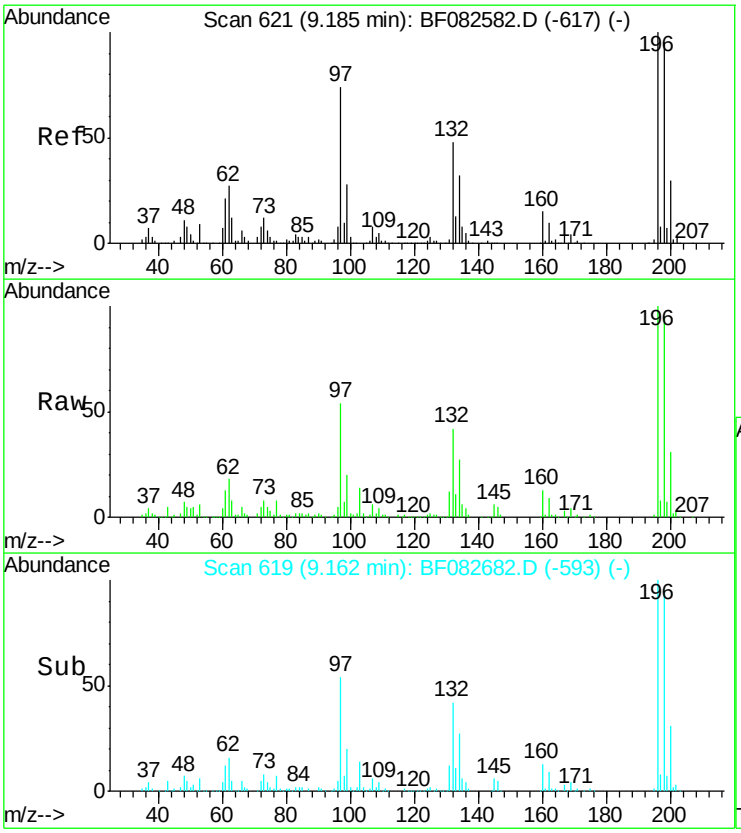
#41
2,4,6-Tribromophenol
Concen: 153.77 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:330 Resp: 605711

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	34.0	41.2	61.8#

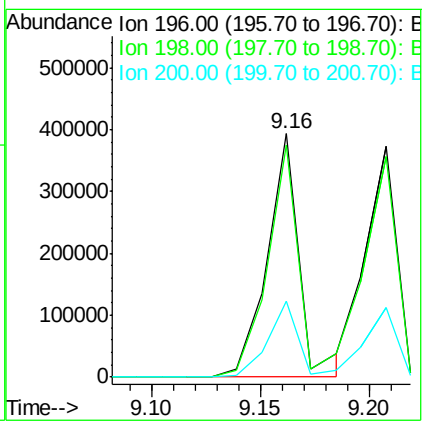


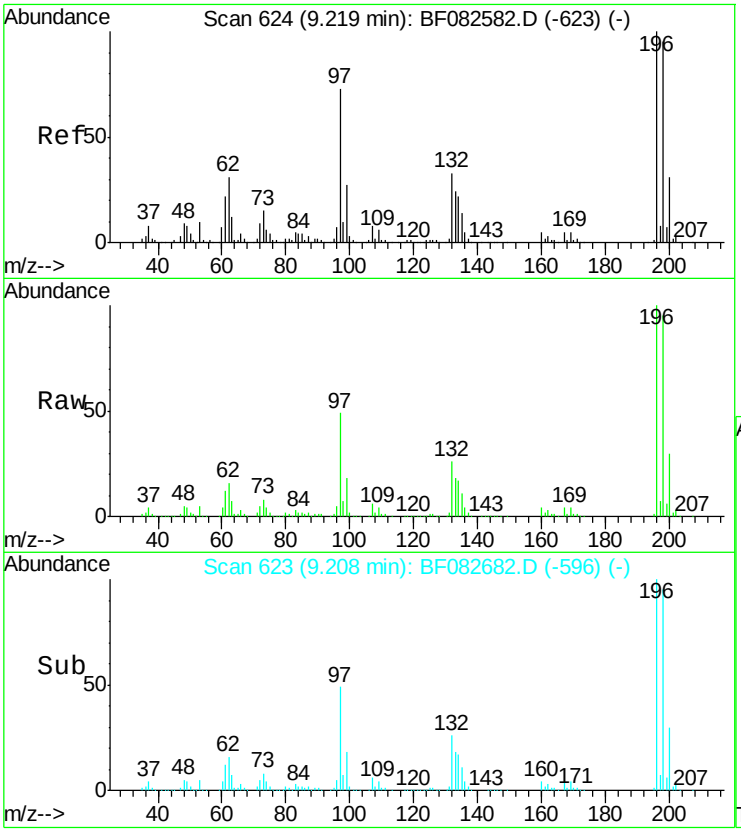


#42
2,4,6-Trichlorophenol
Concen: 47.02 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:196 Resp: 407777

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.3	114.5
200	31.3	23.9	35.9



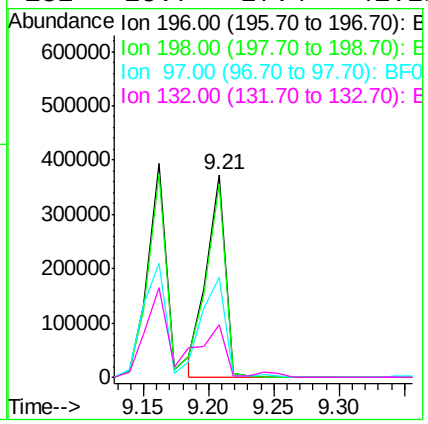


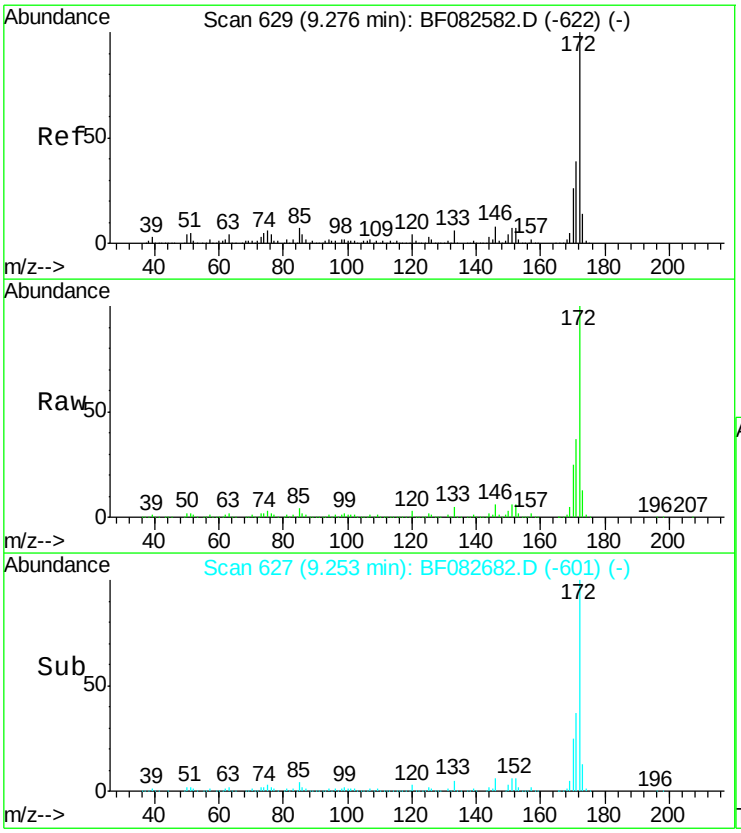
#43
2,4,5-Trichlorophenol
Concen: 43.44 ng
RT: 9.21 min Scan# 623
Delta R.T. 0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:196 Resp: 375361

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.8	113.8
97	49.1	62.3	93.5#
132	25.7	27.4	41.2#

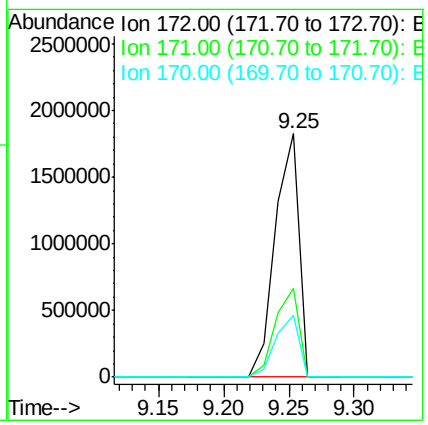


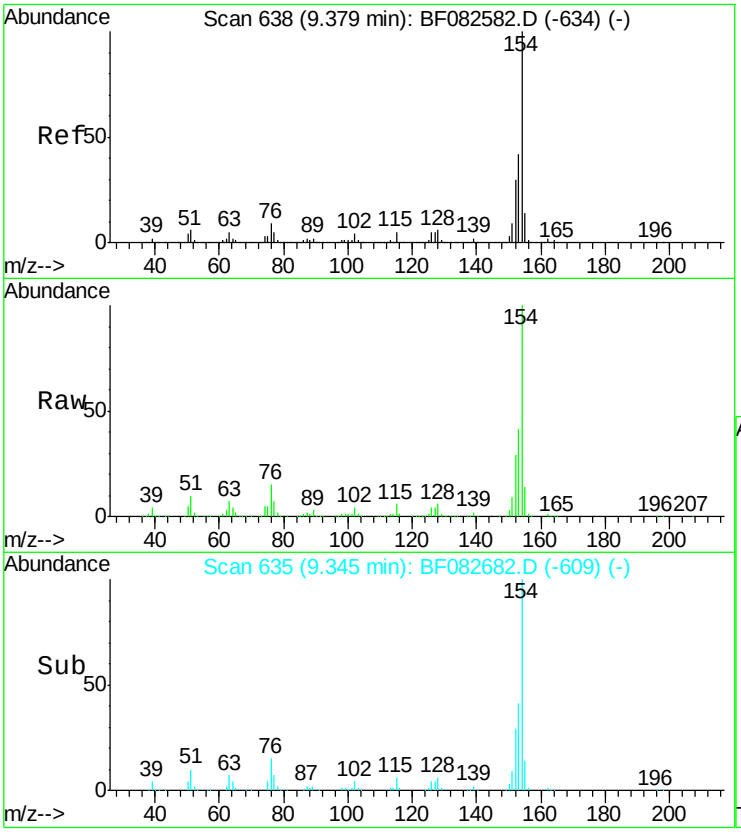


#44
2-Fluorobiphenyl
Concen: 92.37 ng
RT: 9.25 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:172 Resp: 2341626

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	25.4	21.2	31.8



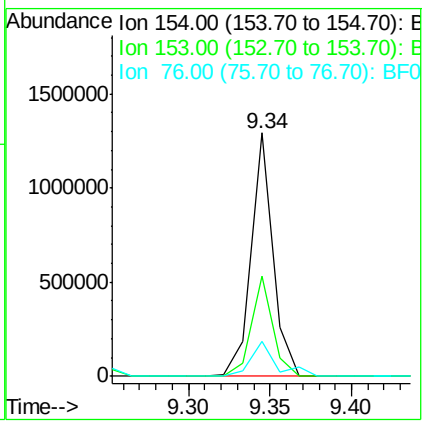


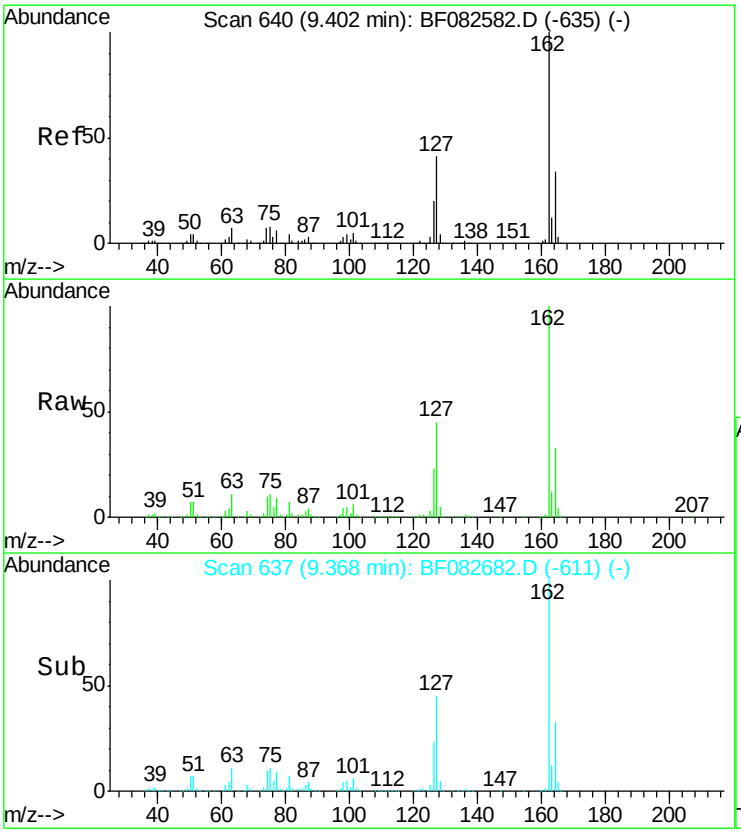
#45
1,1'-Biphenyl
Concen: 39.31 ng
RT: 9.34 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:154 Resp: 1195042

Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.0	62.0
76	14.6	0.0	29.0

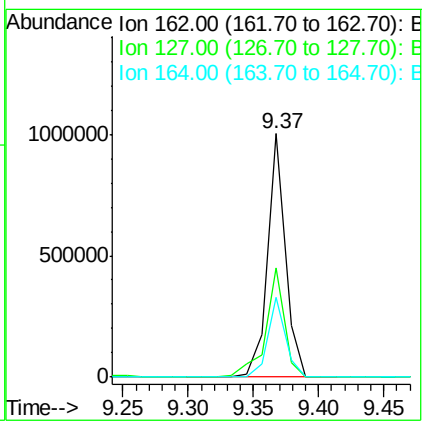


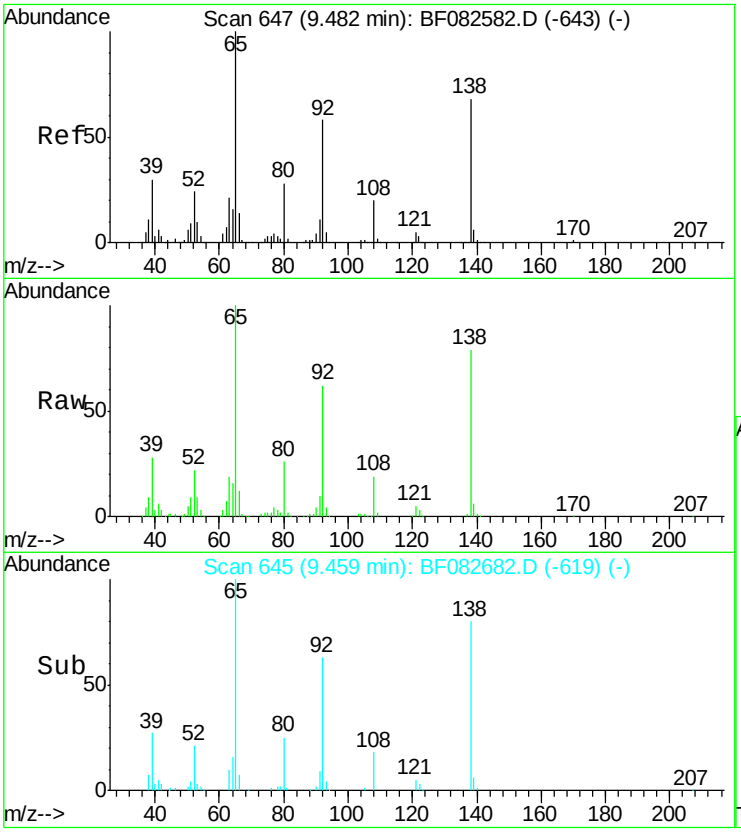


#46
2-Chloronaphthalene
Concen: 40.53 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:162 Resp: 962217

Ion	Ratio	Lower	Upper
162	100		
127	44.9	32.7	49.1
164	32.8	27.4	41.0



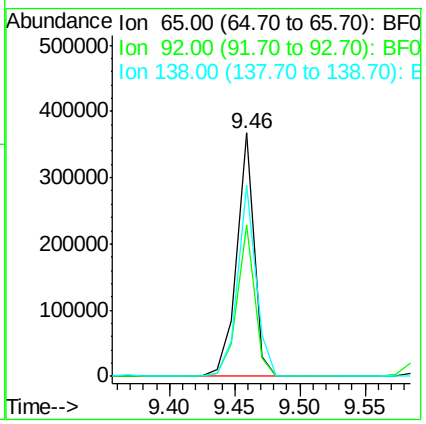


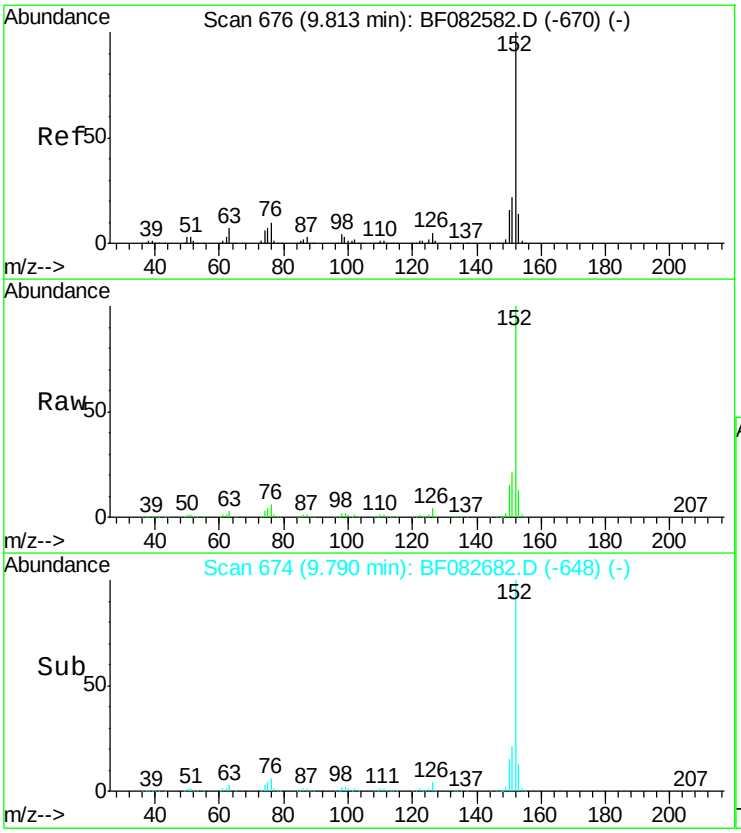
#47
2-Nitroaniline
Concen: 36.51 ng
RT: 9.46 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion: 65 Resp: 336910

Ion	Ratio	Lower	Upper
65	100		
92	62.3	46.6	70.0
138	78.6	54.6	81.8

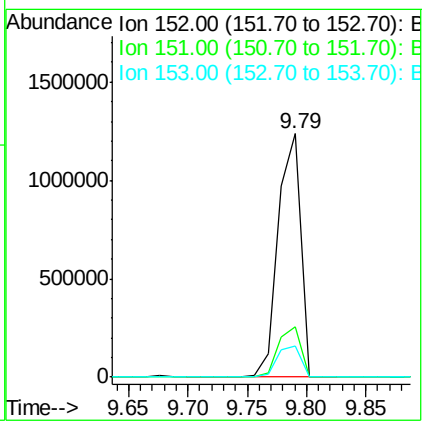


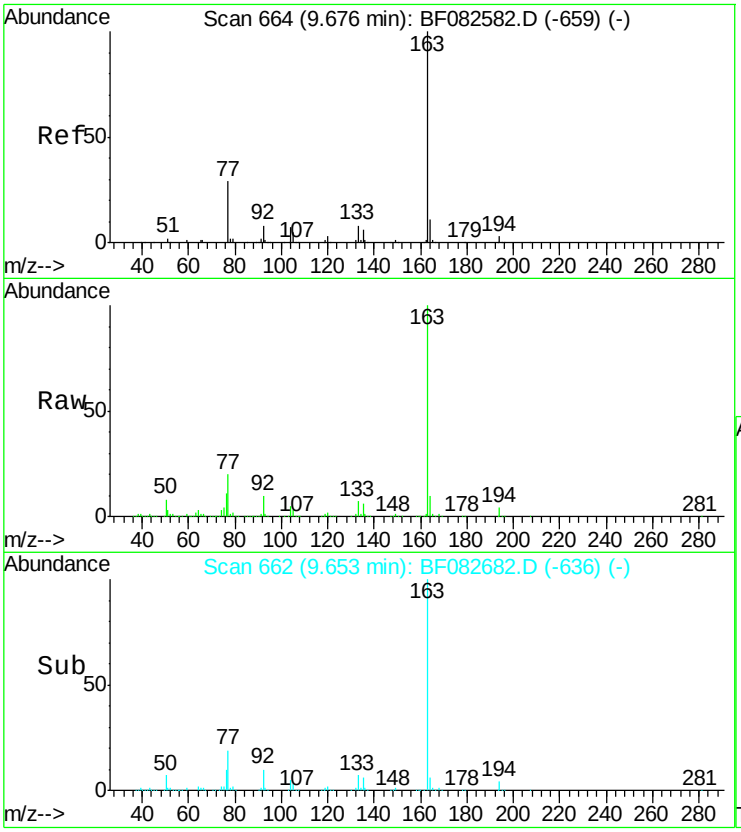


#48
Acenaphthylene
Concen: 42.24 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:152 Resp: 1603911

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.3	25.9
153	12.6	11.3	16.9



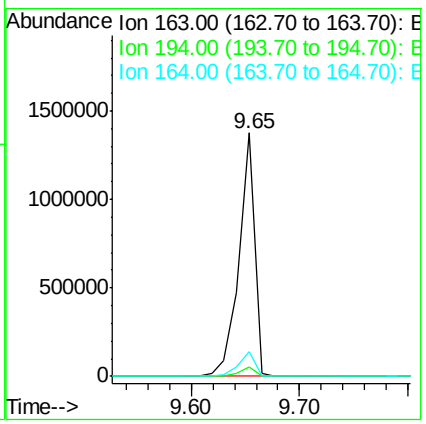


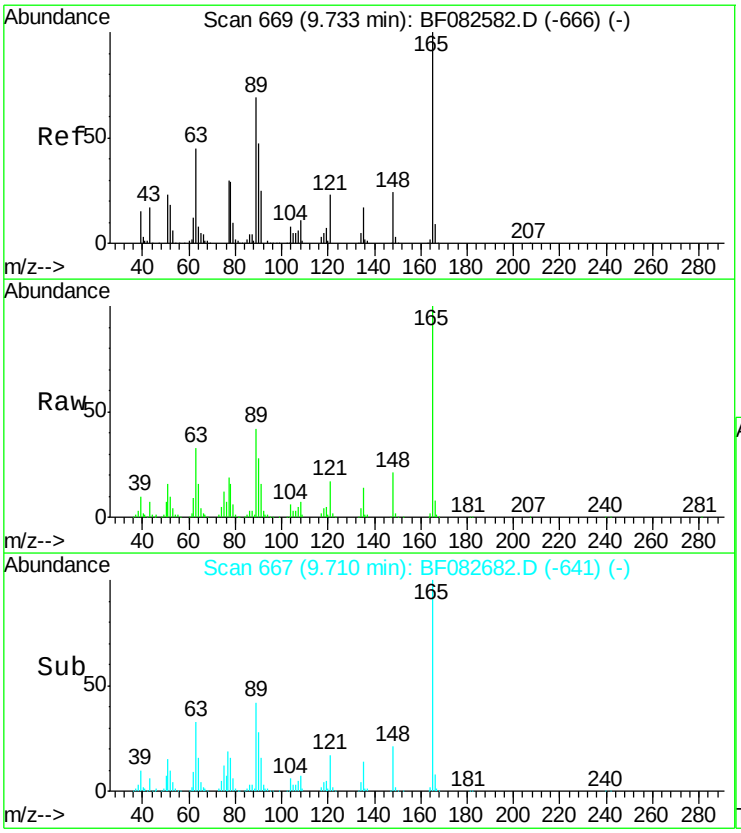
#49
Dimethylphthalate
Concen: 45.94 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:163 Resp: 1350286

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.3	8.7	13.1

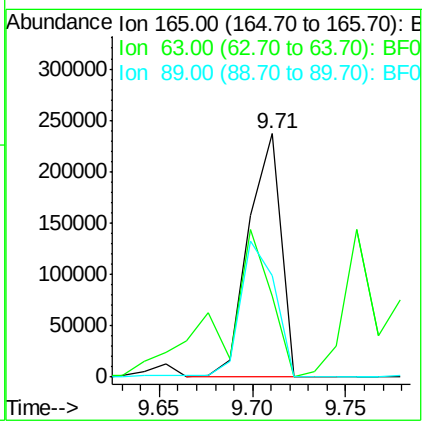


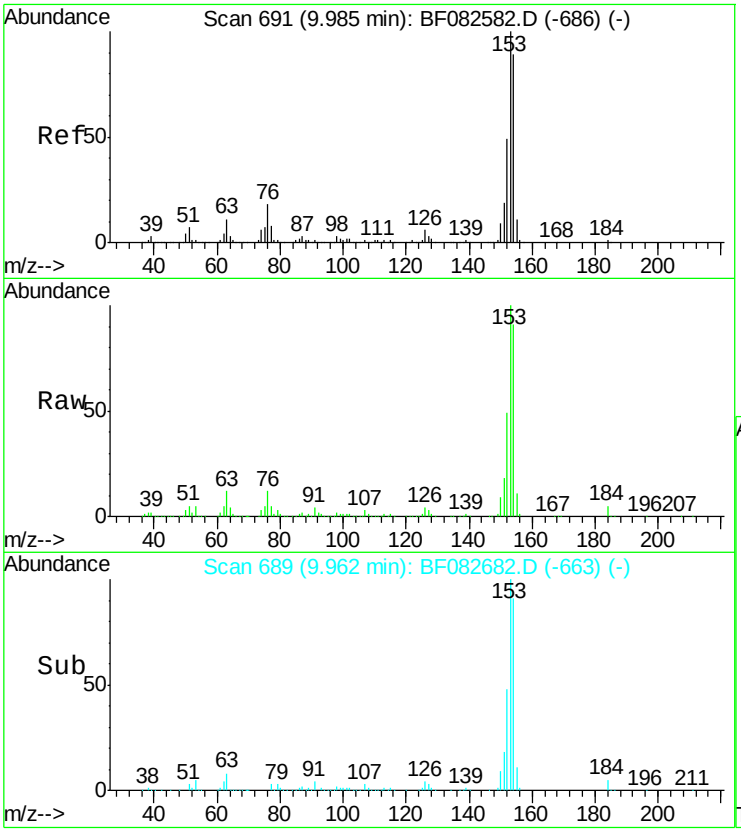


#50
2,6-Dinitrotoluene
Concen: 46.52 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:165 Resp: 283401

Ion	Ratio	Lower	Upper
165	100		
63	33.5	55.5	83.3#
89	41.8	55.0	82.6#



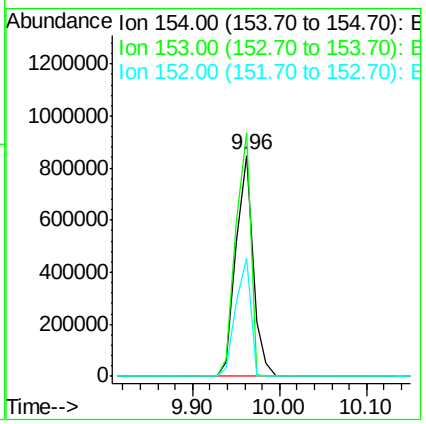


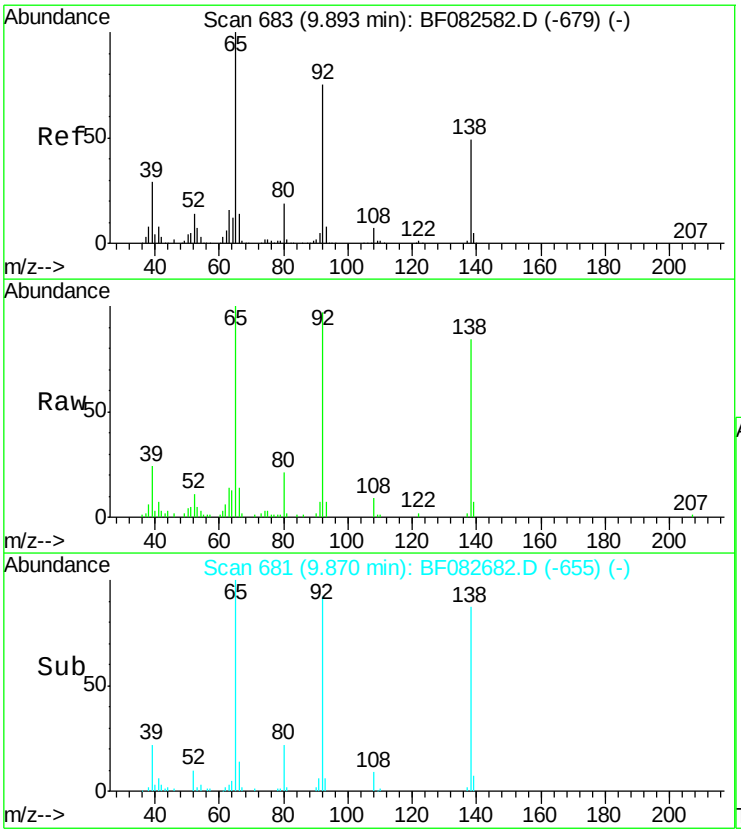
#51
Acenaphthene
Concen: 48.08 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:154 Resp: 1158883

Ion	Ratio	Lower	Upper
154	100		
153	110.3	90.1	135.1
152	53.6	44.3	66.5

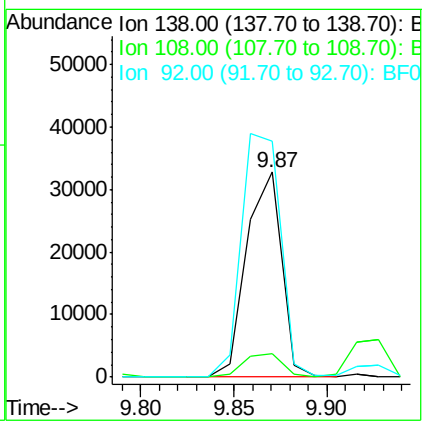


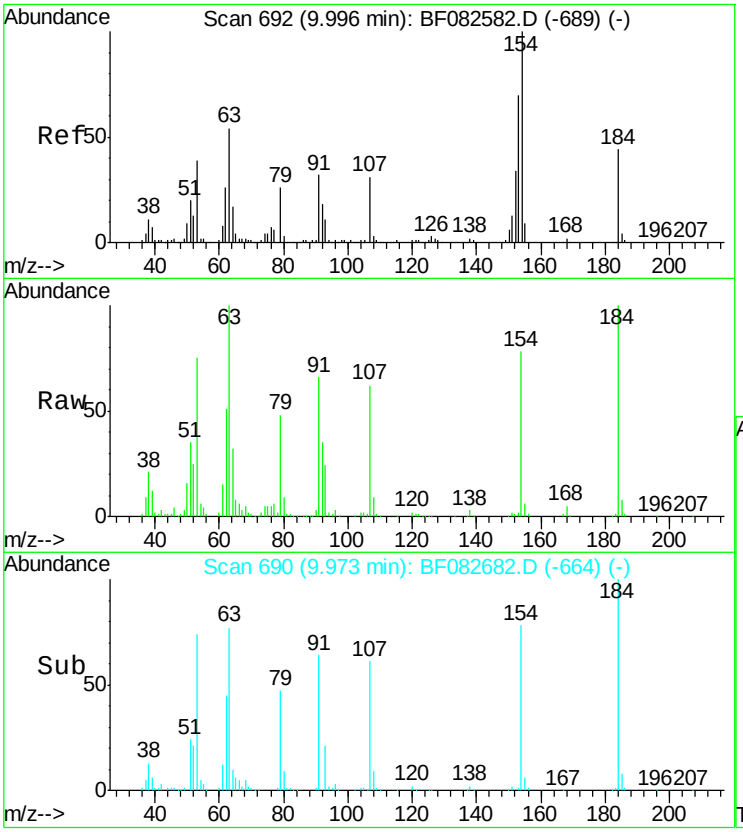


#52
3-Nitroaniline
Concen: 6.32 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:138 Resp: 42852

Ion	Ratio	Lower	Upper
138	100		
108	11.3	11.3	16.9#
92	115.1	122.4	183.6#



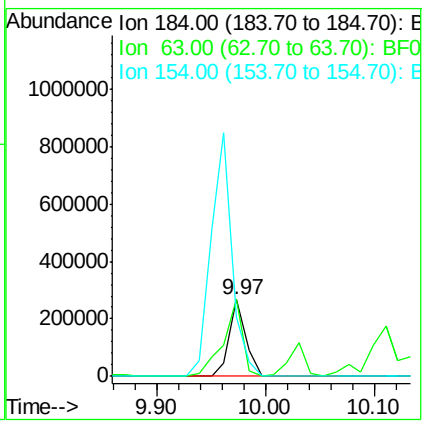


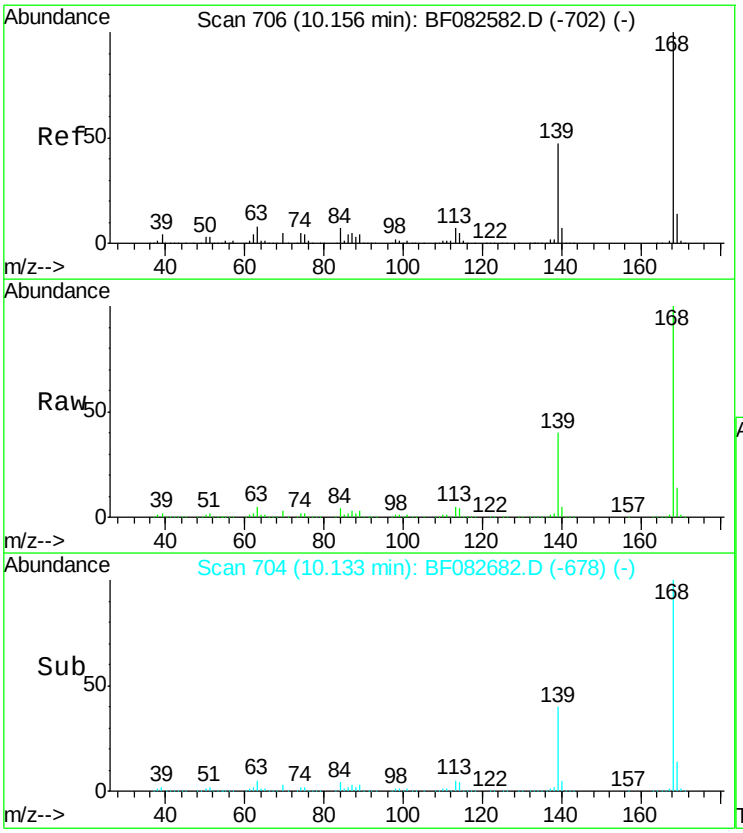
#53
2,4-Dinitrophenol
Concen: 86.40 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:184 Resp: 282307

Ion	Ratio	Lower	Upper
184	100		
63	100.3	98.6	148.0
154	77.8	183.9	275.9#

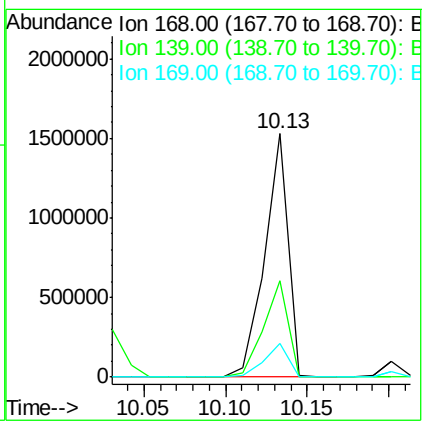


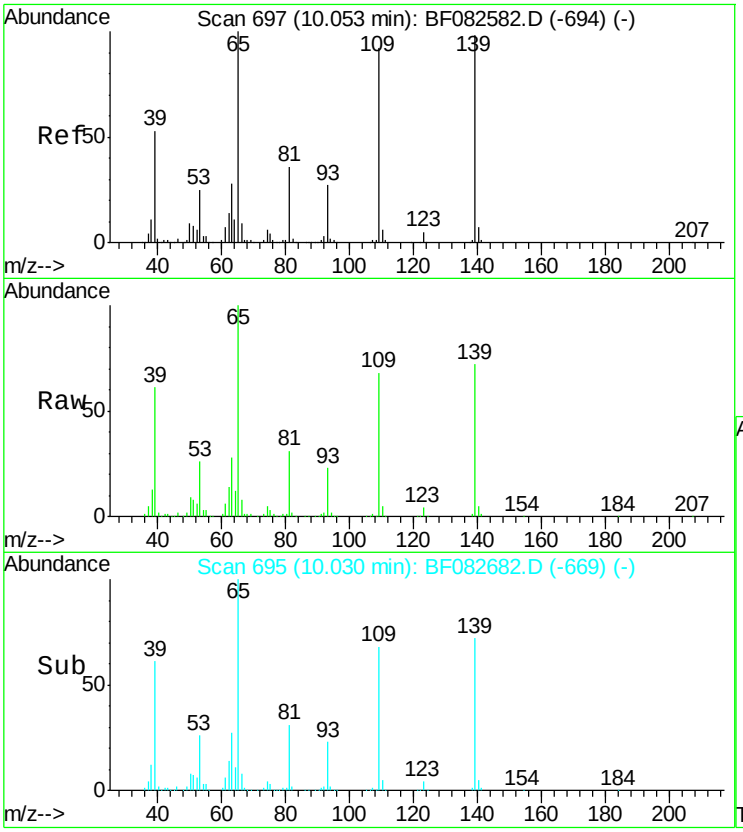


#54
Dibenzofuran
Concen: 46.66 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:168 Resp: 1526318

Ion	Ratio	Lower	Upper
168	100		
139	39.8	37.8	56.6
169	13.6	11.3	16.9



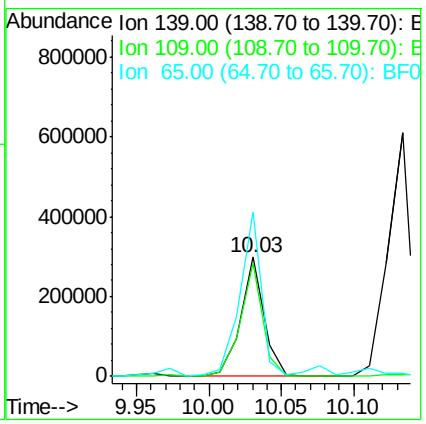


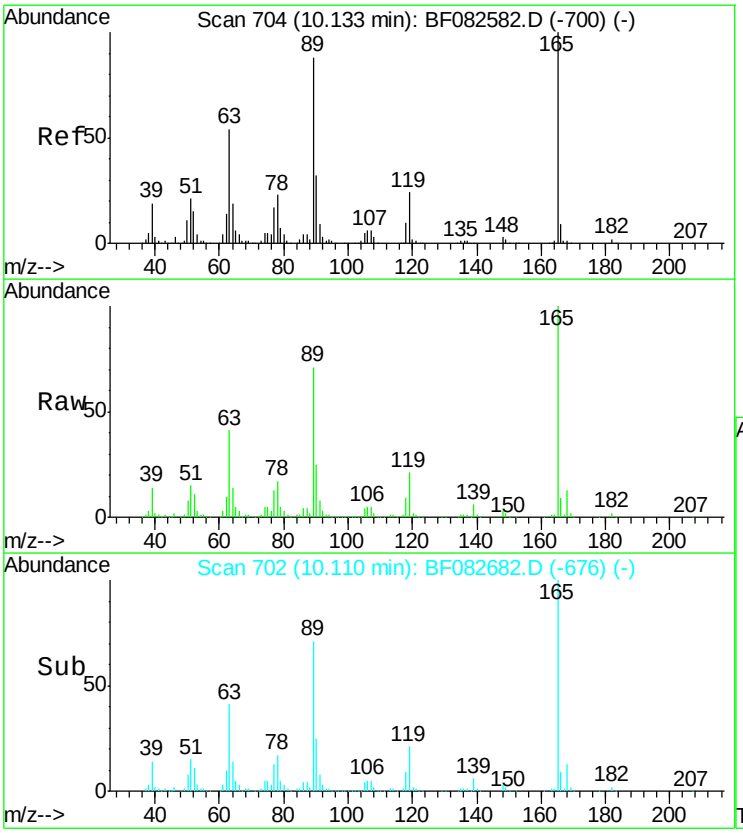
#55
4-Nitrophenol
Concen: 65.96 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:139 Resp: 336382

Ion	Ratio	Lower	Upper
139	100		
109	94.7	73.7	113.7
65	138.5	82.9	122.9#

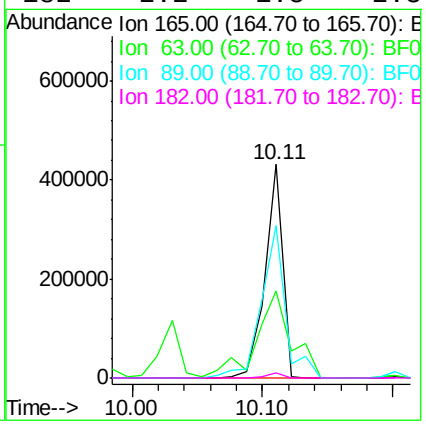


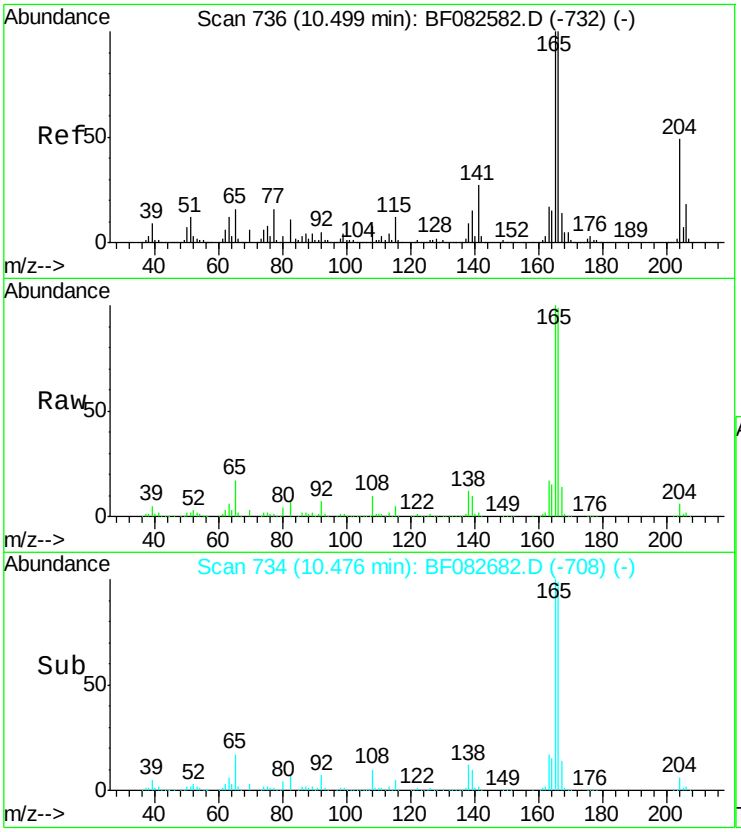


#56
2,4-Dinitrotoluene
Concen: 49.70 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:165 Resp: 409465

Ion	Ratio	Lower	Upper
165	100		
63	41.0	43.4	65.0#
89	71.3	70.6	106.0
182	2.2	1.5	2.3



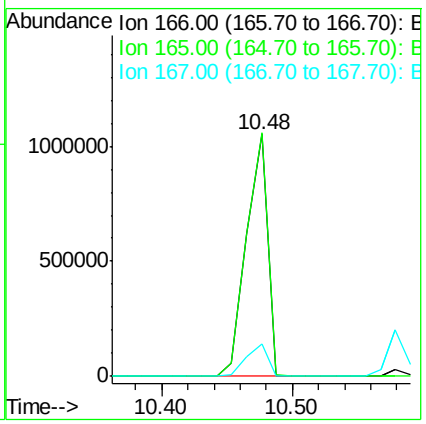


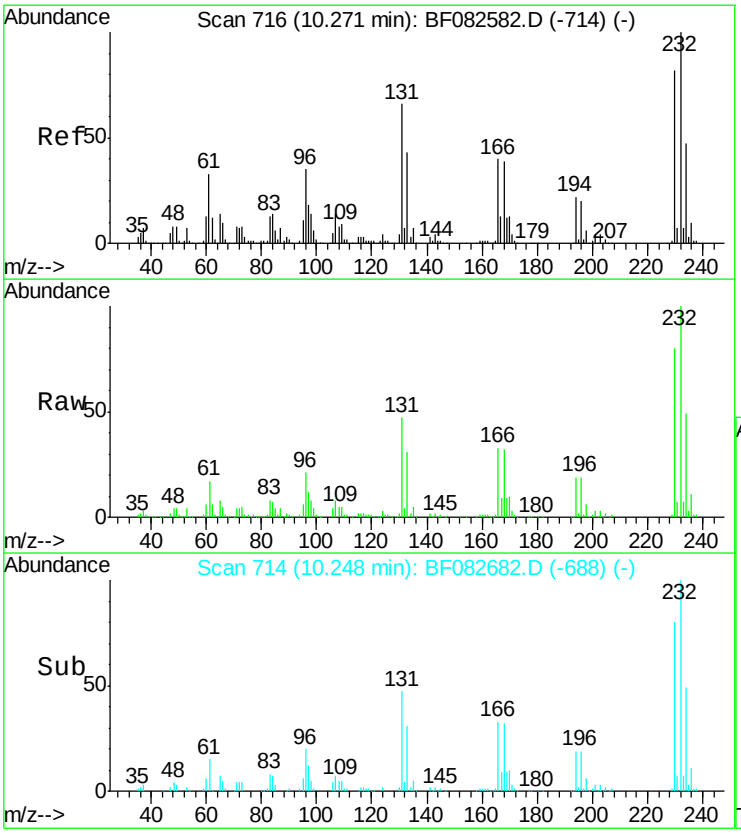
#57
Fluorene
Concen: 45.01 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:166 Resp: 1187615

Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.2	120.4
167	13.7	11.2	16.8

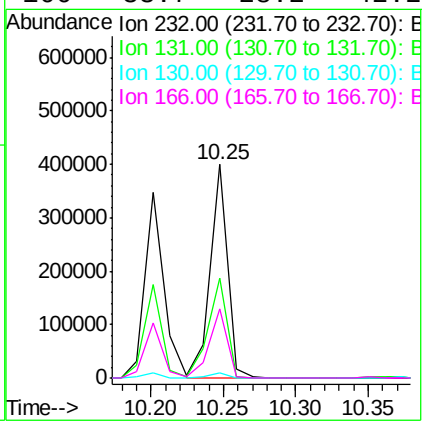


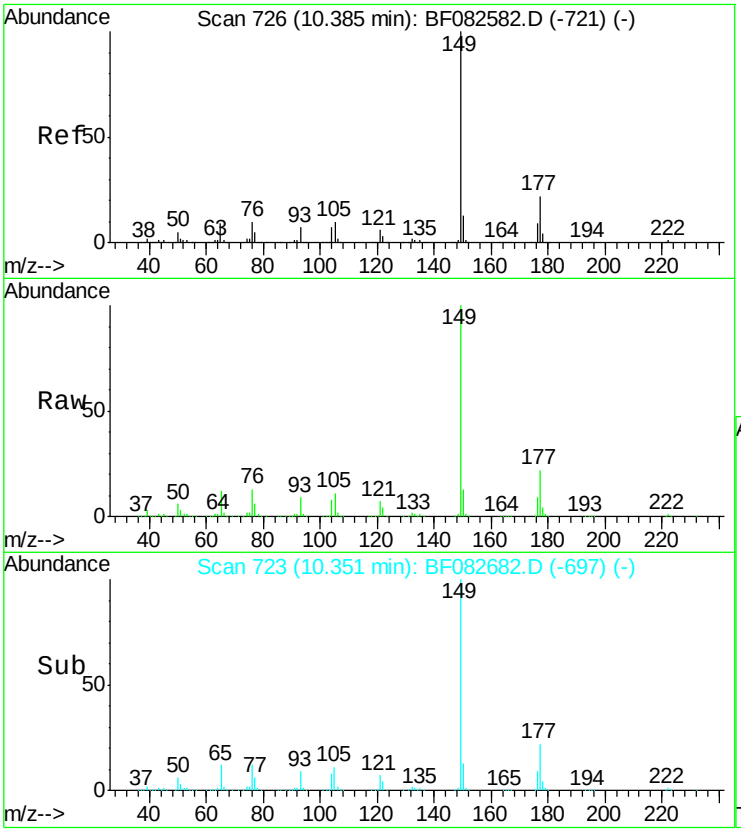


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.43 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:232 Resp: 331792

Ion	Ratio	Lower	Upper
232	100		
131	51.2	46.2	69.2
130	2.5	2.4	3.6
166	33.7	28.2	42.2



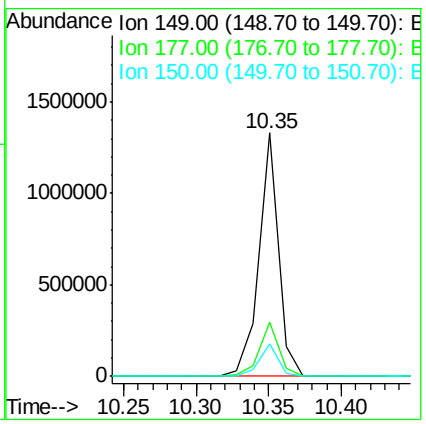


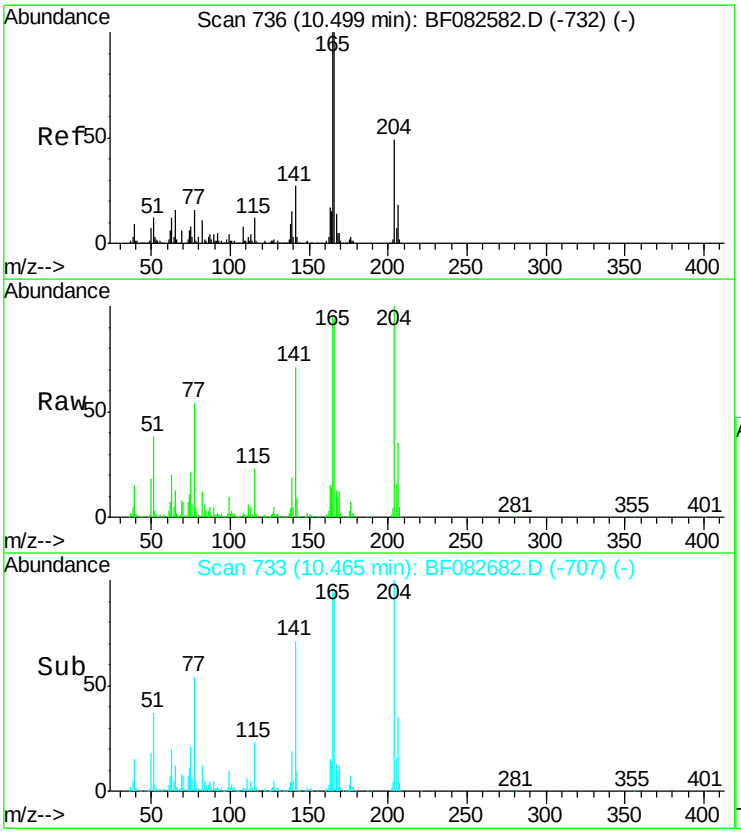
#59
Diethylphthalate
Concen: 41.64 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:149 Resp: 1245948

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.9	26.9
150	13.1	10.1	15.1

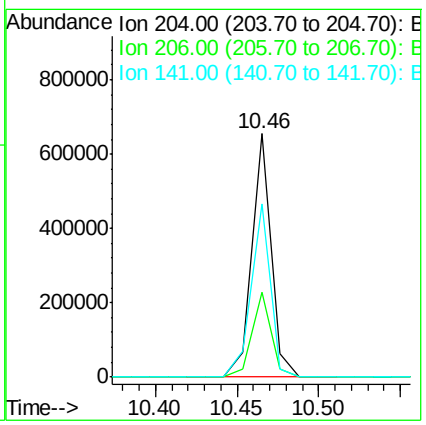


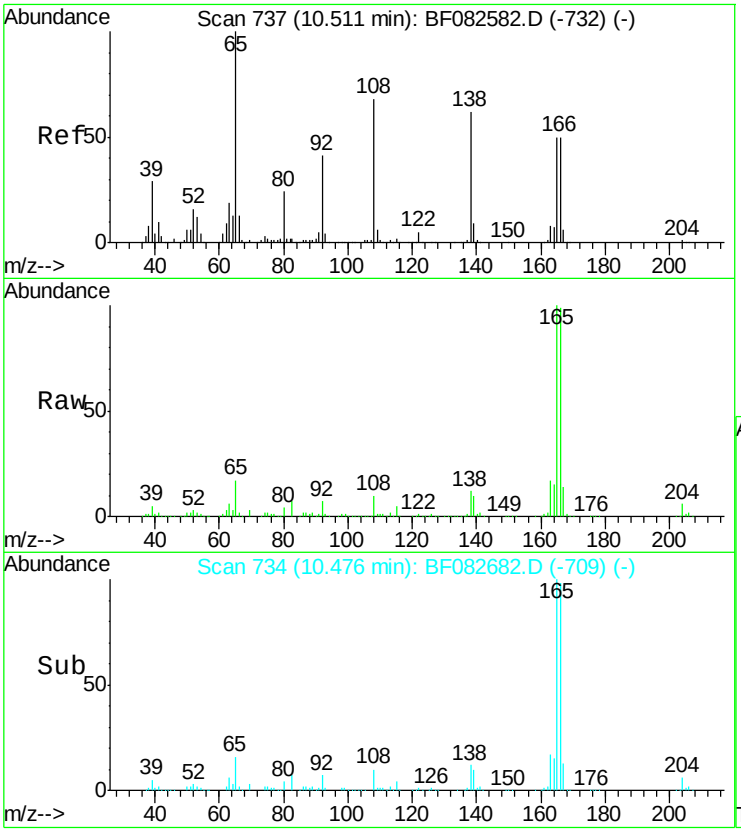


#60
4-Chlorophenyl-phenylether
Concen: 42.00 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:204 Resp: 538667

Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.5	42.7
141	70.9	44.6	66.8#



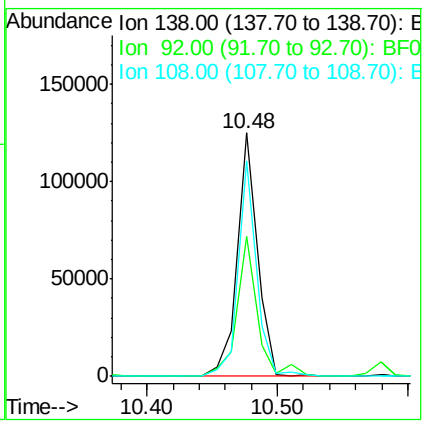


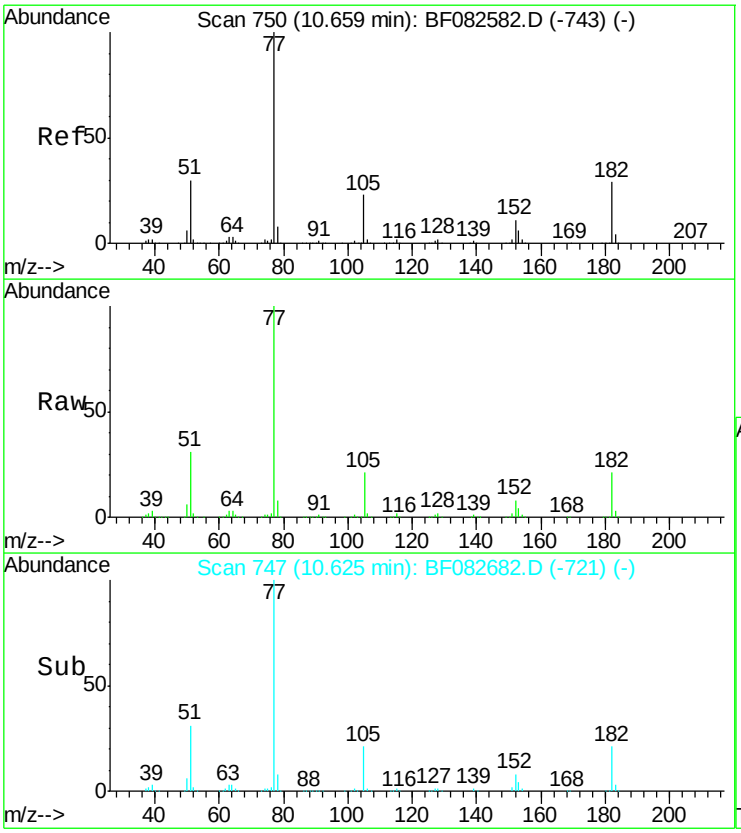
#61
4-Nitroaniline
Concen: 20.76 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:138 Resp: 134289

Ion	Ratio	Lower	Upper
138	100		
92	57.5	45.8	85.8
108	88.8	89.4	129.4#

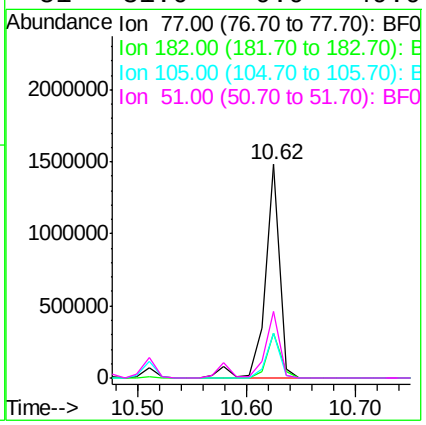


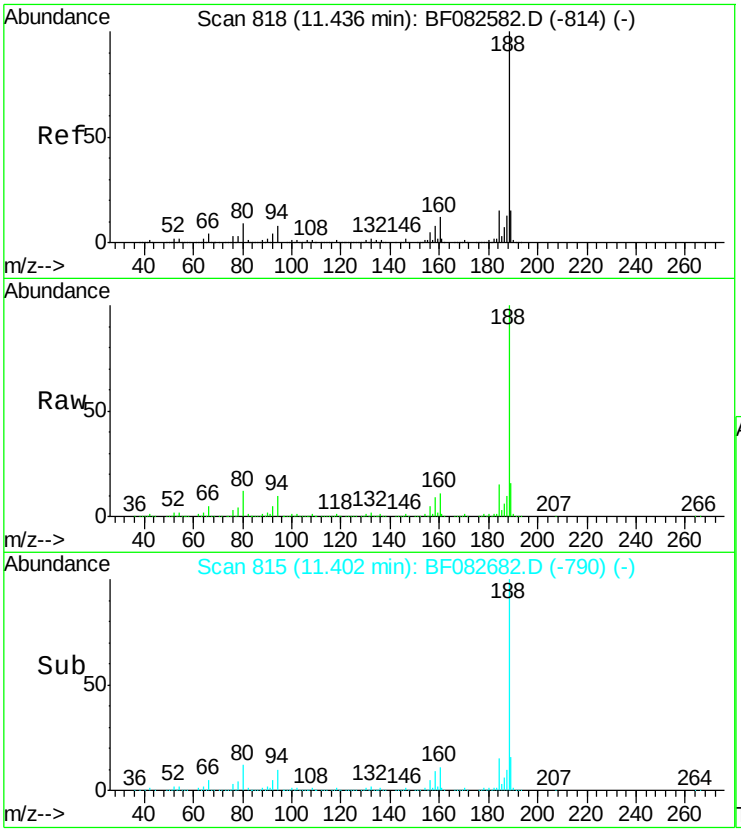


#62
Azobenzene
Concen: 40.90 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion: 77 Resp: 1380292

Ion	Ratio	Lower	Upper
77	100		
182	20.9	9.3	49.3
105	21.3	2.6	42.6
51	31.0	9.9	49.9



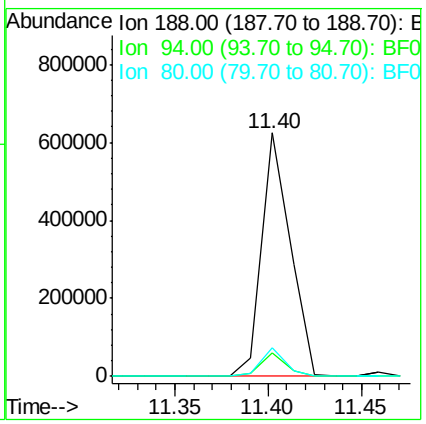


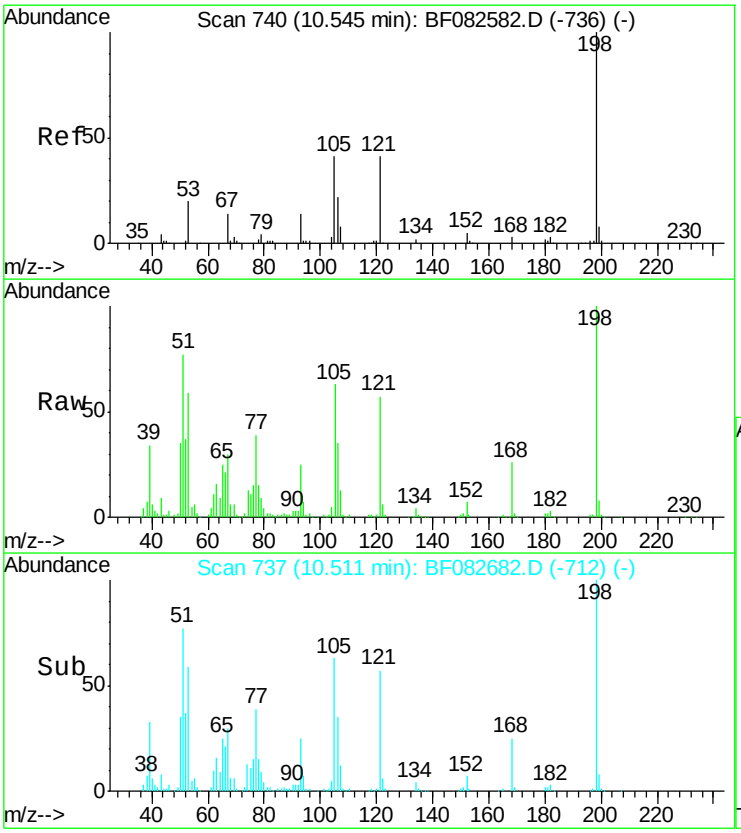
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:188 Resp: 661007

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.1	9.1#
80	11.6	7.0	10.6#

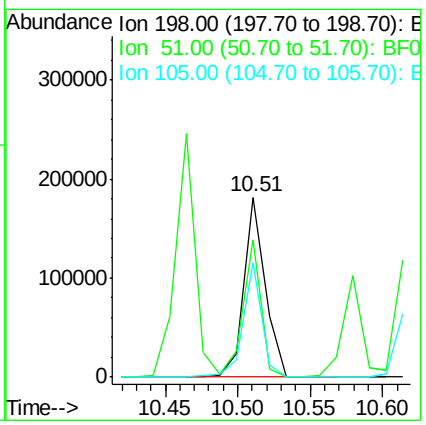


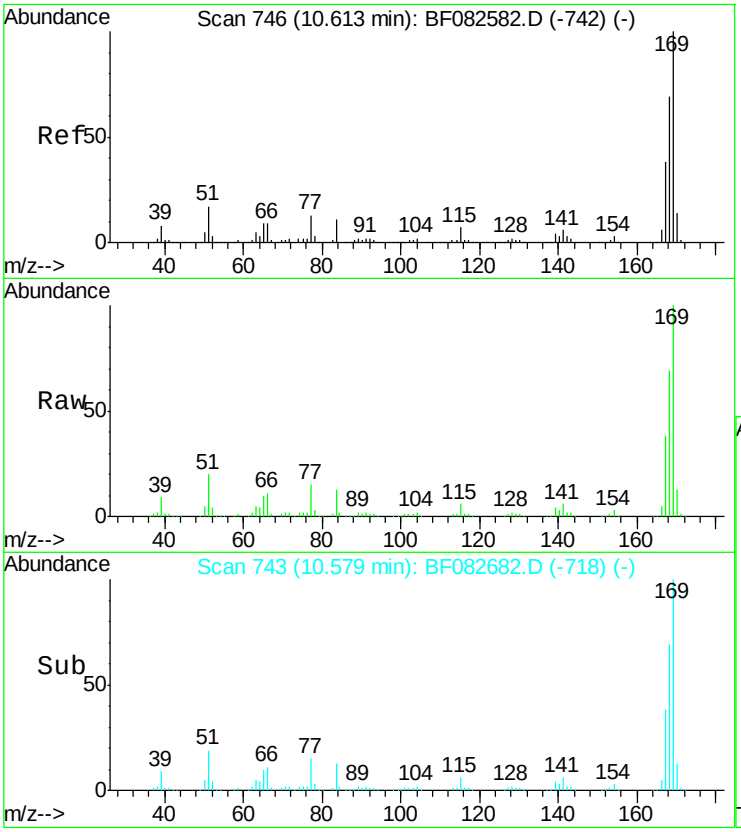


#64
4,6-Dinitro-2-methylphenol
Concen: 46.37 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:198 Resp: 184848

Ion	Ratio	Lower	Upper
198	100		
51	76.7	17.3	57.3#
105	63.5	21.7	61.7#



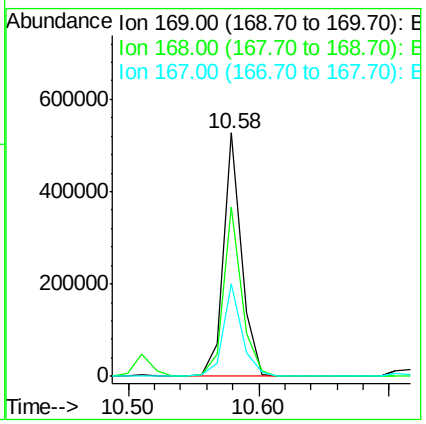


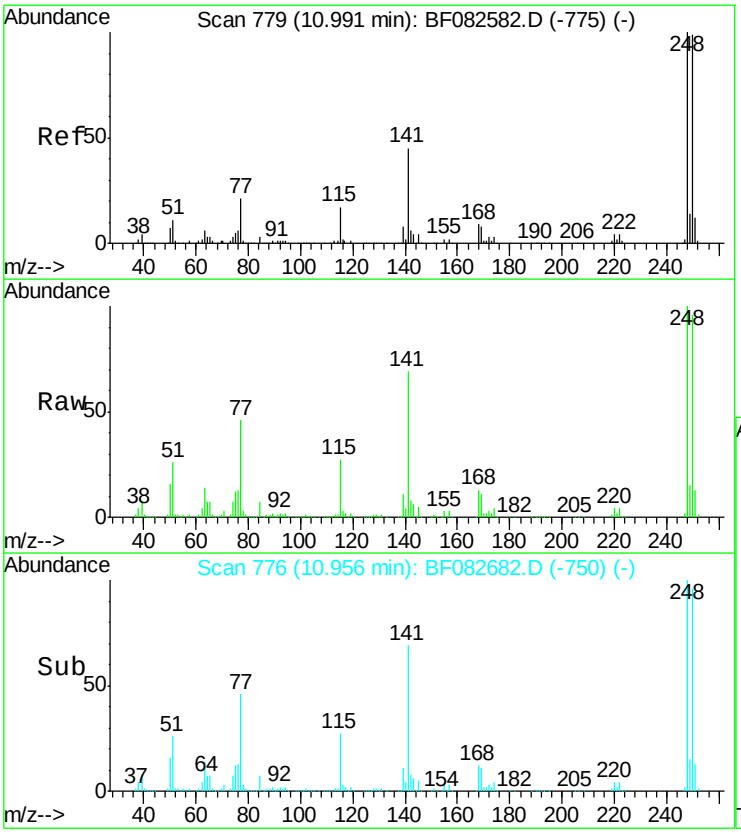
#65
n-Nitrosodiphenylamine
Concen: 22.46 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:169 Resp: 510279

Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.0	82.6
167	38.2	30.5	45.7

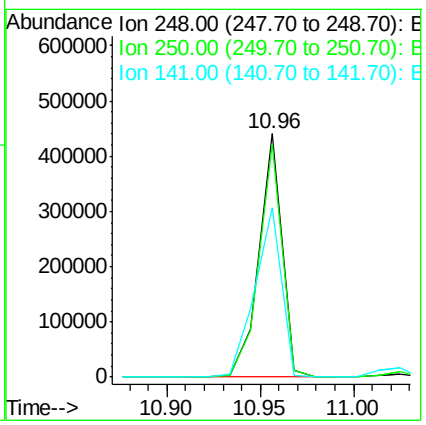


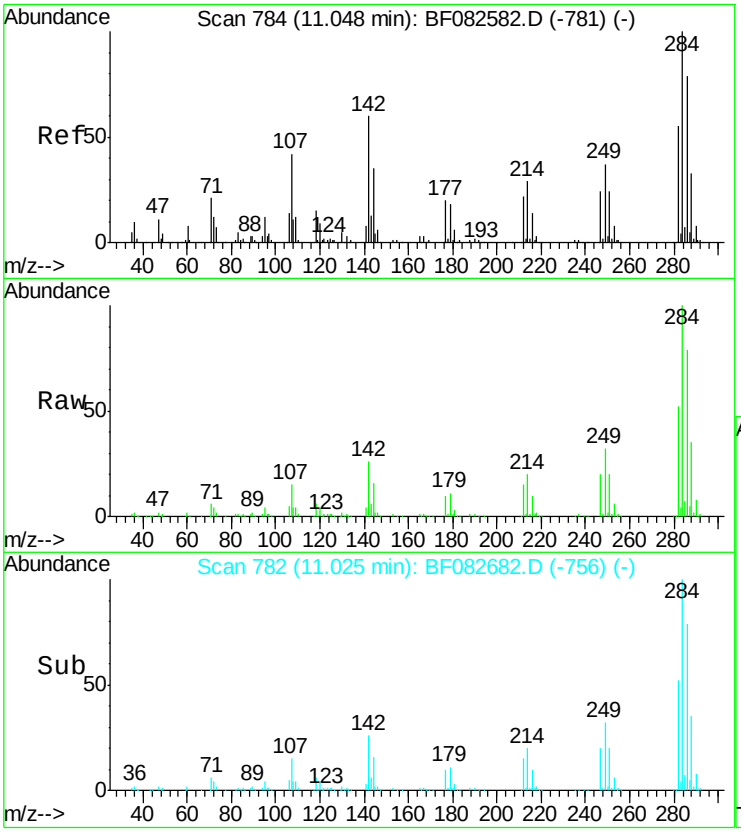


#66
4-Bromophenyl-phenylether
Concen: 49.84 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:248 Resp: 373377

Ion	Ratio	Lower	Upper
248	100		
250	96.0	79.4	119.2
141	69.4	36.3	54.5#



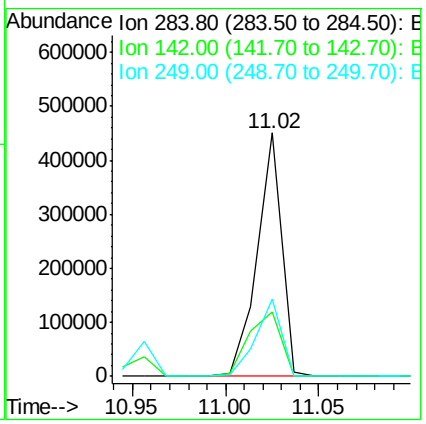


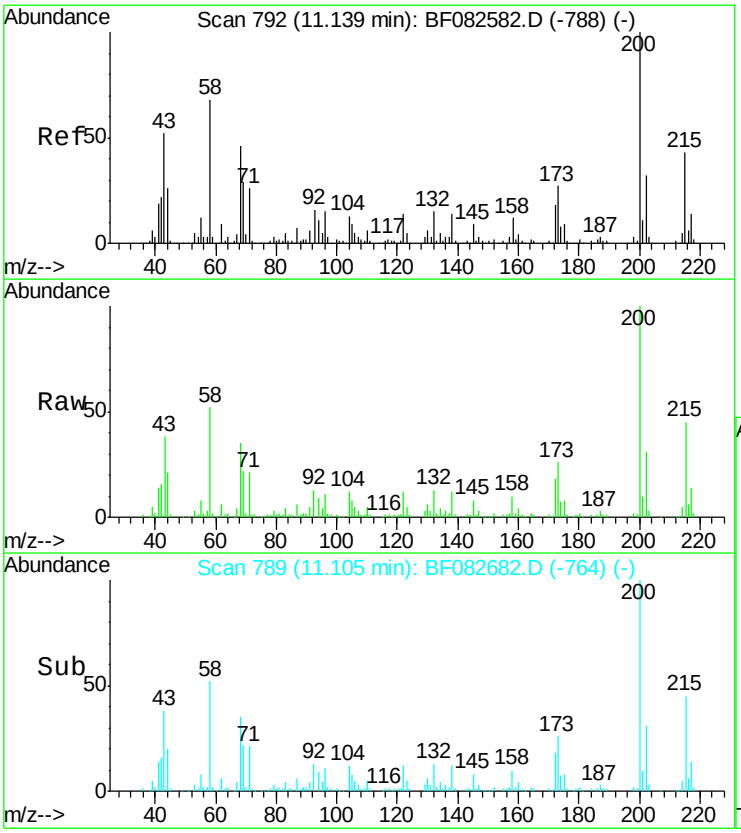
#67
Hexachlorobenzene
Concen: 49.07 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:284 Resp: 407558

Ion	Ratio	Lower	Upper
284	100		
142	26.3	47.9	71.9#
249	31.8	29.7	44.5

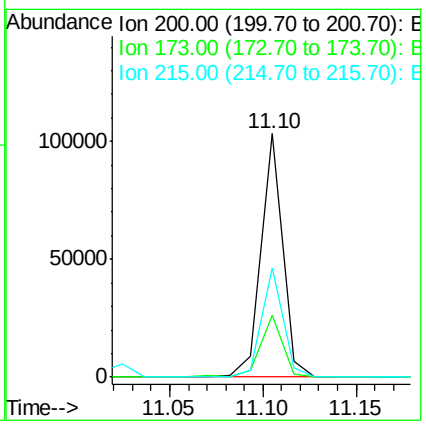


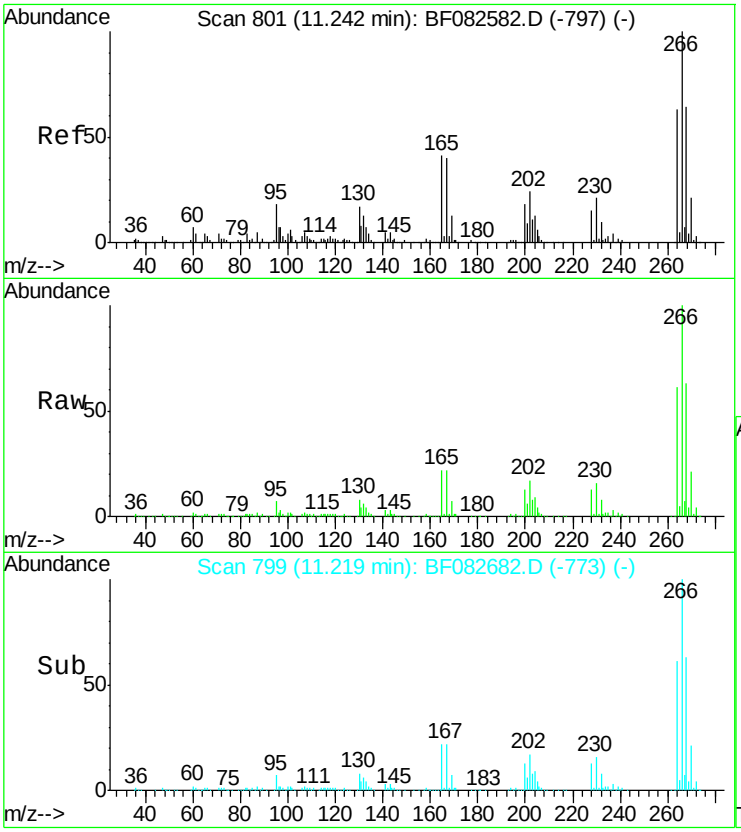


#68
Atrazine
Concen: 11.01 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:200 Resp: 81852

Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.9	46.9
215	45.0	22.9	62.9



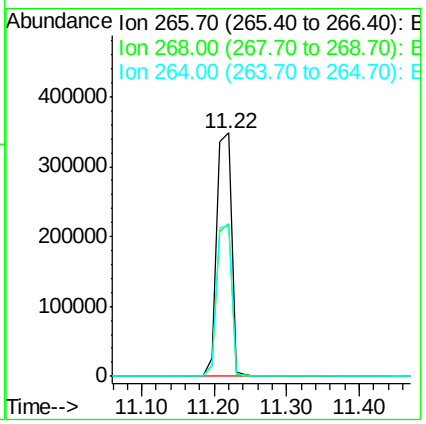


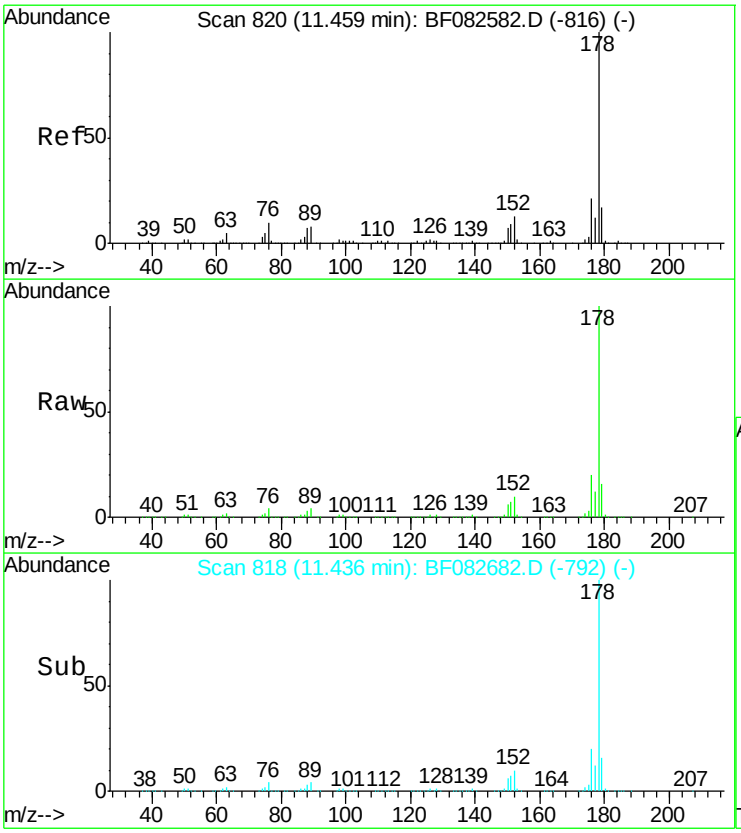
#69
Pentachlorophenol
Concen: 91.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:266 Resp: 498422

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.0	76.6
264	61.4	50.6	75.8

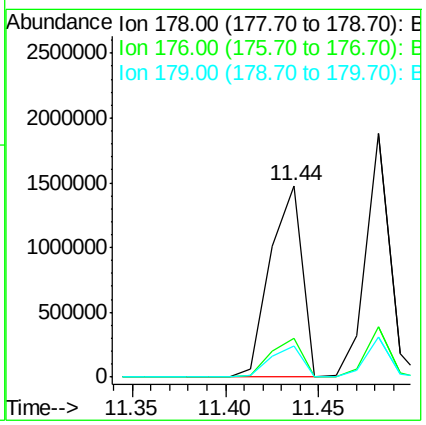


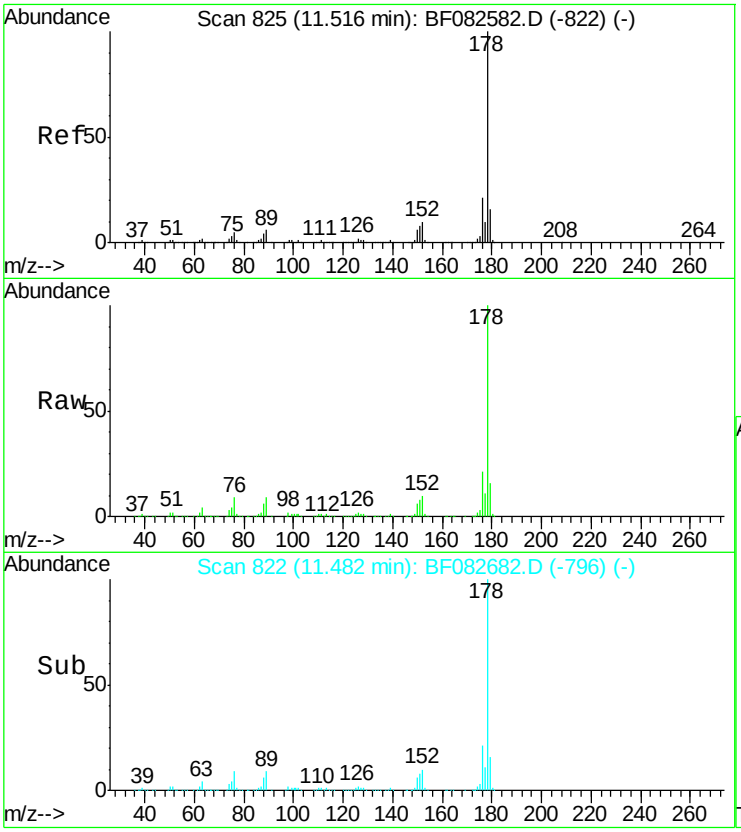


#70
Phenanthrene
Concen: 47.48 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:178 Resp: 1770217

Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.0	25.4
179	15.9	13.4	20.0



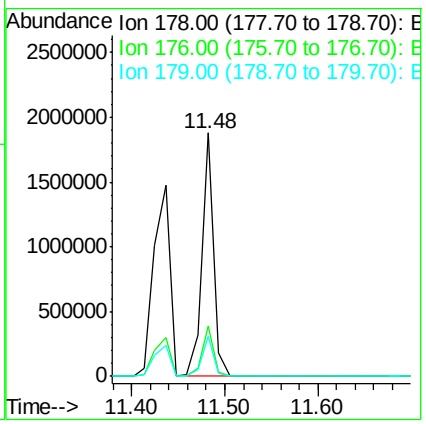


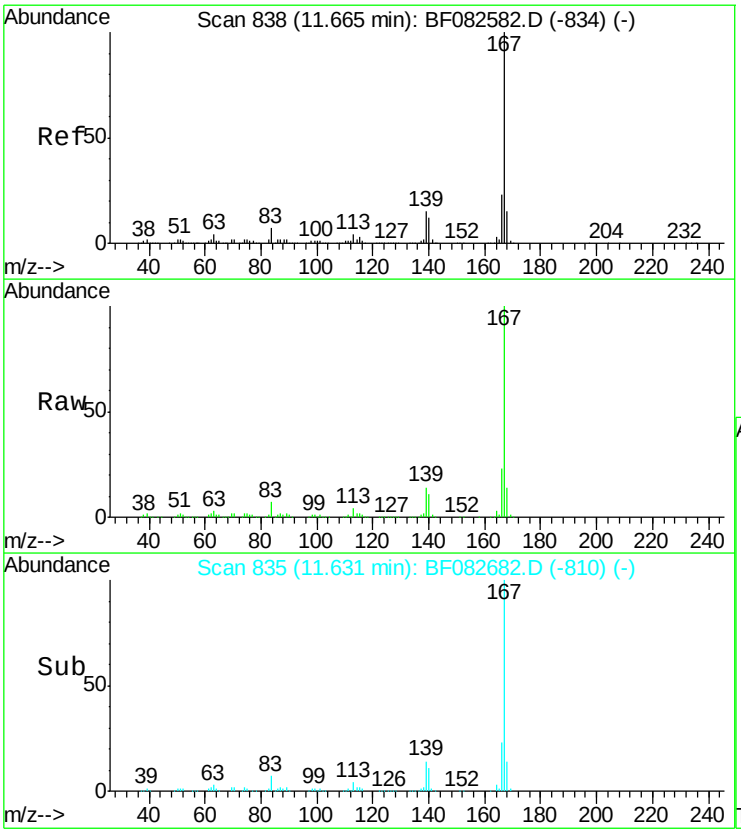
#71
Anthracene
Concen: 43.58 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:178 Resp: 1635956

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	16.3	13.2	19.8

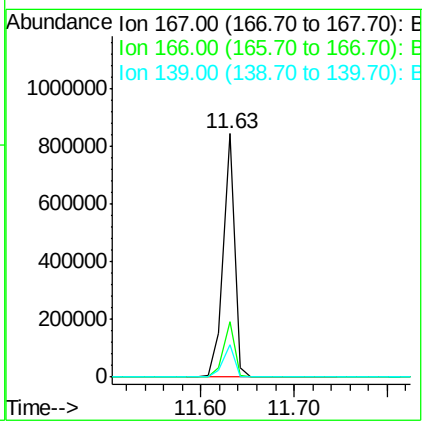


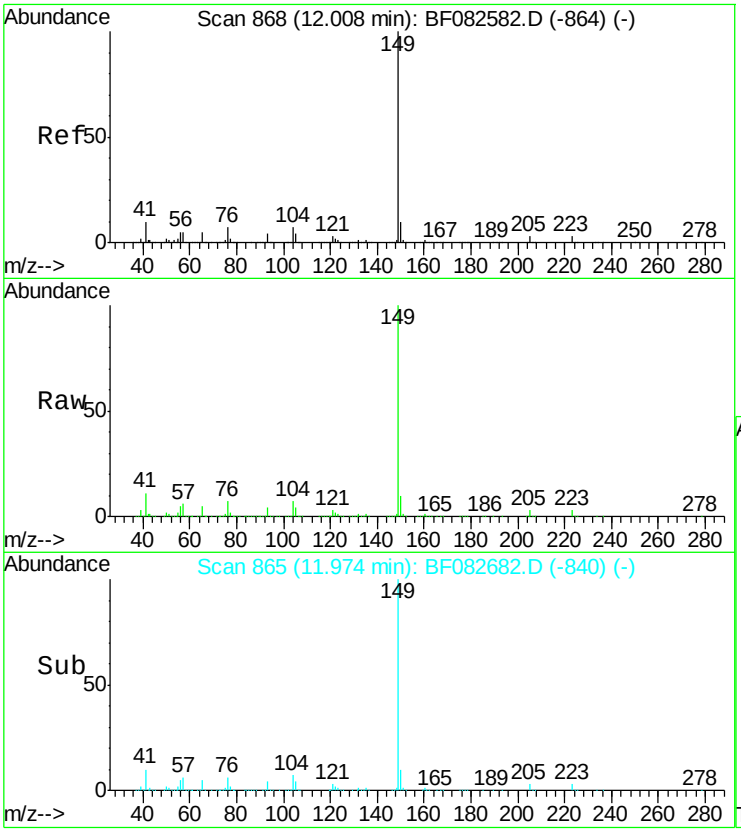


#72
Carbazole
Concen: 21.88 ng
RT: 11.63 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:167 Resp: 715401

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.7	28.1
139	13.6	11.8	17.6

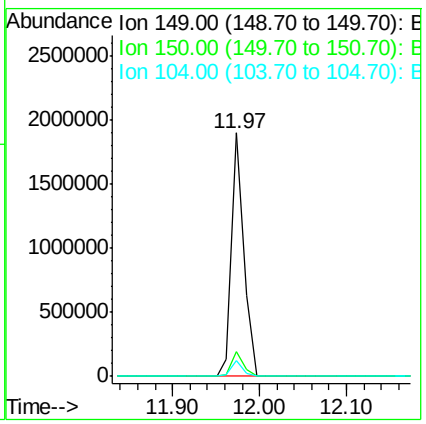




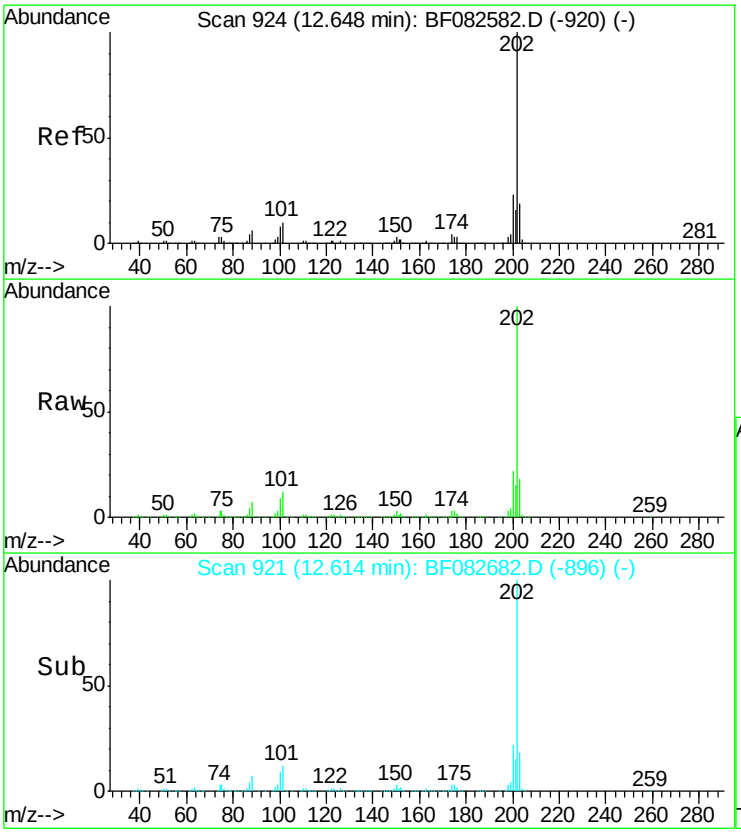
#73
Di-n-butylphthalate
Concen: 44.13 ng
RT: 11.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:149 Resp: 1836647

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.6	5.2	7.8



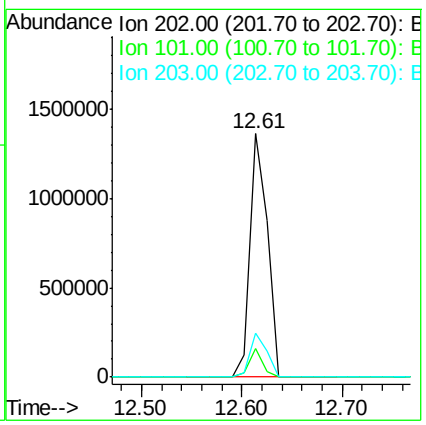
Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

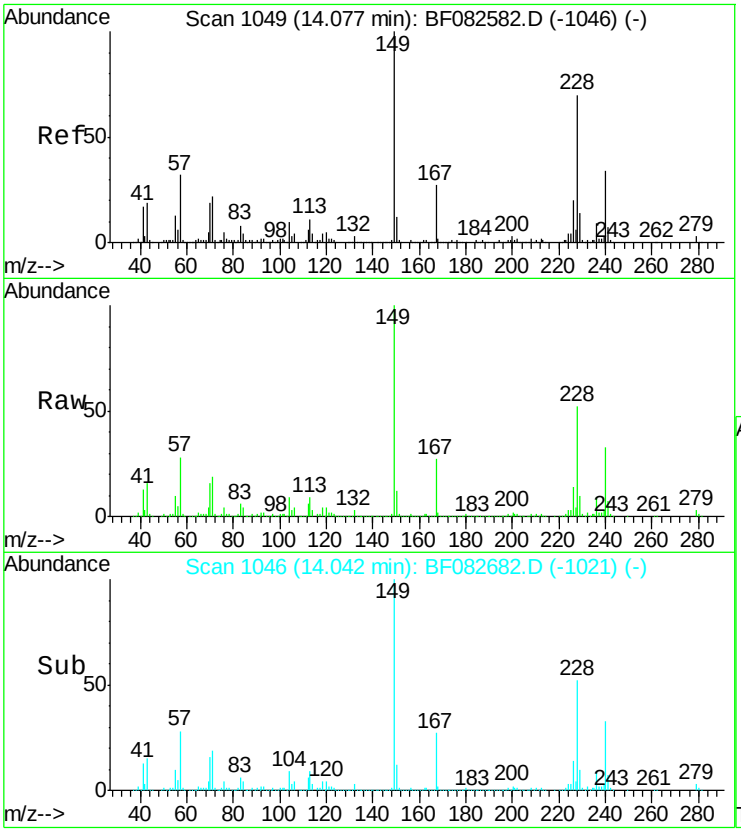


#74
Fluoranthene
Concen: 43.00 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:202 Resp: 1638814

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.5
203	18.1	0.0	38.5



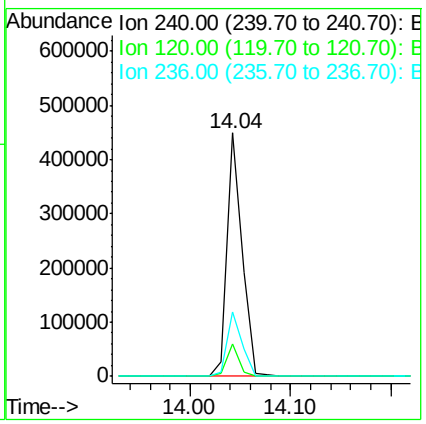


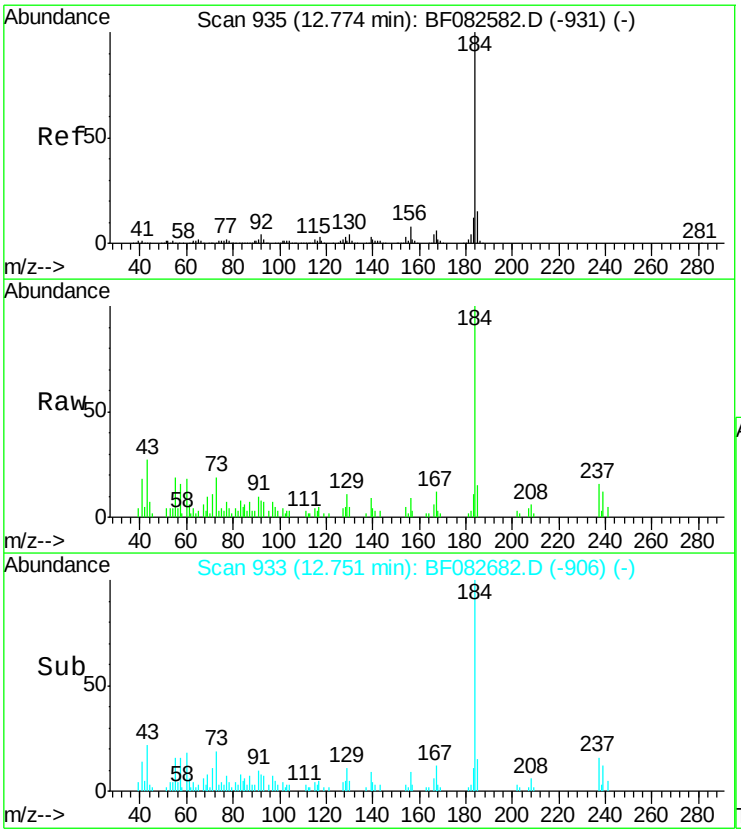
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:240 Resp: 466161

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.9	16.3
236	26.5	21.6	32.4

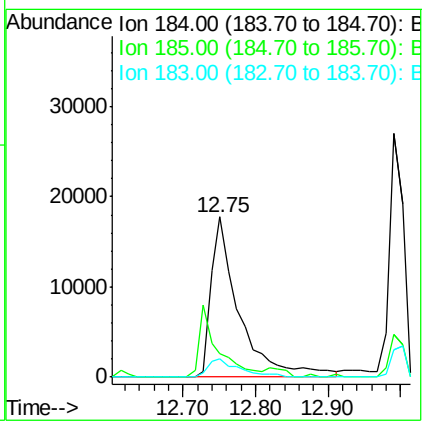


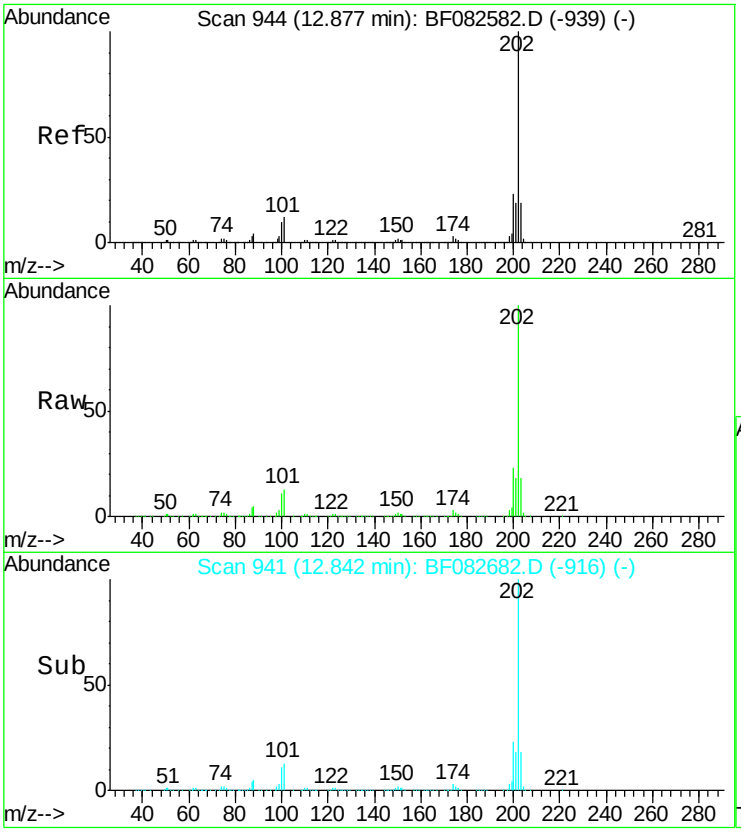


#76
Benzidine
Concen: 2.28 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:184 Resp: 47972

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.0	18.0
183	11.3	9.6	14.4



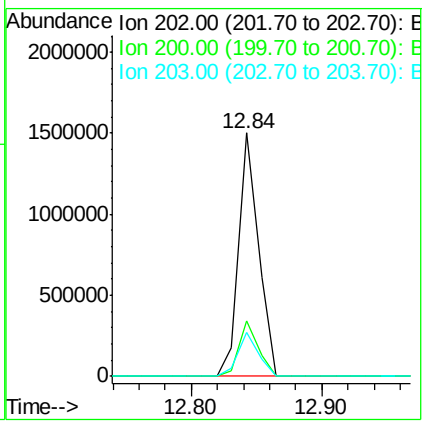


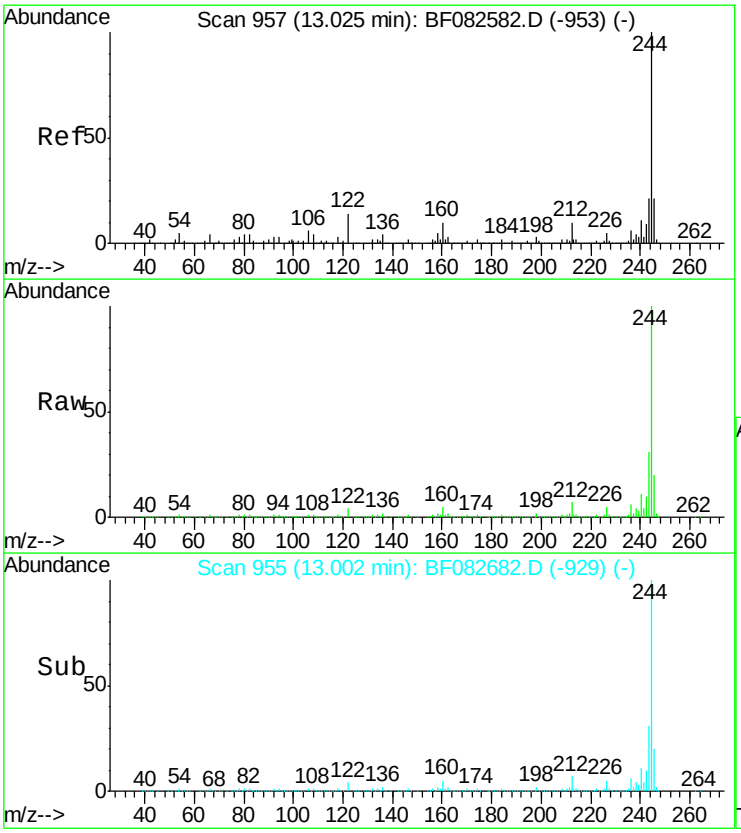
#77
Pyrene
Concen: 45.79 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:202 Resp: 1580689

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.7	28.1
203	18.2	14.8	22.2

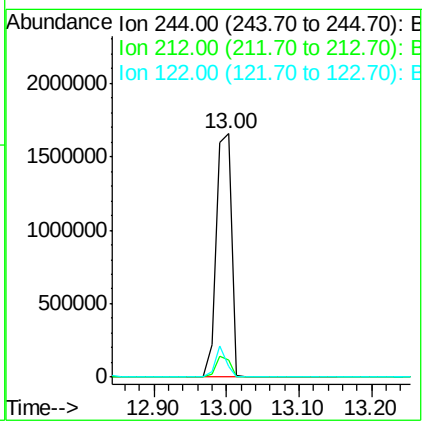


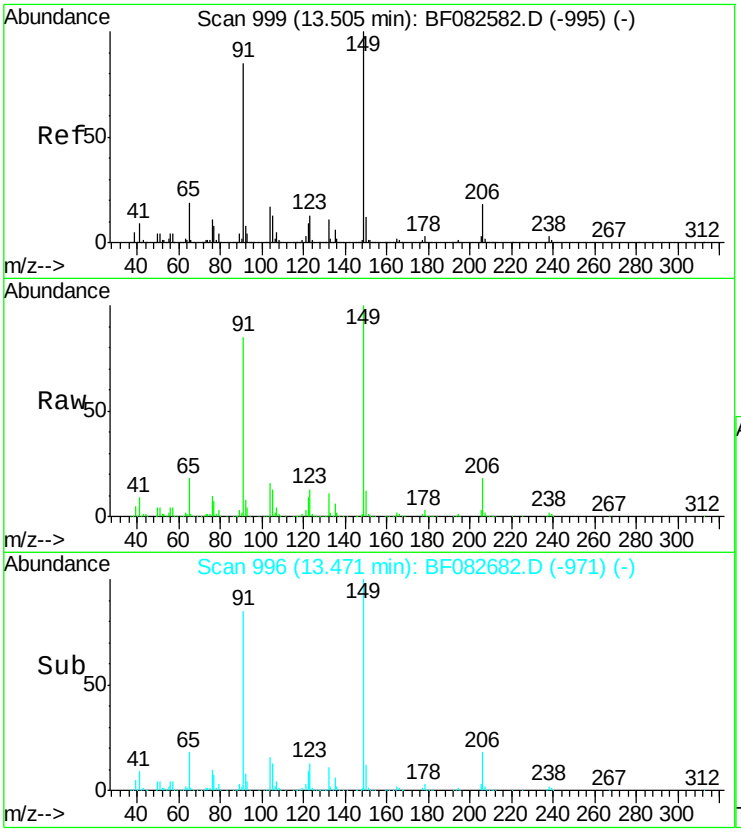


#78
Terphenyl-d14
Concen: 112.51 ng
RT: 13.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:244 Resp: 2396540

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.6	11.4#
122	4.4	11.3	16.9#



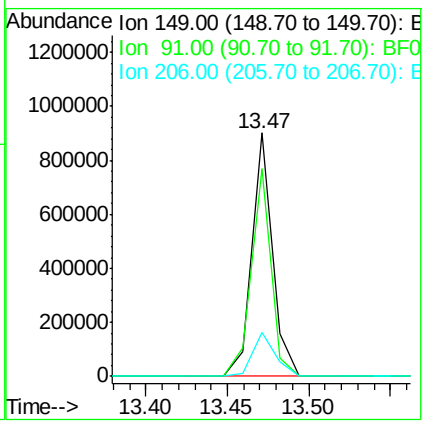


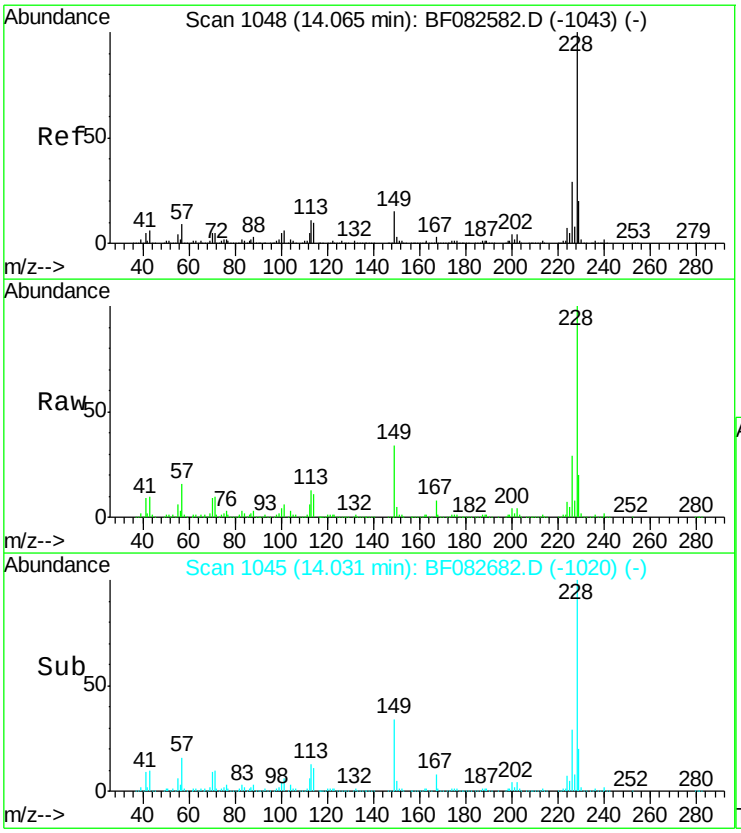
#79
Butylbenzylphthalate
Concen: 52.23 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:149 Resp: 789727

Ion	Ratio	Lower	Upper
149	100		
91	85.5	67.7	101.5
206	17.9	14.6	22.0

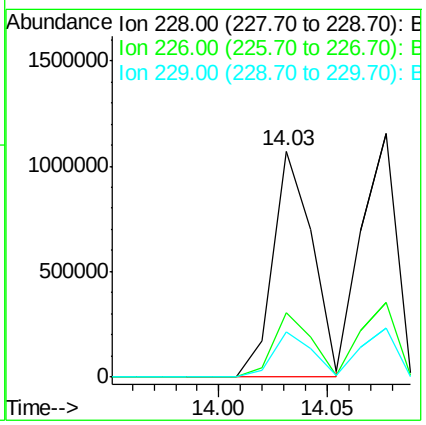


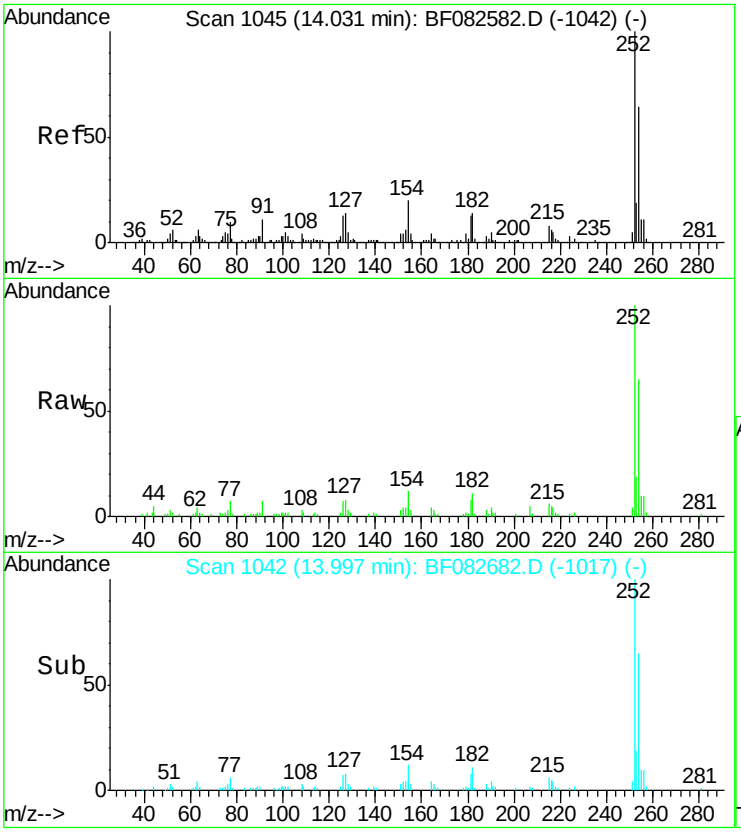


#80
Benzo(a)anthracene
Concen: 45.61 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:228 Resp: 1350482

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.1	16.3	24.5



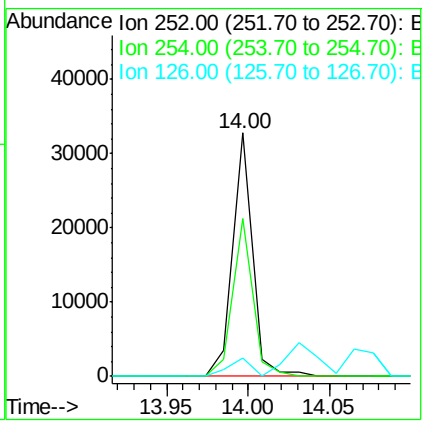


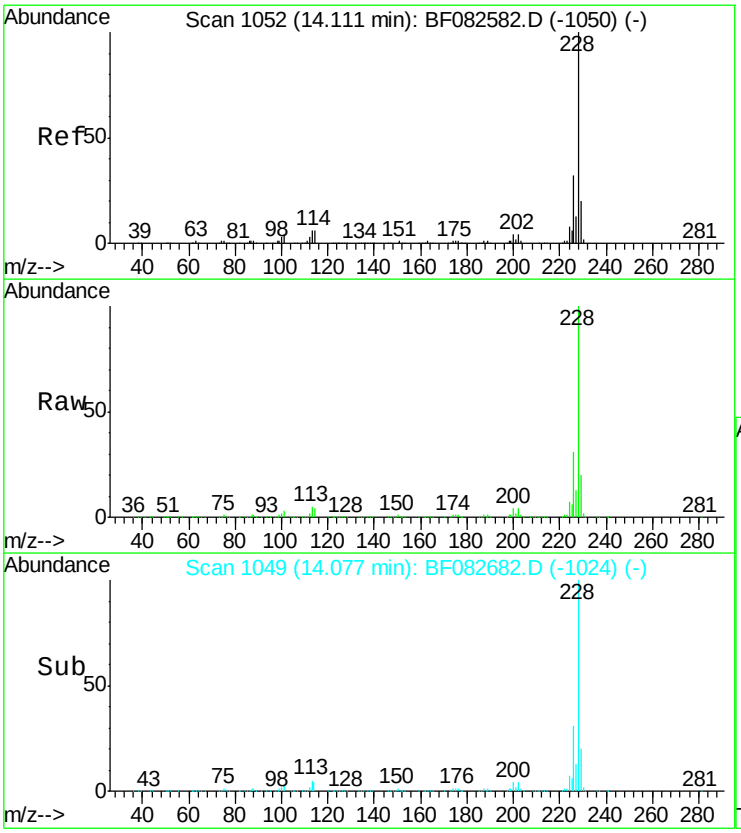
#81
3,3'-Dichlorobenzidine
Concen: 2.68 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:252 Resp: 27375

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.4	77.0
126	7.4	10.7	16.1#

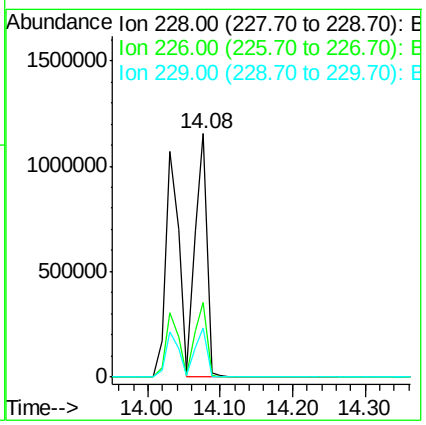


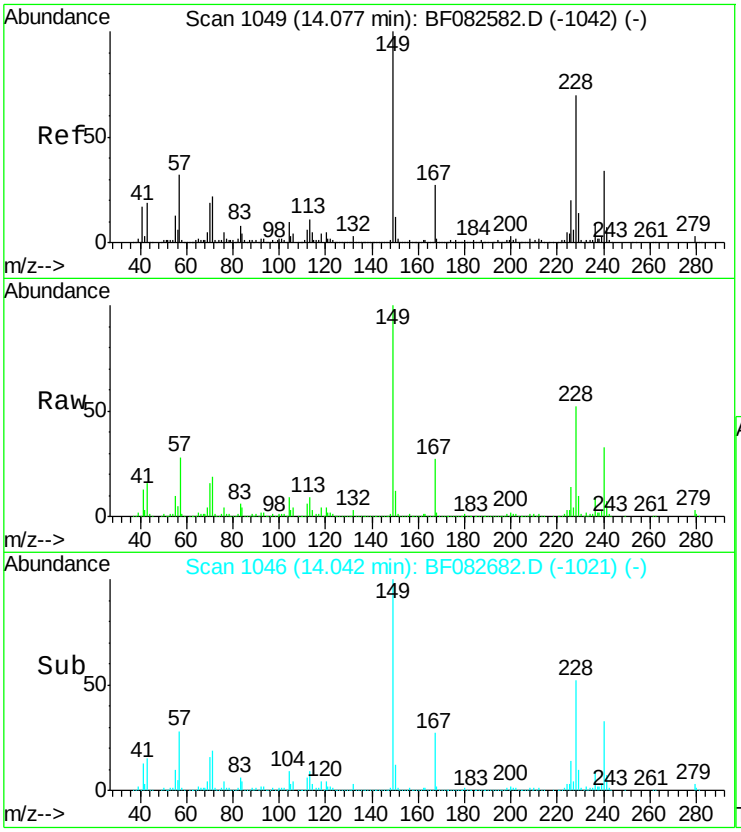


#82
Chrysene
Concen: 48.28 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:228 Resp: 1295693

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	19.9	16.3	24.5



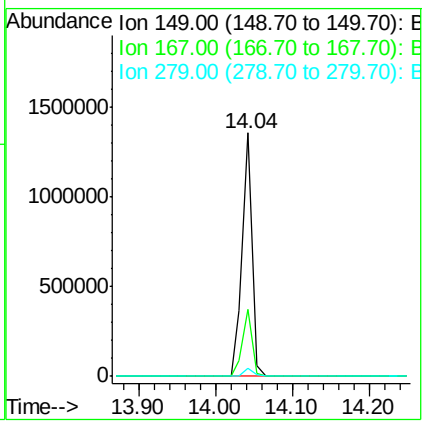


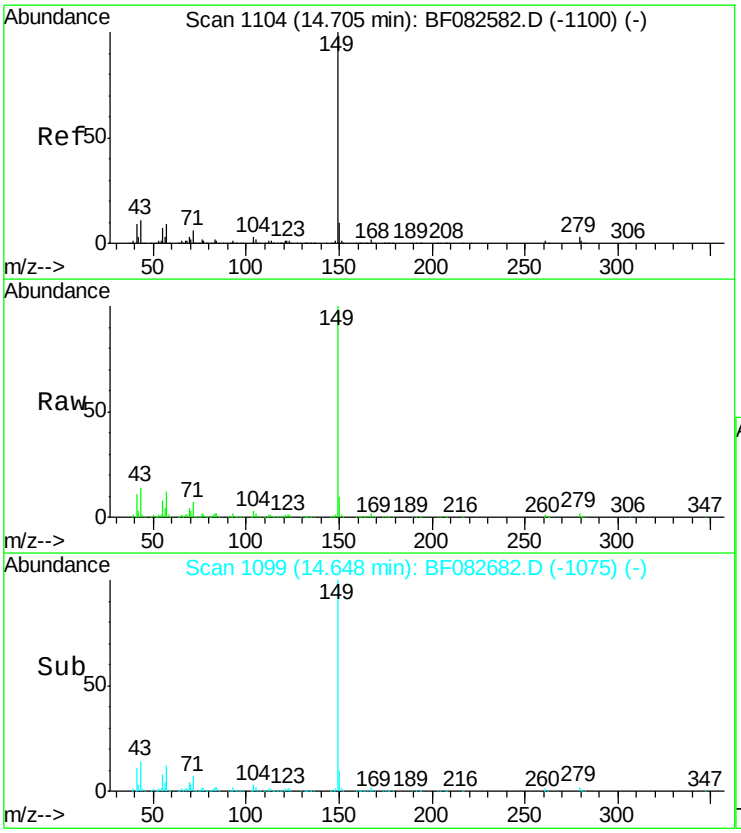
#83
Bis(2-ethylhexyl)phthalate
Concen: 62.66 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:149 Resp: 1228128

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.2	31.8
279	3.4	2.2	3.2#

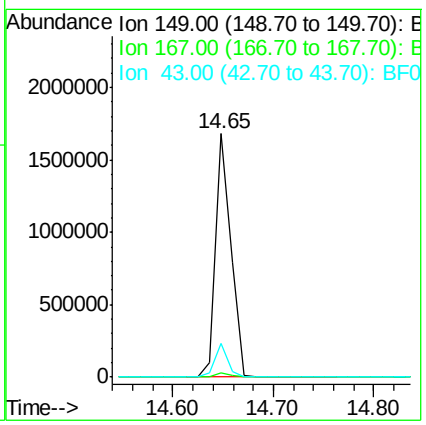


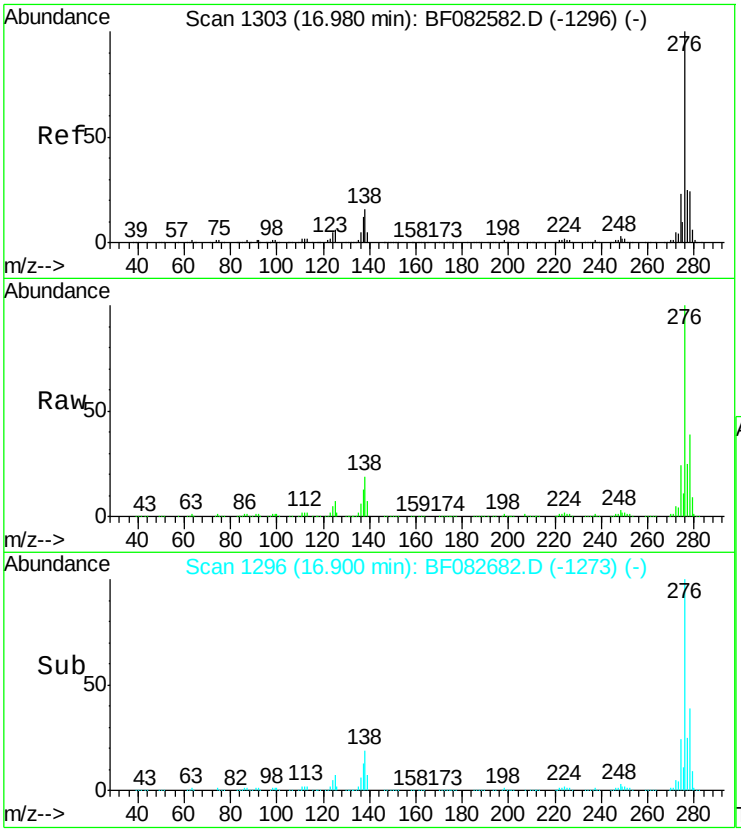


#84
Di-n-octyl phthalate
Concen: 58.29 ng
RT: 14.65 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:149 Resp: 1782030

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.6	10.1	15.1



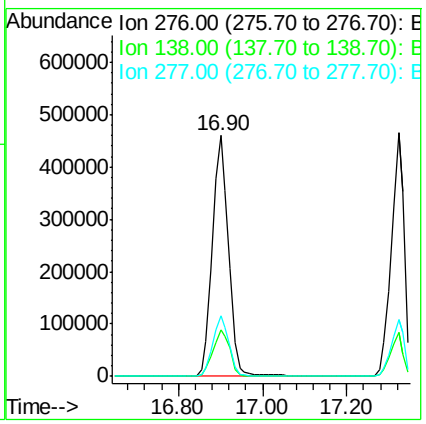


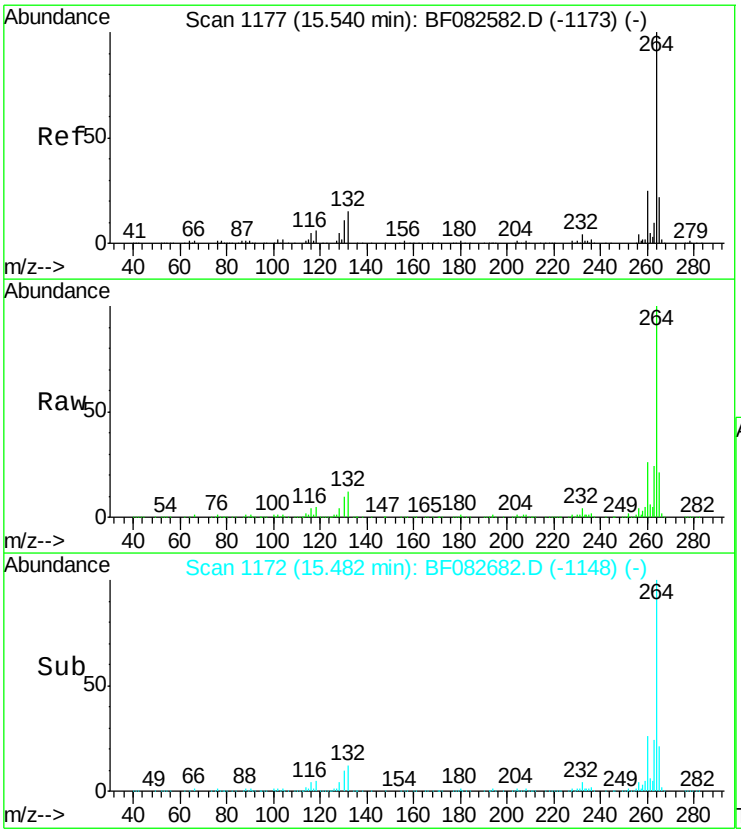
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.00 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:276 Resp: 1240333

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.3	22.9
277	25.1	20.2	30.4

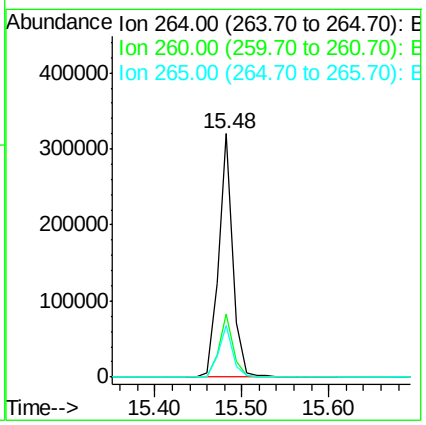


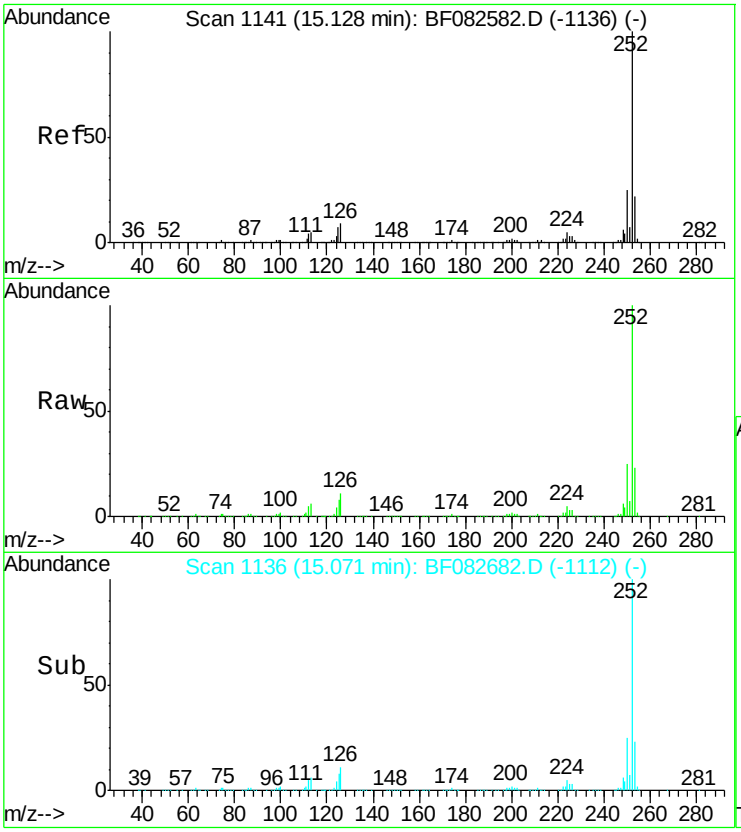


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:264 Resp: 365373

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.8	29.6
265	21.2	17.4	26.0



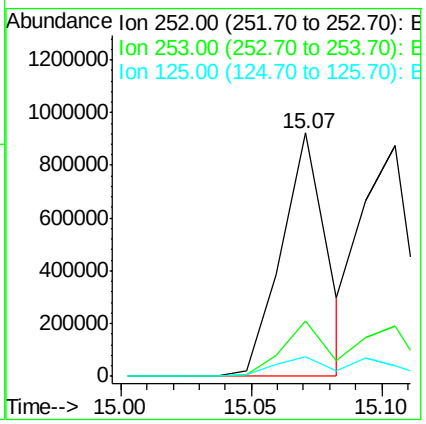


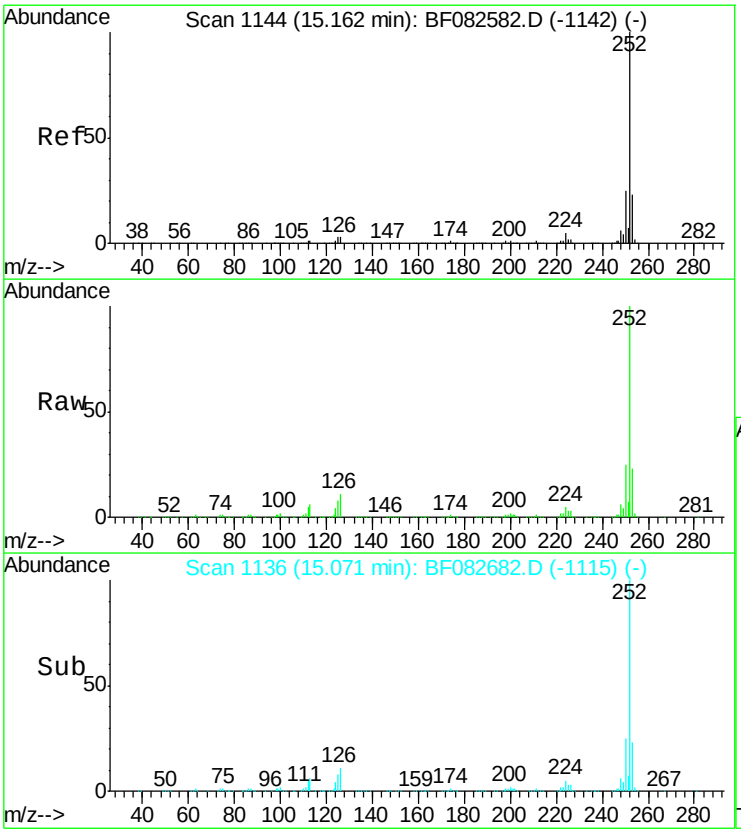
#87
Benzo(b)fluoranthene
Concen: 44.36 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:252 Resp: 1117739

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.1	5.4	8.2

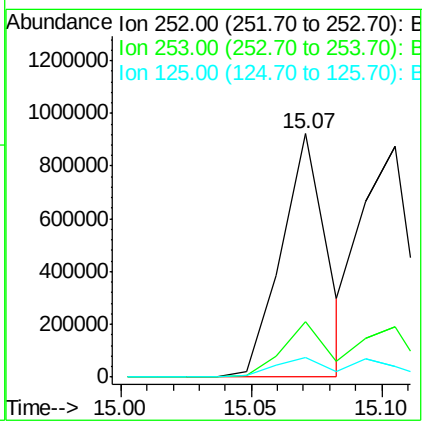


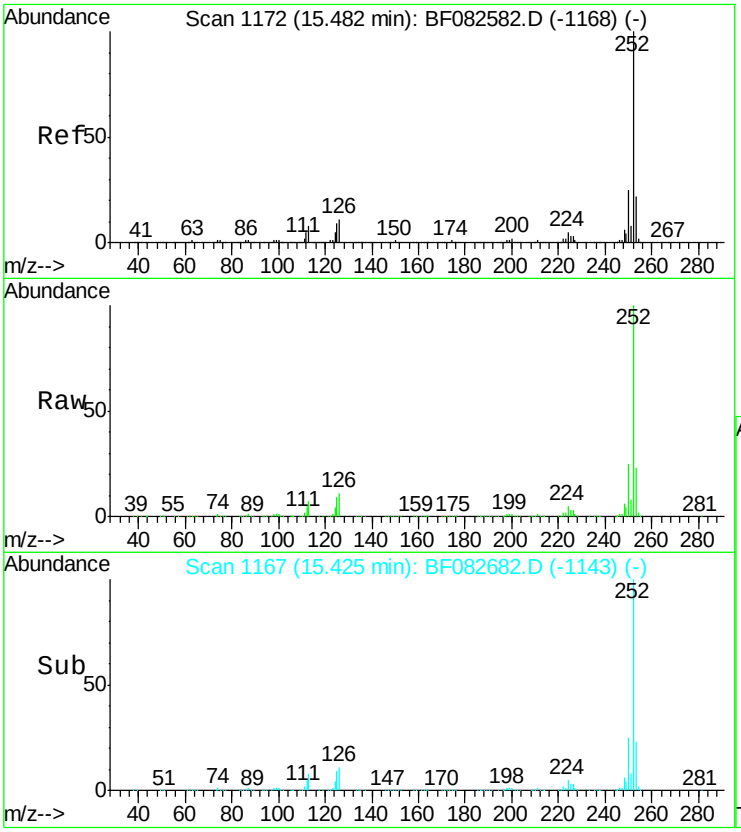


#88
Benzo(k)fluoranthene
Concen: 58.23 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:252 Resp: 1117739

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.1	3.5	5.3#



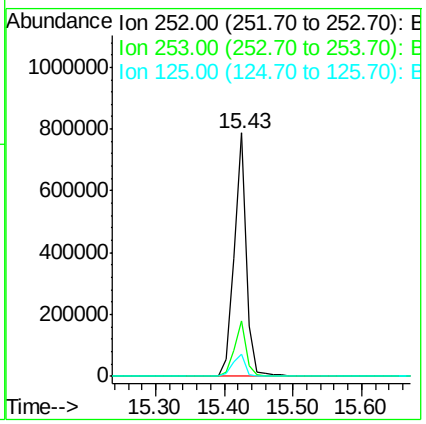


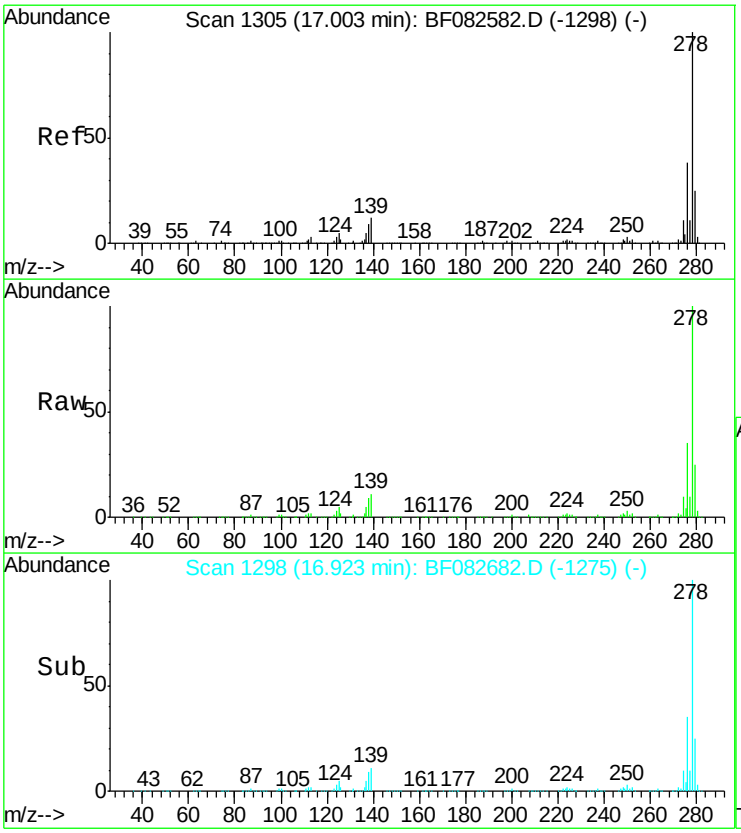
#89
Benzo(a)pyrene
Concen: 49.44 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:252 Resp: 981039

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	8.9	7.1	10.7

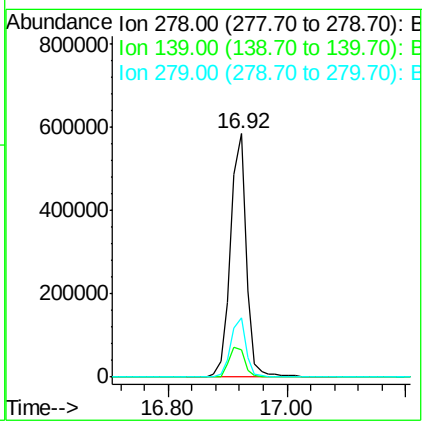


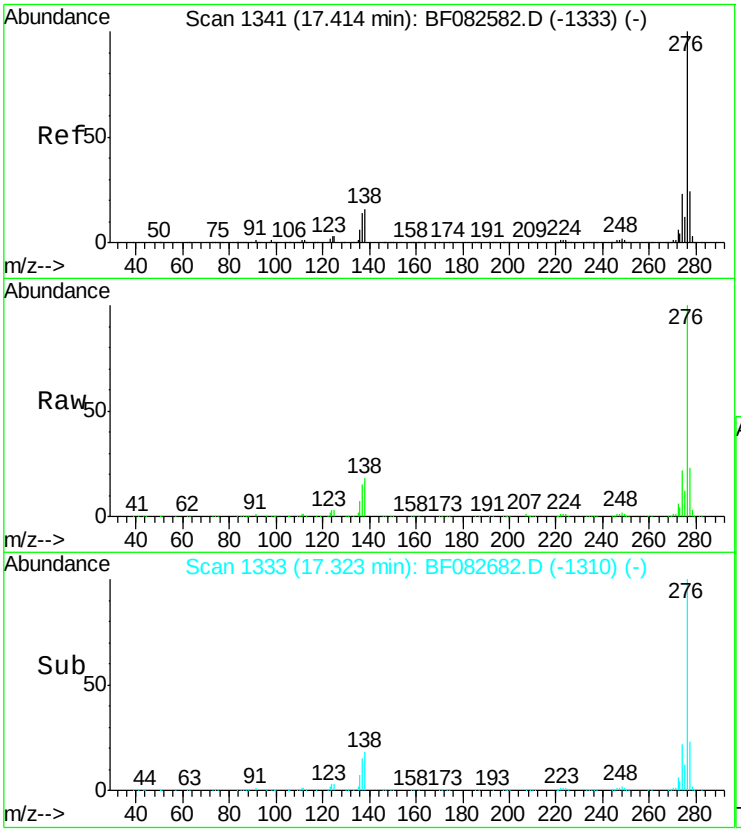


#90
Dibenzo(a,h)anthracene
Concen: 58.79 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Tgt Ion:278 Resp: 1088409

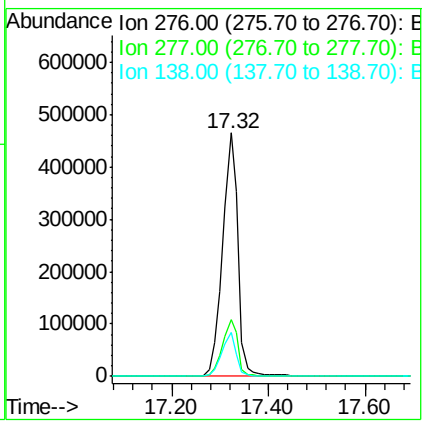
Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.9	14.9
279	24.6	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 57.14 ng
RT: 17.32 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF082682.D
Acq: 4 Nov 2015 4:09

Instrument :
BNA_F
ClientSampleId :
GACMEDIA-151029MS

Tgt Ion:276 Resp: 1025192

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	17.8	13.1	19.7