Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075515.D
Acq On : 15 Nov 2014 1:17
Operator : TP / JJ
Sample : PB80189BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80189BSD

Quant Time: Nov 15 02:48:37 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	53502	20.00	ng		-0.02
21) Naphthalene-d8	9.13	136	225555	20.00	ng		-0.02
38) Acenaphthene-d10	11.32	164	116397	20.00	ng		-0.02
63) Phenanthrene-d10	13.16	188	191430	20.00	ng		-0.03
75) Chrysene-d12	16.46	240	205313	20.00	ng		-0.08
86) Perylene-d12	18.22	264	190561	20.00	ng		-0.22
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	253047	83.56	ng		-0.02
7) Phenol-d6	7.09	99	302536	83.07	ng		-0.02
23) Nitrobenzene-d5	8.24	82	278558	90.54	ng		-0.02
41) 2,4,6-Tribromophenol	12.29	330	74931	76.86	ng		-0.03
44) 2-Fluorobiphenyl	10.48	172	540122	83.85	ng		-0.01
78) Terphenyl-d14	15.16	244	597355	78.33	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	47593	37.43	ng		97
6) Aniline	7.13	93	83165	15.81	ng		98
8) 2-Chlorophenol	7.28	128	135953	38.79	ng		98
10) Phenol	7.11	94	179813	40.47	ng		84
11) bis(2-Chloroethyl)ether	7.24	93	140525	41.76	ng	#	80
12) 1,3-Dichlorobenzene	7.48	146	144917	37.94	ng		98
13) 1,4-Dichlorobenzene	7.57	146	145856	37.53	ng		98
14) 1,2-Dichlorobenzene	7.76	146	138893	38.12	ng	#	89
15) Benzyl Alcohol	7.73	79	111281	38.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.91	45	273972	39.33	ng		93
17) 2-Methylphenol	7.86	107	115068	39.65	ng		96
18) Hexachloroethane	8.17	117	50853	38.16	ng		92
19) n-Nitroso-di-n-propylamine	8.06	70	99883	40.25	ng		94
20) 3+4-Methylphenols	8.06	107	149141	39.25	ng		92
22) Acetophenone	8.06	105	196603	40.41	ng		99
24) Nitrobenzene	8.26	77	151969	42.62	ng		98
25) Isophorone	8.56	82	287048	40.87	ng		98
26) 2-Nitrophenol	8.65	139	63226	38.92	ng		97
27) 2,4-Dimethylphenol	8.71	122	126275	40.11	ng		100
28) bis(2-Chloroethoxy)methane	8.84	93	180446	42.15	ng		98
29) 2,4-Dichlorophenol	8.95	162	113129	41.01	ng		96
30) 1,2,4-Trichlorobenzene	9.06	180	111400	38.46	ng		98
31) Naphthalene	9.16	128	421842	41.95	ng		99
32) Benzoic acid	8.79	122	69679	36.63	ng		94
33) 4-Chloroaniline	9.22	127	54129	12.39	ng		99
34) Hexachlorobutadiene	9.32	225	58583	37.43	ng		98
35) Caprolactam	9.64	113	37614	41.15	ng		98
36) 4-Chloro-3-methylphenol	9.82	107	115453	38.15	ng		94
37) 2-Methylnaphthalene	10.01	142	273159	39.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	101750	42.53	ng		98
40) Hexachlorocyclopentadiene	10.21	237	122333	84.17	ng		98
42) 2,4,6-Trichlorophenol	10.37	196	73039	38.39	ng		97
43) 2,4,5-Trichlorophenol	10.41	196	76623	38.67	ng		96
45) 1,1'-Biphenyl	10.60	154	324015	41.27	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075515.D
Acq On : 15 Nov 2014 1:17
Operator : TP / JJ
Sample : PB80189BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB80189BSD

Quant Time: Nov 15 02:48:37 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	10.62	162	252843	41.19	ng		100
47) 2-Nitroaniline	10.75	65	81675	44.22	ng		88
48) Acenaphthylene	11.13	152	434633	42.94	ng		99
49) Dimethylphthalate	10.99	163	303004	38.08	ng		99
50) 2,6-Dinitrotoluene	11.05	165	65005	41.48	ng	#	82
51) Acenaphthene	11.35	154	277846	45.47	ng		98
52) 3-Nitroaniline	11.26	138	44717	24.20	ng	#	81
53) 2,4-Dinitrophenol	11.39	184	58842	70.64	ng		83
54) Dibenzofuran	11.57	168	363650	41.65	ng		93
55) 4-Nitrophenol	11.45	139	121708	82.39	ng		93
56) 2,4-Dinitrotoluene	11.56	165	87553	42.52	ng		92
57) Fluorene	11.99	166	289827	41.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	63687	40.49	ng		98
59) Diethylphthalate	11.87	149	298159	36.11	ng		96
60) 4-Chlorophenyl-phenylether	12.00	204	125099	41.20	ng	#	86
61) 4-Nitroaniline	12.01	138	75308	40.76	ng		83
62) Azobenzene	12.20	77	299126	41.18	ng		89
64) 4,6-Dinitro-2-methylphenol	12.05	198	38476	39.74	ng	#	56
65) n-Nitrosodiphenylamine	12.14	169	242934	40.12	ng		99
66) 4-Bromophenyl-phenylether	12.61	248	76426	42.44	ng	#	89
67) Hexachlorobenzene	12.68	284	85049	41.58	ng	#	82
68) Atrazine	12.81	200	75332	40.09	ng		96
69) Pentachlorophenol	12.92	266	103612	80.72	ng		96
70) Phenanthrene	13.19	178	446571	44.33	ng		99
71) Anthracene	13.26	178	457388	43.92	ng		98
72) Carbazole	13.45	167	424775	41.69	ng		99
73) Di-n-butylphthalate	13.90	149	510534	36.27	ng		100
74) Fluoranthene	14.67	202	464090	43.01	ng		98
76) Benzidine	14.84	184	135376	20.74	ng		98
77) Pyrene	14.95	202	473834	39.70	ng		99
79) Butylbenzylphthalate	15.76	149	227264	33.90	ng	#	80
80) Benzo(a)anthracene	16.45	228	449612	41.68	ng		98
81) 3,3'-Dichlorobenzidine	16.41	252	67967	17.07	ng	#	97
82) Chrysene	16.49	228	412005	44.17	ng		99
83) Bis(2-ethylhexyl)phthalate	16.48	149	329351	31.19	ng	#	99
87) Benzo(b)fluoranthene	17.76	252	444838	43.66	ng	#	93
88) Benzo(k)fluoranthene	17.79	252	413361	45.21	ng		97
89) Benzo(a)pyrene	18.15	252	420826	46.16	ng		98
90) Dibenzo(a,h)anthracene	19.82	278	424540	44.59	ng		98
91) Benzo(g,h,i)perylene	20.25	276	423405	46.68	ng		99

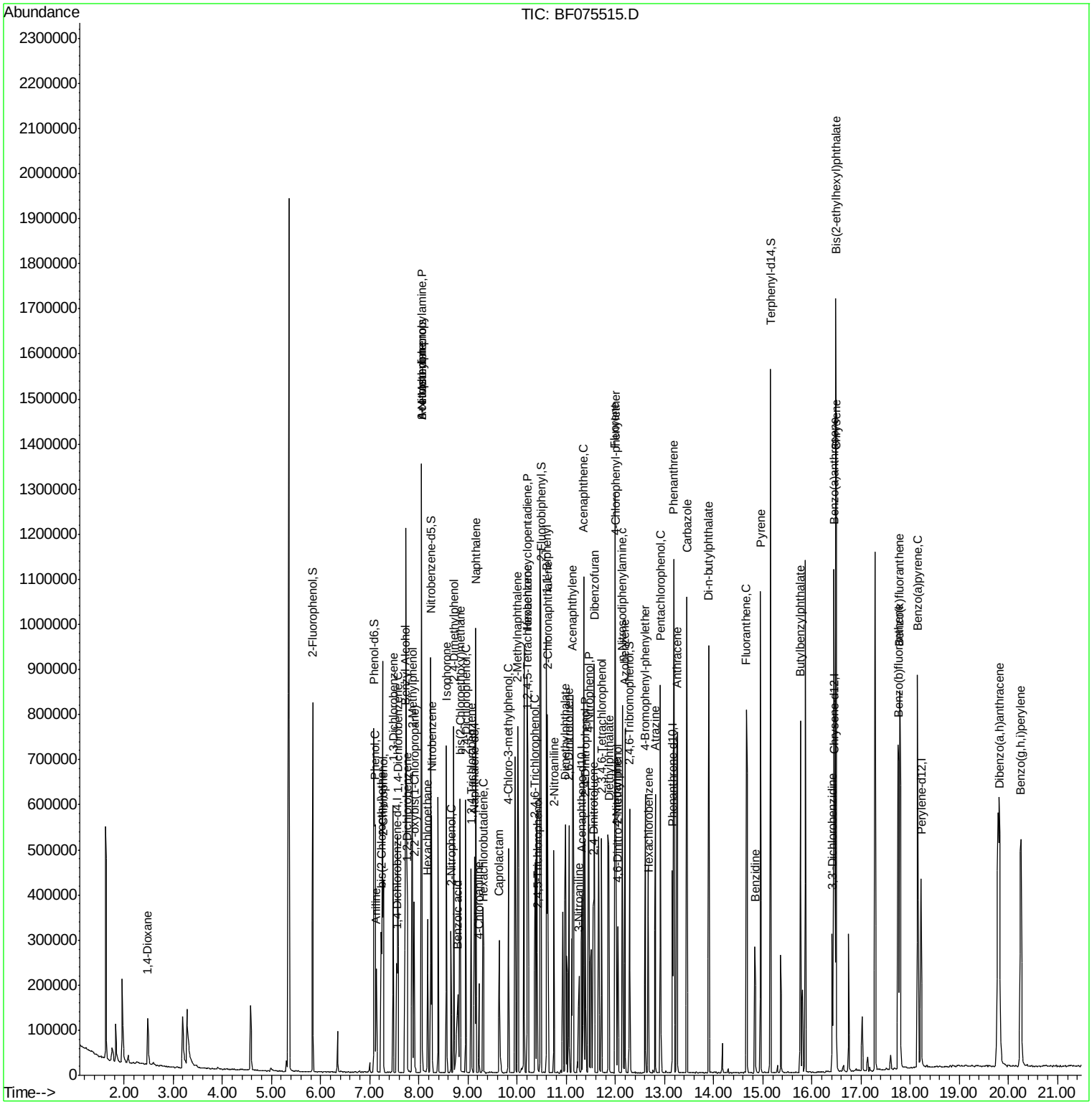
(#) = qualifier out of range (m) = manual integration (+) = signals summed

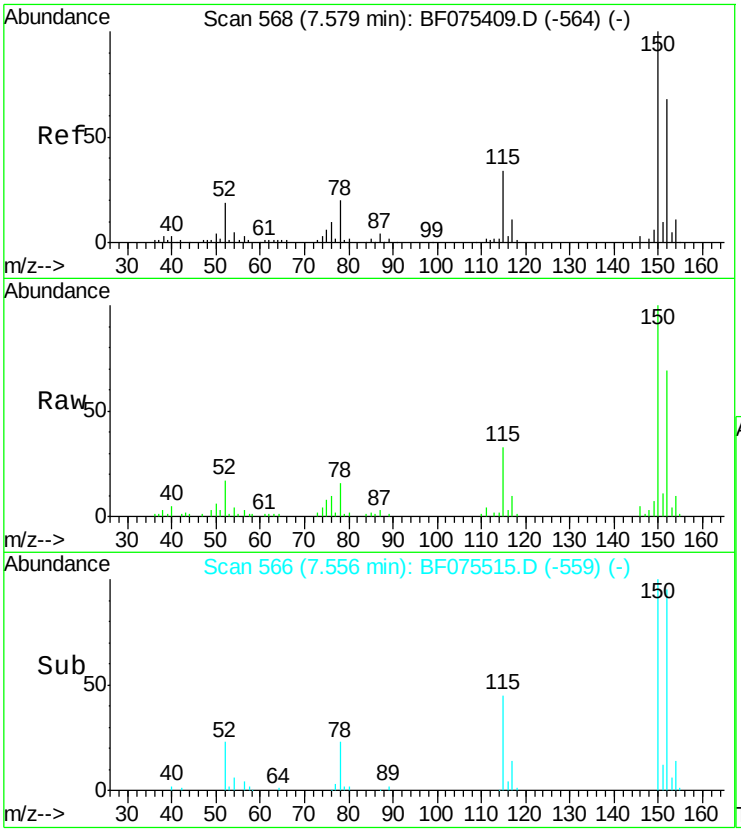
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075515.D
Acq On : 15 Nov 2014 1:17
Operator : TP / JJ
Sample : PB80189BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Quant Time: Nov 15 02:48:37 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 18:46:55 2014
Response via : Initial Calibration



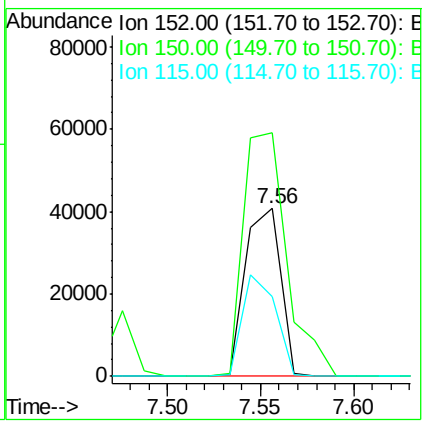


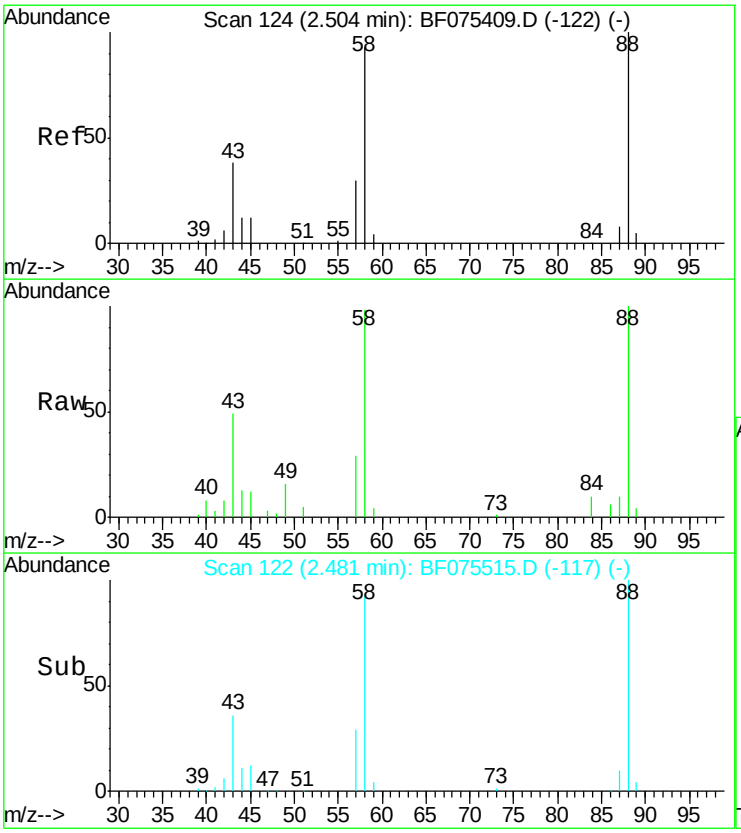
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:152 Resp: 53502

Ion	Ratio	Lower	Upper
152	100		
150	145.3	127.2	190.8
115	47.3	57.1	85.7#

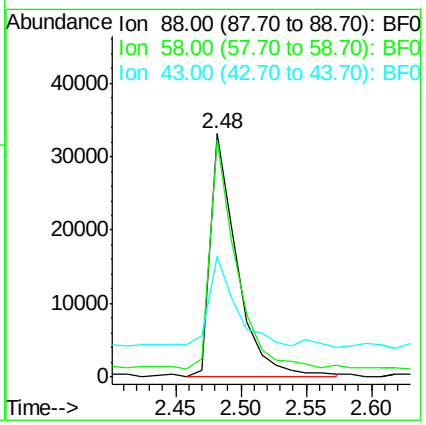


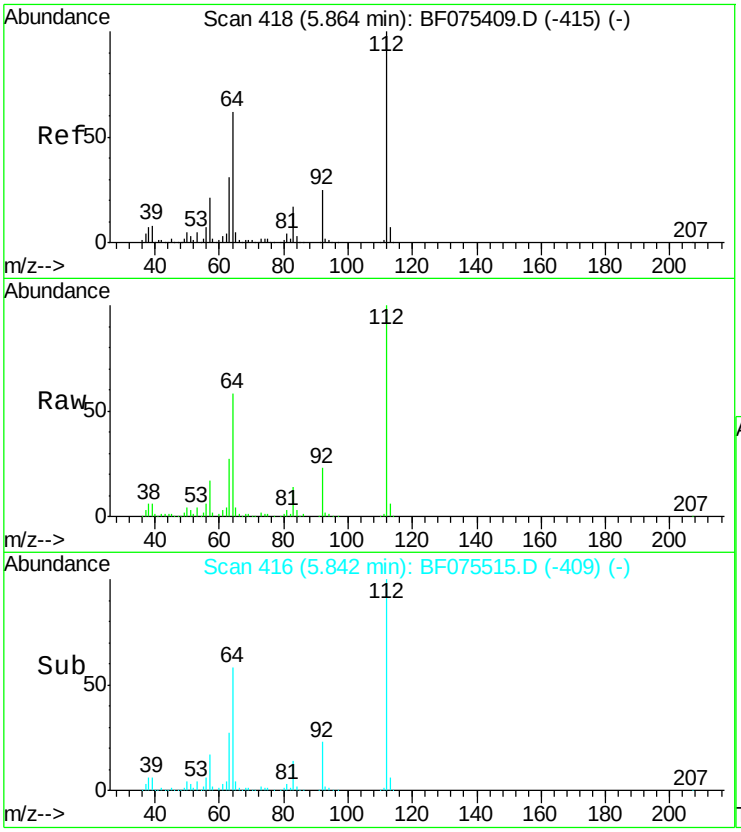


#2
1,4-Dioxane
Concen: 37.43 ng
RT: 2.48 min Scan# 122
Delta R.T. -0.05 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 88 Resp: 47593

Ion	Ratio	Lower	Upper
88	100		
58	90.3	73.5	110.3
43	35.4	31.9	47.9



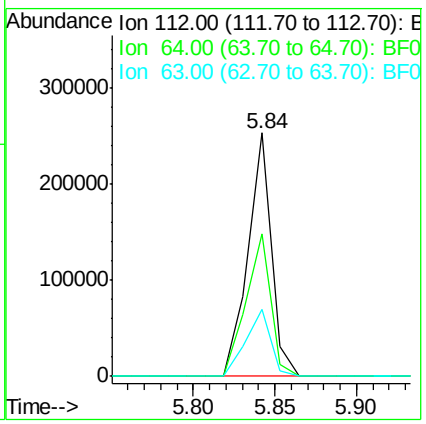


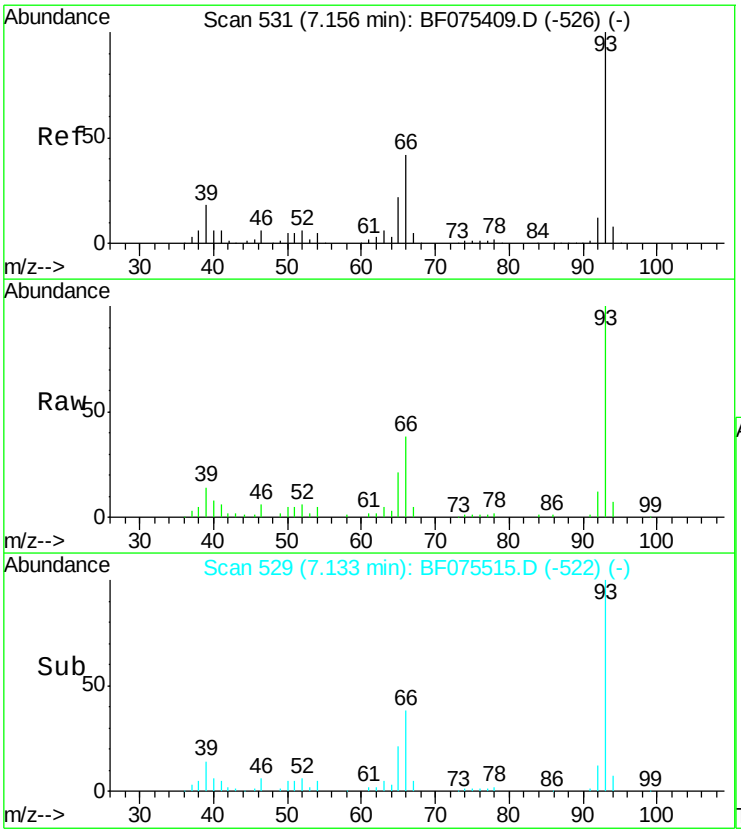
#5
2-Fluorophenol
Concen: 83.56 ng
RT: 5.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:112 Resp: 253047

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.8	68.6
63	27.4	22.7	34.1

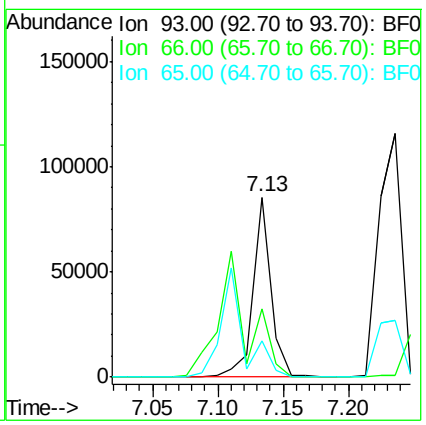


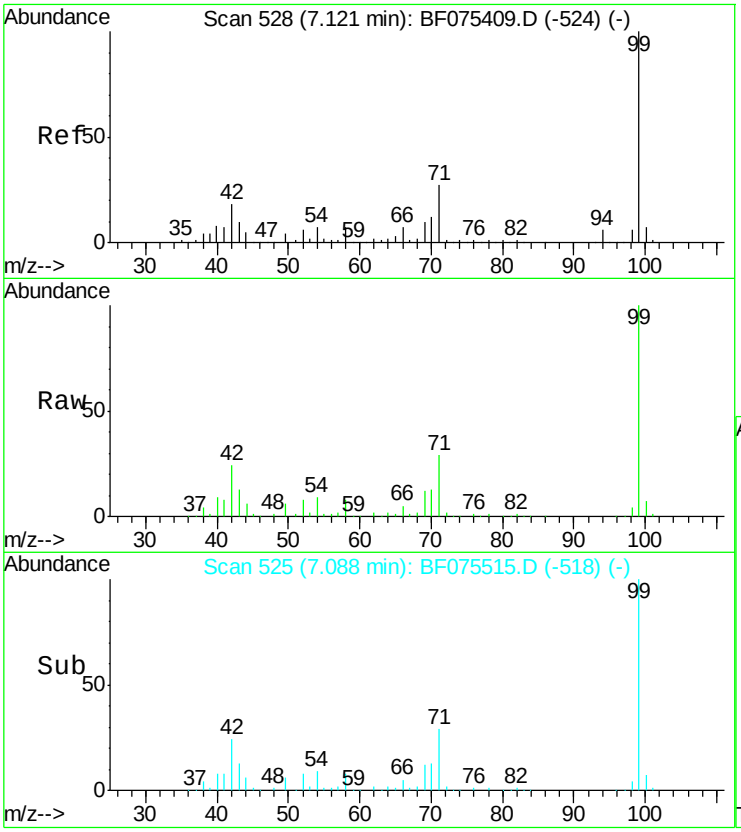


#6
Aniline
Concen: 15.81 ng
RT: 7.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 93 Resp: 83165

Ion	Ratio	Lower	Upper
93	100		
66	37.7	31.8	47.8
65	20.5	16.6	25.0



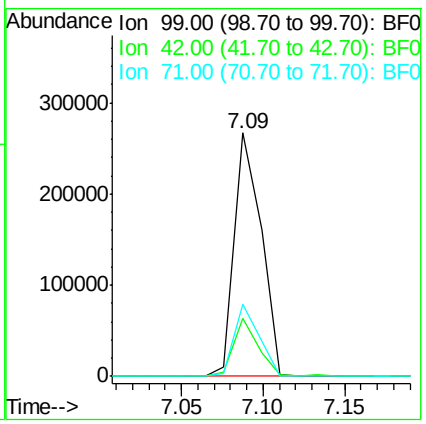


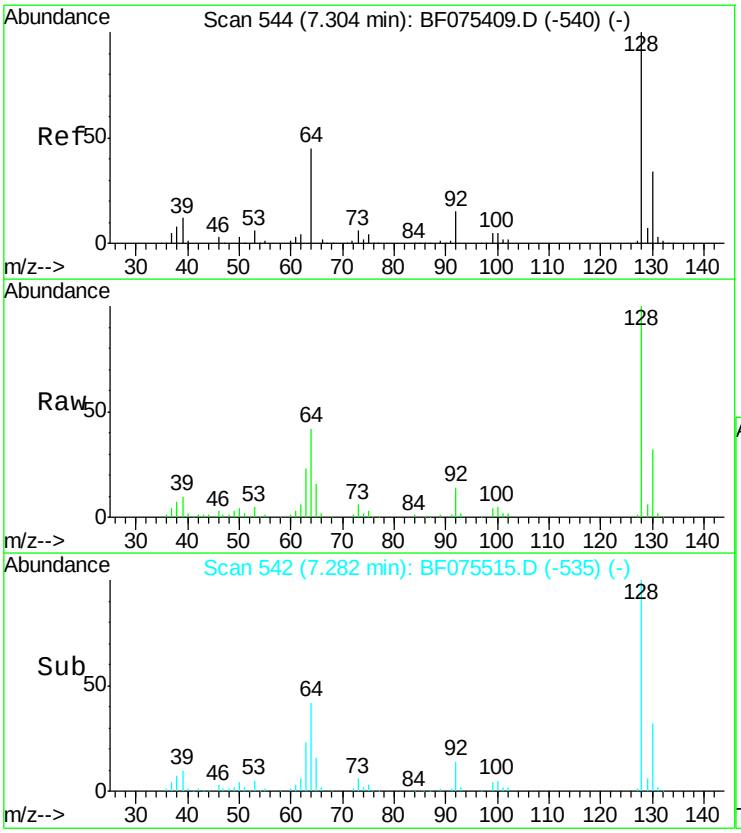
#7
Phenol-d6
Concen: 83.07 ng
RT: 7.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion: 99 Resp: 302536

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.8	29.6
71	29.4	25.5	38.3

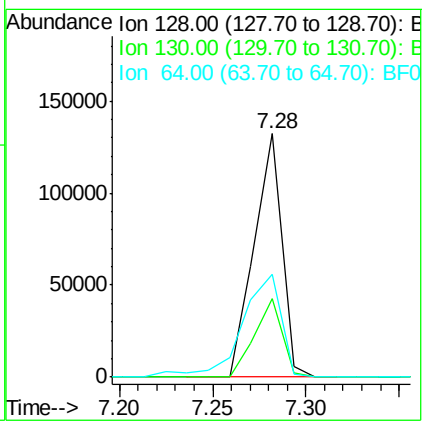


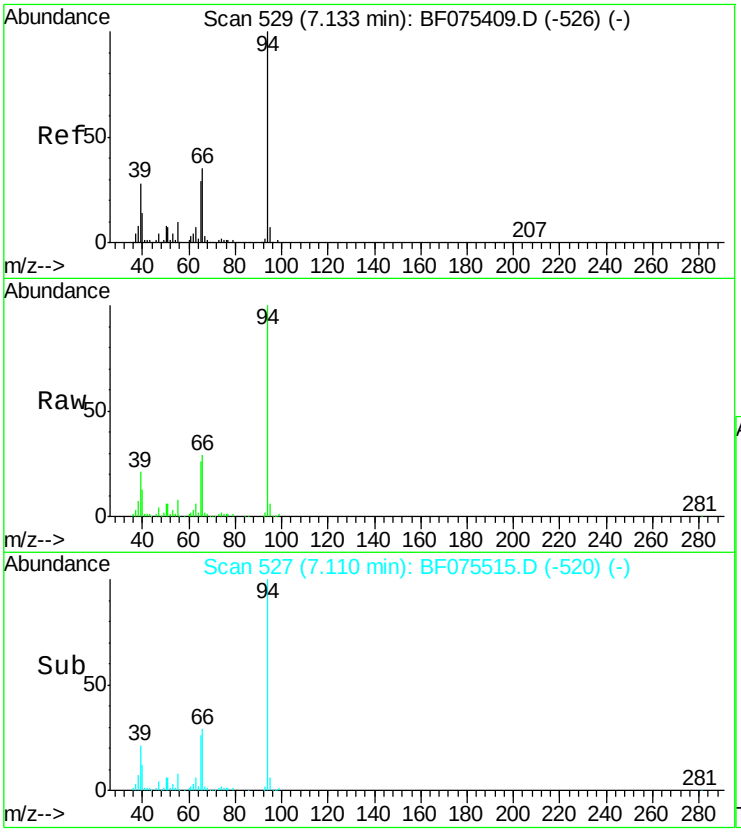


#8
2-Chlorophenol
Concen: 38.79 ng
RT: 7.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:128 Resp: 135953

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	42.4	20.3	60.3



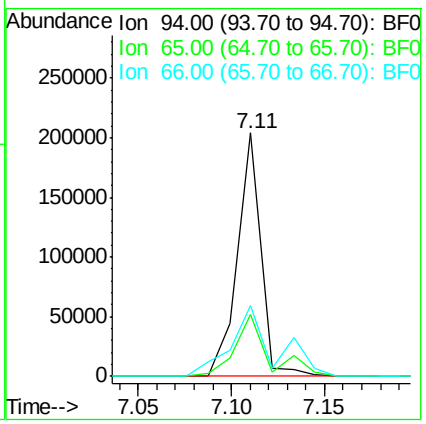


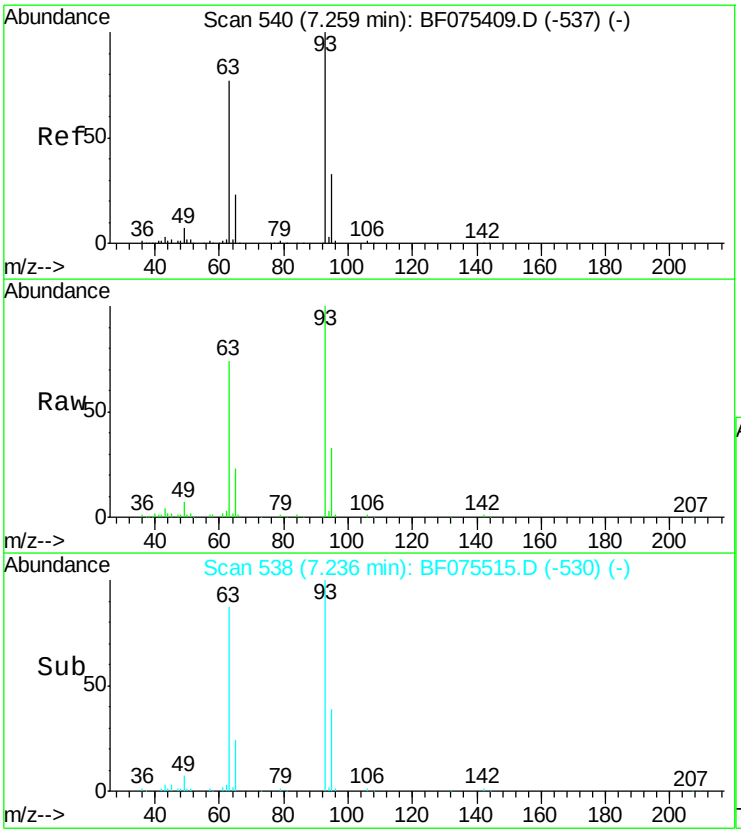
#10
Phenol
Concen: 40.47 ng
RT: 7.11 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion: 94 Resp: 179813

Ion	Ratio	Lower	Upper
94	100		
65	25.6	13.1	53.1
66	29.3	20.8	60.8

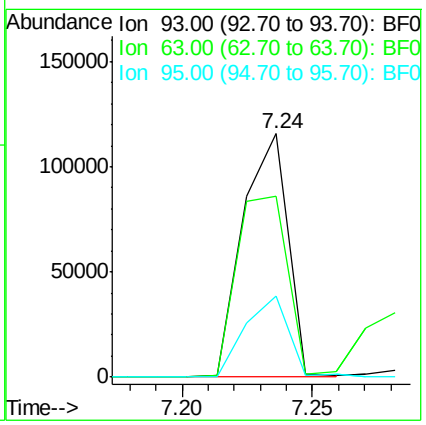


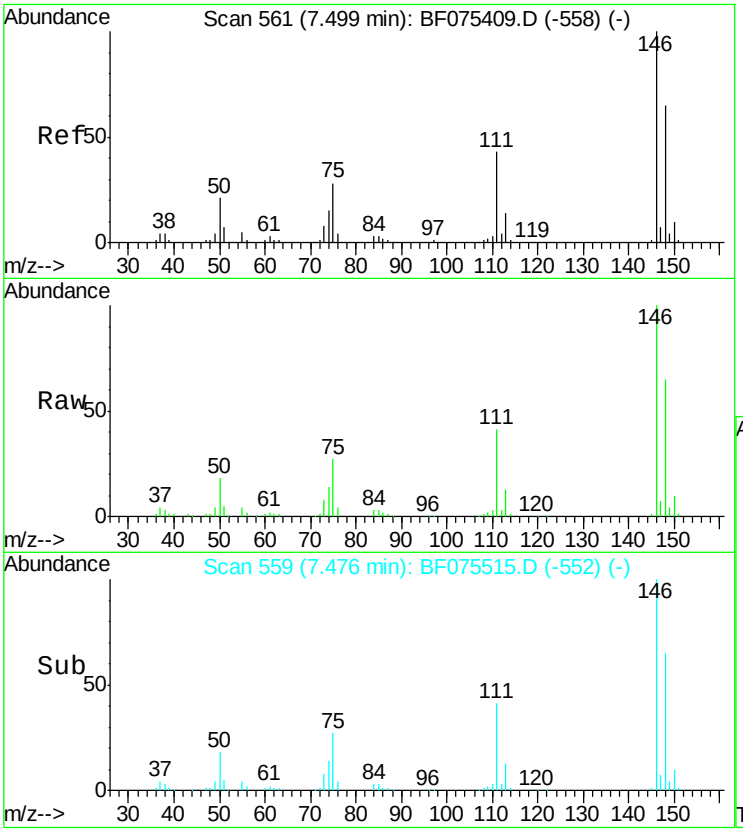


#11
bis(2-Chloroethyl)ether
Concen: 41.76 ng
RT: 7.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 93 Resp: 140525

Ion	Ratio	Lower	Upper
93	100		
63	74.1	79.8	119.8#
95	33.2	11.2	51.2



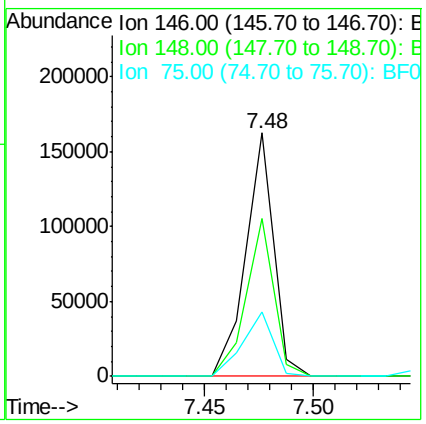


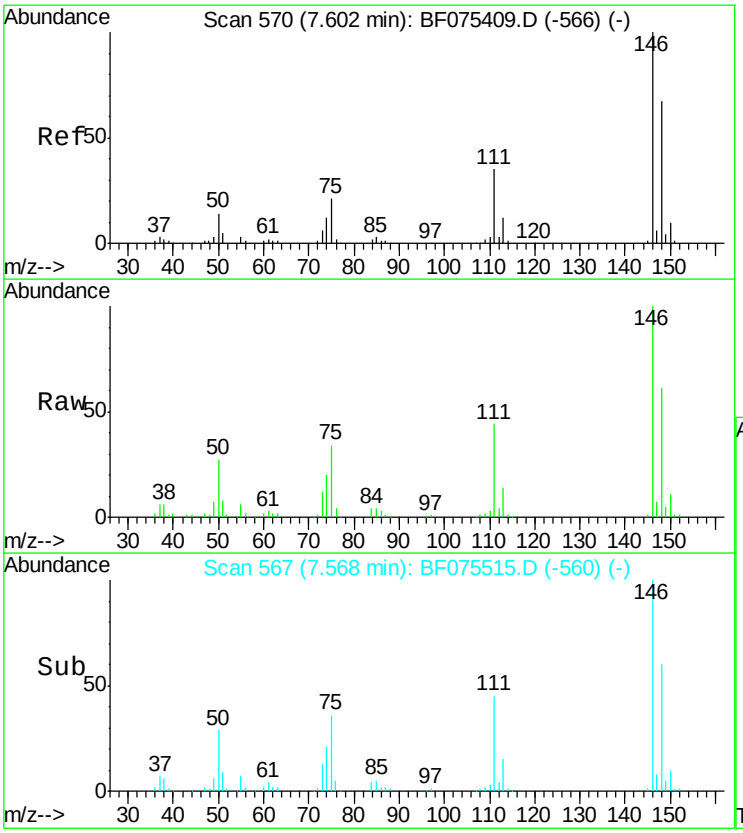
#12
1,3-Dichlorobenzene
Concen: 37.94 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:146 Resp: 144917

Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.1	79.7
75	26.7	21.5	32.3

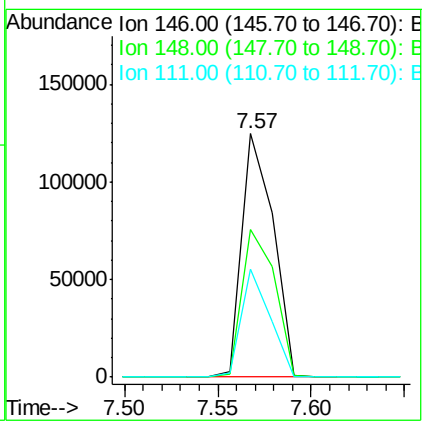


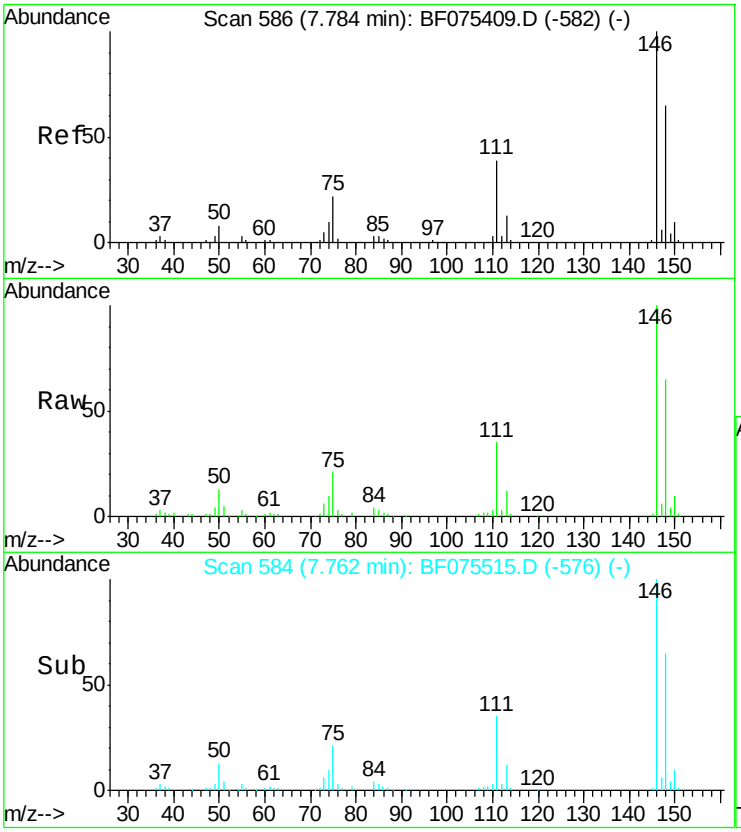


#13
1,4-Dichlorobenzene
Concen: 37.53 ng
RT: 7.57 min Scan# 567
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:146 Resp: 145856

Ion	Ratio	Lower	Upper
146	100		
148	60.8	49.9	74.9
111	44.2	35.8	53.6



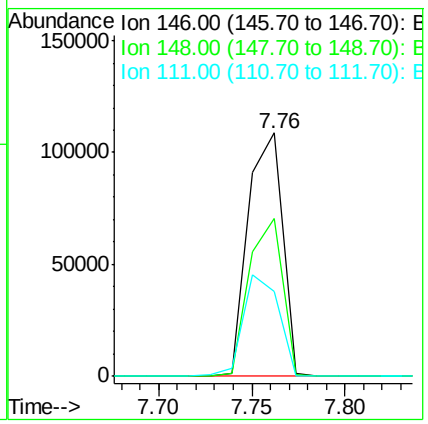


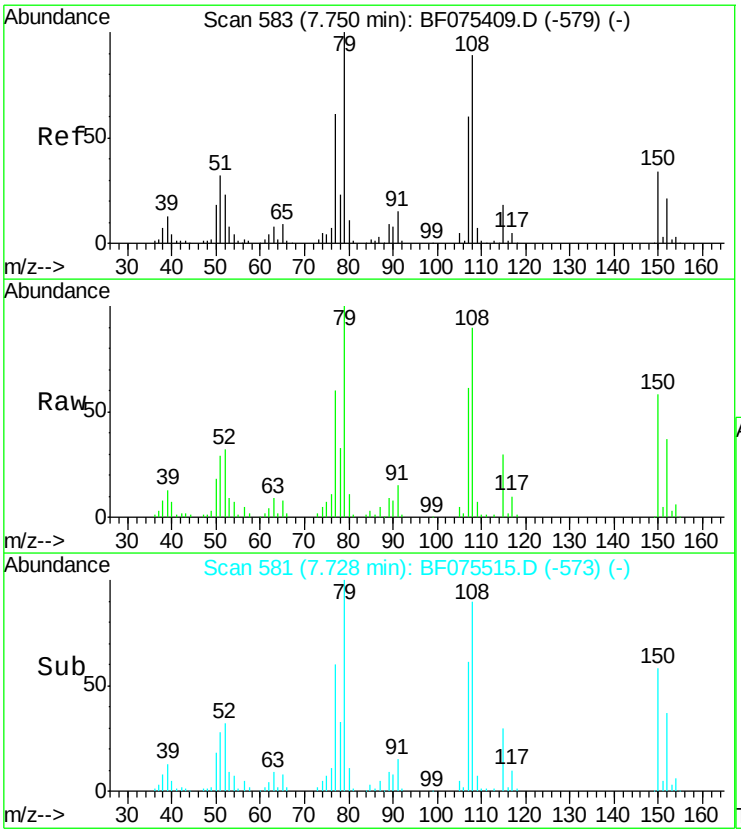
#14
1,2-Dichlorobenzene
Concen: 38.12 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:146 Resp: 138893

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
111	35.0	39.9	59.9#

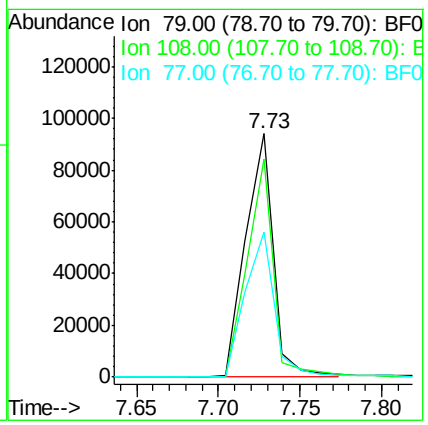


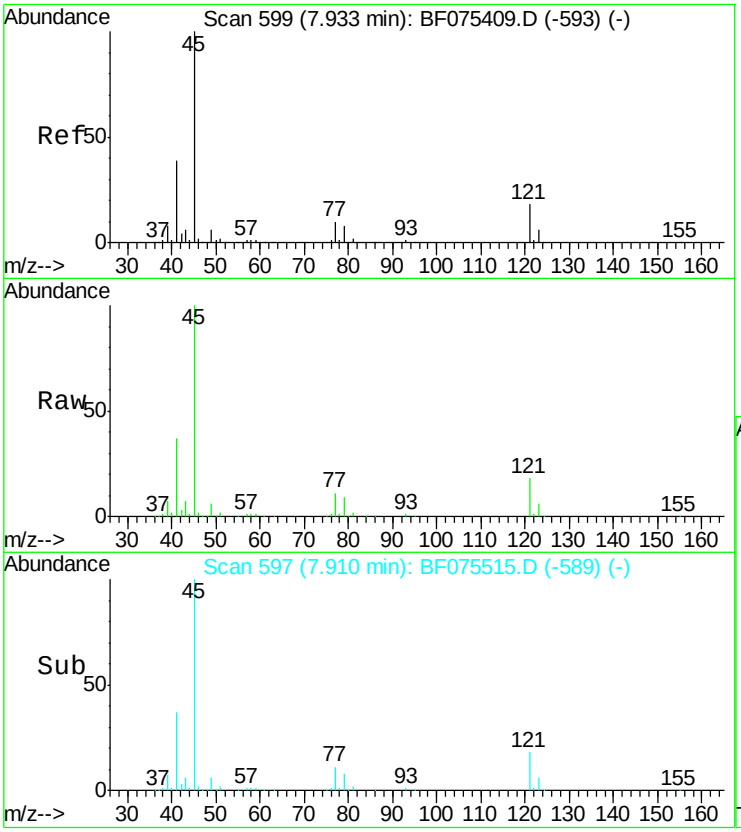


#15
Benzyl Alcohol
Concen: 38.92 ng
RT: 7.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 79 Resp: 111281

Ion	Ratio	Lower	Upper
79	100		
108	89.6	75.5	113.3
77	59.7	52.1	78.1



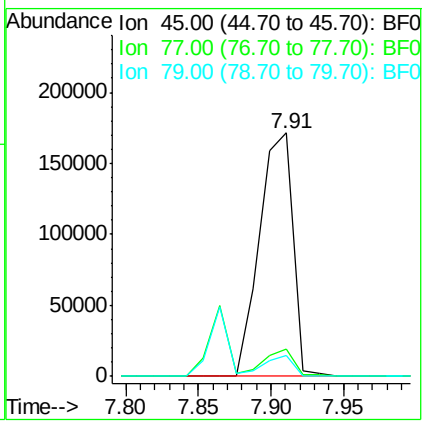


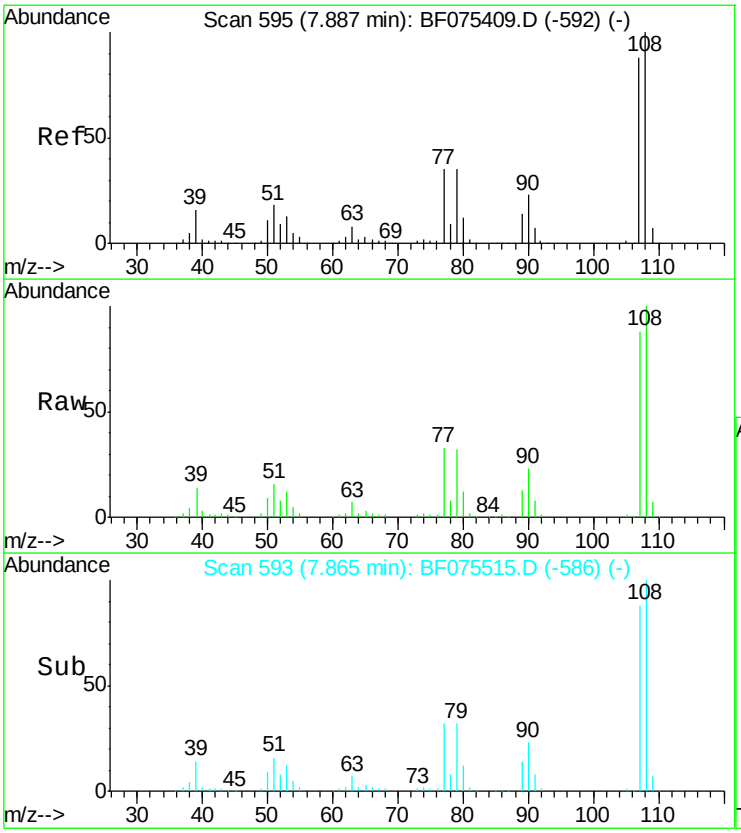
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.33 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion: 45 Resp: 273972

Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	28.6
79	8.5	0.0	26.5

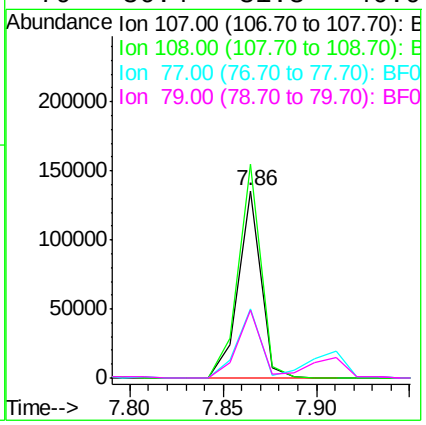


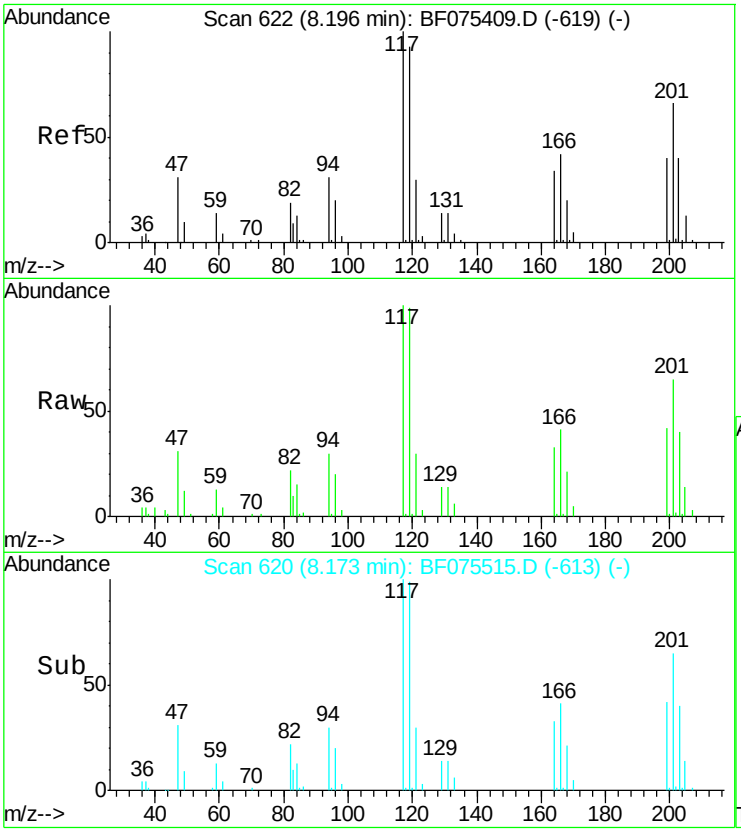


#17
2-Methylphenol
Concen: 39.65 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:107 Resp: 115068

Ion	Ratio	Lower	Upper
107	100		
108	114.1	95.6	143.4
77	37.1	30.2	45.4
79	36.4	31.3	46.9



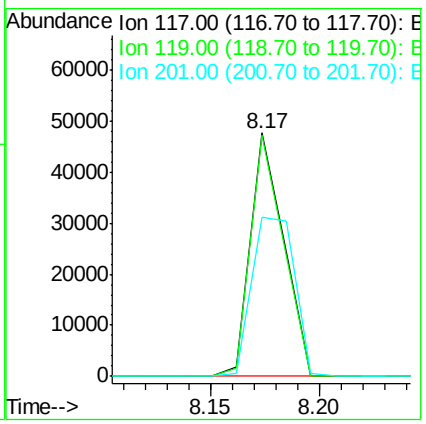


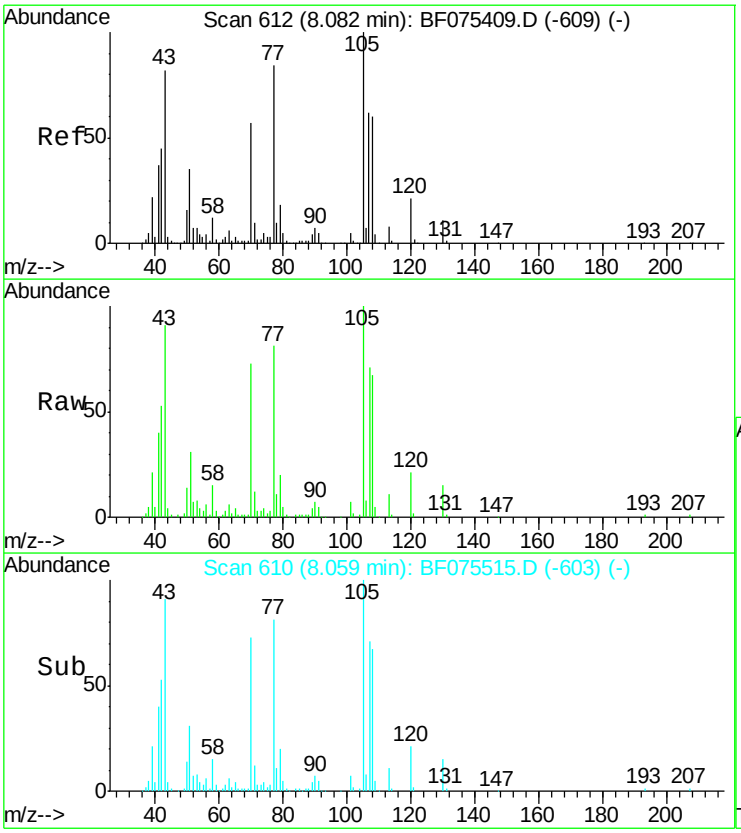
#18
Hexachloroethane
Concen: 38.16 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:117 Resp: 50853

Ion	Ratio	Lower	Upper
117	100		
119	99.1	72.9	109.3
201	65.3	48.2	72.4

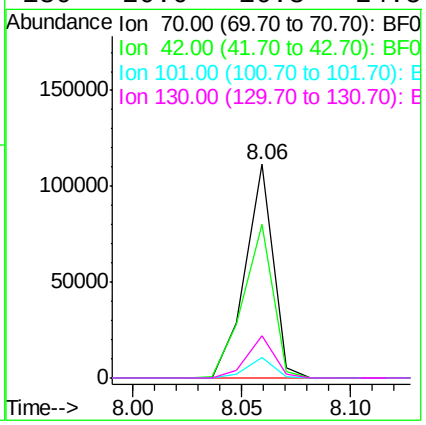


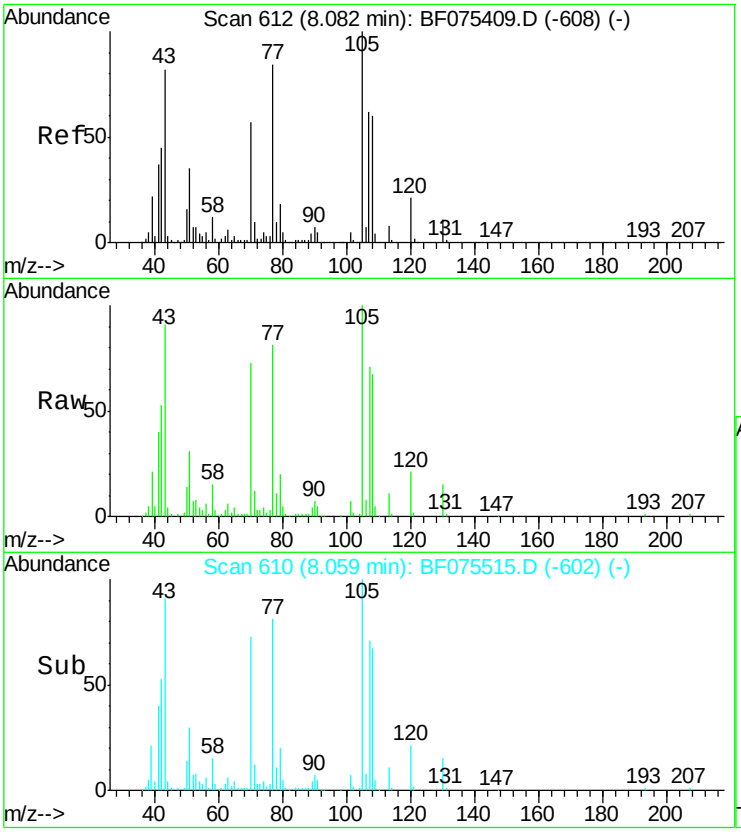


#19
n-Nitroso-di-n-propylamine
Concen: 40.25 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 70 Resp: 99883

Ion	Ratio	Lower	Upper
70	100		
42	71.9	63.0	94.6
101	9.6	7.5	11.3
130	20.0	16.3	24.5



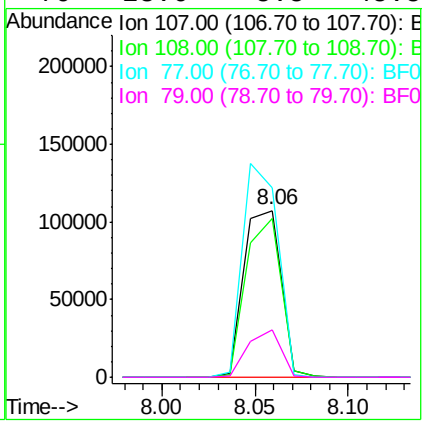


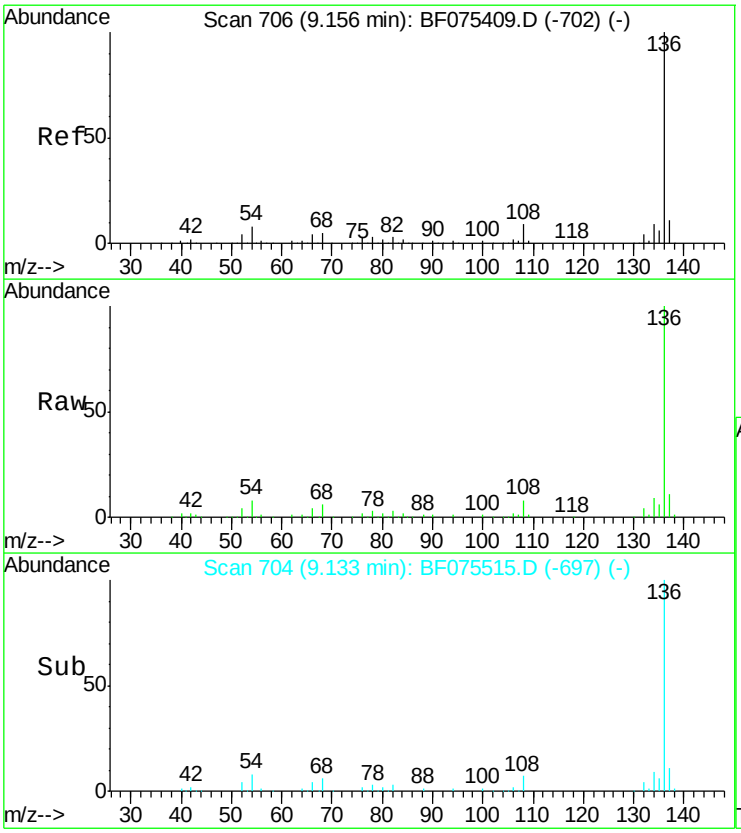
#20
3+4-Methylphenols
Concen: 39.25 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:107 Resp: 149141

Ion	Ratio	Lower	Upper
107	100		
108	95.4	69.6	109.6
77	114.0	84.4	124.4
79	28.6	5.5	45.5

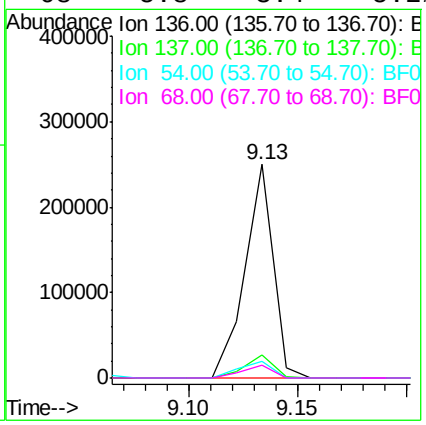


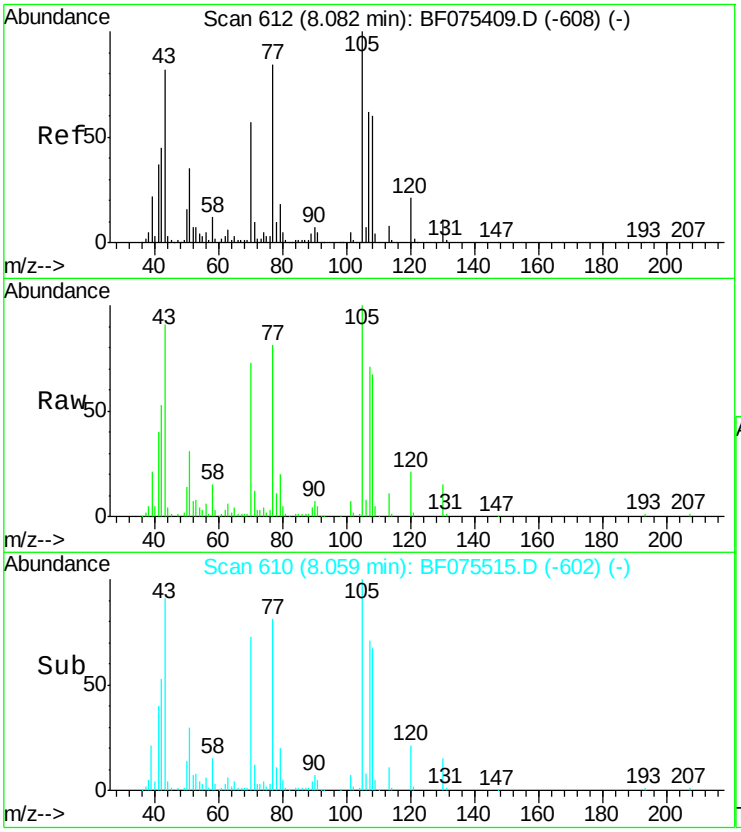


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:136 Resp: 225555

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	7.8	6.2	9.4
68	5.8	3.4	5.2#



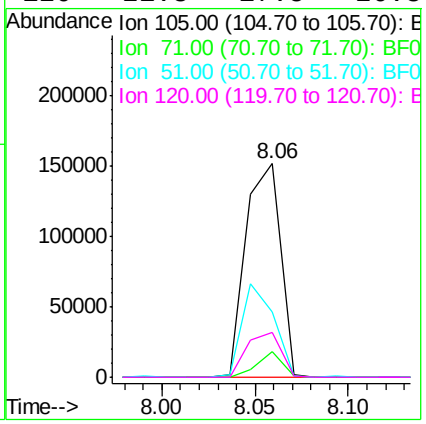


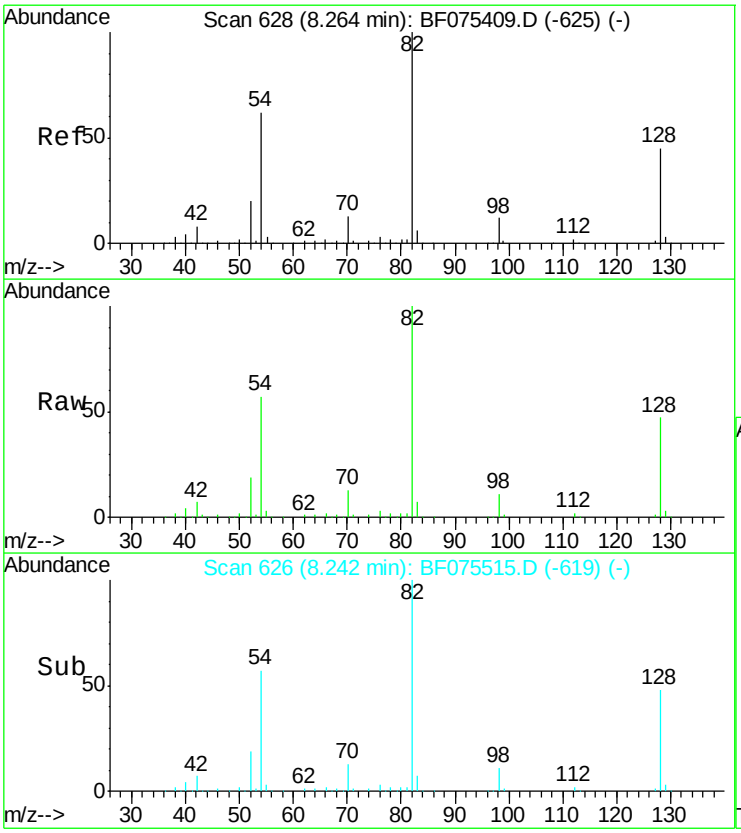
#22
Acetophenone
Concen: 40.41 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:105 Resp: 196603

Ion	Ratio	Lower	Upper
105	100		
71	12.1	10.5	15.7
51	30.8	24.2	36.2
120	21.3	17.5	26.3

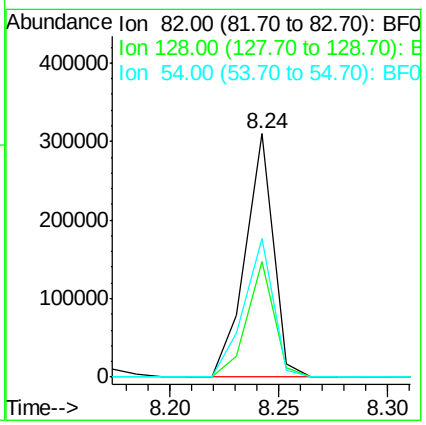


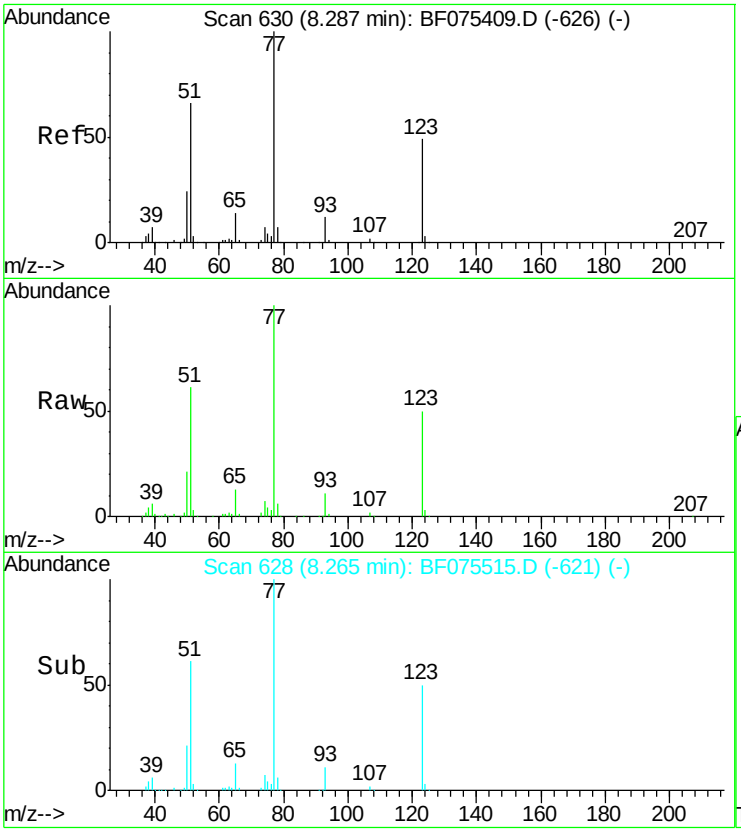


#23
Nitrobenzene-d5
Concen: 90.54 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 82 Resp: 278558

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.8	56.6
54	56.8	49.8	74.8



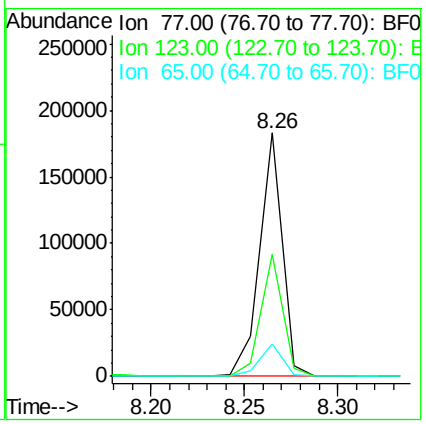


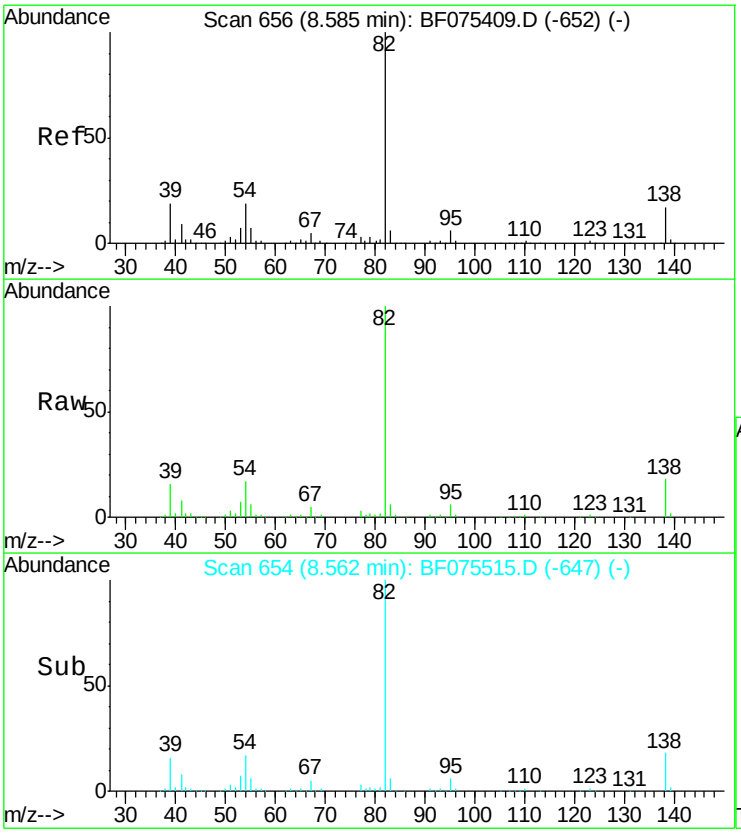
#24
Nitrobenzene
Concen: 42.62 ng
RT: 8.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion: 77 Resp: 151969

Ion	Ratio	Lower	Upper
77	100		
123	50.3	39.0	58.4
65	13.2	10.6	15.8

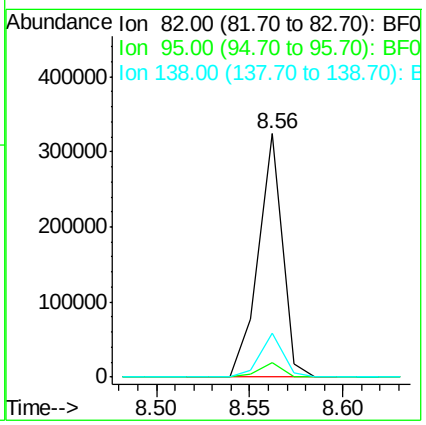


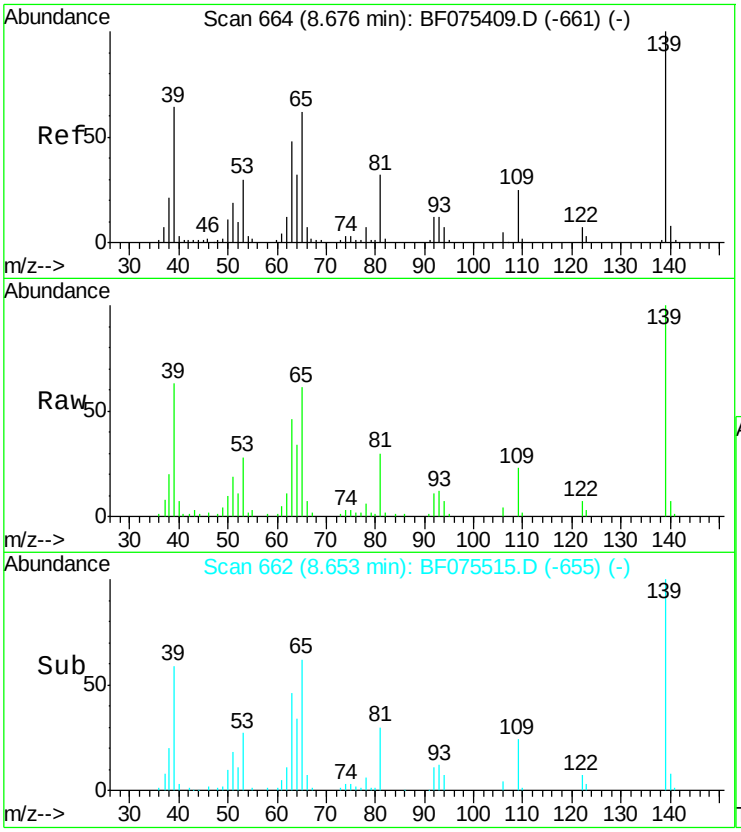


#25
Isophorone
Concen: 40.87 ng
RT: 8.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 82 Resp: 287048

Ion	Ratio	Lower	Upper
82	100		
95	5.9	5.2	7.8
138	18.0	15.0	22.6



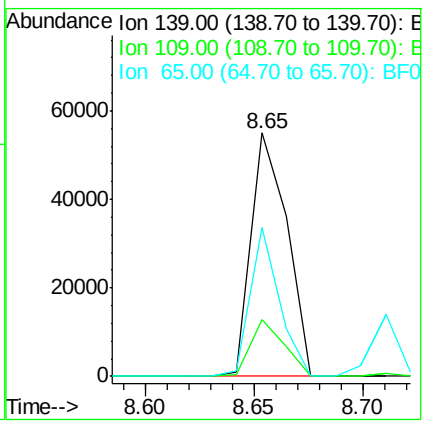


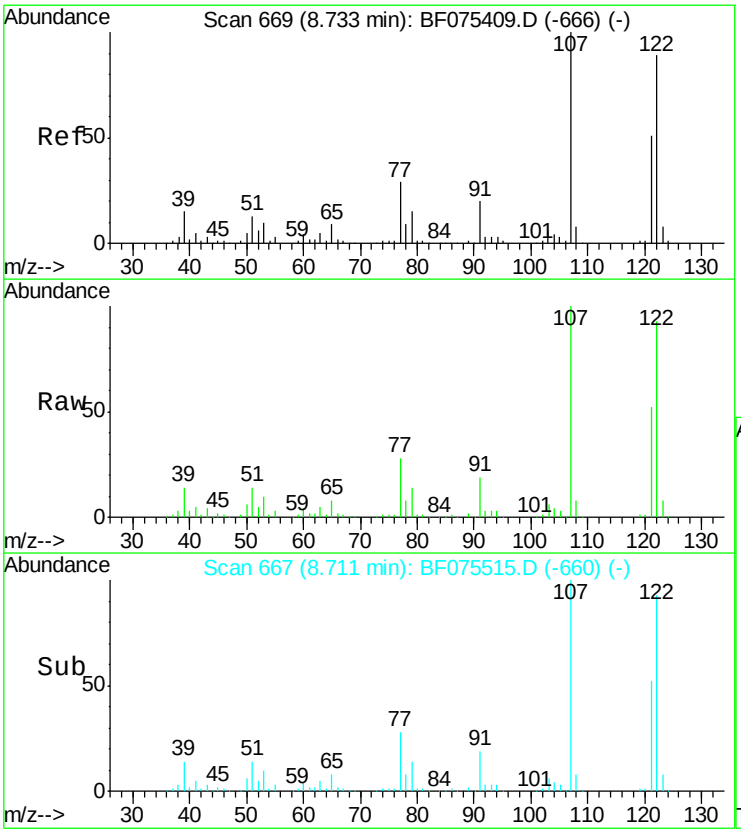
#26
2-Nitrophenol
Concen: 38.92 ng
RT: 8.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:139 Resp: 63226

Ion	Ratio	Lower	Upper
139	100		
109	23.5	22.3	33.5
65	61.3	49.1	73.7

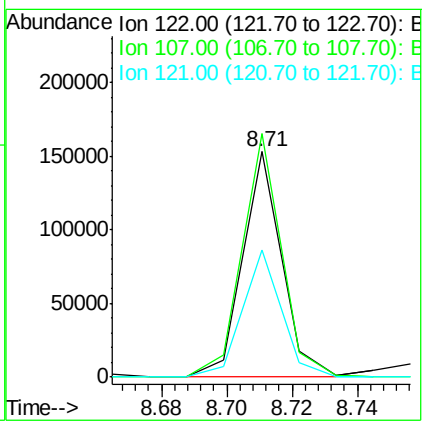


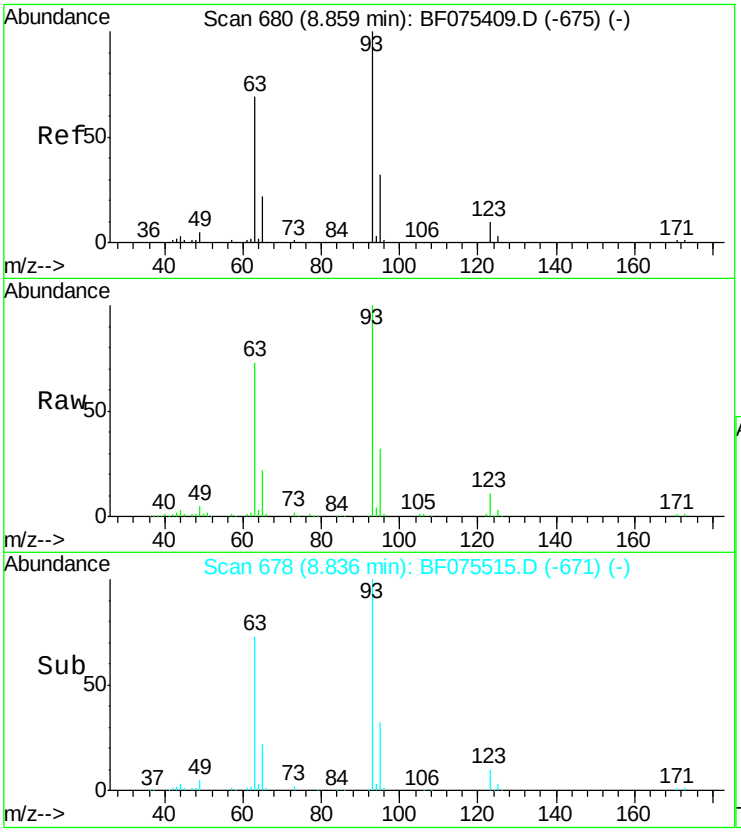


#27
2,4-Dimethylphenol
Concen: 40.11 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:122 Resp: 126275

Ion	Ratio	Lower	Upper
122	100		
107	107.9	86.5	129.7
121	56.4	45.4	68.2



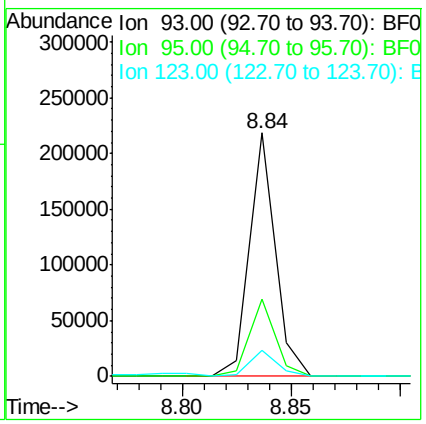


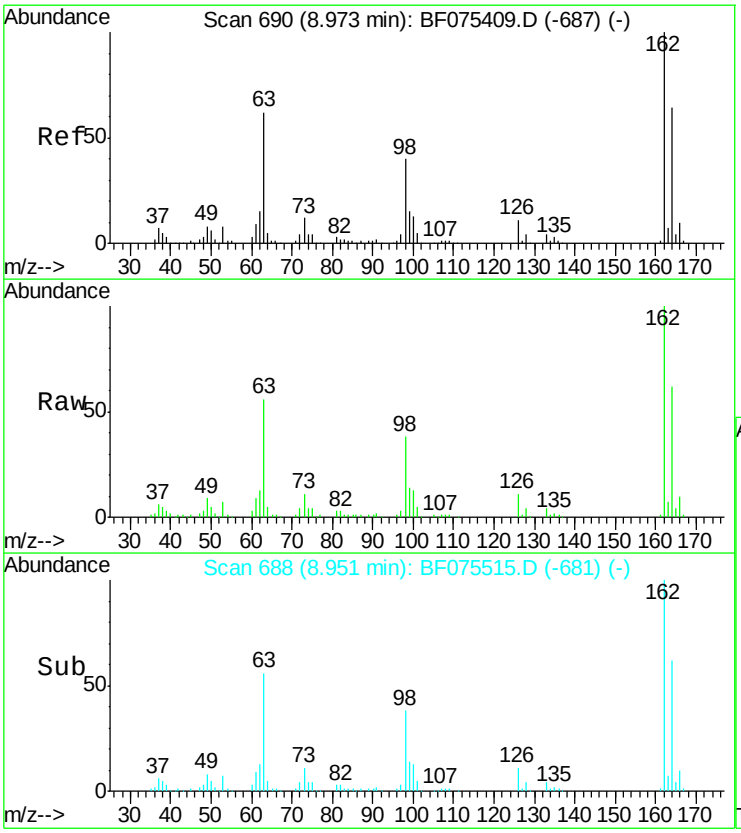
#28
bis(2-Chloroethoxy)methane
Concen: 42.15 ng
RT: 8.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion: 93 Resp: 180446

Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.4
123	10.6	8.8	13.2

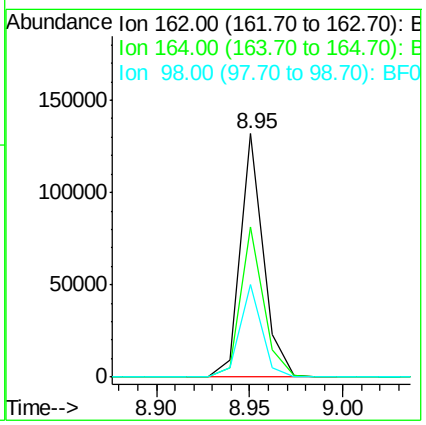


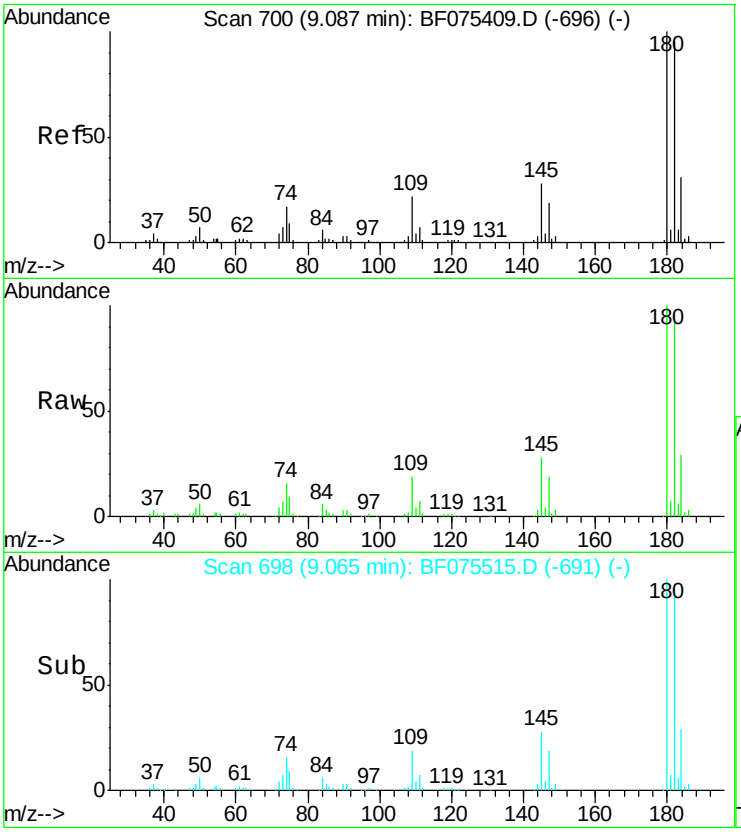


#29
2,4-Dichlorophenol
Concen: 41.01 ng
RT: 8.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:162 Resp: 113129

Ion	Ratio	Lower	Upper
162	100		
164	61.8	43.8	83.8
98	38.2	14.6	54.6



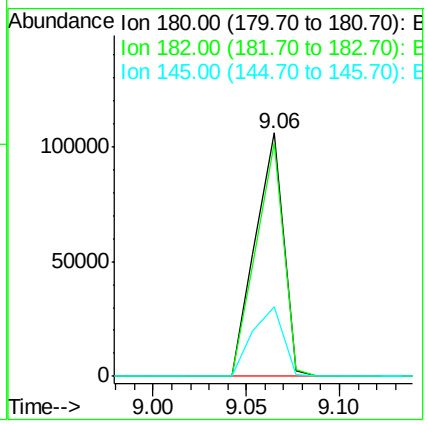


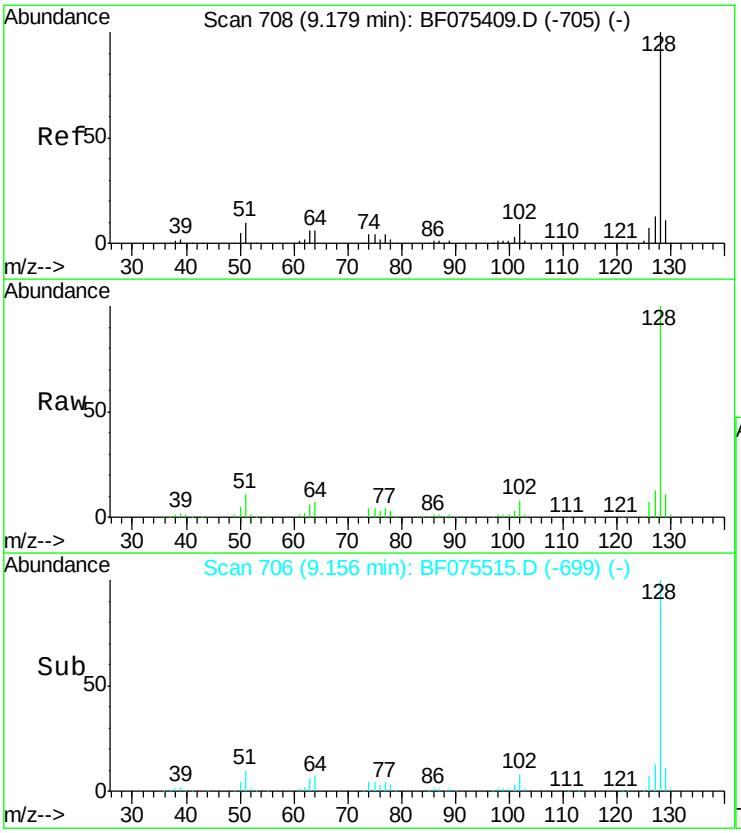
#30
1,2,4-Trichlorobenzene
Concen: 38.46 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:180 Resp: 111400

Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.4	117.6
145	28.4	22.3	33.5

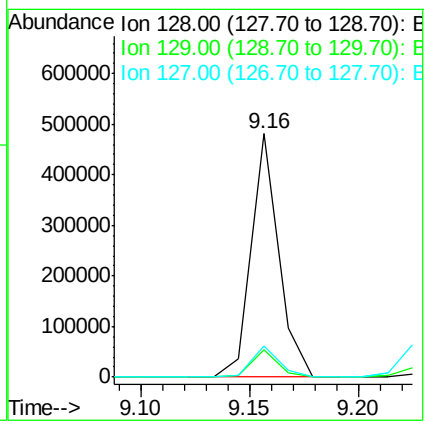


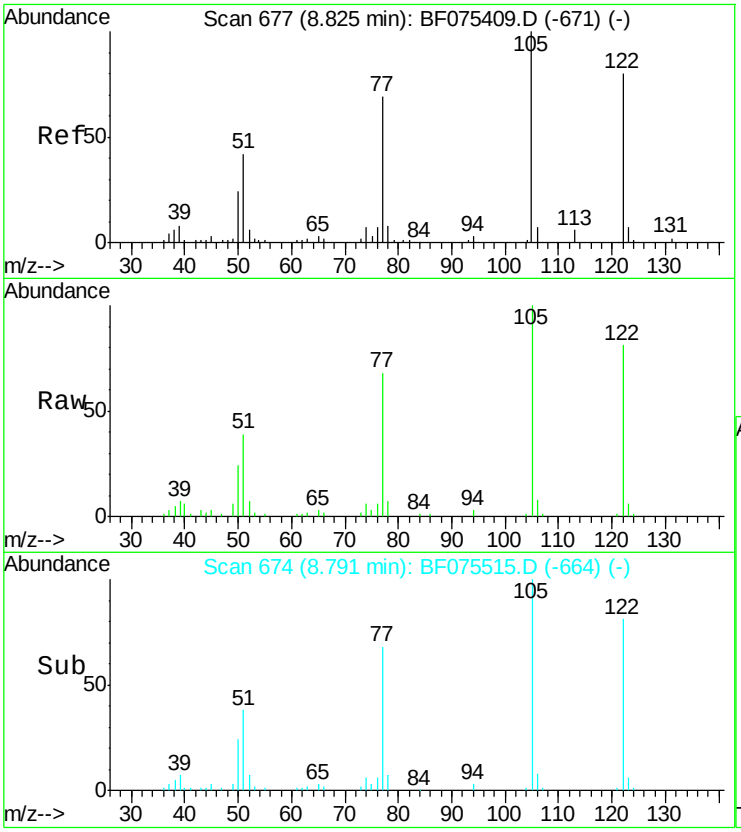


#31
Naphthalene
Concen: 41.95 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:128 Resp: 421842

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.5	10.2	15.4



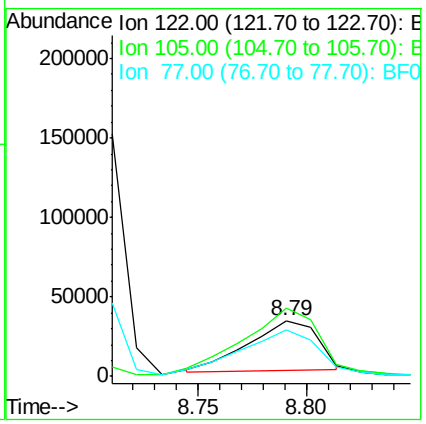


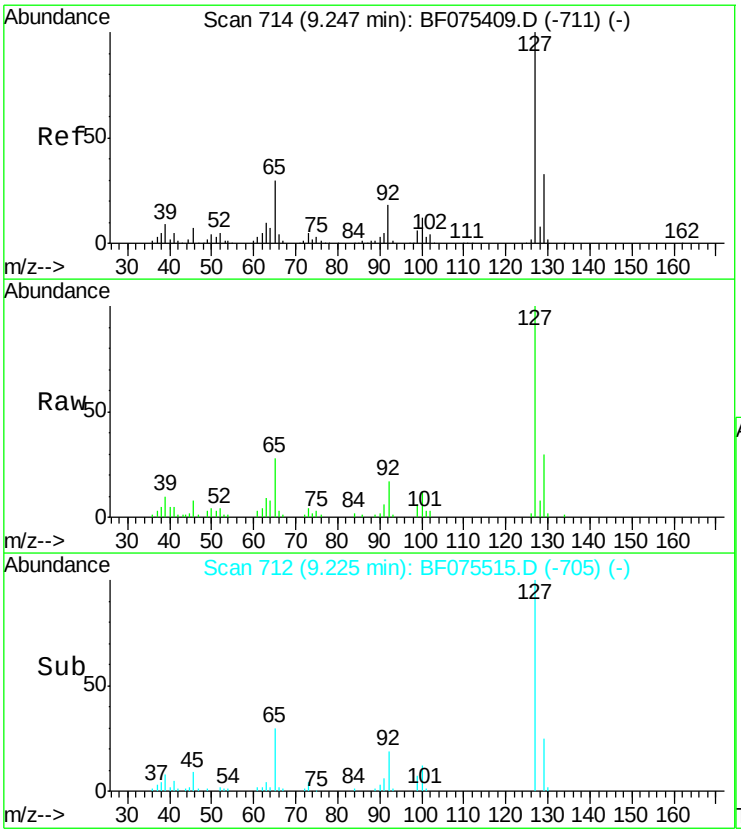
#32
Benzoic acid
Concen: 36.63 ng
RT: 8.79 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:122 Resp: 69679

Ion	Ratio	Lower	Upper
122	100		
105	123.6	95.1	135.1
77	84.7	62.6	102.6

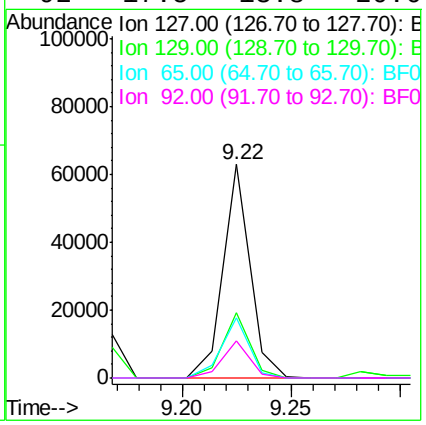


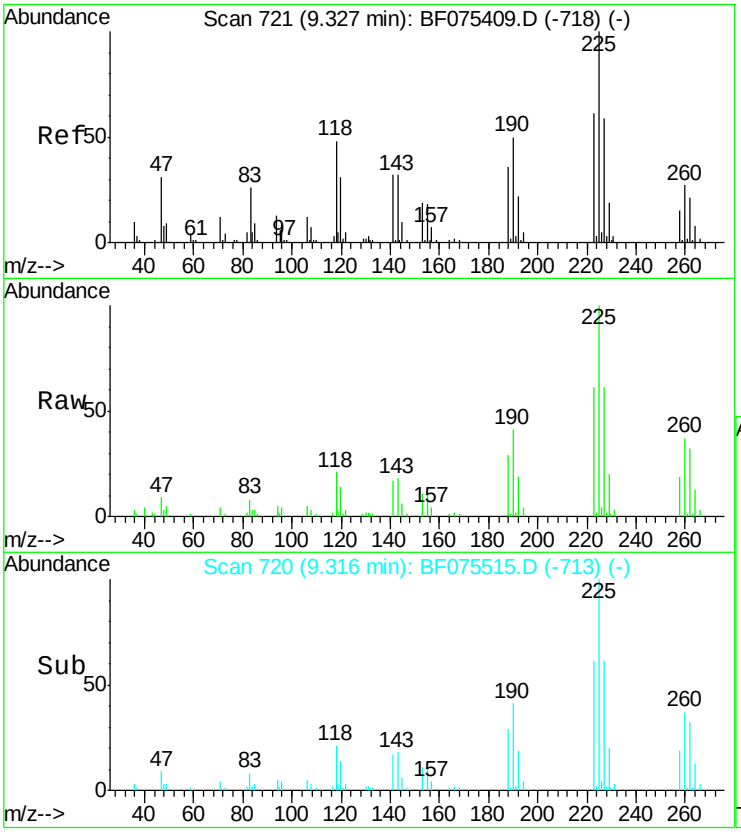


#33
4-Chloroaniline
Concen: 12.39 ng
RT: 9.22 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:127 Resp: 54129

Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.5	38.3
65	28.3	22.8	34.2
92	17.5	13.8	20.6



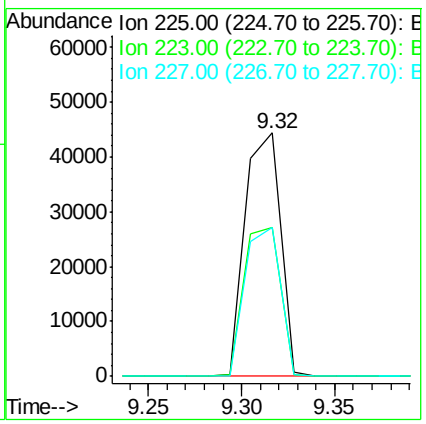


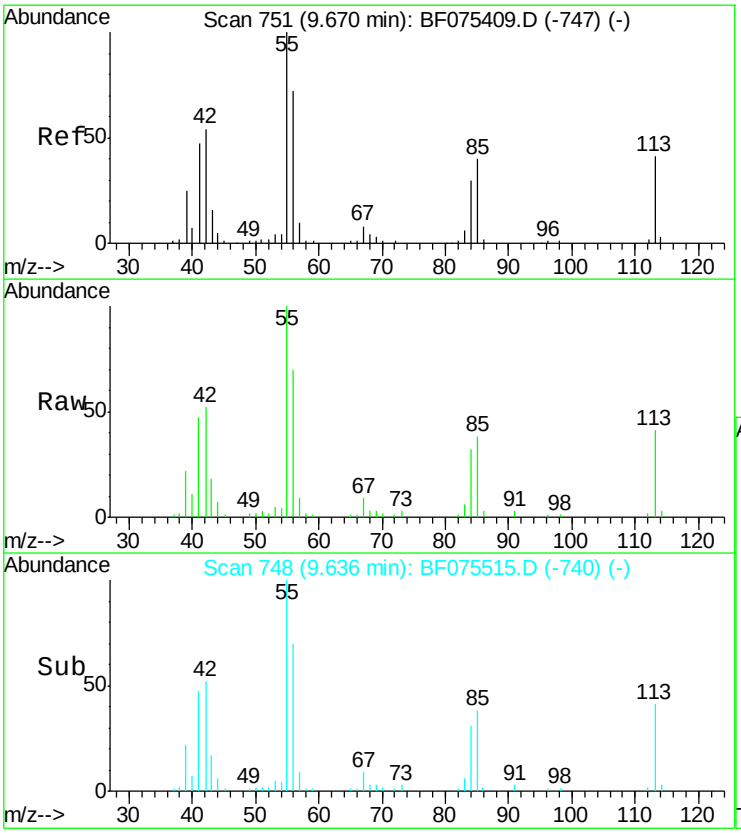
#34
Hexachlorobutadiene
Concen: 37.43 ng
RT: 9.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:225 Resp: 58583

Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	61.4	48.6	73.0

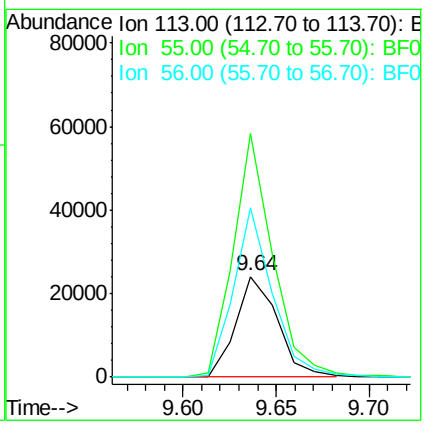


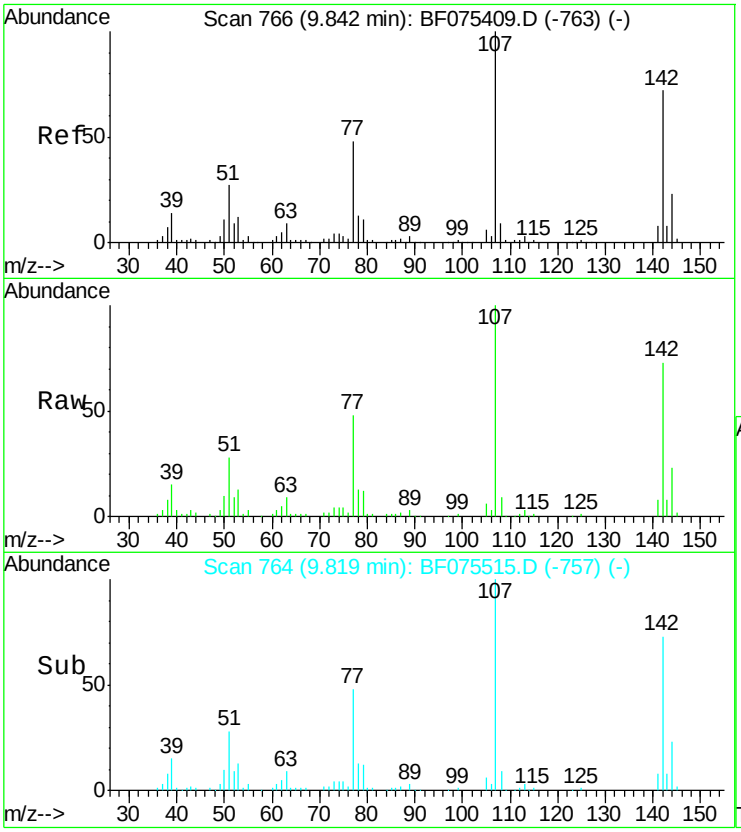


#35
Caprolactam
Concen: 41.15 ng
RT: 9.64 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:113 Resp: 37614

Ion	Ratio	Lower	Upper
113	100		
55	241.3	226.9	266.9
56	168.1	148.4	188.4



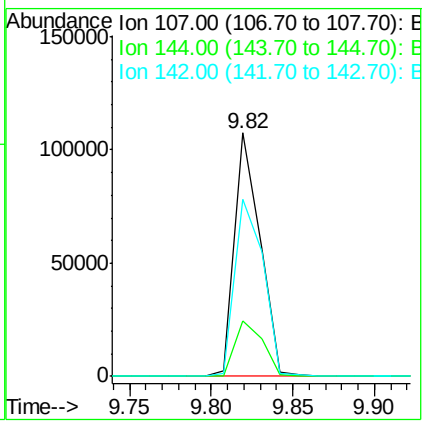


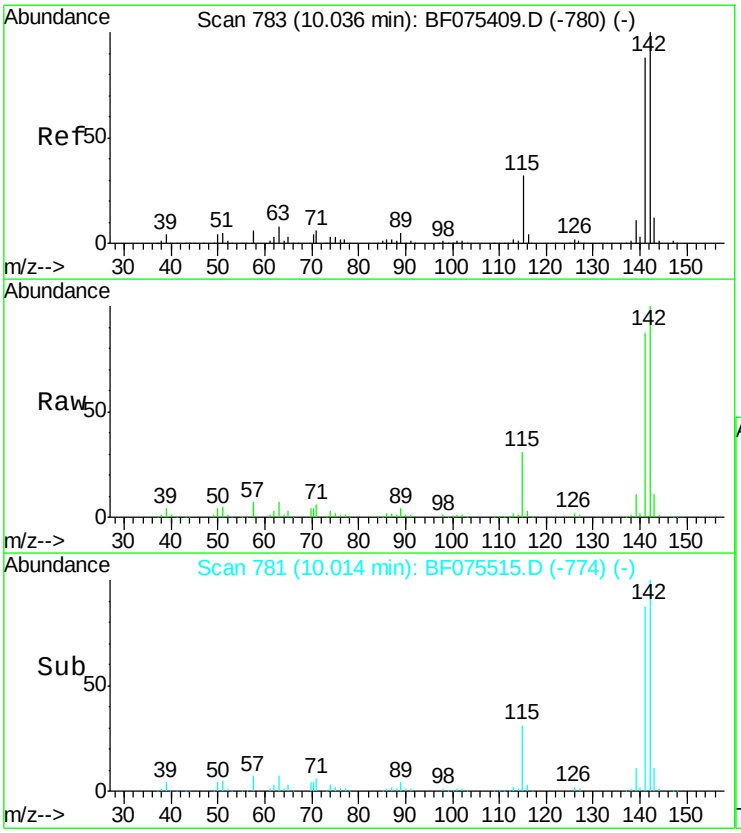
#36
4-Chloro-3-methylphenol
Concen: 38.15 ng
RT: 9.82 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:107 Resp: 115453

Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.1	28.7
142	72.6	62.9	94.3

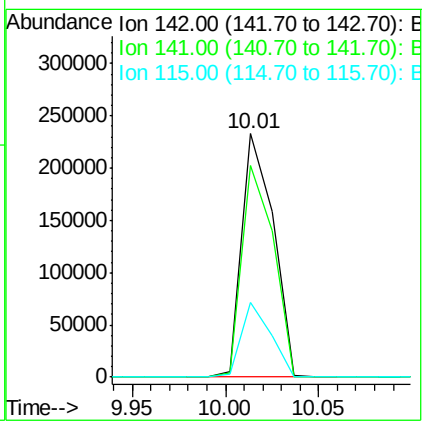


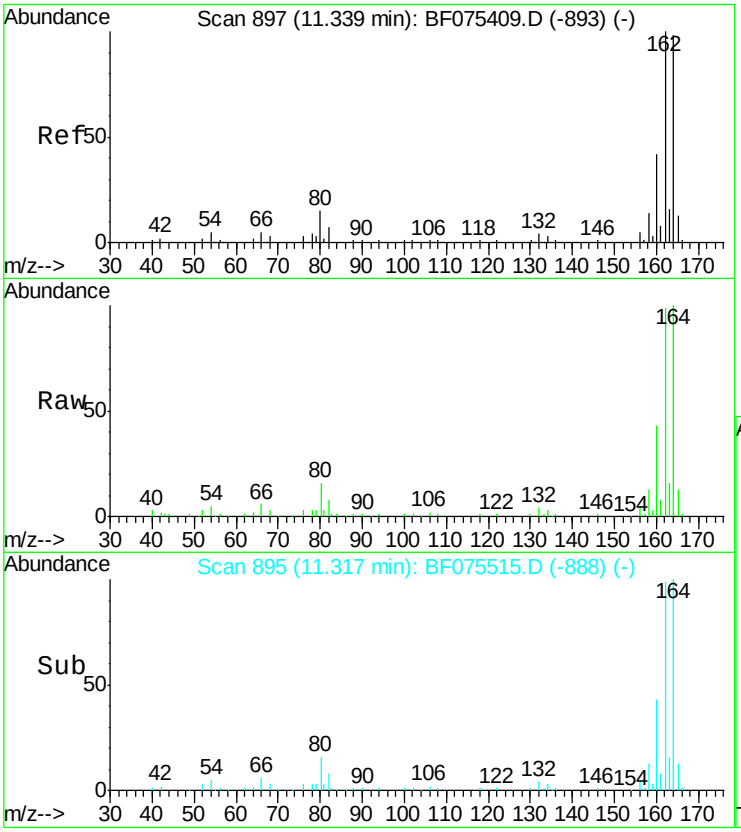


#37
2-Methylnaphthalene
Concen: 39.82 ng
RT: 10.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:142 Resp: 273159

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.9	104.9
115	30.6	27.6	41.4



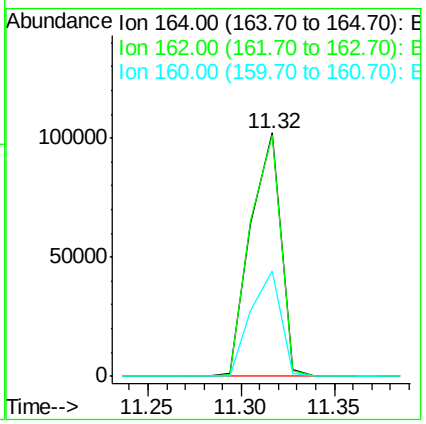


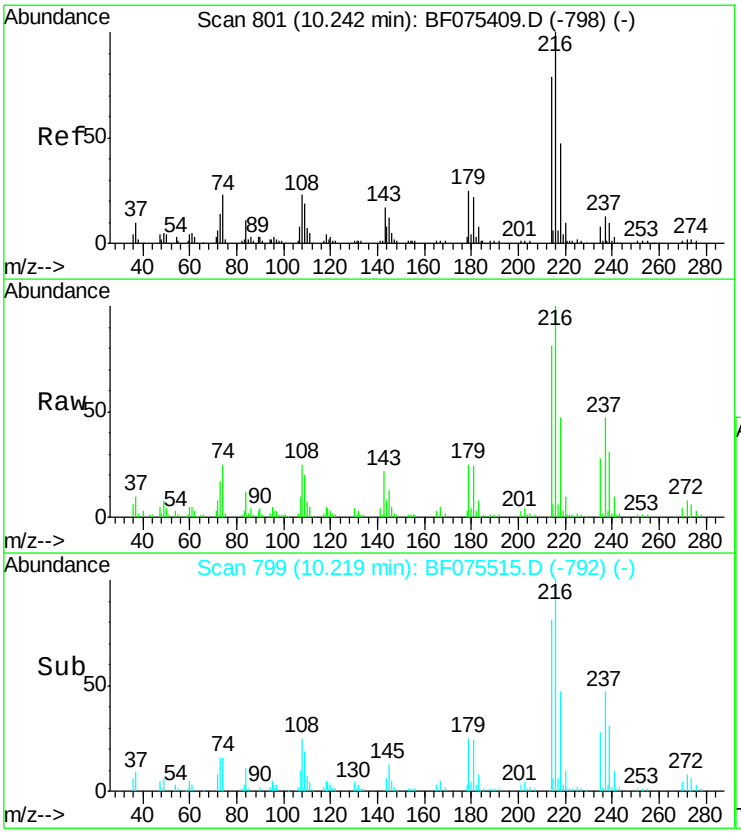
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:164 Resp: 116397

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.1	118.7
160	43.2	34.6	51.8

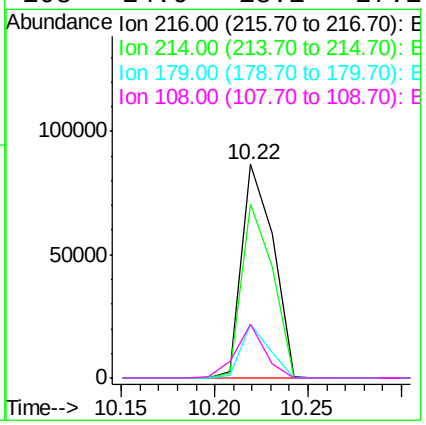


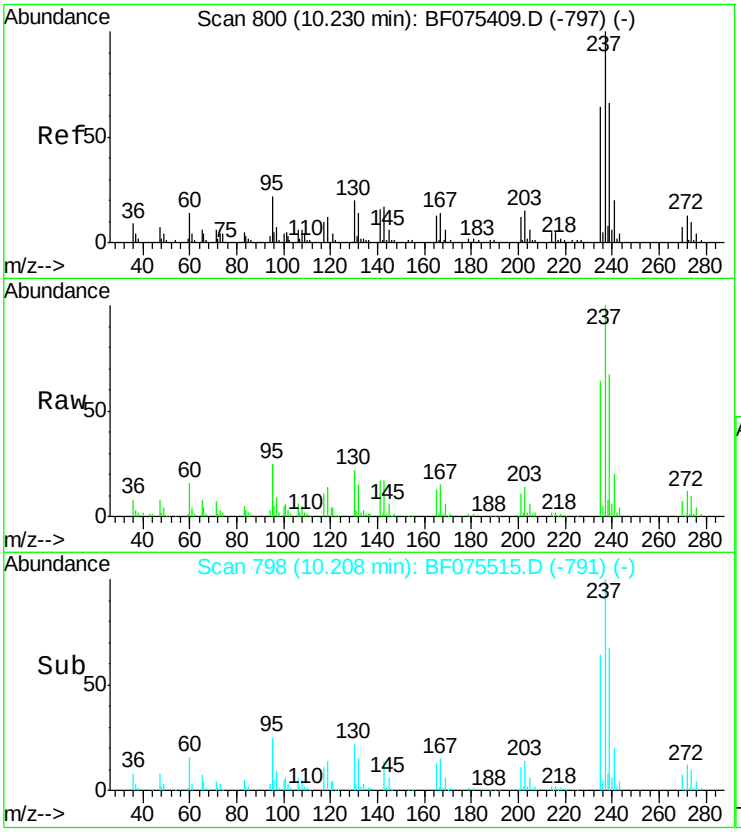


#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.53 ng
RT: 10.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:216 Resp: 101750

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.8	94.2
179	22.4	18.7	28.1
108	24.0	18.1	27.1



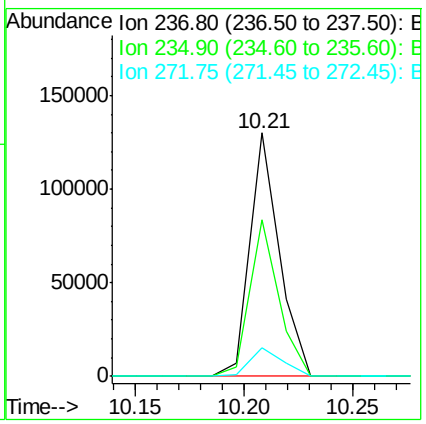


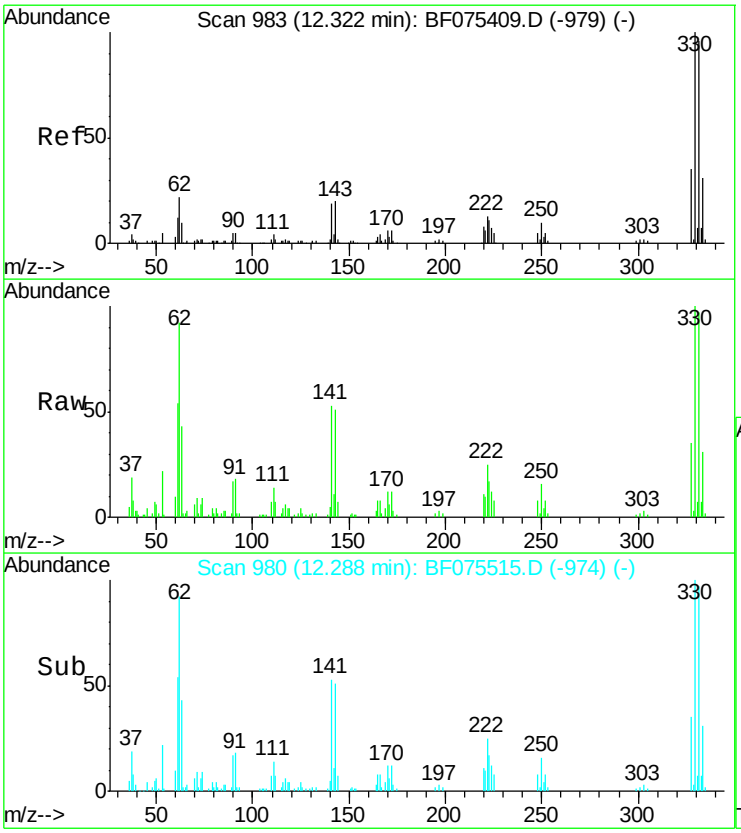
#40
Hexachlorocyclopentadiene
Concen: 84.17 ng
RT: 10.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:237 Resp: 122333

Ion	Ratio	Lower	Upper
237	100		
235	64.1	45.7	85.7
272	12.0	0.0	32.6

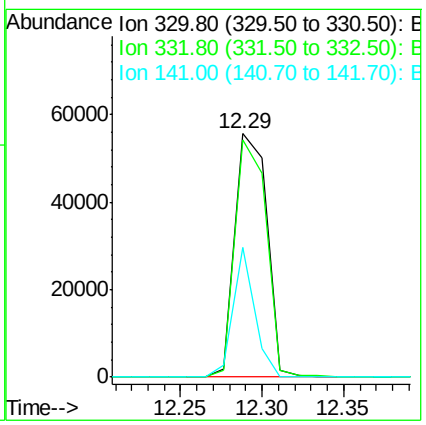


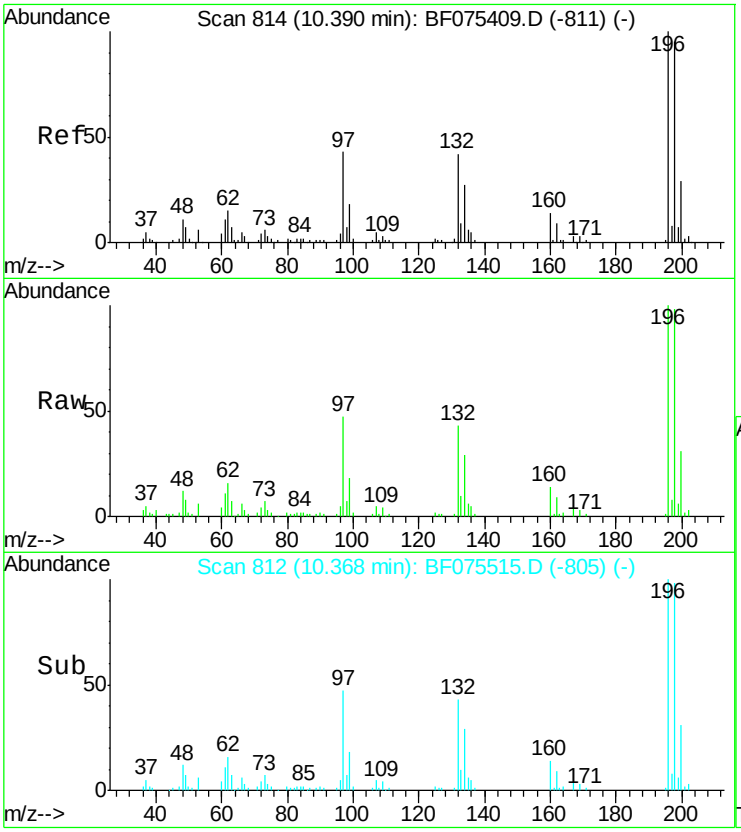


#41
2,4,6-Tribromophenol
Concen: 76.86 ng
RT: 12.29 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:330 Resp: 74931

Ion	Ratio	Lower	Upper
330	100		
332	95.7	74.5	111.7
141	35.5	30.7	46.1



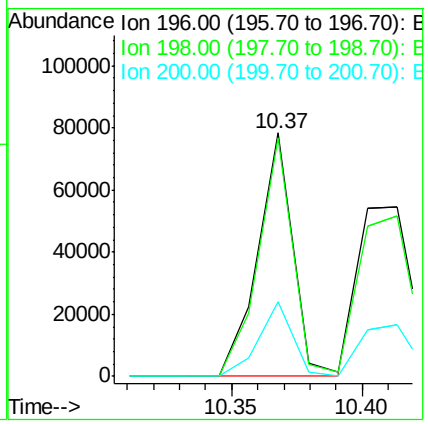


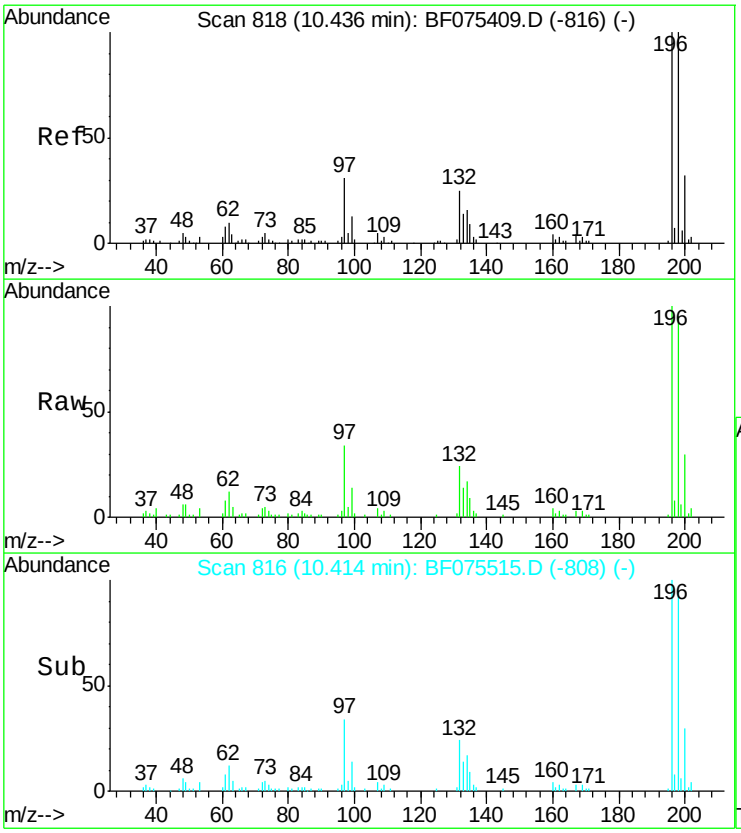
#42
2,4,6-Trichlorophenol
Concen: 38.39 ng
RT: 10.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:196 Resp: 73039

Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.7	113.5
200	30.9	23.4	35.0

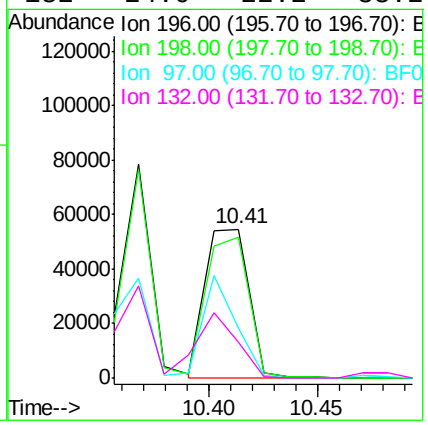


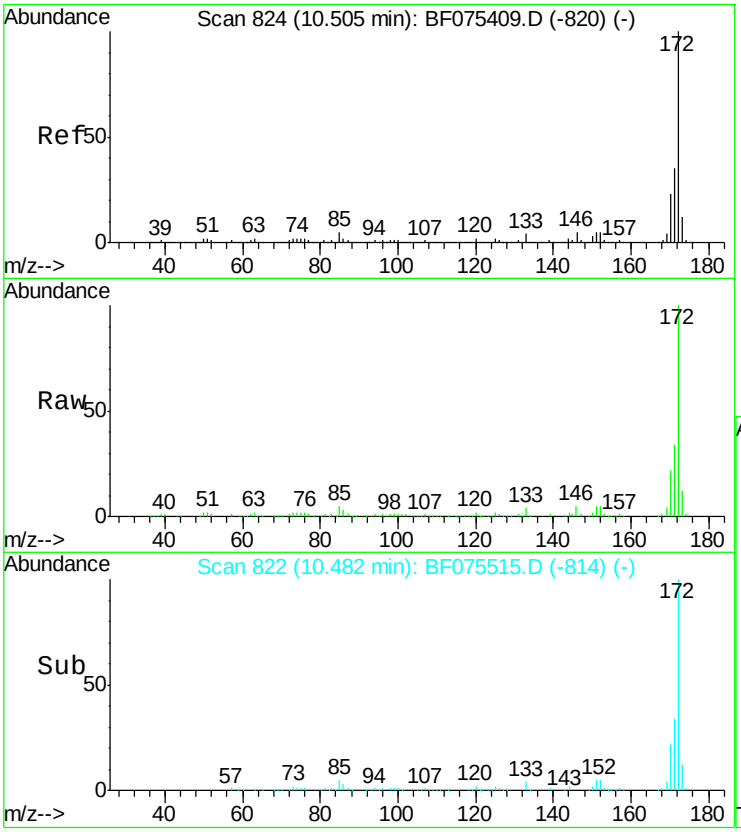


#43
2,4,5-Trichlorophenol
Concen: 38.67 ng
RT: 10.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:196 Resp: 76623

Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.2	117.4
97	33.5	29.9	44.9
132	24.0	22.2	33.2



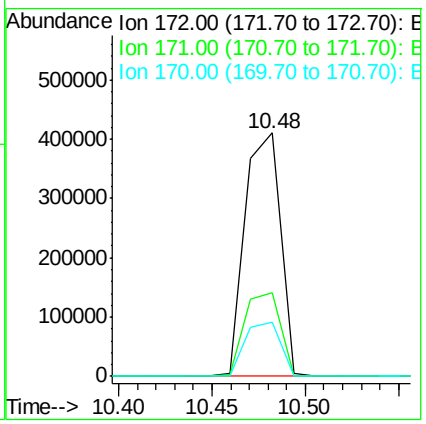


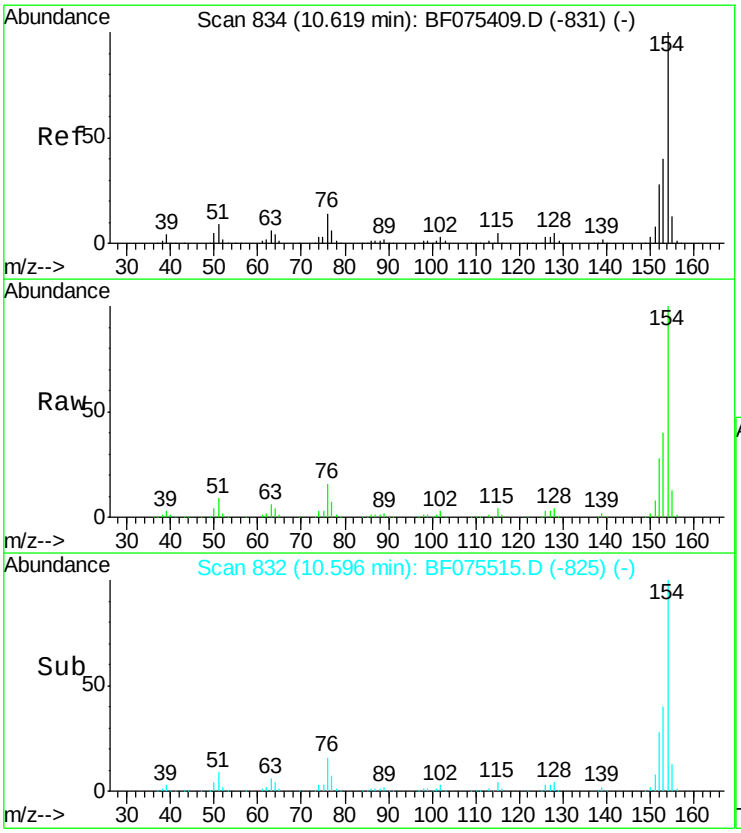
#44
2-Fluorobiphenyl
Concen: 83.85 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:172 Resp: 540122

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	22.5	18.4	27.6

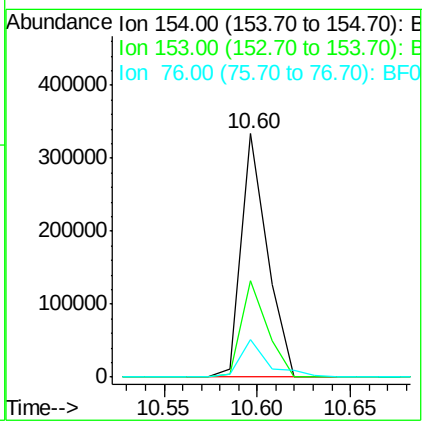


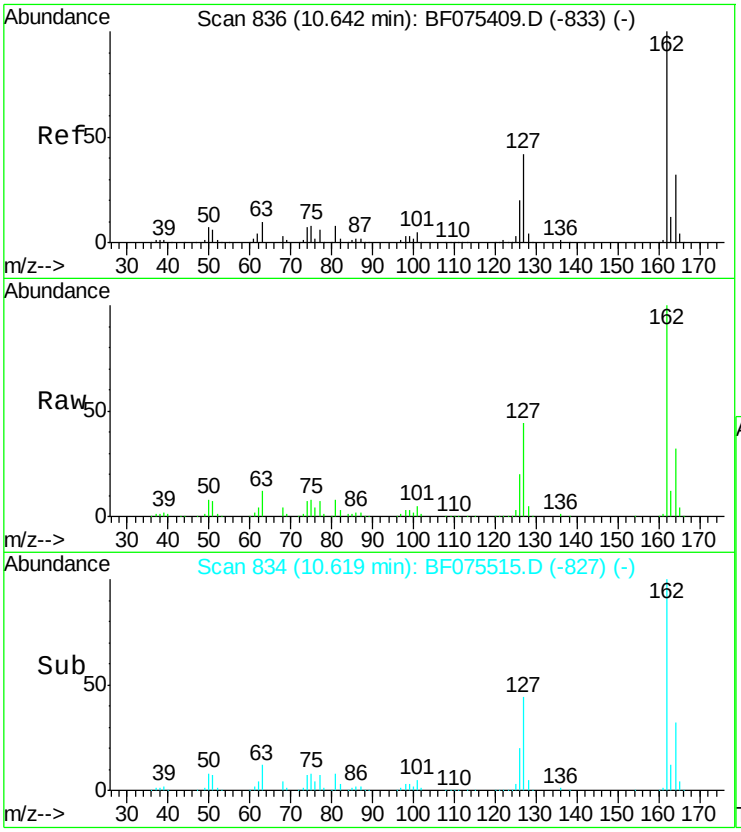


#45
1,1'-Biphenyl
Concen: 41.27 ng
RT: 10.60 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:154 Resp: 324015

Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.3	59.3
76	15.6	0.0	35.0



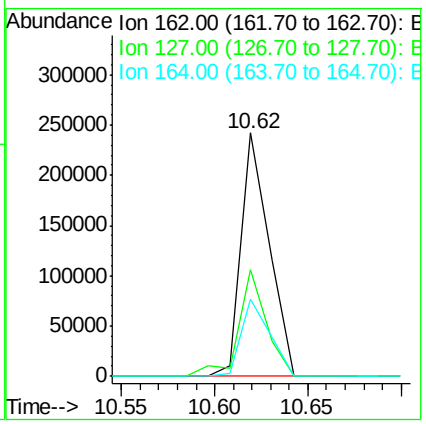


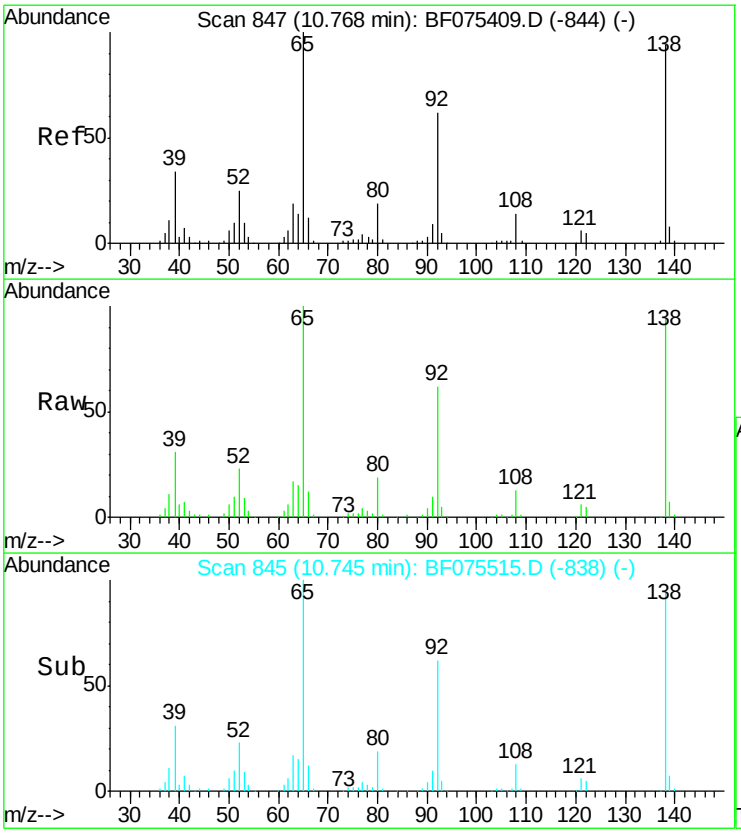
#46
2-Chloronaphthalene
Concen: 41.19 ng
RT: 10.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:162 Resp: 252843

Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.6	51.8
164	31.6	25.1	37.7

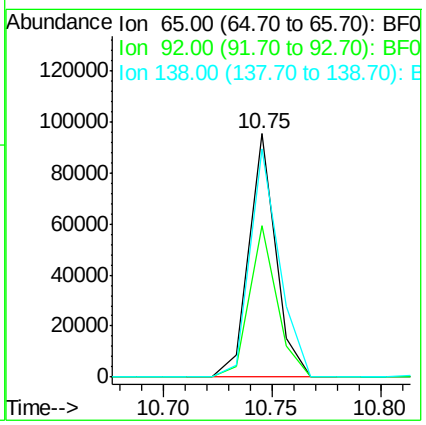


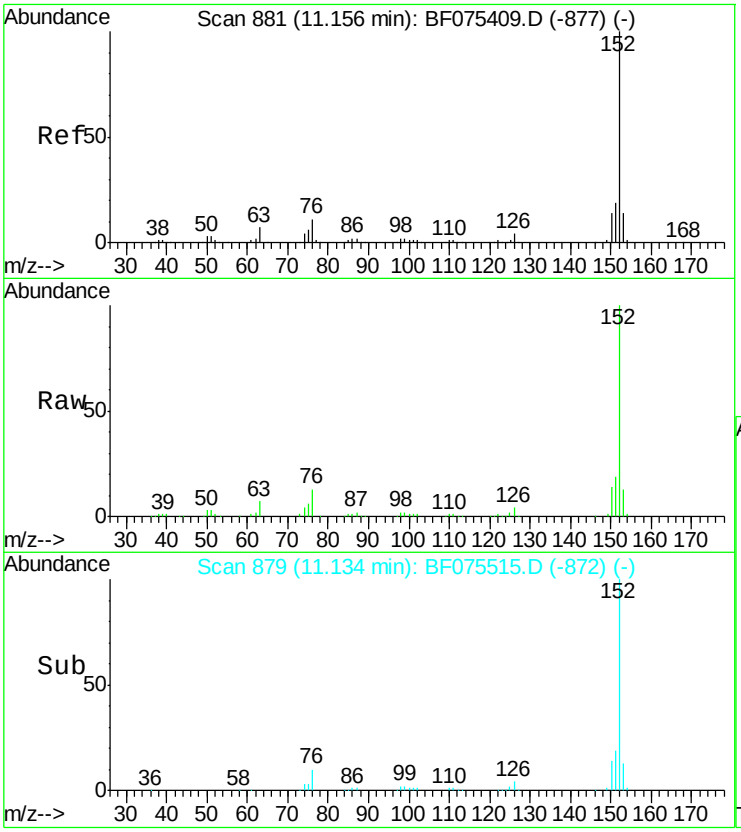


#47
2-Nitroaniline
Concen: 44.22 ng
RT: 10.75 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion: 65 Resp: 81675

Ion	Ratio	Lower	Upper
65	100		
92	62.1	46.7	70.1
138	93.9	62.8	94.2



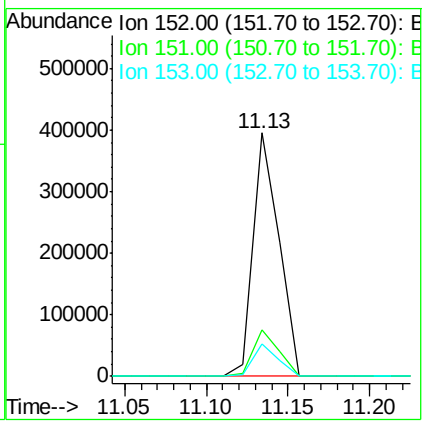


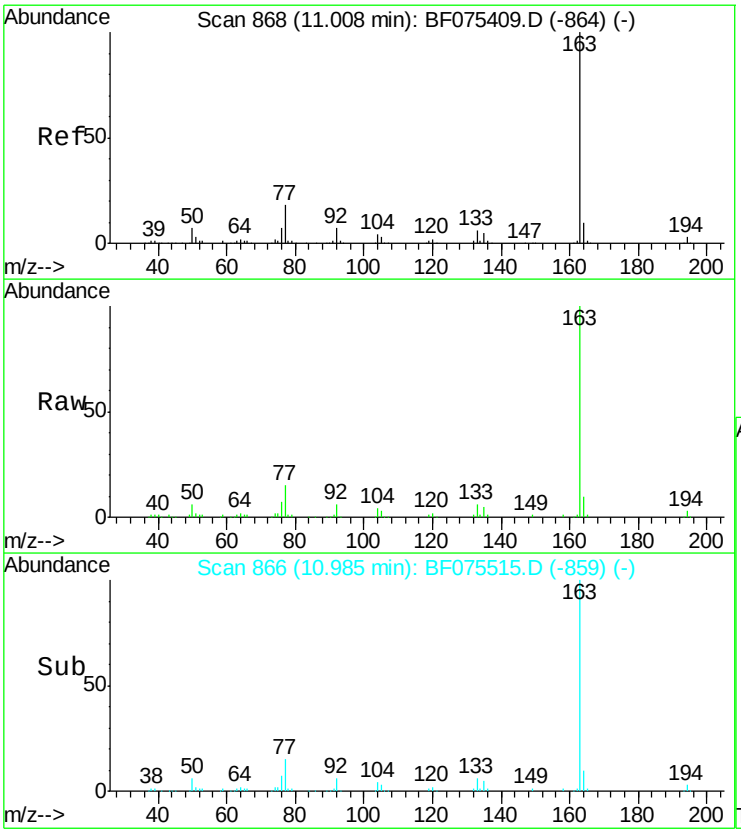
#48
Acenaphthylene
Concen: 42.94 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:152 Resp: 434633

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2
153	13.2	10.0	15.0

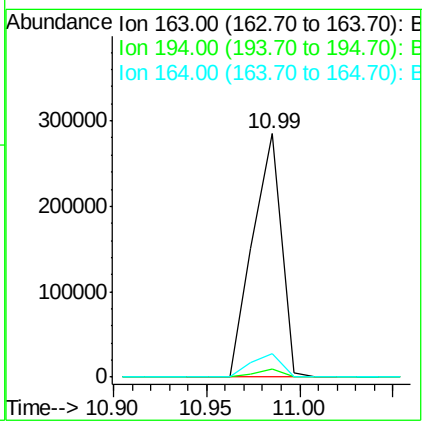


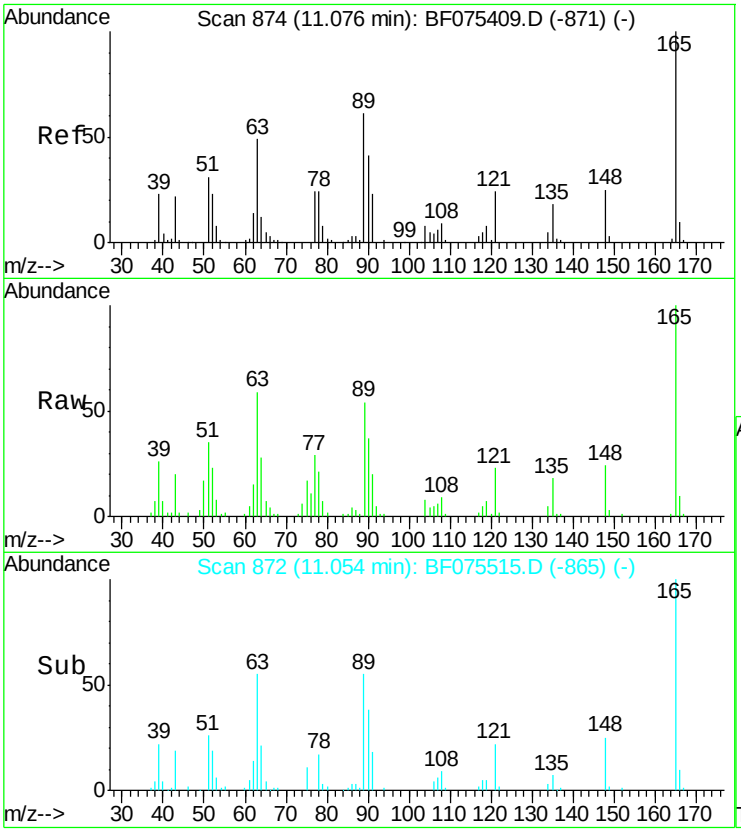


#49
Dimethylphthalate
Concen: 38.08 ng
RT: 10.99 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:163 Resp: 303004

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.6	8.0	12.0



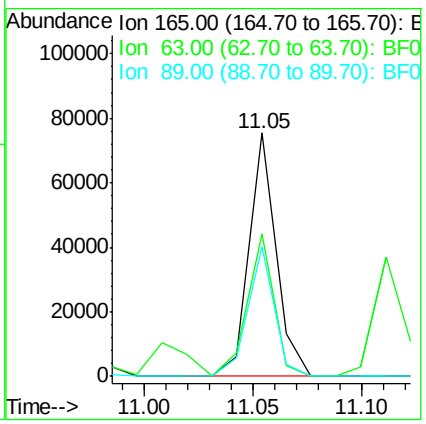


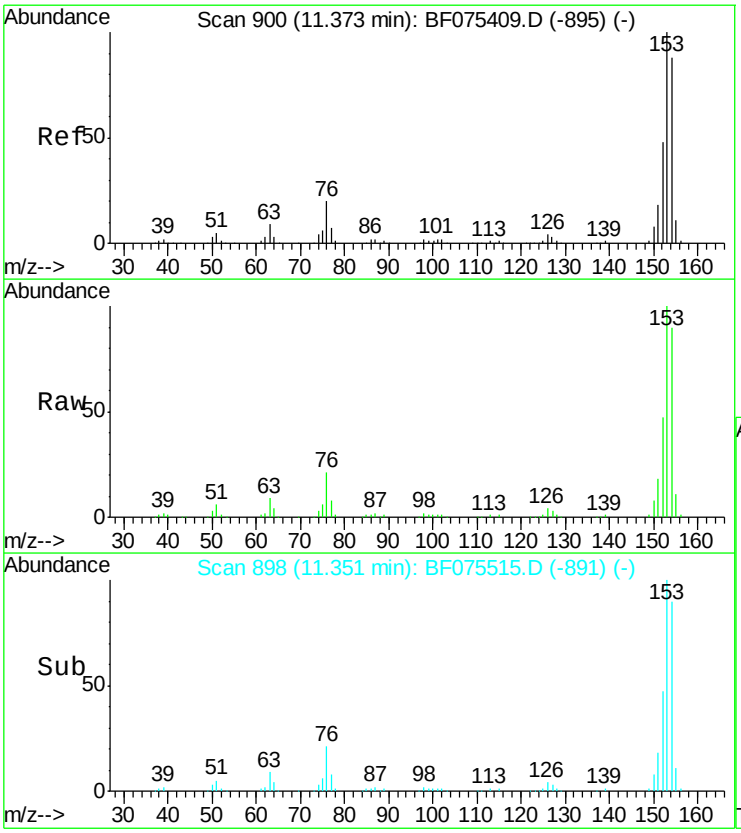
#50
2,6-Dinitrotoluene
Concen: 41.48 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:165 Resp: 65005

Ion	Ratio	Lower	Upper
165	100		
63	58.5	61.2	91.8#
89	53.5	52.5	78.7

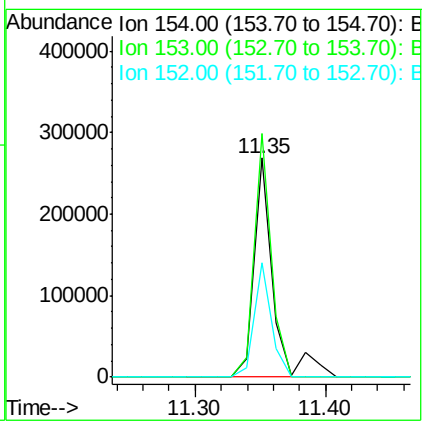


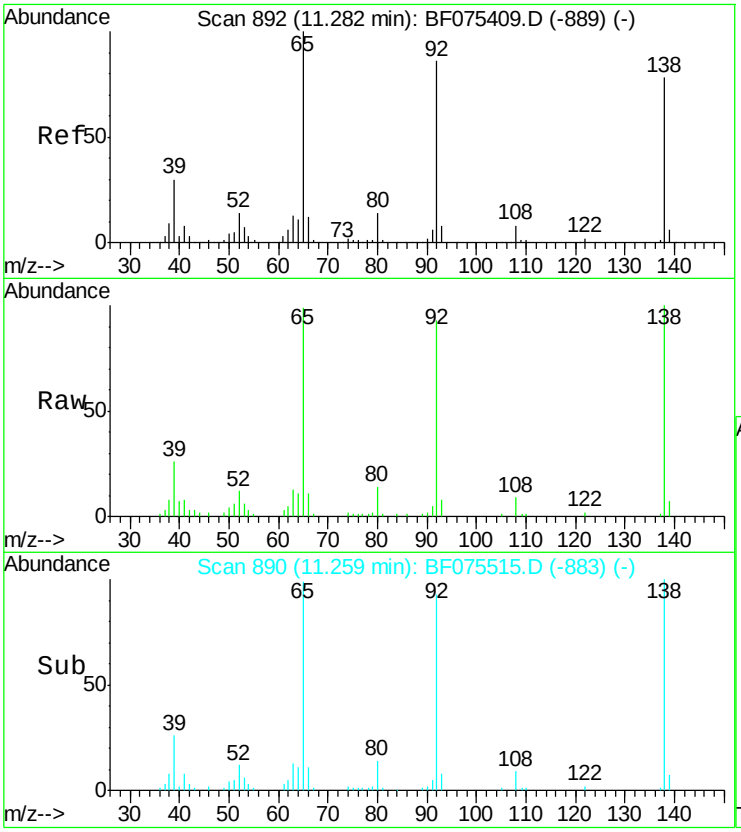


#51
Acenaphthene
Concen: 45.47 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:154 Resp: 277846

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	52.5	43.4	65.0



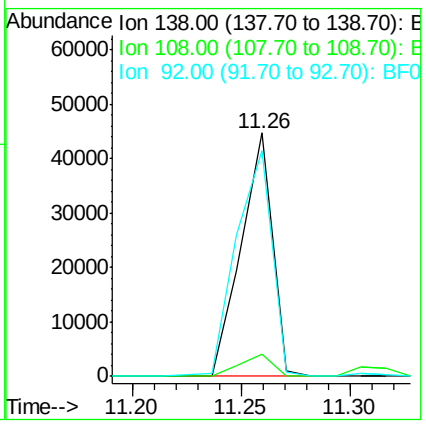


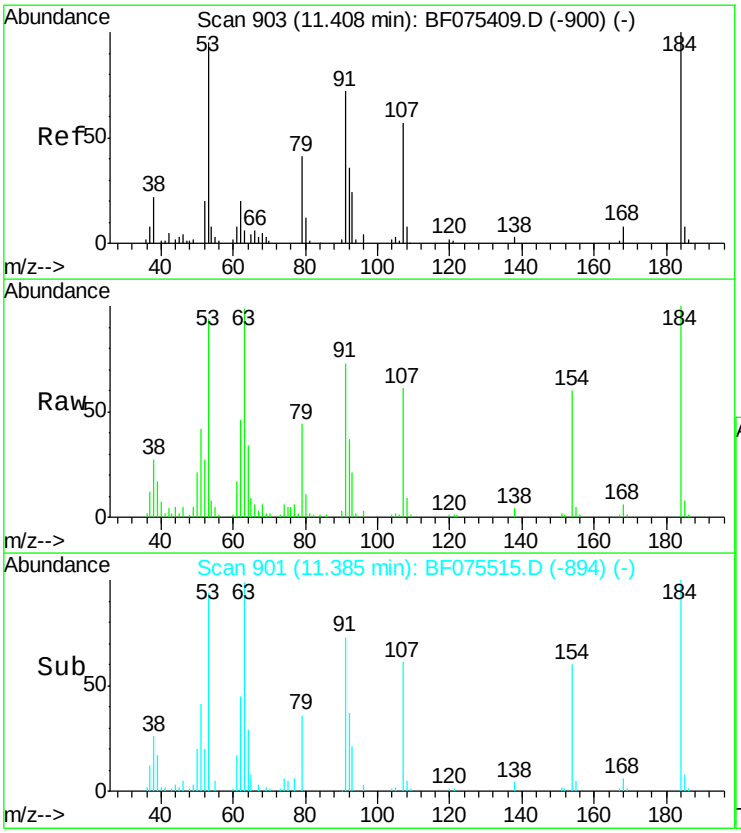
#52
3-Nitroaniline
Concen: 24.20 ng
RT: 11.26 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:138 Resp: 44717

Ion	Ratio	Lower	Upper
138	100		
108	9.1	10.2	15.2#
92	92.6	91.0	136.6

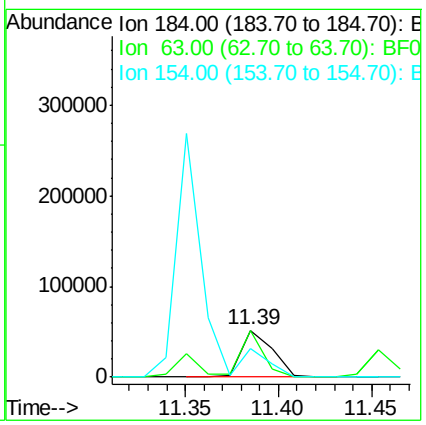


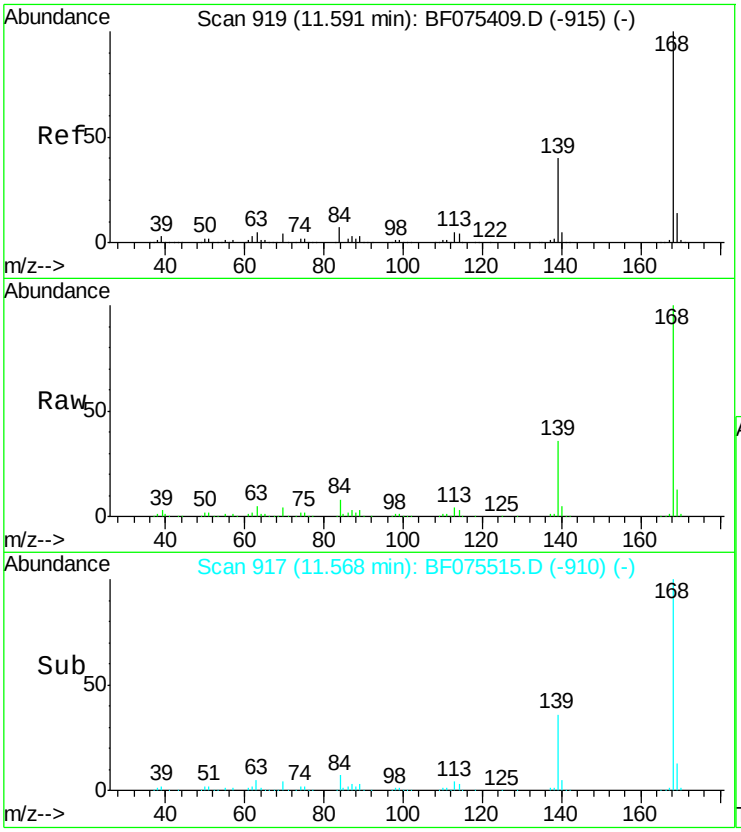


#53
2,4-Dinitrophenol
Concen: 70.64 ng
RT: 11.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:184 Resp: 58842

Ion	Ratio	Lower	Upper
184	100		
63	98.8	96.3	144.5
154	60.4	56.2	84.4



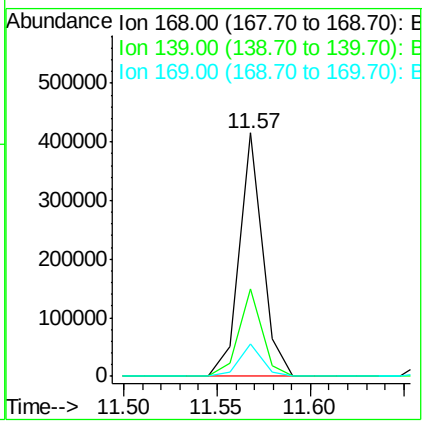


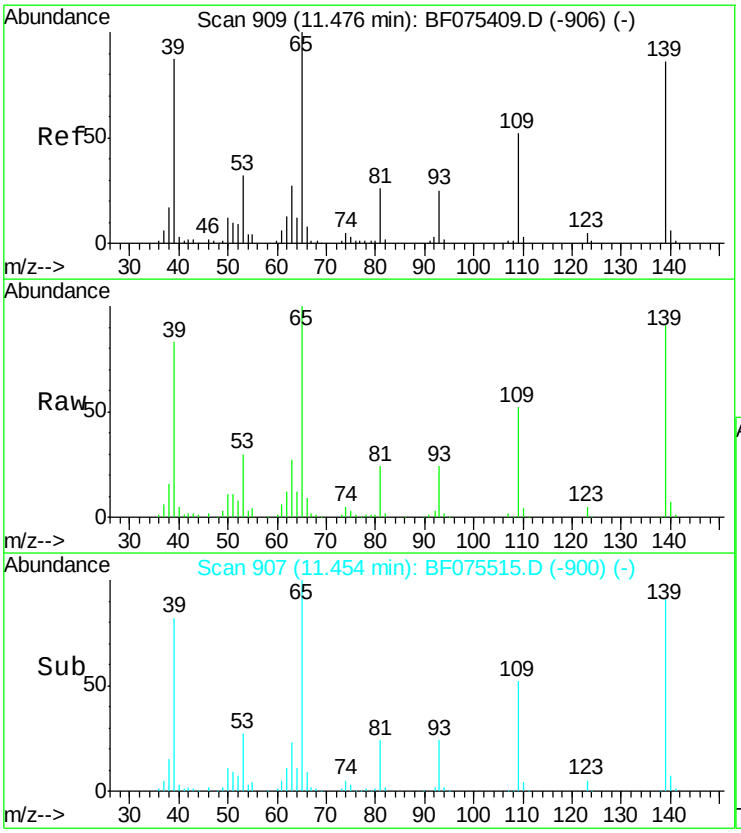
#54
Dibenzofuran
Concen: 41.65 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:168 Resp: 363650

Ion	Ratio	Lower	Upper
168	100		
139	35.8	33.0	49.4
169	13.4	10.8	16.2

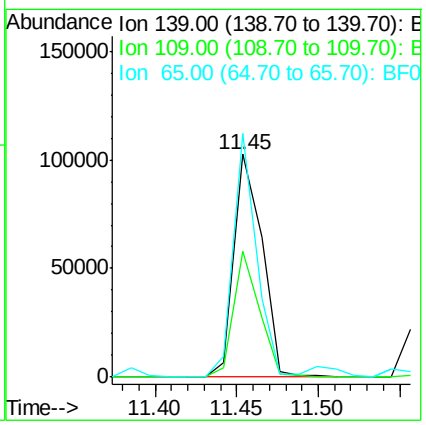


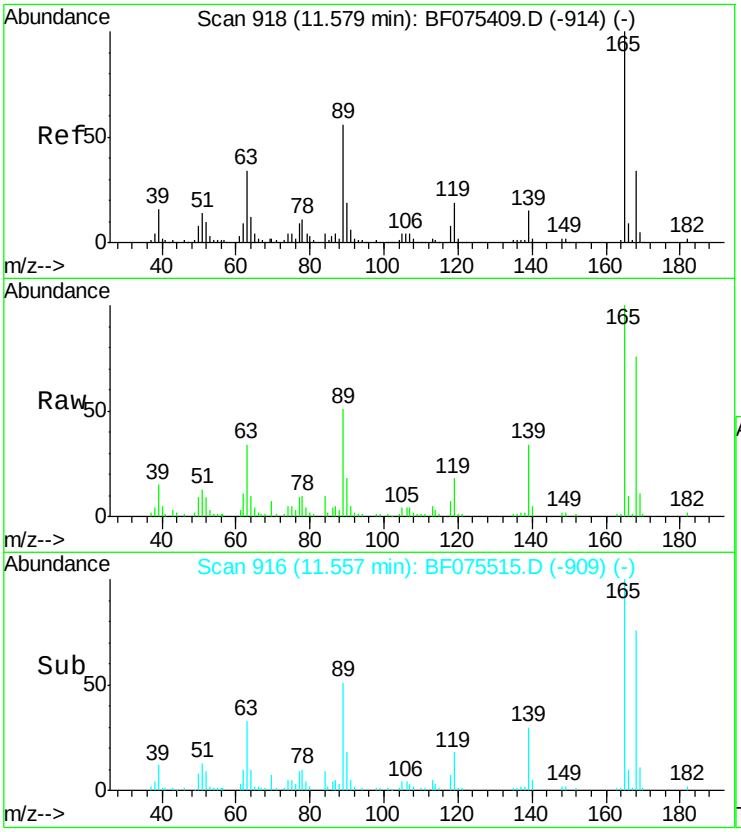


#55
4-Nitrophenol
Concen: 82.39 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:139 Resp: 121708

Ion	Ratio	Lower	Upper
139	100		
109	56.8	45.8	85.8
65	109.4	94.8	134.8



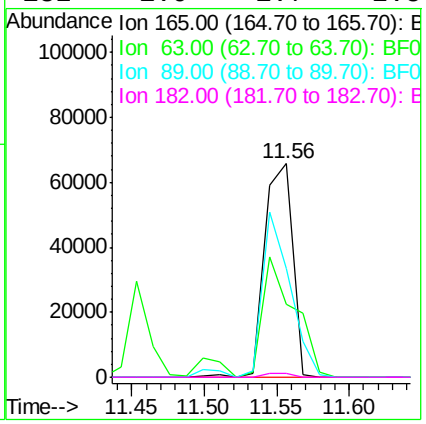


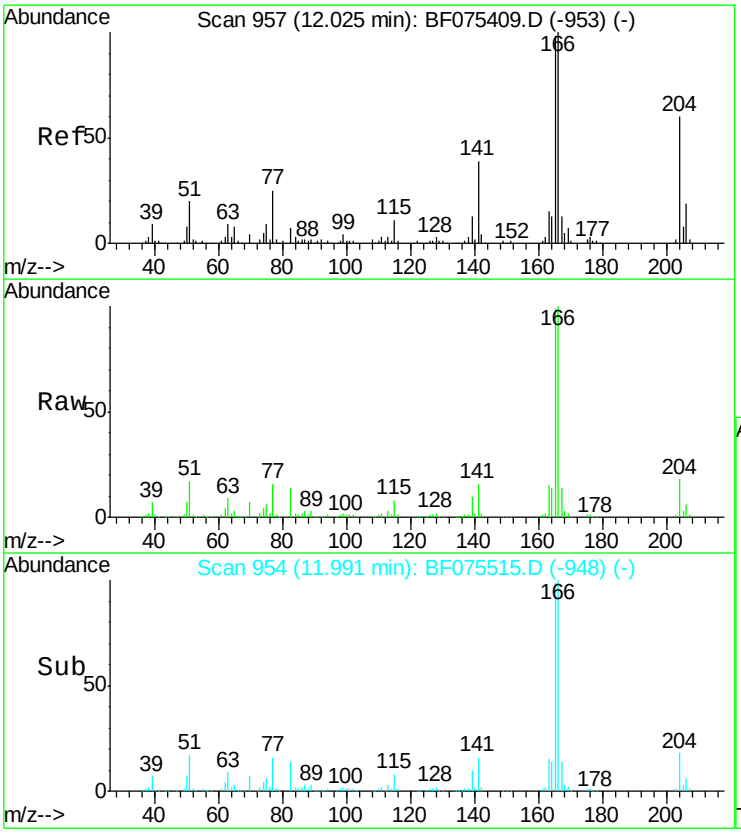
#56
2,4-Dinitrotoluene
Concen: 42.52 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:165 Resp: 87553

Ion	Ratio	Lower	Upper
165	100		
63	34.3	27.0	40.6
89	50.8	47.8	71.6
182	1.9	1.7	2.5

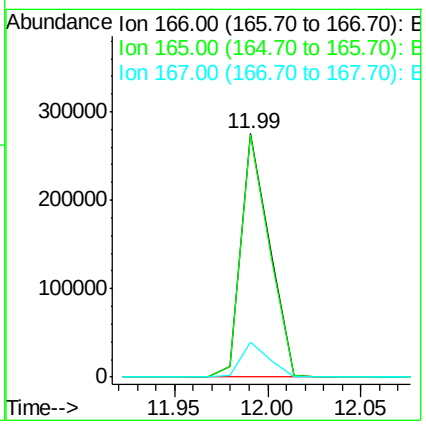


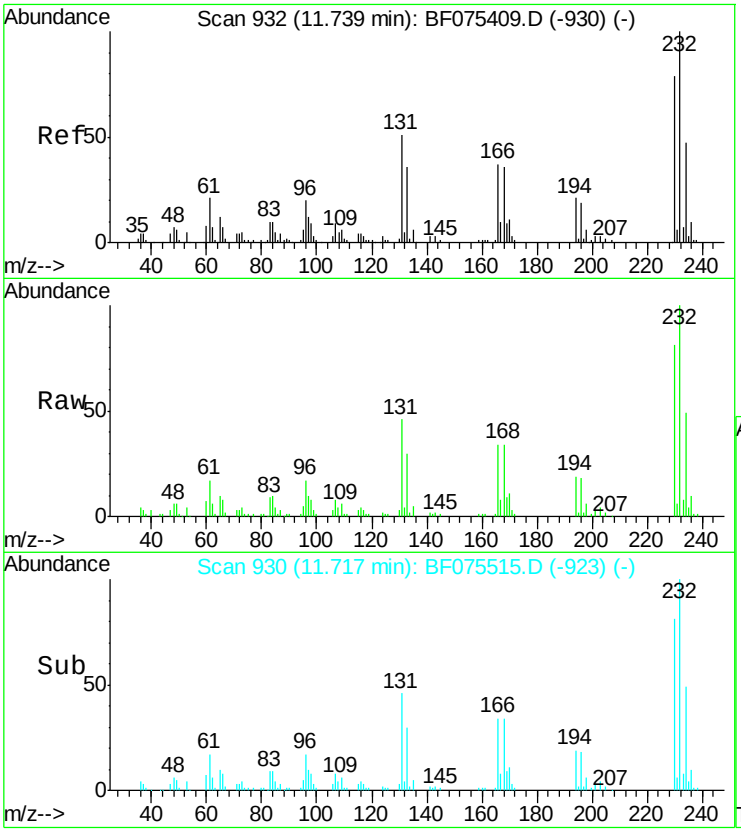


#57
Fluorene
Concen: 41.04 ng
RT: 11.99 min Scan# 954
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:166 Resp: 289827

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	14.1	10.6	15.8



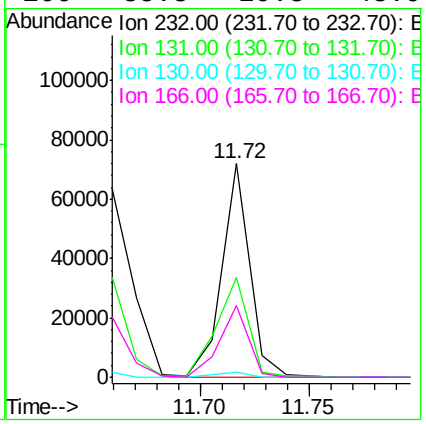


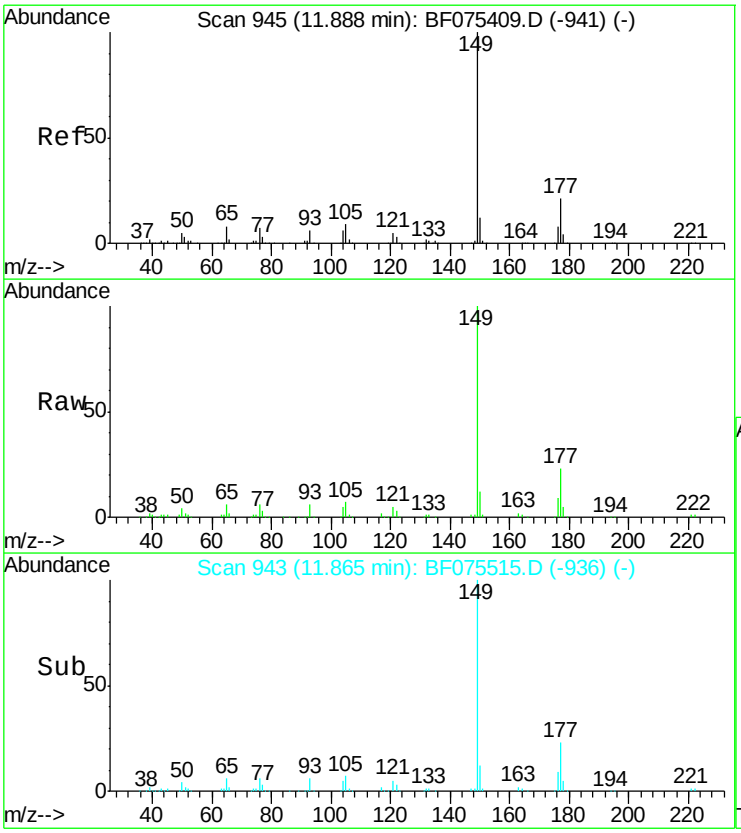
#58
2,3,4,6-Tetrachlorophenol
Concen: 40.49 ng
RT: 11.72 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:232 Resp: 63687

Ion	Ratio	Lower	Upper
232	100		
131	53.8	44.6	67.0
130	2.8	2.5	3.7
166	35.3	29.3	43.9

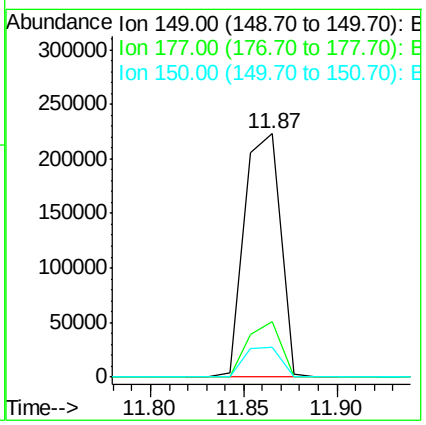


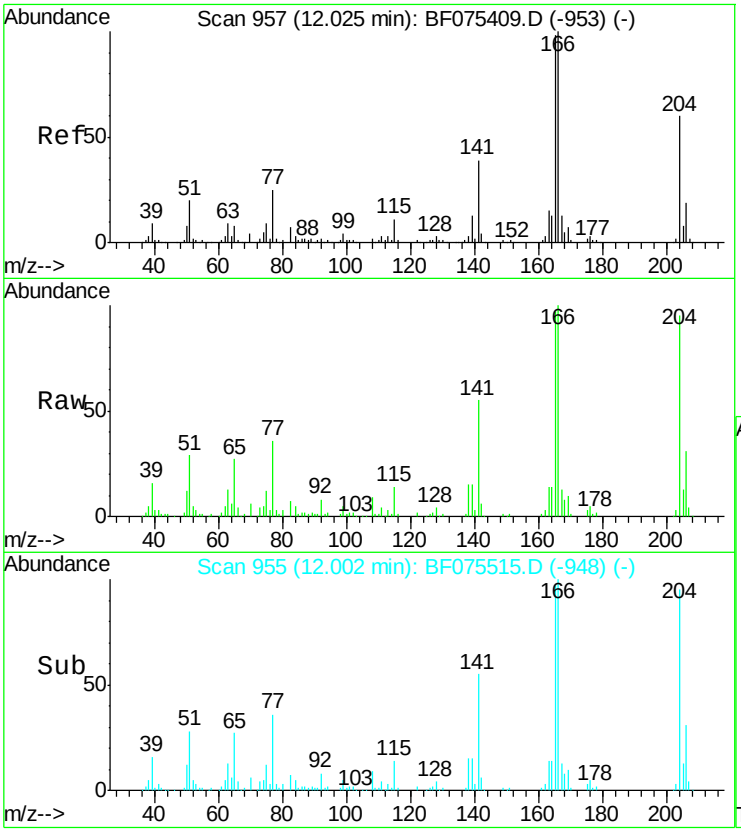


#59
Diethylphthalate
Concen: 36.11 ng
RT: 11.87 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:149 Resp: 298159

Ion	Ratio	Lower	Upper
149	100		
177	22.8	15.8	23.8
150	12.1	9.9	14.9



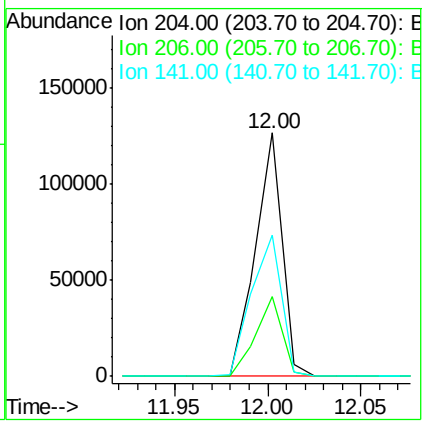


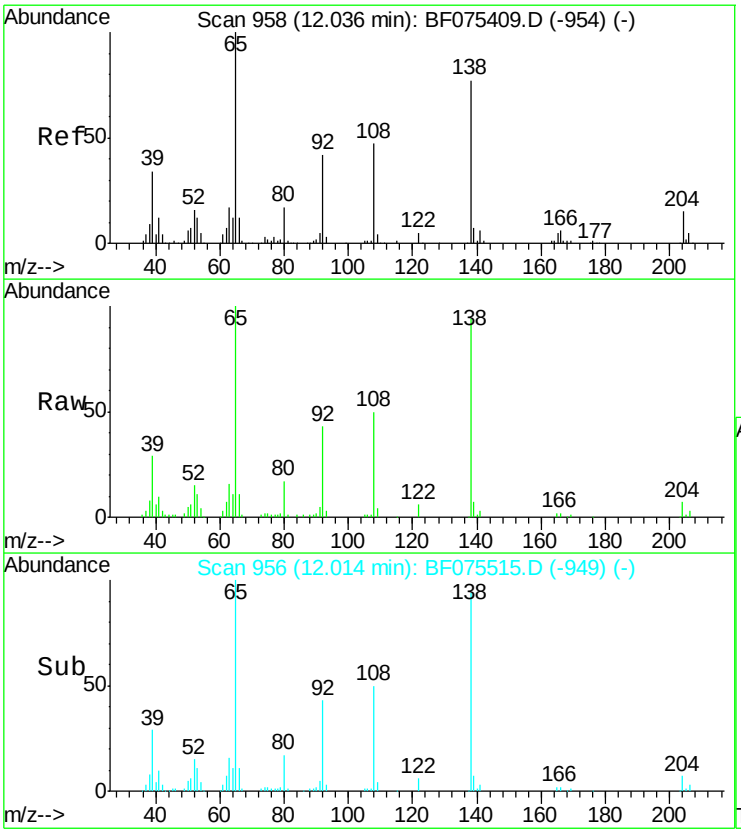
#60
4-Chlorophenyl-phenylether
Concen: 41.20 ng
RT: 12.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:204 Resp: 125099

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.1	37.7
141	57.8	58.6	87.8#

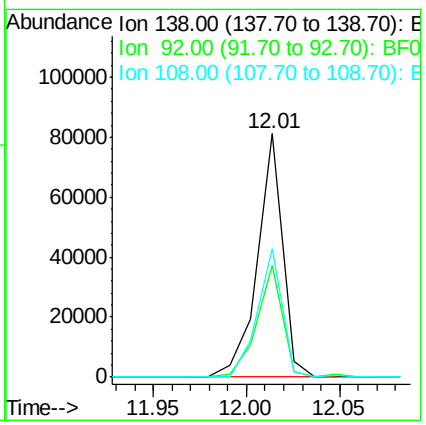


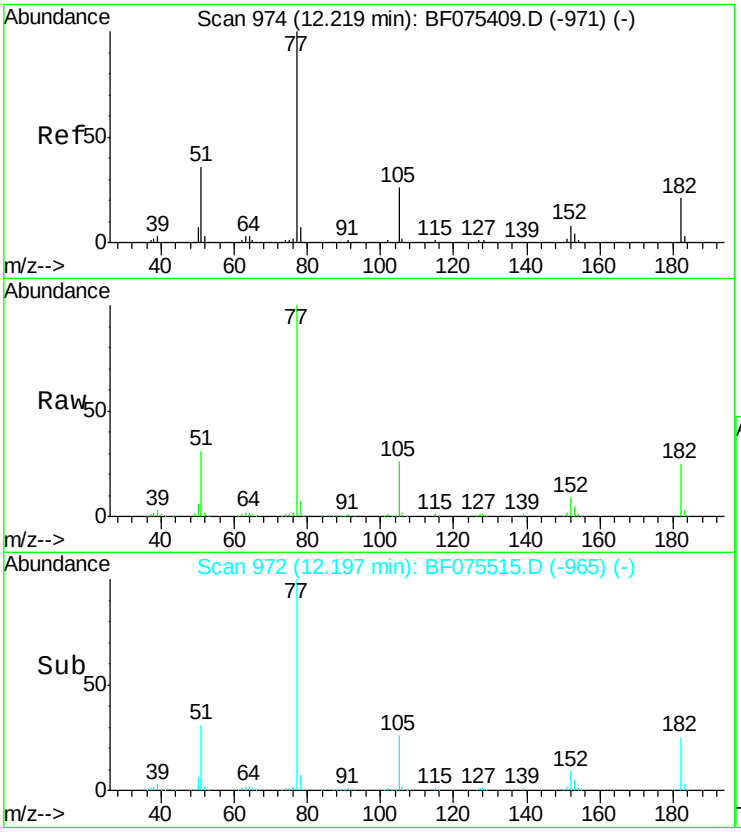


#61
4-Nitroaniline
Concen: 40.76 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:138 Resp: 75308

Ion	Ratio	Lower	Upper
138	100		
92	46.0	34.8	74.8
108	52.9	50.6	90.6



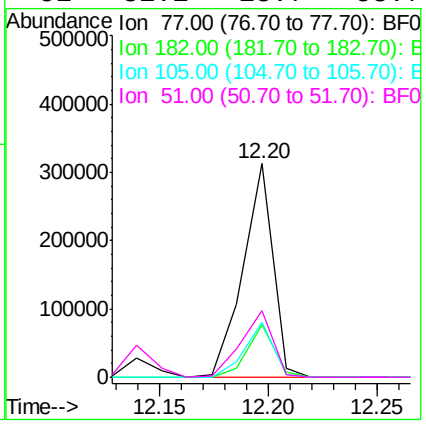


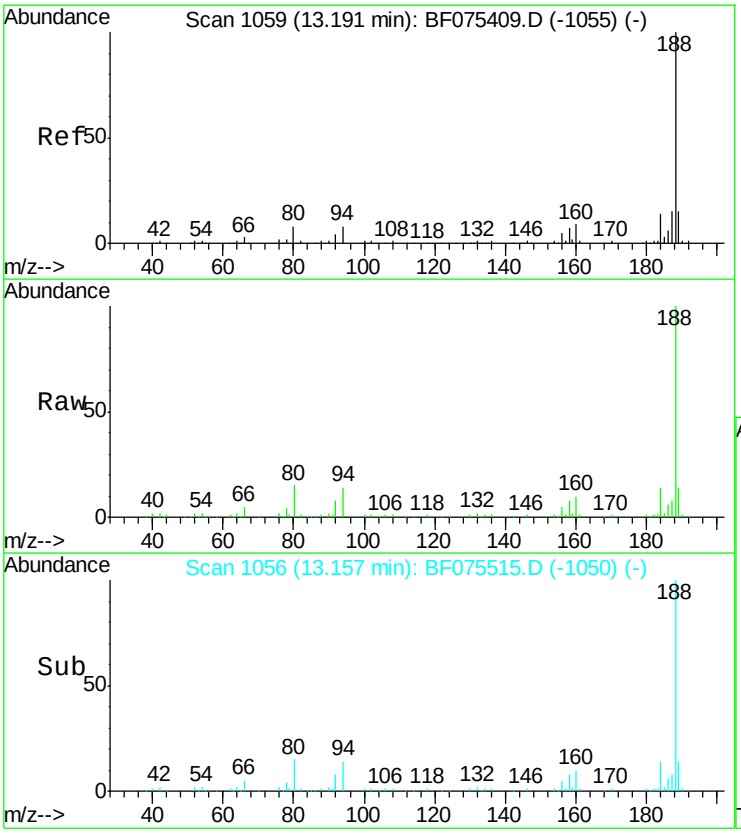
#62
Azobenzene
Concen: 41.18 ng
RT: 12.20 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion: 77 Resp: 299126

Ion	Ratio	Lower	Upper
77	100		
182	24.6	0.0	37.1
105	25.8	3.7	43.7
51	31.1	18.7	58.7

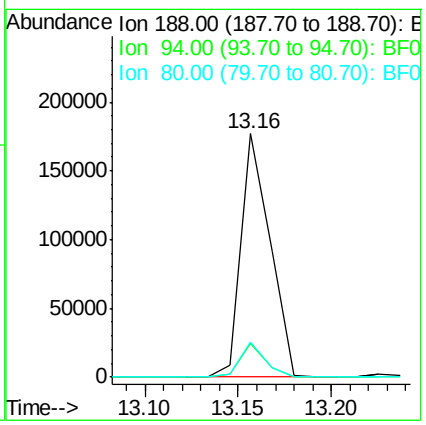


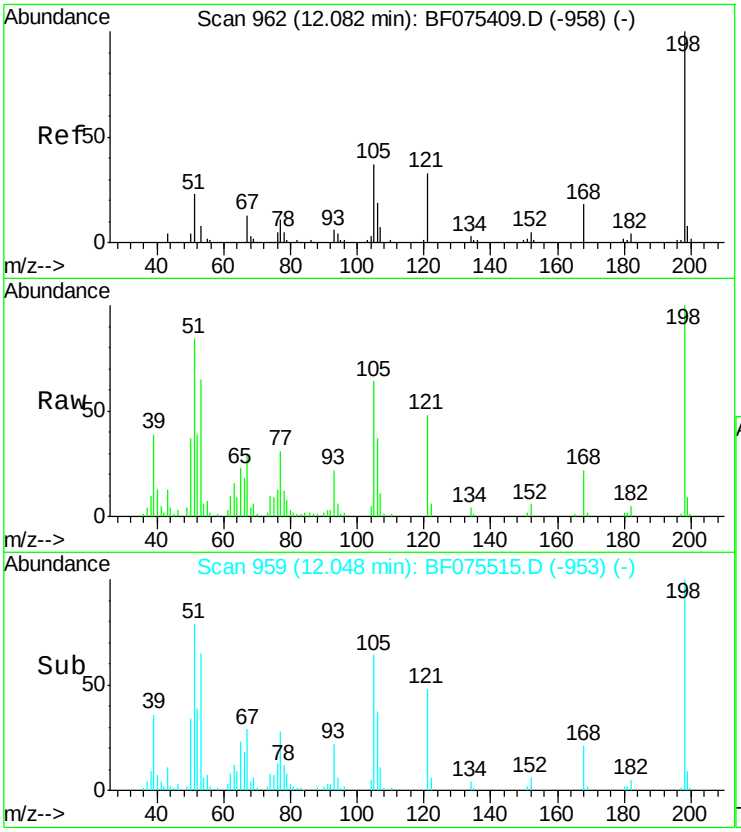


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:188 Resp: 191430

Ion	Ratio	Lower	Upper
188	100		
94	13.7	7.8	11.6#
80	14.6	8.0	12.0#



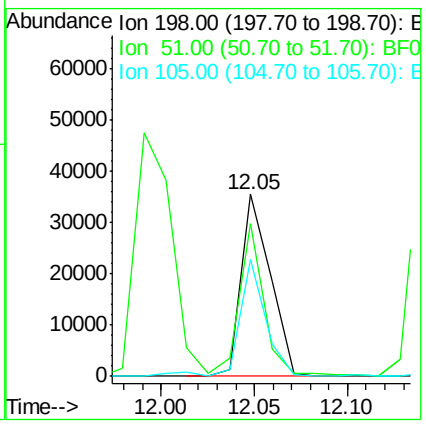


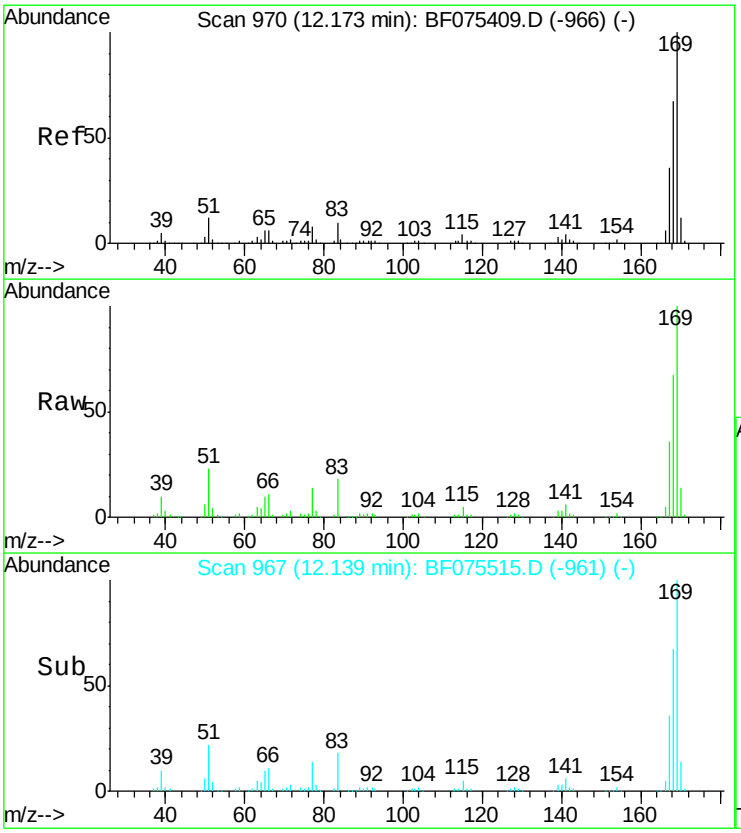
#64
4,6-Dinitro-2-methylphenol
Concen: 39.74 ng
RT: 12.05 min Scan# 959
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:198 Resp: 38476

Ion	Ratio	Lower	Upper
198	100		
51	83.6	26.0	66.0#
105	64.4	24.2	64.2#

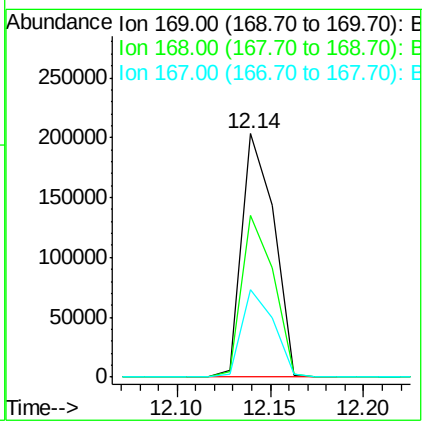


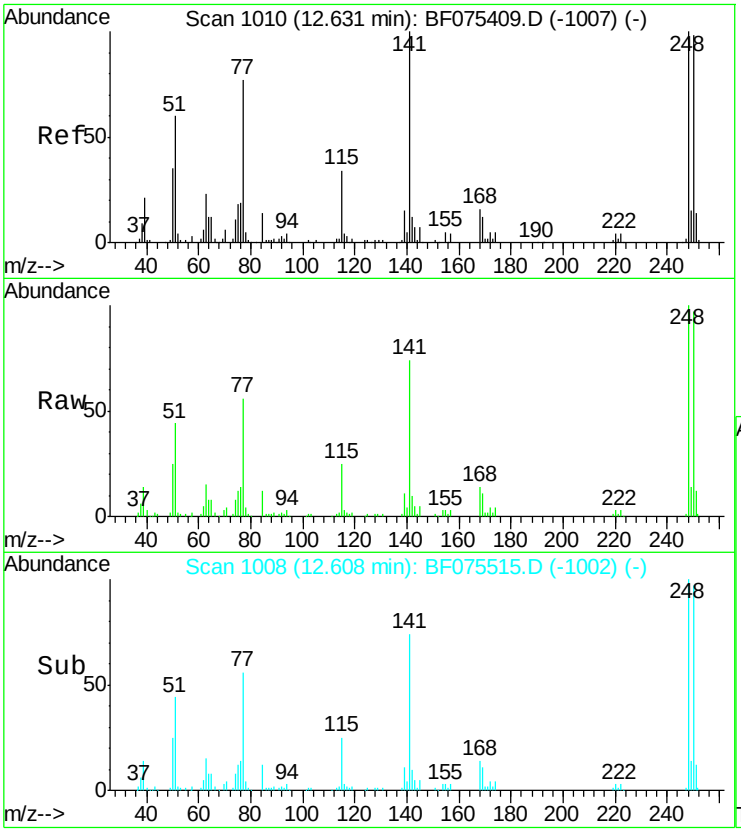


#65
n-Nitrosodiphenylamine
Concen: 40.12 ng
RT: 12.14 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:169 Resp: 242934

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.5	80.3
167	35.8	29.8	44.6



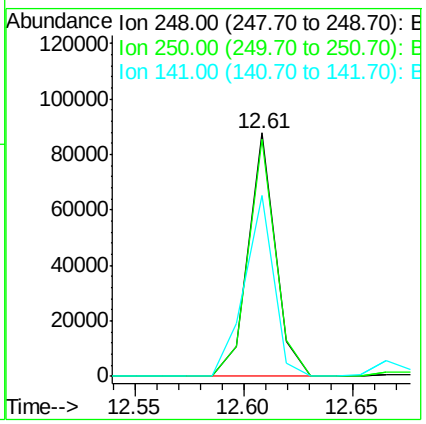


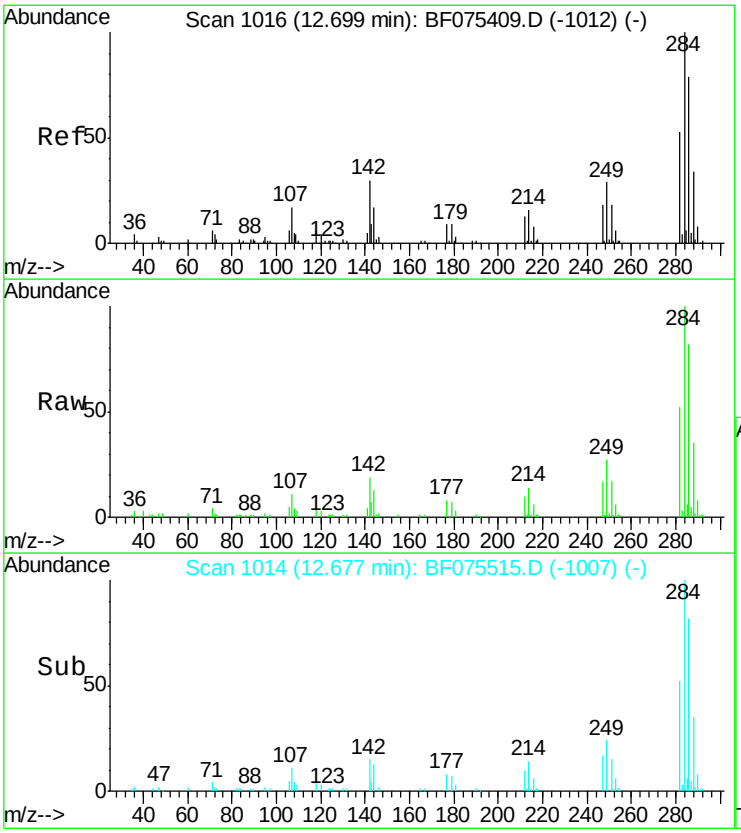
#66
4-Bromophenyl-phenylether
Concen: 42.44 ng
RT: 12.61 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:248 Resp: 76426

Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.3	114.5
141	74.4	44.3	66.5#

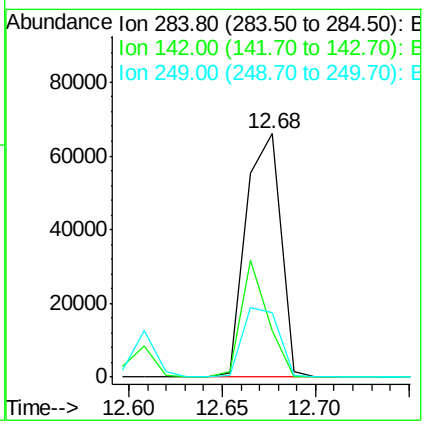


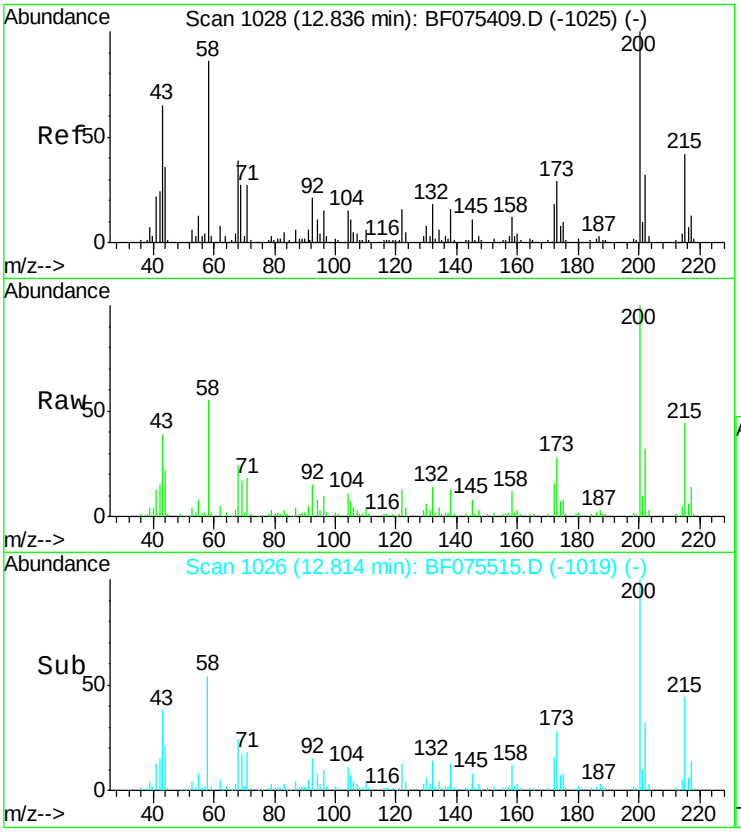


#67
Hexachlorobenzene
Concen: 41.58 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:284 Resp: 85049

Ion	Ratio	Lower	Upper
284	100		
142	19.2	28.7	43.1#
249	26.6	24.1	36.1



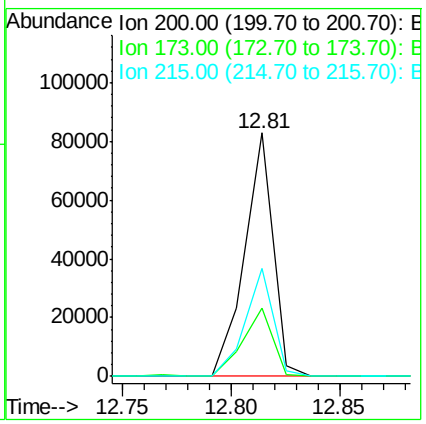


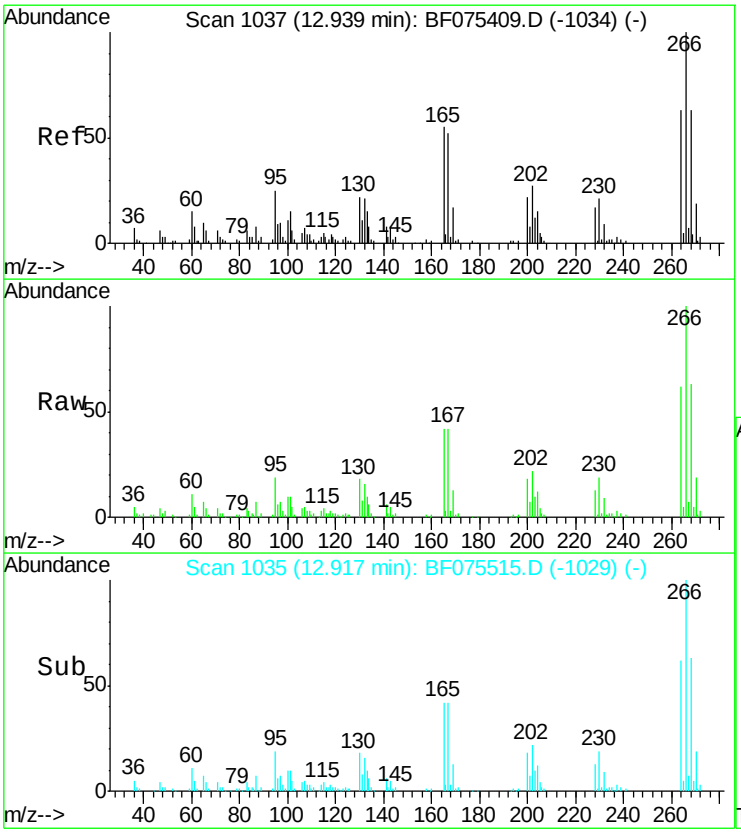
#68
Atrazine
Concen: 40.09 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:200 Resp: 75332

Ion	Ratio	Lower	Upper
200	100		
173	27.8	12.3	52.3
215	44.1	23.8	63.8

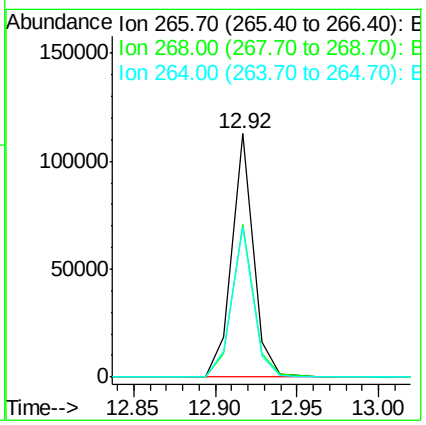


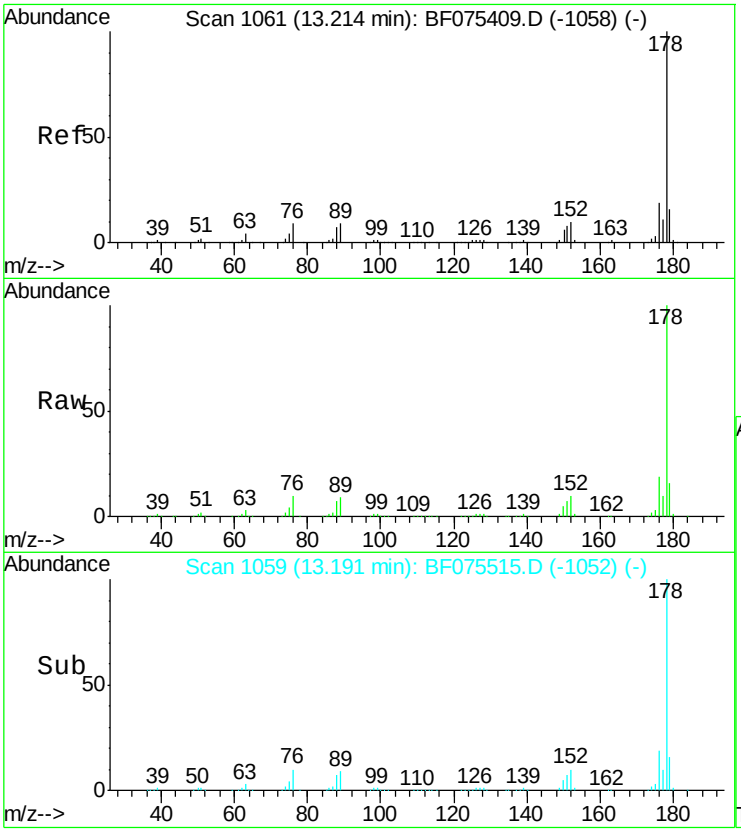


#69
Pentachlorophenol
Concen: 80.72 ng
RT: 12.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:266 Resp: 103612

Ion	Ratio	Lower	Upper
266	100		
268	62.7	48.6	73.0
264	61.6	52.1	78.1



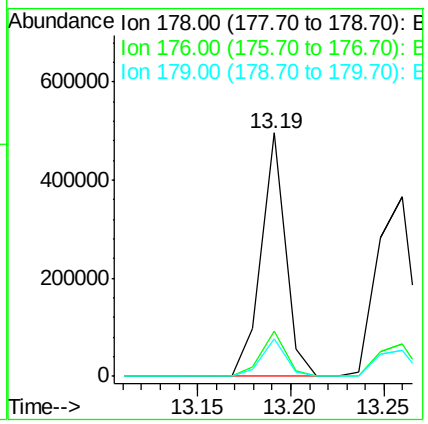


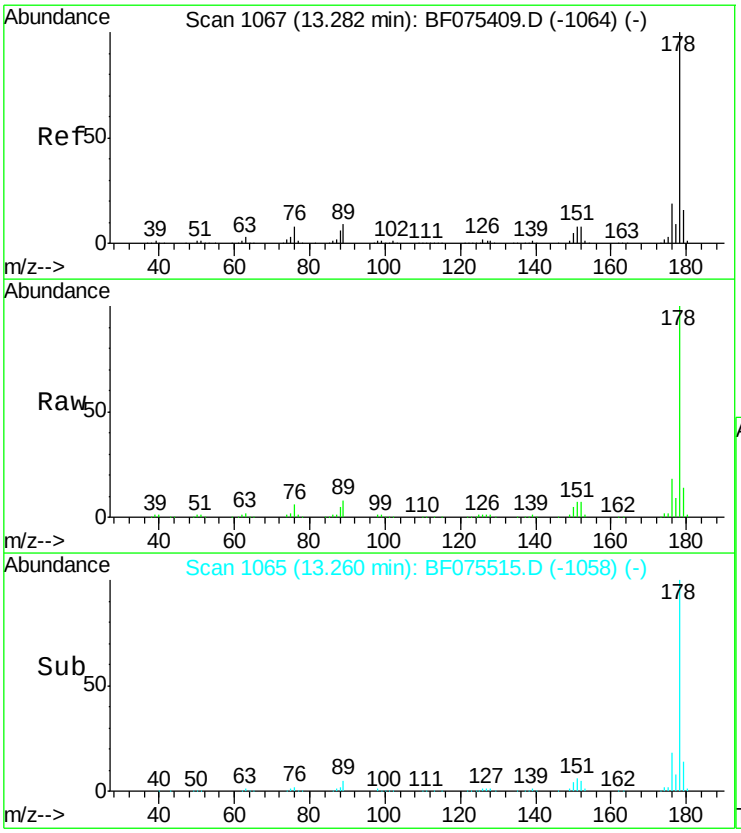
#70
Phenanthrene
Concen: 44.33 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:178 Resp: 446571

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.2	18.4

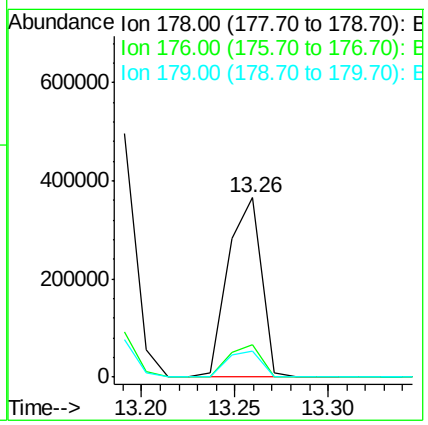


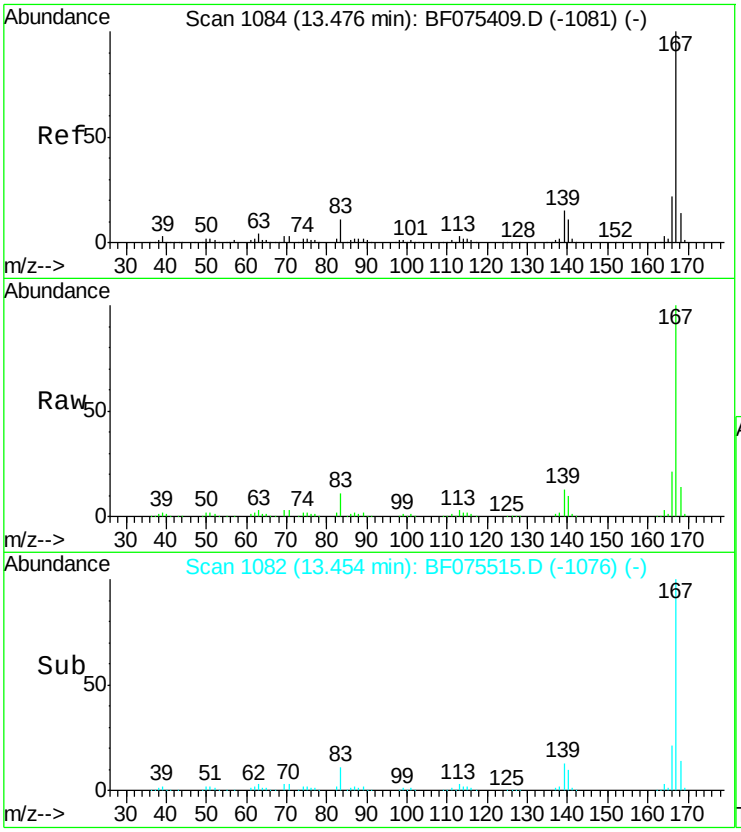


#71
Anthracene
Concen: 43.92 ng
RT: 13.26 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:178 Resp: 457388

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	14.4	12.2	18.2



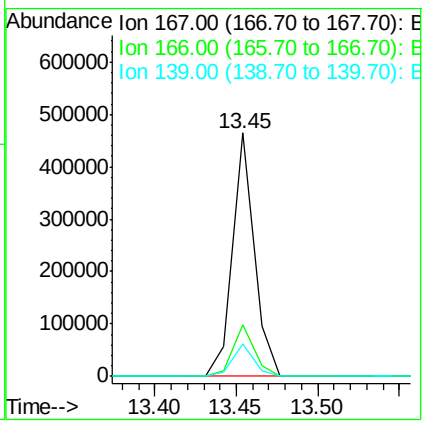


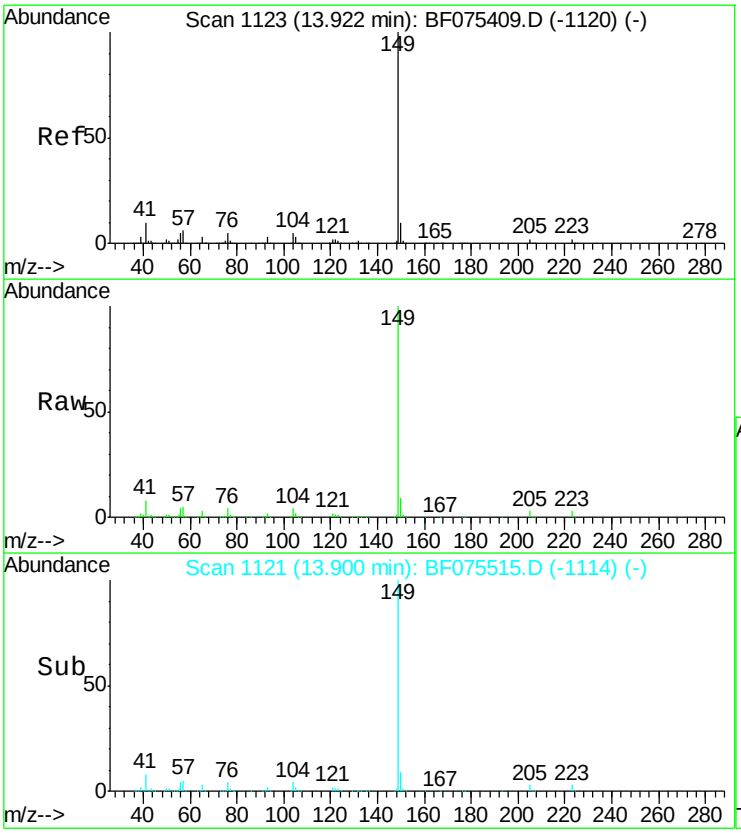
#72
Carbazole
Concen: 41.69 ng
RT: 13.45 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:167 Resp: 424775

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.3	10.1	15.1

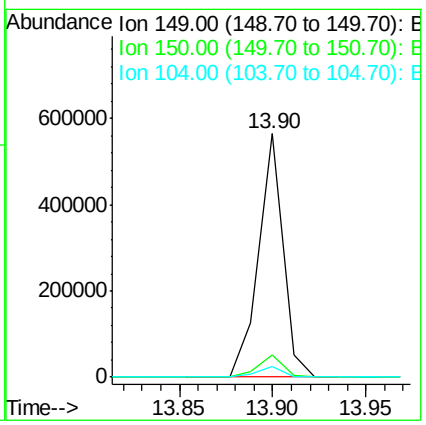


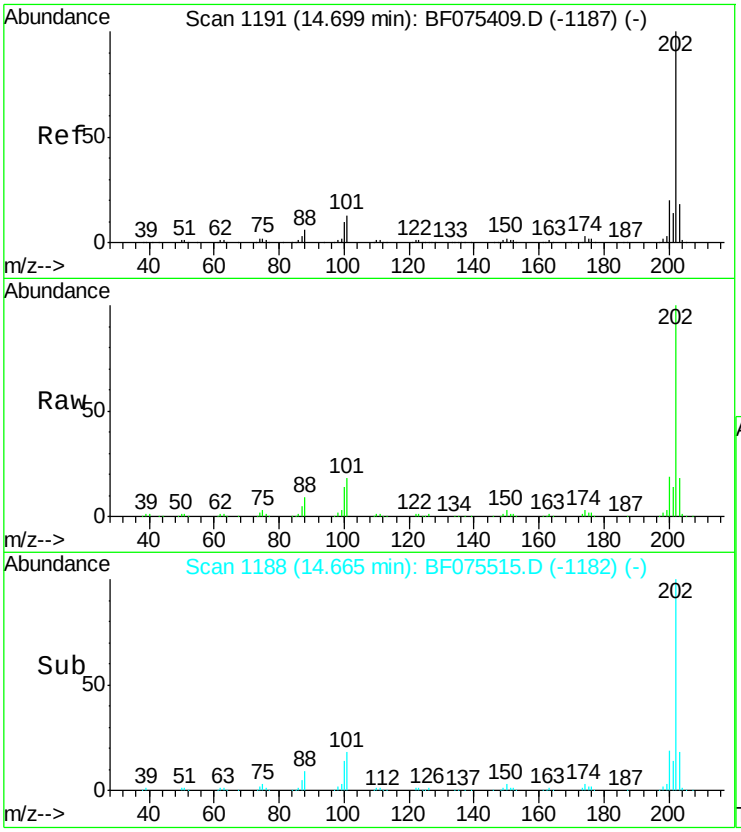


#73
Di-n-butylphthalate
Concen: 36.27 ng
RT: 13.90 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:149 Resp: 510534

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.2	3.1	4.7



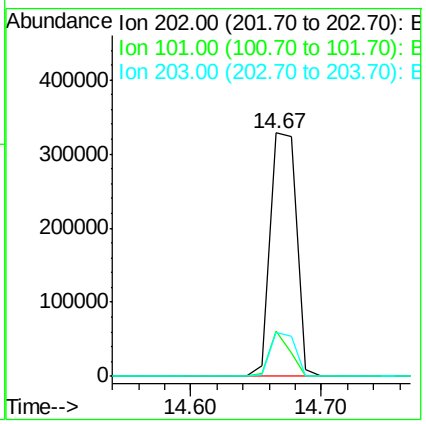


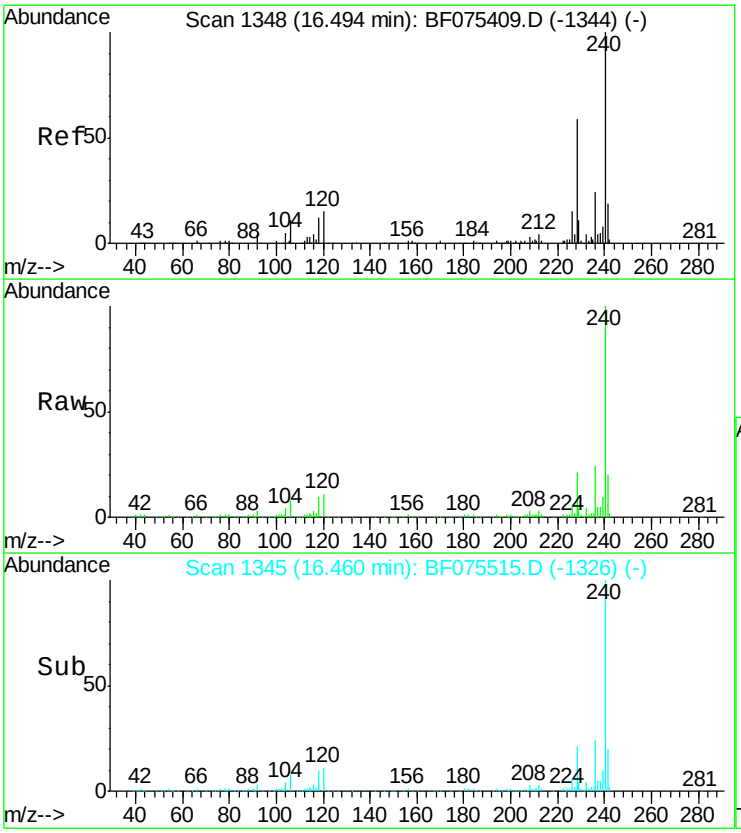
#74
Fluoranthene
Concen: 43.01 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:202 Resp: 464090

Ion	Ratio	Lower	Upper
202	100		
101	18.4	0.0	36.6
203	18.0	0.0	38.2

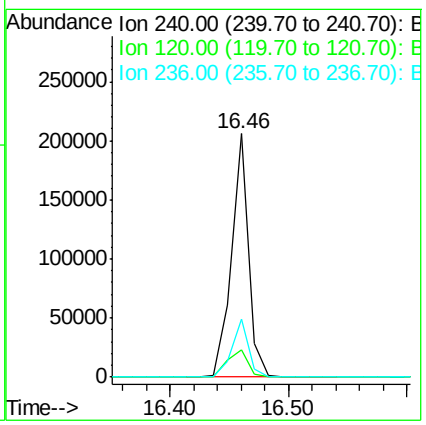


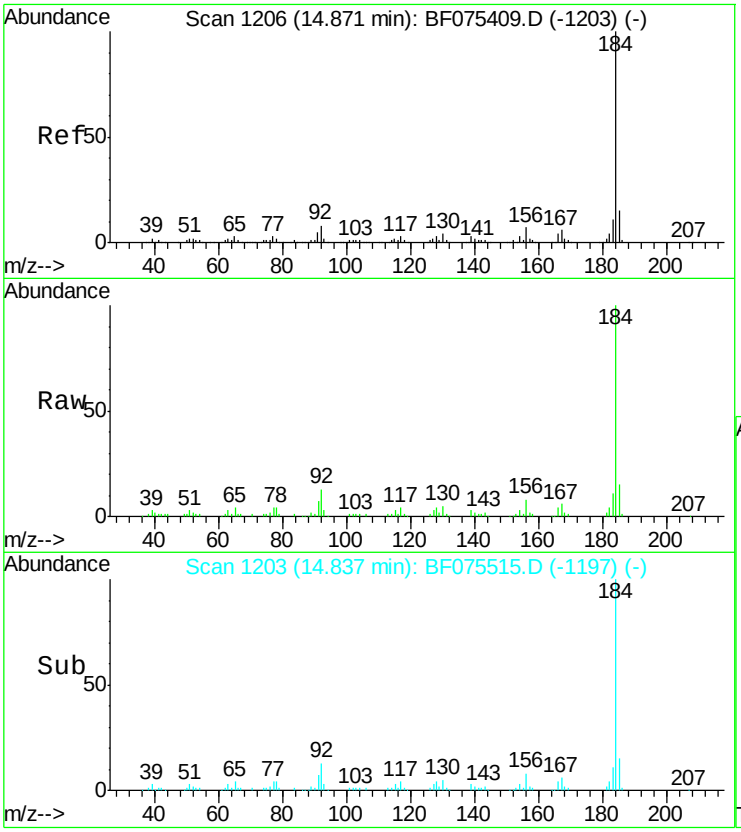


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:240 Resp: 205313

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	23.9	18.9	28.3



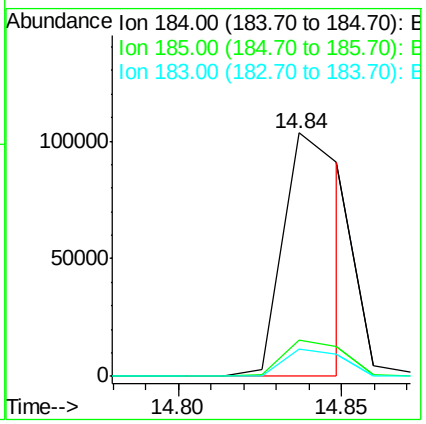


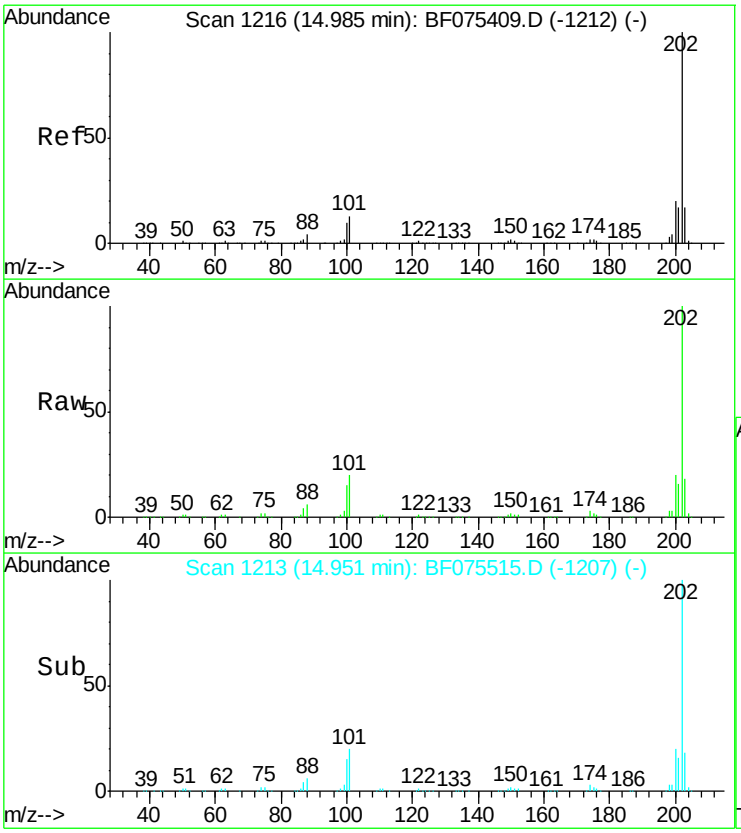
#76
Benzidine
Concen: 20.74 ng
RT: 14.84 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:184 Resp: 135376

Ion	Ratio	Lower	Upper
184	100		
185	14.8	10.9	16.3
183	11.0	8.7	13.1

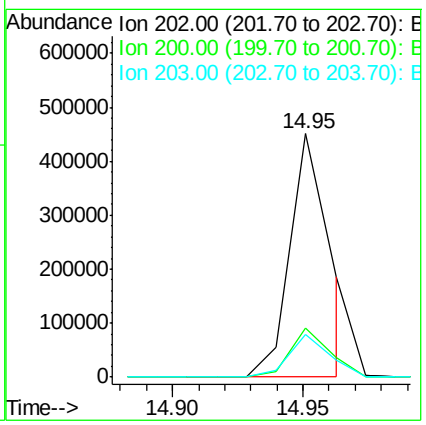


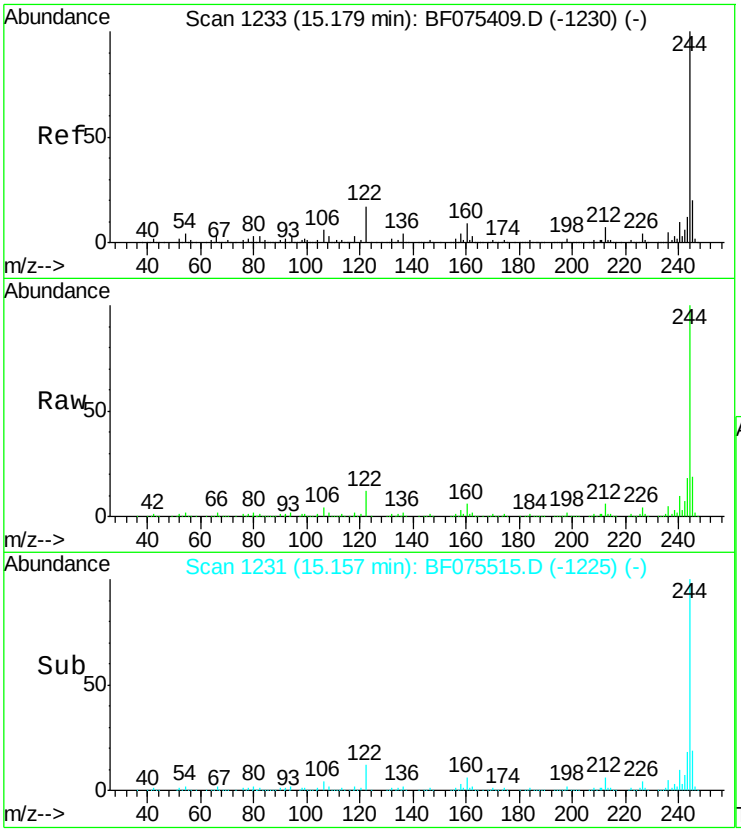


#77
Pyrene
Concen: 39.70 ng
RT: 14.95 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:202 Resp: 473834

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.8	14.3	21.5



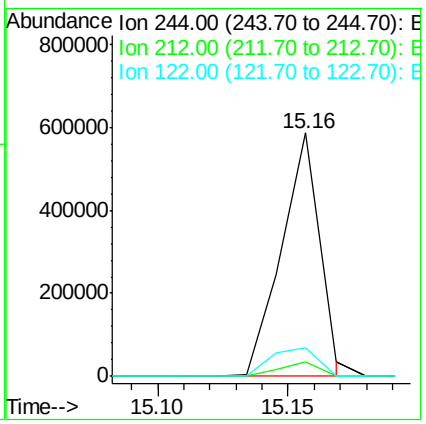


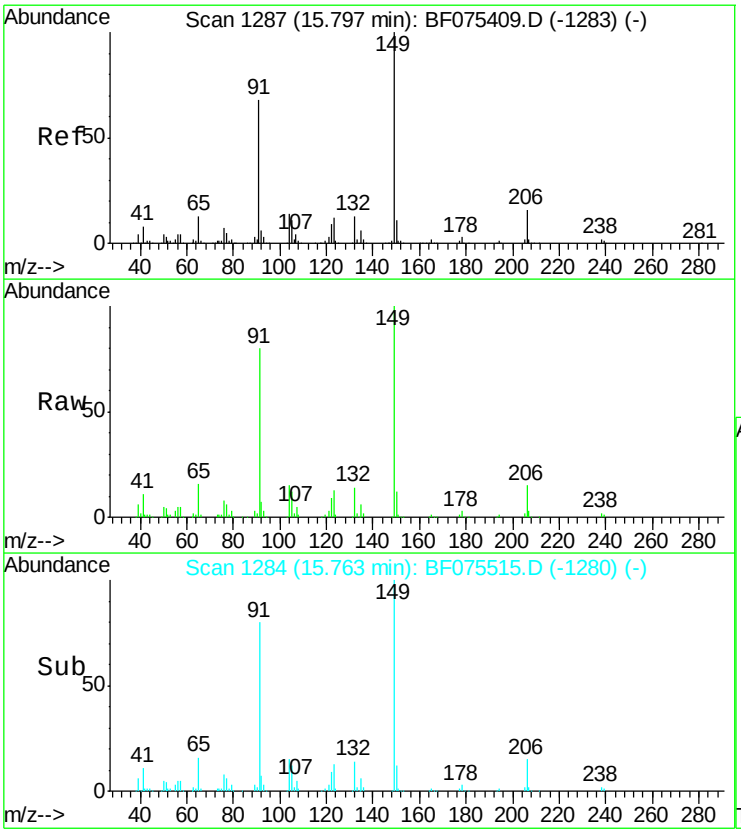
#78
Terphenyl-d14
Concen: 78.33 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tgt Ion:244 Resp: 597355

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.5	8.3
122	11.5	9.7	14.5





#79
Butylbenzylphthalate
Concen: 33.90 ng
RT: 15.76 min Scan# 1284
Delta R.T. -0.06 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion:149 Resp: 227264

Ion	Ratio	Lower	Upper
149	100		
91	79.6	49.0	73.4#
206	15.5	15.5	23.3#