Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081151.D
Acq On : 21 Aug 2015 18:11
Operator : UM/IZ
Sample : G3312-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-1AMSD

Quant Time: Aug 21 23:29:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	60190	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	237884	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	118267	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	219767	20.00	ng		0.00
75) Chrysene-d12	13.67	240	151608	20.00	ng		0.00
86) Perylene-d12	15.00	264	124039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	532962	133.18	ng		0.02
7) Phenol-d6	6.22	99	728705	139.56	ng		0.01
23) Nitrobenzene-d5	7.13	82	469906	90.24	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	155071	151.26	ng		0.01
44) 2-Fluorobiphenyl	8.93	172	800197	88.65	ng		0.00
78) Terphenyl-d14	12.64	244	700441	99.05	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	68226	36.18	ng		100
3) Pyridine	2.62	79	207538	38.99	ng		84
4) n-Nitrosodimethylamine	2.58	42	135828	45.84	ng	#	82
6) Aniline	6.22	93	240768	31.71	ng	#	52
8) 2-Chlorophenol	6.34	128	214969	49.08	ng		97
9) Benzaldehyde	6.09	77	98003	29.12	ng		98
10) Phenol	6.23	94	280811	45.54	ng		89
11) bis(2-Chloroethyl)ether	6.31	93	241280	50.99	ng		94
12) 1,3-Dichlorobenzene	6.73	146	209697	44.55	ng		97
13) 1,4-Dichlorobenzene	6.57	146	197486	42.38	ng		93
14) 1,2-Dichlorobenzene	6.73	146	209925	48.13	ng		92
15) Benzyl Alcohol	6.72	79	220518	52.20	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	448763	48.27	ng		98
17) 2-Methylphenol	6.84	107	171043	45.51	ng		97
18) Hexachloroethane	7.06	117	80038	42.50	ng	#	88
19) n-Nitroso-di-n-propylamine	7.00	70	166755	46.11	ng		91
20) 3+4-Methylphenols	7.00	107	219704	46.06	ng	#	48
22) Acetophenone	6.98	105	322519	51.64	ng	#	88
24) Nitrobenzene	7.16	77	288512	52.99	ng		94
25) Isophorone	7.40	82	459211	47.29	ng		98
26) 2-Nitrophenol	7.46	139	103893	45.88	ng	#	87
27) 2,4-Dimethylphenol	7.52	122	173586	43.33	ng		93
28) bis(2-Chloroethoxy)methane	7.61	93	263710	45.97	ng		100
29) 2,4-Dichlorophenol	7.72	162	181708	53.88	ng		94
30) 1,2,4-Trichlorobenzene	7.80	180	185479	49.48	ng		99
31) Naphthalene	7.86	128	578840	43.65	ng		98
32) Benzoic acid	7.61	122	19283	8.56	ng		91
33) 4-Chloroaniline	7.92	127	179100	32.01	ng		96
34) Hexachlorobutadiene	7.99	225	98717	46.57	ng		98
35) Caprolactam	8.24	113	2649	2.25	ng		91
36) 4-Chloro-3-methylphenol	8.42	107	231747	57.66	ng		96
37) 2-Methylnaphthalene	8.56	142	415110	49.56	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	158806	41.62	ng	#	97
40) Hexachlorocyclopentadiene	8.71	237	77539	39.26	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081151.D
Acq On : 21 Aug 2015 18:11
Operator : UM/IZ
Sample : G3312-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-1AMSD

Quant Time: Aug 21 23:29:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	117279	43.51	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	120612	44.77	ng	#	89
45) 1,1'-Biphenyl	9.02	154	439526	42.19	ng		96
46) 2-Chloronaphthalene	9.04	162	367094	43.86	ng		95
47) 2-Nitroaniline	9.14	65	176320	51.48	ng		95
48) Acenaphthylene	9.45	152	640567	42.79	ng		99
49) Dimethylphthalate	9.34	163	553790	56.86	ng		100
50) 2,6-Dinitrotoluene	9.40	165	104423	49.93	ng	#	81
51) Acenaphthene	9.62	154	378219	42.20	ng		99
52) 3-Nitroaniline	9.56	138	95337	36.43	ng		87
53) 2,4-Dinitrophenol	9.66	184	32368	33.05	ng	#	74
54) Dibenzofuran	9.80	168	558208	46.48	ng		97
55) 4-Nitrophenol	9.74	139	183670	99.93	ng	#	77
56) 2,4-Dinitrotoluene	9.80	165	132012	47.63	ng		97
57) Fluorene	10.13	166	411946	44.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	98277	47.13	ng		97
59) Diethylphthalate	10.02	149	469753	45.57	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	172221	44.05	ng		93
61) 4-Nitroaniline	10.16	138	108756	40.66	ng		93
62) Azobenzene	10.29	77	522550	43.99	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	35215	26.83	ng	#	61
65) n-Nitrosodiphenylamine	10.25	169	350311	44.65	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	113338	52.50	ng	#	92
67) Hexachlorobenzene	10.68	284	110610	50.59	ng	#	93
68) Atrazine	10.79	200	123329	56.43	ng		99
69) Pentachlorophenol	10.87	266	114682	87.42	ng		98
70) Phenanthrene	11.09	178	629515	48.33	ng		100
71) Anthracene	11.13	178	572864	45.20	ng		100
72) Carbazole	11.29	167	574520	47.08	ng		99
73) Di-n-butylphthalate	11.64	149	682586	46.23	ng		98
74) Fluoranthene	12.25	202	619585	44.08	ng		92
76) Benzidine	12.39	184	211801	36.98	ng		99
77) Pyrene	12.48	202	671531	54.49	ng		99
79) Butylbenzylphthalate	13.12	149	317769	59.98	ng		97
80) Benzo(a)anthracene	13.66	228	487110	47.91	ng		100
81) 3,3'-Dichlorobenzidine	13.64	252	168736	51.24	ng	#	97
82) Chrysene	13.69	228	427616	46.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	417729	61.56	ng	#	98
84) Di-n-octyl phthalate	14.29	149	641877	62.24	ng		98
85) Indeno(1,2,3-cd)pyrene	16.19	276	360290	56.00	ng	#	94
87) Benzo(b)fluoranthene	14.65	252	738535	84.17	ng		98
88) Benzo(k)fluoranthene	14.65	252	738535	90.34	ng		98
89) Benzo(a)pyrene	14.95	252	350154	45.80	ng	#	95
90) Dibenzo(a,h)anthracene	16.21	278	297054	49.87	ng	#	97
91) Benzo(g,h,i)perylene	16.55	276	292563	48.41	ng	#	96

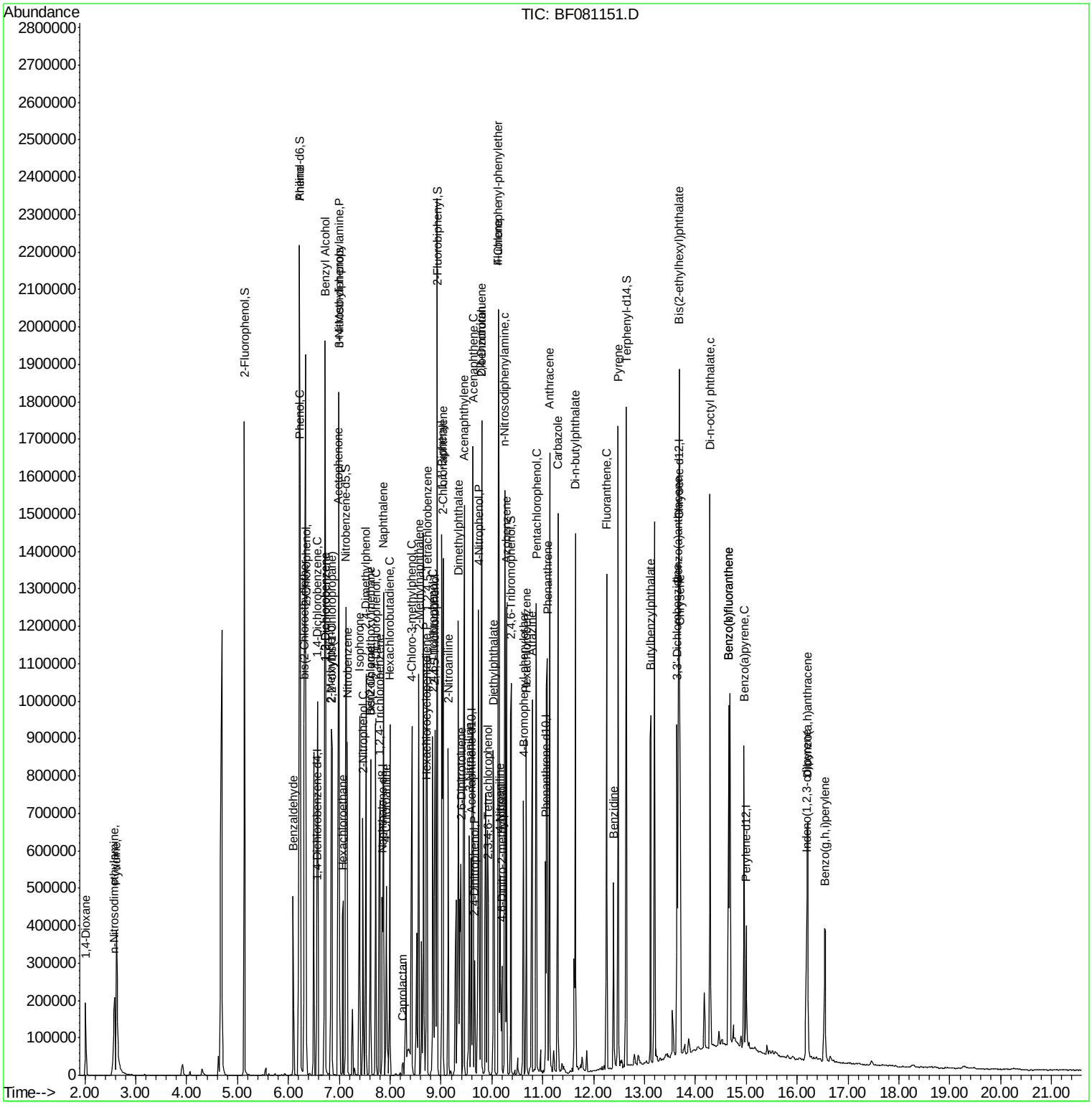
(#) = qualifier out of range (m) = manual integration (+) = signals summed

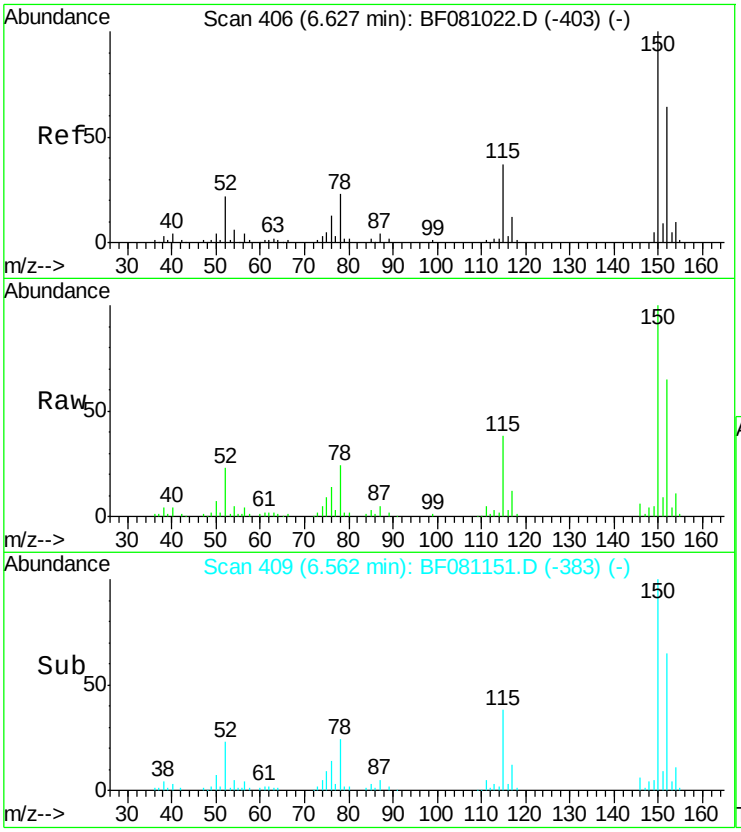
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081151.D
Acq On : 21 Aug 2015 18:11
Operator : UM/IZ
Sample : G3312-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Quant Time: Aug 21 23:29:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration



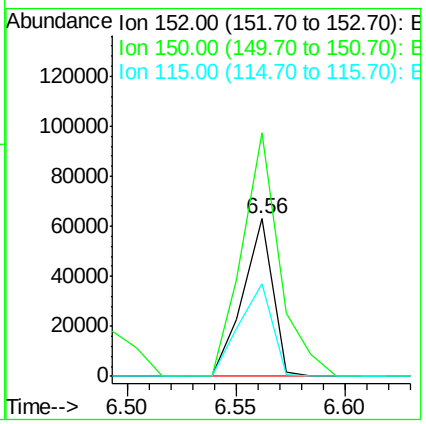


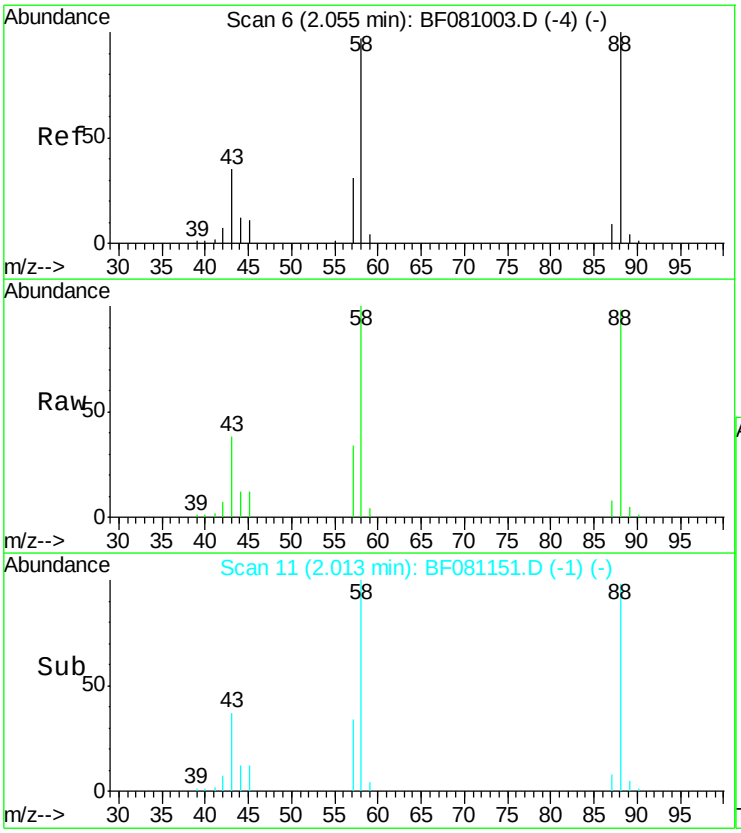
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:152 Resp: 60190

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.8	185.6
115	58.6	52.1	78.1

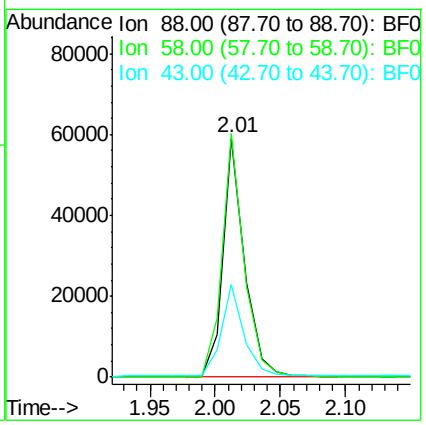


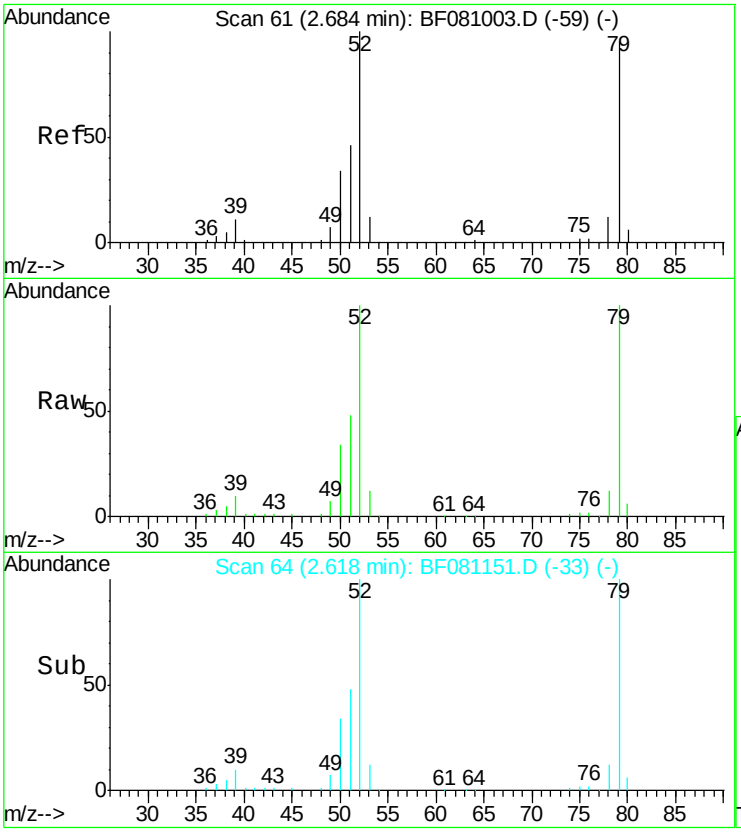


#2
1,4-Dioxane
Concen: 36.18 ng
RT: 2.01 min Scan# 11
Delta R.T. 0.07 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 88 Resp: 68226

Ion	Ratio	Lower	Upper
88	100		
58	104.4	83.7	125.5
43	46.8	37.5	56.3



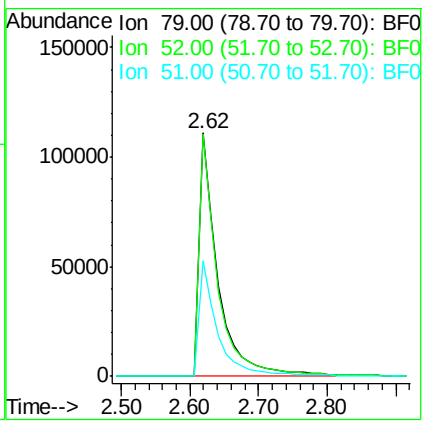


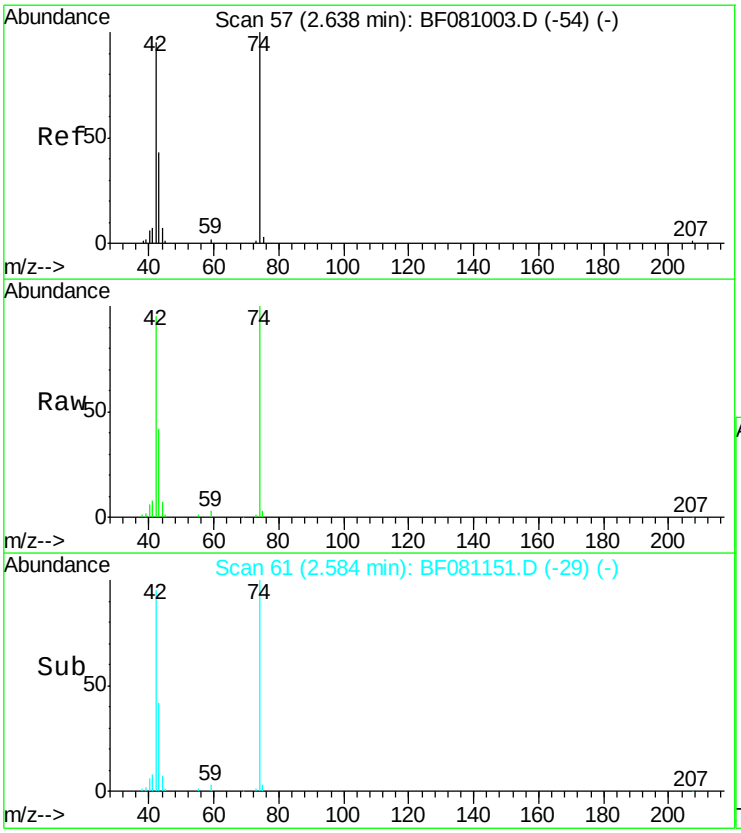
#3
Pyridine
Concen: 38.99 ng
RT: 2.62 min Scan# 64
Delta R.T. 0.06 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 79 Resp: 207538

Ion	Ratio	Lower	Upper
79	100		
52	99.7	95.1	142.7
51	47.6	46.6	70.0

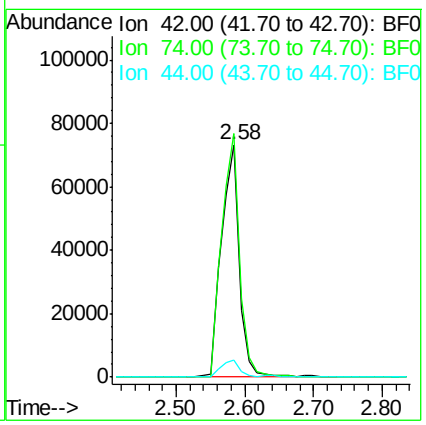


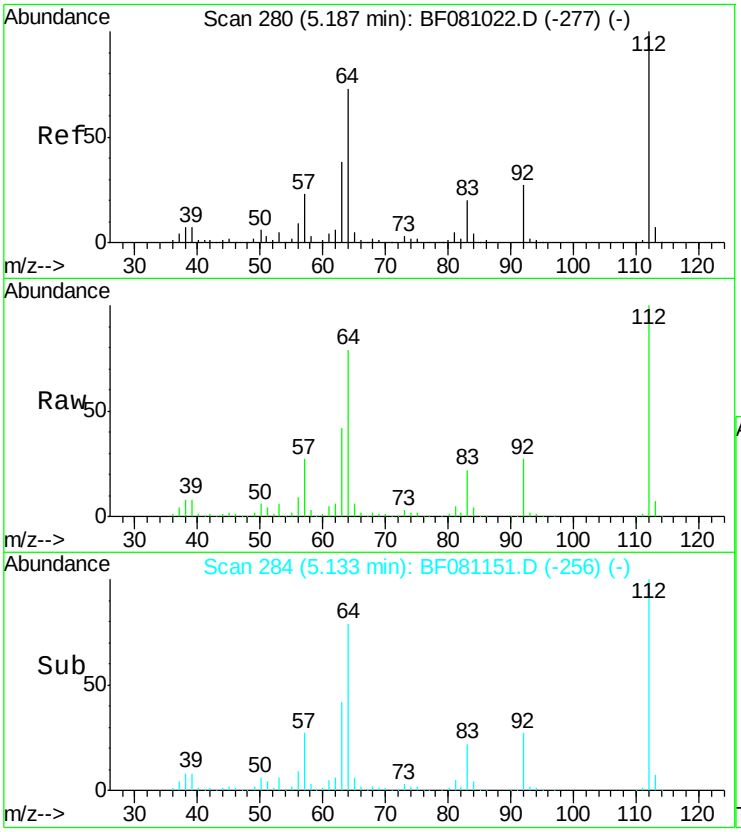


#4
n-Nitrosodimethylamine
Concen: 45.84 ng
RT: 2.58 min Scan# 61
Delta R.T. 0.07 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 42 Resp: 135828

Ion	Ratio	Lower	Upper
42	100		
74	104.8	69.3	103.9#
44	7.3	5.5	8.3



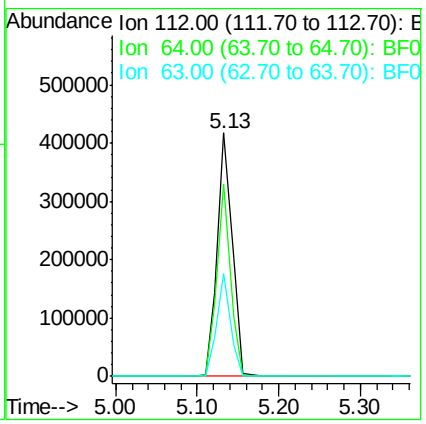


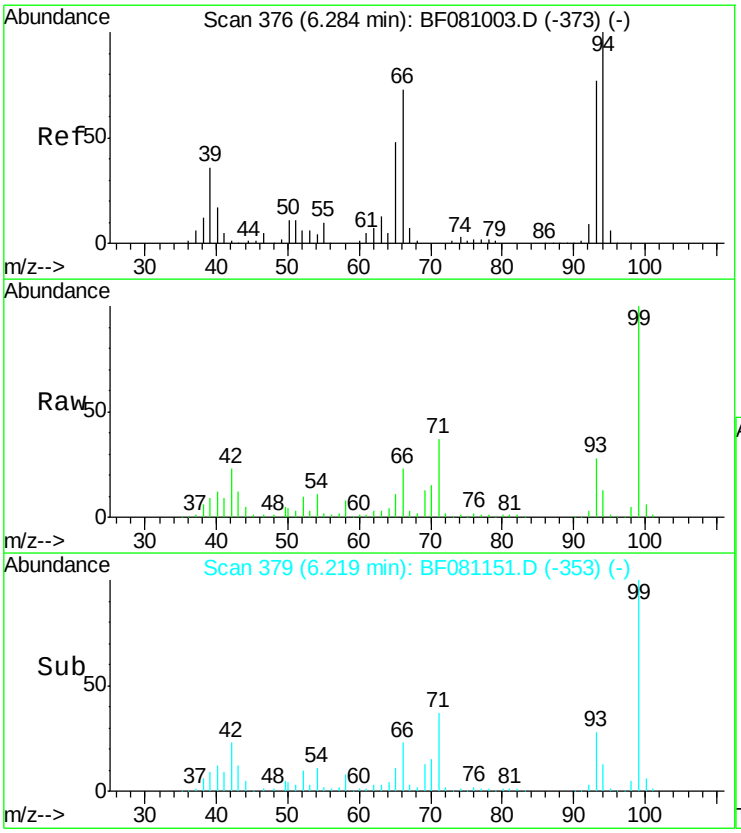
#5
2-Fluorophenol
Concen: 133.18 ng
RT: 5.13 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:112 Resp: 532962

Ion	Ratio	Lower	Upper
112	100		
64	79.3	66.9	100.3
63	42.3	38.1	57.1

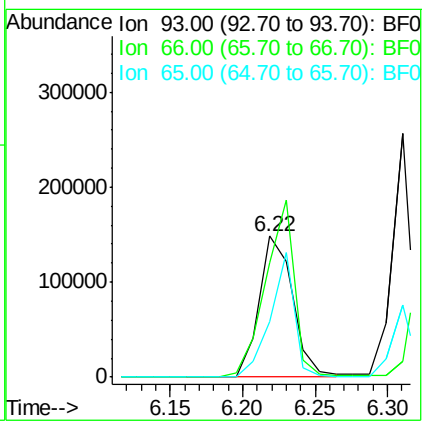


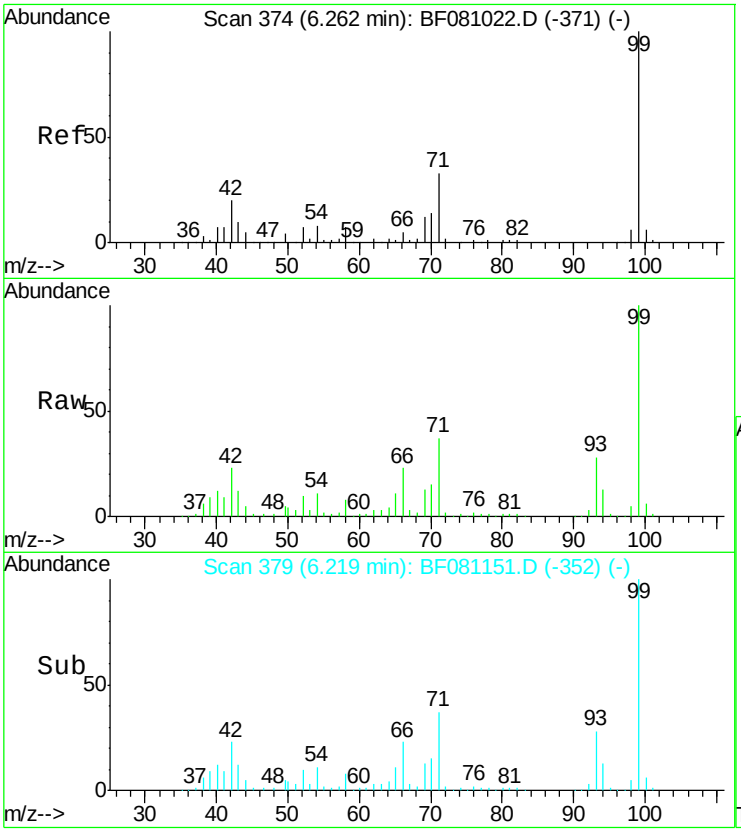


#6
Aniline
Concen: 31.71 ng
RT: 6.22 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 93 Resp: 240768

Ion	Ratio	Lower	Upper
93	100		
66	81.2	35.6	53.4#
65	39.7	18.7	28.1#



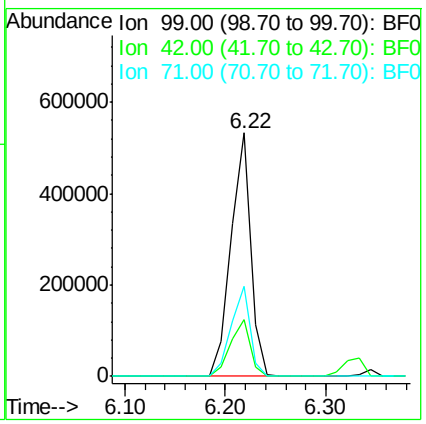


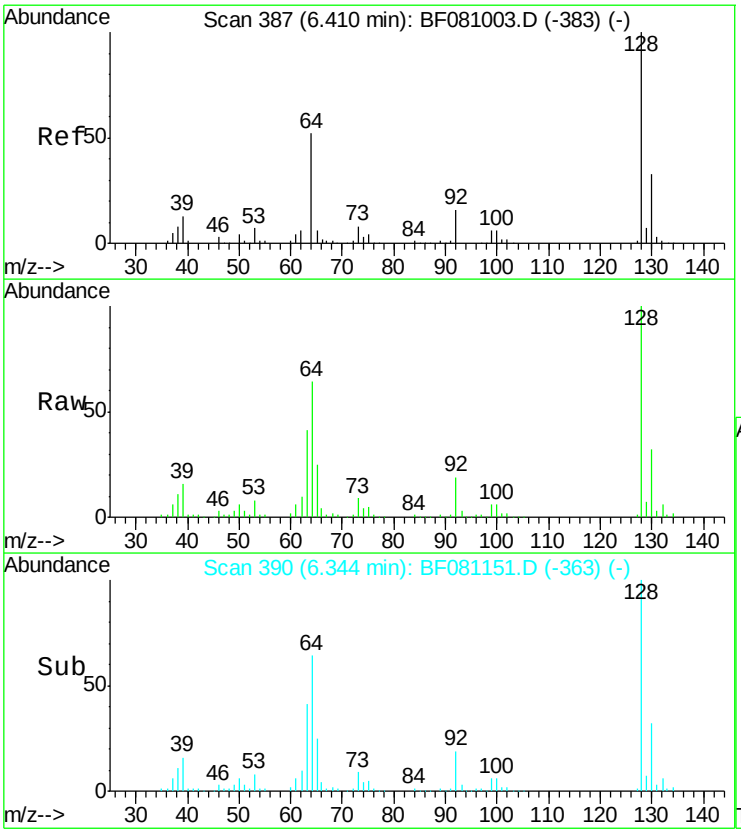
#7
Phenol-d6
Concen: 139.56 ng
RT: 6.22 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 99 Resp: 728705

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.6	29.4
71	36.9	31.2	46.8

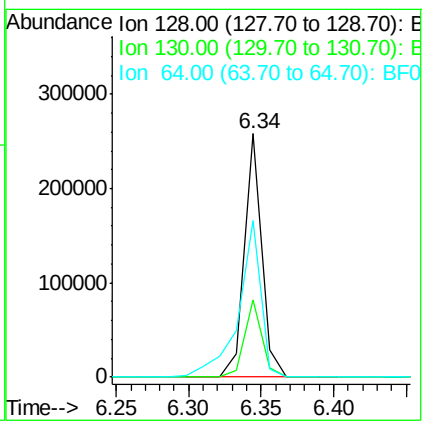


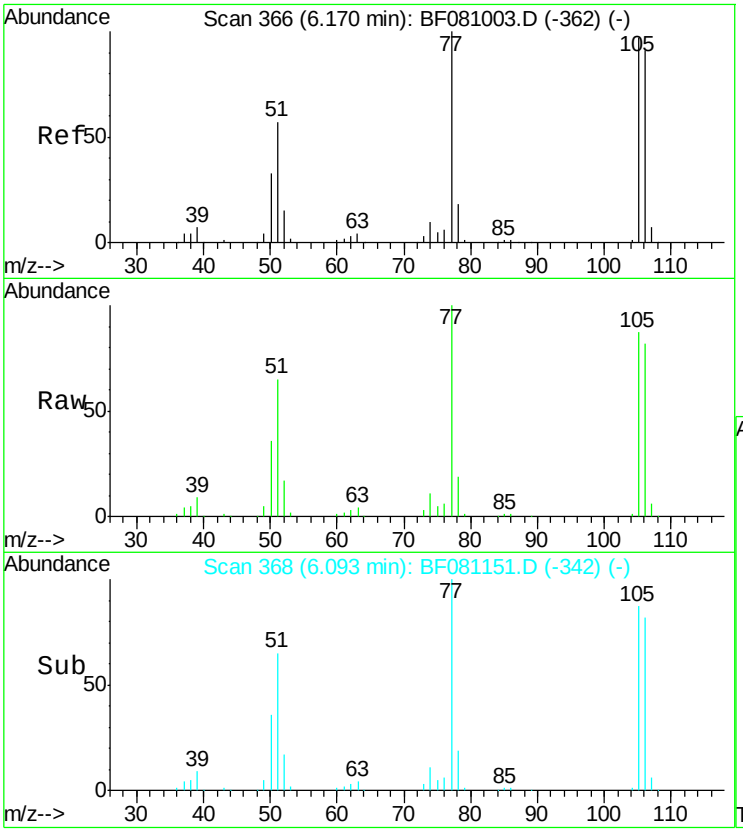


#8
2-Chlorophenol
Concen: 49.08 ng
RT: 6.34 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:128 Resp: 214969

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.5	52.5
64	64.2	46.8	86.8



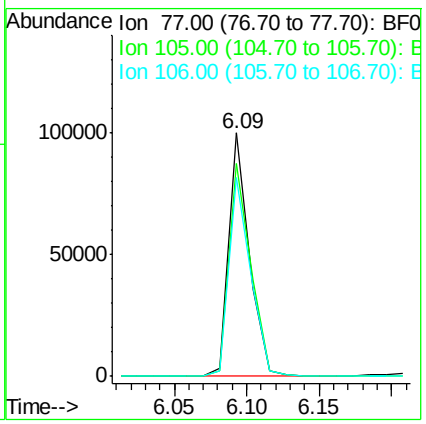


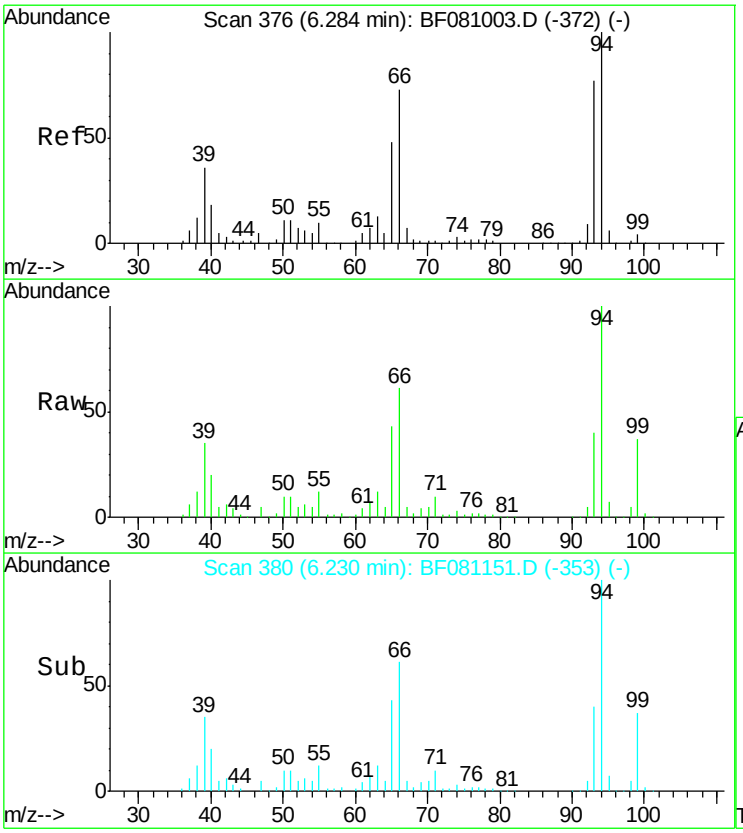
#9
Benzaldehyde
Concen: 29.12 ng
RT: 6.09 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 77 Resp: 98003

Ion	Ratio	Lower	Upper
77	100		
105	87.4	69.6	109.6
106	81.8	64.0	104.0

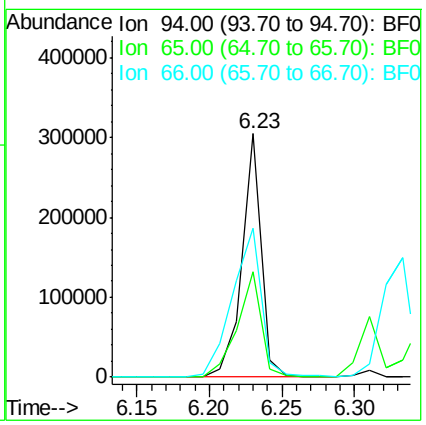


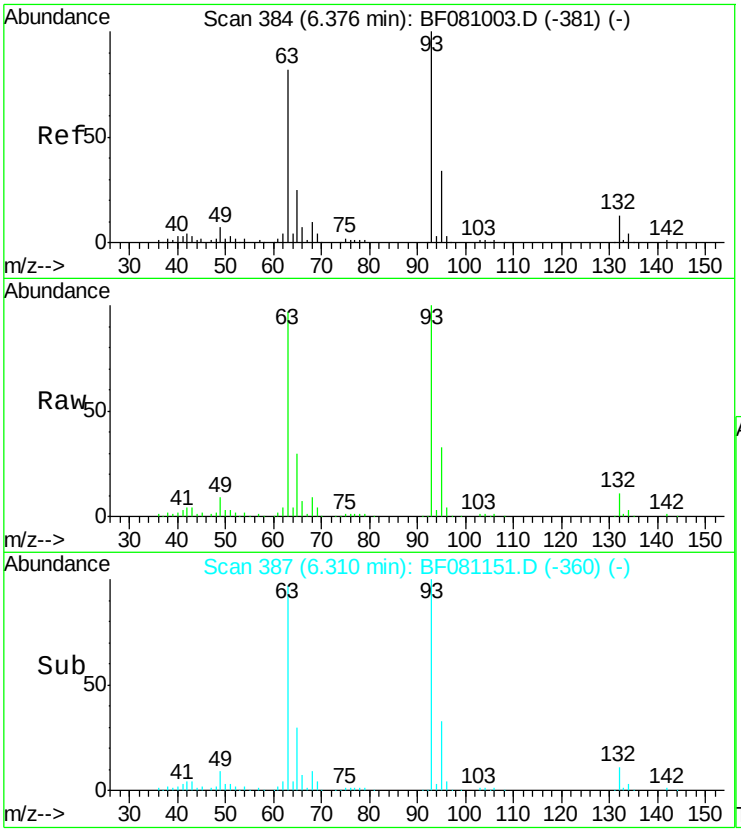


#10
Phenol
Concen: 45.54 ng
RT: 6.23 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 94 Resp: 280811

Ion	Ratio	Lower	Upper
94	100		
65	43.0	28.4	68.4
66	61.2	52.3	92.3



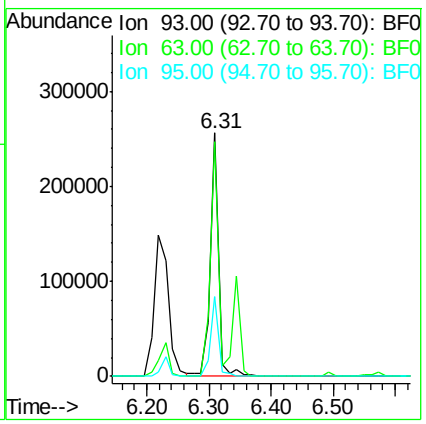


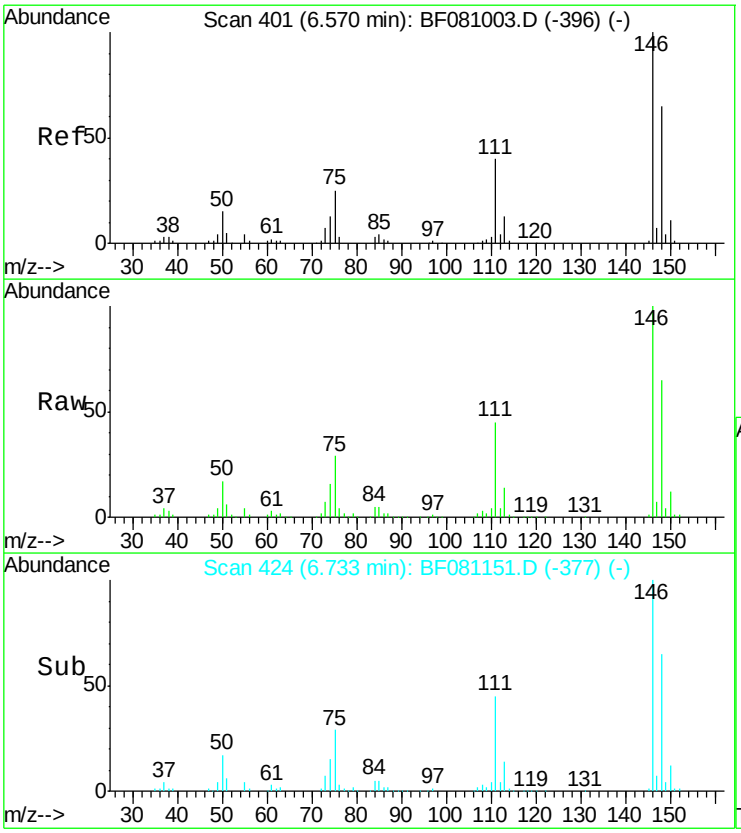
#11
bis(2-Chloroethyl)ether
Concen: 50.99 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 93 Resp: 241280

Ion	Ratio	Lower	Upper
93	100		
63	96.5	69.6	109.6
95	32.6	12.3	52.3

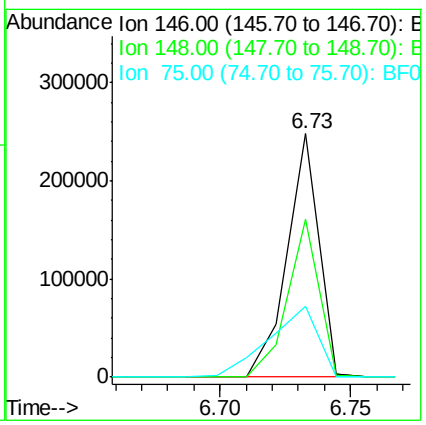


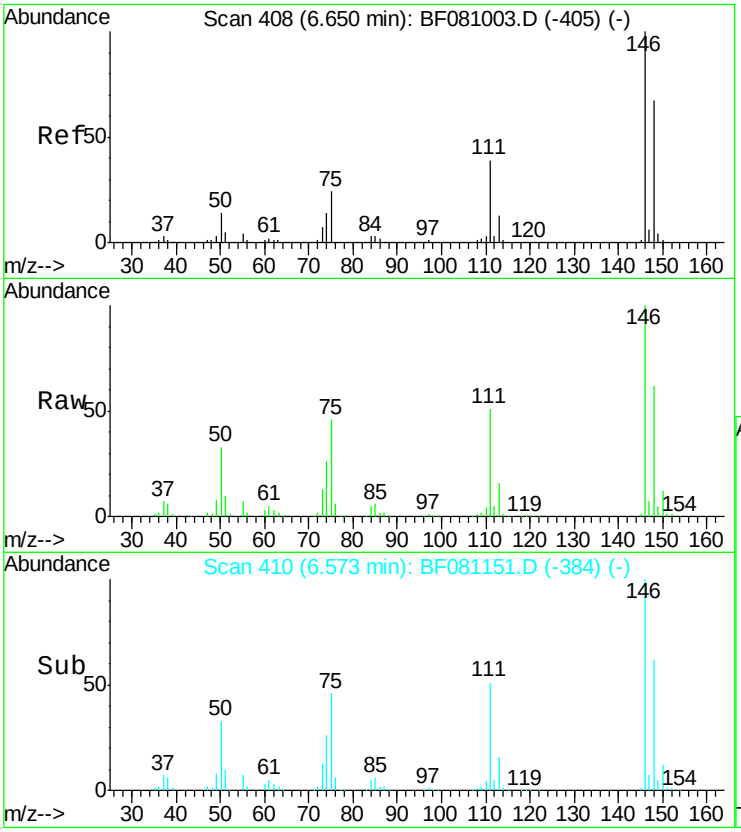


#12
1,3-Dichlorobenzene
Concen: 44.55 ng
RT: 6.73 min Scan# 424
Delta R.T. 0.24 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:146 Resp: 209697

Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.3	79.9
75	29.0	25.0	37.6



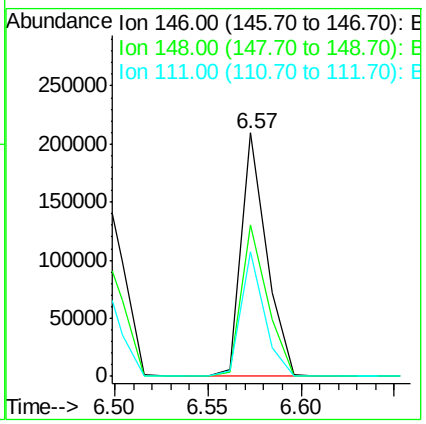


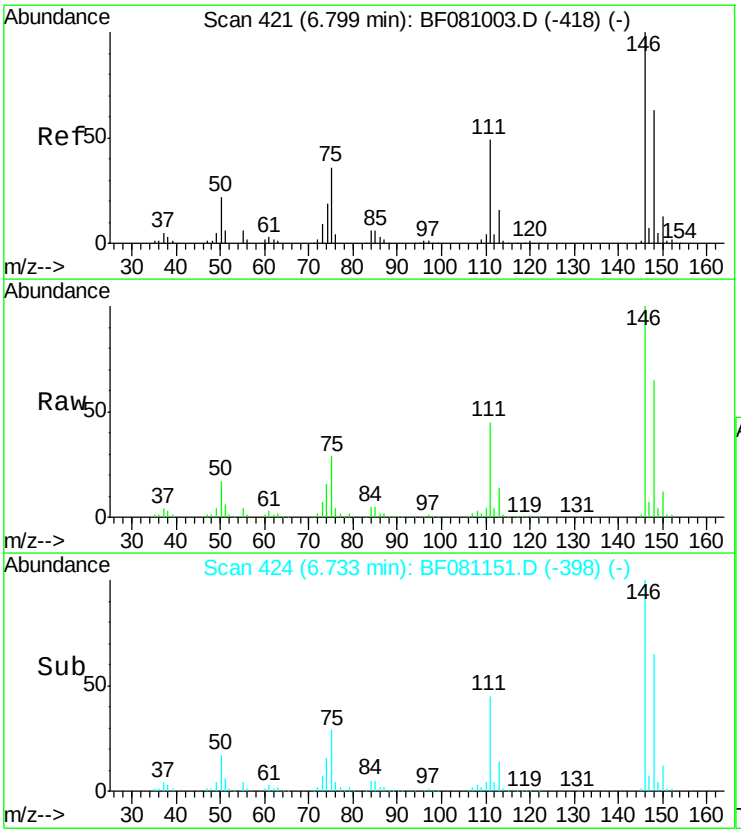
#13
1,4-Dichlorobenzene
Concen: 42.38 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:146 Resp: 197486

Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.3	78.5
111	51.0	34.4	51.6

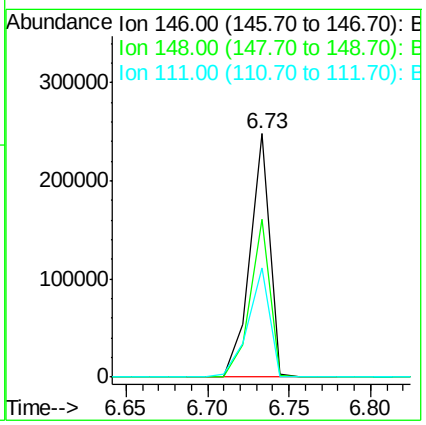


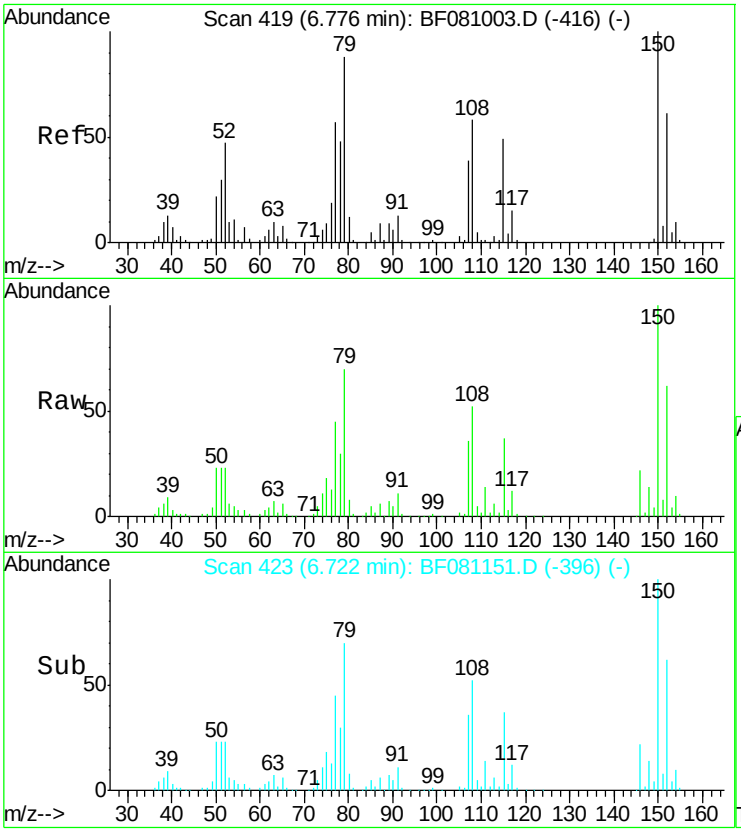


#14
1,2-Dichlorobenzene
Concen: 48.13 ng
RT: 6.73 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:146 Resp: 209925

Ion	Ratio	Lower	Upper
146	100		
148	65.0	48.7	73.1
111	44.9	42.3	63.5



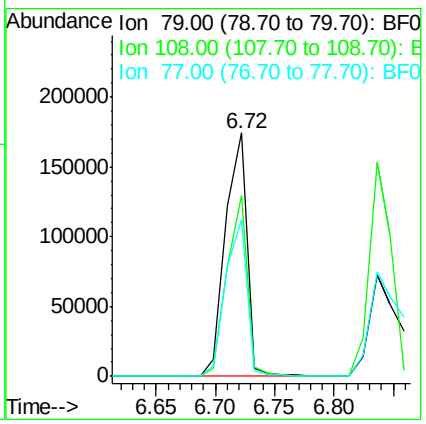


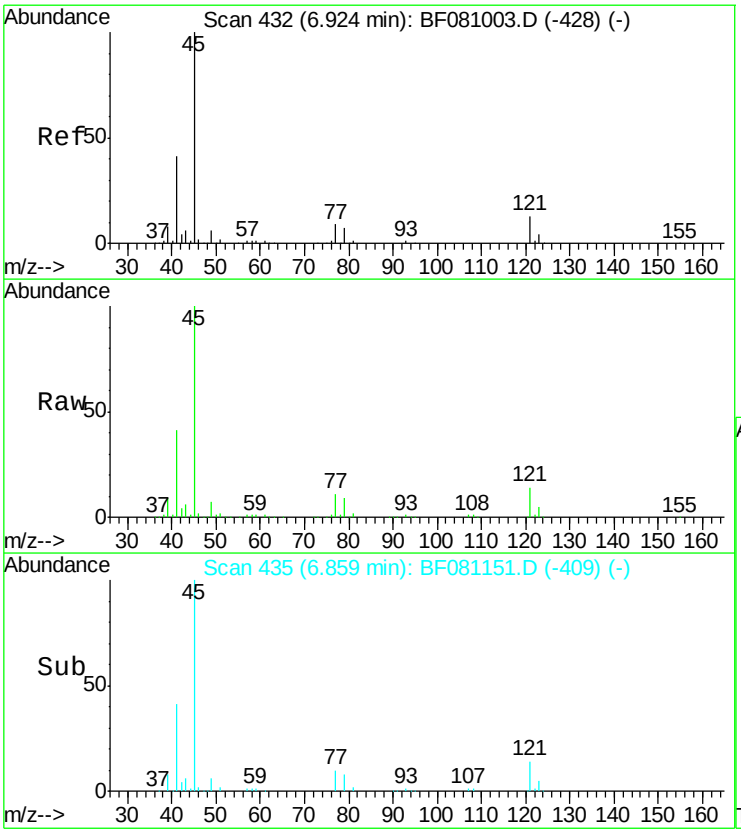
#15
Benzyl Alcohol
Concen: 52.20 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 79 Resp: 220518

Ion	Ratio	Lower	Upper
79	100		
108	74.5	49.4	74.2#
77	64.1	51.4	77.0

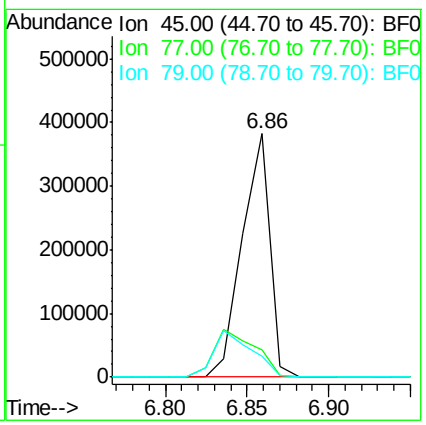


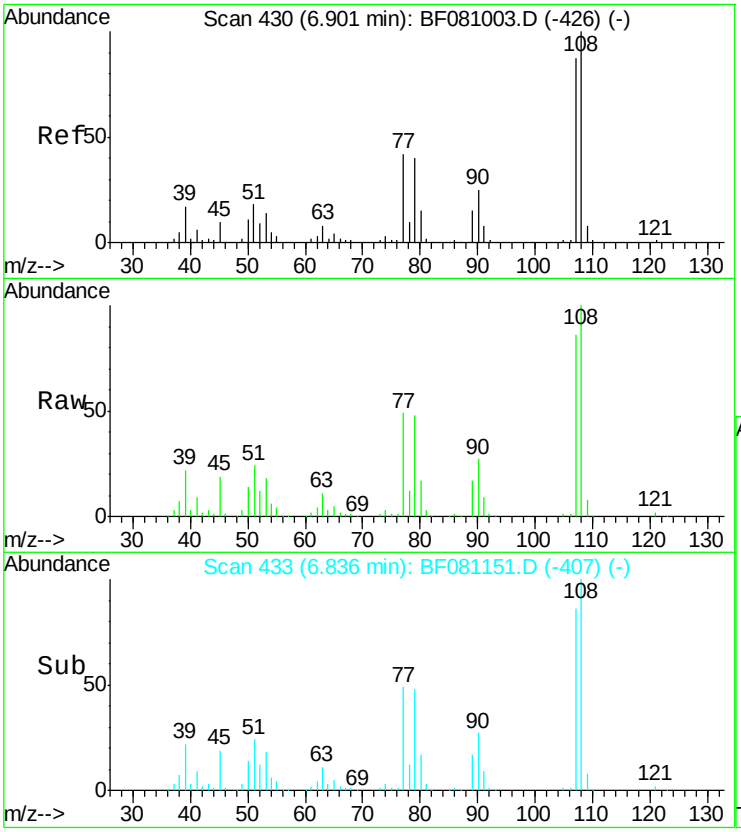


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.27 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 45 Resp: 448763

Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.2
79	8.6	0.0	28.0



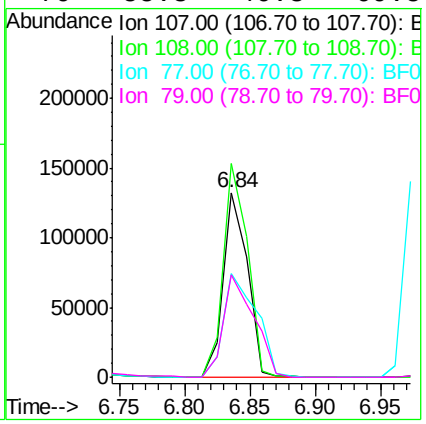


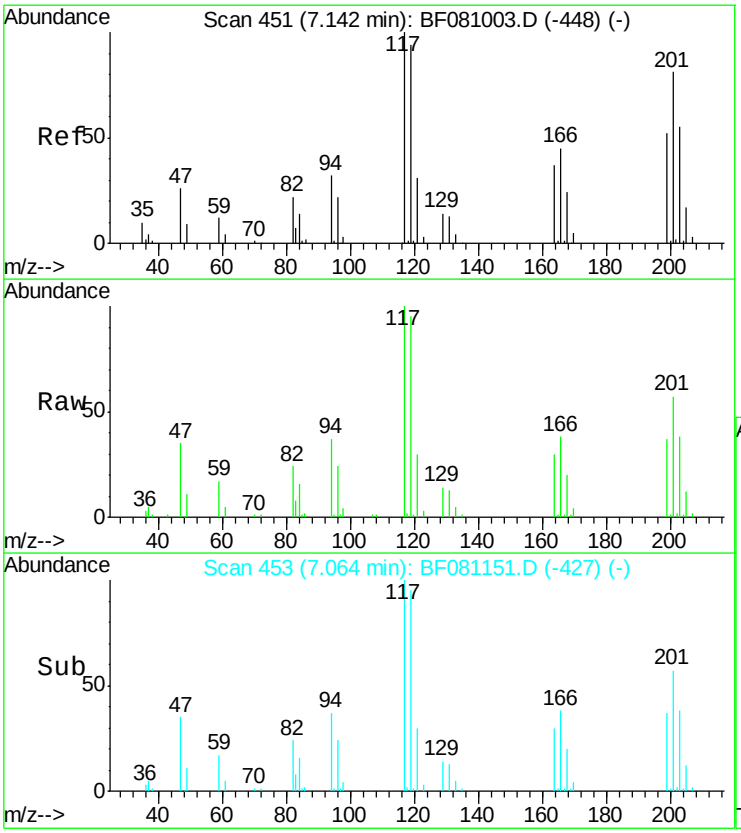
#17
2-Methylphenol
Concen: 45.51 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:107 Resp: 171043

Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.4	135.6
77	56.4	46.5	69.7
79	55.3	46.3	69.5

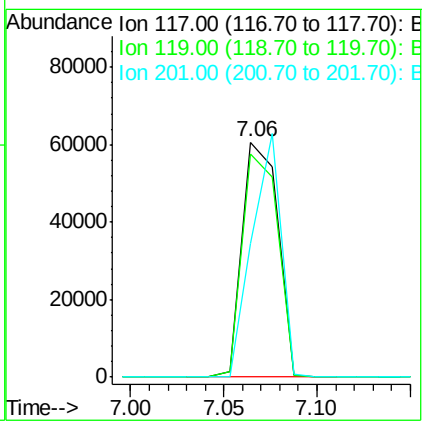


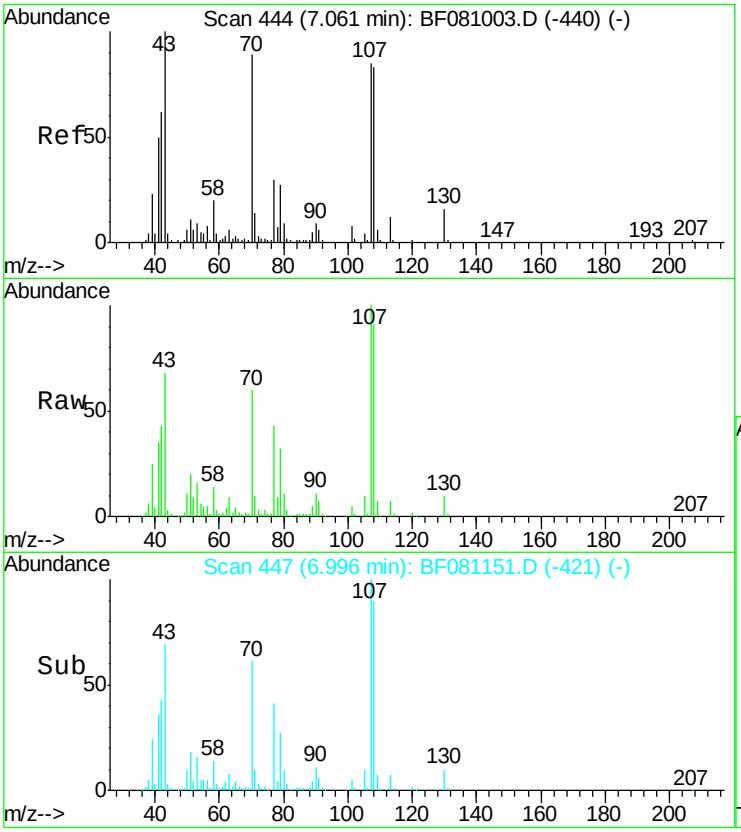


#18
Hexachloroethane
Concen: 42.50 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:117 Resp: 80038

Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.9	116.9
201	56.7	61.3	91.9#



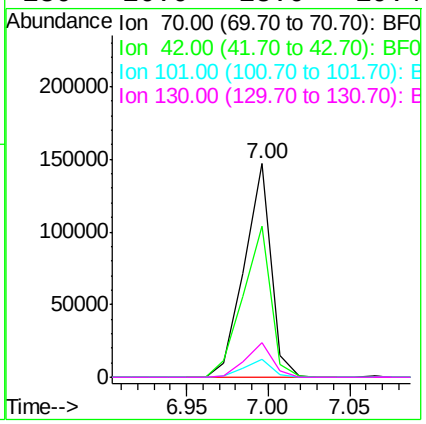


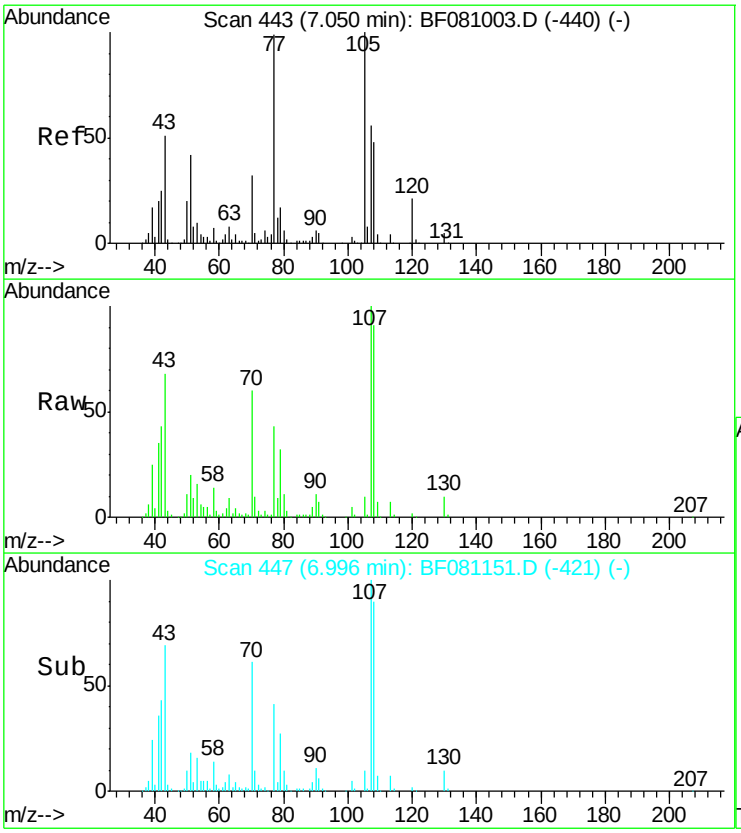
#19
n-Nitroso-di-n-propylamine
Concen: 46.11 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 70 Resp: 166755

Ion	Ratio	Lower	Upper
70	100		
42	70.8	65.0	97.4
101	8.3	7.4	11.2
130	16.0	13.0	19.4

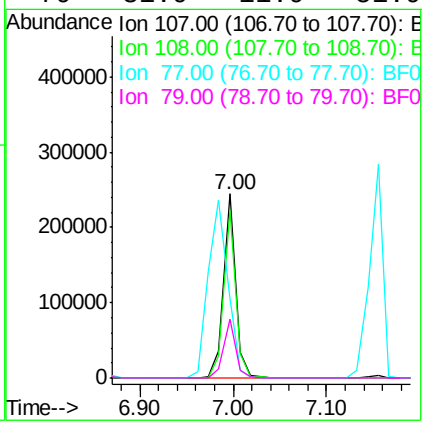


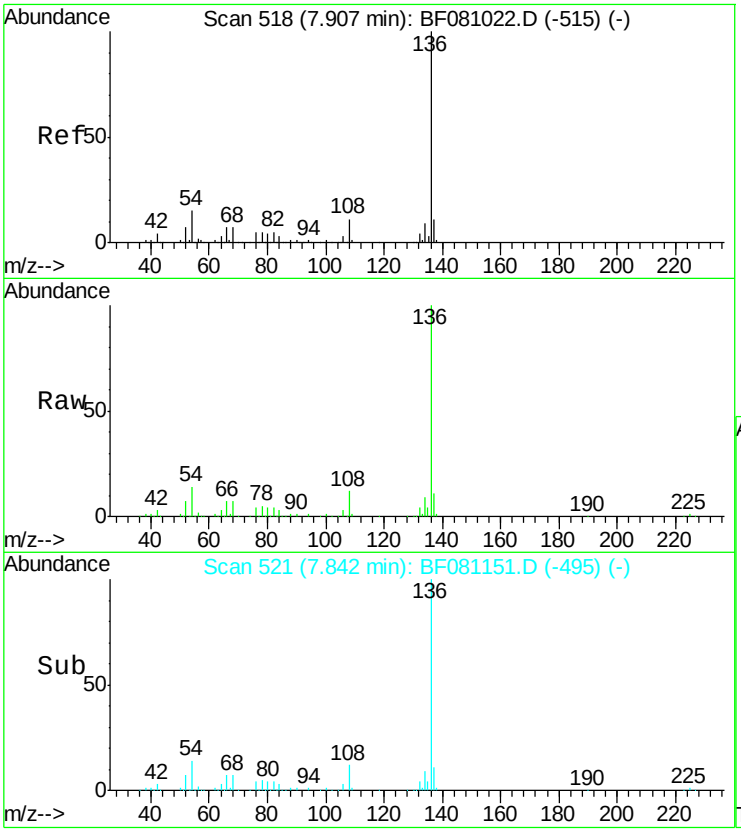


#20
3+4-Methylphenols
Concen: 46.06 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:107 Resp: 219704

Ion	Ratio	Lower	Upper
107	100		
108	91.1	66.1	106.1
77	43.2	139.3	179.3#
79	31.9	11.9	51.9



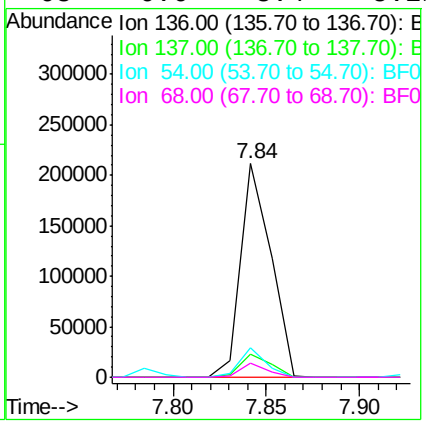


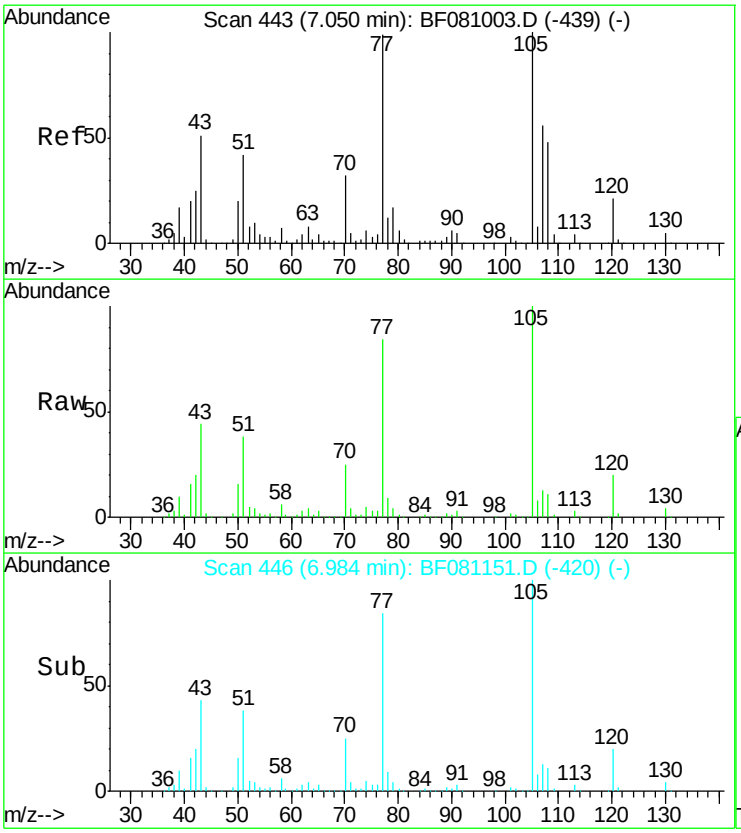
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:136 Resp: 237884

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	13.8	7.7	11.5#
68	6.6	3.4	5.2#

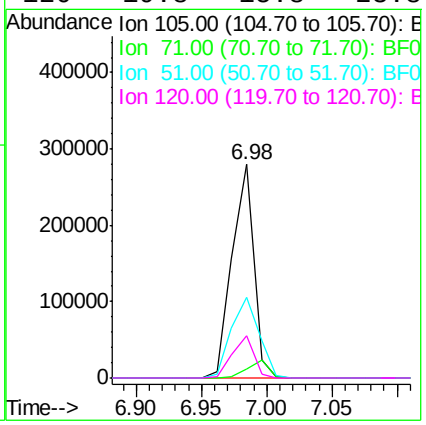


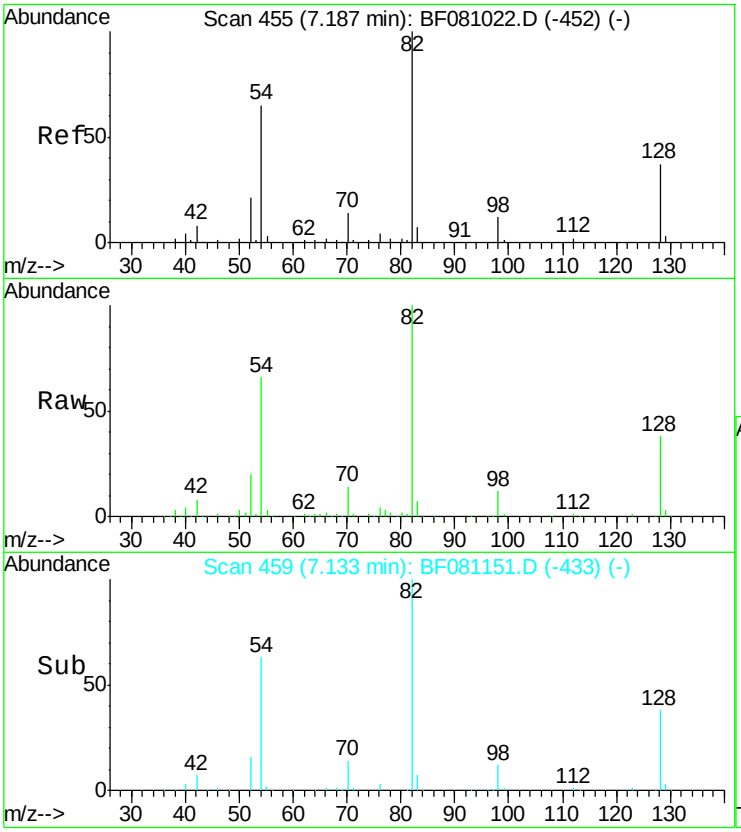


#22
Acetophenone
Concen: 51.64 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:105 Resp: 322519

Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.0	4.6
51	37.7	39.8	59.8#
120	19.8	15.8	23.8



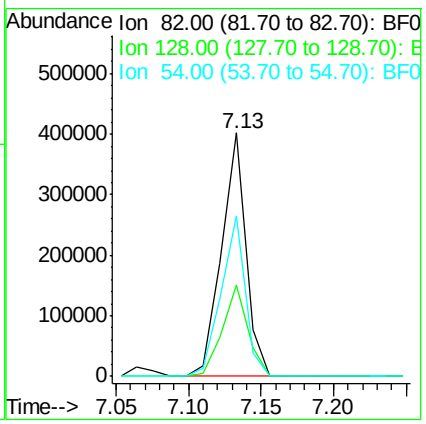


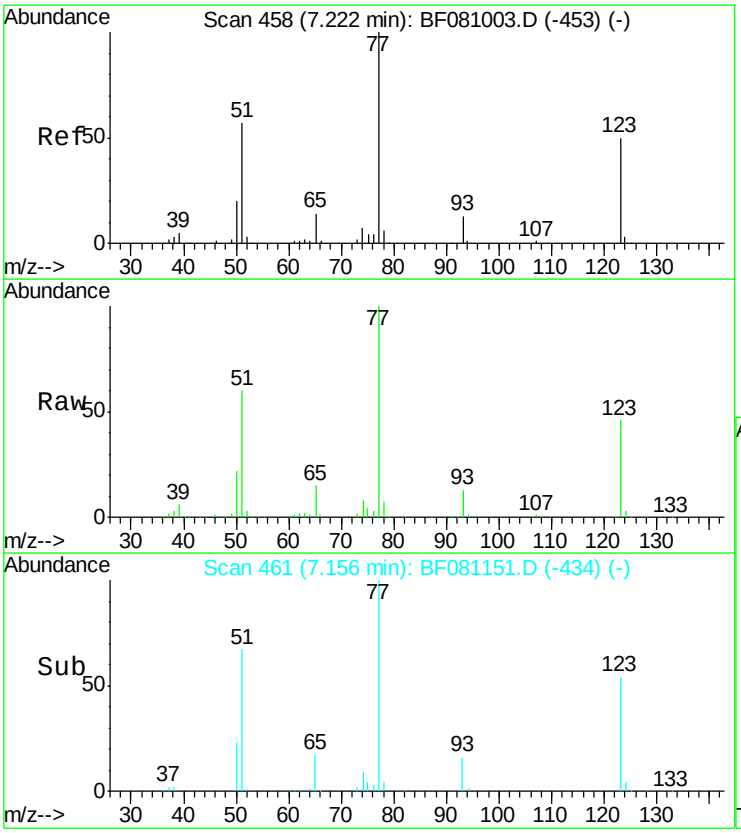
#23
Nitrobenzene-d5
Concen: 90.24 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 82 Resp: 469906

Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.6	42.8
54	65.7	55.1	82.7

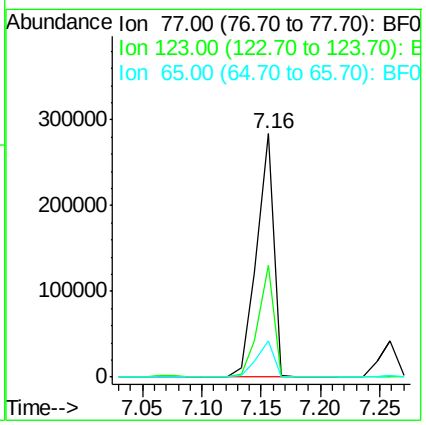


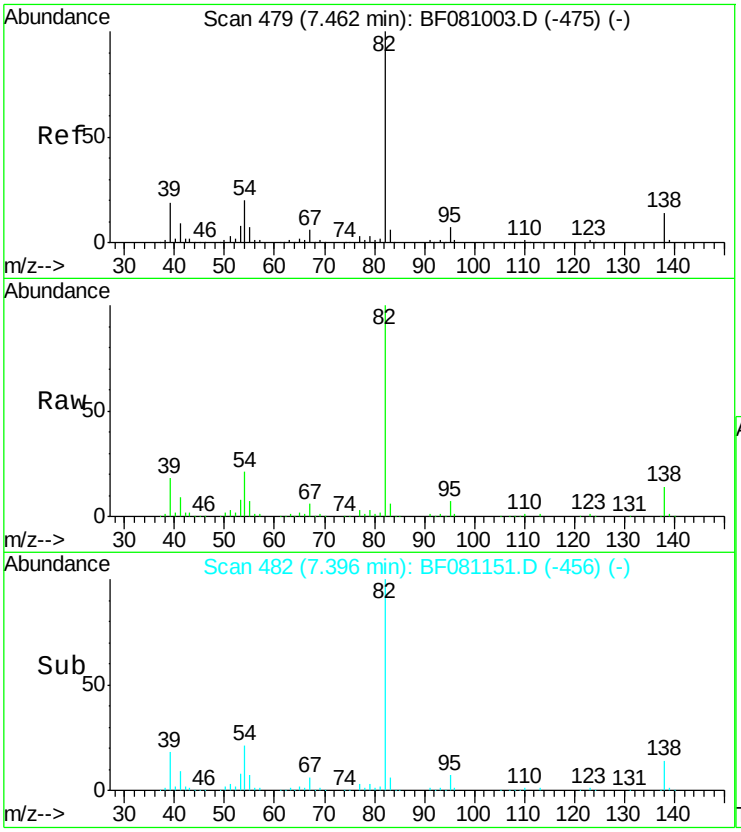


#24
Nitrobenzene
Concen: 52.99 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 77 Resp: 288512

Ion	Ratio	Lower	Upper
77	100		
123	45.8	32.9	49.3
65	14.7	12.5	18.7



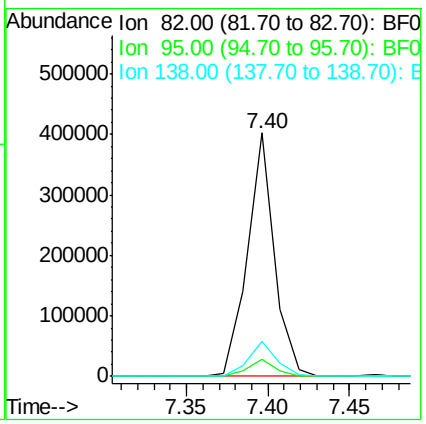


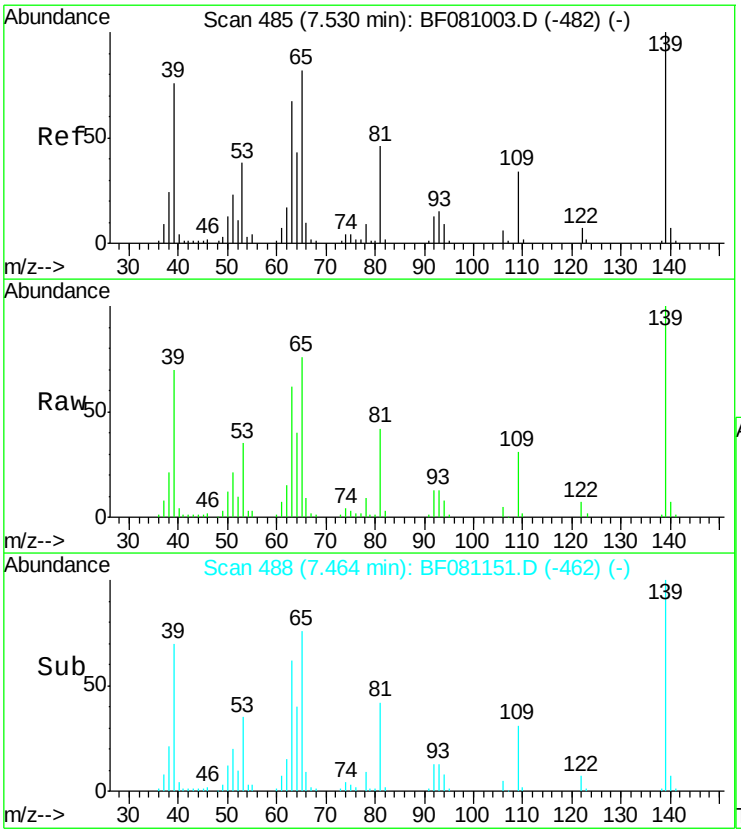
#25
Isophorone
Concen: 47.29 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 82 Resp: 459211

Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.2	9.2
138	14.2	10.5	15.7

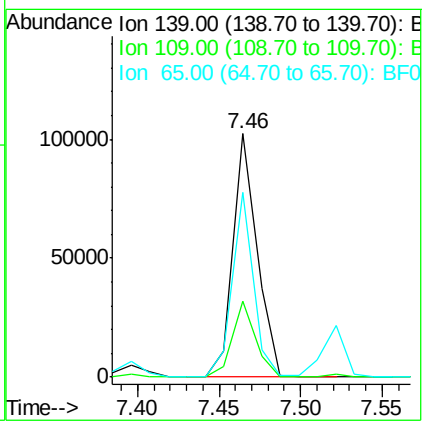


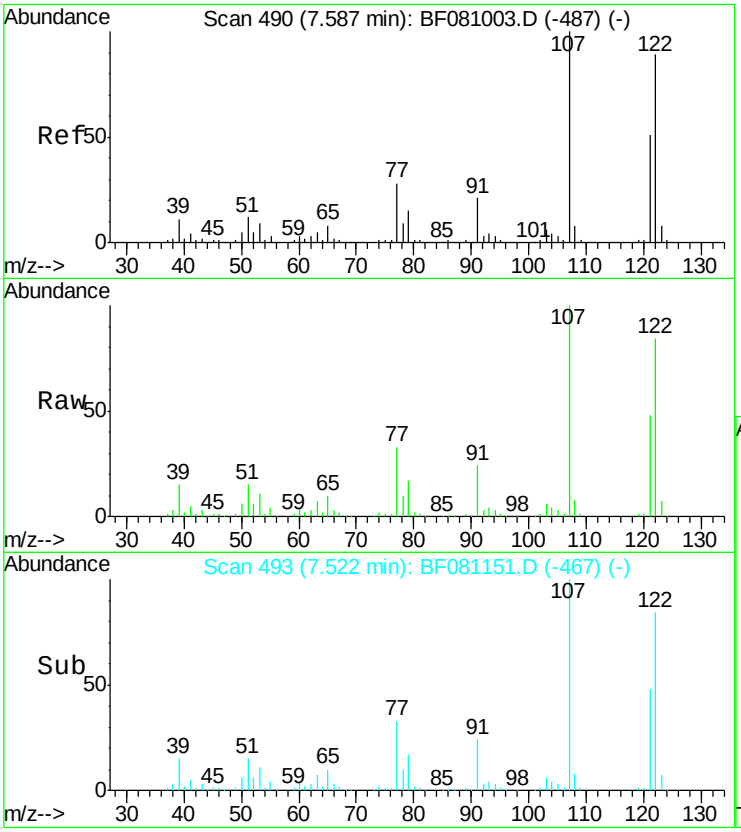


#26
2-Nitrophenol
Concen: 45.88 ng
RT: 7.46 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:139 Resp: 103893

Ion	Ratio	Lower	Upper
139	100		
109	31.3	32.1	48.1#
65	76.0	69.9	104.9



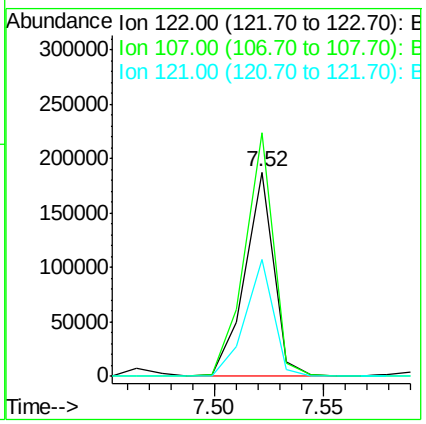


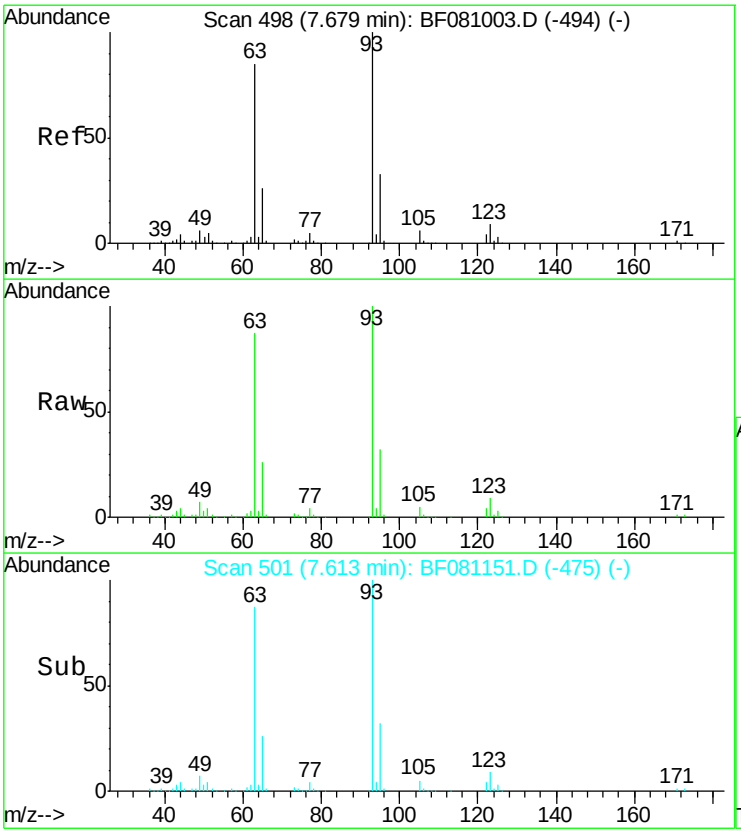
#27
2,4-Dimethylphenol
Concen: 43.33 ng
RT: 7.52 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:122 Resp: 173586

Ion	Ratio	Lower	Upper
122	100		
107	119.2	103.8	155.6
121	57.0	47.0	70.4

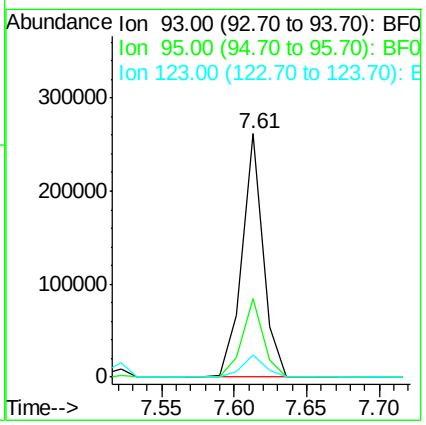


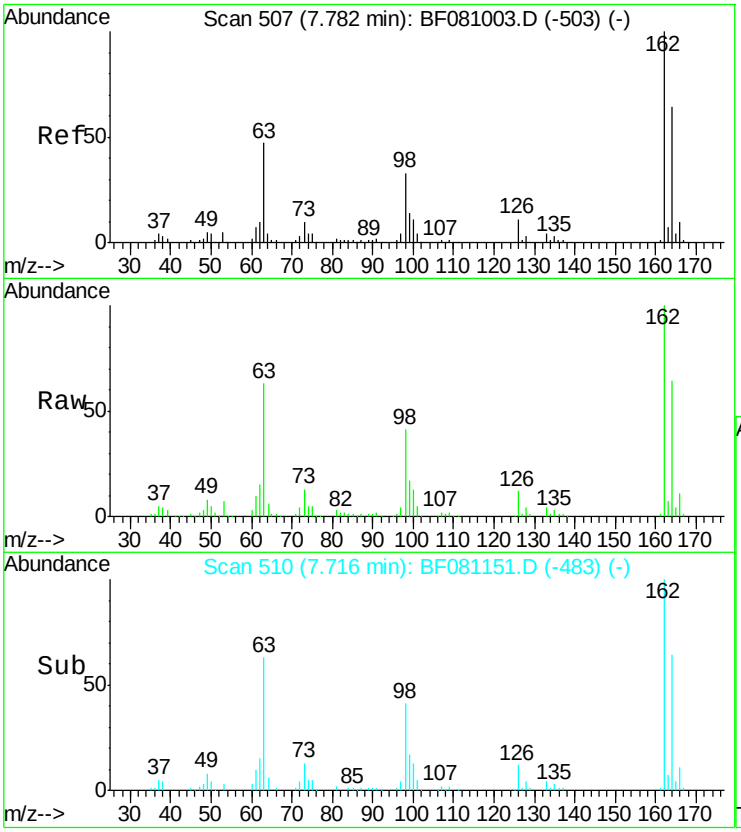


#28
bis(2-Chloroethoxy)methane
Concen: 45.97 ng
RT: 7.61 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 93 Resp: 263710

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.8
123	9.1	7.4	11.0



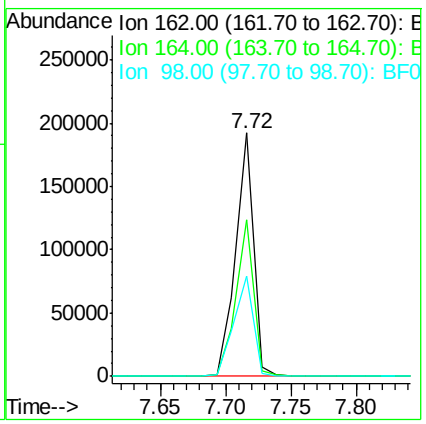


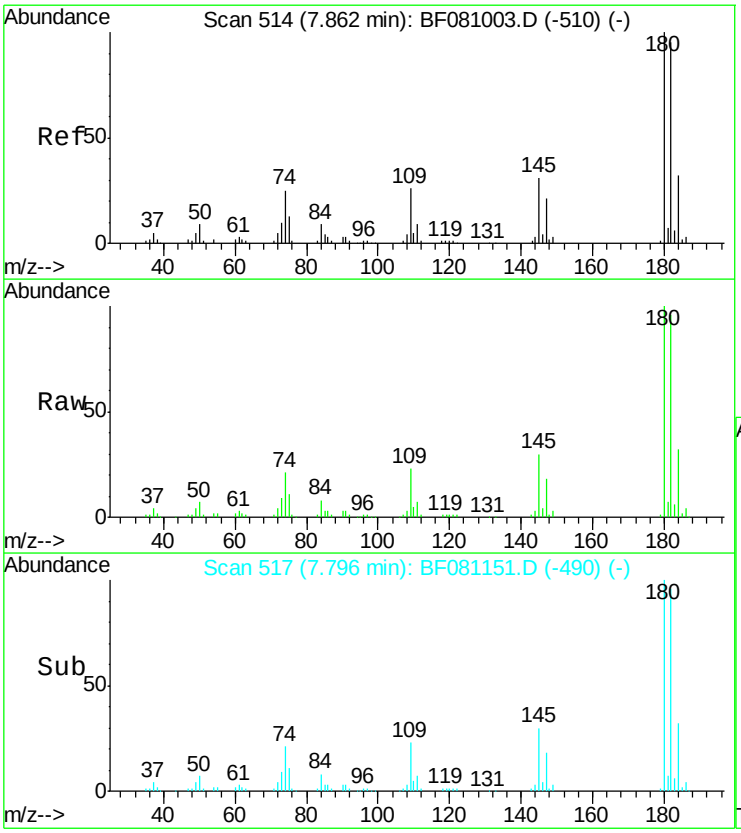
#29
2,4-Dichlorophenol
Concen: 53.88 ng
RT: 7.72 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:162 Resp: 181708

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.2	83.2
98	41.2	12.3	52.3

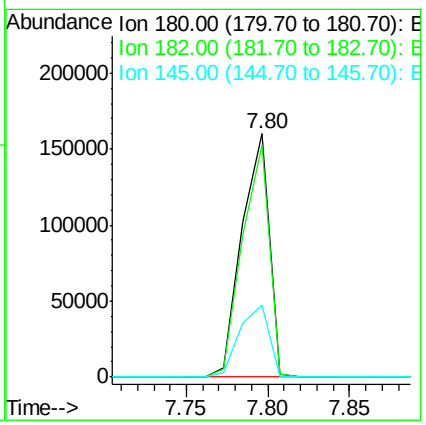


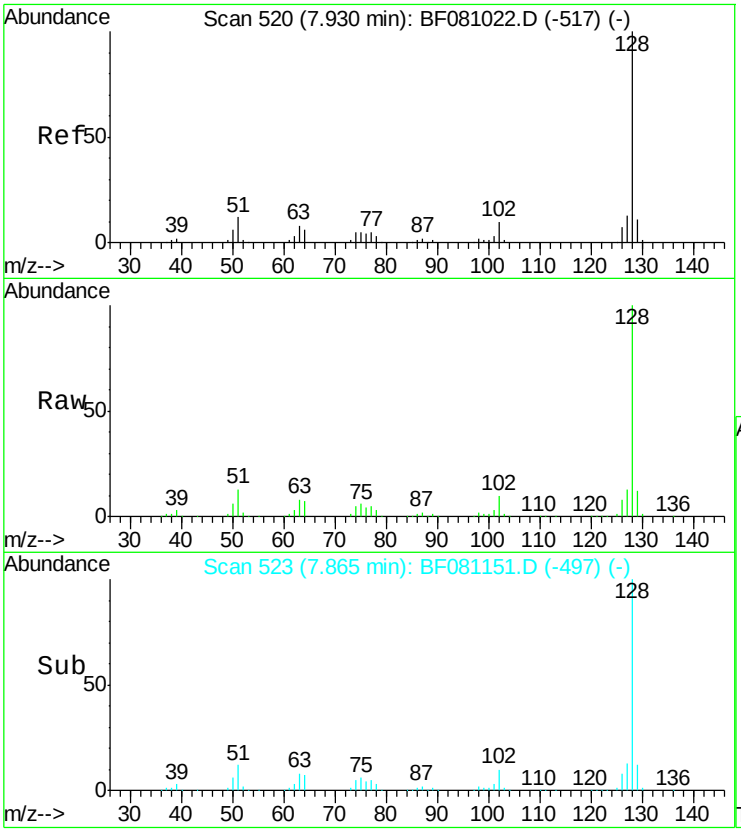


#30
1,2,4-Trichlorobenzene
Concen: 49.48 ng
RT: 7.80 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:180 Resp: 185479

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	29.7	25.4	38.2



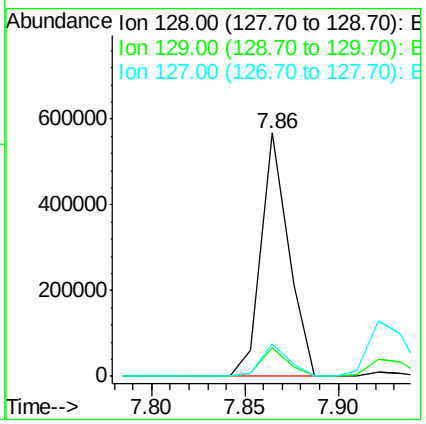


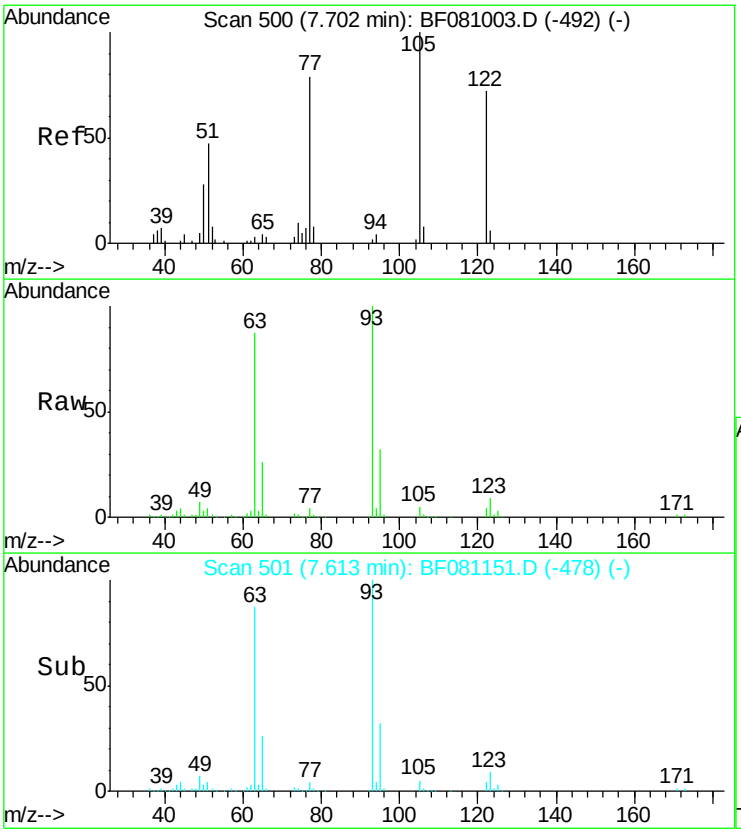
#31
Naphthalene
Concen: 43.65 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:128 Resp: 578840

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.4	12.6
127	13.4	10.6	16.0

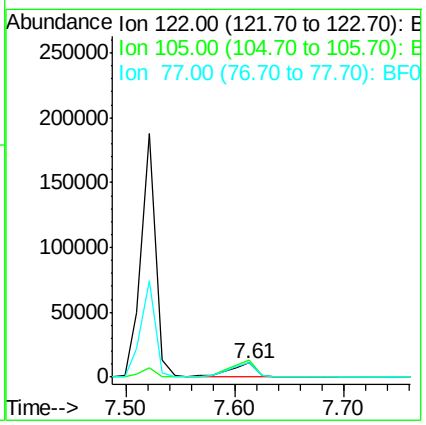


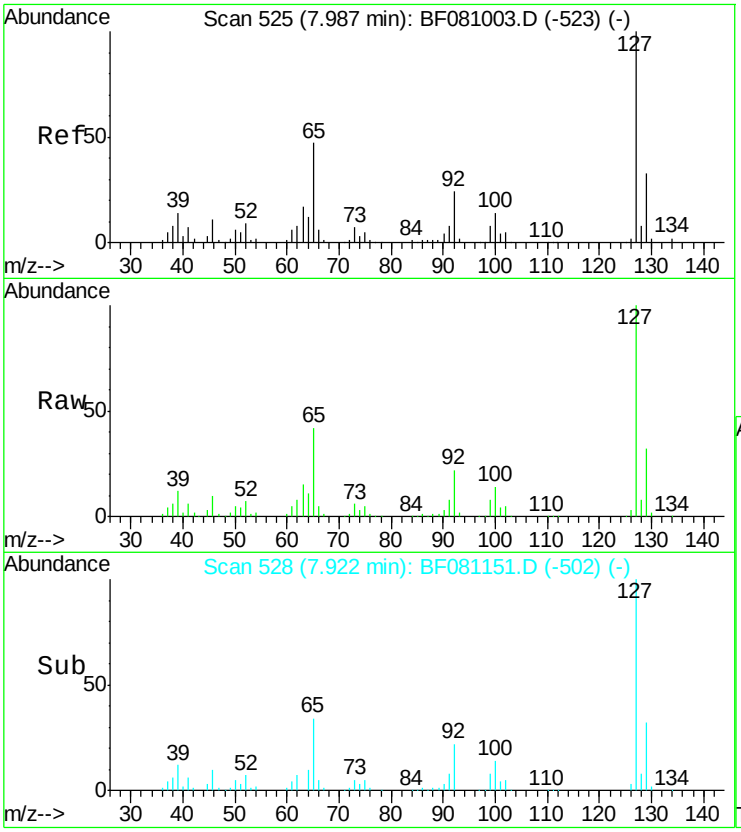


#32
Benzoic acid
Concen: 8.56 ng
RT: 7.61 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:122 Resp: 19283

Ion	Ratio	Lower	Upper
122	100		
105	123.5	113.8	153.8
77	103.6	93.8	133.8



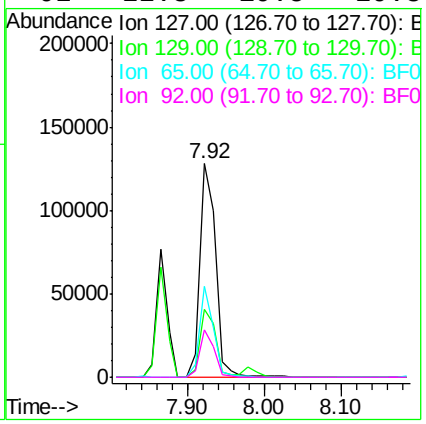


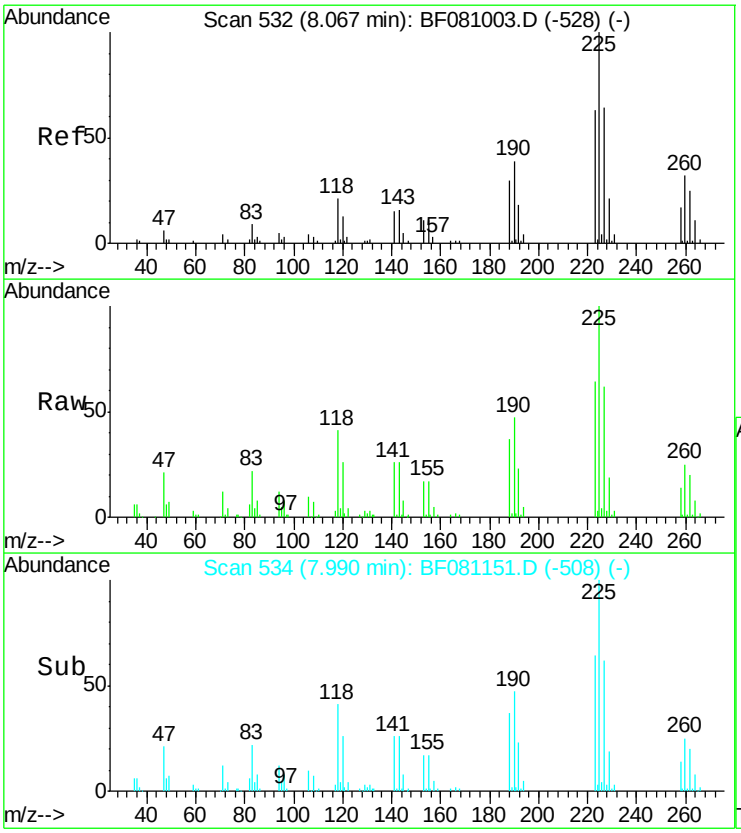
#33
4-Chloroaniline
Concen: 32.01 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:127 Resp: 179100

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.2	37.8
65	42.4	37.8	56.6
92	22.3	19.5	29.3

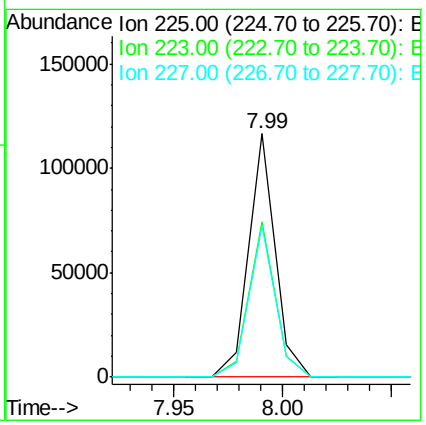


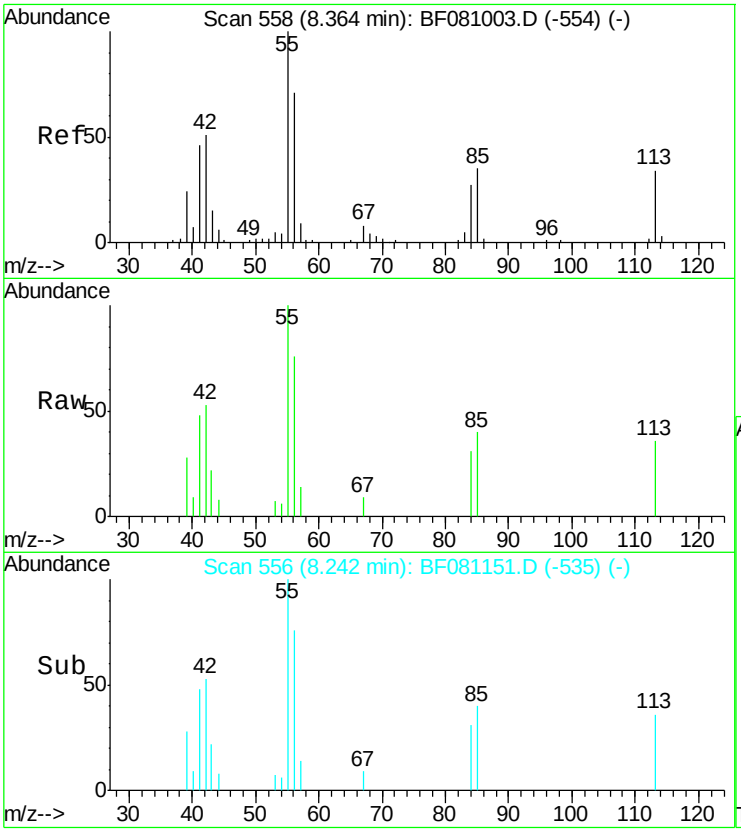


#34
Hexachlorobutadiene
Concen: 46.57 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:225 Resp: 98717

Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.6	79.0
227	62.1	51.1	76.7



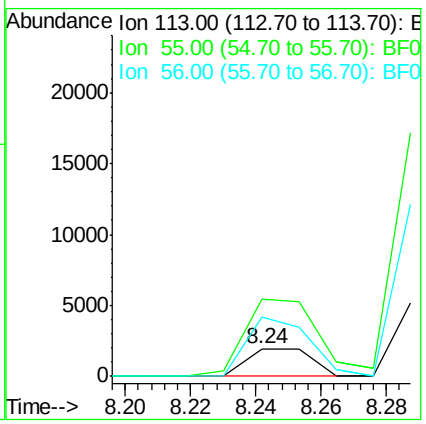


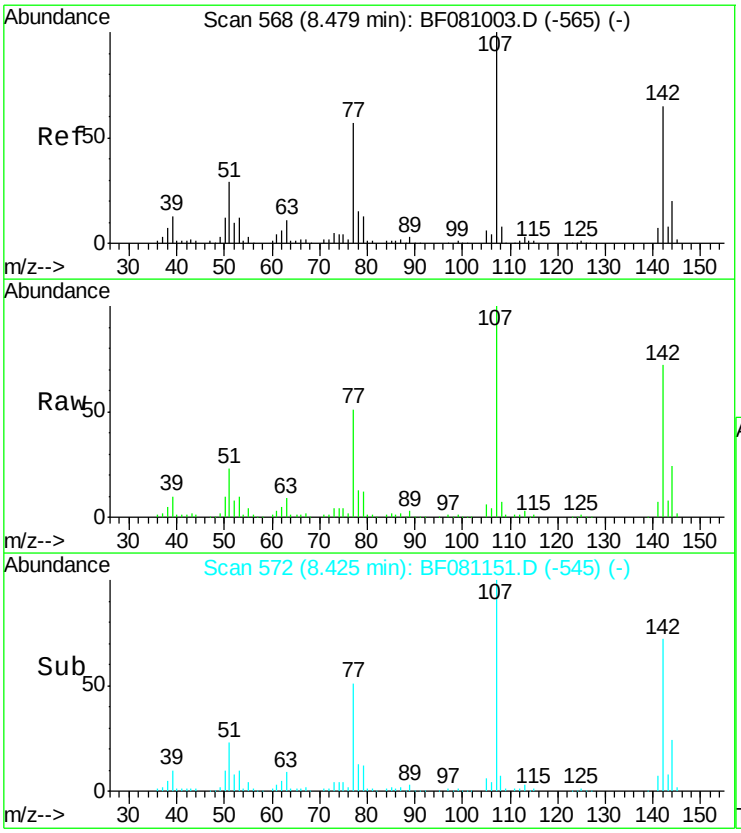
#35
Caprolactam
Concen: 2.25 ng
RT: 8.24 min Scan# 556
Delta R.T. -0.06 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:113 Resp: 2649

Ion	Ratio	Lower	Upper
113	100		
55	281.2	280.4	320.4
56	214.1	205.9	245.9

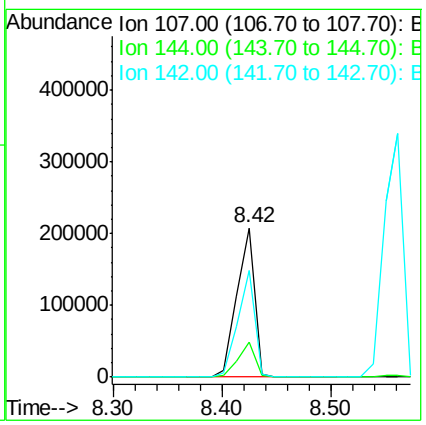


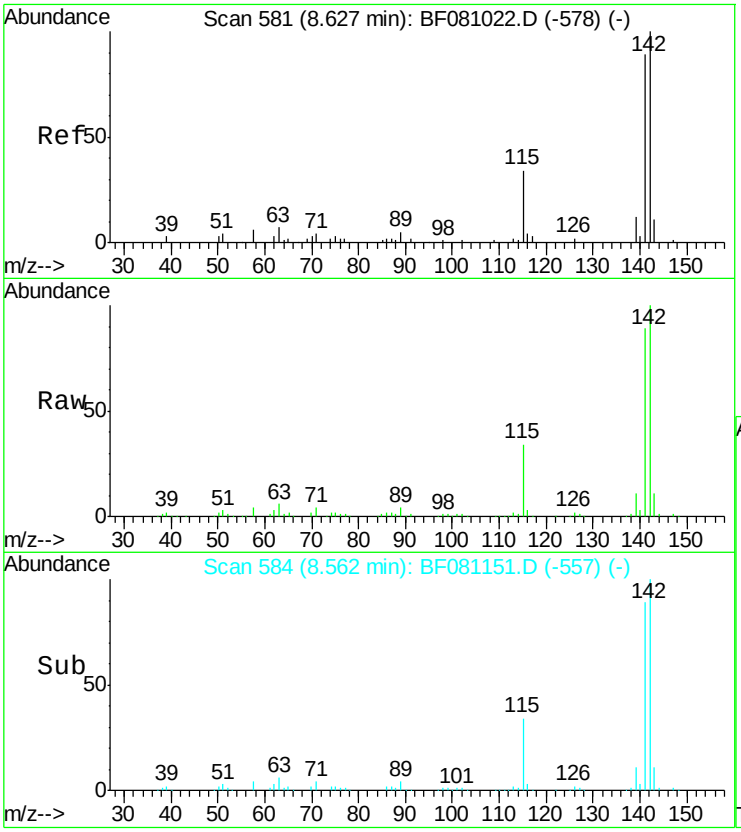


#36
4-Chloro-3-methylphenol
Concen: 57.66 ng
RT: 8.42 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:107 Resp: 231747

Ion	Ratio	Lower	Upper
107	100		
144	23.5	17.2	25.8
142	72.0	54.9	82.3



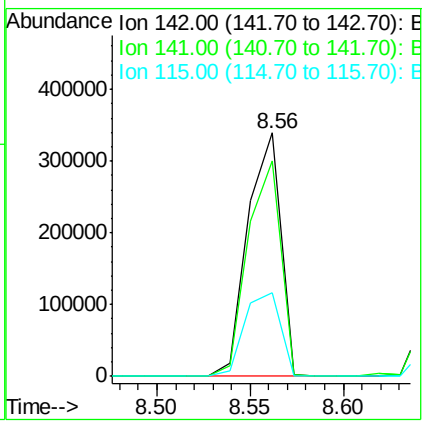


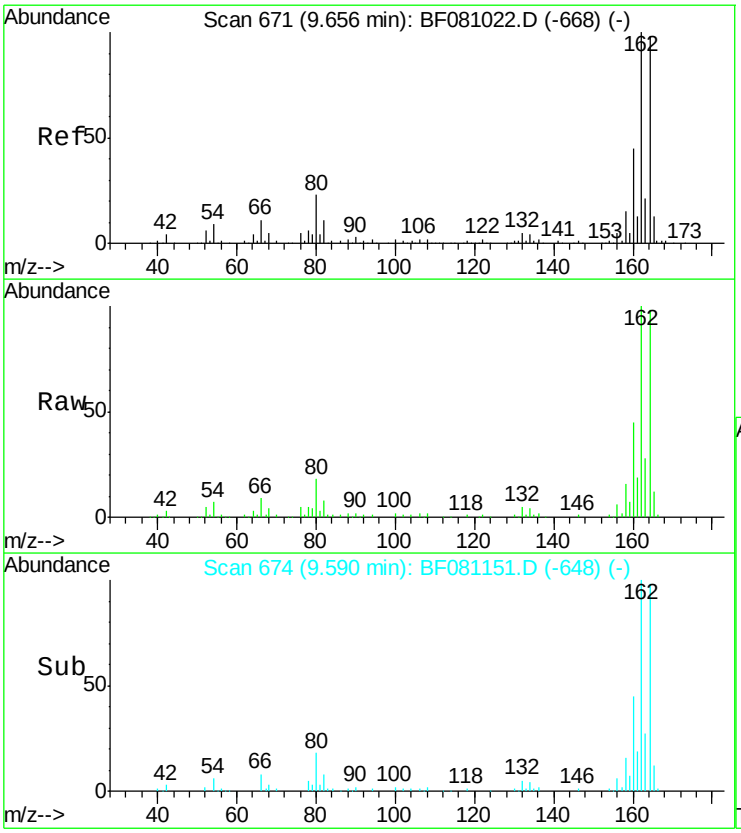
#37
2-Methylnaphthalene
Concen: 49.56 ng
RT: 8.56 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:142 Resp: 415110

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.3	33.4	50.0

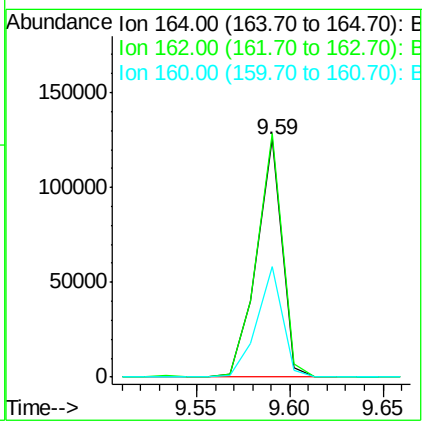


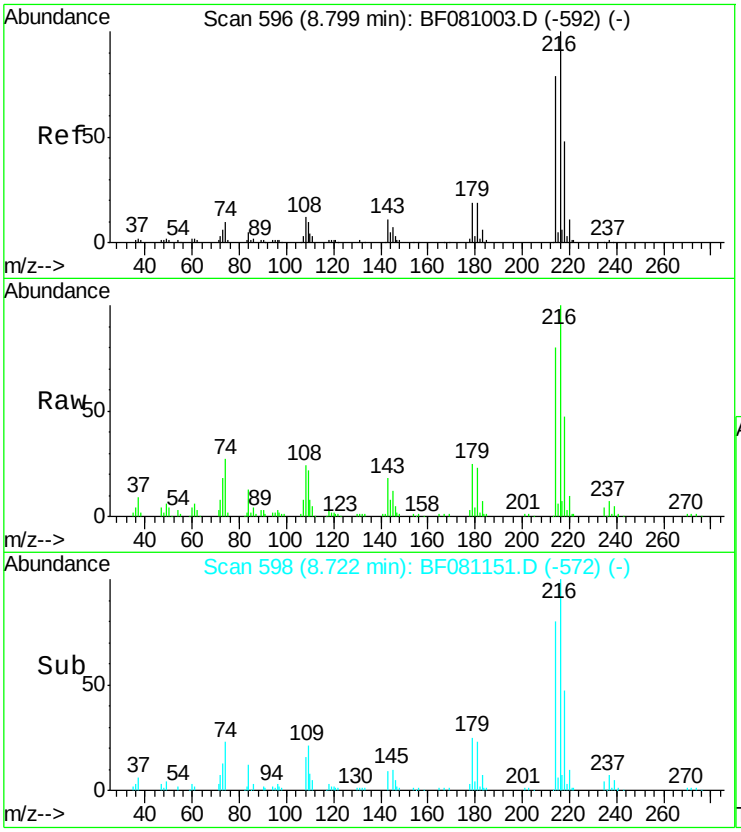


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:164 Resp: 118267

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.8	125.8
160	46.3	39.8	59.8



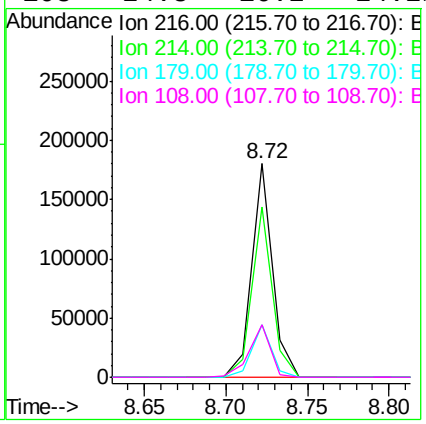


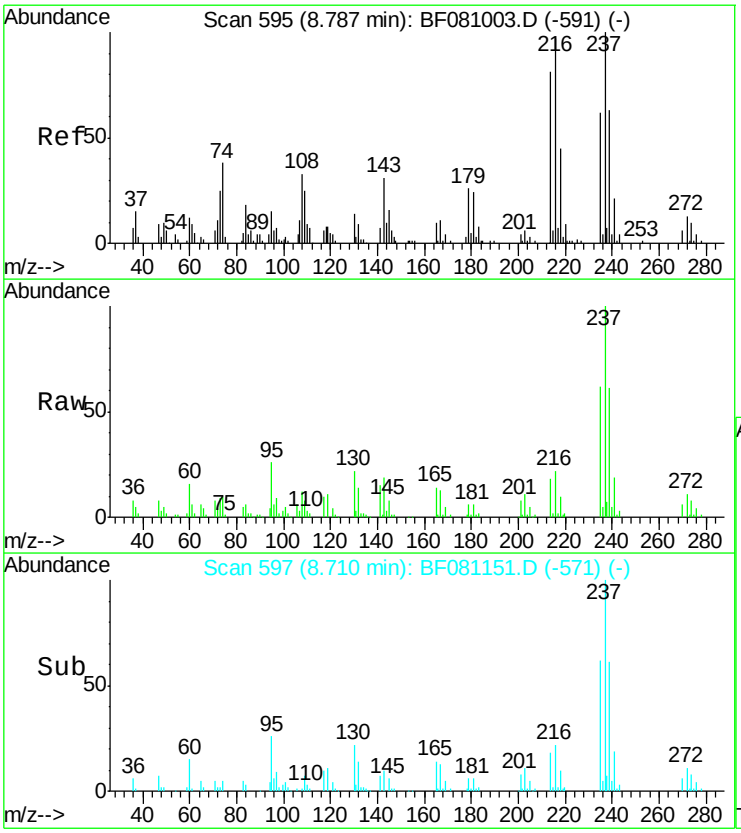
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.62 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:216 Resp: 158806

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.8
179	23.7	17.8	26.8
108	24.8	16.2	24.2#

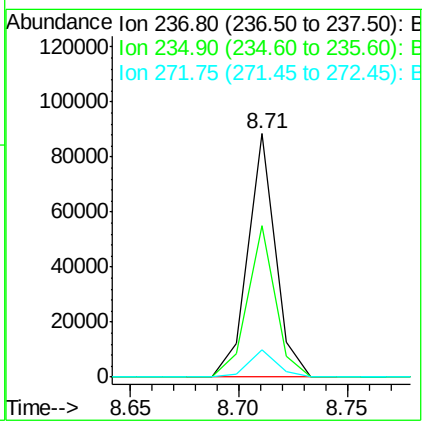


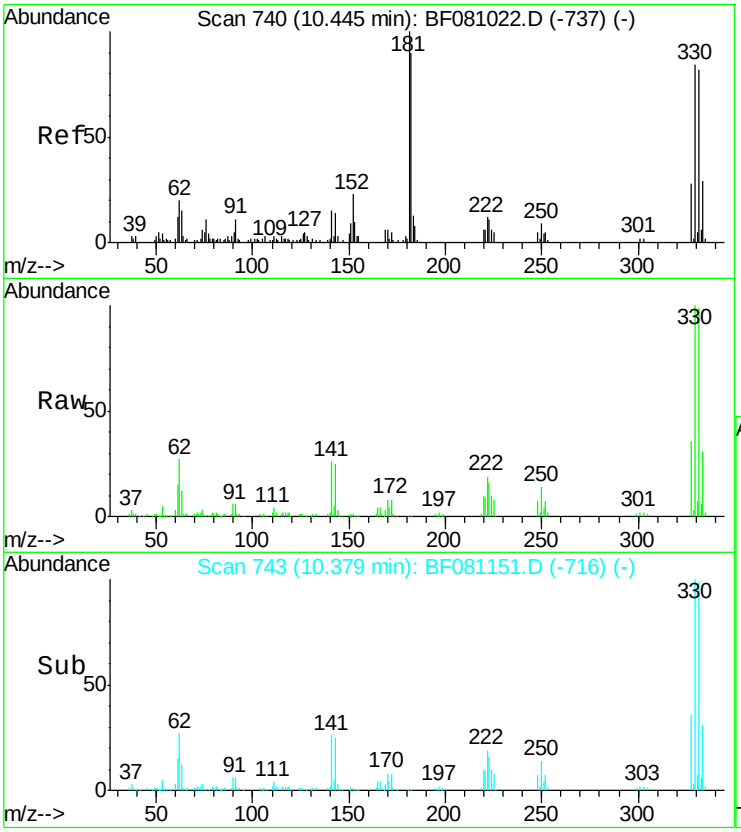


#40
Hexachlorocyclopentadiene
Concen: 39.26 ng
RT: 8.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:237 Resp: 77539

Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.6	83.6
272	11.0	0.0	32.2



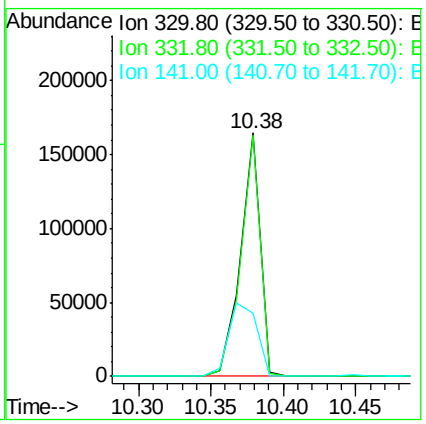


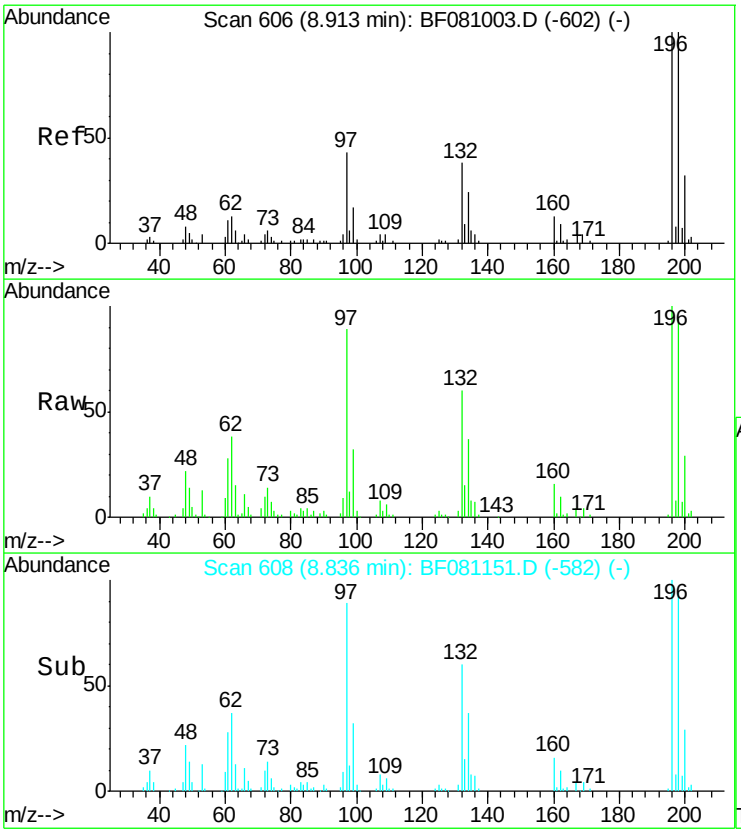
#41
2,4,6-Tribromophenol
Concen: 151.26 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:330 Resp: 155071

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	43.9	44.9	67.3#

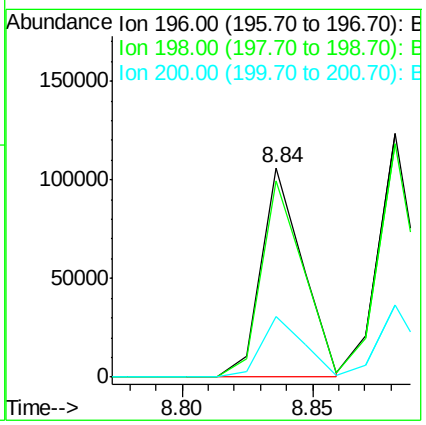


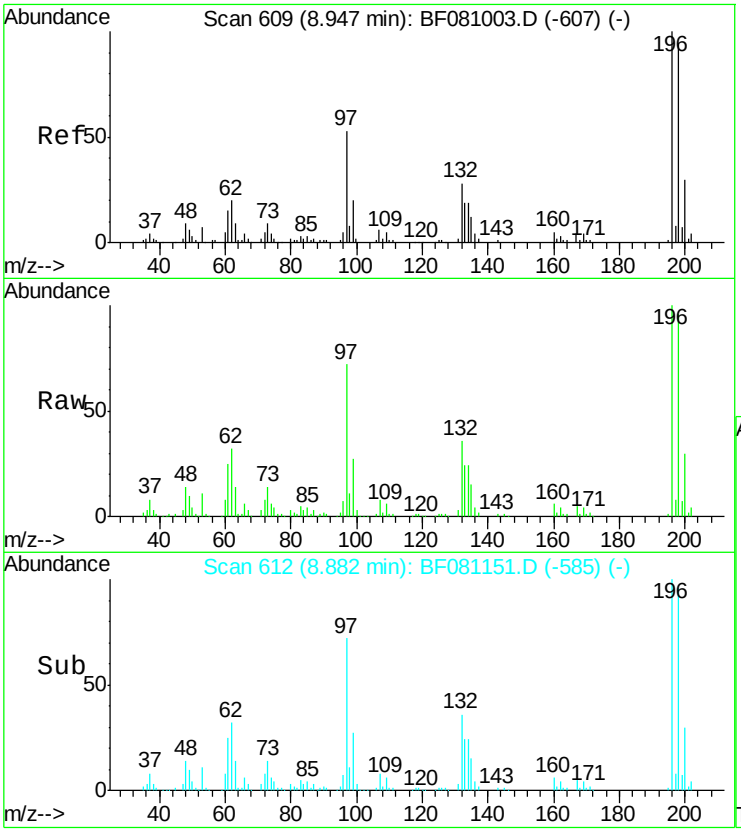


#42
2,4,6-Trichlorophenol
Concen: 43.51 ng
RT: 8.84 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:196 Resp: 117279

Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.6	111.8
200	28.7	22.7	34.1



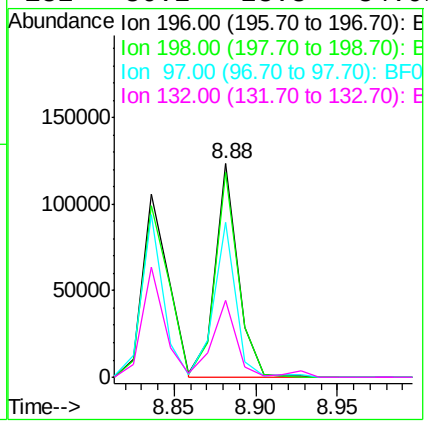


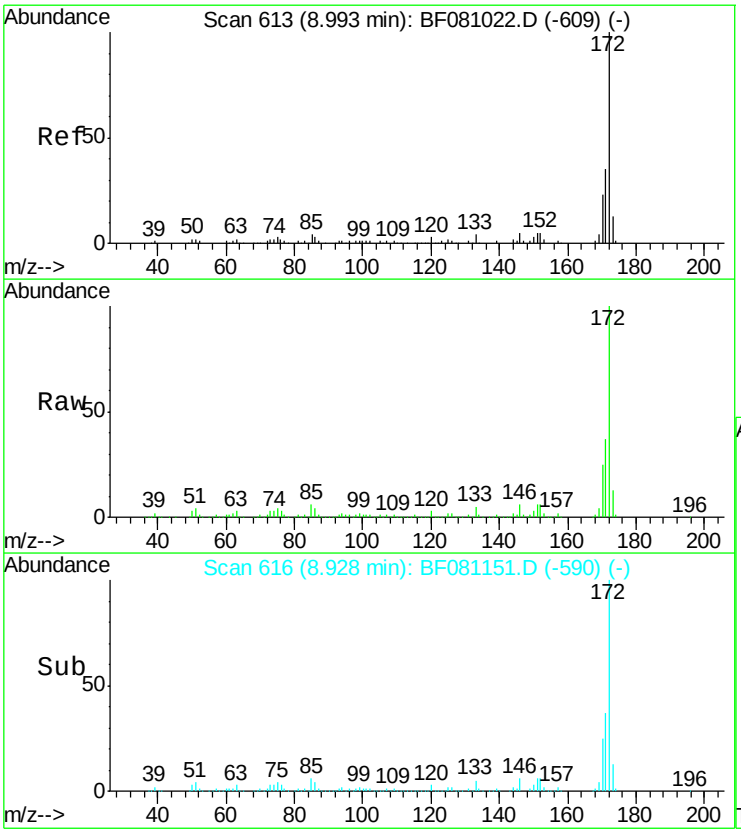
#43
2,4,5-Trichlorophenol
Concen: 44.77 ng
RT: 8.88 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:196 Resp: 120612

Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.3	117.5
97	72.4	42.7	64.1#
132	36.2	23.3	34.9#

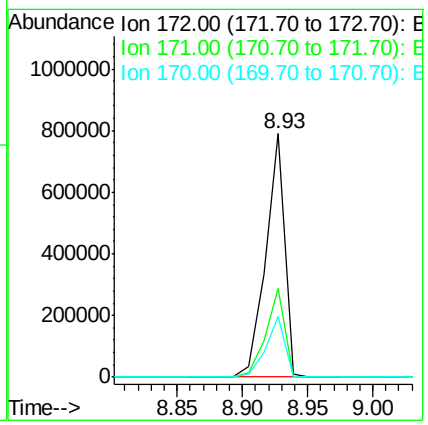


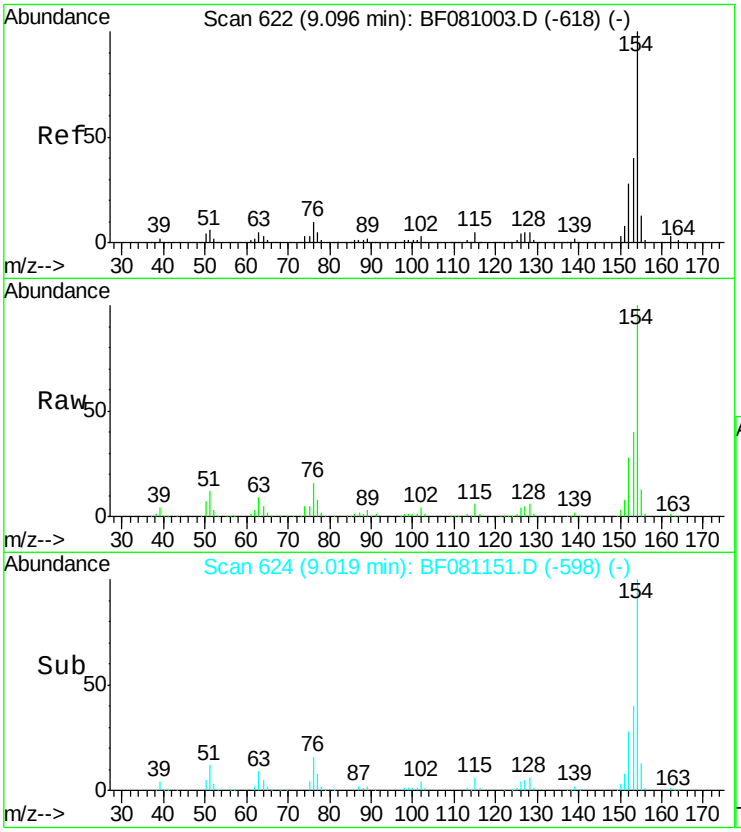


#44
2-Fluorobiphenyl
Concen: 88.65 ng
RT: 8.93 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:172 Resp: 800197

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.6	19.4	29.2



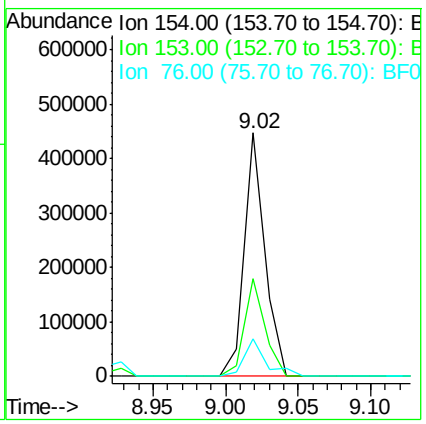


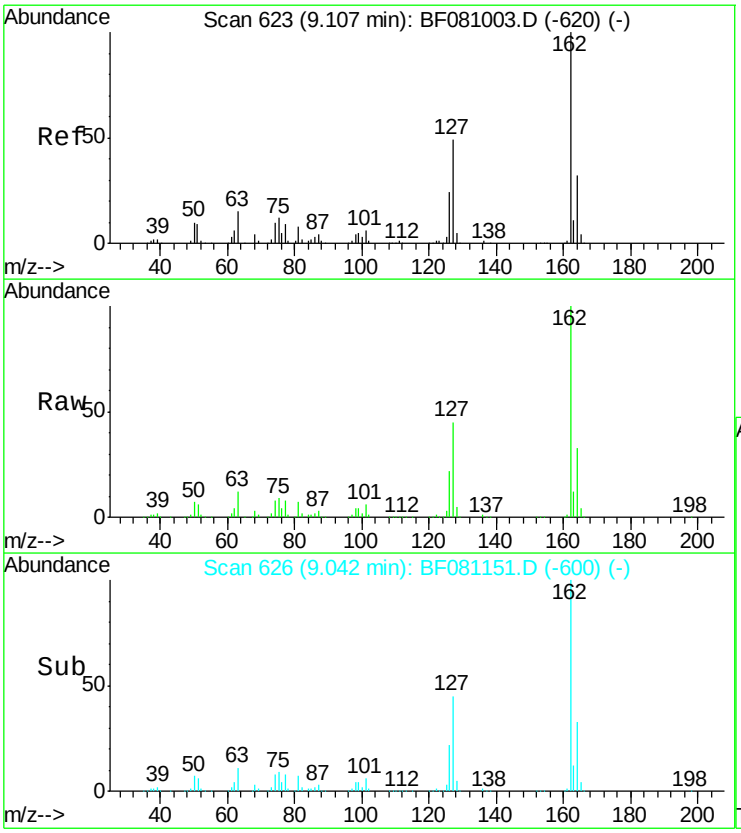
#45
1,1'-Biphenyl
Concen: 42.19 ng
RT: 9.02 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:154 Resp: 439526

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.5	59.5
76	15.6	0.0	29.3

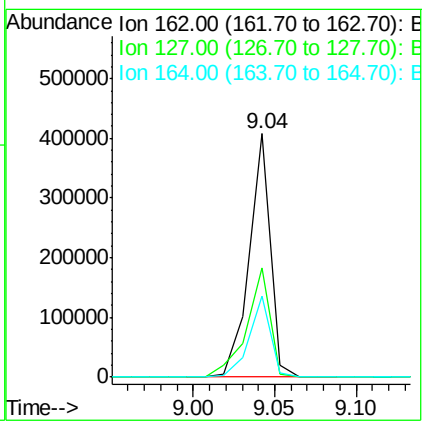


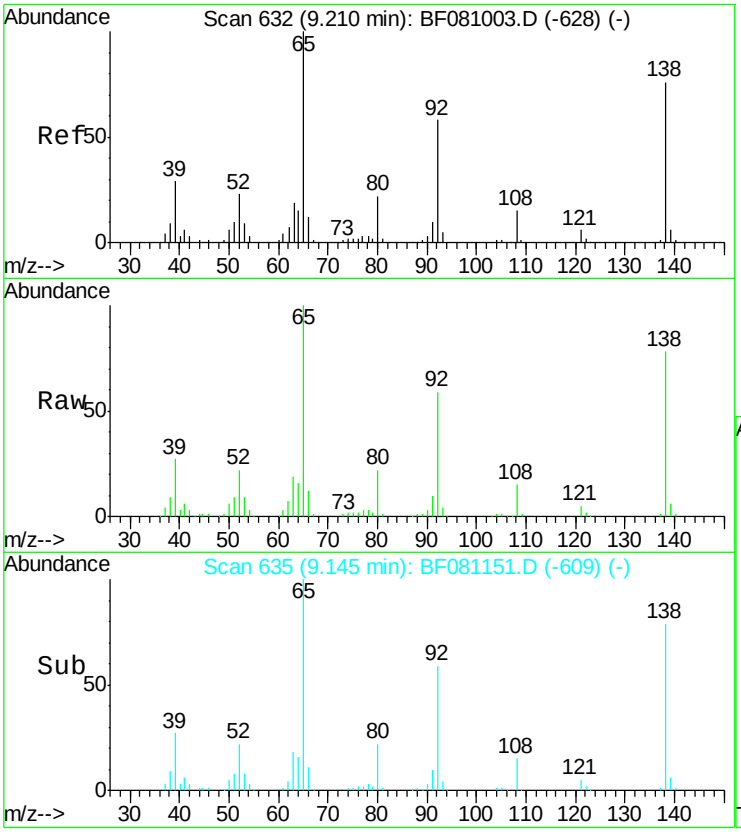


#46
2-Chloronaphthalene
Concen: 43.86 ng
RT: 9.04 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:162 Resp: 367094

Ion	Ratio	Lower	Upper
162	100		
127	45.0	31.3	46.9
164	33.1	26.3	39.5



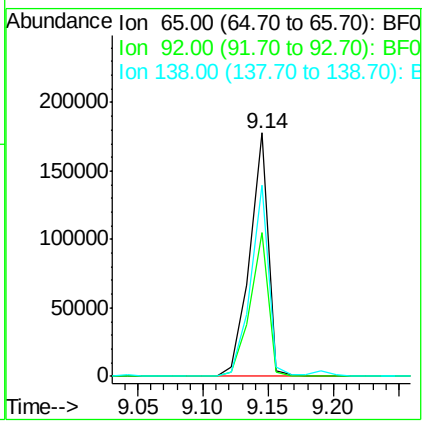


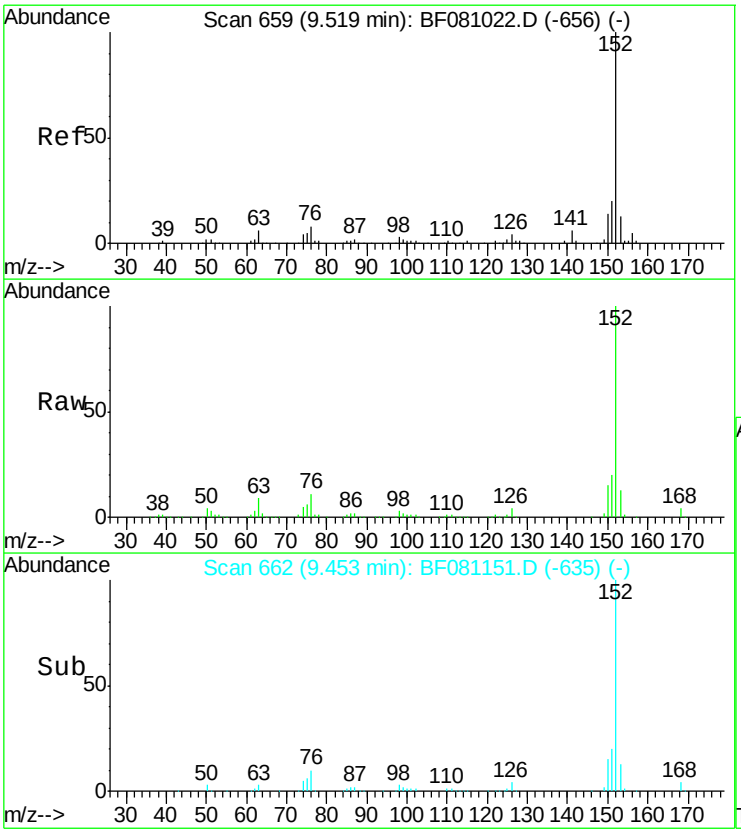
#47
2-Nitroaniline
Concen: 51.48 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion: 65 Resp: 176320

Ion	Ratio	Lower	Upper
65	100		
92	58.9	45.6	68.4
138	78.5	57.9	86.9

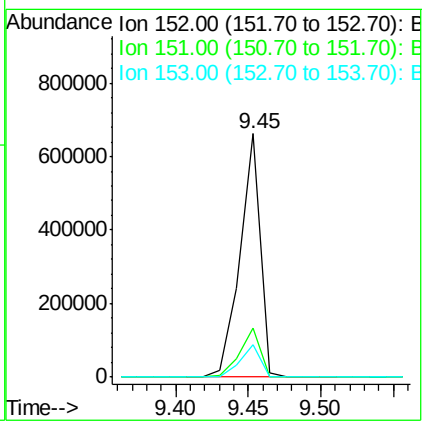


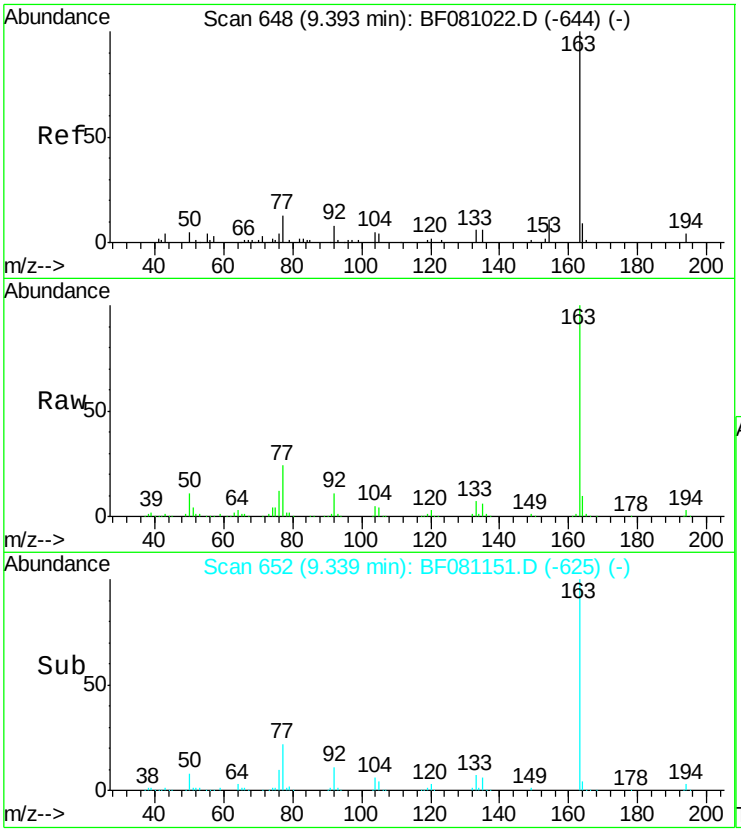


#48
Acenaphthylene
Concen: 42.79 ng
RT: 9.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:152 Resp: 640567

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.2	9.8	14.6



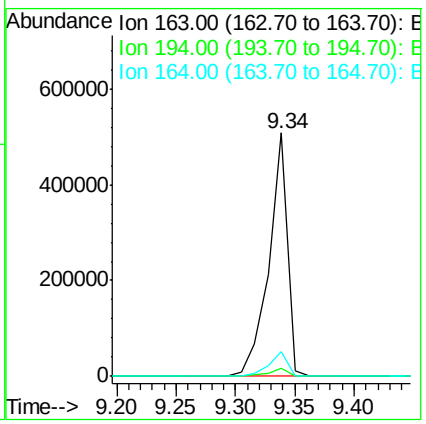


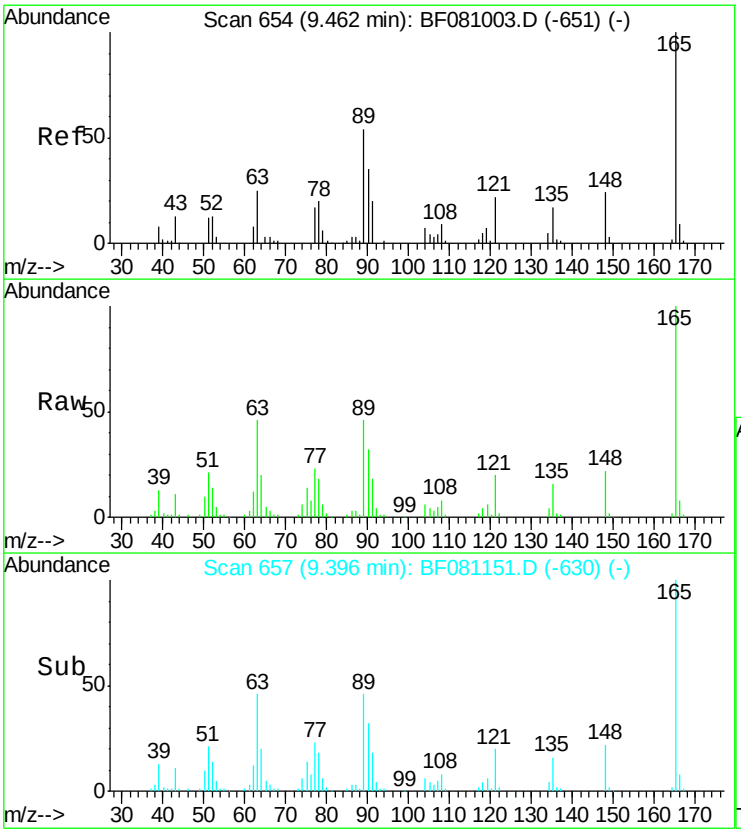
#49
Dimethylphthalate
Concen: 56.86 ng
RT: 9.34 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:163 Resp: 553790

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.5	3.7
164	10.0	8.1	12.1

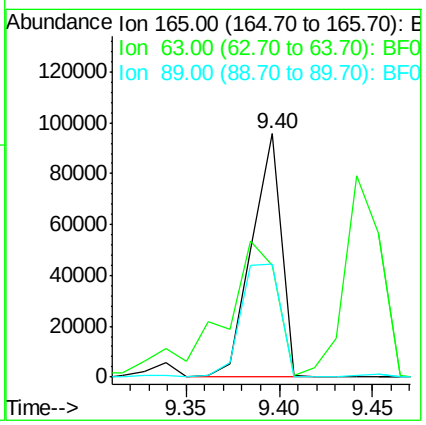


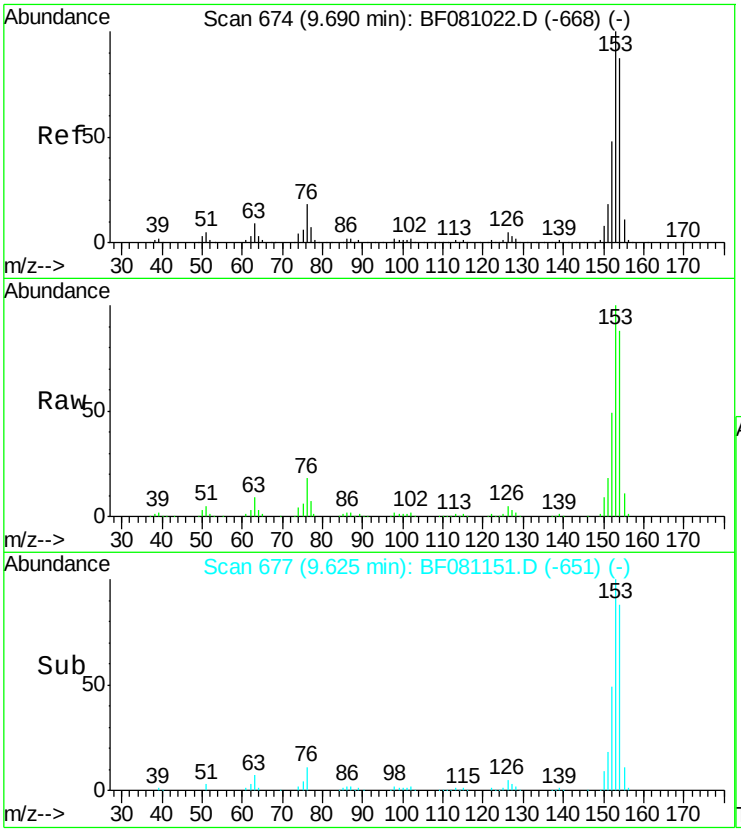


#50
2,6-Dinitrotoluene
Concen: 49.93 ng
RT: 9.40 min Scan# 657
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:165 Resp: 104423

Ion	Ratio	Lower	Upper
165	100		
63	45.7	49.5	74.3#
89	46.3	47.6	71.4#



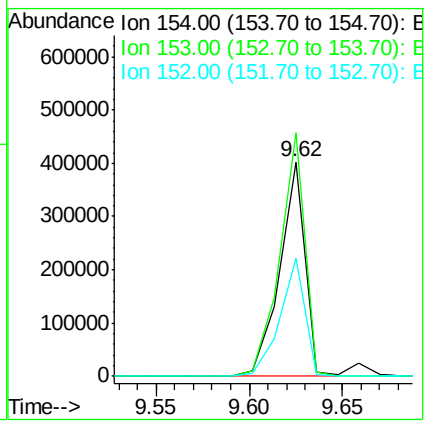


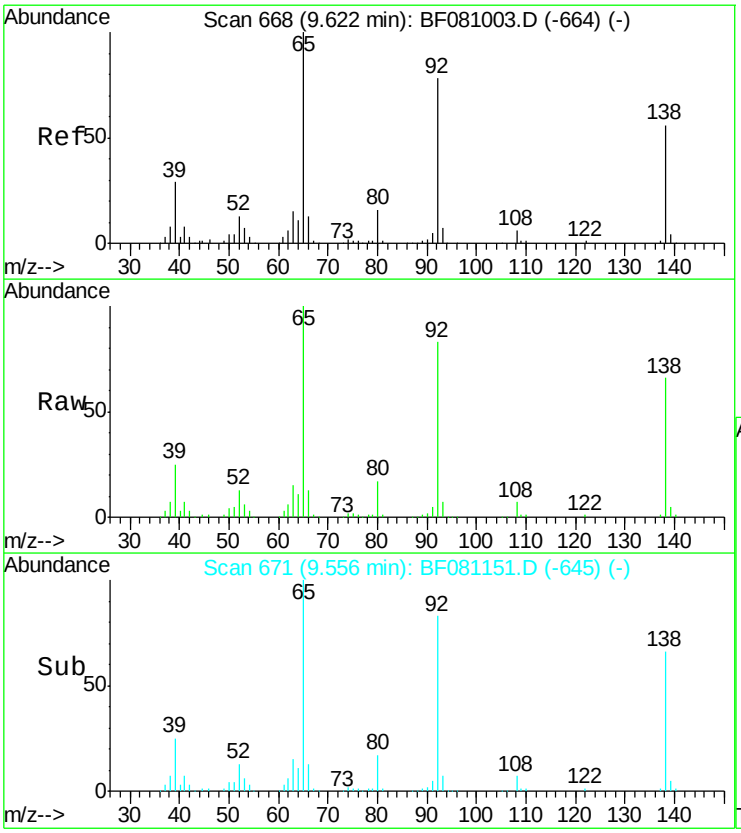
#51
Acenaphthene
Concen: 42.20 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:154 Resp: 378219

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.4	137.2
152	55.1	43.7	65.5

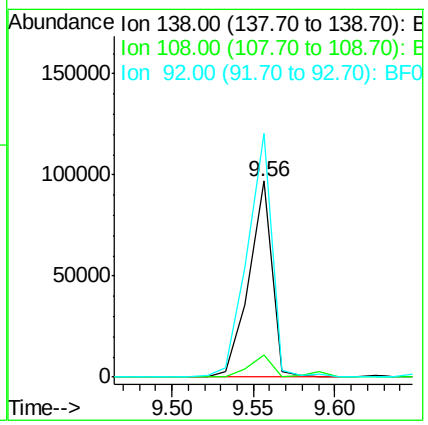


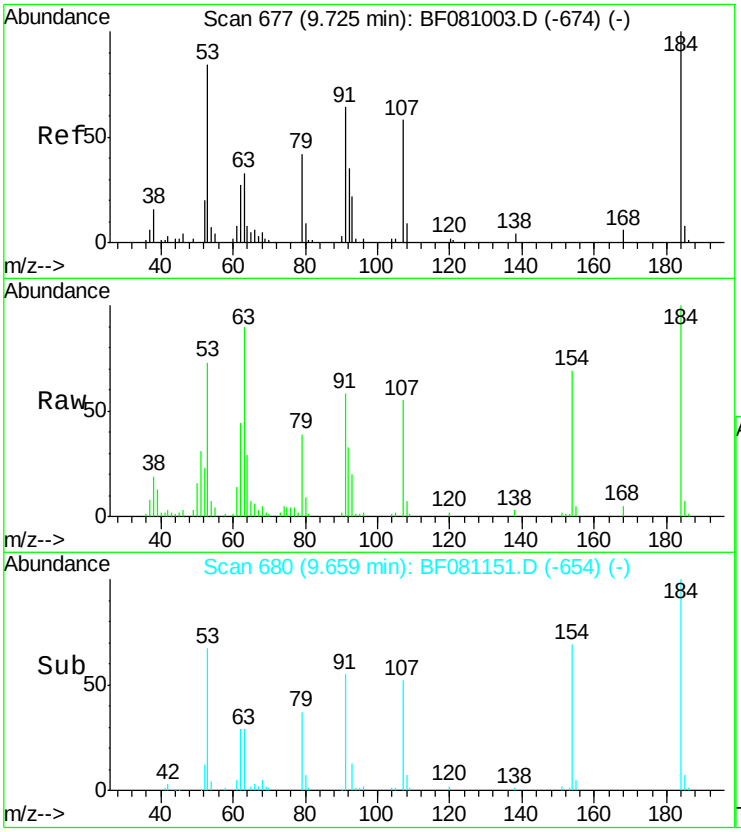


#52
3-Nitroaniline
Concen: 36.43 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:138 Resp: 95337

Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.2
92	124.4	113.2	169.8



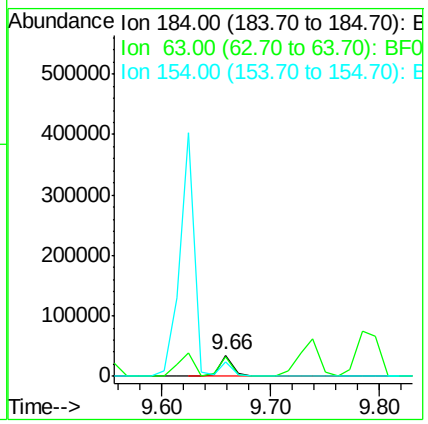


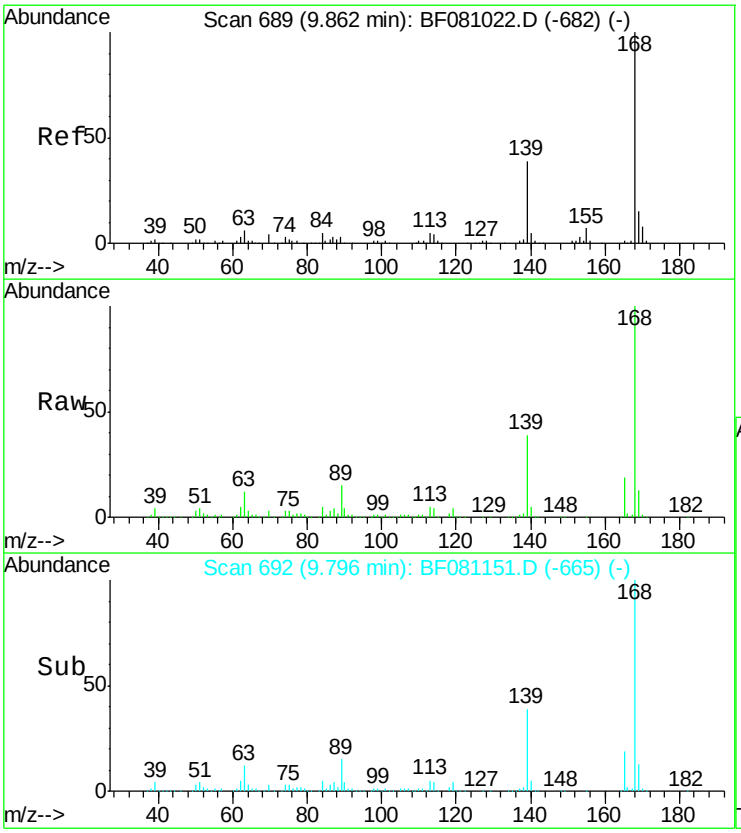
#53
2,4-Dinitrophenol
Concen: 33.05 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:184 Resp: 32368

Ion	Ratio	Lower	Upper
184	100		
63	90.3	101.7	152.5#
154	69.2	67.4	101.0

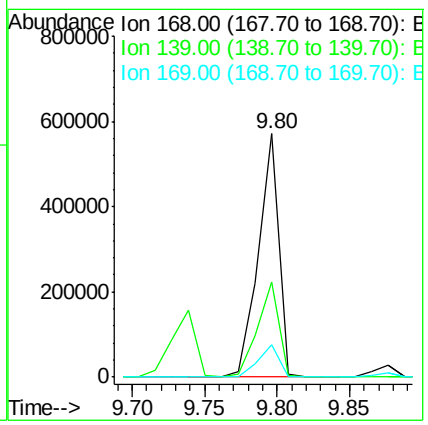


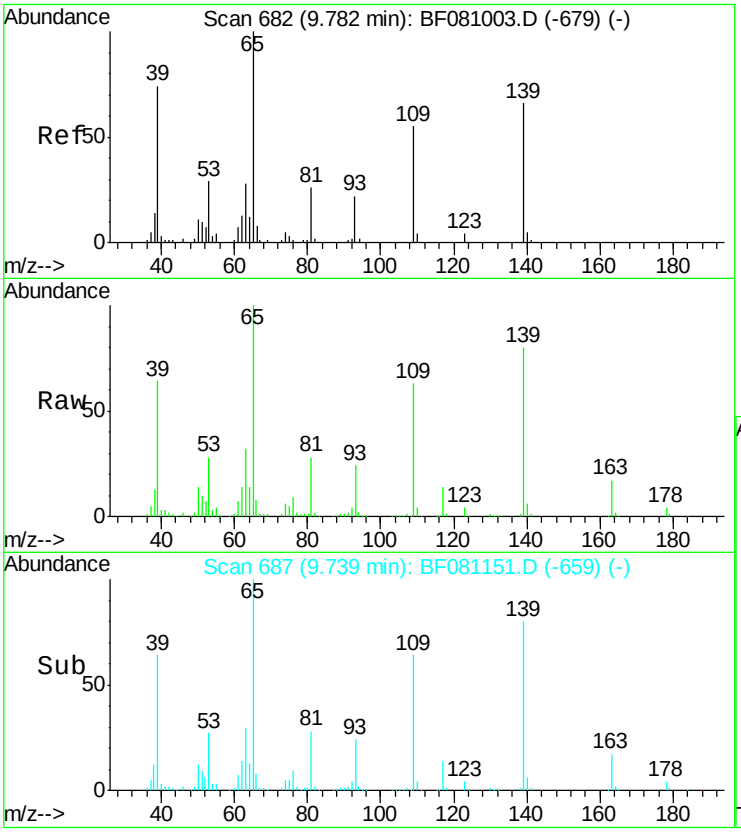


#54
Dibenzofuran
Concen: 46.48 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:168 Resp: 558208

Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.3	43.9
169	13.3	10.3	15.5



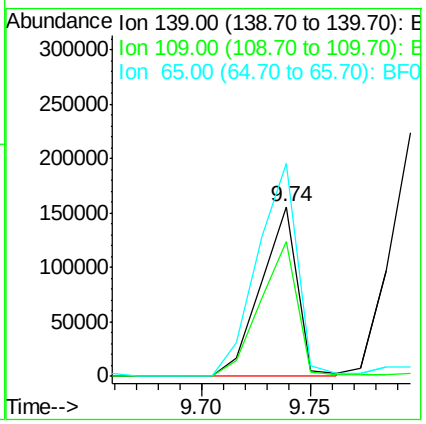


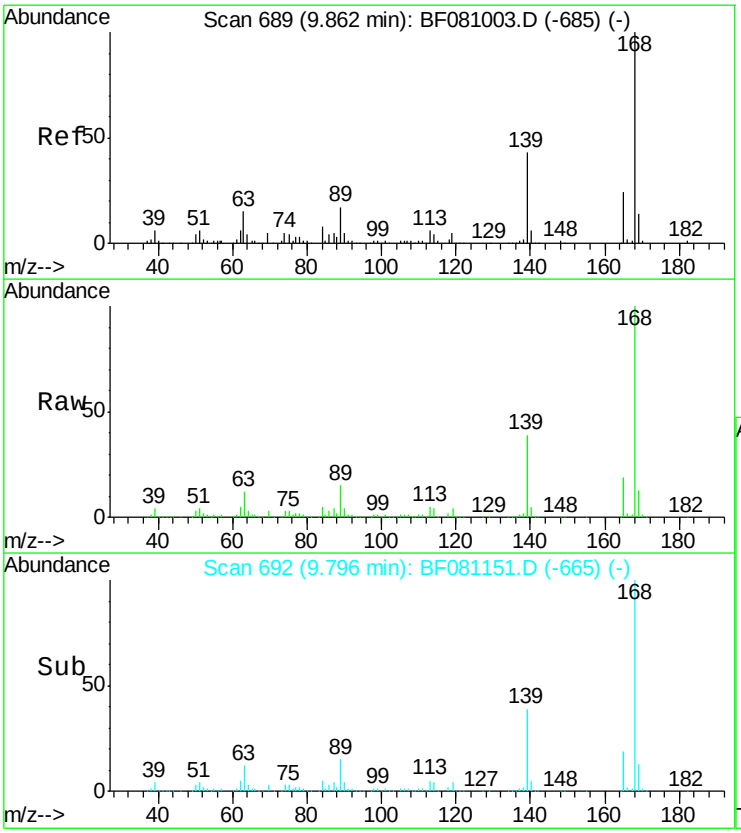
#55
4-Nitrophenol
Concen: 99.93 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.02 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:139 Resp: 183670

Ion	Ratio	Lower	Upper
139	100		
109	79.7	80.0	120.0#
65	125.7	138.3	178.3#

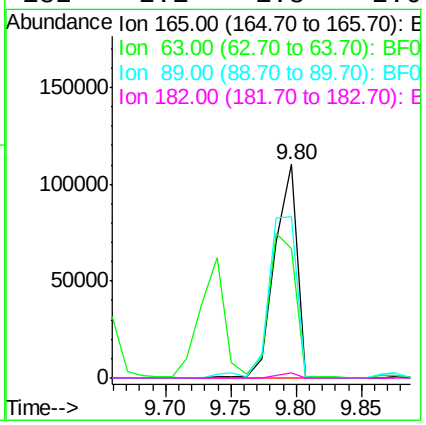


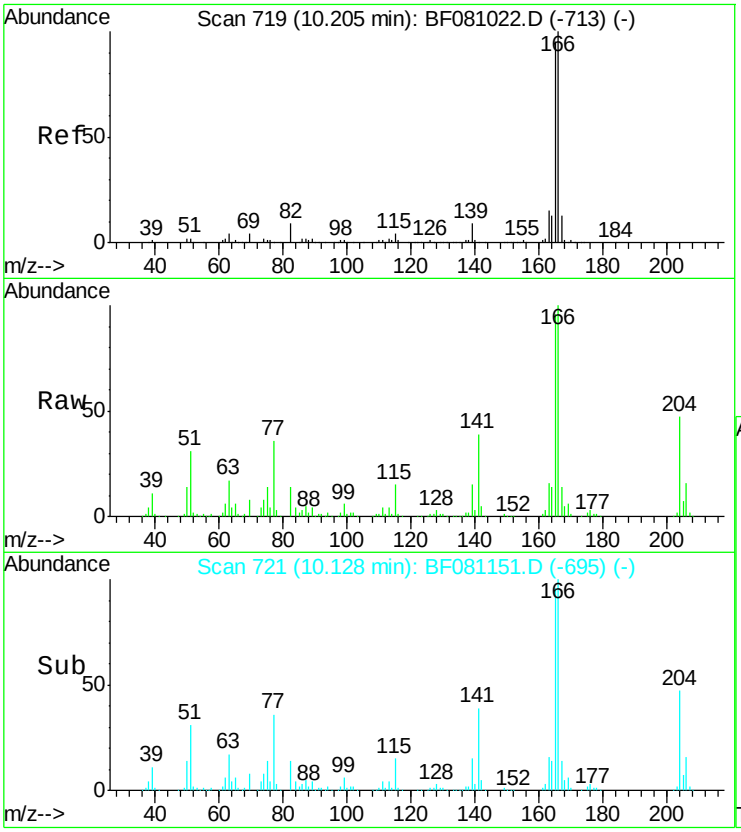


#56
2,4-Dinitrotoluene
Concen: 47.63 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:165 Resp: 132012

Ion	Ratio	Lower	Upper
165	100		
63	60.5	52.2	78.4
89	75.3	60.1	90.1
182	2.1	1.8	2.6



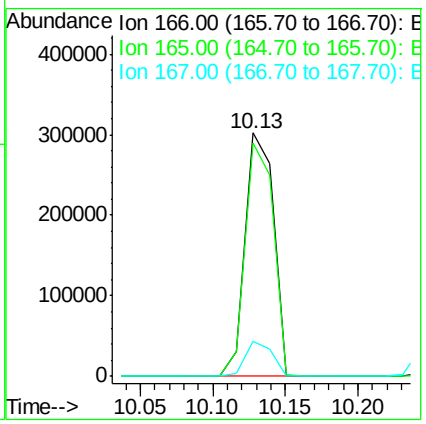


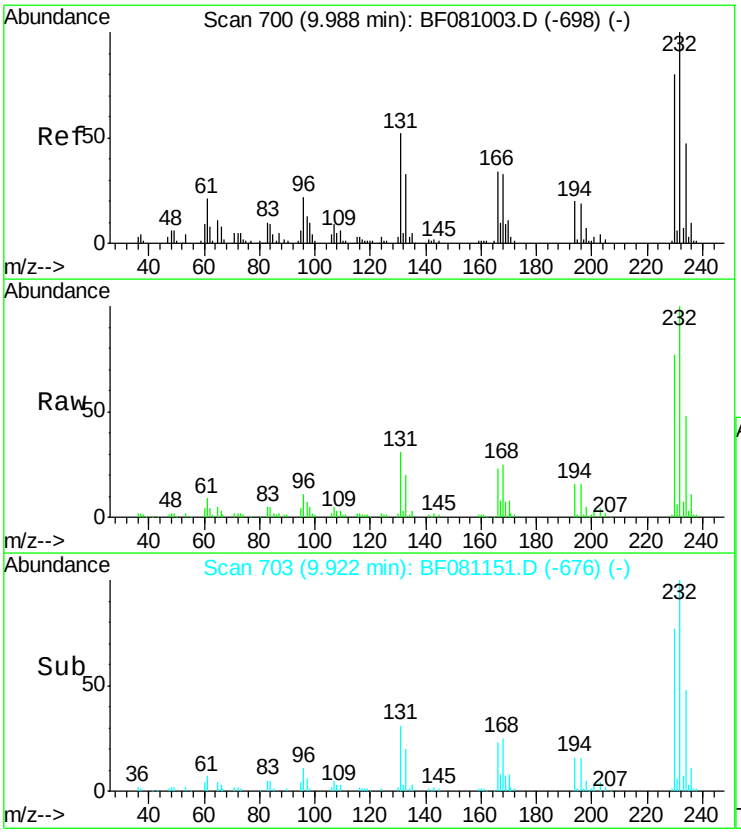
#57
Fluorene
Concen: 44.59 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:166 Resp: 411946

Ion	Ratio	Lower	Upper
166	100		
165	95.7	75.8	113.8
167	14.5	11.3	16.9

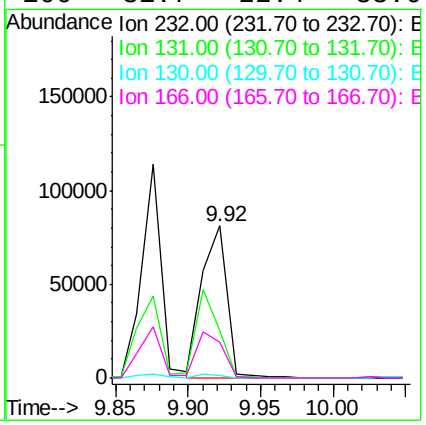


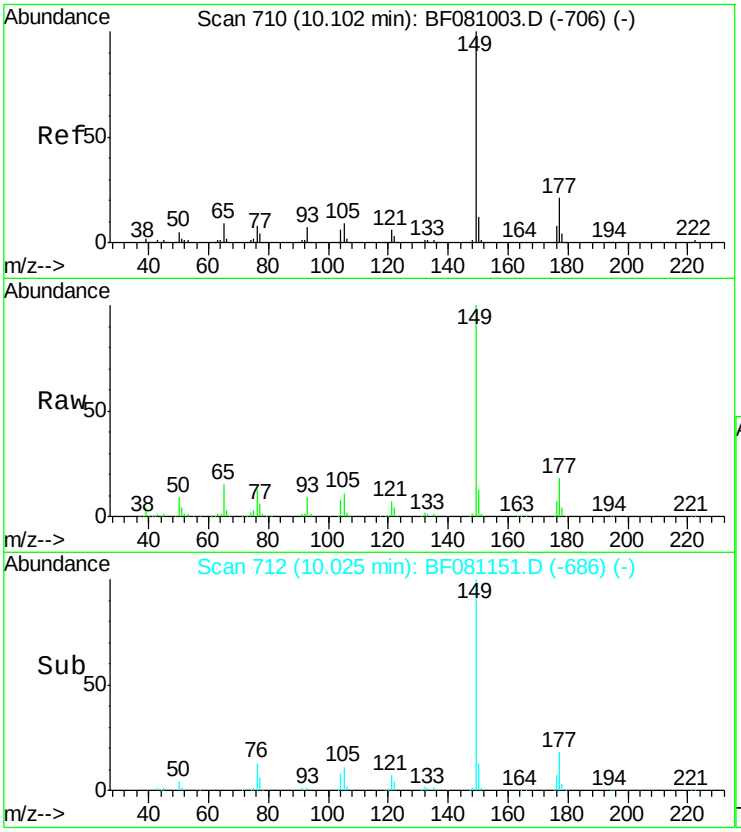


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.13 ng
RT: 9.92 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:232 Resp: 98277

Ion	Ratio	Lower	Upper
232	100		
131	54.0	42.2	63.4
130	2.5	2.1	3.1
166	31.7	22.4	33.6



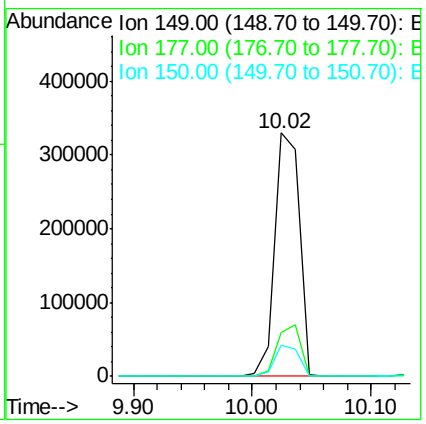


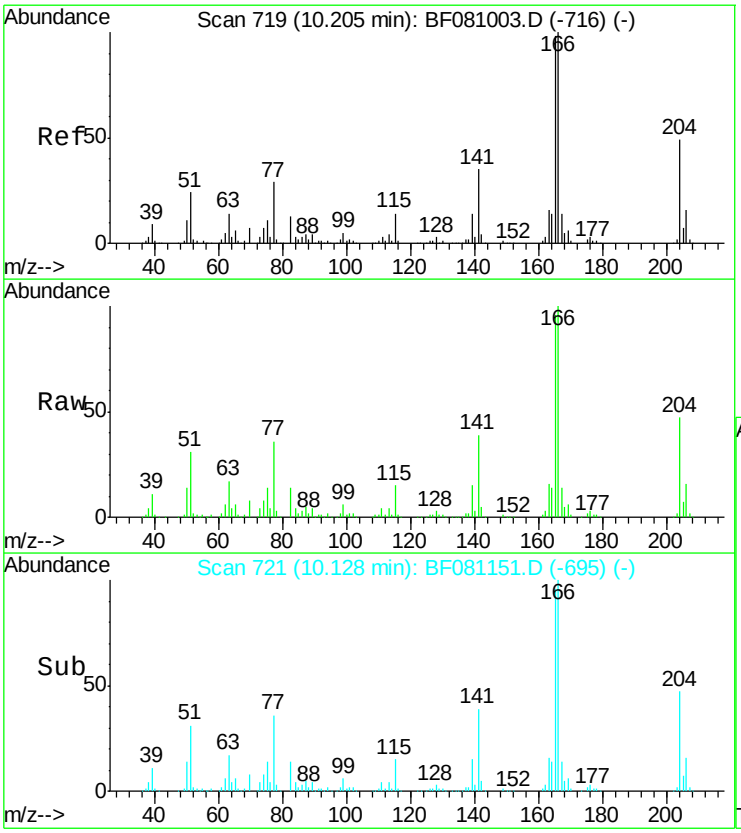
#59
Diethylphthalate
Concen: 45.57 ng
RT: 10.02 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:149 Resp: 469753

Ion	Ratio	Lower	Upper
149	100		
177	18.2	14.1	21.1
150	12.8	10.3	15.5

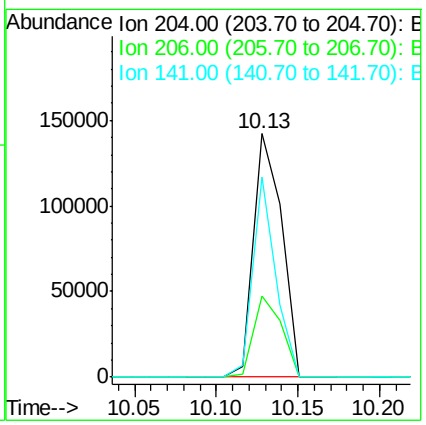


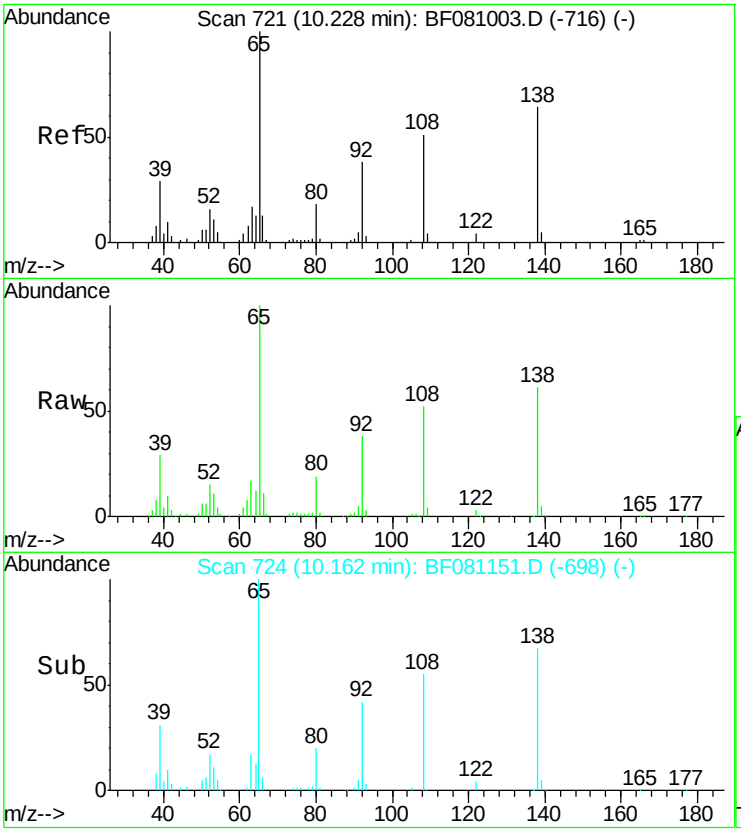


#60
4-Chlorophenyl-phenylether
Concen: 44.05 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:204 Resp: 172221

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	81.9	59.6	89.4



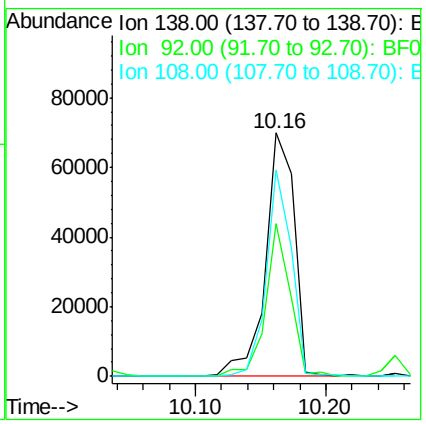


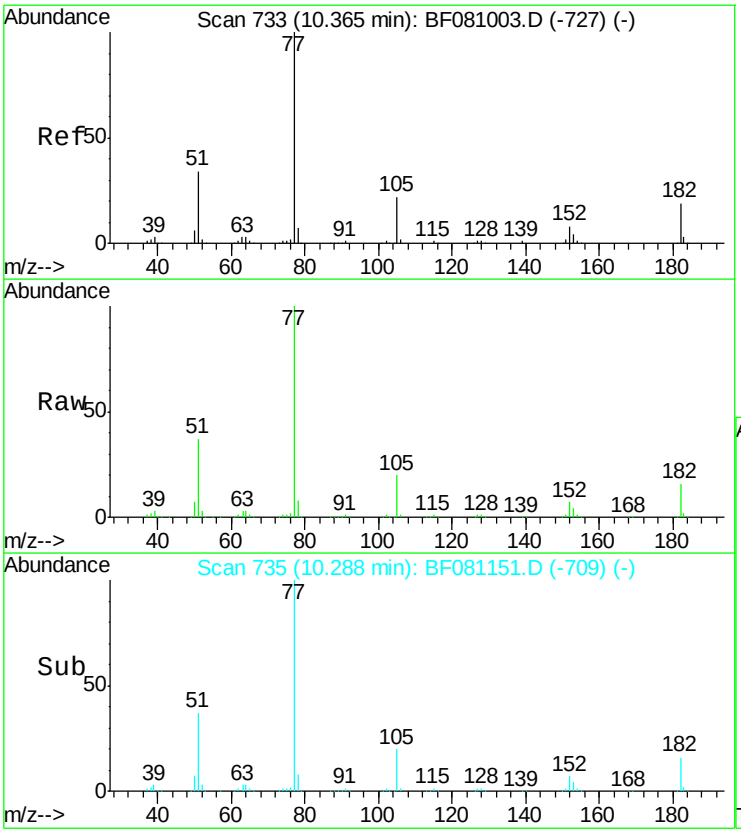
#61
4-Nitroaniline
Concen: 40.66 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:138 Resp: 108756

Ion	Ratio	Lower	Upper
138	100		
92	62.6	34.7	74.7
108	84.8	68.9	108.9

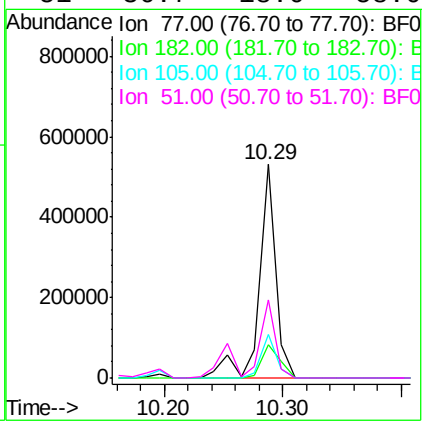


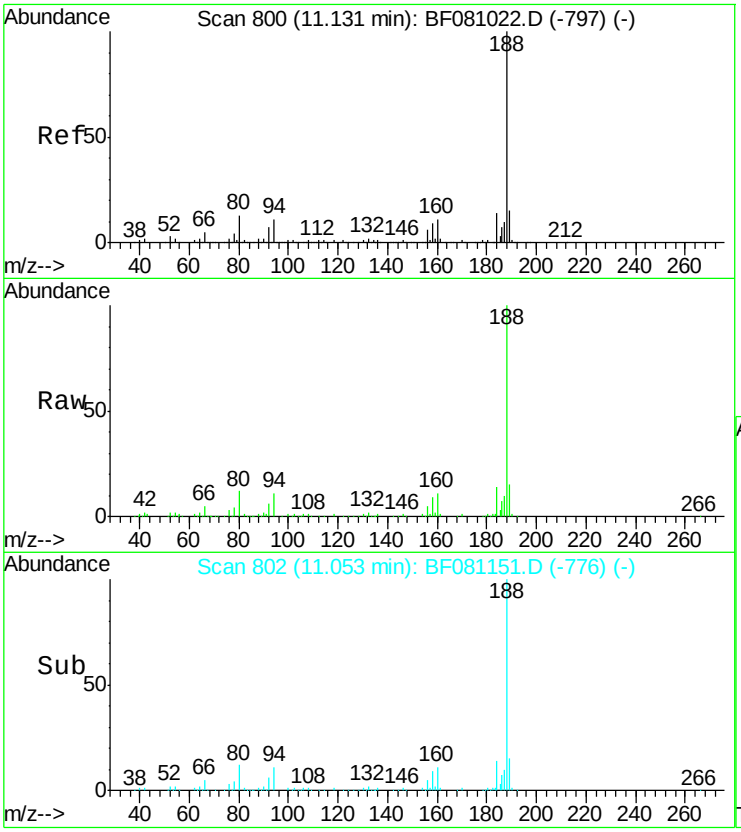


#62
Azobenzene
Concen: 43.99 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion: 77 Resp: 522550

Ion	Ratio	Lower	Upper
77	100		
182	15.7	0.0	39.0
105	20.1	0.2	40.2
51	36.7	18.0	58.0



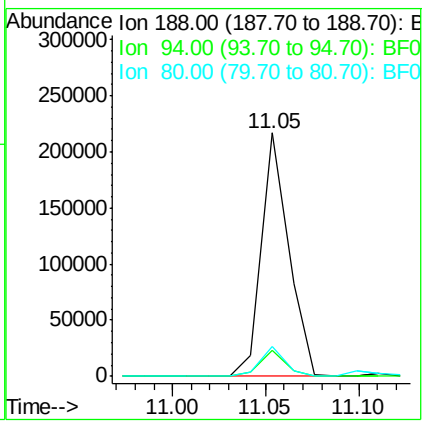


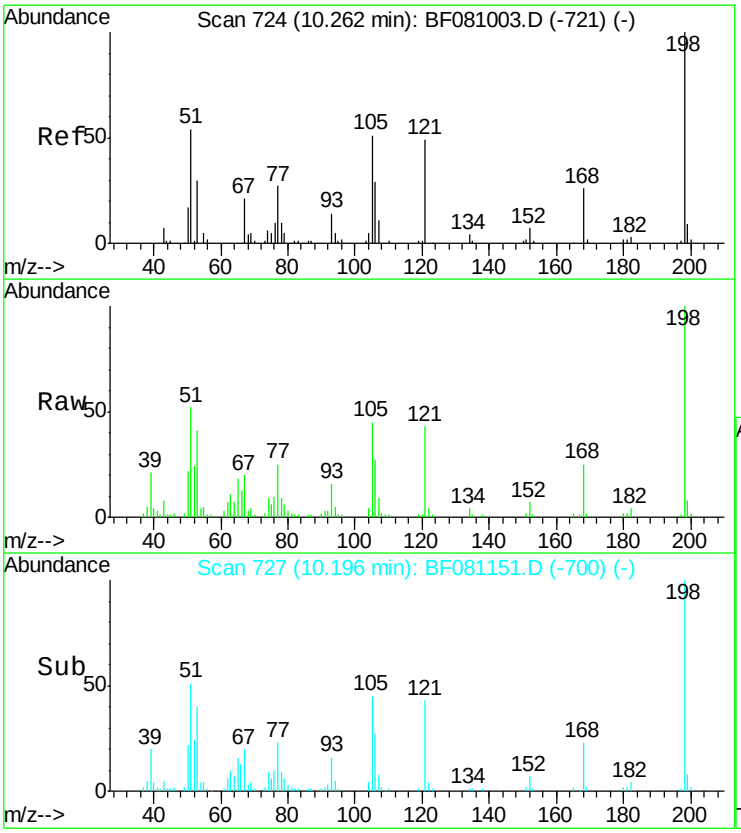
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:188 Resp: 219767

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	12.4	9.5	14.3

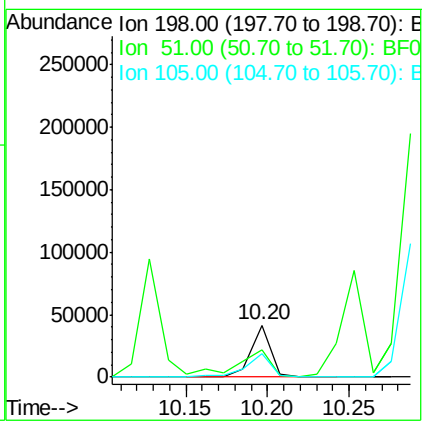


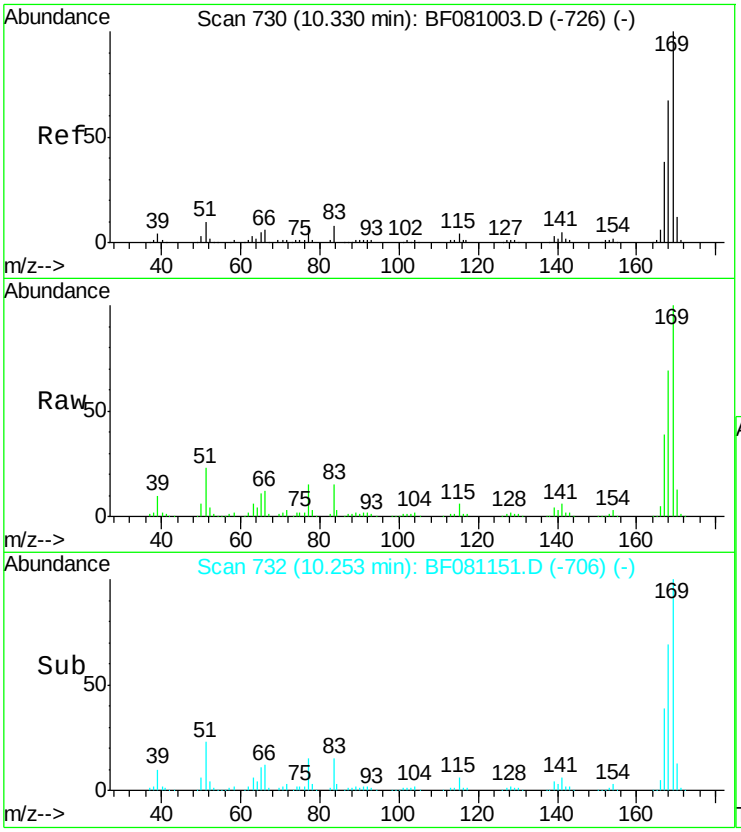


#64
4,6-Dinitro-2-methylphenol
Concen: 26.83 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:198 Resp: 35215

Ion	Ratio	Lower	Upper
198	100		
51	52.4	79.7	119.7#
105	45.4	47.0	87.0#



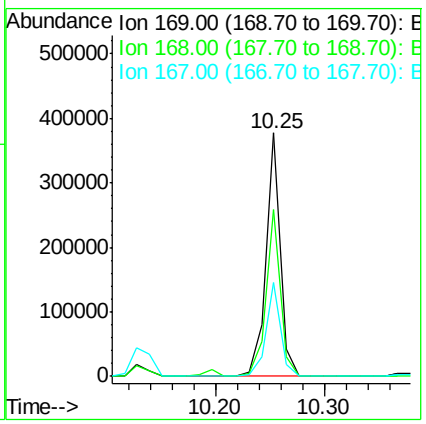


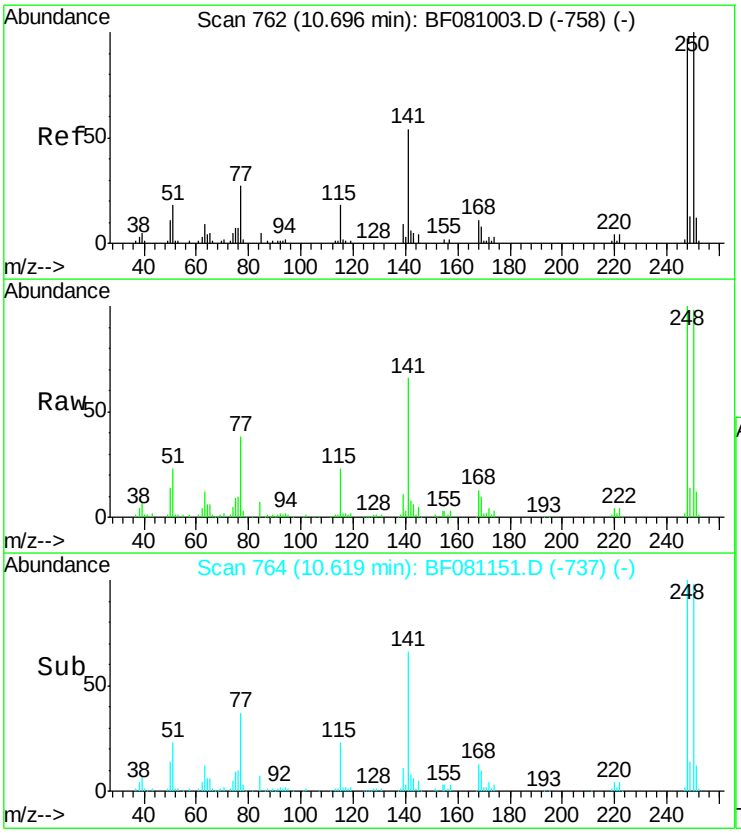
#65
n-Nitrosodiphenylamine
Concen: 44.65 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:169 Resp: 350311

Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.3	82.9
167	38.5	30.8	46.2

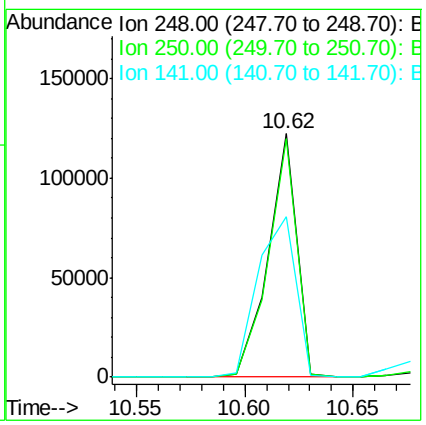


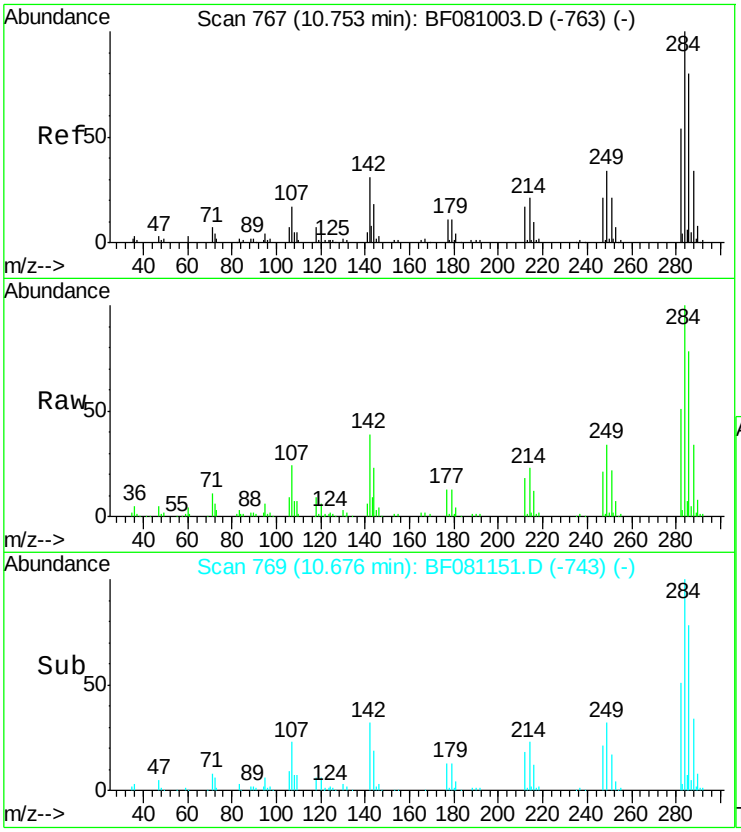


#66
4-Bromophenyl-phenylether
Concen: 52.50 ng
RT: 10.62 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:248 Resp: 113338

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.8	116.6
141	66.1	39.8	59.6#



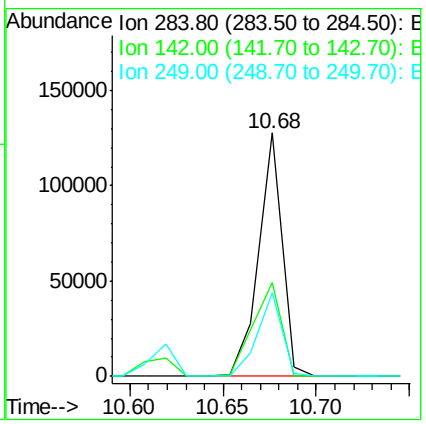


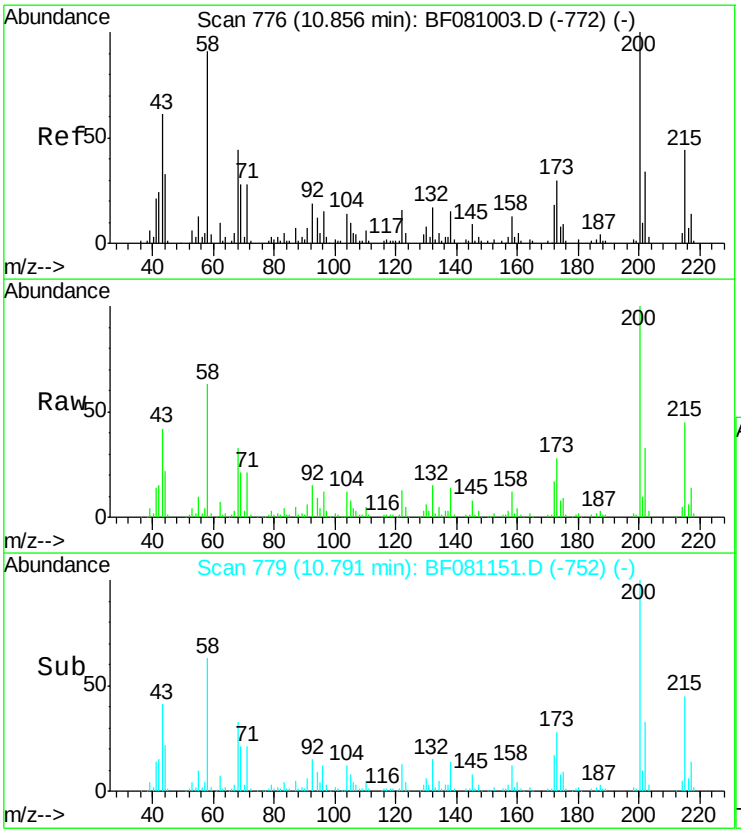
#67
Hexachlorobenzene
Concen: 50.59 ng
RT: 10.68 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:284 Resp: 110610

Ion	Ratio	Lower	Upper
284	100		
142	38.6	25.4	38.0#
249	34.5	28.5	42.7

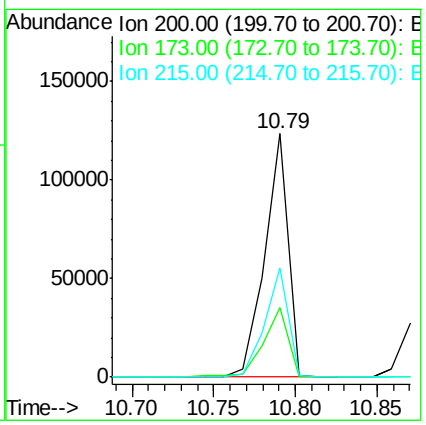


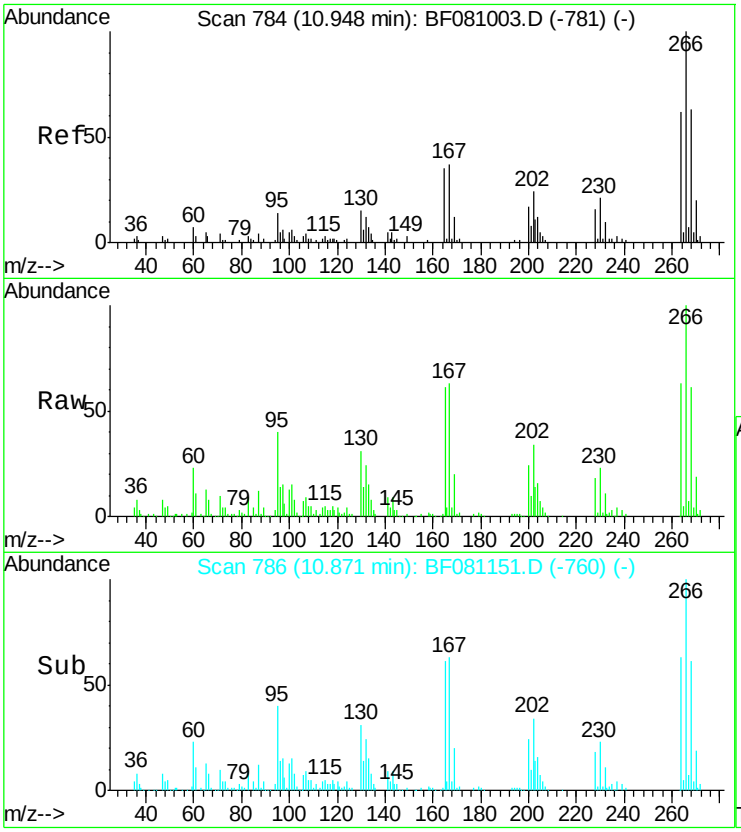


#68
Atrazine
Concen: 56.43 ng
RT: 10.79 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:200 Resp: 123329

Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.1	48.1
215	44.6	23.3	63.3



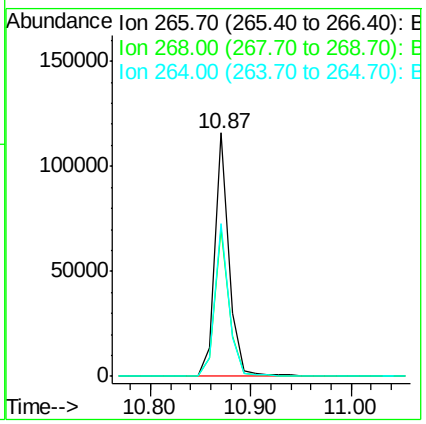


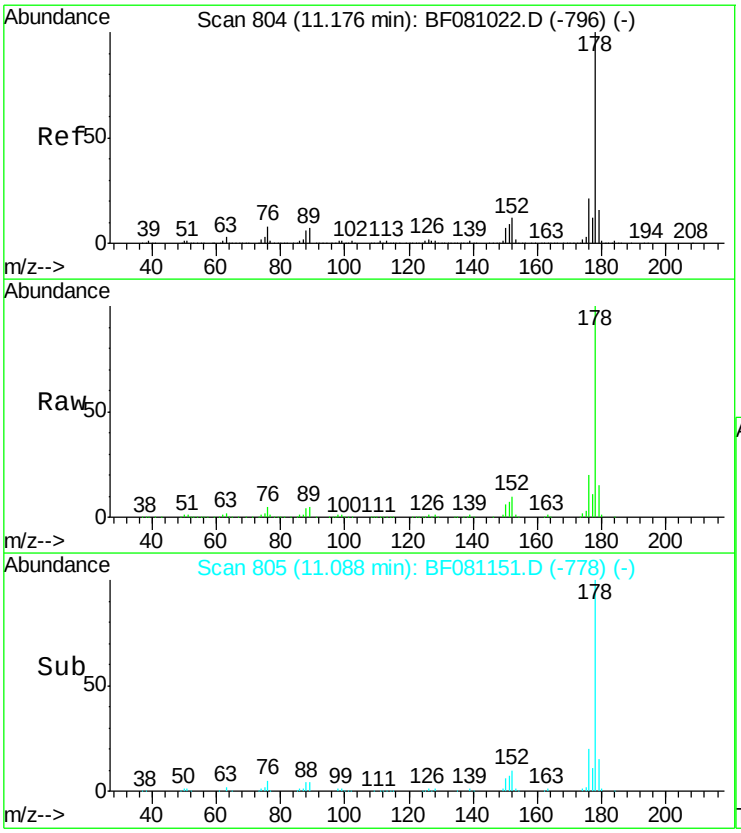
#69
Pentachlorophenol
Concen: 87.42 ng
RT: 10.87 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:266 Resp: 114682

Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.2	76.8
264	62.9	50.6	75.8

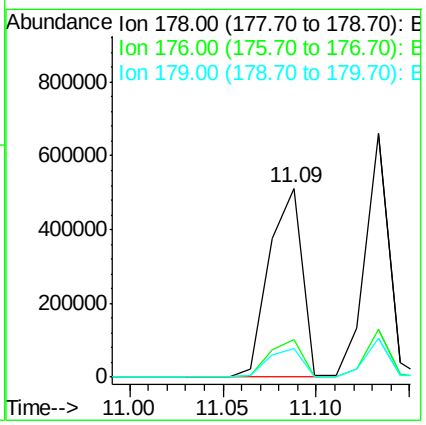


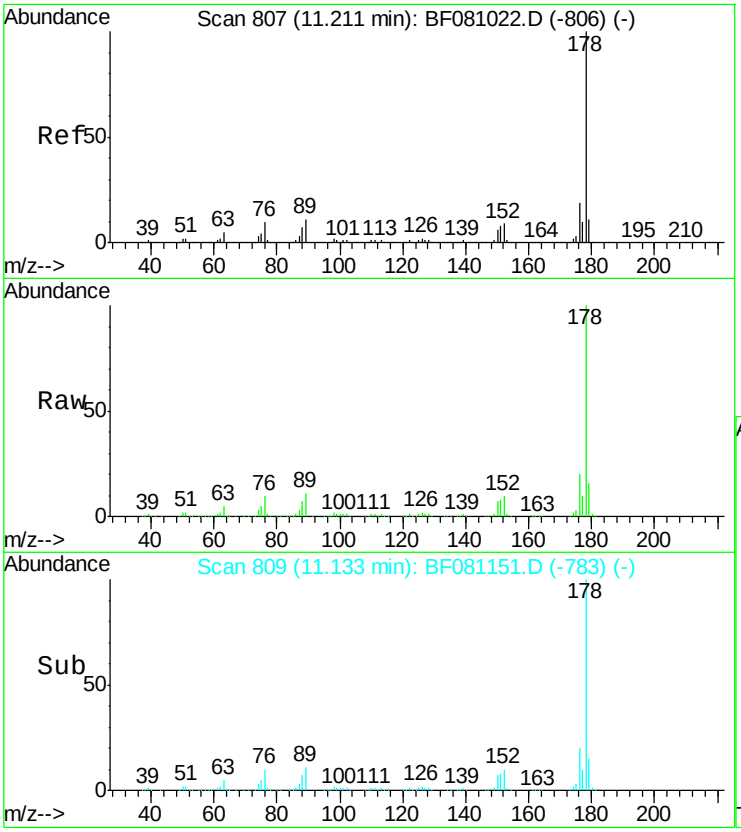


#70
Phenanthrene
Concen: 48.33 ng
RT: 11.09 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:178 Resp: 629515

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.3	12.2	18.2



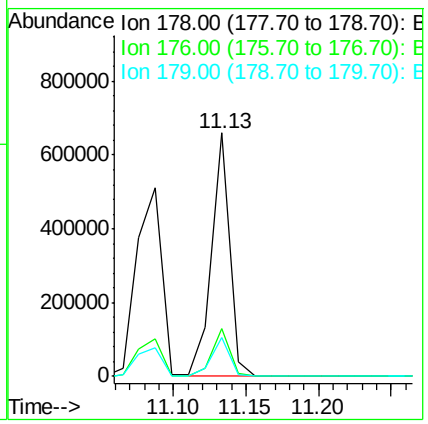


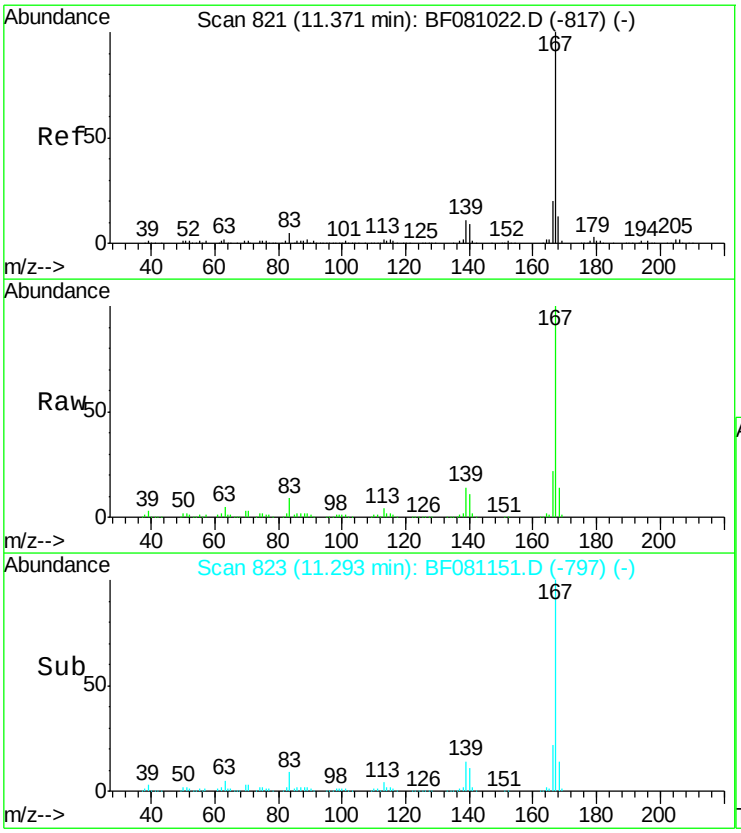
#71
Anthracene
Concen: 45.20 ng
RT: 11.13 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:178 Resp: 572864

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.8	12.7	19.1

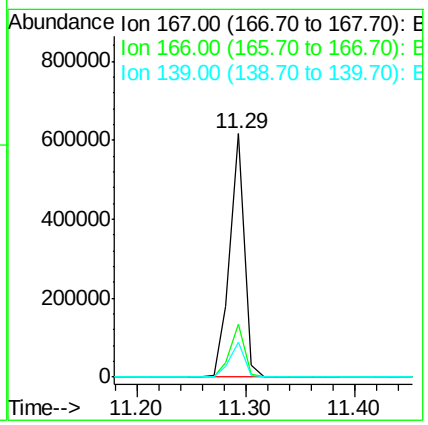


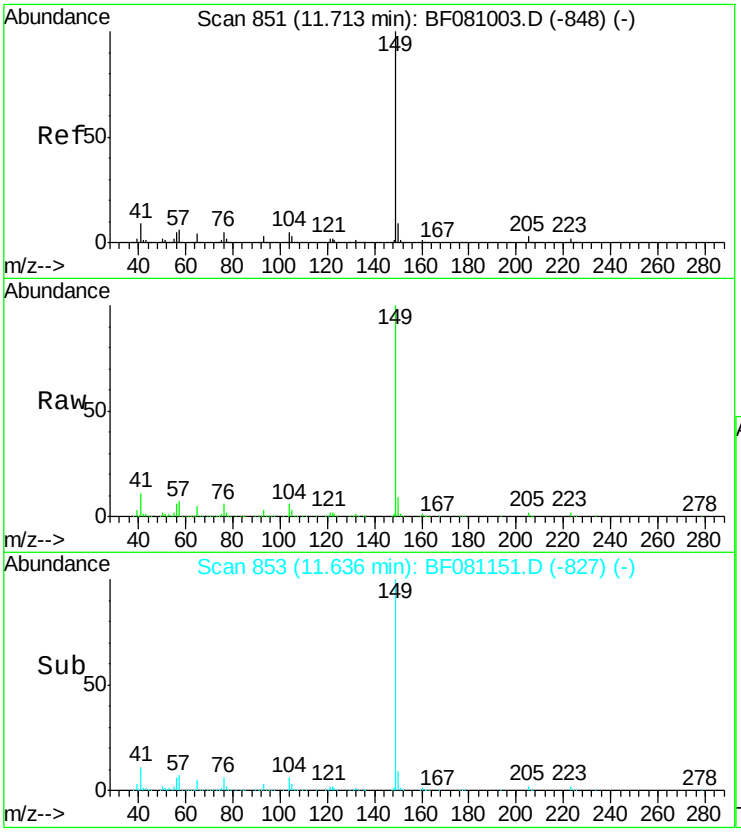


#72
Carbazole
Concen: 47.08 ng
RT: 11.29 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:167 Resp: 574520

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	14.3	10.6	16.0



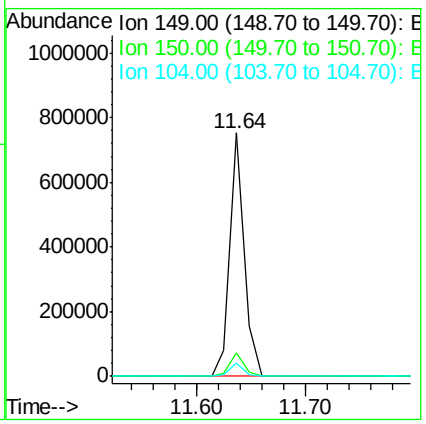


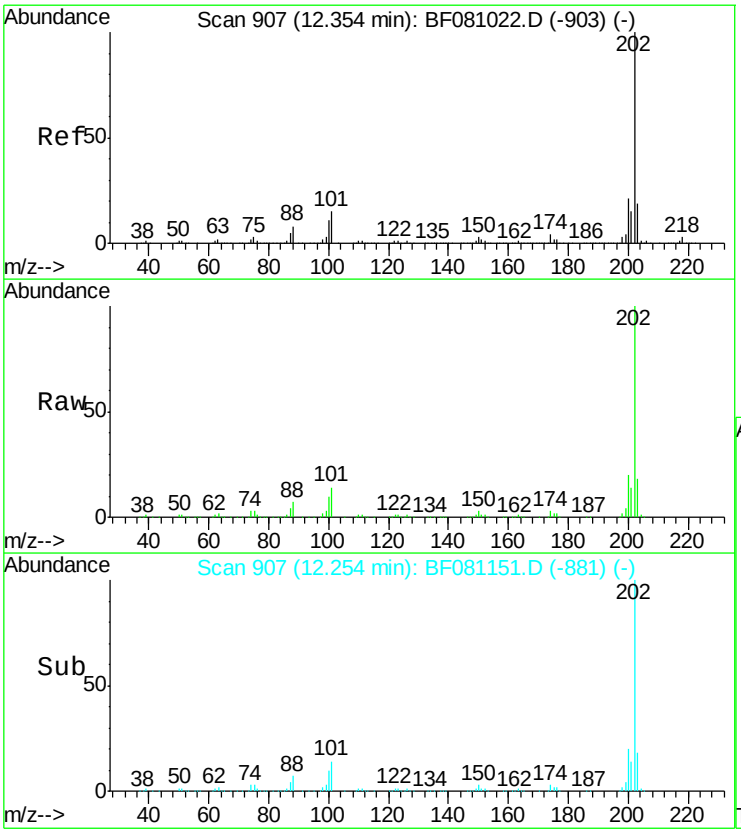
#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 11.64 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:149 Resp: 682586

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.1	10.7
104	5.6	3.9	5.9

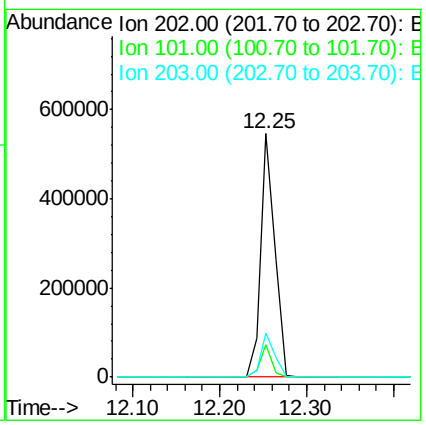


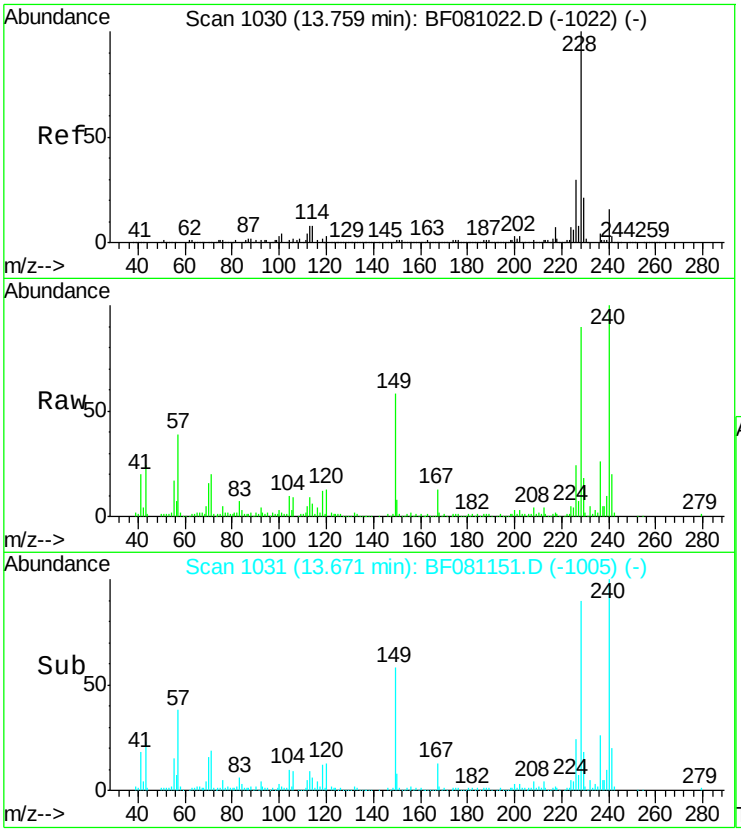


#74
Fluoranthene
Concen: 44.08 ng
RT: 12.25 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:202 Resp: 619585

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	24.8
203	17.9	0.0	36.9



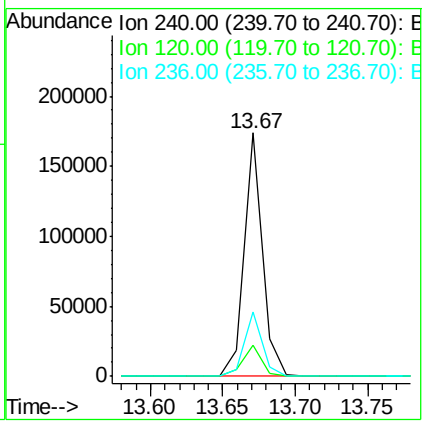


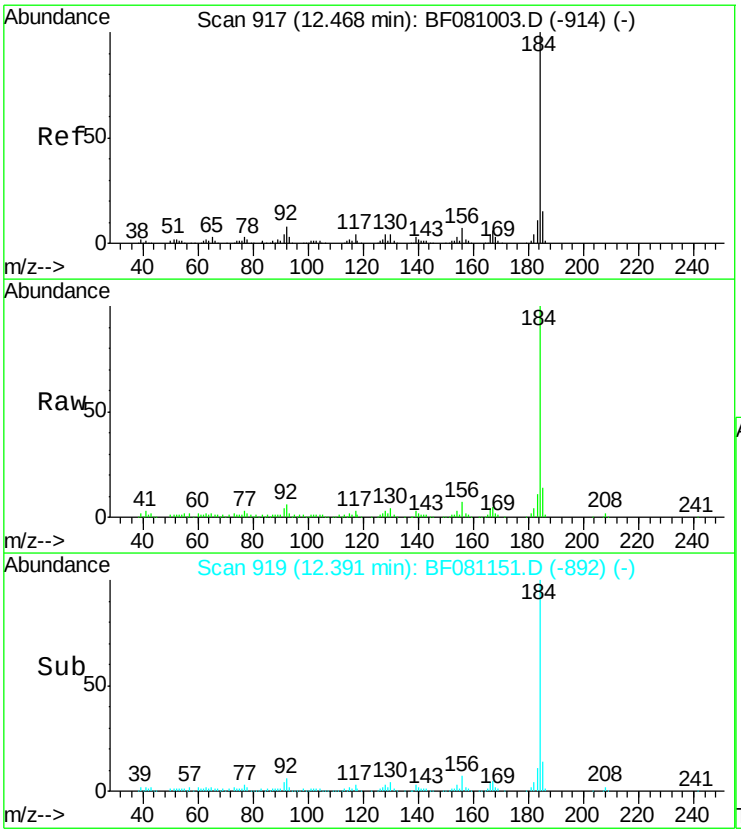
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:240 Resp: 151608

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.6	8.4#
236	26.3	20.6	30.8

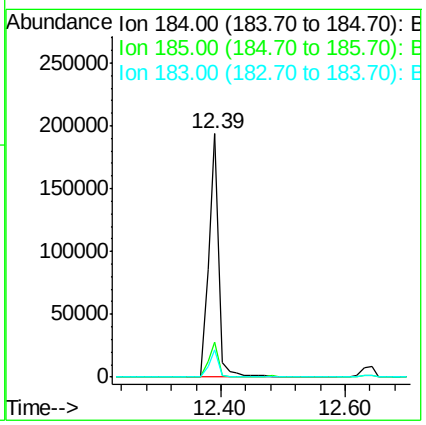


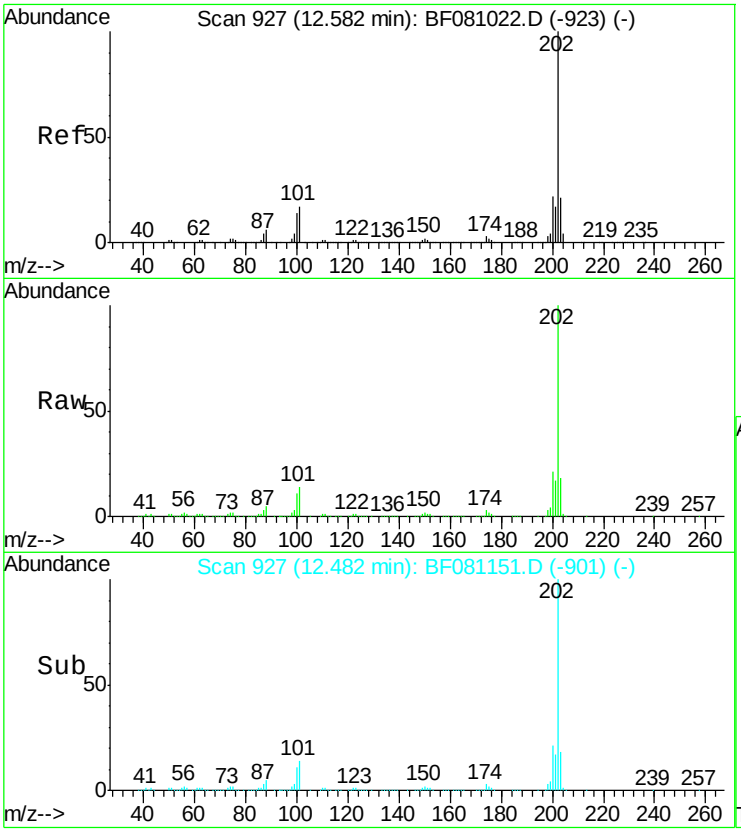


#76
Benzidine
Concen: 36.98 ng
RT: 12.39 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:184 Resp: 211801

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.0	18.0
183	11.2	8.9	13.3



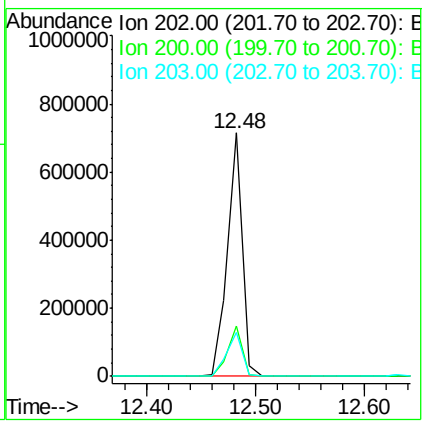


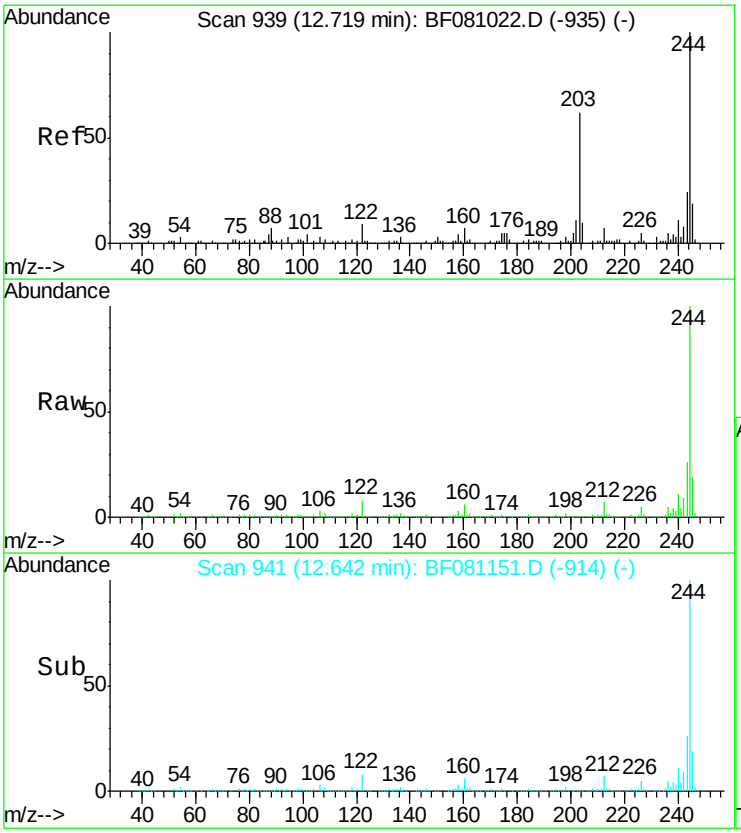
#77
Pyrene
Concen: 54.49 ng
RT: 12.48 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:202 Resp: 671531

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	18.0	14.1	21.1

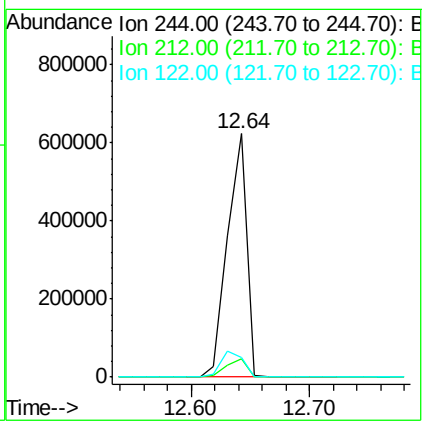


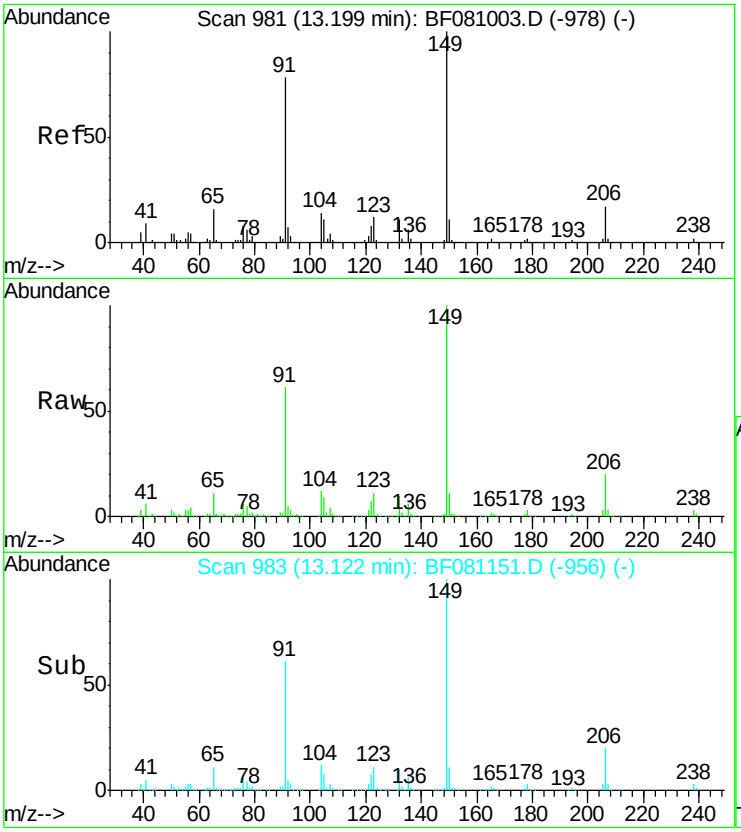


#78
Terphenyl-d14
Concen: 99.05 ng
RT: 12.64 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:244 Resp: 700441

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.9	8.2	12.4#



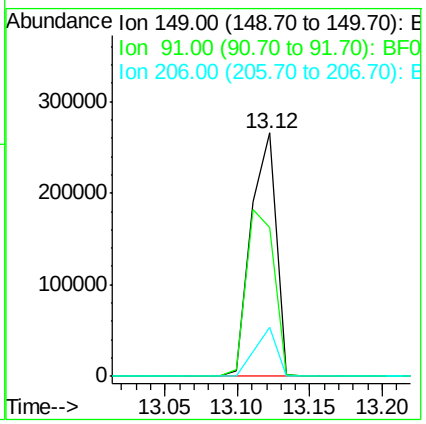


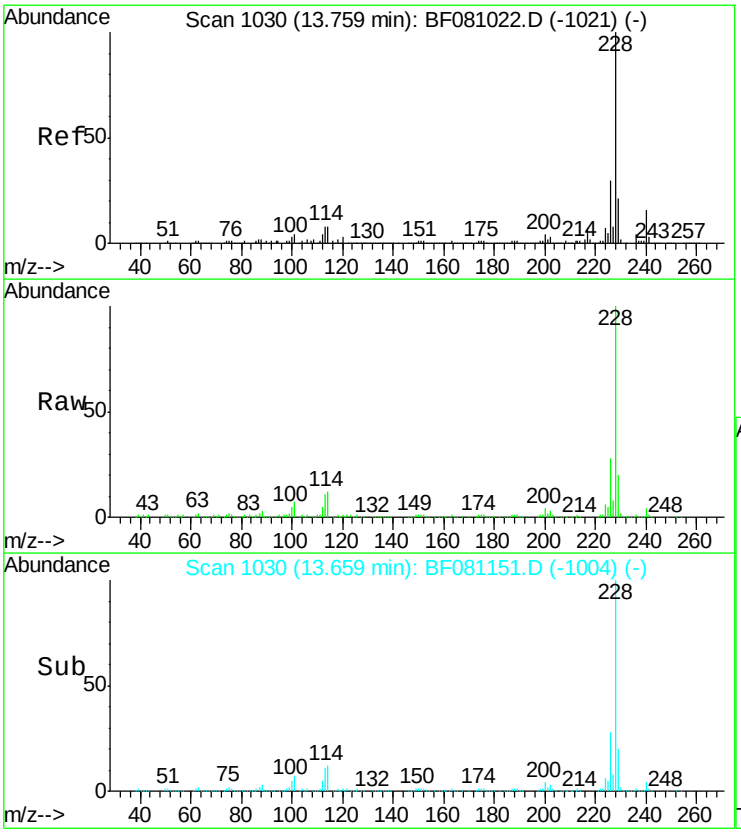
#79
Butylbenzylphthalate
Concen: 59.98 ng
RT: 13.12 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:149 Resp: 317769

Ion	Ratio	Lower	Upper
149	100		
91	61.2	46.9	70.3
206	20.2	17.0	25.4

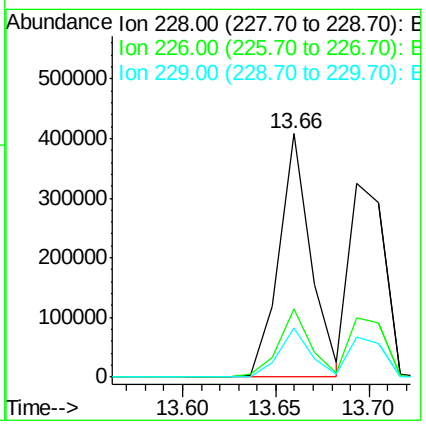


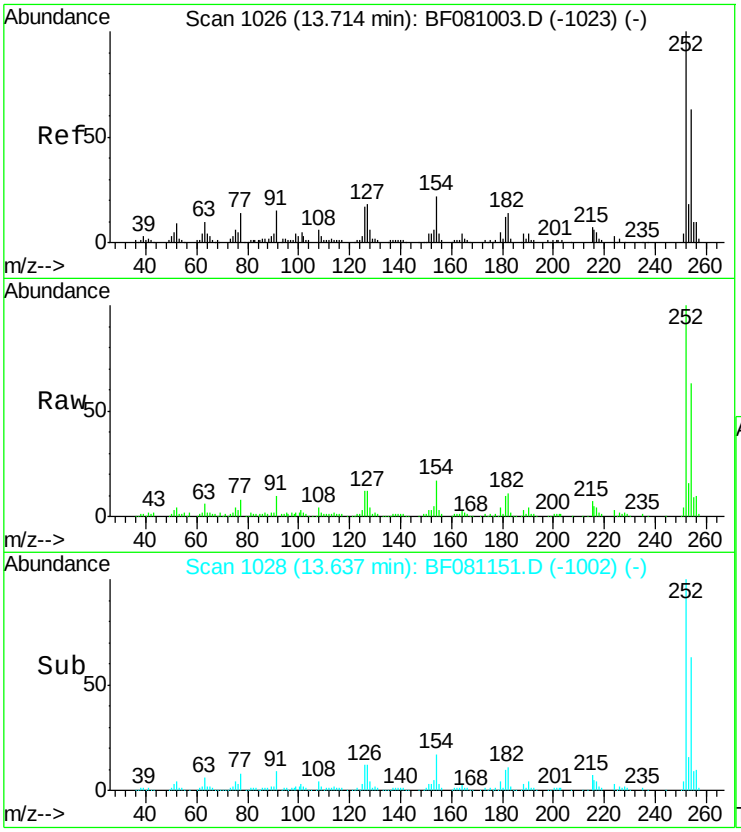


#80
Benzo(a)anthracene
Concen: 47.91 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:228 Resp: 487110

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.0	15.9	23.9



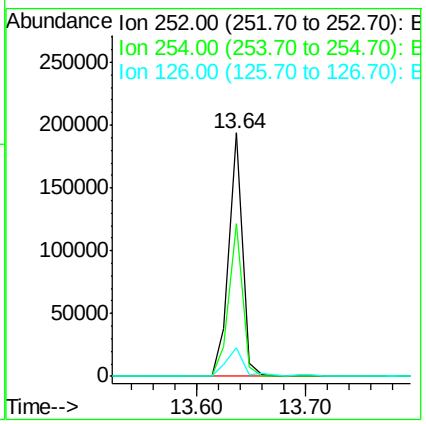


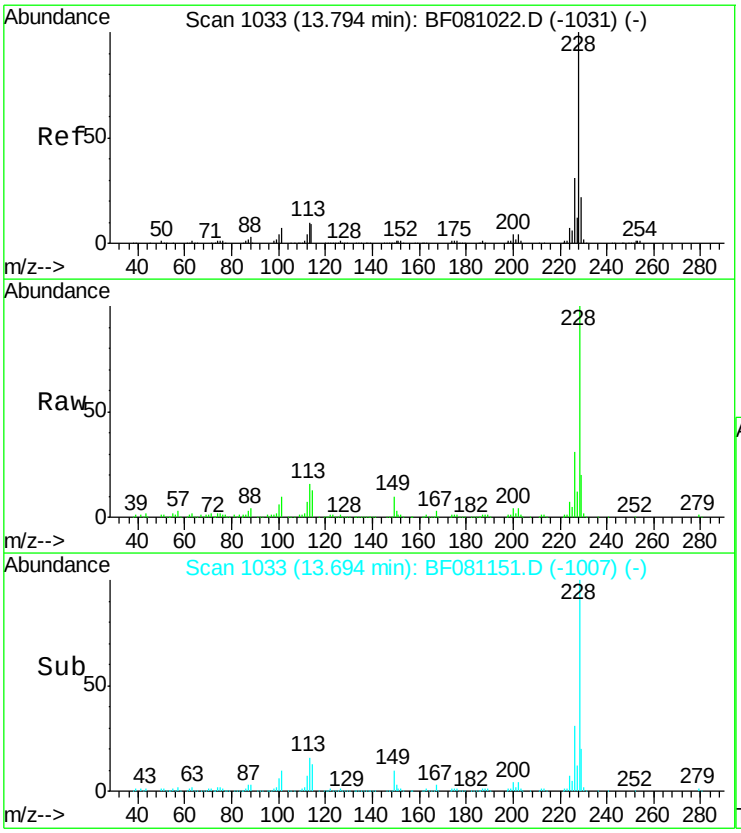
#81
3,3'-Dichlorobenzidine
Concen: 51.24 ng
RT: 13.64 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:252 Resp: 168736

Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.5	77.3
126	12.0	12.5	18.7#

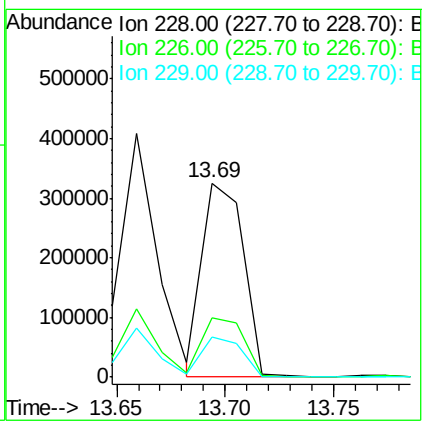


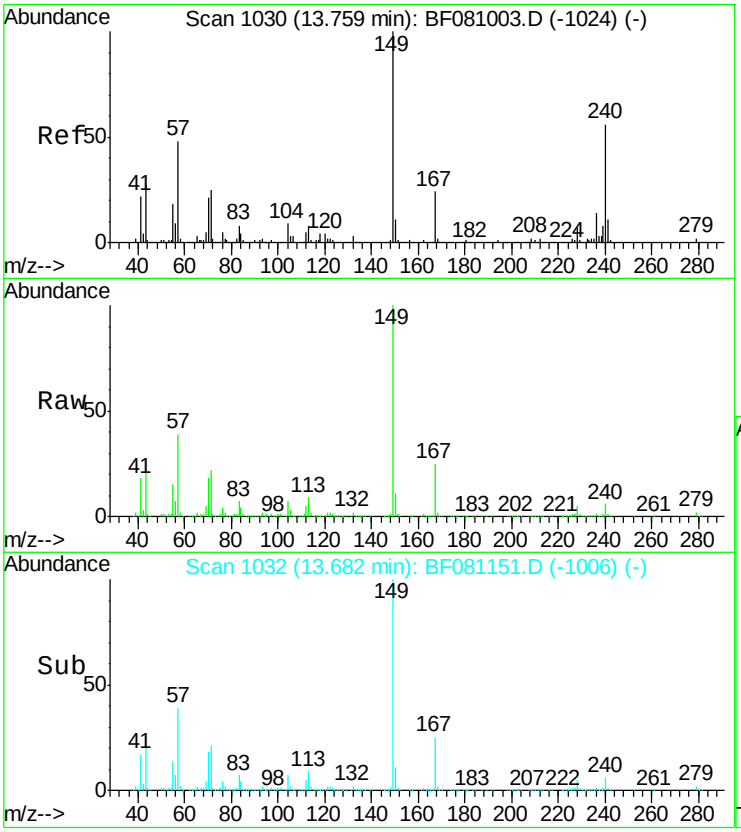


#82
Chrysene
Concen: 46.67 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:228 Resp: 427616

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.4	16.0	24.0



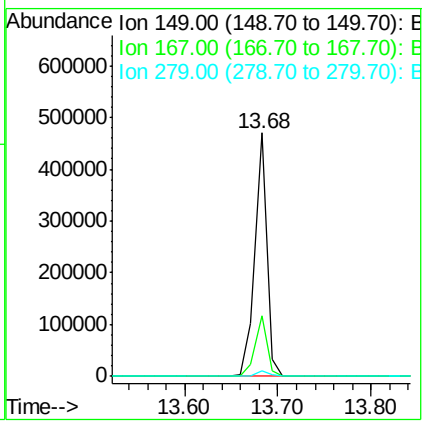


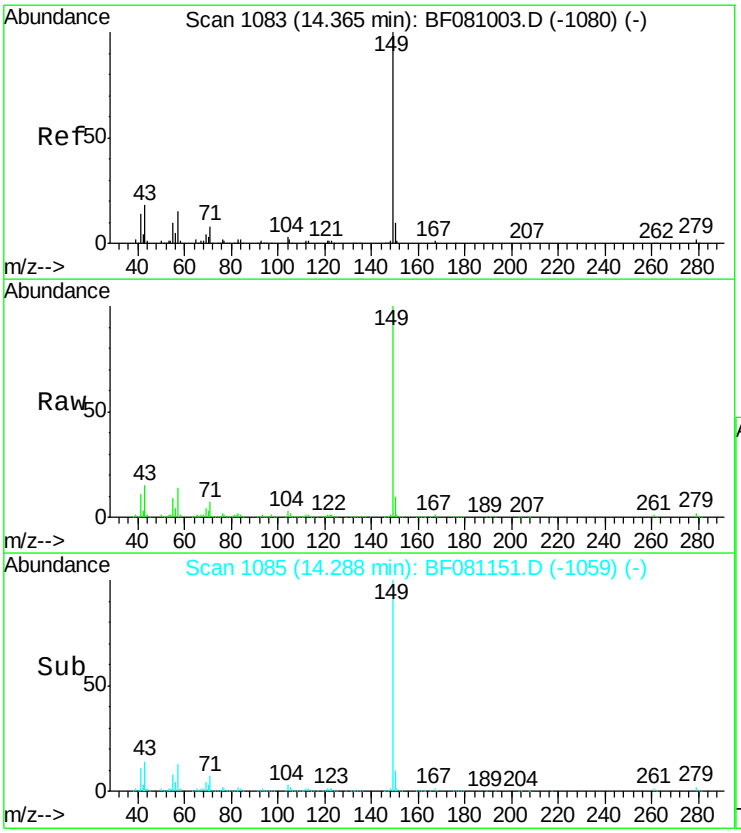
#83
Bis(2-ethylhexyl)phthalate
Concen: 61.56 ng
RT: 13.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:149 Resp: 417729

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.7	31.1
279	2.2	2.2	3.4#

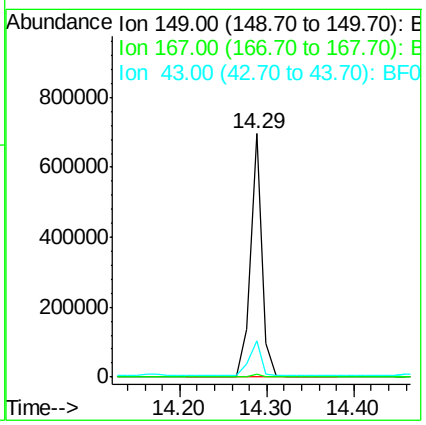


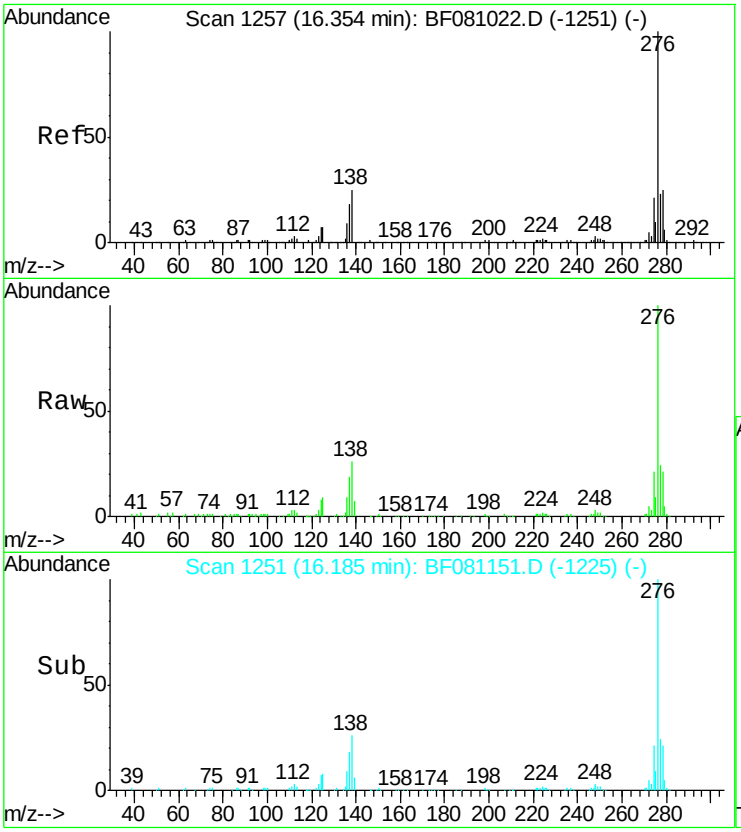


#84
Di-n-octyl phthalate
Concen: 62.24 ng
RT: 14.29 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:149 Resp: 641877

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	15.4	11.6	17.4



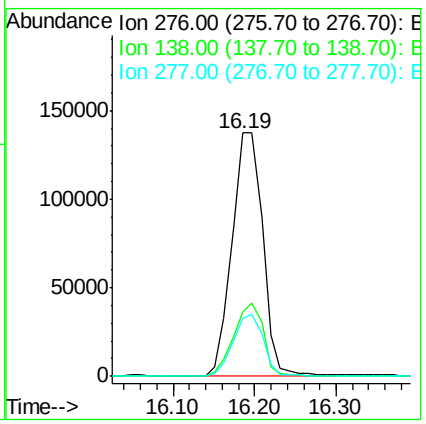


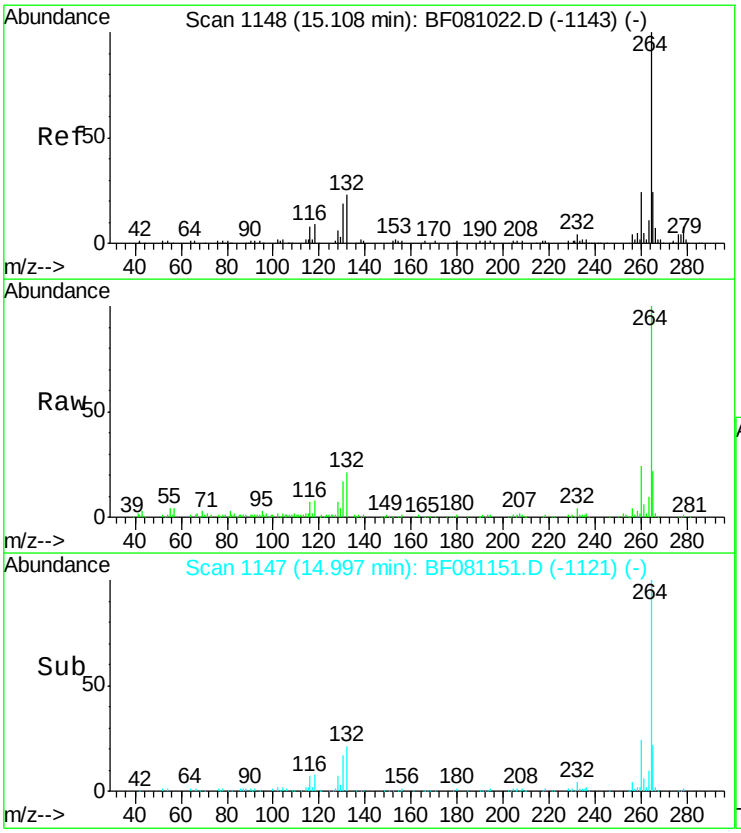
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.00 ng
RT: 16.19 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:276 Resp: 360290

Ion	Ratio	Lower	Upper
276	100		
138	29.3	18.6	28.0#
277	25.2	19.8	29.8

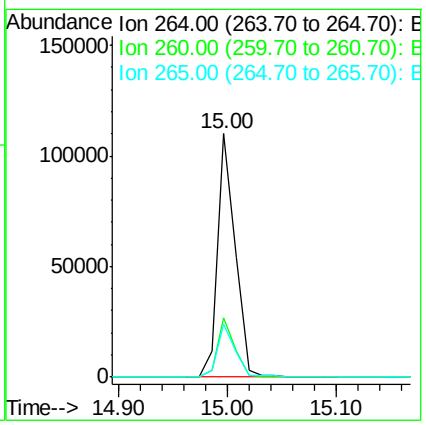


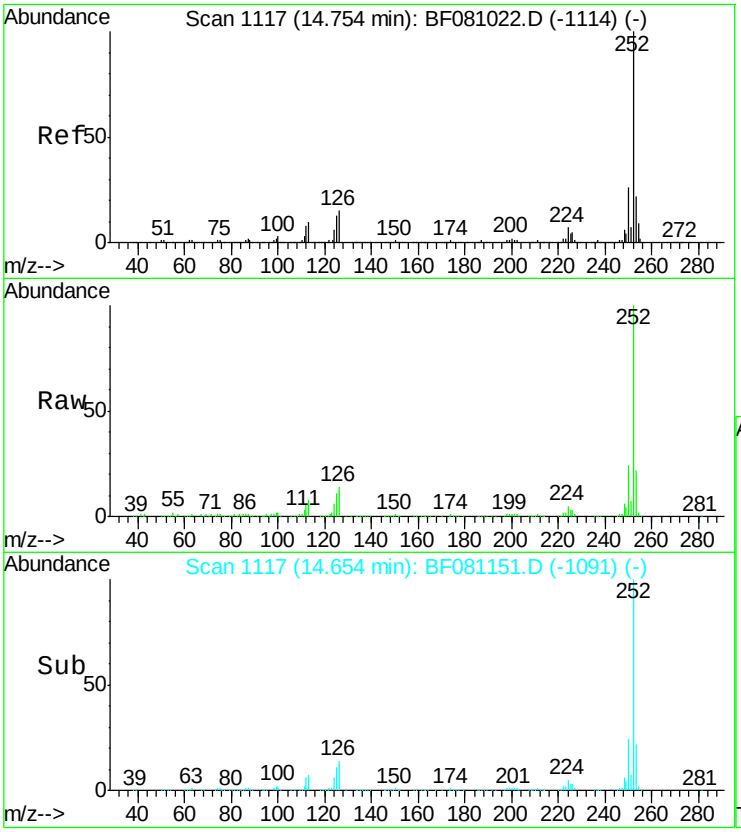


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:264 Resp: 124039

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.9	17.5	26.3



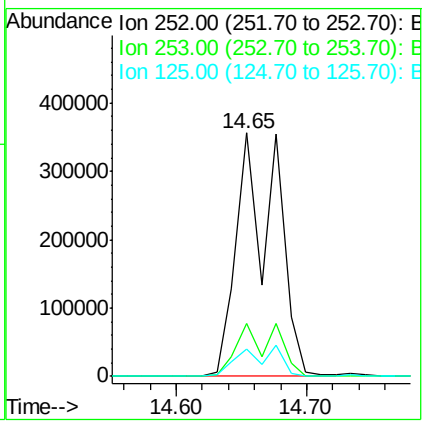


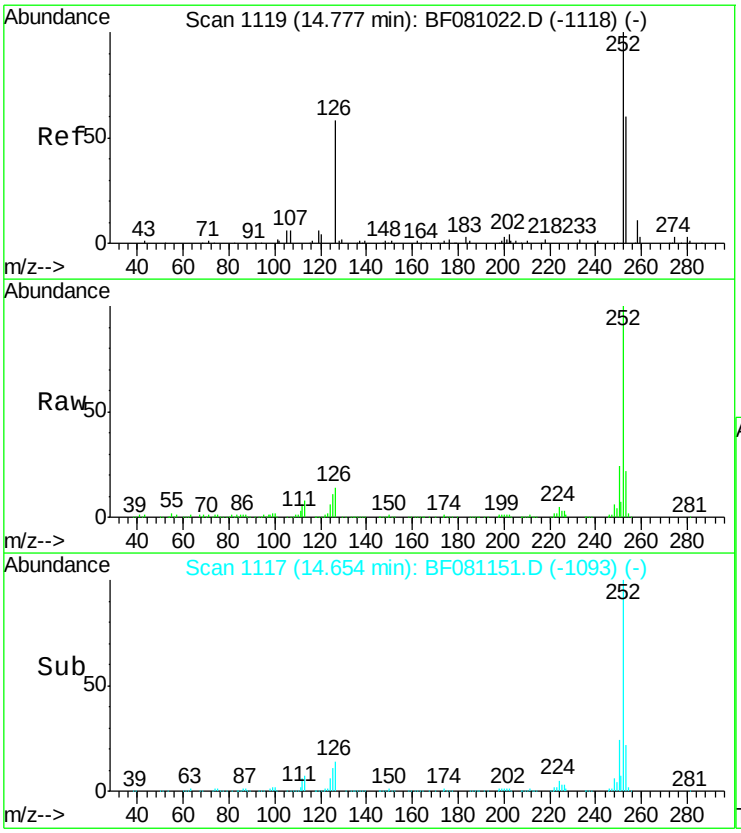
#87
Benzo(b)fluoranthene
Concen: 84.17 ng
RT: 14.65 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:252 Resp: 738535

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	11.1	8.0	12.0

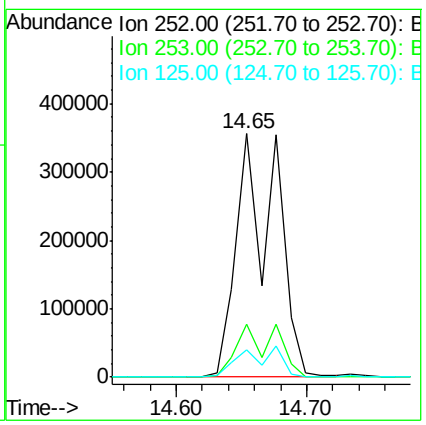


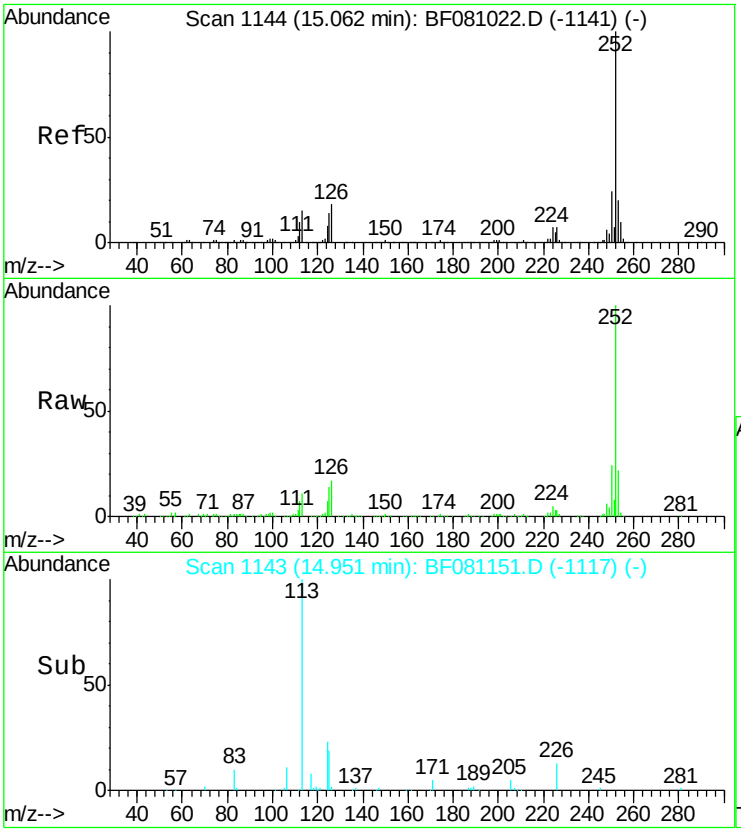


#88
Benzo(k)fluoranthene
Concen: 90.34 ng
RT: 14.65 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:252 Resp: 738535

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	11.1	10.3	15.5



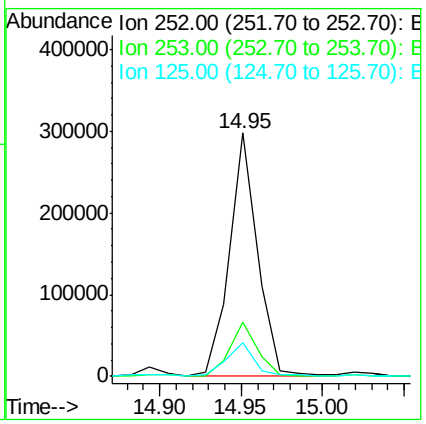


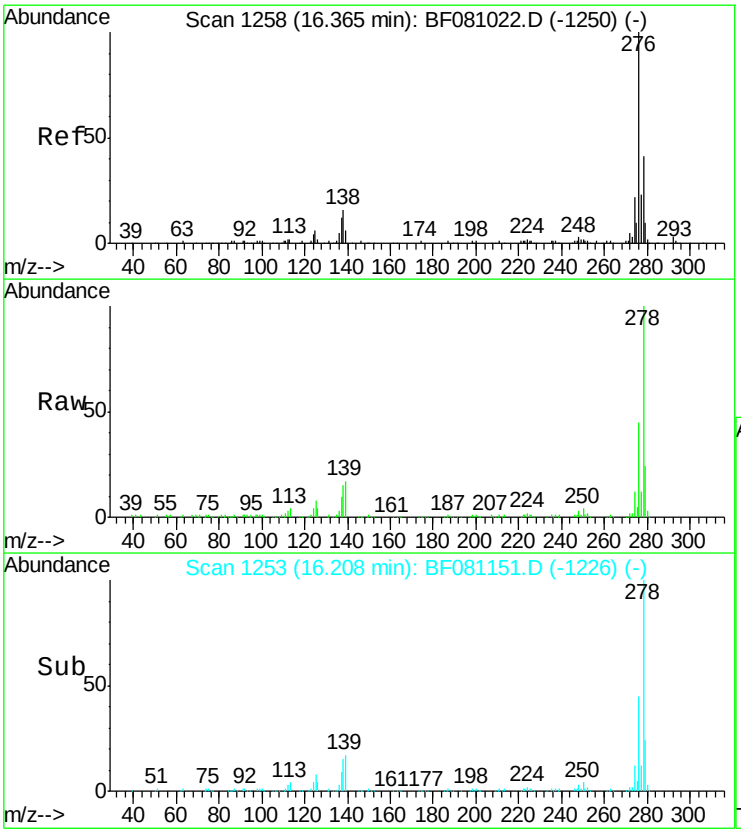
#89
Benzo(a)pyrene
Concen: 45.80 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:252 Resp: 350154

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	25.0
125	13.7	7.8	11.8#

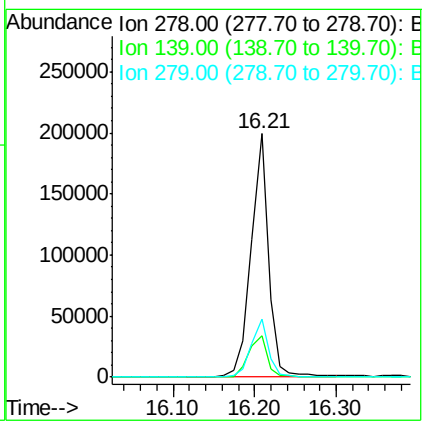


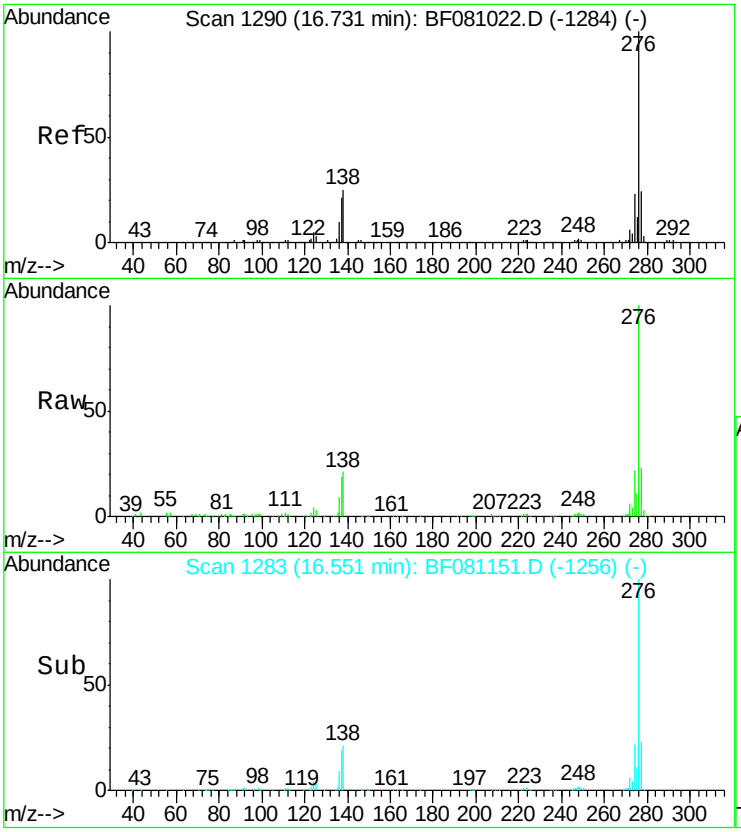


#90
Dibenzo(a,h)anthracene
Concen: 49.87 ng
RT: 16.21 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Tgt Ion:278 Resp: 297054

Ion	Ratio	Lower	Upper
278	100		
139	17.3	10.8	16.2#
279	23.8	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 48.41 ng
RT: 16.55 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF081151.D
Acq: 21 Aug 2015 18:11

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1AMSD

Tgt Ion:276 Resp: 292563

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.2	27.2
138	21.2	13.7	20.5#