Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
Data File : BF083848.D
Acq On : 16 Dec 2015 15:13
Operator : UM/SJ
Sample : G4772-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-6AMSD

Quant Time: Dec 17 03:22:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96508	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	397428	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	183398	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	345367	20.00	ng		-0.03
75) Chrysene-d12	14.05	240	221817	20.00	ng		-0.02
86) Perylene-d12	15.48	264	181544	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	826984	138.24	ng		-0.01
7) Phenol-d6	6.53	99	978039	129.10	ng		-0.01
23) Nitrobenzene-d5	7.46	82	607764	85.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	295164	157.94	ng		-0.02
44) 2-Fluorobiphenyl	9.25	172	1021018	80.16	ng		-0.03
78) Terphenyl-d14	13.00	244	1047812	101.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	100137	34.62	ng	#	82
3) Pyridine	3.30	79	268993	36.96	ng	#	83
4) n-Nitrosodimethylamine	3.25	42	122356	44.44	ng	#	64
6) Aniline	6.56	93	289768	28.16	ng		98
8) 2-Chlorophenol	6.68	128	317064	45.10	ng		87
9) Benzaldehyde	6.67	77	20106	4.94	ng		94
10) Phenol	6.54	94	310196	35.57	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	302709	47.94	ng	#	83
12) 1,3-Dichlorobenzene	6.91	146	336797	45.15	ng		99
13) 1,4-Dichlorobenzene	6.91	146	336797	44.67	ng		100
14) 1,2-Dichlorobenzene	7.07	146	323725	47.79	ng		96
15) Benzyl Alcohol	7.04	79	266475	47.88	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	313706	38.26	ng		71
17) 2-Methylphenol	7.15	107	259936	45.99	ng	#	86
18) Hexachloroethane	7.41	117	123547	46.15	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	194382	41.90	ng		91
20) 3+4-Methylphenols	7.31	107	323032	48.41	ng	#	69
22) Acetophenone	7.31	105	417595	42.83	ng	#	99
24) Nitrobenzene	7.48	77	338089	45.73	ng	#	73
25) Isophorone	7.72	82	600891	43.11	ng	#	90
26) 2-Nitrophenol	7.79	139	161991	45.61	ng		87
27) 2,4-Dimethylphenol	7.84	122	301354	43.18	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	365831	46.00	ng	#	97
29) 2,4-Dichlorophenol	8.04	162	279580	48.80	ng		93
30) 1,2,4-Trichlorobenzene	8.12	180	271168	45.64	ng		95
31) Naphthalene	8.20	128	966747	46.66	ng		99
32) Benzoic acid	7.84	122	301354	69.28	ng	#	10
33) 4-Chloroaniline	8.25	127	150291	17.76	ng	#	84
34) Hexachlorobutadiene	8.33	225	152277	46.71	ng		97
35) Caprolactam	8.61	113	48383	26.30	ng	#	63
36) 4-Chloro-3-methylphenol	8.74	107	327909	48.93	ng		86
37) 2-Methylnaphthalene	8.89	142	586941	45.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	248974	46.02	ng	#	100
40) Hexachlorocyclopentadiene	9.05	237	212570	77.54	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
Data File : BF083848.D
Acq On : 16 Dec 2015 15:13
Operator : UM/SJ
Sample : G4772-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VITALE-FILL-SOURCE-6AMSD

Quant Time: Dec 17 03:22:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	189466	47.84	ng		96
43) 2,4,5-Trichlorophenol	9.21	196	184638	49.15	ng	#	88
45) 1,1'-Biphenyl	9.36	154	747311	45.98	ng		95
46) 2-Chloronaphthalene	9.38	162	543660	45.31	ng	#	92
47) 2-Nitroaniline	9.47	65	163561	48.07	ng	#	75
48) Acenaphthylene	9.79	152	872458	43.22	ng		99
49) Dimethylphthalate	9.66	163	913603	63.90	ng		98
50) 2,6-Dinitrotoluene	9.72	165	156391	51.54	ng	#	51
51) Acenaphthene	9.96	154	557044	45.65	ng		99
52) 3-Nitroaniline	9.88	138	108694	31.07	ng	#	75
53) 2,4-Dinitrophenol	9.98	184	70441	52.48	ng	#	80
54) Dibenzofuran	10.13	168	787787	48.72	ng	#	89
55) 4-Nitrophenol	10.05	139	234555	90.54	ng		82
56) 2,4-Dinitrotoluene	10.12	165	213760	53.92	ng	#	74
57) Fluorene	10.48	166	559537	43.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	159391	56.57	ng	#	100
59) Diethylphthalate	10.36	149	714875	49.38	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	280803	48.36	ng		91
61) 4-Nitroaniline	10.50	138	151477	49.12	ng		91
62) Azobenzene	10.64	77	674802	51.14	ng		85
64) 4,6-Dinitro-2-methylphenol	10.53	198	107258	54.58	ng	#	55
65) n-Nitrosodiphenylamine	10.59	169	539492	45.67	ng		98
66) 4-Bromophenyl-phenylether	10.96	248	175082	45.34	ng	#	77
67) Hexachlorobenzene	11.04	284	207675	49.70	ng	#	78
68) Atrazine	11.12	200	159915	47.58	ng		96
69) Pentachlorophenol	11.22	266	181351	76.95	ng		99
70) Phenanthrene	11.44	178	807014	43.99	ng		99
71) Anthracene	11.49	178	928058	48.70	ng		99
72) Carbazole	11.64	167	801973	45.17	ng	#	96
73) Di-n-butylphthalate	11.97	149	972304	45.10	ng		99
74) Fluoranthene	12.62	202	880602	46.45	ng		99
76) Benzidine	12.74	184	291734	43.16	ng		97
77) Pyrene	12.85	202	903804	51.55	ng		99
79) Butylbenzylphthalate	13.47	149	424188	56.37	ng		91
80) Benzo(a)anthracene	14.04	228	641303	50.84	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	136273	29.95	ng		97
82) Chrysene	14.08	228	666102	54.14	ng		100
83) Bis(2-ethylhexyl)phthalate	14.03	149	467762	54.62	ng	#	97
84) Di-n-octyl phthalate	14.64	149	751827	55.25	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	607635	50.29	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	551089	47.58	ng		98
88) Benzo(k)fluoranthene	15.07	252	551089	52.51	ng	#	96
89) Benzo(a)pyrene	15.43	252	509737	49.32	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	501886	48.84	ng	#	96
91) Benzo(g,h,i)perylene	17.35	276	520023	49.23	ng		98

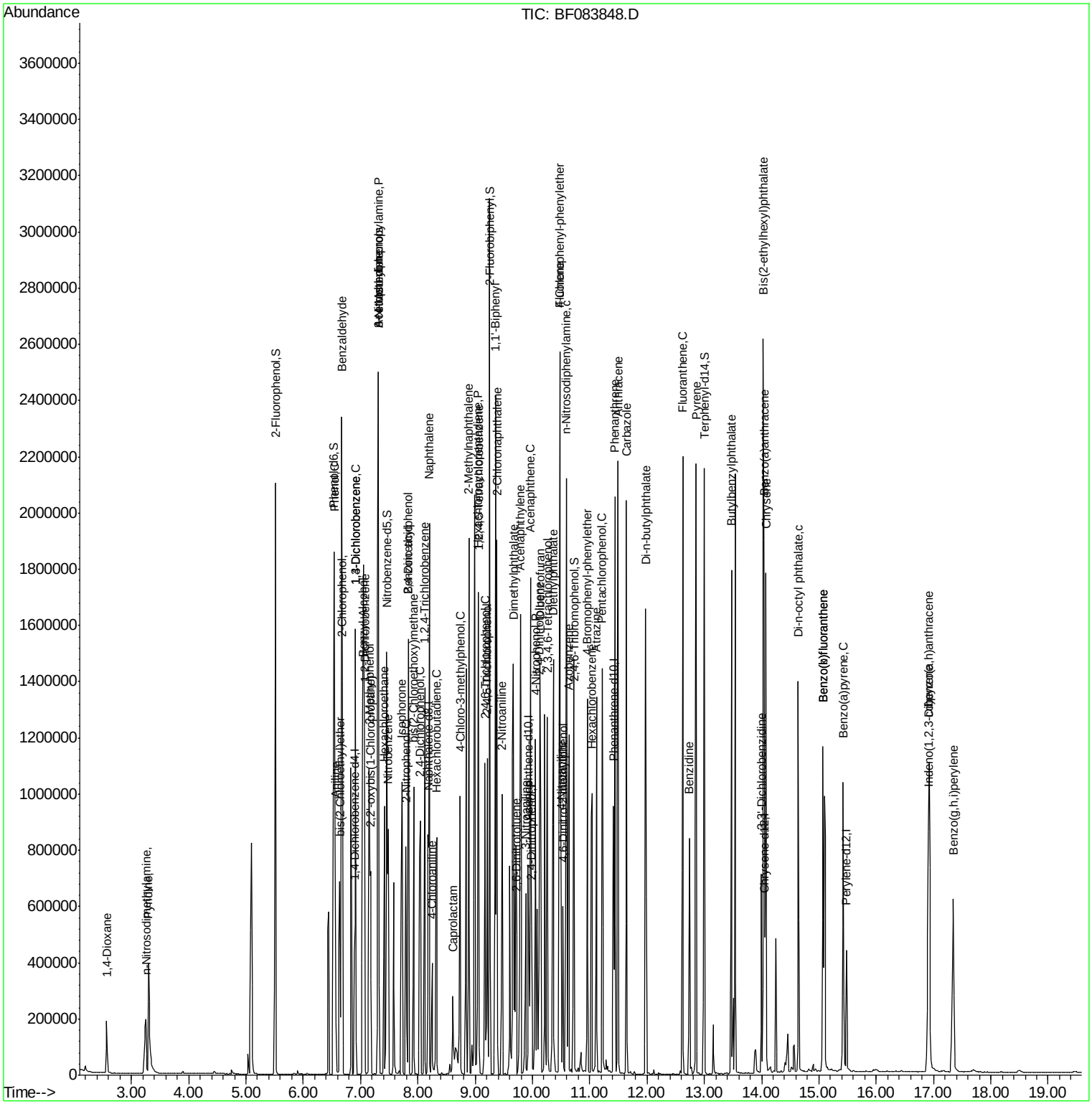
(#) = qualifier out of range (m) = manual integration (+) = signals summed

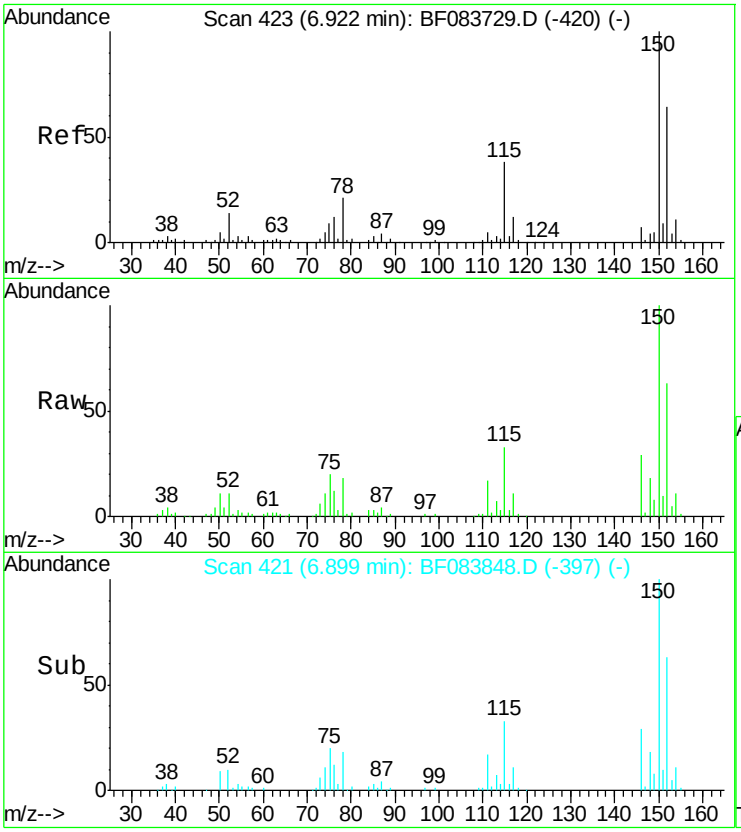
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
Data File : BF083848.D
Acq On : 16 Dec 2015 15:13
Operator : UM/SJ
Sample : G4772-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Quant Time: Dec 17 03:22:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



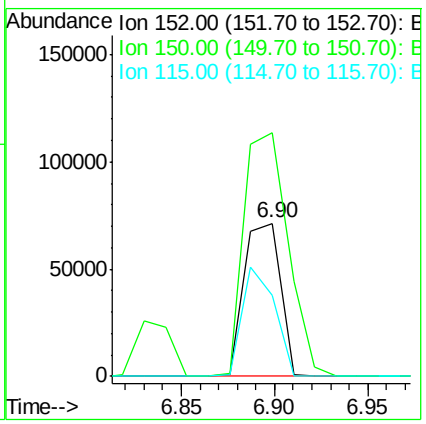


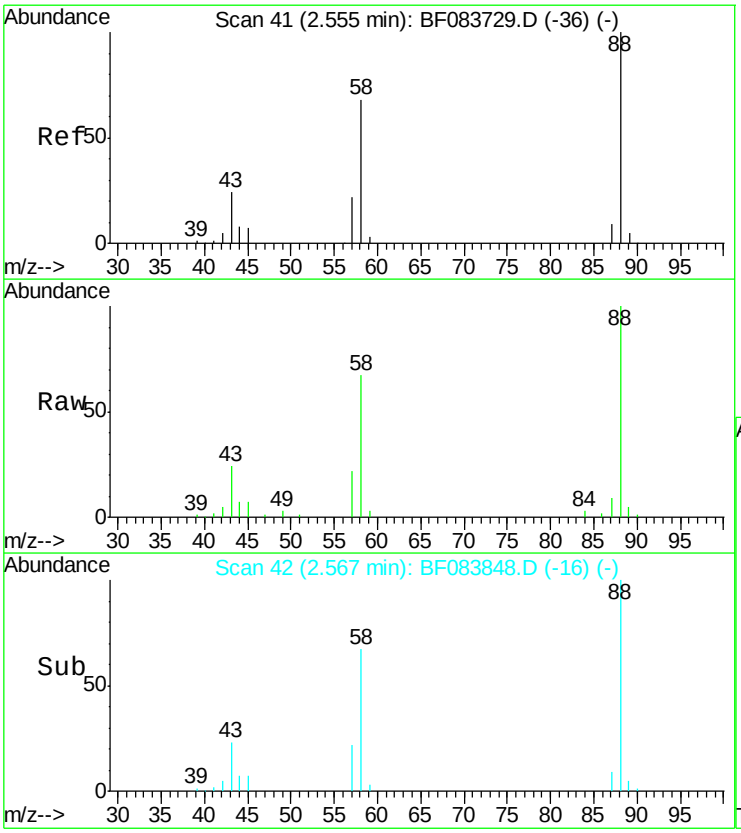
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:152 Resp: 96508

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.5	189.7
115	53.0	52.3	78.5

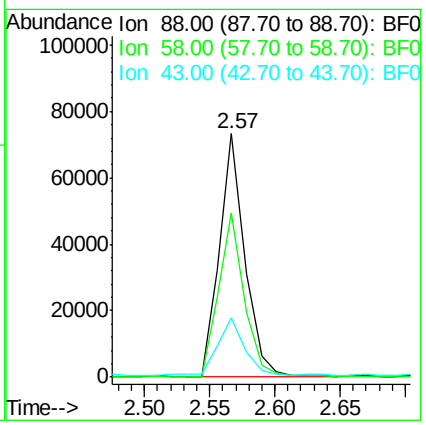


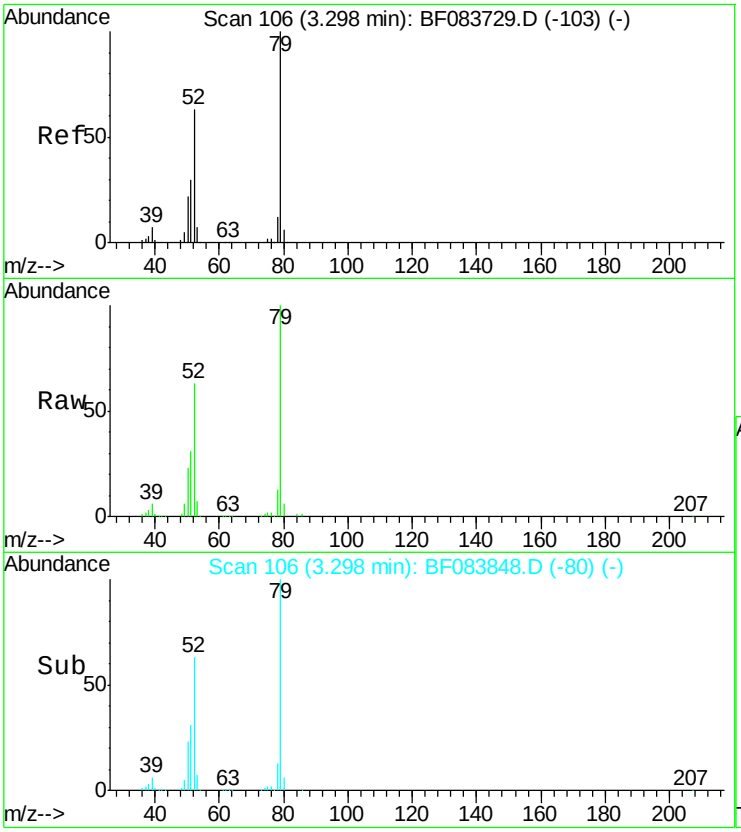


#2
1,4-Dioxane
Concen: 34.62 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.00 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 88 Resp: 100137

Ion	Ratio	Lower	Upper
88	100		
58	68.0	68.0	102.0#
43	25.4	27.9	41.9#



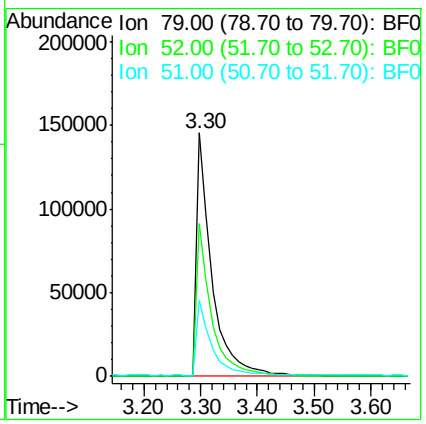


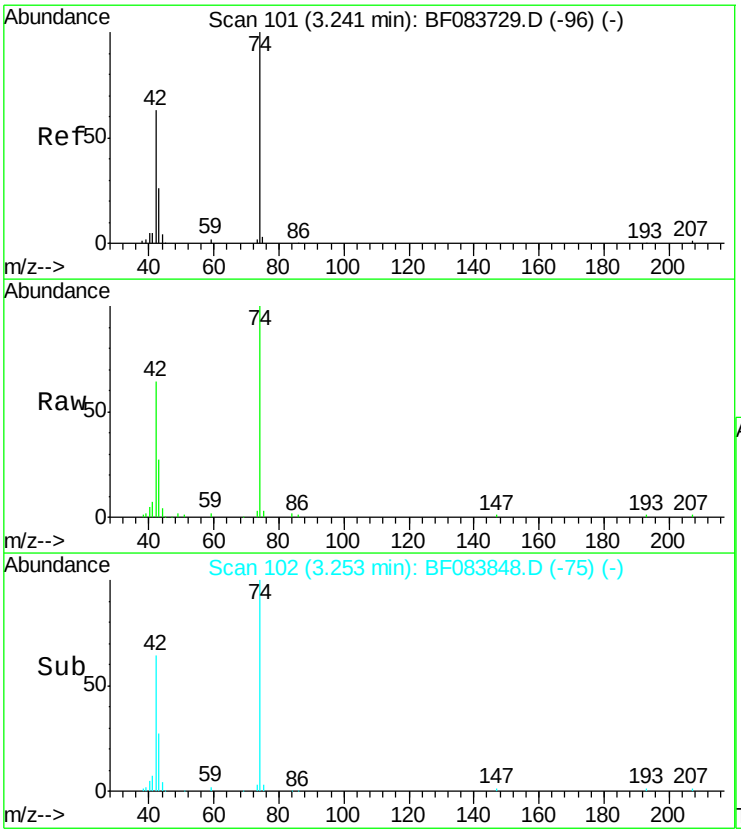
#3
Pyridine
Concen: 36.96 ng
RT: 3.30 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 79 Resp: 268993

Ion	Ratio	Lower	Upper
79	100		
52	63.0	63.7	95.5#
51	31.0	30.6	45.8

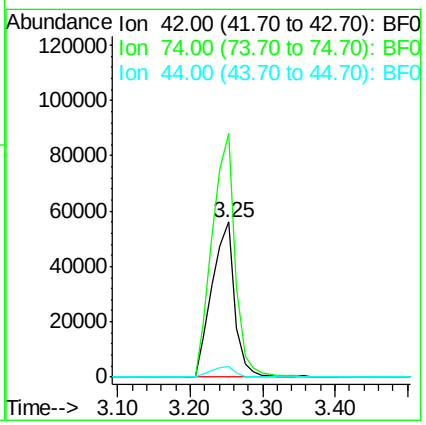


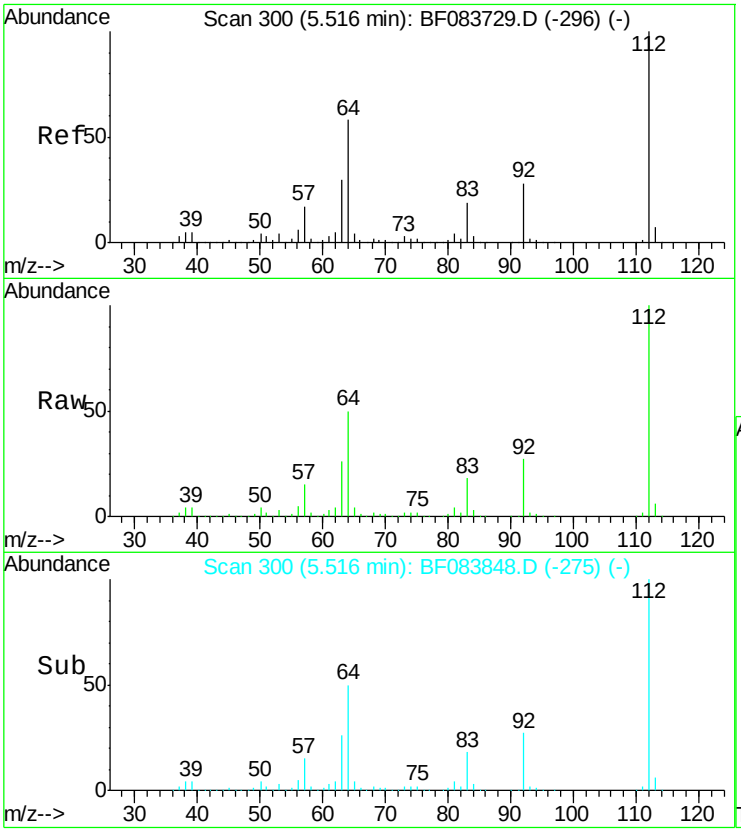


#4
n-Nitrosodimethylamine
Concen: 44.44 ng
RT: 3.25 min Scan# 102
Delta R.T. 0.01 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 42 Resp: 122356

Ion	Ratio	Lower	Upper
42	100		
74	157.4	92.9	139.3#
44	6.5	5.7	8.5



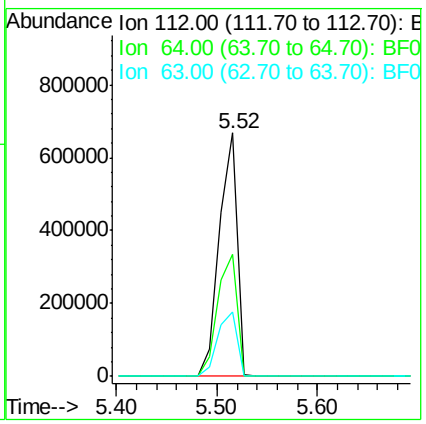


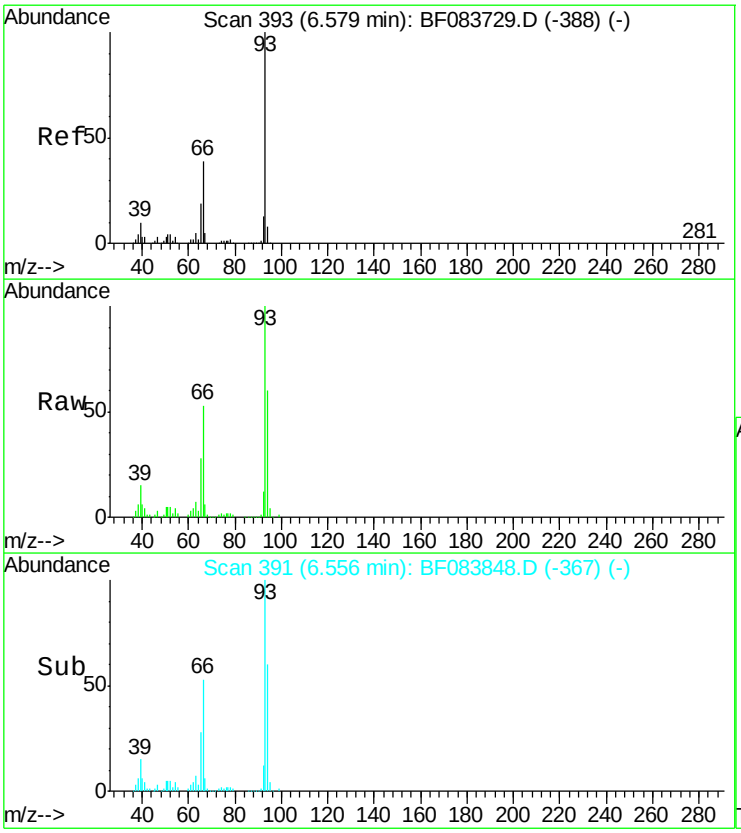
#5
2-Fluorophenol
Concen: 138.24 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:112 Resp: 826984

Ion	Ratio	Lower	Upper
112	100		
64	50.2	50.5	75.7#
63	26.4	25.8	38.6

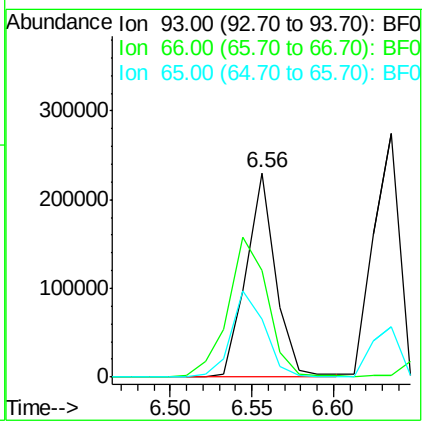


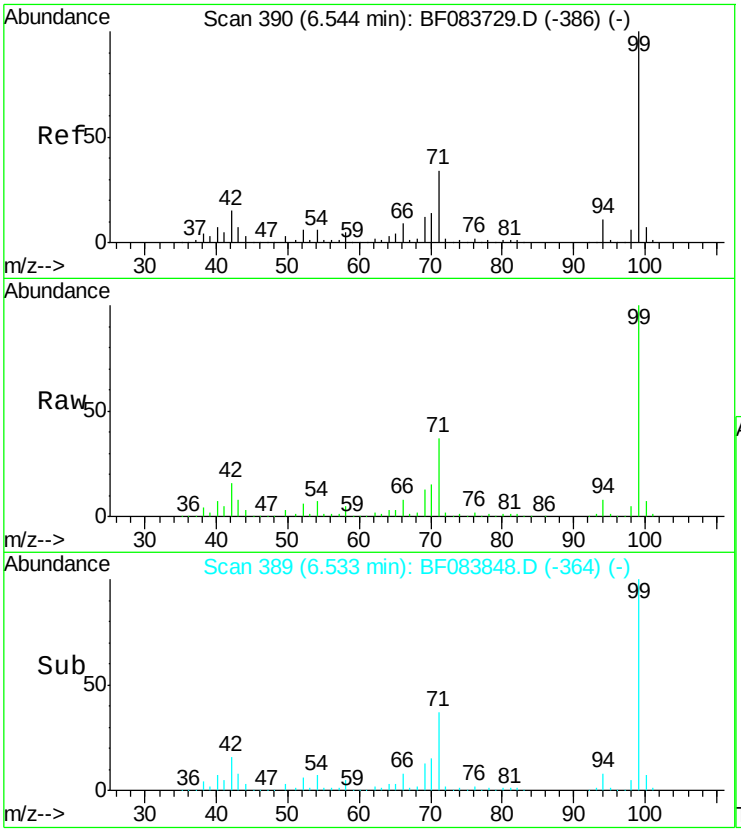


#6
Aniline
Concen: 28.16 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 93 Resp: 289768

Ion	Ratio	Lower	Upper
93	100		
66	52.5	41.3	61.9
65	28.4	20.8	31.2



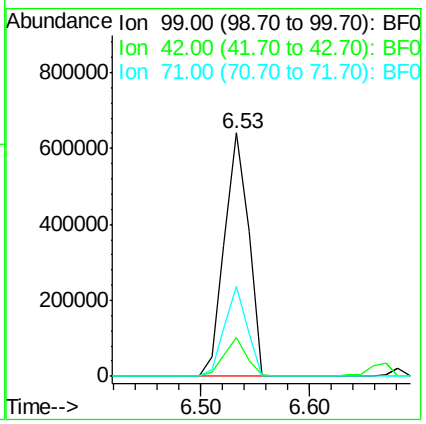


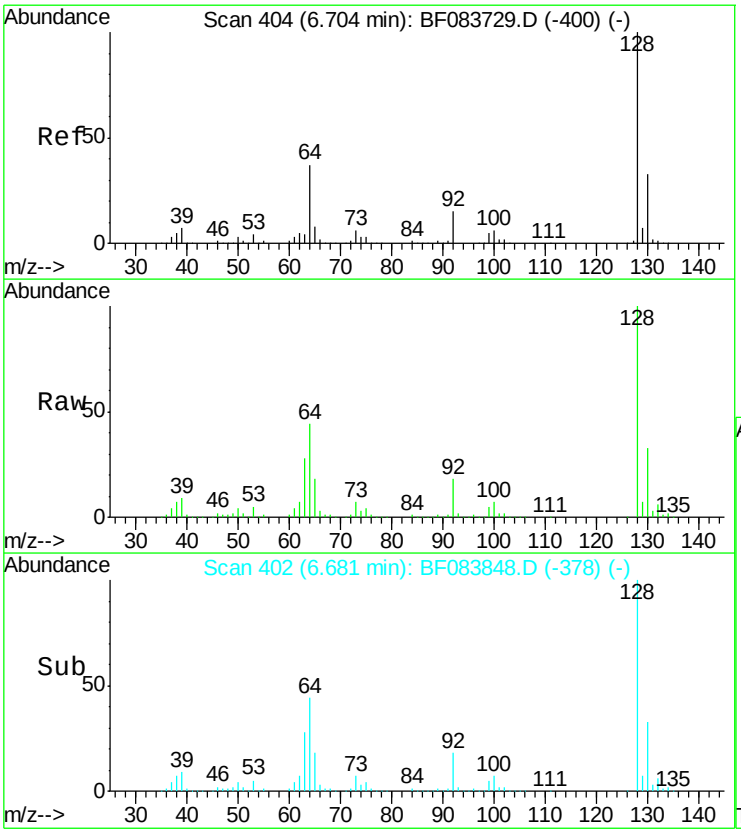
#7
Phenol-d6
Concen: 129.10 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 99 Resp: 978039

Ion	Ratio	Lower	Upper
99	100		
42	15.9	17.3	25.9#
71	37.0	26.6	40.0

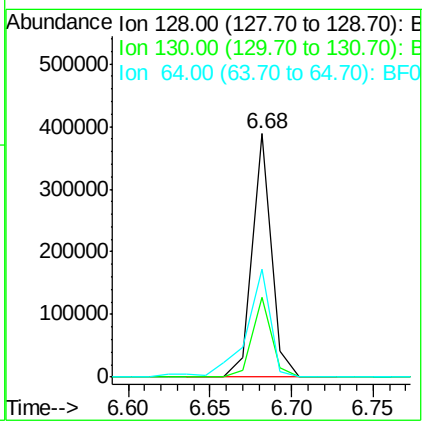


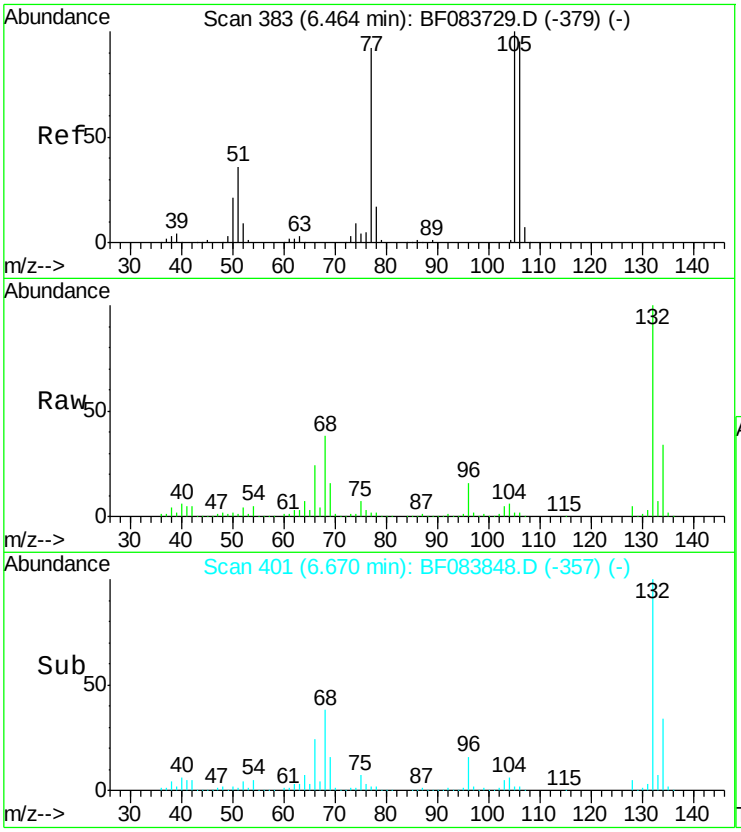


#8
2-Chlorophenol
Concen: 45.10 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:128 Resp: 317064

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	44.1	38.6	78.6



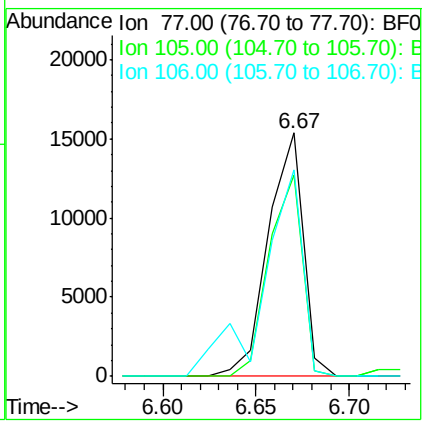


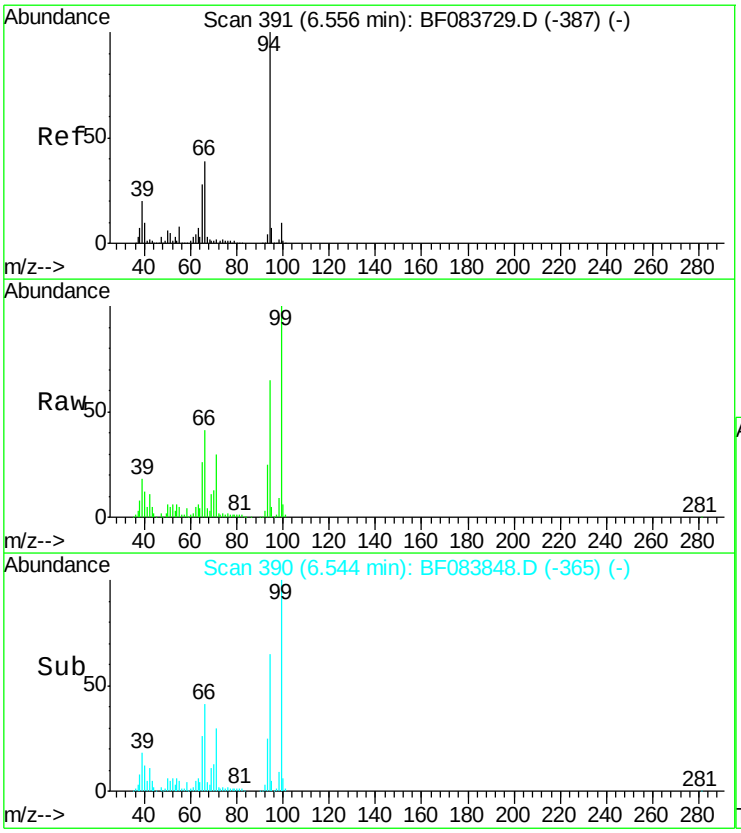
#9
Benzaldehyde
Concen: 4.94 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.21 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 77 Resp: 20106

Ion	Ratio	Lower	Upper
77	100		
105	82.7	71.8	111.8
106	84.8	66.8	106.8

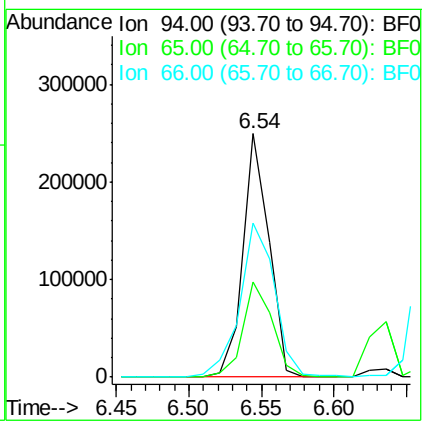


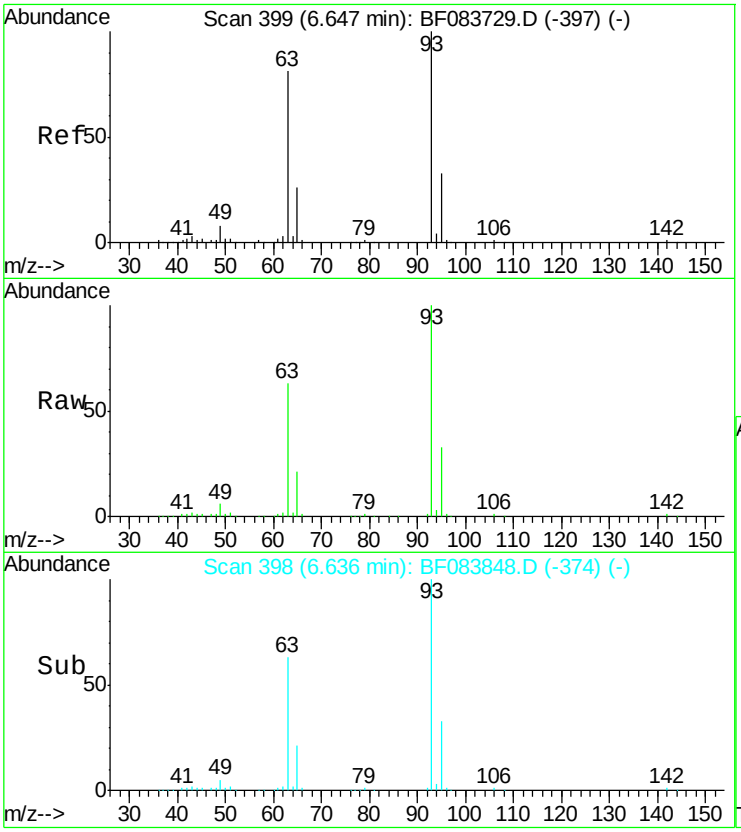


#10
Phenol
Concen: 35.57 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 94 Resp: 310196

Ion	Ratio	Lower	Upper
94	100		
65	39.1	20.9	60.9
66	63.5	41.6	81.6



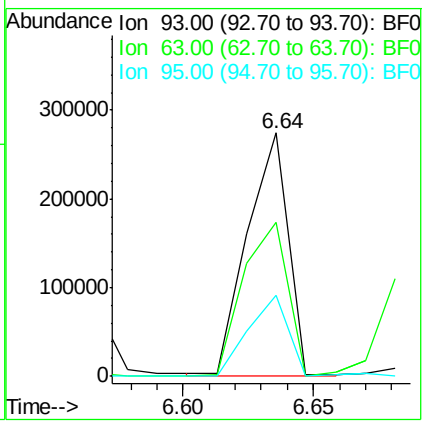


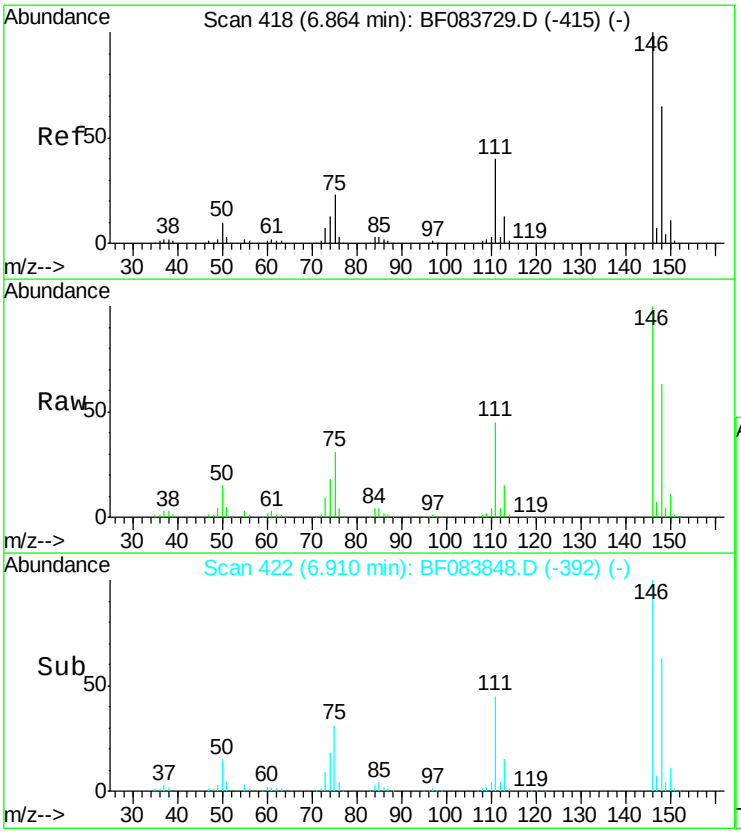
#11
bis(2-Chloroethyl)ether
Concen: 47.94 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 93 Resp: 302709

Ion	Ratio	Lower	Upper
93	100		
63	63.3	64.7	104.7#
95	33.4	12.7	52.7

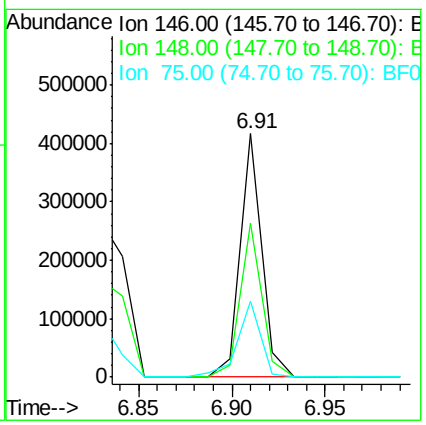


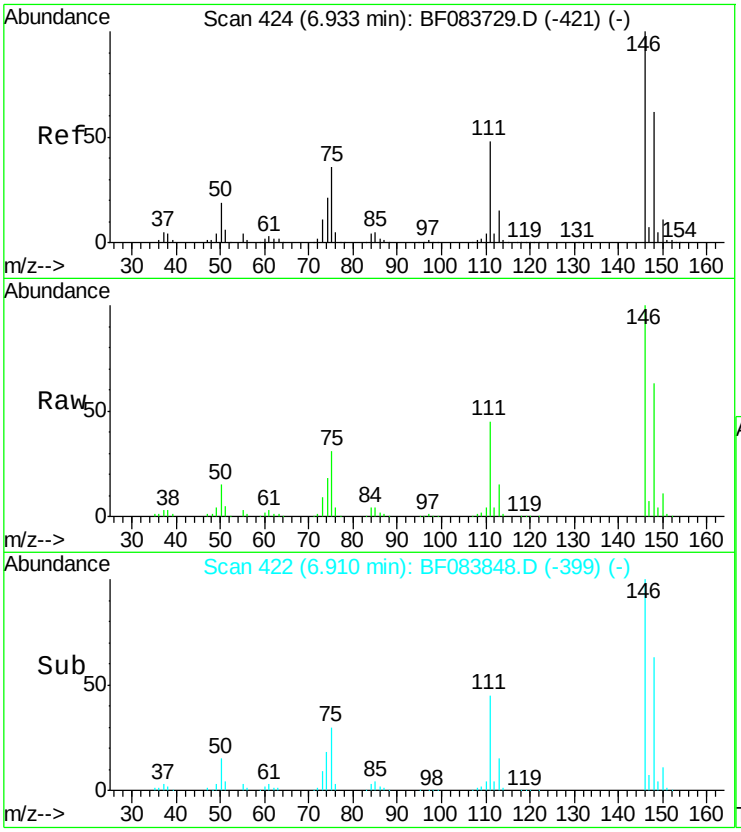


#12
1,3-Dichlorobenzene
Concen: 45.15 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.05 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:146 Resp: 336797

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
75	31.2	24.1	36.1



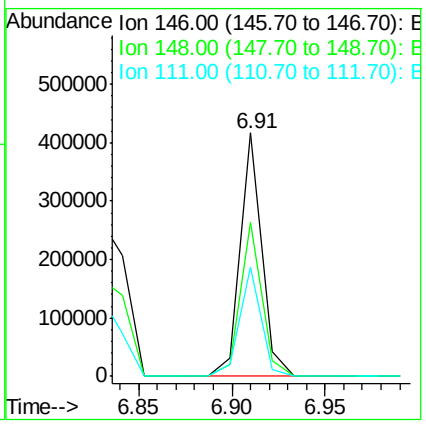


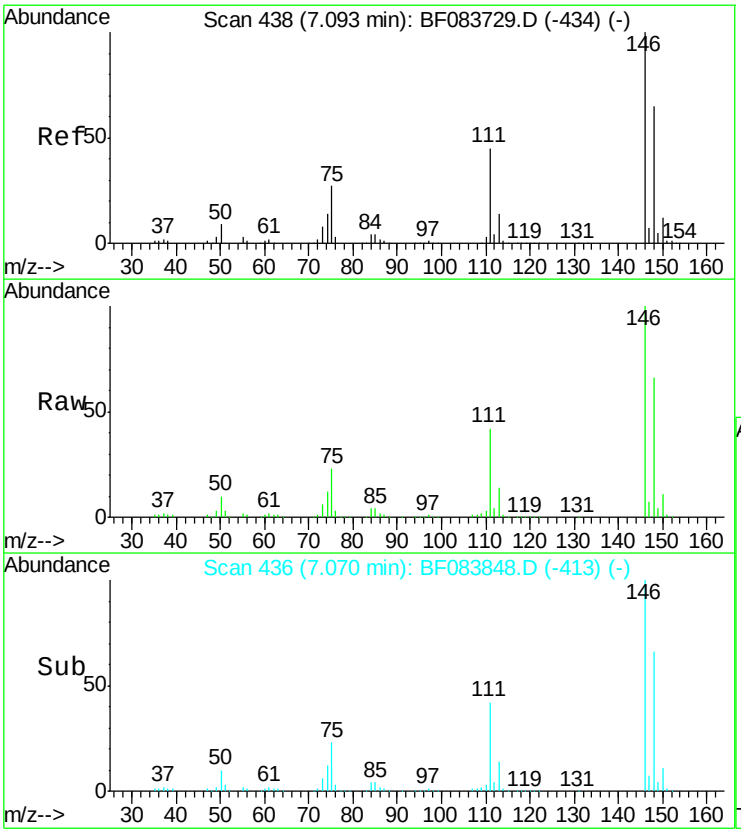
#13
1,4-Dichlorobenzene
Concen: 44.67 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:146 Resp: 336797

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	44.7	36.1	54.1

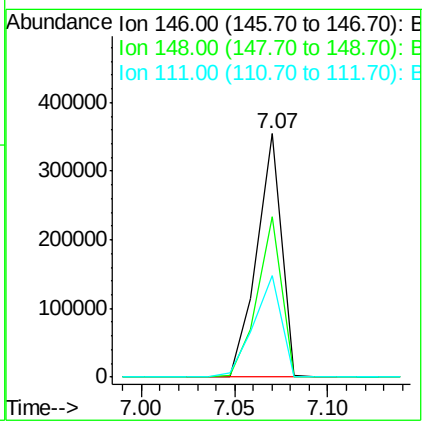


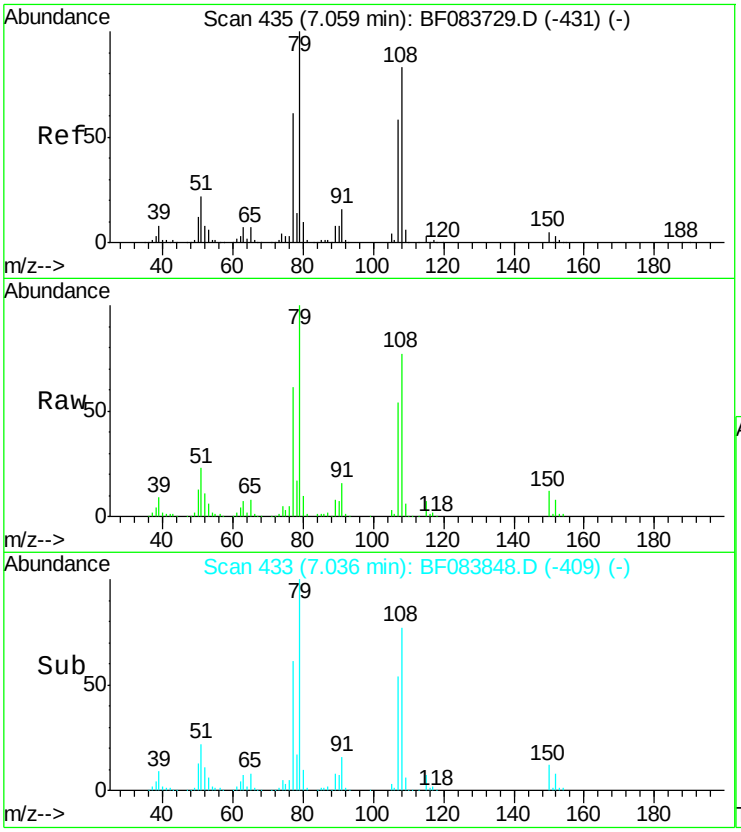


#14
1,2-Dichlorobenzene
Concen: 47.79 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:146 Resp: 323725

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.0
111	41.5	36.7	55.1



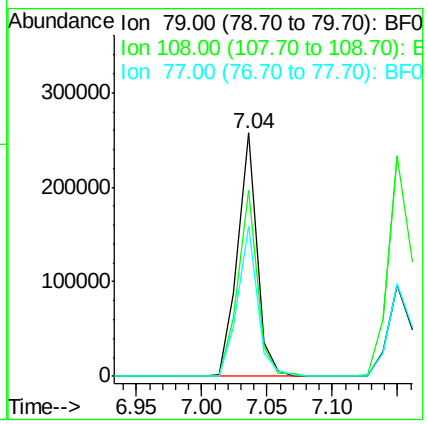


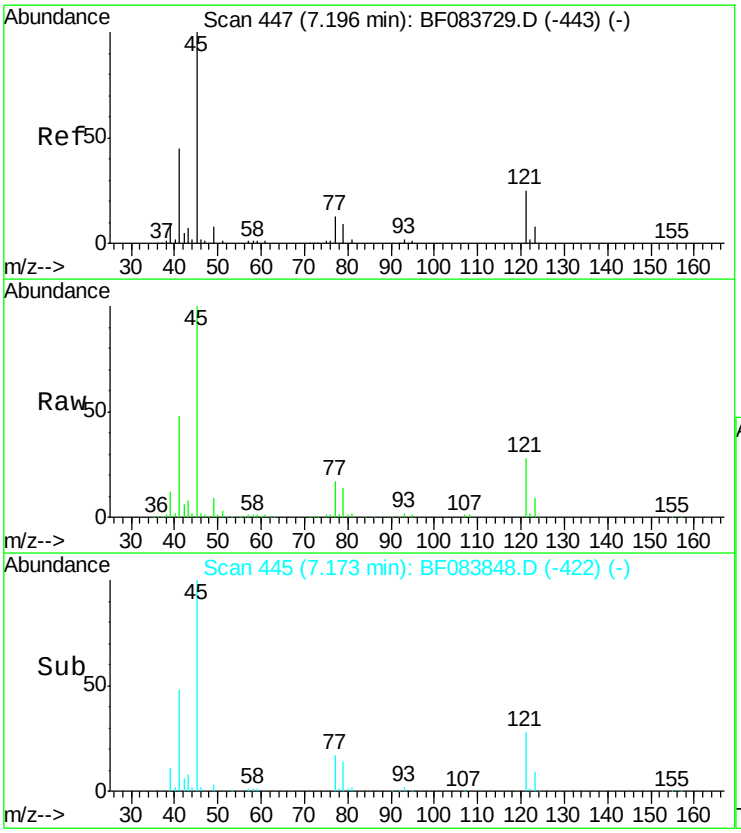
#15
Benzyl Alcohol
Concen: 47.88 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 79 Resp: 266475

Ion	Ratio	Lower	Upper
79	100		
108	76.6	59.6	89.4
77	61.5	49.8	74.6

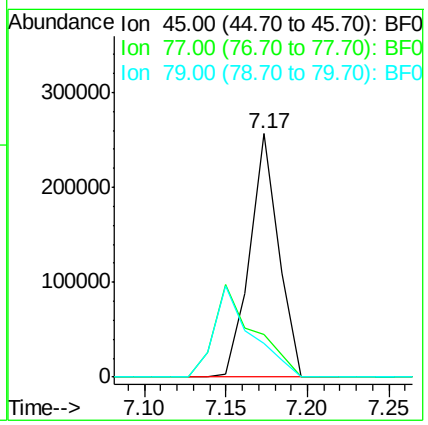


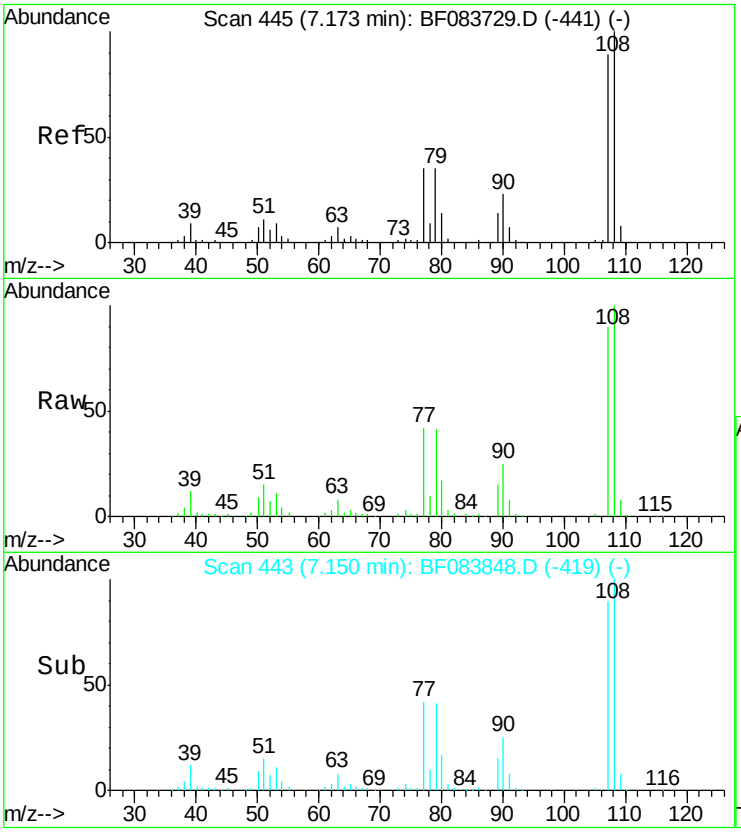


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.26 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 45 Resp: 313706

Ion	Ratio	Lower	Upper
45	100		
77	17.5	12.8	52.8
79	13.6	10.7	50.7



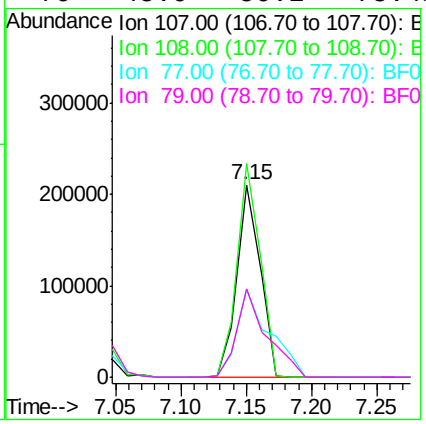


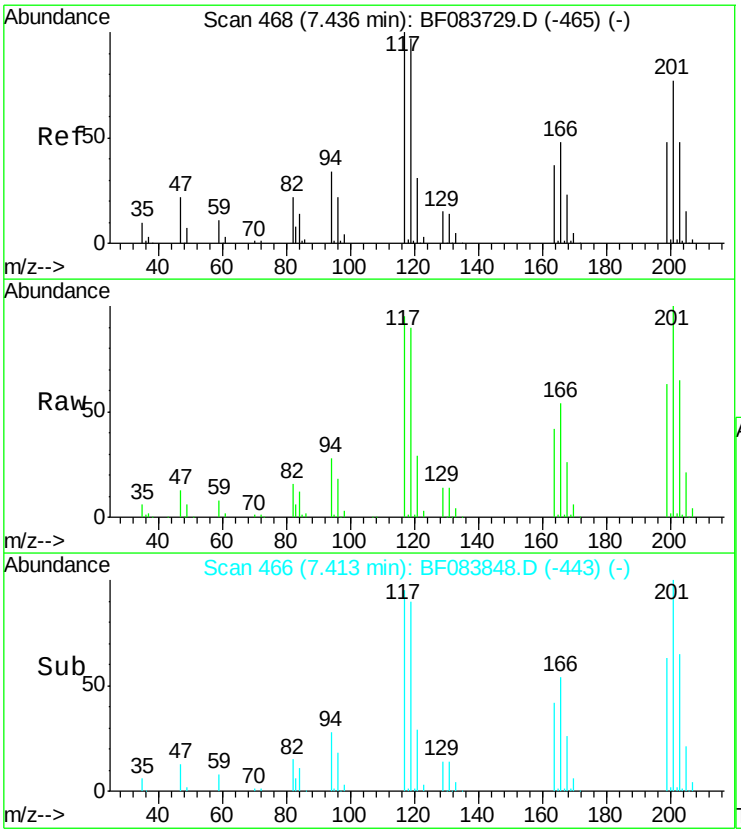
#17
2-Methylphenol
Concen: 45.99 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:107 Resp: 259936

Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.6	137.4
77	46.2	53.7	80.5#
79	45.9	50.2	75.4#

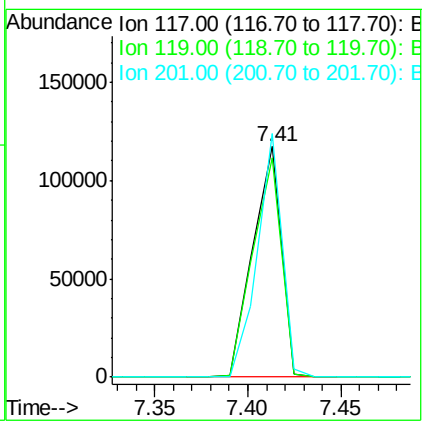


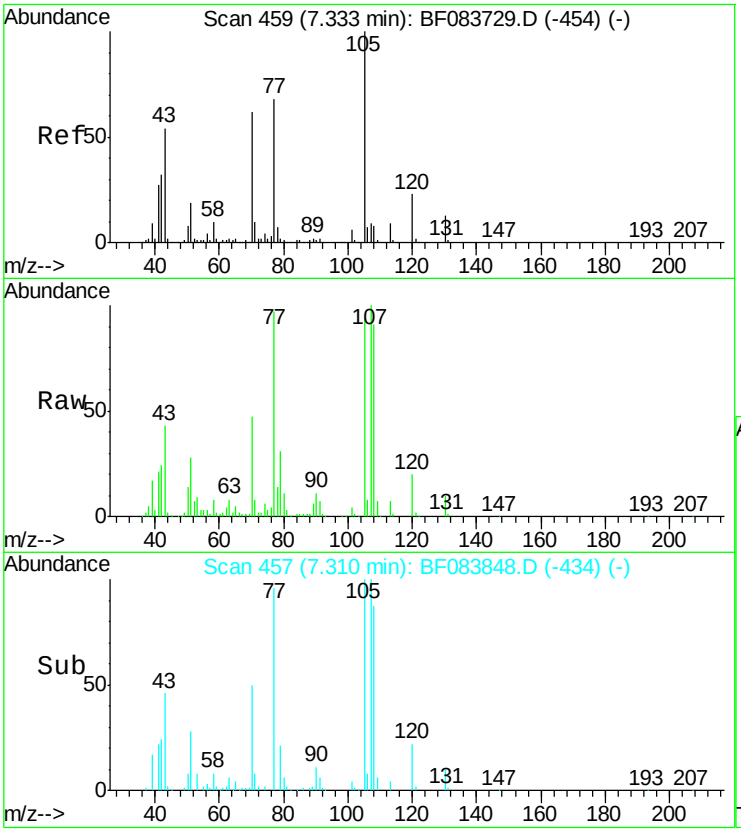


#18
Hexachloroethane
Concen: 46.15 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:117 Resp: 123547

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.2	115.8
201	105.6	86.8	130.2



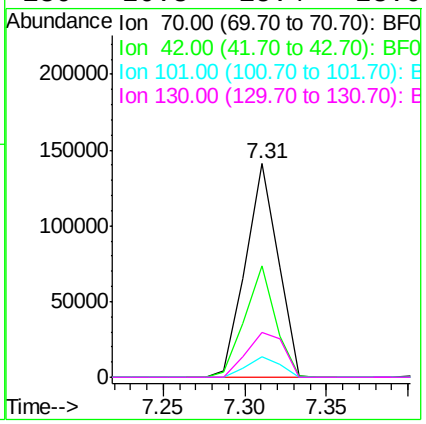


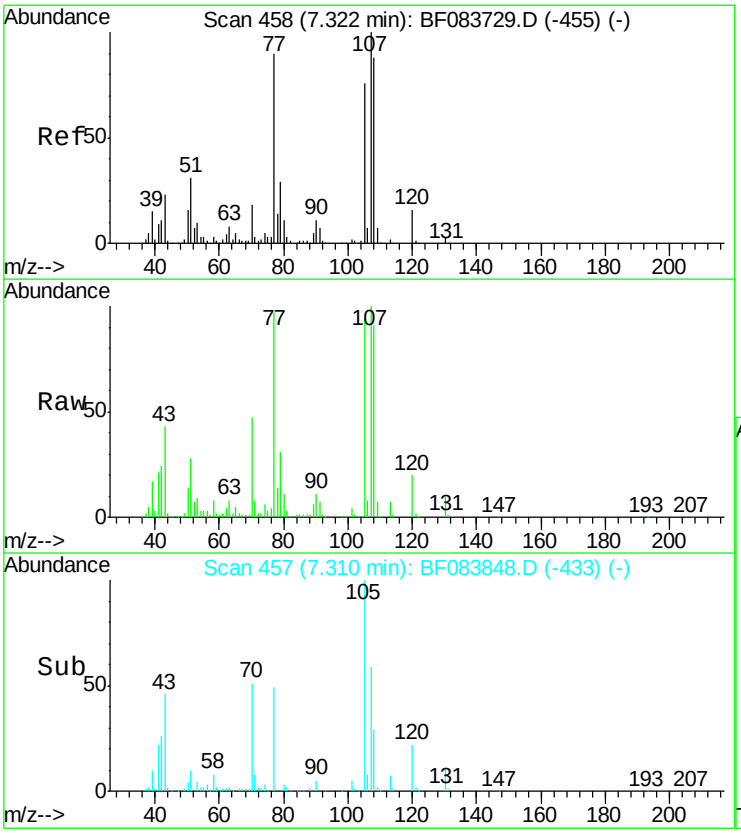
#19
n-Nitroso-di-n-propylamine
Concen: 41.90 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 70 Resp: 194382

Ion	Ratio	Lower	Upper
70	100		
42	52.2	49.2	73.8
101	9.6	7.1	10.7
130	20.8	15.4	23.0

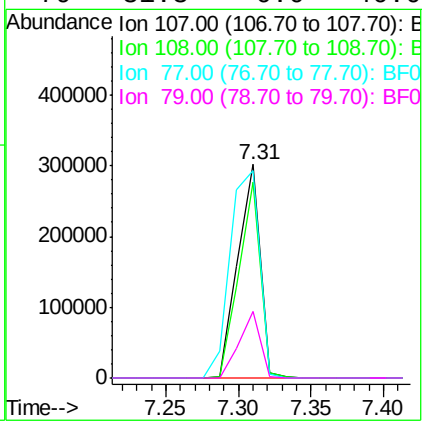


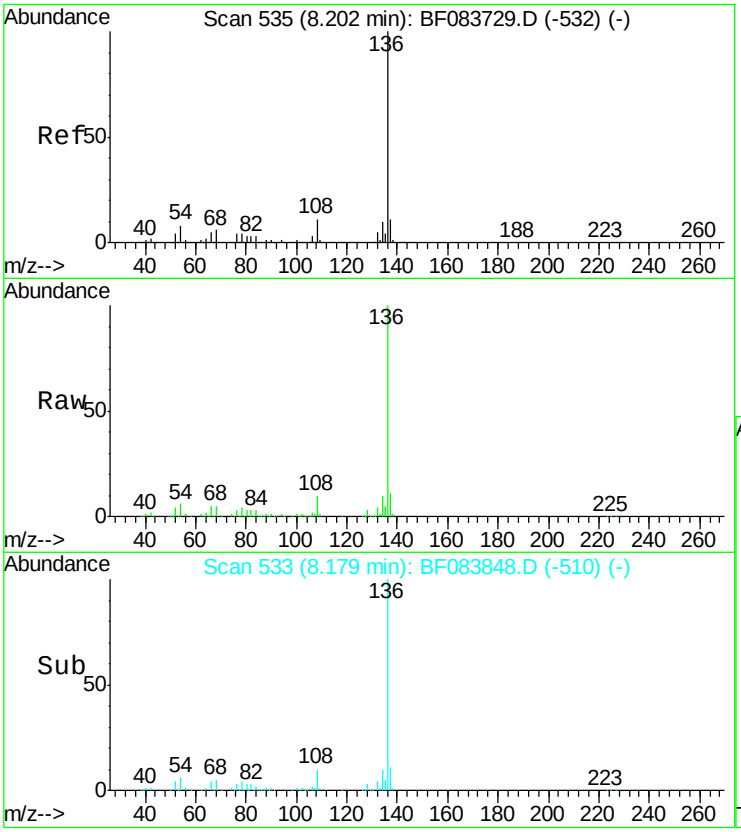


#20
3+4-Methylphenols
Concen: 48.41 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:107 Resp: 323032

Ion	Ratio	Lower	Upper
107	100		
108	91.5	65.2	105.2
77	97.3	15.2	55.2#
79	31.3	6.0	46.0



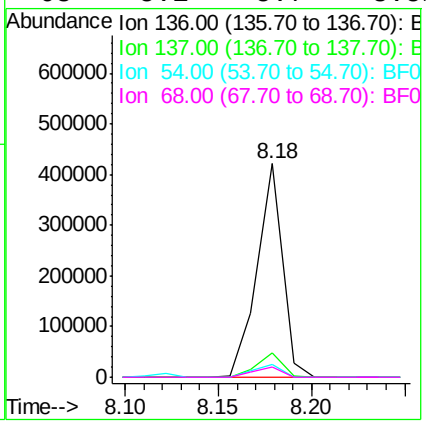


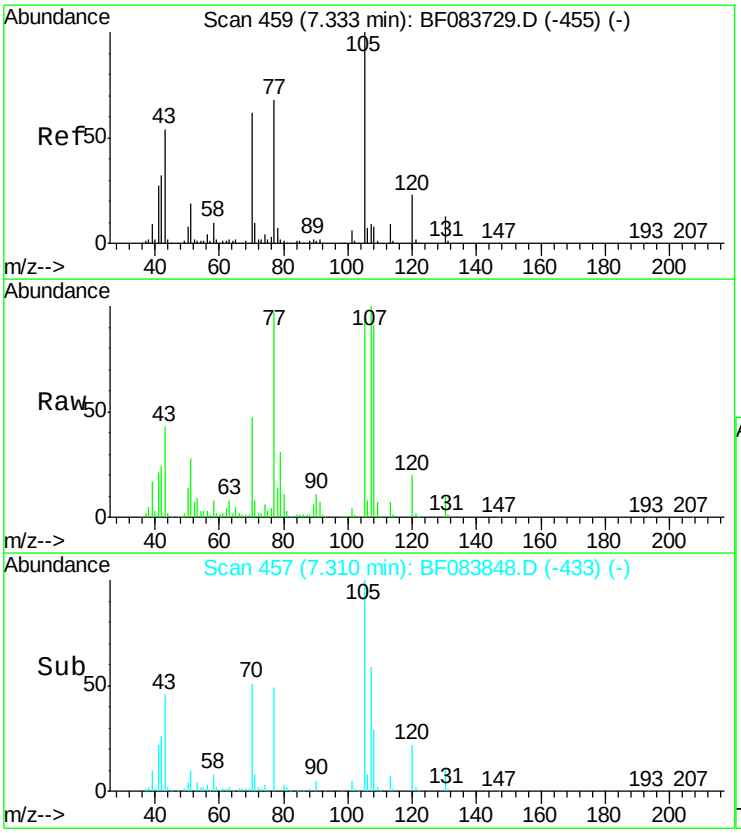
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:136 Resp: 397428

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.1	7.8	11.6#
68	5.1	5.7	8.5#

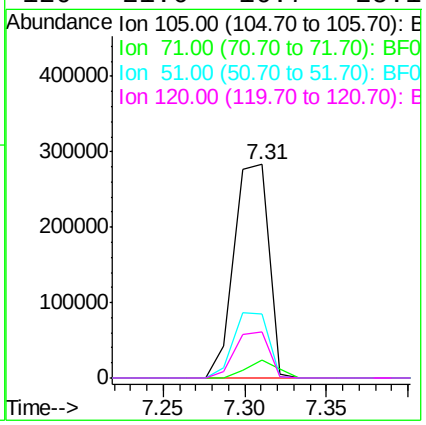


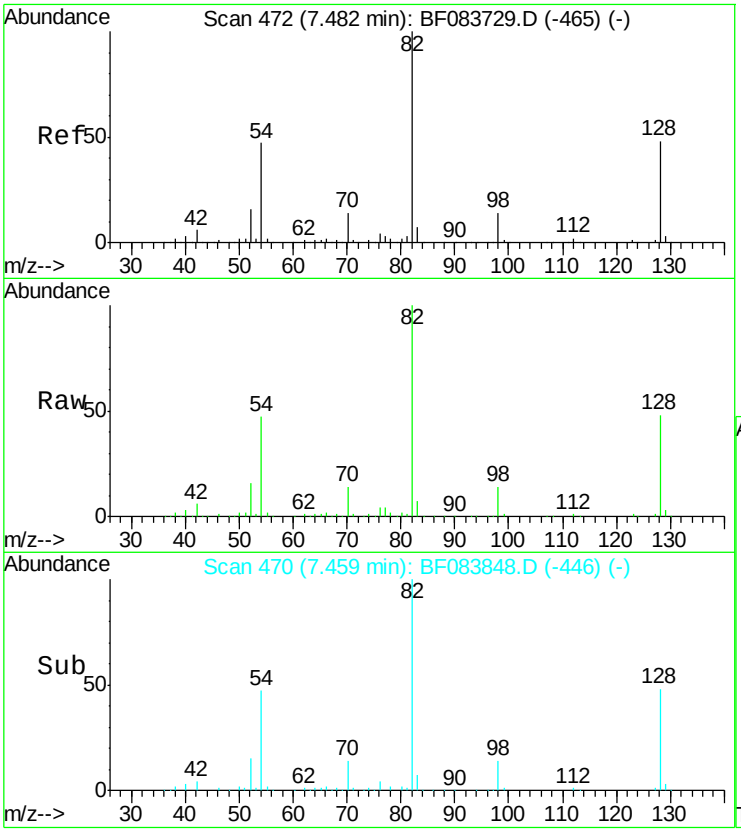


#22
Acetophenone
Concen: 42.83 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:105 Resp: 417595

Ion	Ratio	Lower	Upper
105	100		
71	8.2	1.3	1.9#
51	30.1	23.8	35.8
120	21.6	16.7	25.1



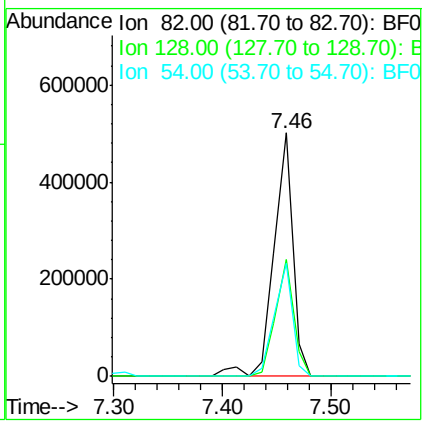


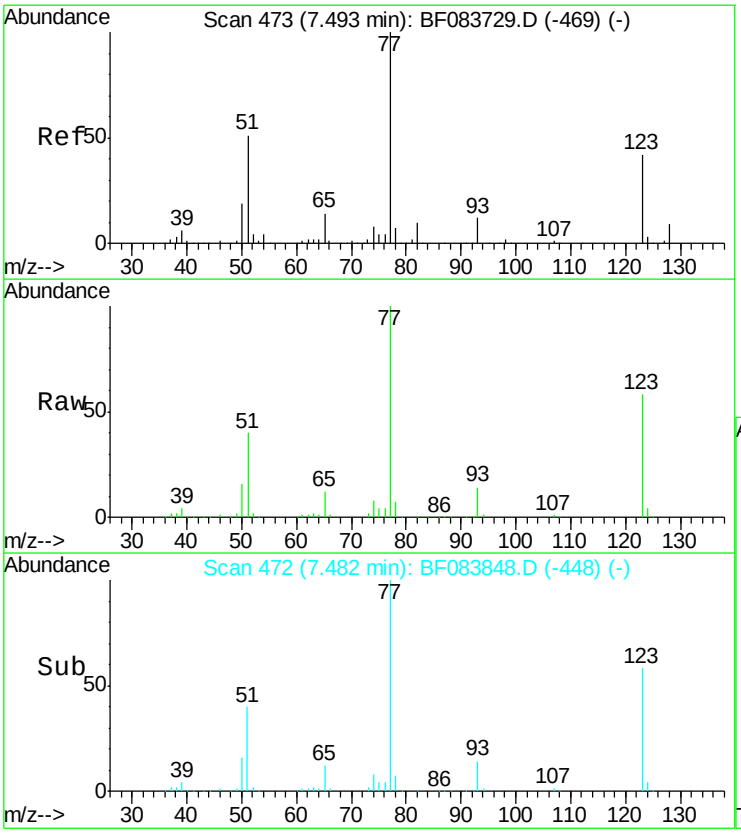
#23
Nitrobenzene-d5
Concen: 85.56 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 82 Resp: 607764

Ion	Ratio	Lower	Upper
82	100		
128	48.1	30.7	46.1#
54	46.7	42.5	63.7

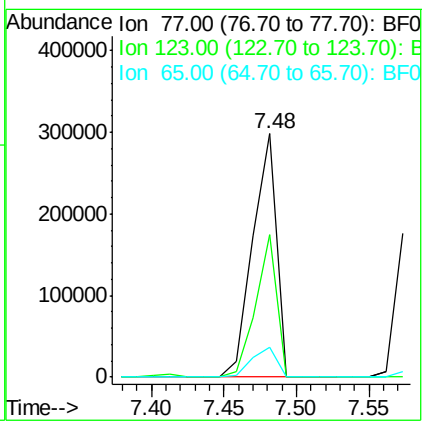


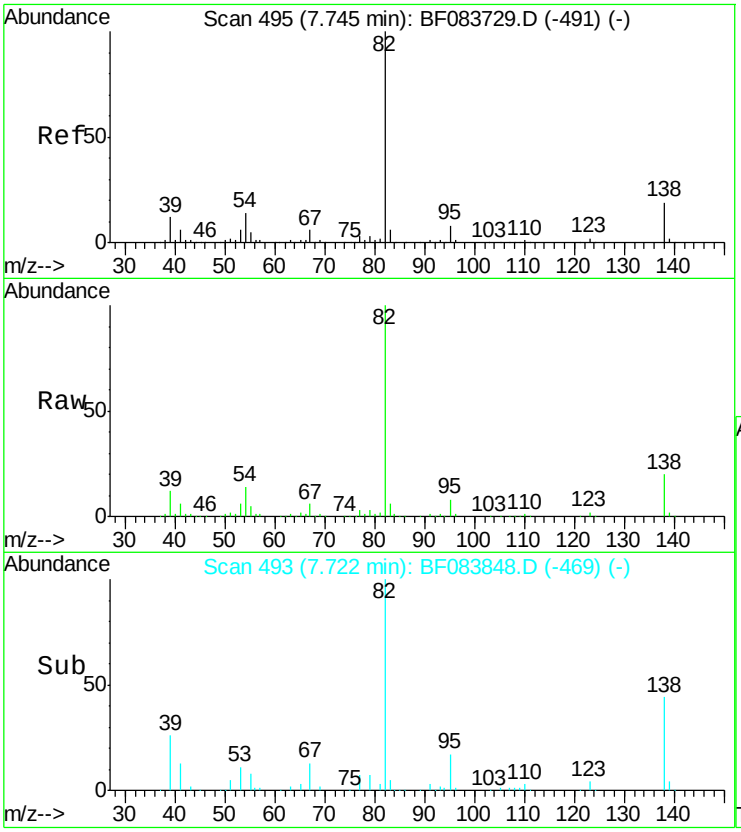


#24
Nitrobenzene
Concen: 45.73 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 77 Resp: 338089

Ion	Ratio	Lower	Upper
77	100		
123	58.3	29.8	44.6#
65	12.5	11.1	16.7



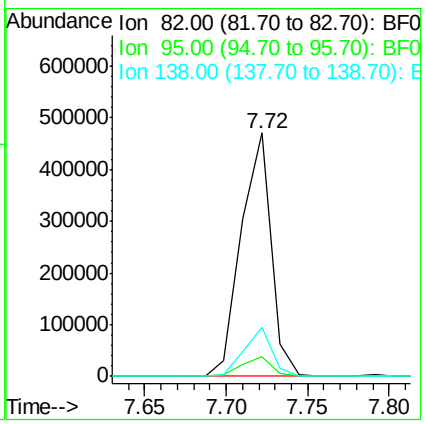


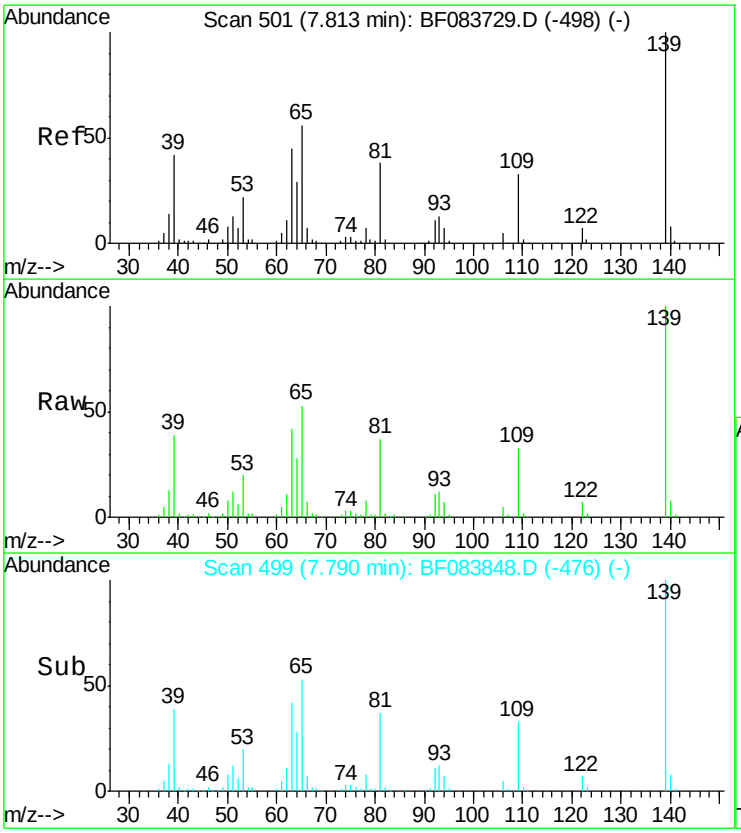
#25
Isophorone
Concen: 43.11 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 82 Resp: 600891

Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.0	7.4#
138	20.3	12.1	18.1#

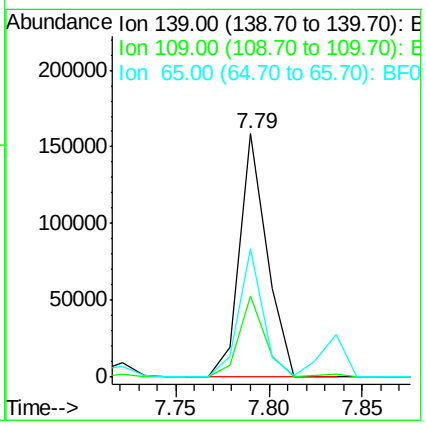


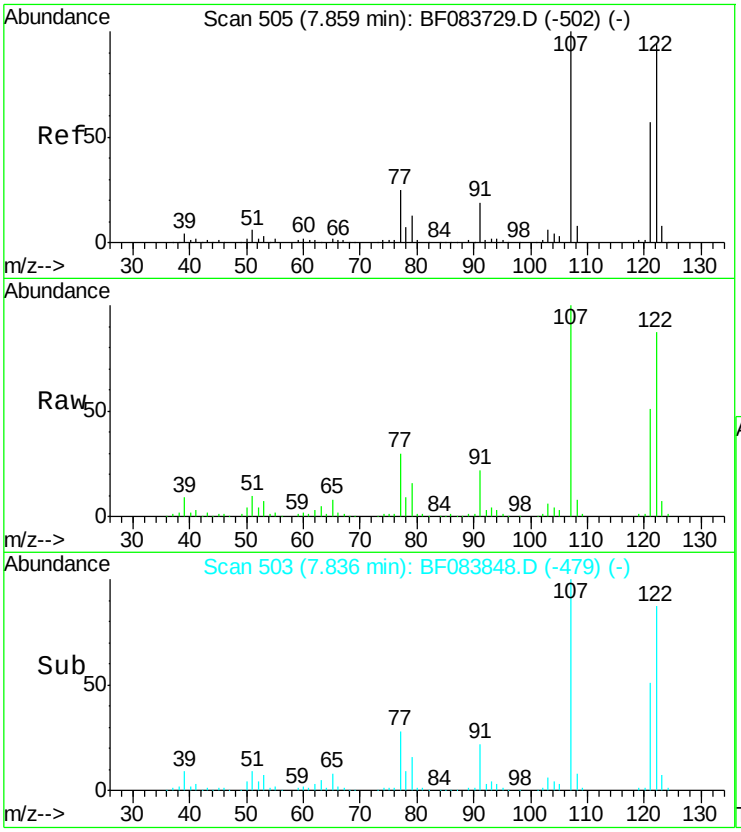


#26
2-Nitrophenol
Concen: 45.61 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:139 Resp: 161991

Ion	Ratio	Lower	Upper
139	100		
109	33.1	22.7	34.1
65	52.7	51.8	77.8



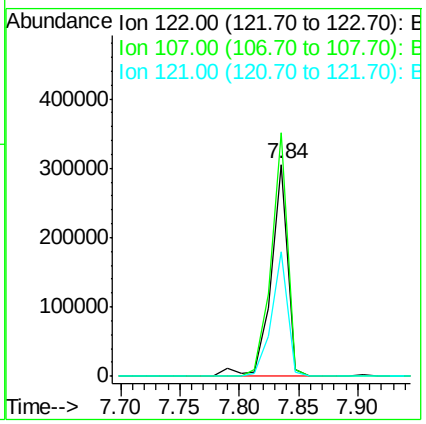


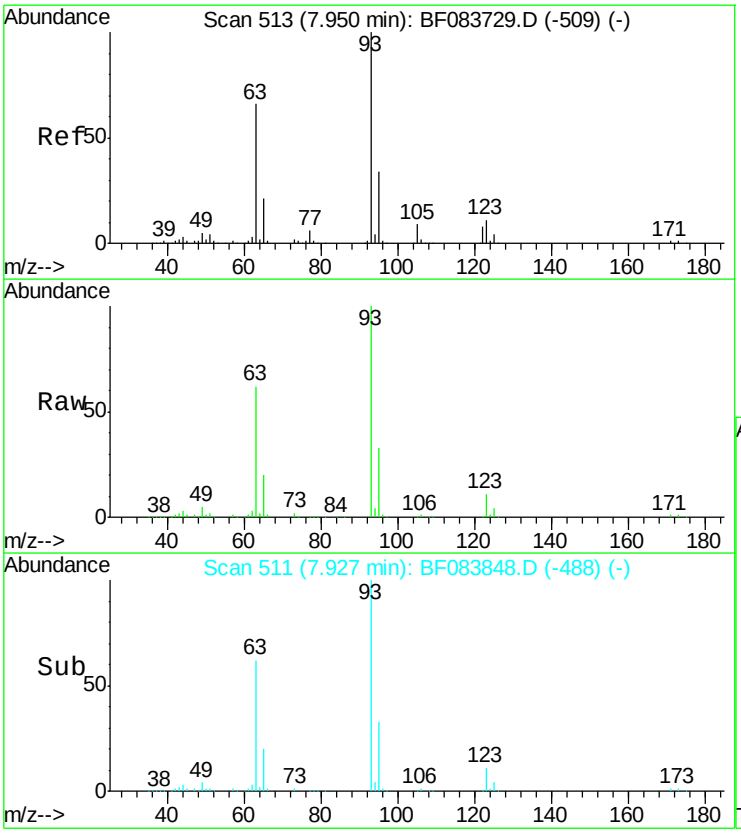
#27
2,4-Dimethylphenol
Concen: 43.18 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:122 Resp: 301354

Ion	Ratio	Lower	Upper
122	100		
107	114.8	92.4	138.6
121	58.6	45.8	68.6

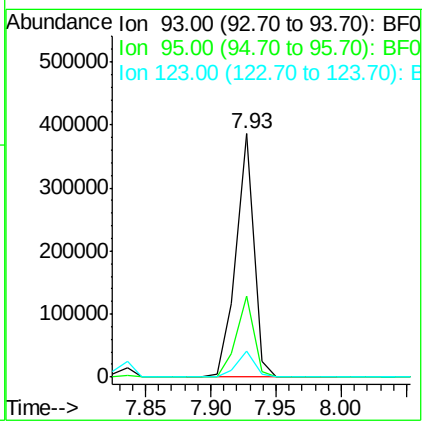


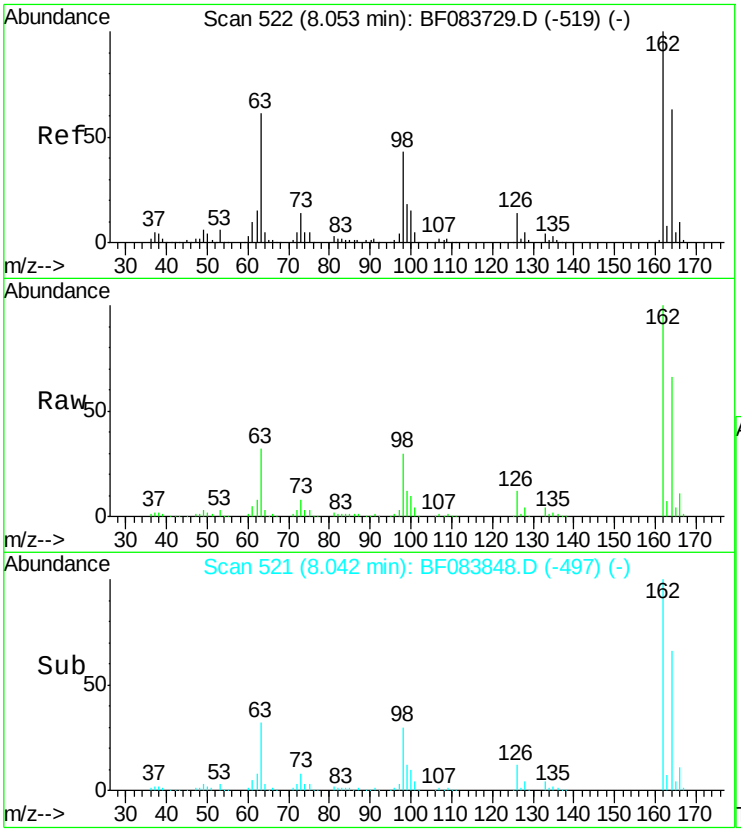


#28
bis(2-Chloroethoxy)methane
Concen: 46.00 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 93 Resp: 365831

Ion	Ratio	Lower	Upper
93	100		
95	33.4	25.6	38.4
123	10.9	7.3	10.9#



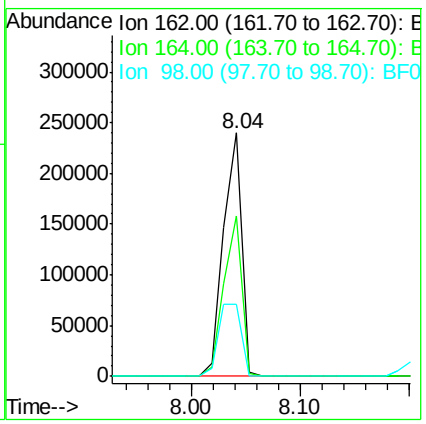


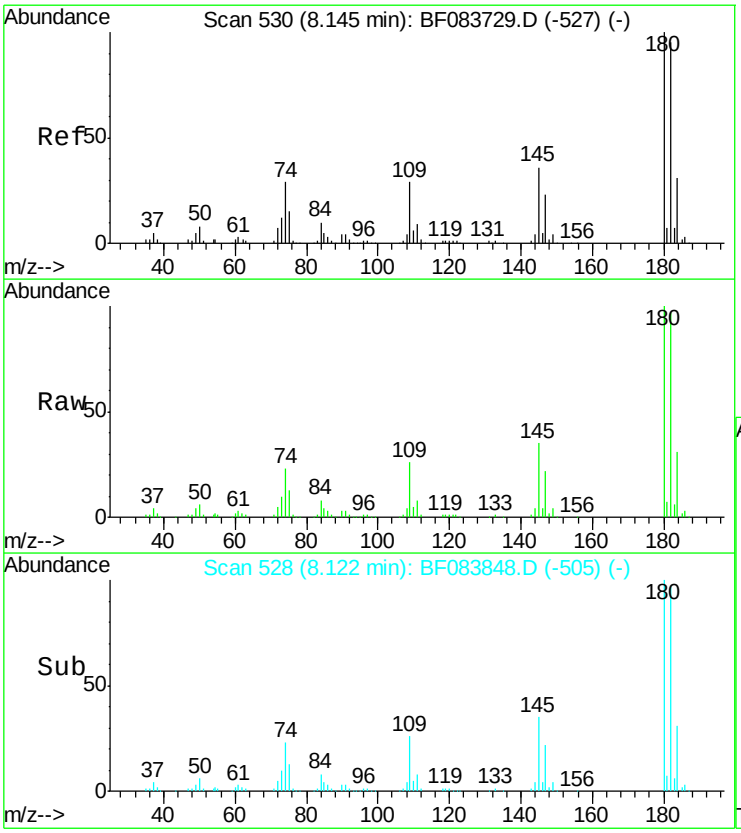
#29
2,4-Dichlorophenol
Concen: 48.80 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:162 Resp: 279580

Ion	Ratio	Lower	Upper
162	100		
164	66.1	43.4	83.4
98	29.7	17.5	57.5

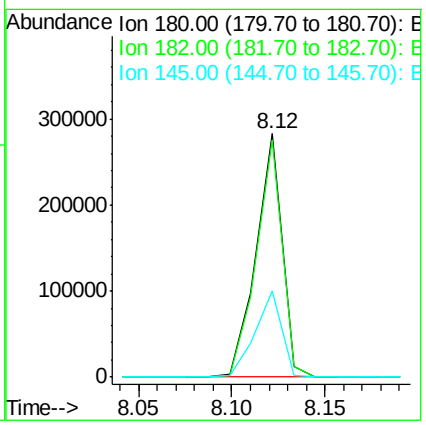


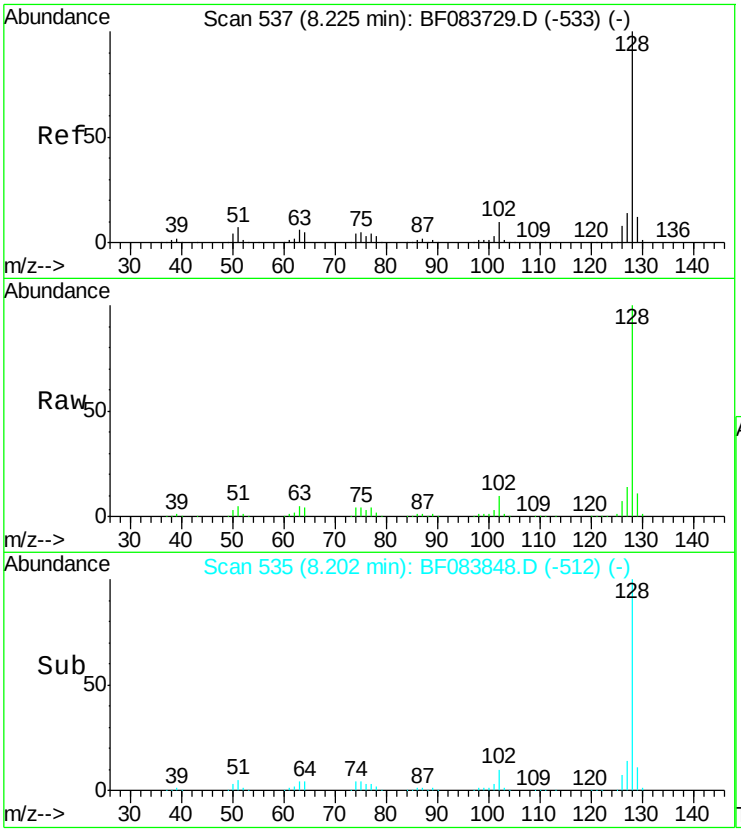


#30
1,2,4-Trichlorobenzene
Concen: 45.64 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:180 Resp: 271168

Ion	Ratio	Lower	Upper
180	100		
182	97.4	74.9	112.3
145	35.1	24.7	37.1



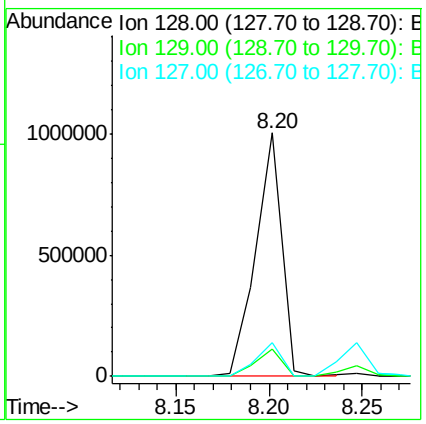


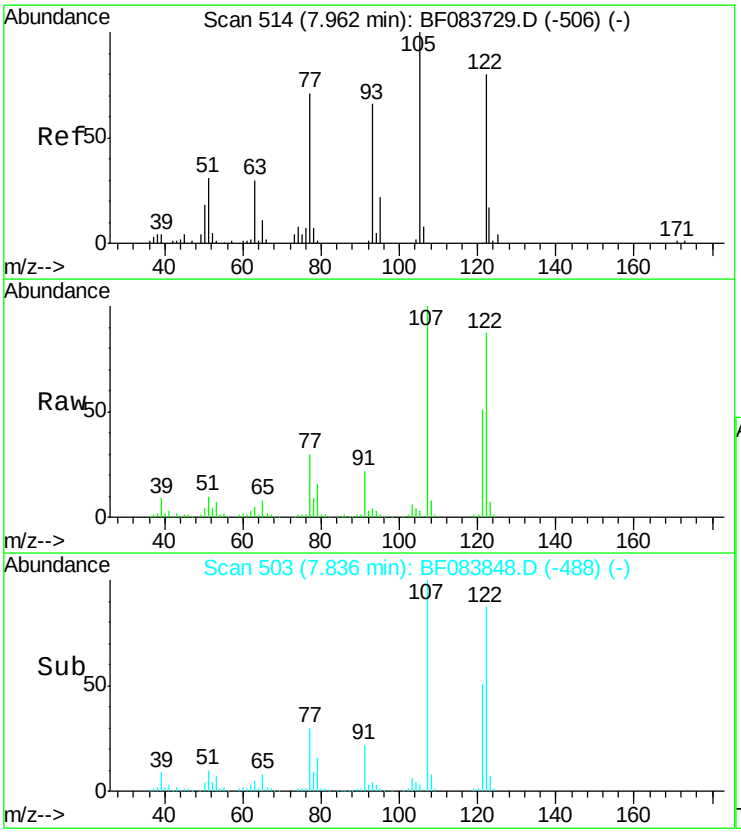
#31
Naphthalene
Concen: 46.66 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:128 Resp: 966747

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.8	10.6	16.0

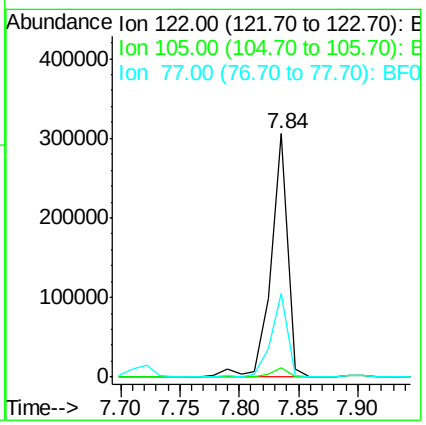


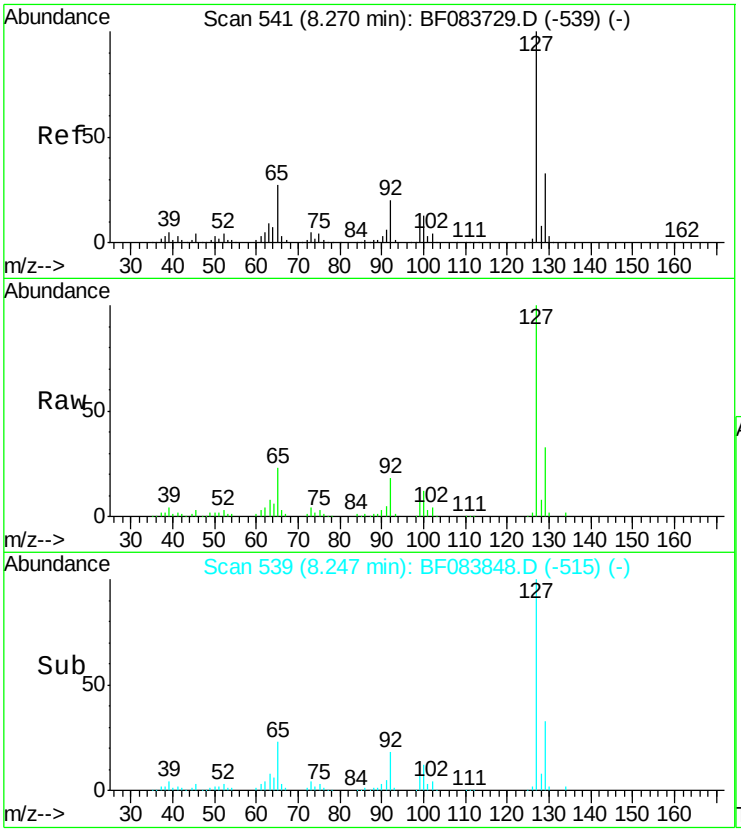


#32
Benzoic acid
Concen: 69.28 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.13 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:122 Resp: 301354

Ion	Ratio	Lower	Upper
122	100		
105	3.8	105.6	145.6#
77	34.2	86.8	126.8#



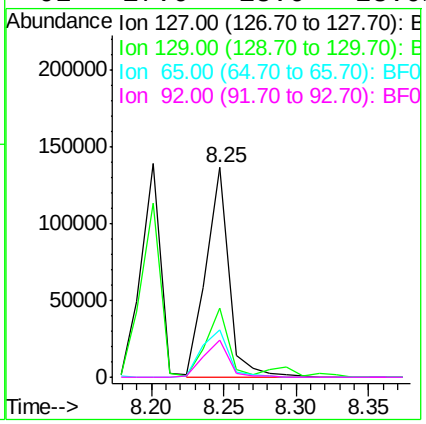


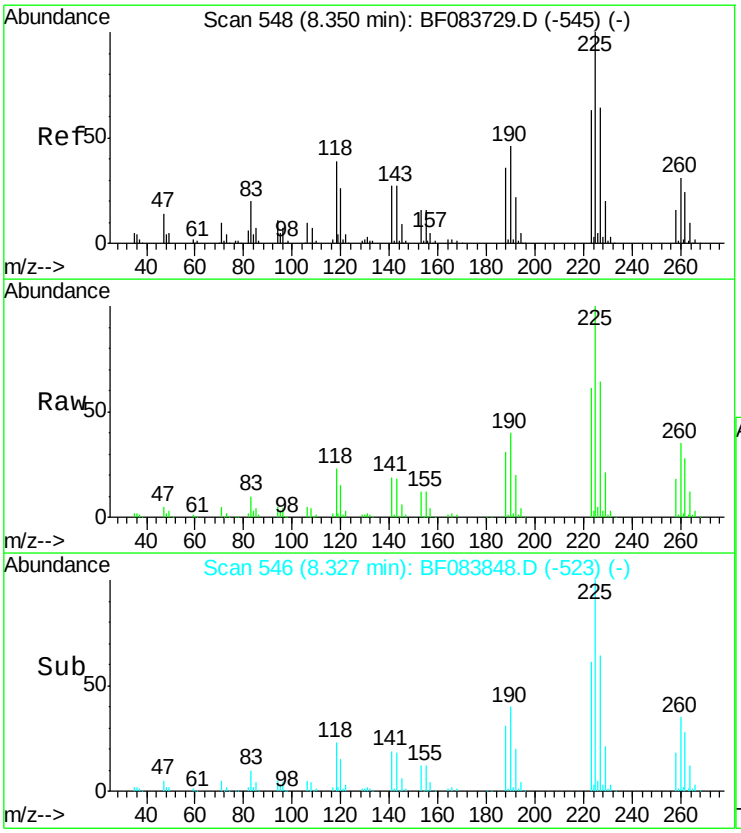
#33
4-Chloroaniline
Concen: 17.76 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:127 Resp: 150291

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	22.7	33.5	50.3#
92	17.6	18.6	28.0#

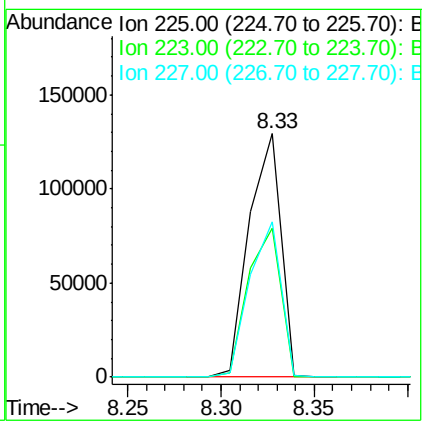


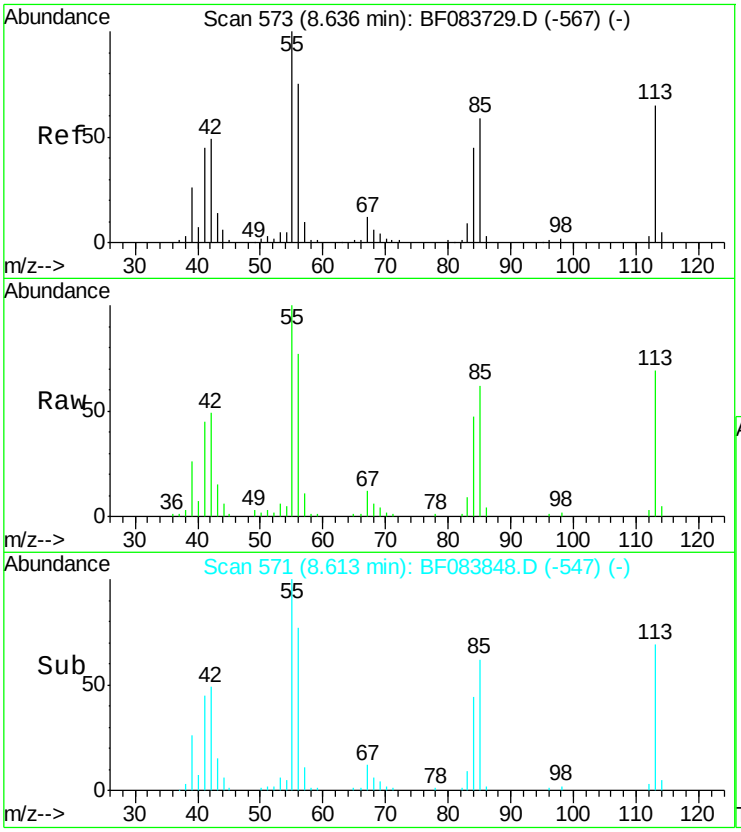


#34
Hexachlorobutadiene
Concen: 46.71 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:225 Resp: 152277

Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.3	78.5
227	63.9	50.4	75.6



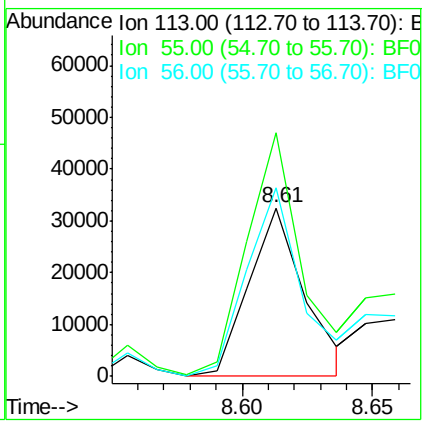


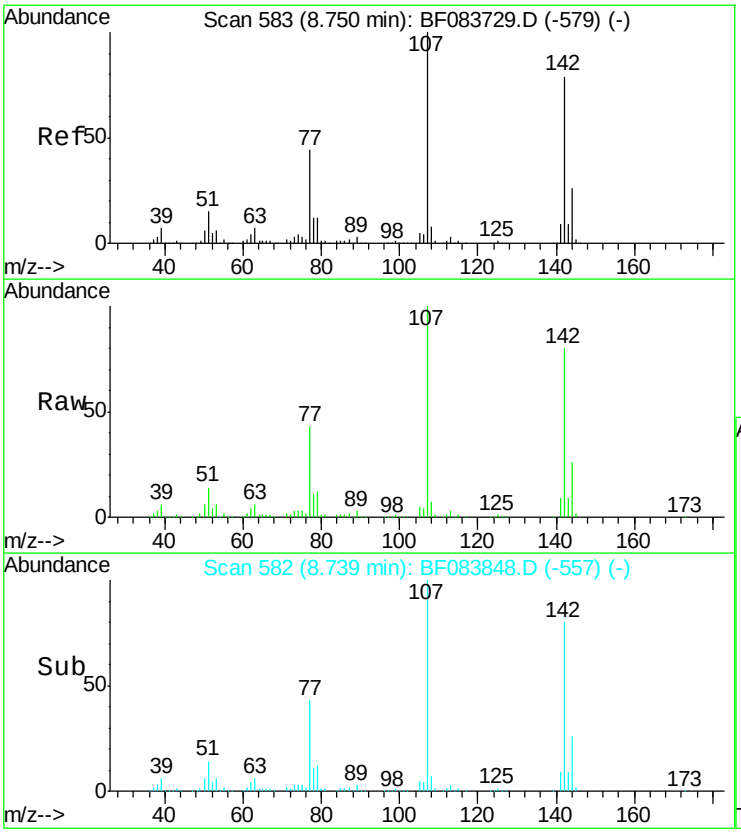
#35
Caprolactam
Concen: 26.30 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:113 Resp: 48383

Ion	Ratio	Lower	Upper
113	100		
55	144.3	189.7	229.7#
56	111.8	130.7	170.7#

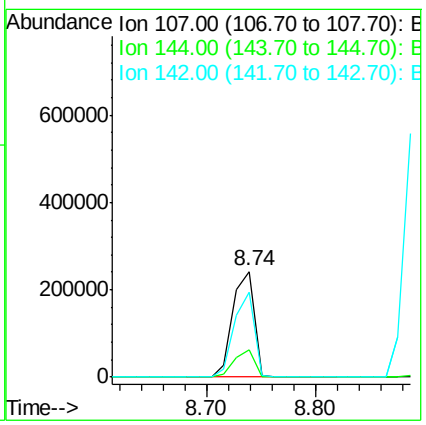


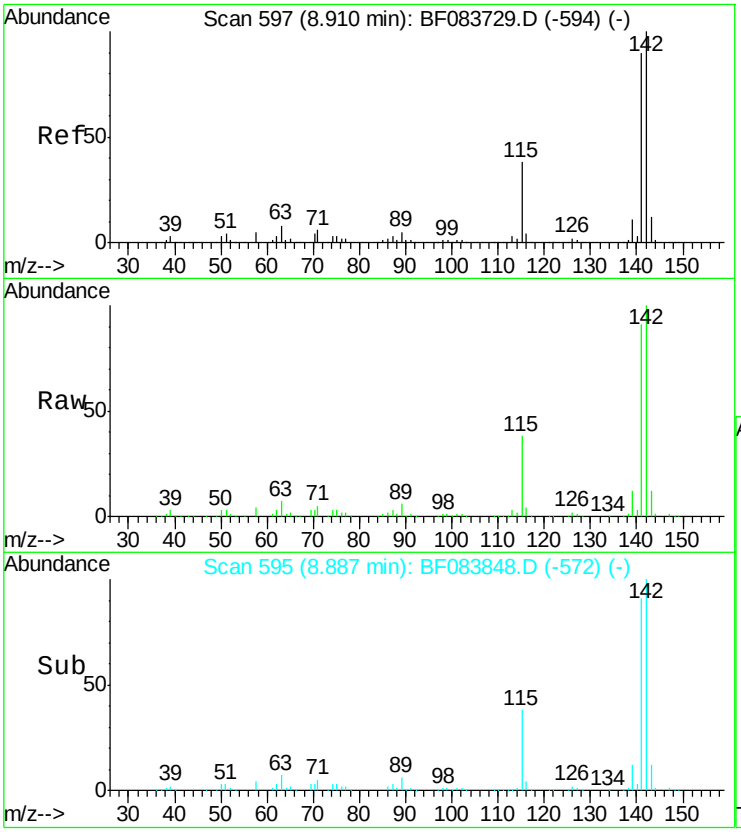


#36
4-Chloro-3-methylphenol
Concen: 48.93 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:107 Resp: 327909

Ion	Ratio	Lower	Upper
107	100		
144	26.2	17.5	26.3
142	79.7	53.6	80.4



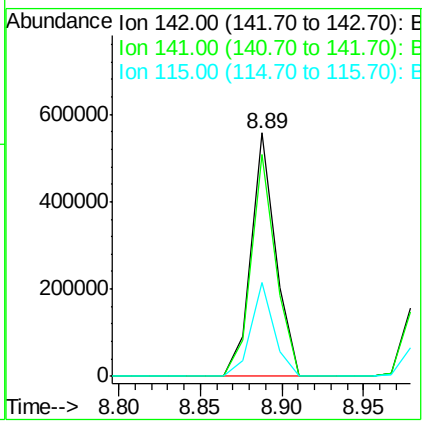


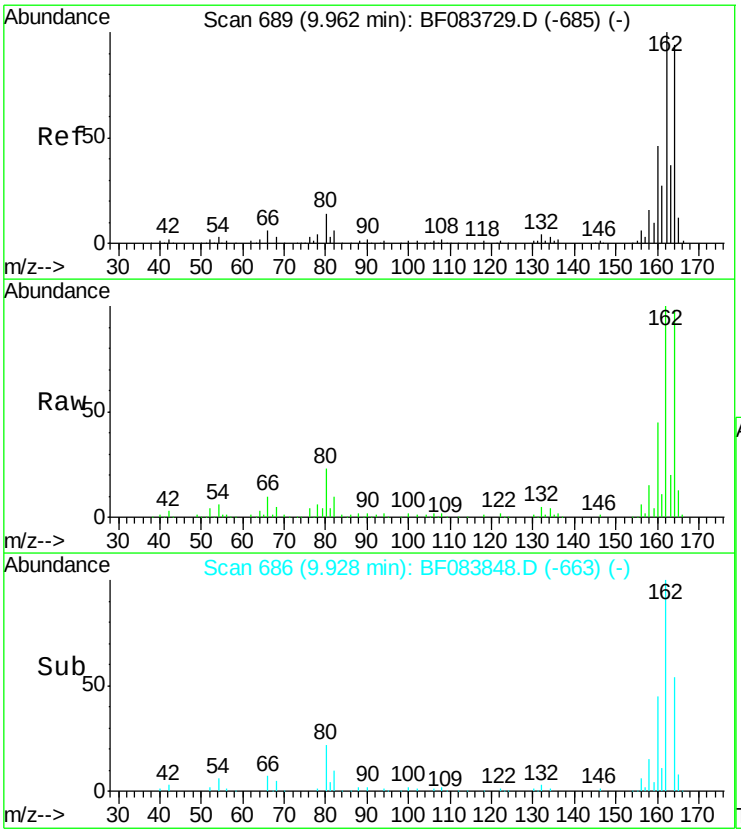
#37
2-Methylnaphthalene
Concen: 45.13 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:142 Resp: 586941

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.3	105.5
115	38.4	29.2	43.8

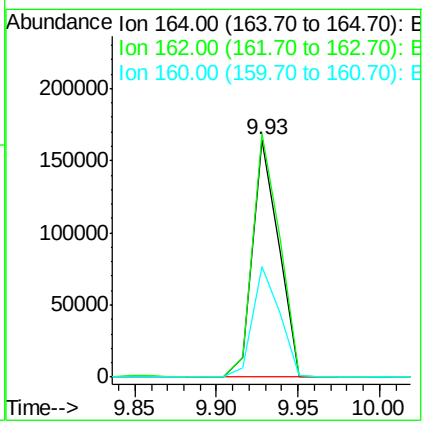


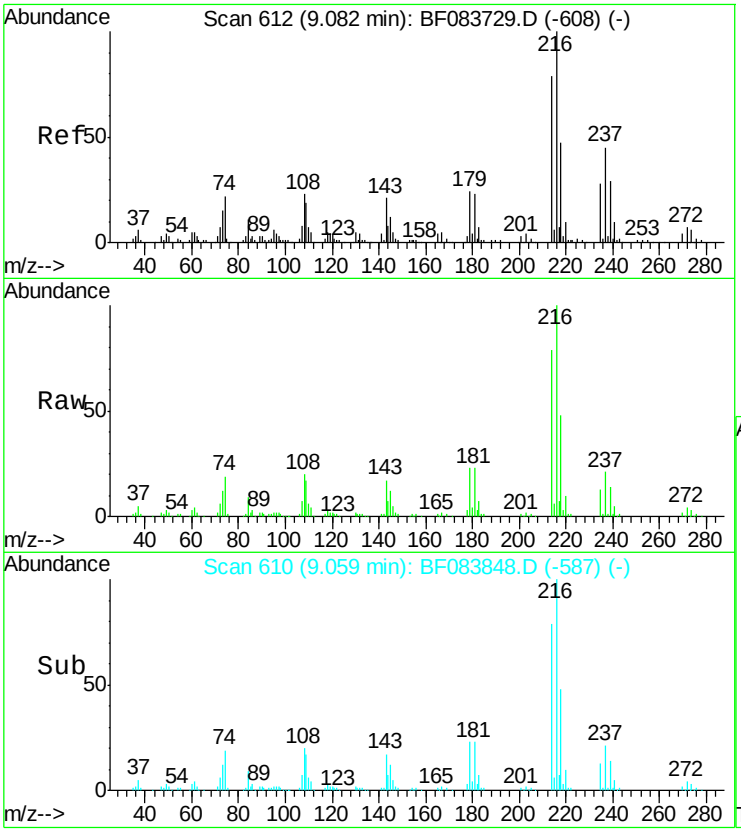


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:164 Resp: 183398

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	46.4	33.4	50.2



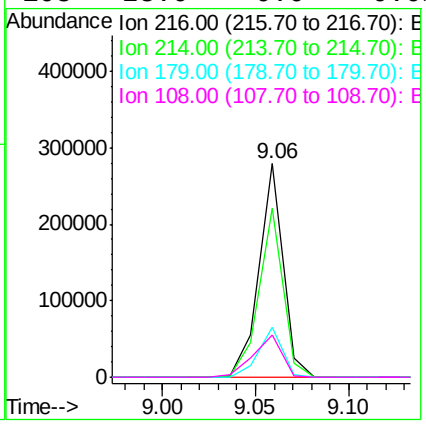


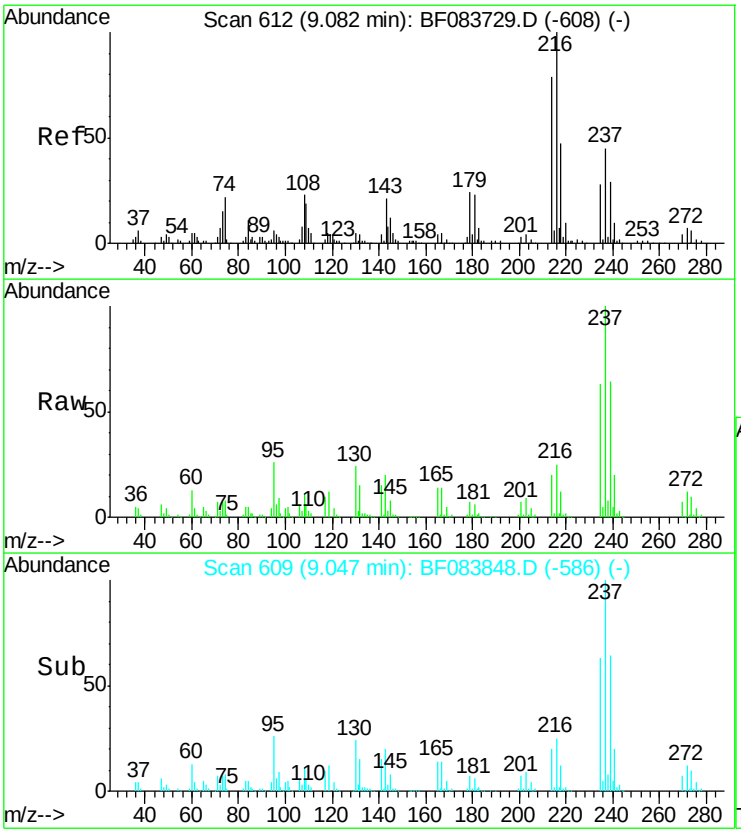
#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.02 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:216 Resp: 248974

Ion	Ratio	Lower	Upper
216	100		
214	79.2	0.0	0.0#
179	23.3	0.0	0.0#
108	23.0	0.0	0.0#

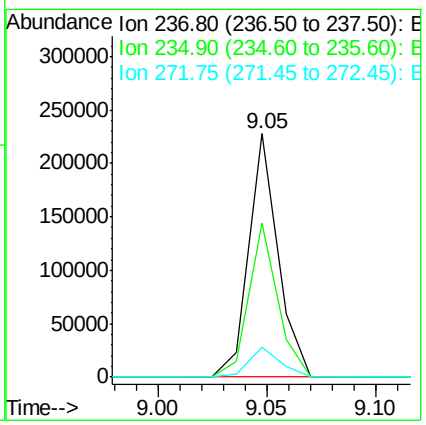


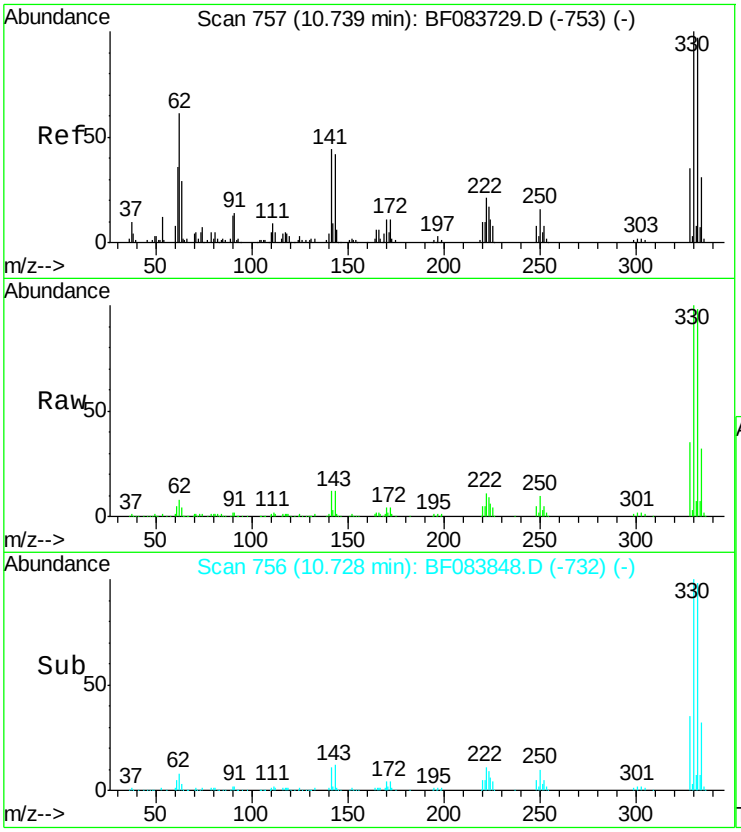


#40
Hexachlorocyclopentadiene
Concen: 77.54 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:237 Resp: 212570

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.9	83.9
272	12.2	0.0	31.8



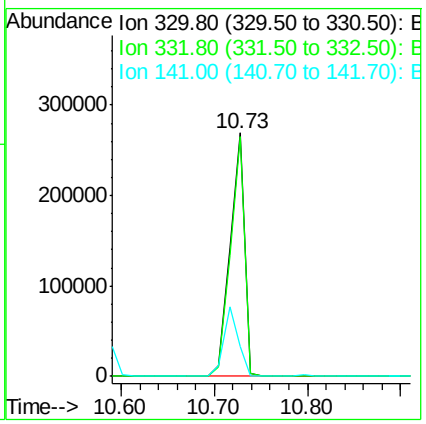


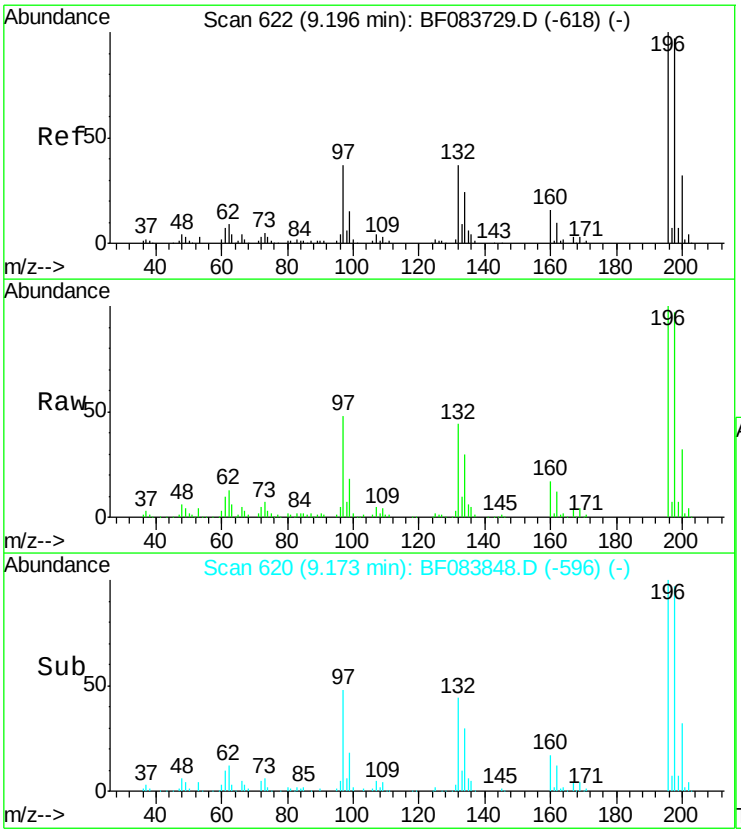
#41
2,4,6-Tribromophenol
Concen: 157.94 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:330 Resp: 295164

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	29.0	0.0	0.0#

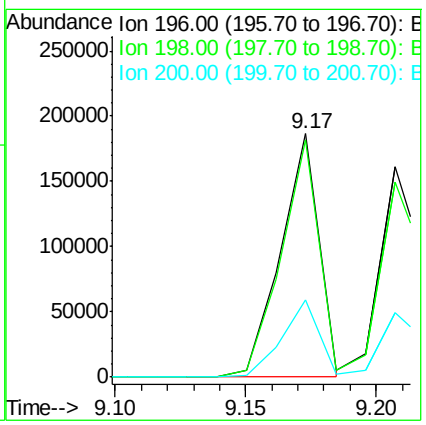


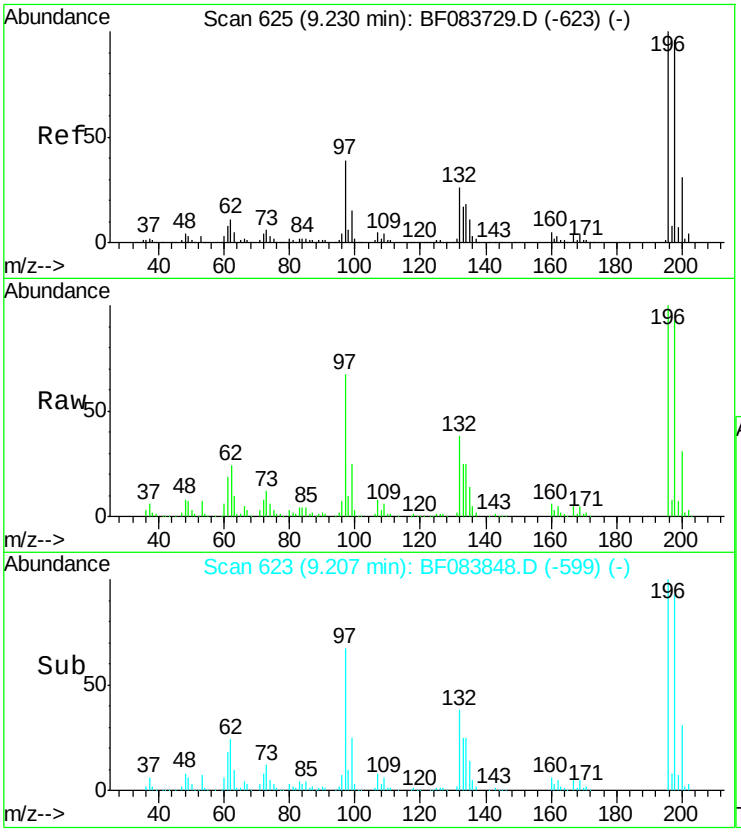


#42
2,4,6-Trichlorophenol
Concen: 47.84 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:196 Resp: 189466

Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.2	112.8
200	31.6	23.0	34.6



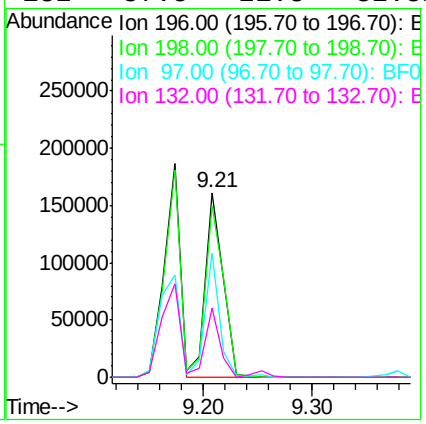


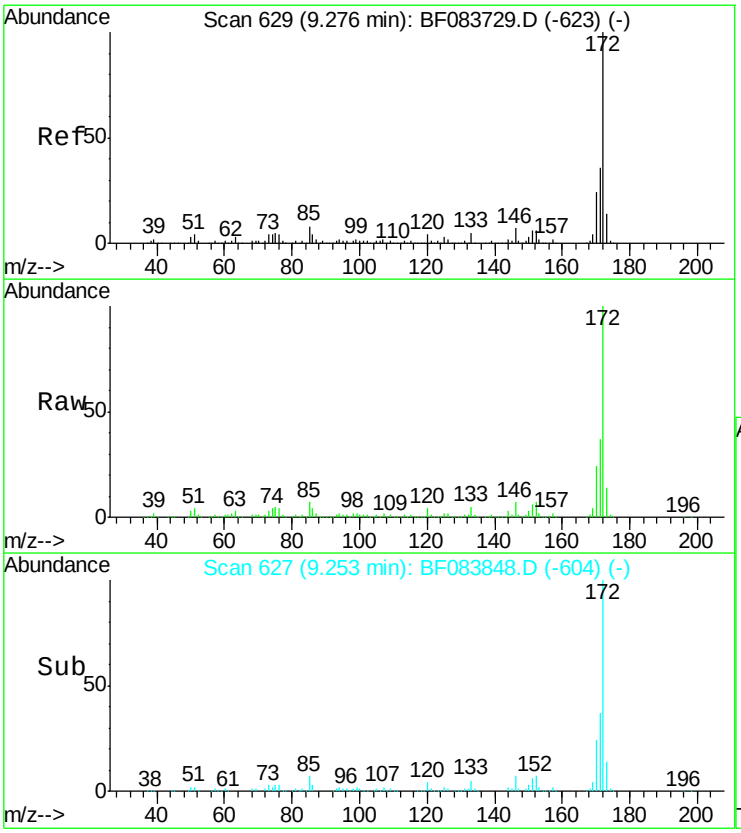
#43
2,4,5-Trichlorophenol
Concen: 49.15 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:196 Resp: 184638

Ion	Ratio	Lower	Upper
196	100		
198	92.9	77.7	116.5
97	67.0	41.2	61.8#
132	37.5	21.8	32.8#

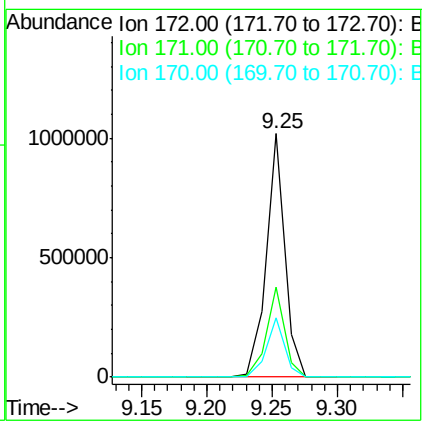


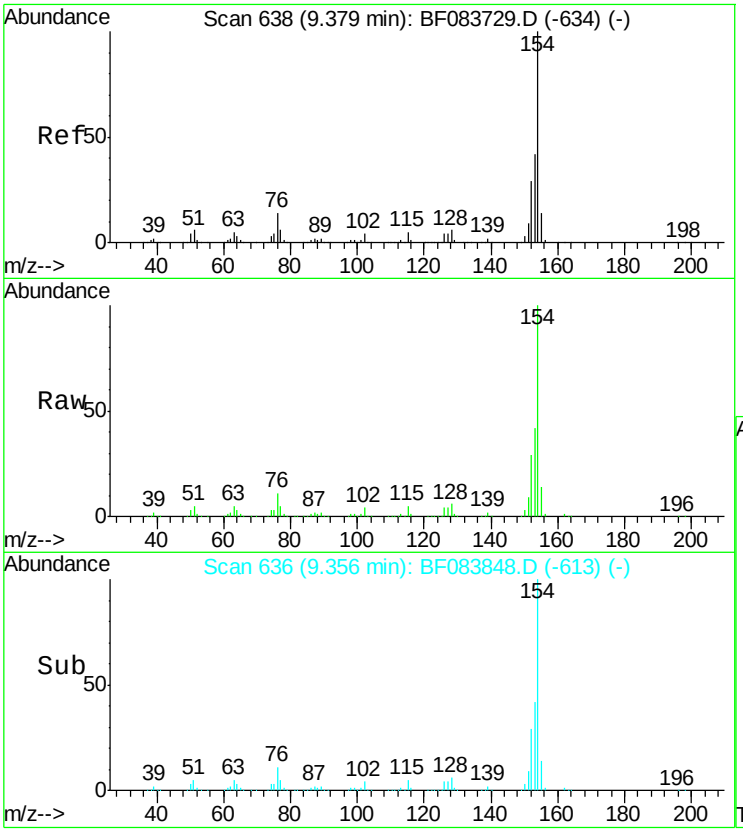


#44
2-Fluorobiphenyl
Concen: 80.16 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:172 Resp: 1021018

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	24.4	19.4	29.0



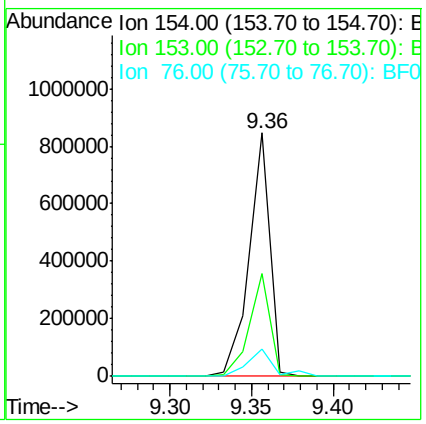


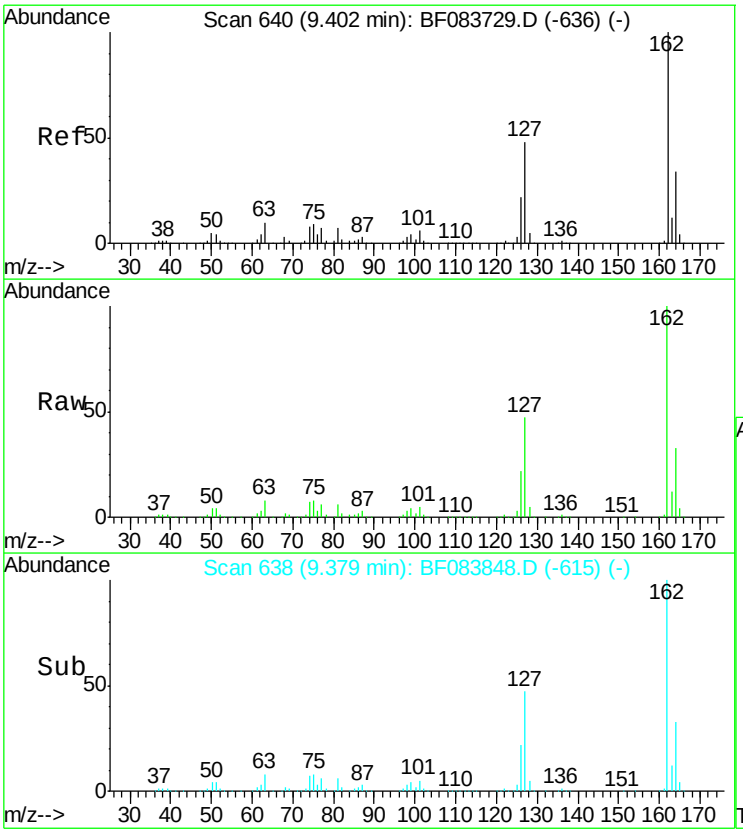
#45
1,1'-Biphenyl
Concen: 45.98 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:154 Resp: 747311

Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.2	60.2
76	11.4	0.0	34.8

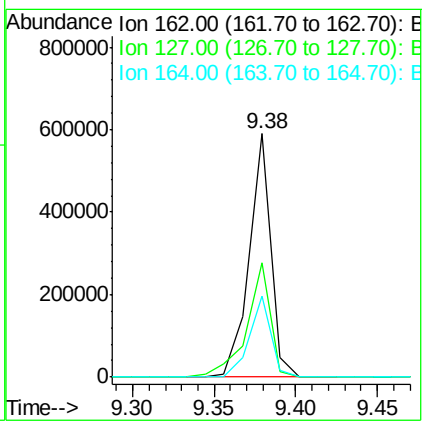


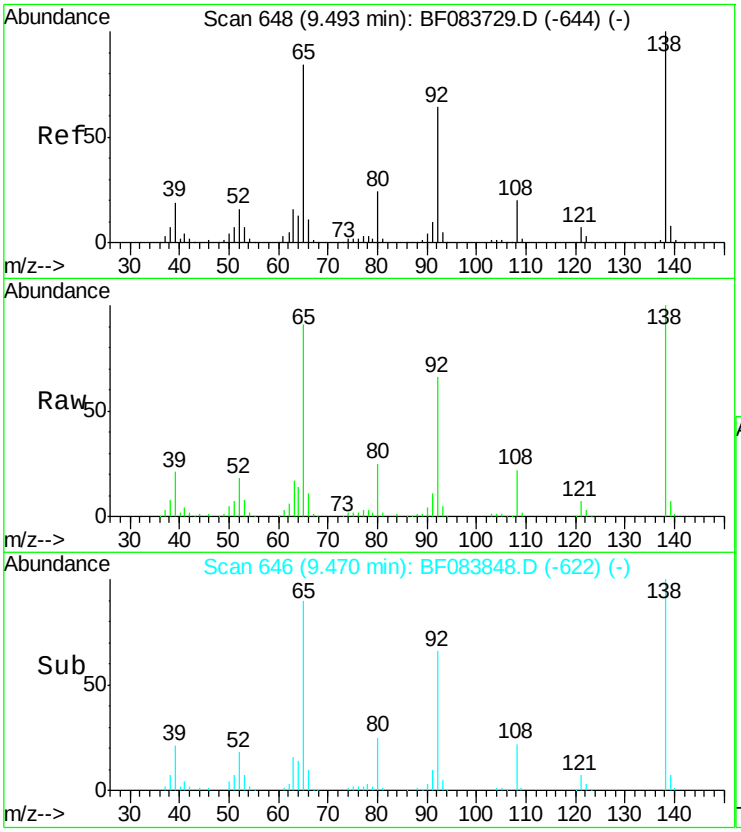


#46
2-Chloronaphthalene
Concen: 45.31 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:162 Resp: 543660

Ion	Ratio	Lower	Upper
162	100		
127	47.2	31.0	46.4#
164	33.3	27.4	41.0



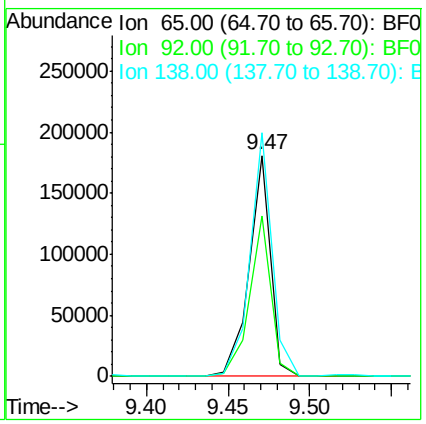


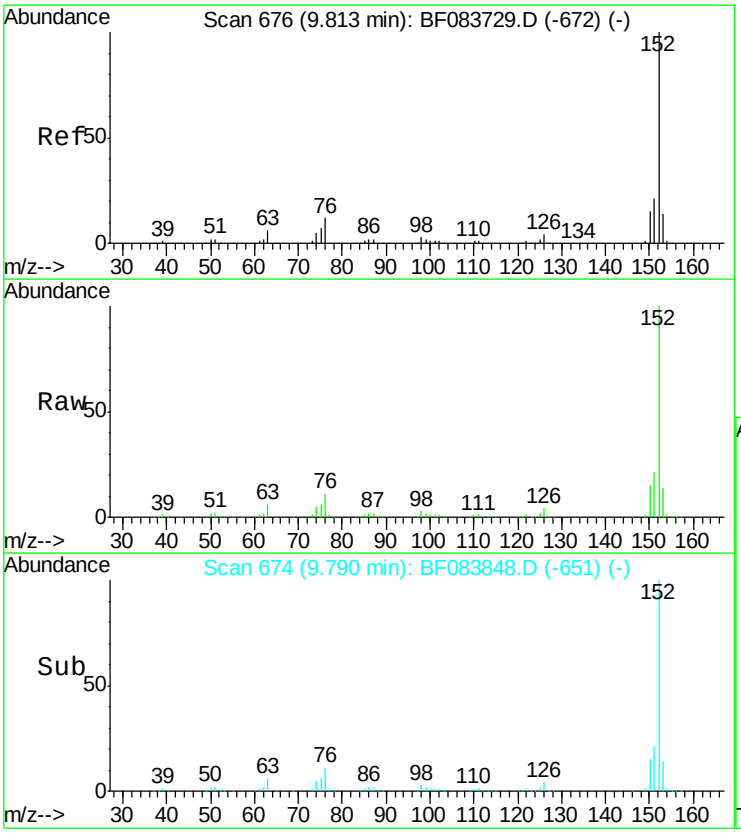
#47
2-Nitroaniline
Concen: 48.07 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion: 65 Resp: 163561

Ion	Ratio	Lower	Upper
65	100		
92	72.6	49.6	74.4
138	110.3	64.1	96.1#

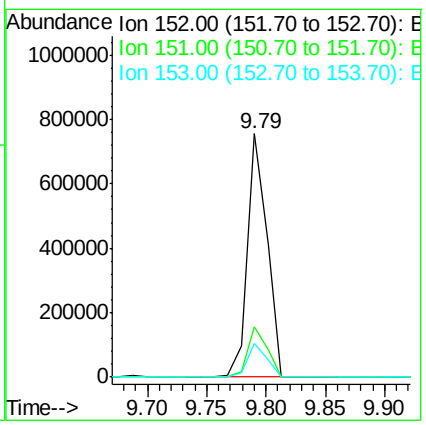


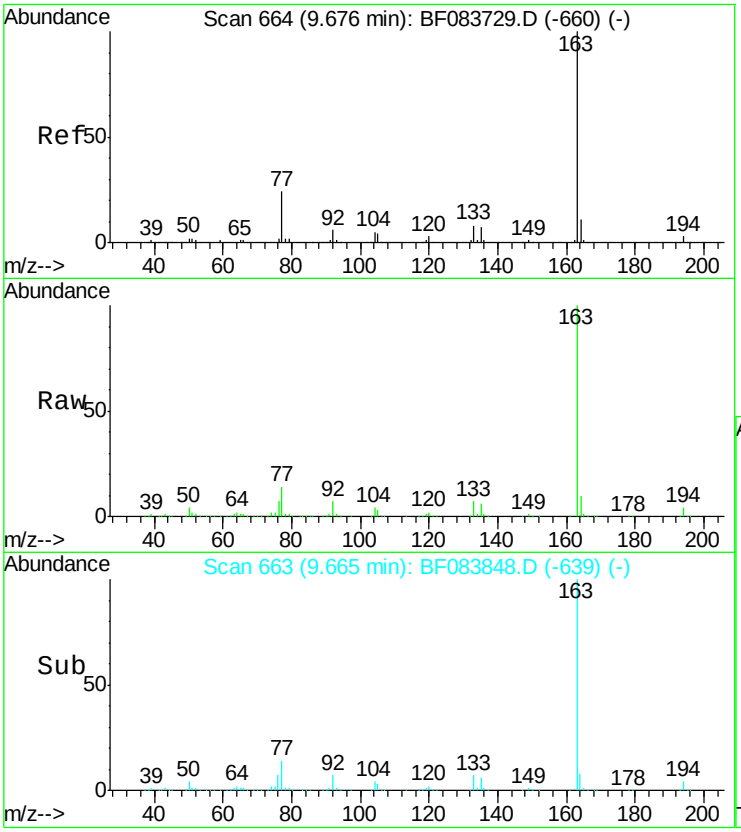


#48
Acenaphthylene
Concen: 43.22 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:152 Resp: 872458

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.7	10.8	16.2



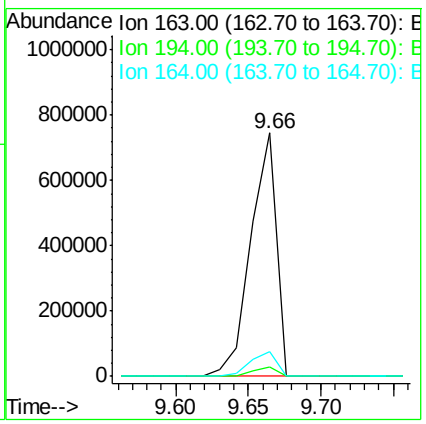


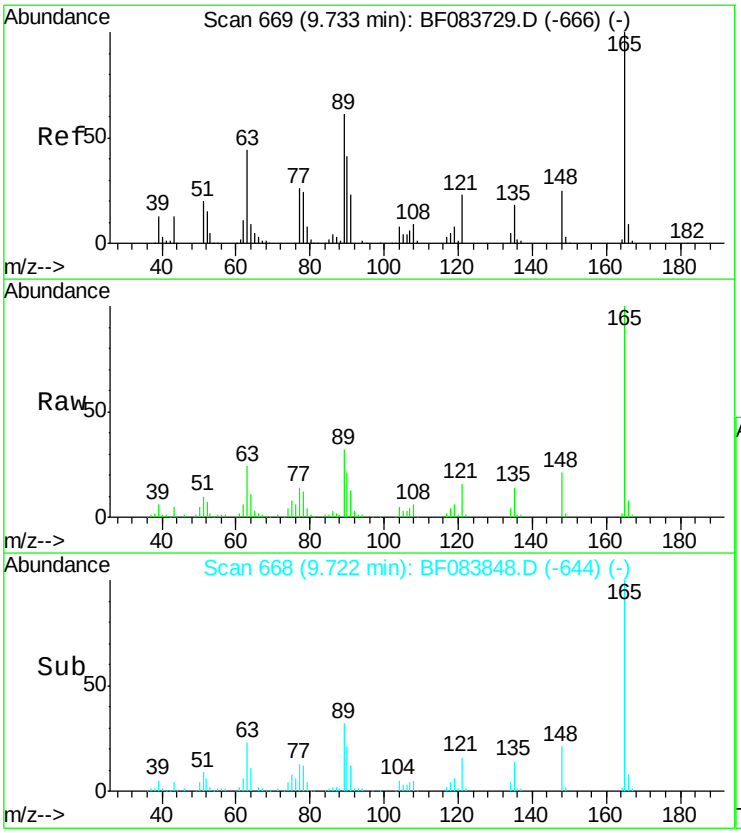
#49
Dimethylphthalate
Concen: 63.90 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:163 Resp: 913603

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.9	8.6	13.0

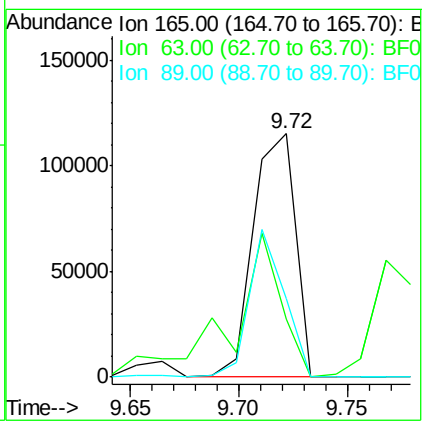


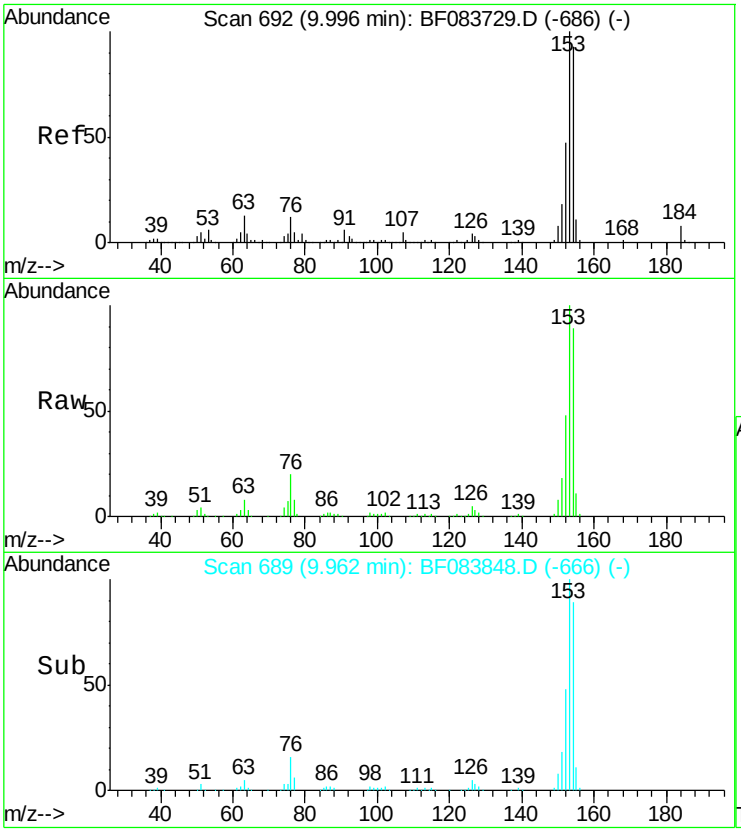


#50
2,6-Dinitrotoluene
Concen: 51.54 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:165 Resp: 156391

Ion	Ratio	Lower	Upper
165	100		
63	24.0	56.9	85.3#
89	32.5	52.1	78.1#



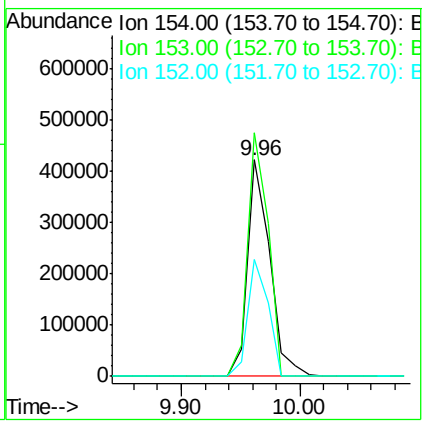


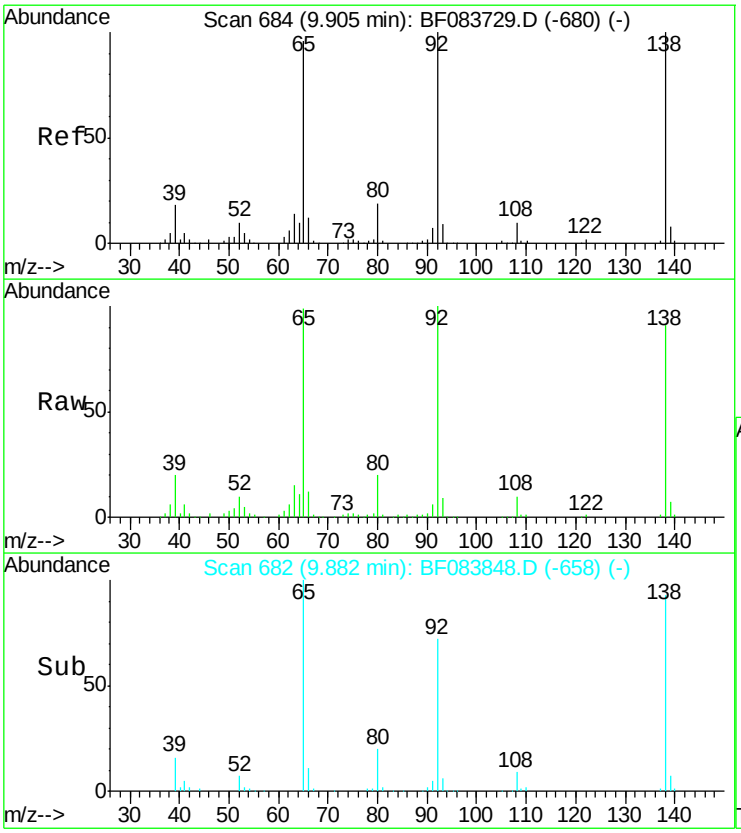
#51
Acenaphthene
Concen: 45.65 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:154 Resp: 557044

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.4	137.0
152	53.9	43.4	65.2

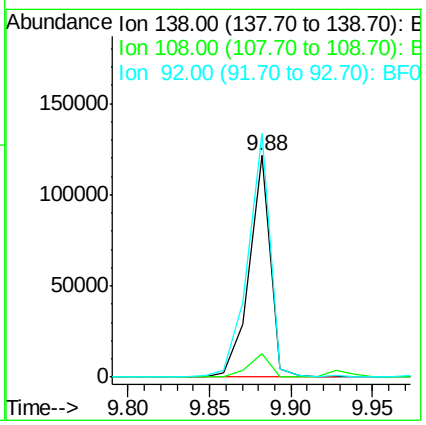


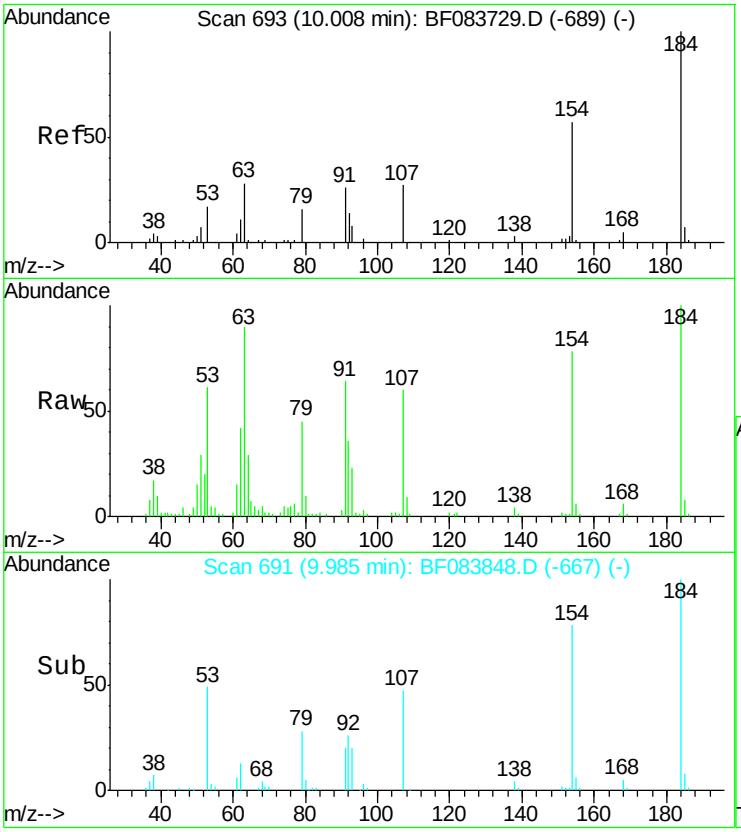


#52
3-Nitroaniline
Concen: 31.07 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:138 Resp: 108694

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.9	14.9
92	110.0	113.8	170.8#



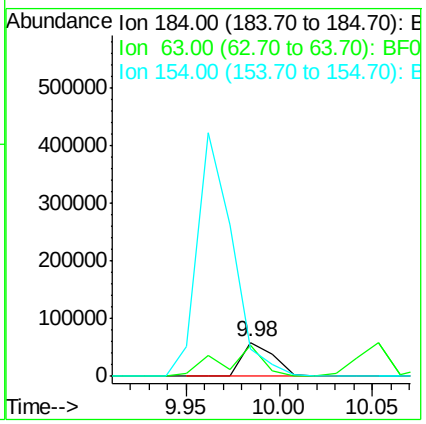


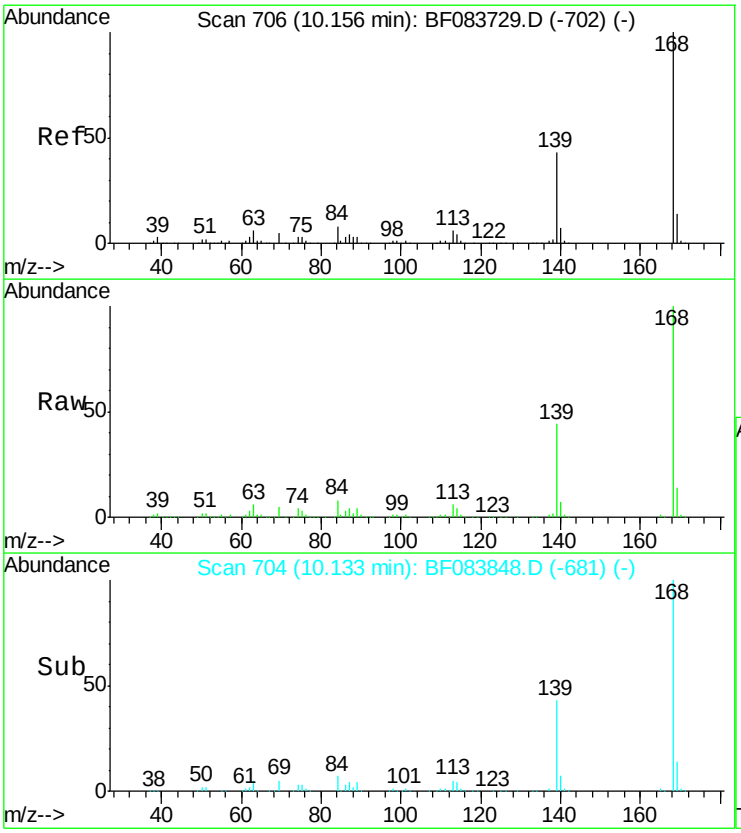
#53
2,4-Dinitrophenol
Concen: 52.48 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:184 Resp: 70441

Ion	Ratio	Lower	Upper
184	100		
63	90.2	62.4	93.6
154	78.5	46.6	69.8#

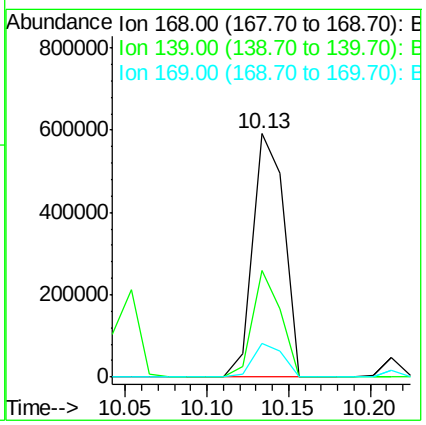


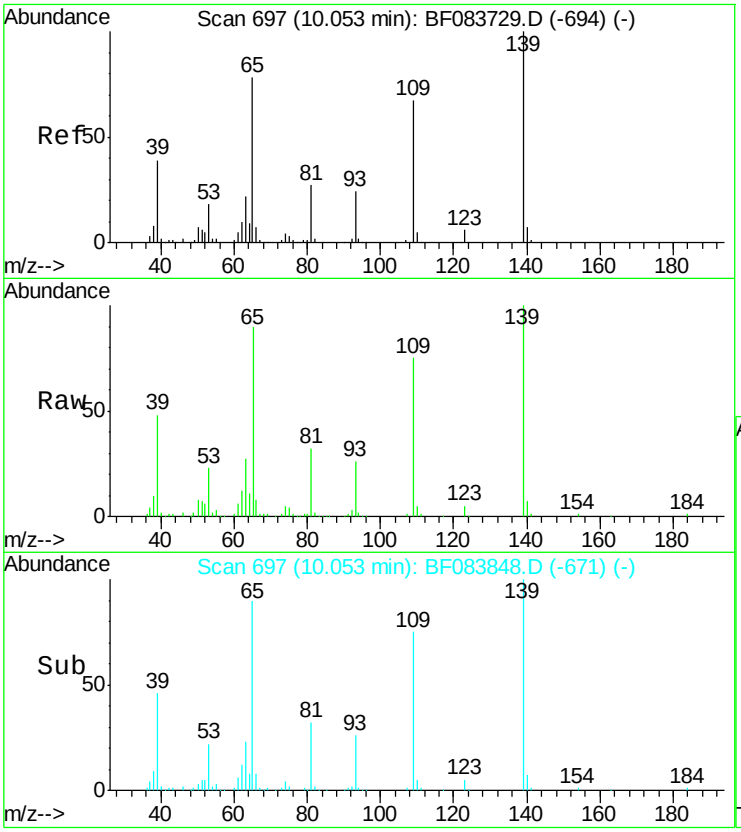


#54
Dibenzofuran
Concen: 48.72 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:168 Resp: 787787

Ion	Ratio	Lower	Upper
168	100		
139	43.8	28.0	42.0#
169	14.0	10.8	16.2



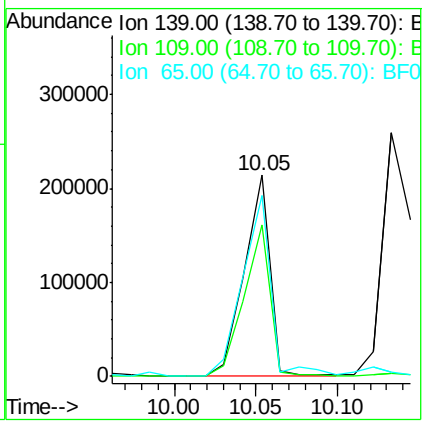


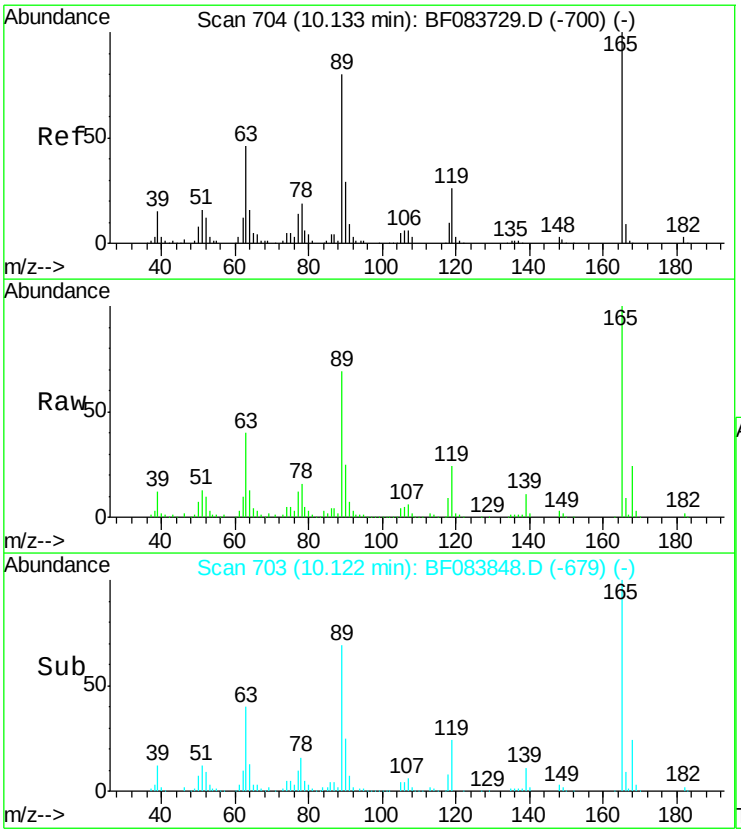
#55
4-Nitrophenol
Concen: 90.54 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:139 Resp: 234555

Ion	Ratio	Lower	Upper
139	100		
109	75.1	42.0	82.0
65	90.3	89.2	129.2

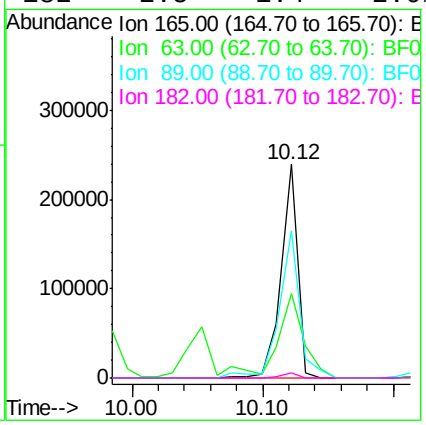


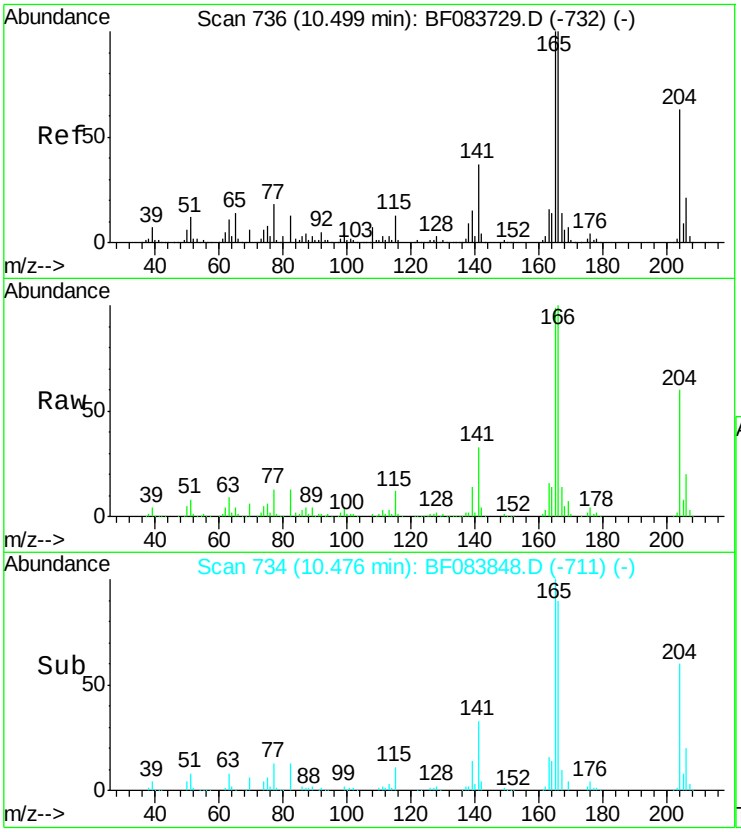


#56
2,4-Dinitrotoluene
Concen: 53.92 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:165 Resp: 213760

Ion	Ratio	Lower	Upper
165	100		
63	39.8	51.4	77.2#
89	68.9	72.6	108.8#
182	2.5	1.4	2.0#



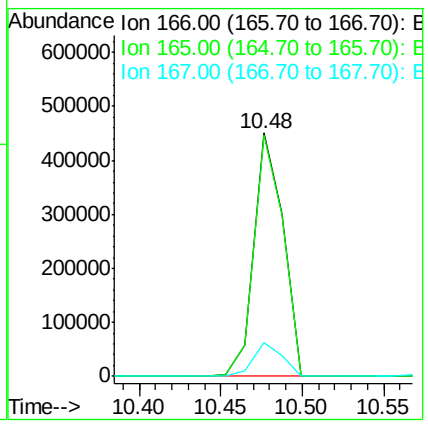


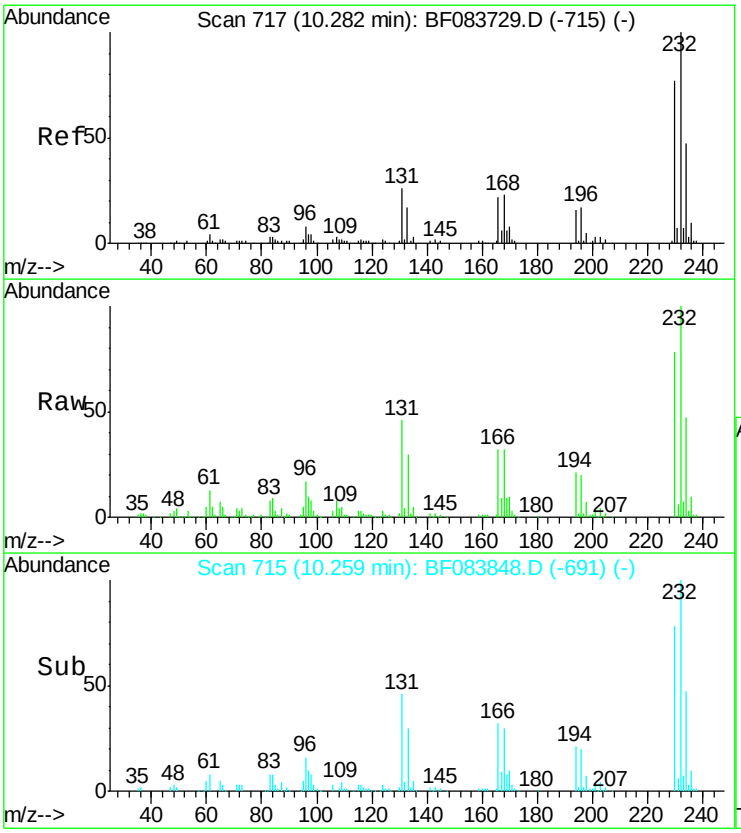
#57
Fluorene
Concen: 43.94 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:166 Resp: 559537

Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.0	120.0
167	14.1	10.6	16.0

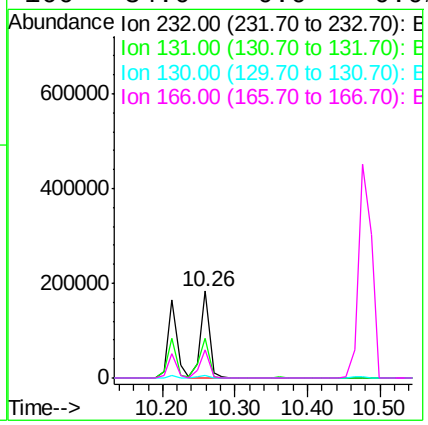


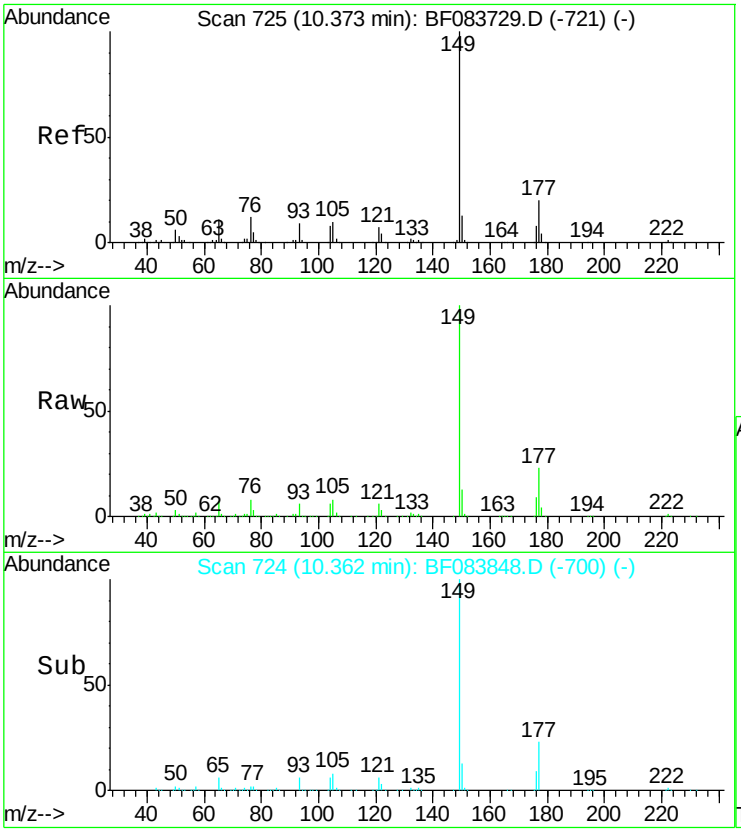


#58
2,3,4,6-Tetrachlorophenol
Concen: 56.57 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:232 Resp: 159391

Ion	Ratio	Lower	Upper
232	100		
131	50.9	0.0	0.0#
130	2.6	0.0	0.0#
166	34.0	0.0	0.0#



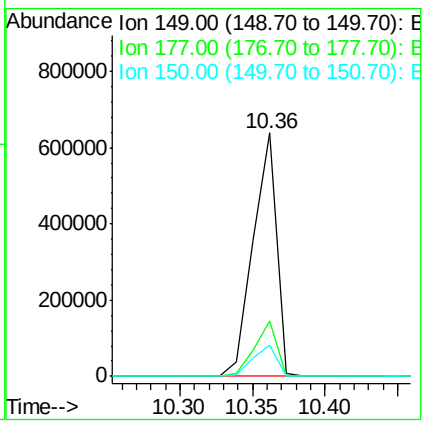


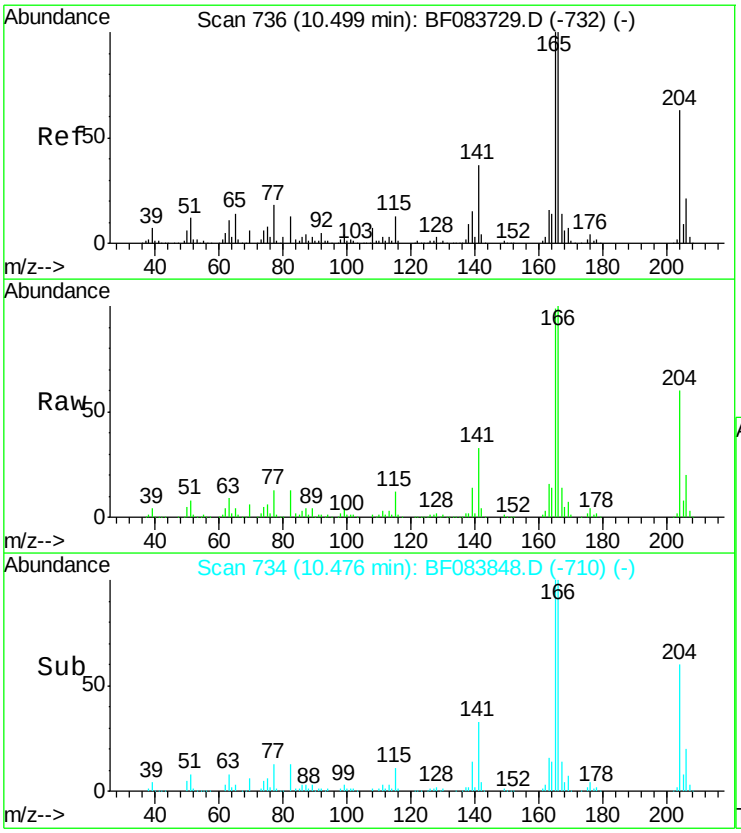
#59
Diethylphthalate
Concen: 49.38 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:149 Resp: 714875

Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.9	25.3
150	12.7	10.2	15.4

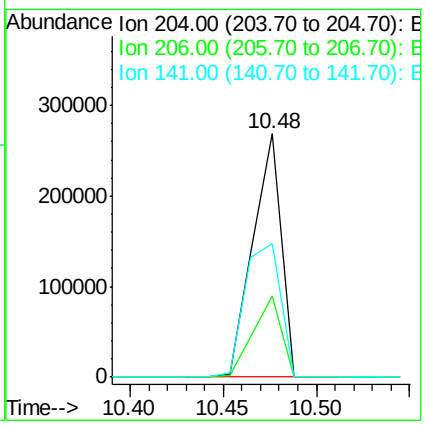


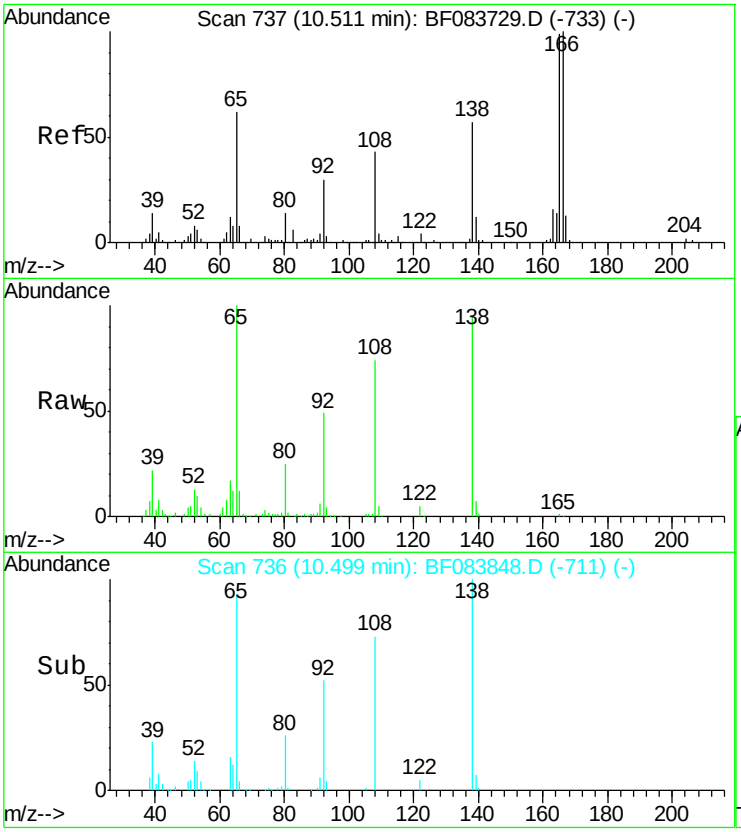


#60
4-Chlorophenyl-phenylether
Concen: 48.36 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:204 Resp: 280803

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.3	40.9
141	55.1	51.9	77.9



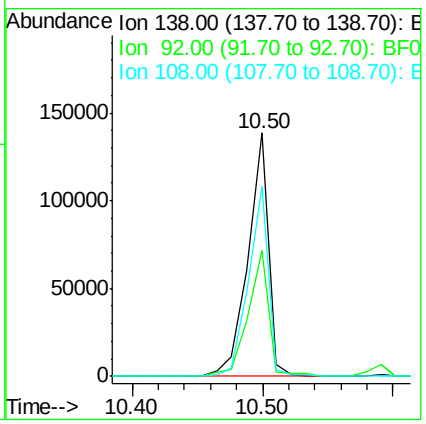


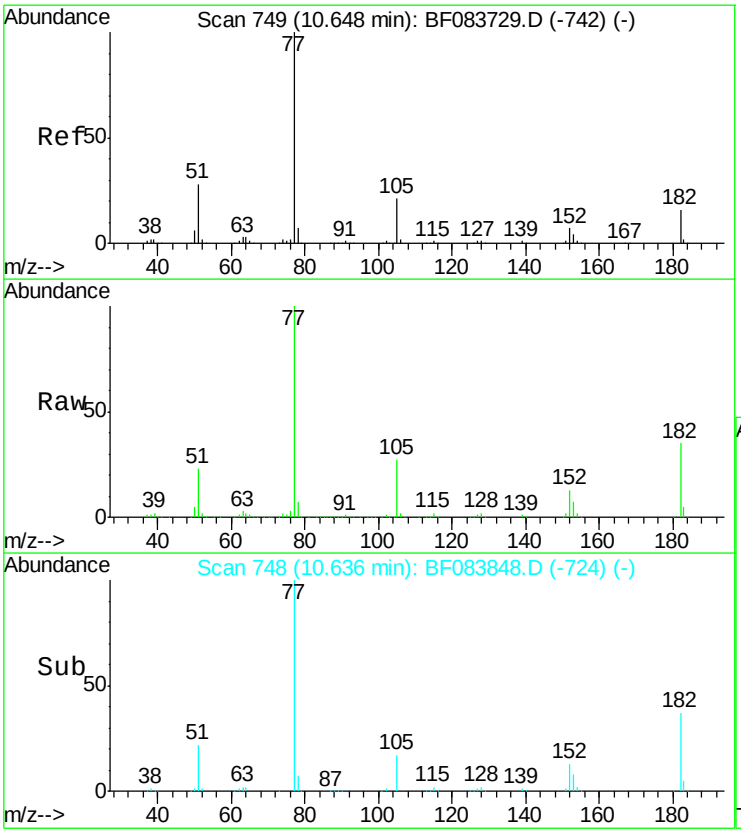
#61
4-Nitroaniline
Concen: 49.12 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:138 Resp: 151477

Ion	Ratio	Lower	Upper
138	100		
92	51.7	29.0	69.0
108	78.2	47.4	87.4

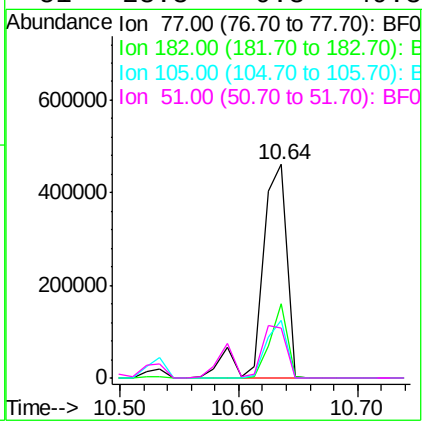


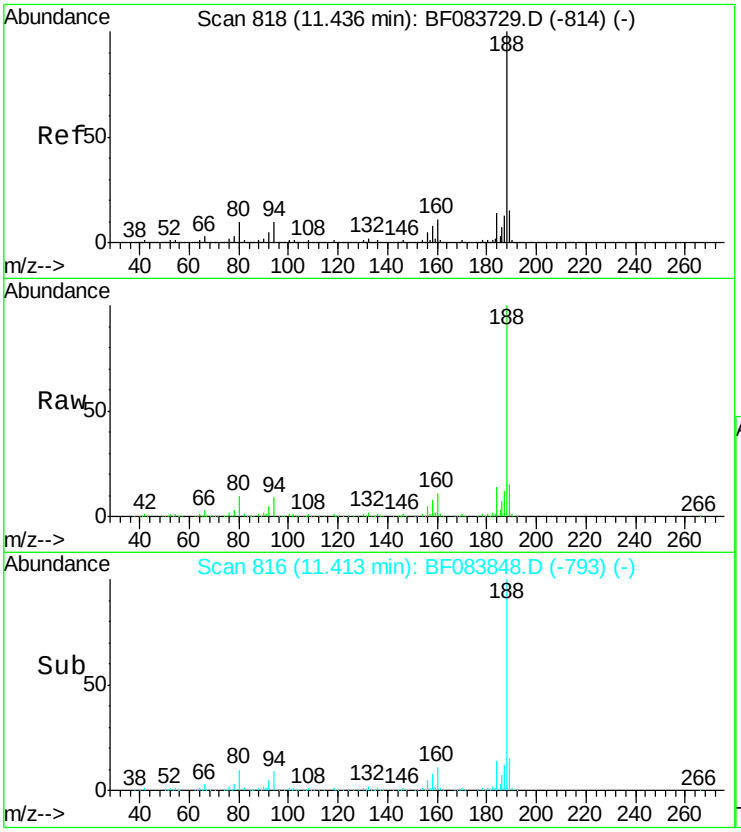


#62
Azobenzene
Concen: 51.14 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion: 77 Resp: 674802

Ion	Ratio	Lower	Upper
77	100		
182	34.9	2.5	42.5
105	27.2	2.1	42.1
51	23.3	9.3	49.3



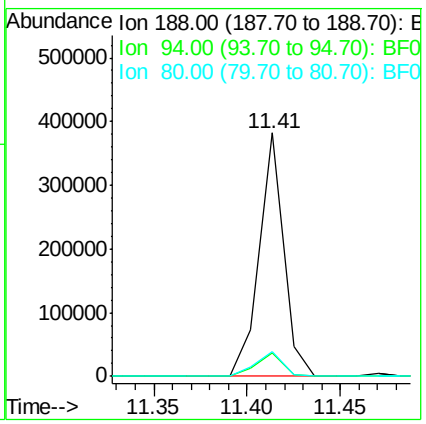


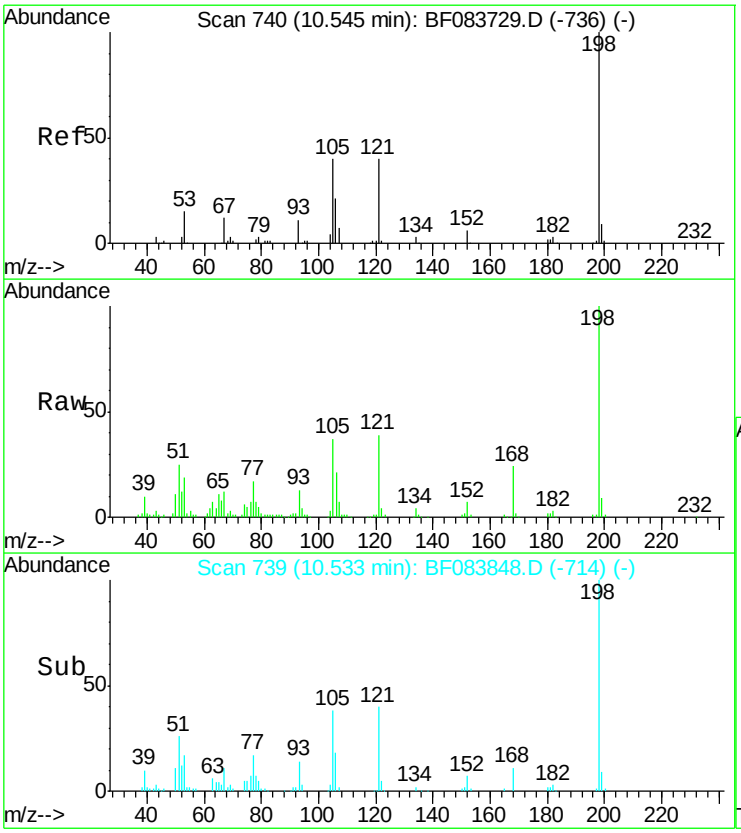
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:188 Resp: 345367

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.2	10.6	16.0#

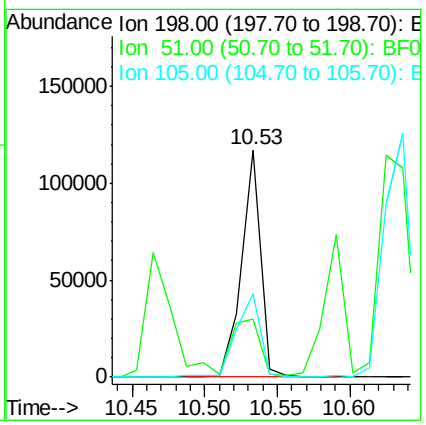


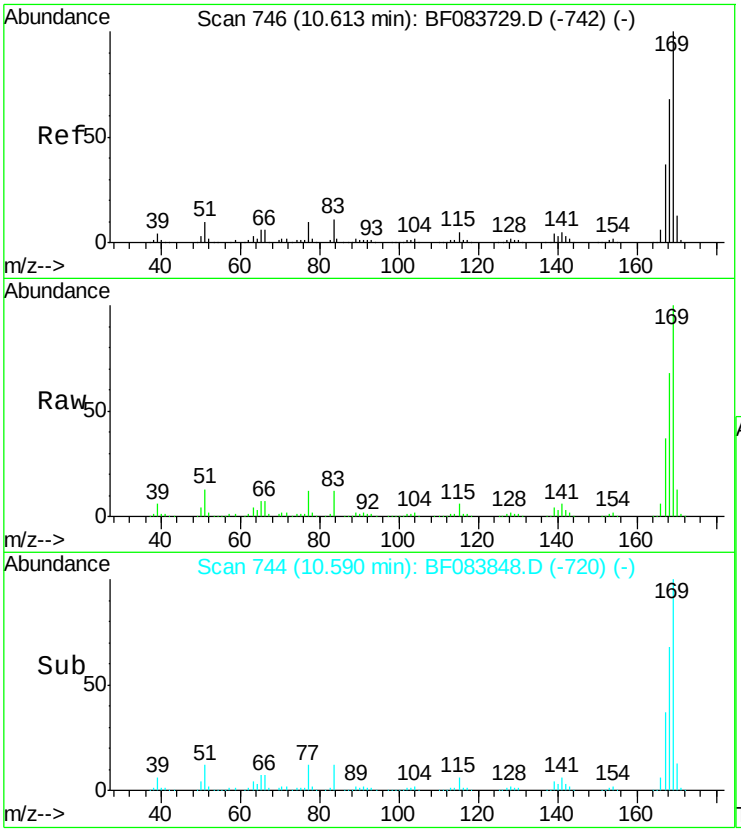


#64
4,6-Dinitro-2-methylphenol
Concen: 54.58 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:198 Resp: 107258

Ion	Ratio	Lower	Upper
198	100		
51	25.4	53.8	93.8#
105	36.9	38.6	78.6#



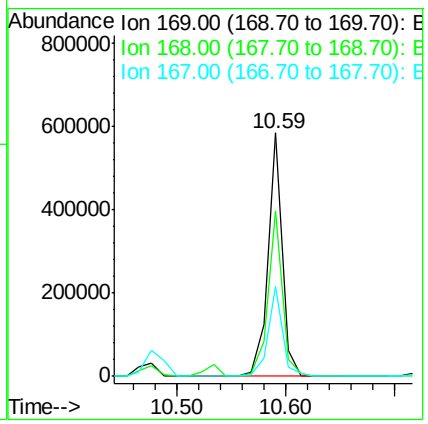


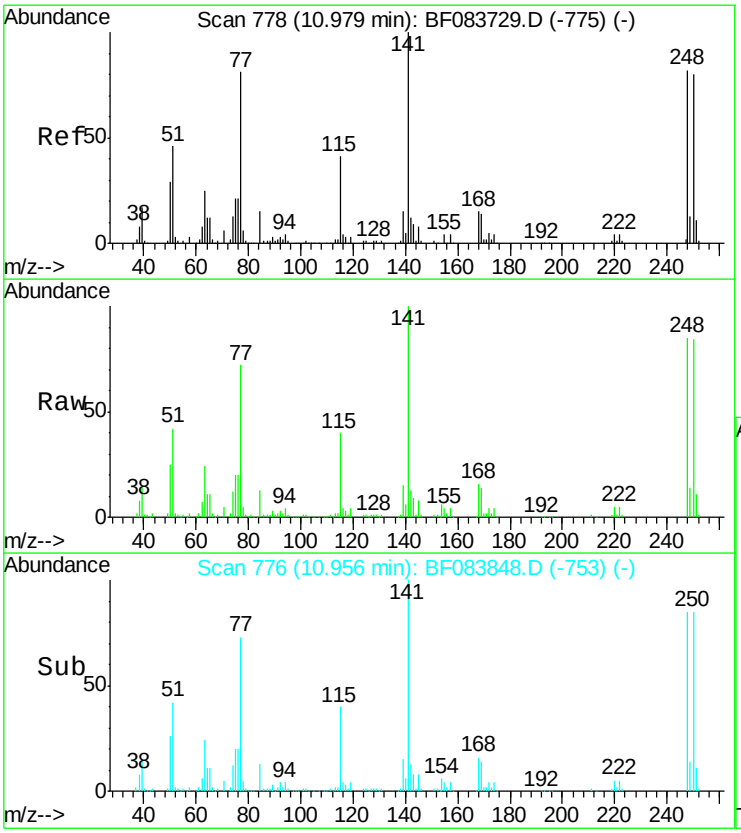
#65
n-Nitrosodiphenylamine
Concen: 45.67 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:169 Resp: 539492

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.0	79.6
167	37.2	29.3	43.9

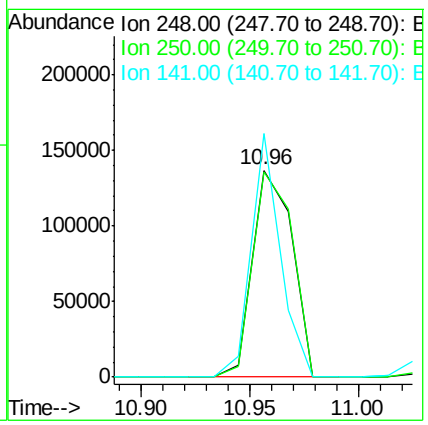


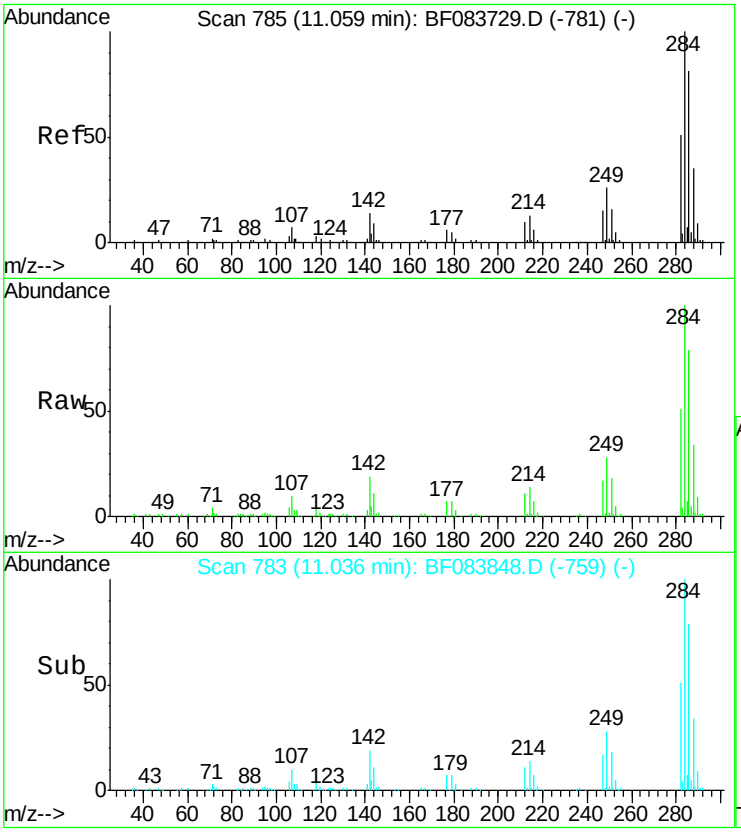


#66
4-Bromophenyl-phenylether
Concen: 45.34 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:248 Resp: 175082

Ion	Ratio	Lower	Upper
248	100		
250	99.0	79.2	118.8
141	117.6	58.2	87.4#



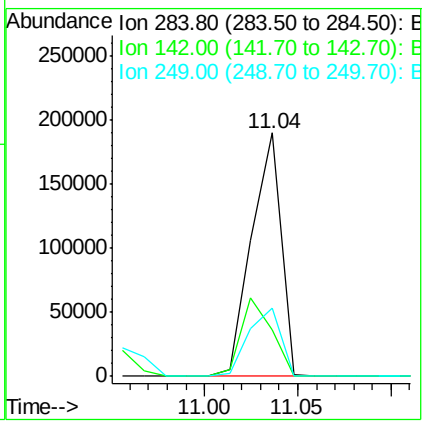


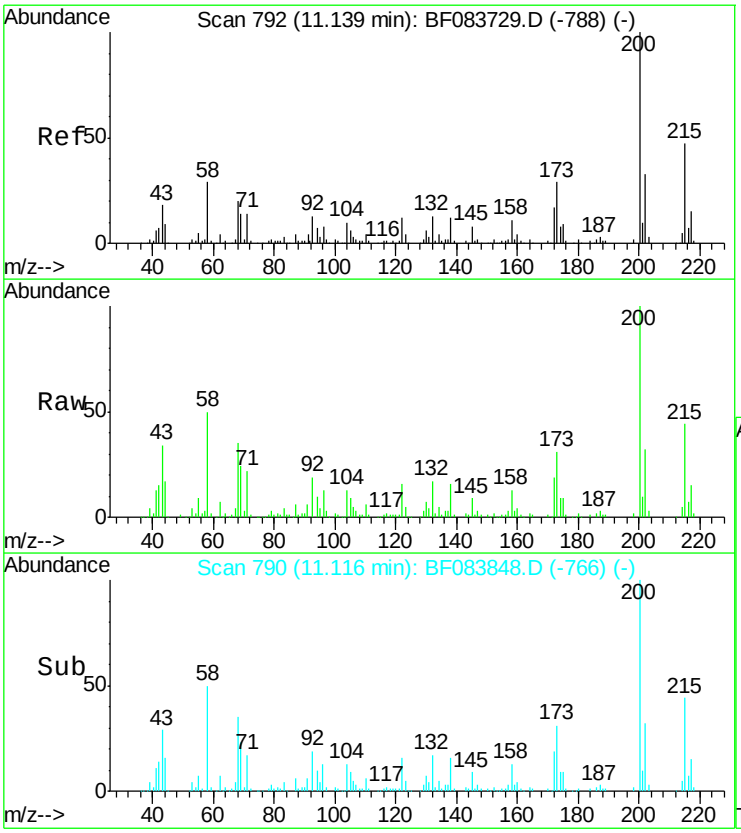
#67
Hexachlorobenzene
Concen: 49.70 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:284 Resp: 207675

Ion	Ratio	Lower	Upper
284	100		
142	18.9	31.0	46.4#
249	27.9	26.9	40.3

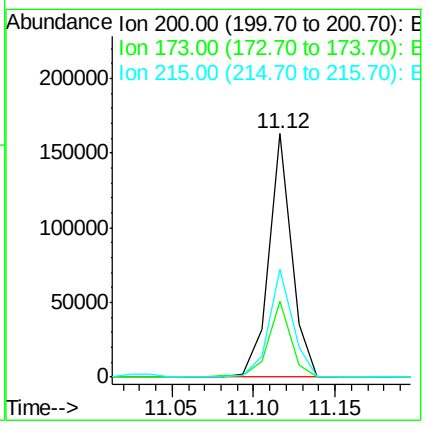


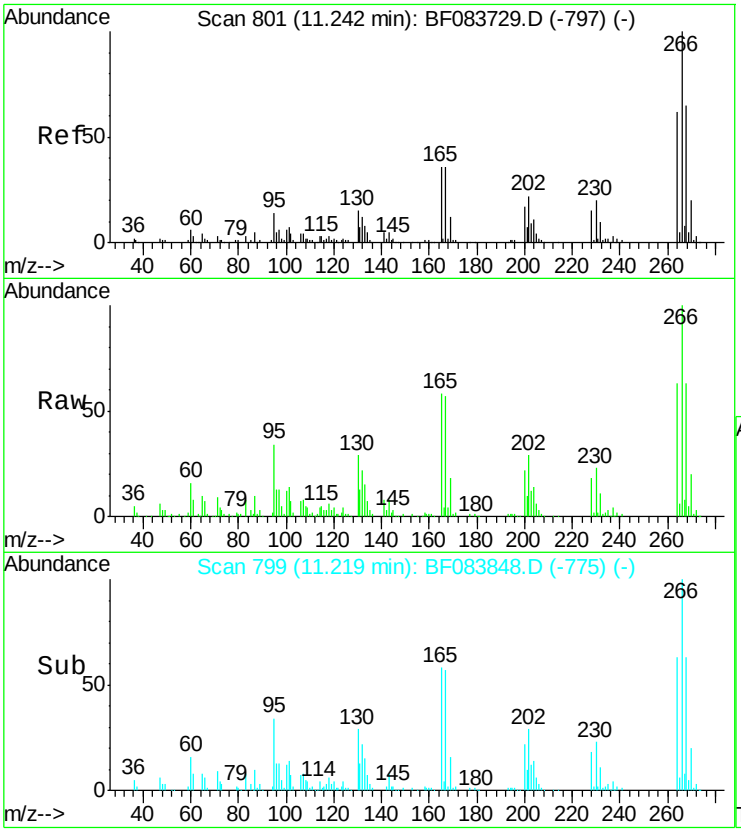


#68
Atrazine
Concen: 47.58 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:200 Resp: 159915

Ion	Ratio	Lower	Upper
200	100		
173	31.2	7.8	47.8
215	44.2	25.7	65.7



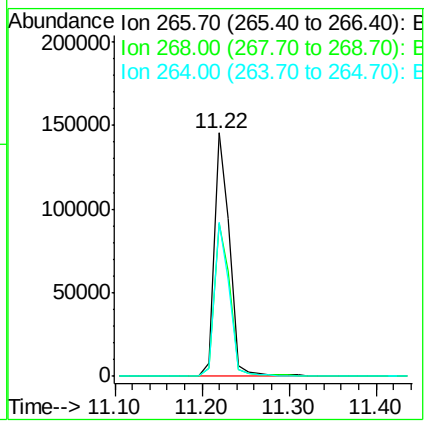


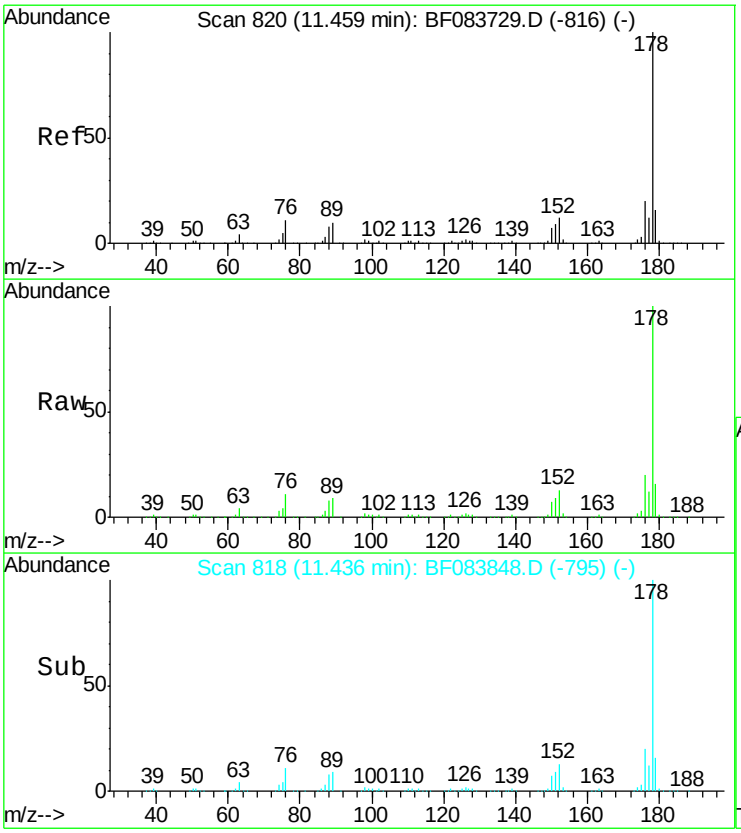
#69
Pentachlorophenol
Concen: 76.95 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:266 Resp: 181351

Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.2	75.2
264	63.4	51.4	77.2

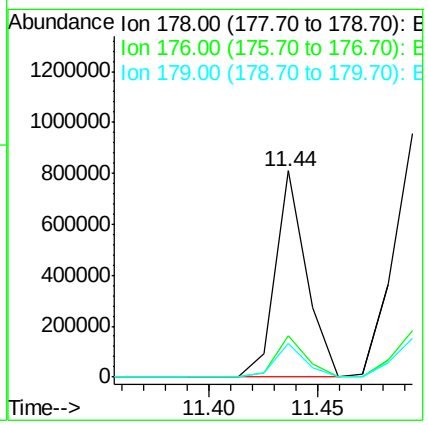


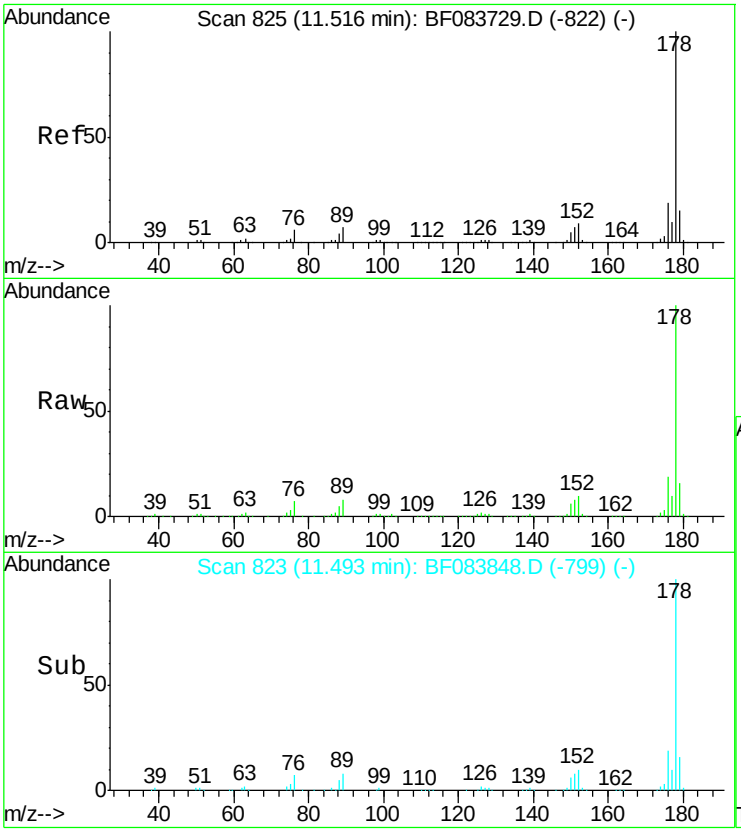


#70
Phenanthrene
Concen: 43.99 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:178 Resp: 807014

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.4	12.2	18.4



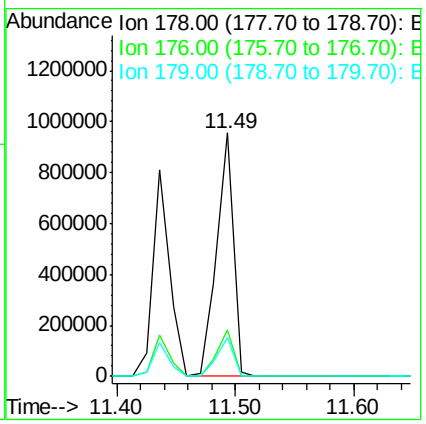


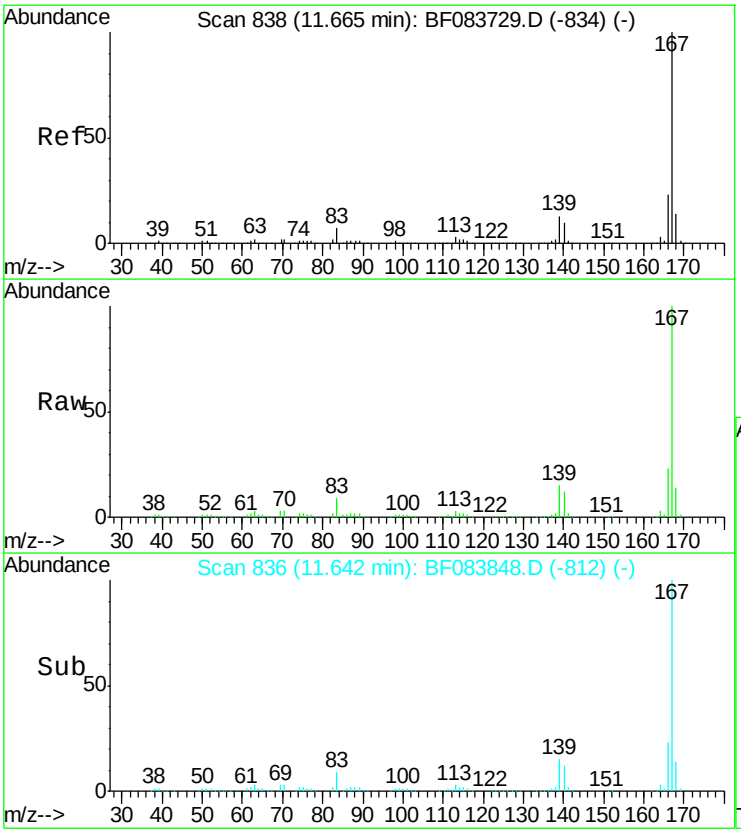
#71
Anthracene
Concen: 48.70 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:178 Resp: 928058

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.9	12.6	18.8

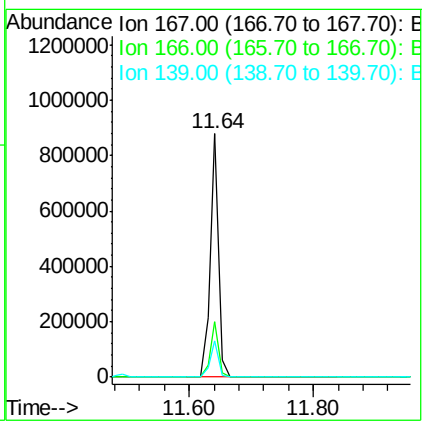


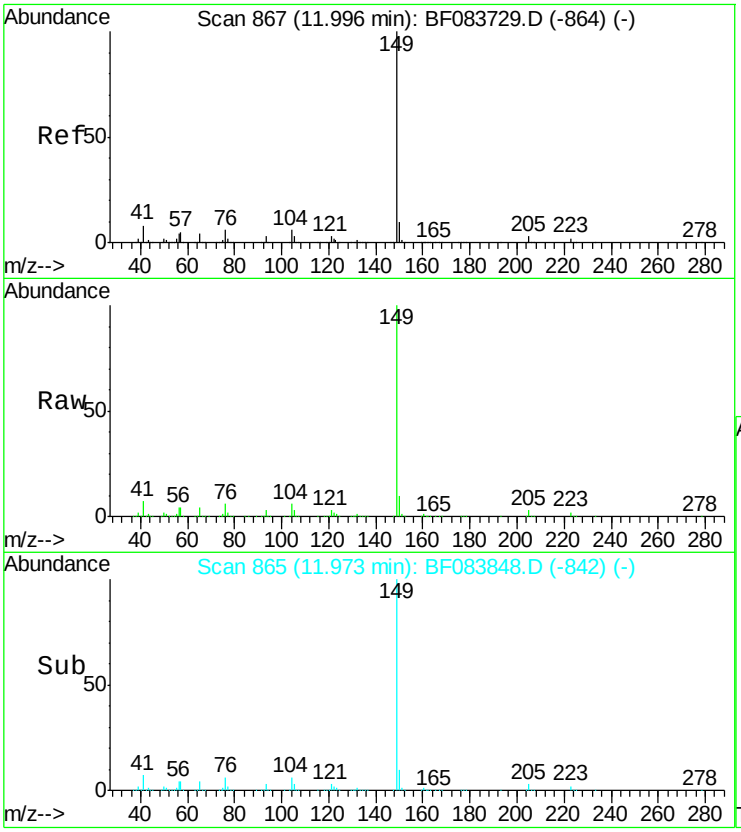


#72
Carbazole
Concen: 45.17 ng
RT: 11.64 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:167 Resp: 801973

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	14.7	9.3	13.9#



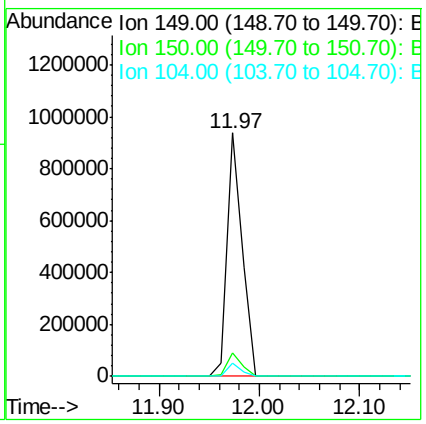


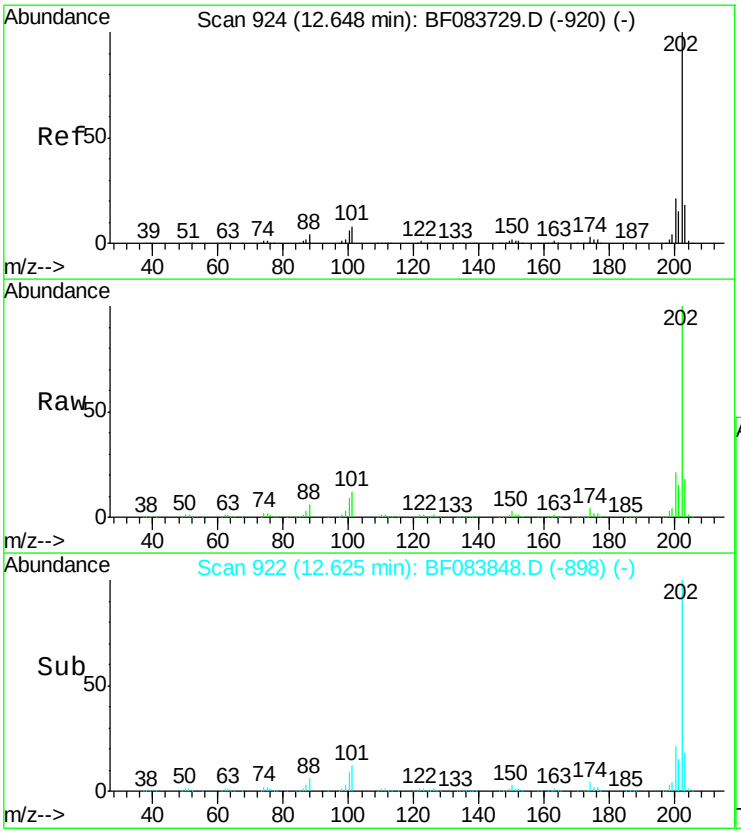
#73
Di-n-butylphthalate
Concen: 45.10 ng
RT: 11.97 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:149 Resp: 972304

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.6	3.9	5.9

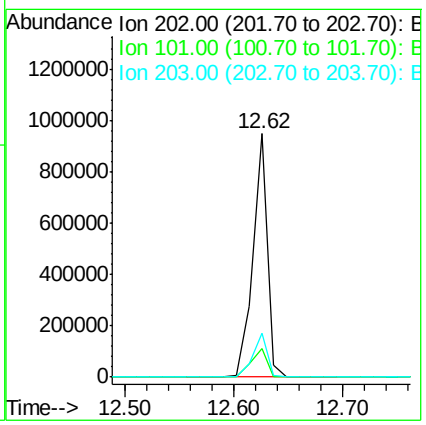


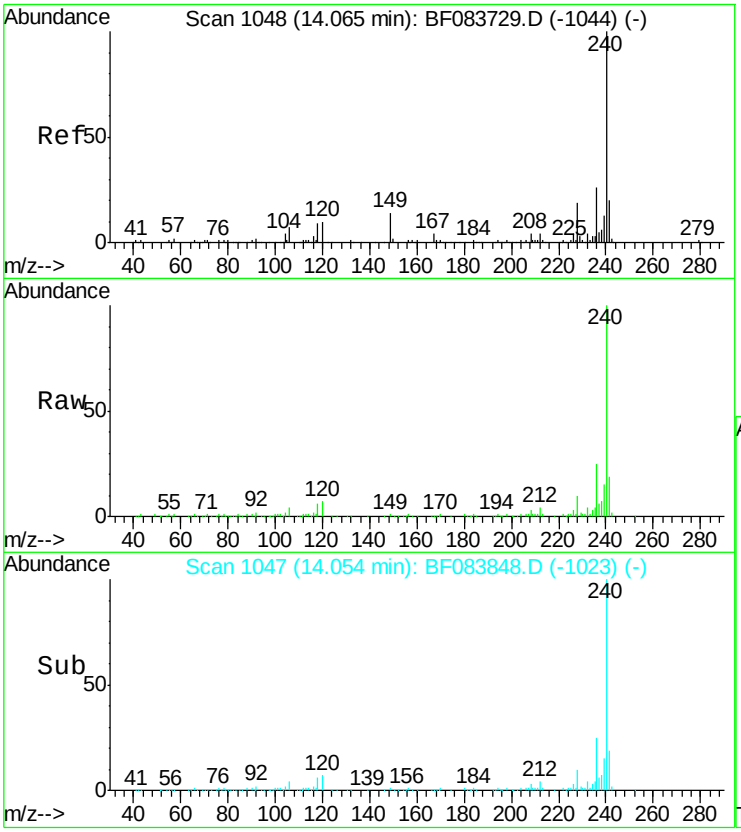


#74
Fluoranthene
Concen: 46.45 ng
RT: 12.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:202 Resp: 880602

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.5
203	18.1	0.0	37.6



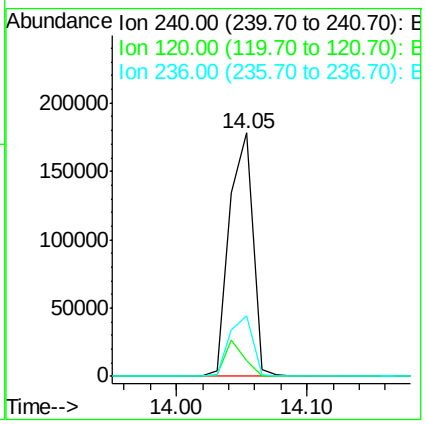


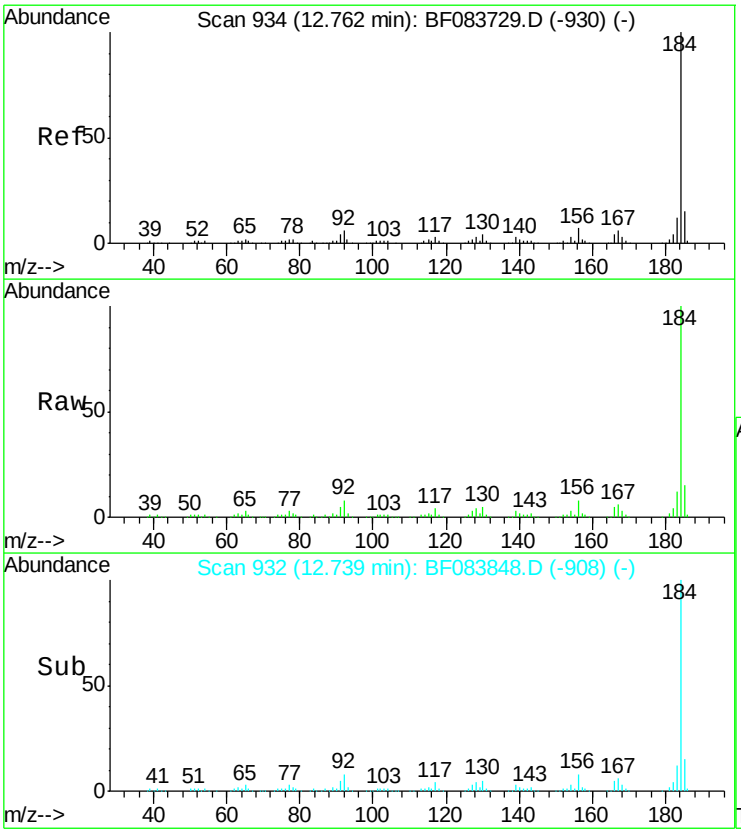
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:240 Resp: 221817

Ion	Ratio	Lower	Upper
240	100		
120	6.7	8.1	12.1#
236	24.8	20.8	31.2

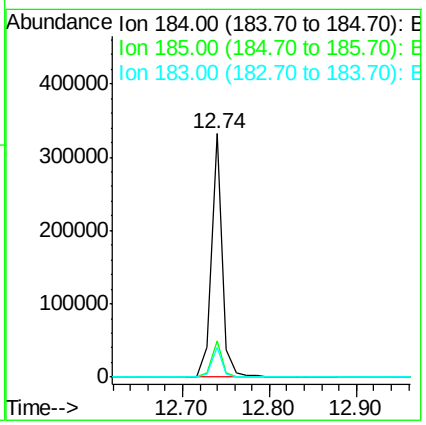


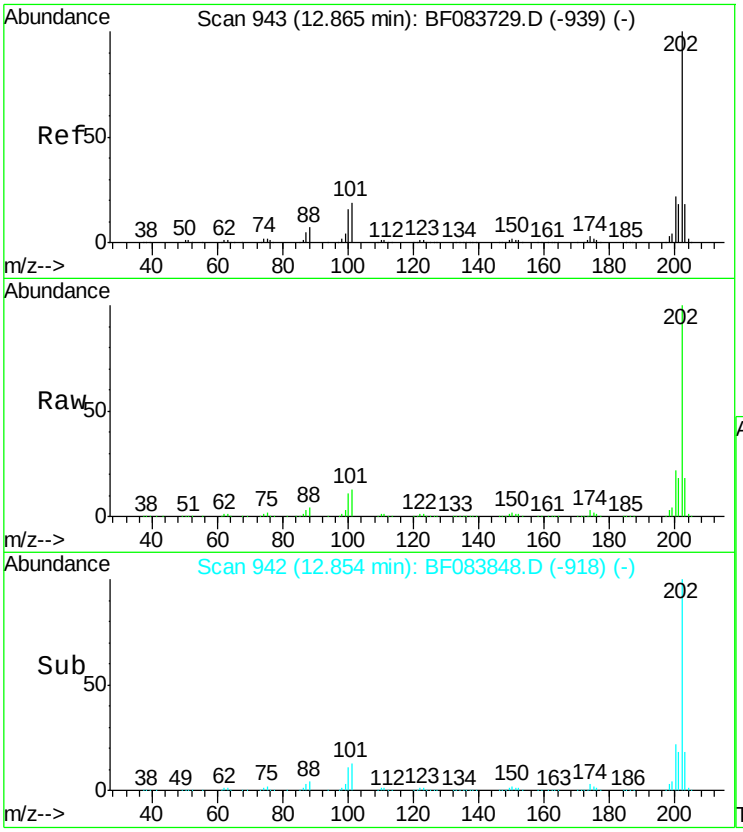


#76
Benzidine
Concen: 43.16 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:184 Resp: 291734

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.6
183	12.4	9.0	13.4



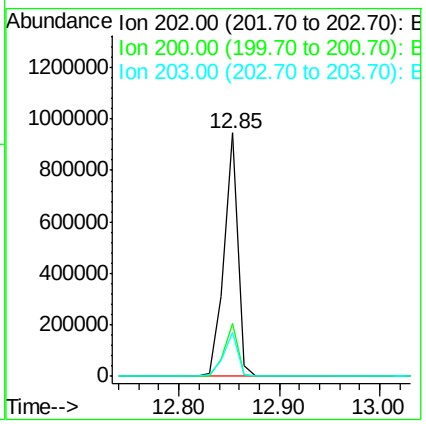


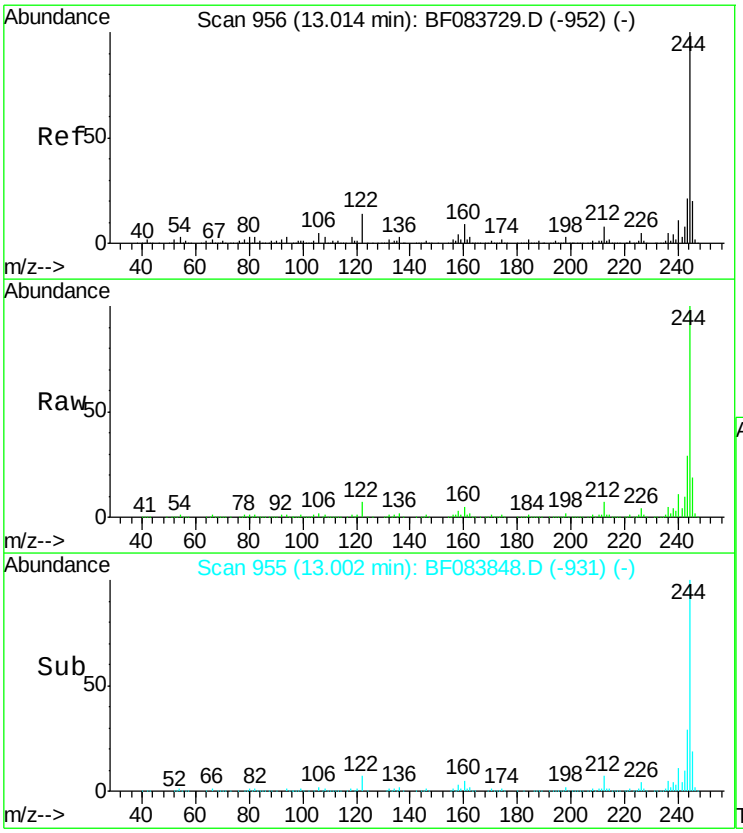
#77
Pyrene
Concen: 51.55 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:202 Resp: 903804

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.7	25.1
203	18.0	14.3	21.5

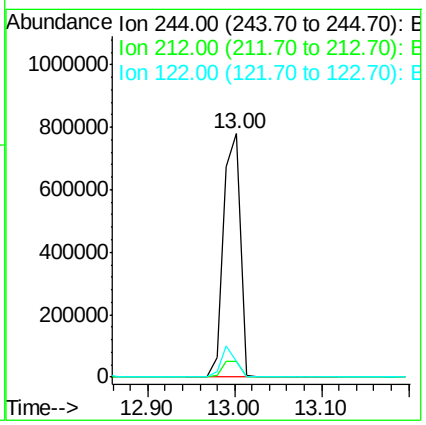


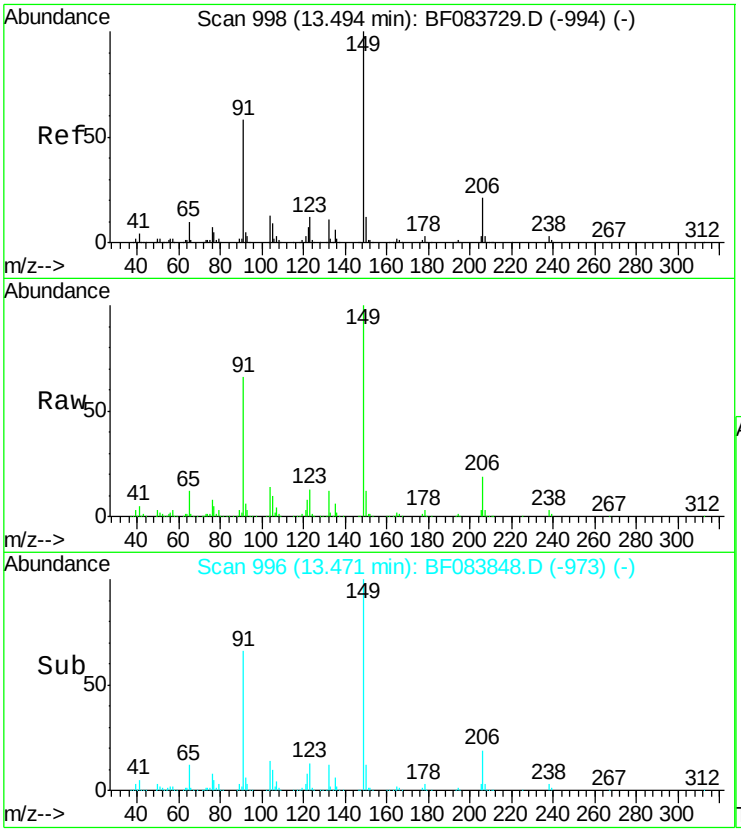


#78
Terphenyl-d14
Concen: 101.61 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:244 Resp: 1047812

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	6.7	11.0	16.6#



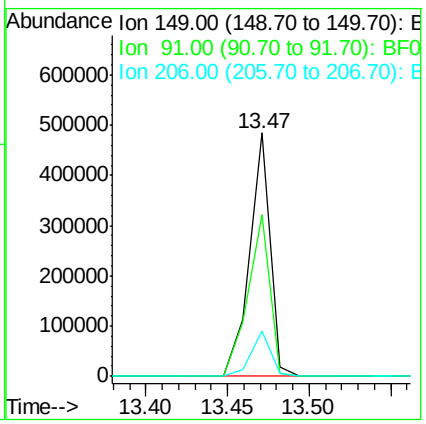


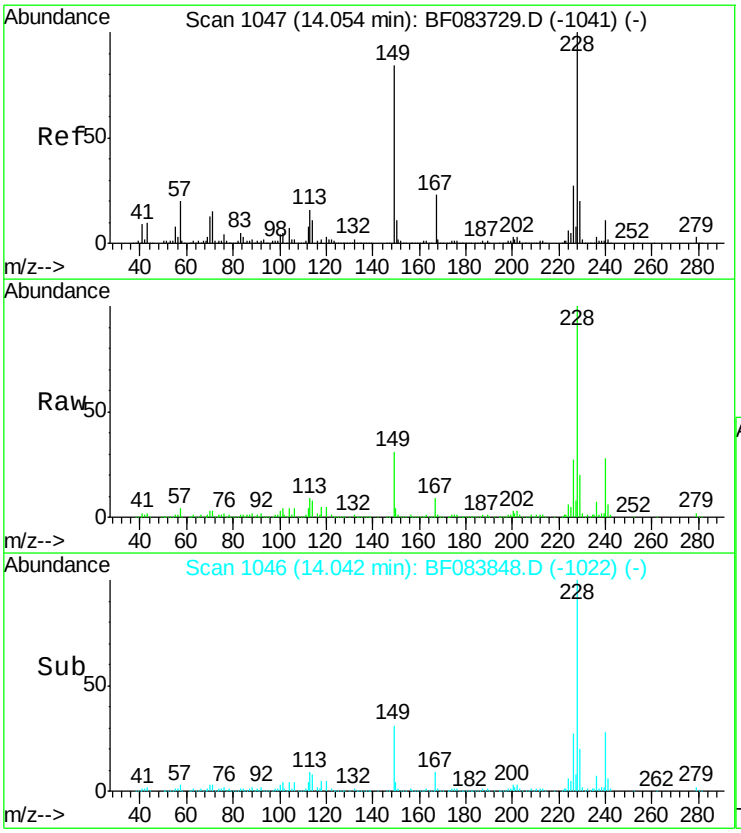
#79
Butylbenzylphthalate
Concen: 56.37 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:149 Resp: 424188

Ion	Ratio	Lower	Upper
149	100		
91	66.4	60.0	90.0
206	18.7	16.2	24.4

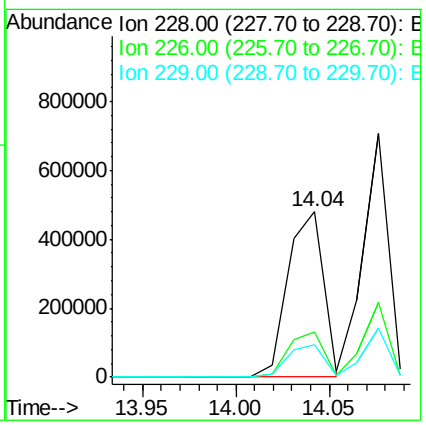


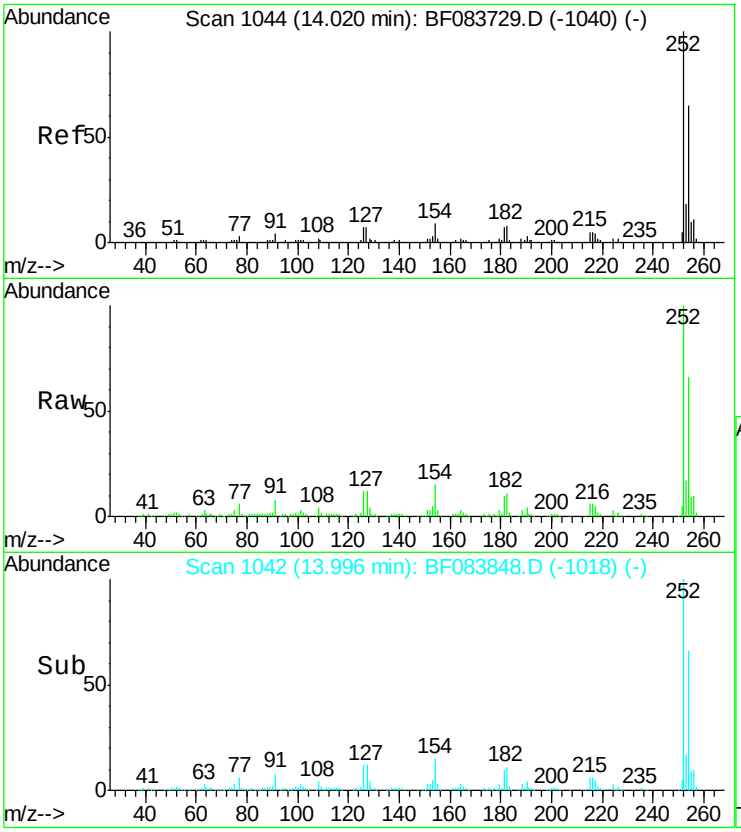


#80
Benzo(a)anthracene
Concen: 50.84 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:228 Resp: 641303

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.0	15.7	23.5



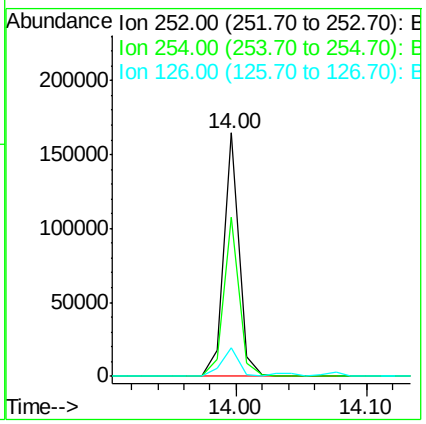


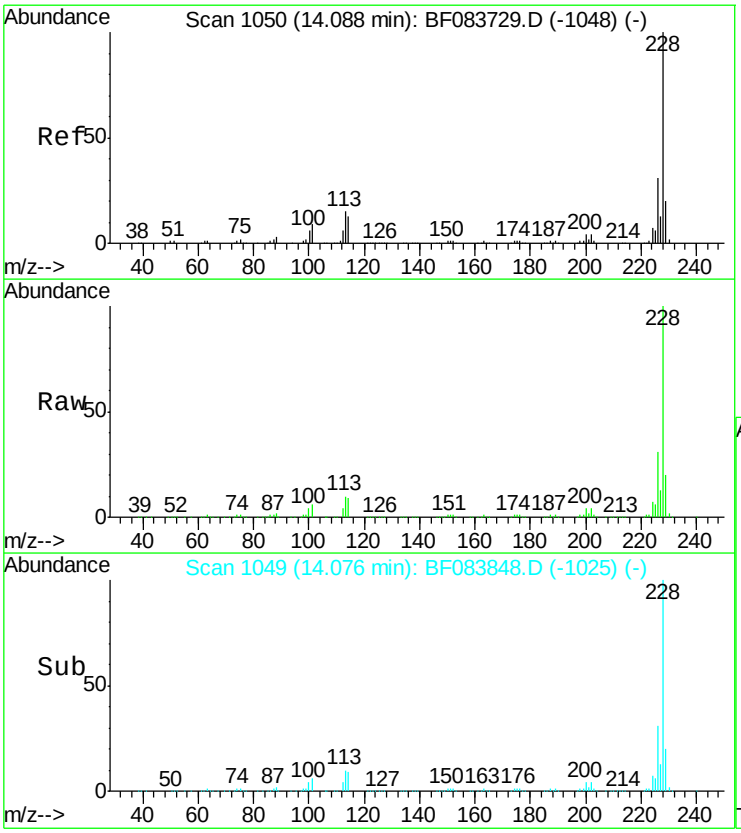
#81
3,3'-Dichlorobenzidine
Concen: 29.95 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:252 Resp: 136273

Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.6	76.0
126	11.9	11.0	16.4

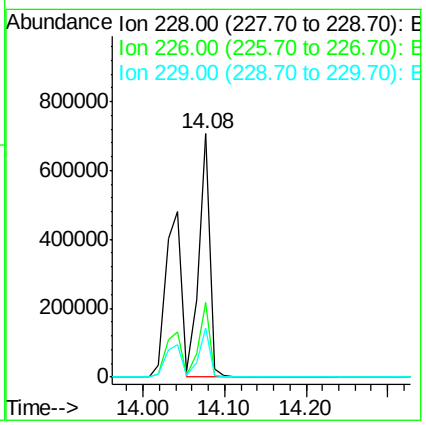


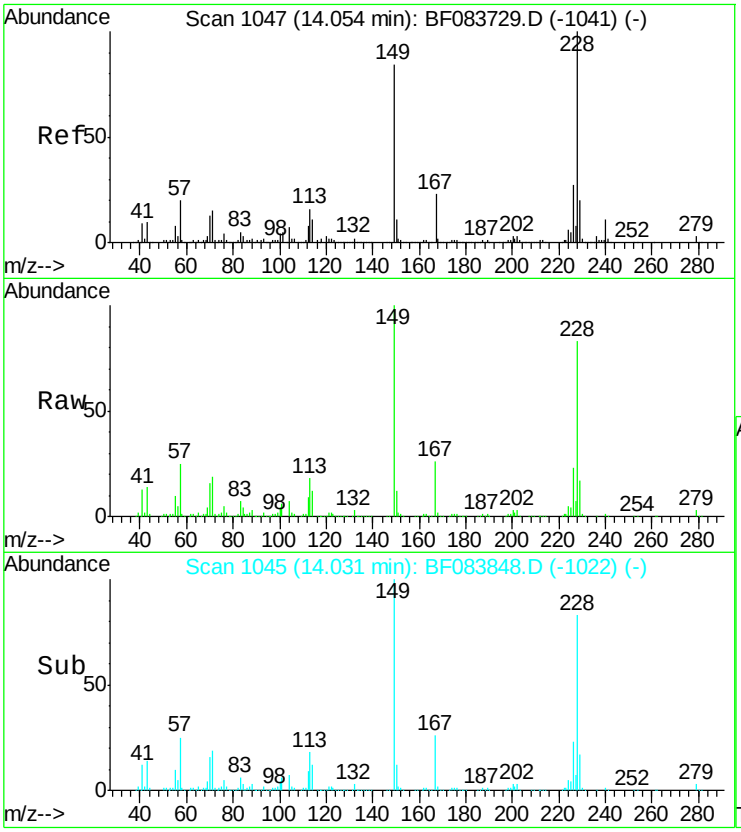


#82
Chrysene
Concen: 54.14 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:228 Resp: 666102

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	20.1	16.3	24.5



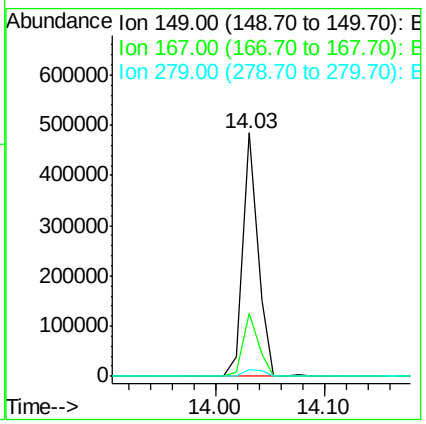


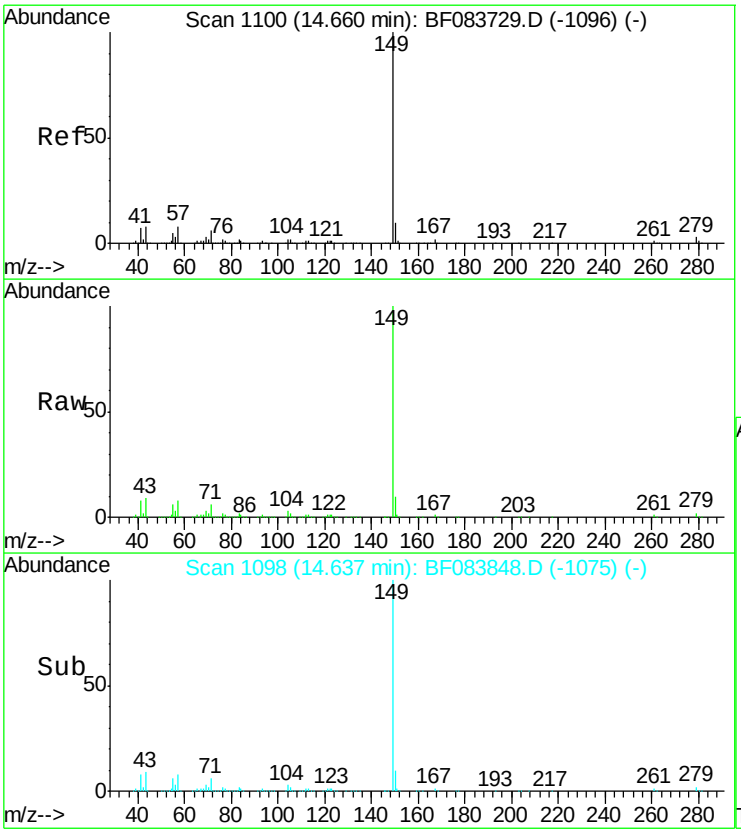
#83
Bis(2-ethylhexyl)phthalate
Concen: 54.62 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:149 Resp: 467762

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.8	32.8
279	2.6	3.0	4.4#

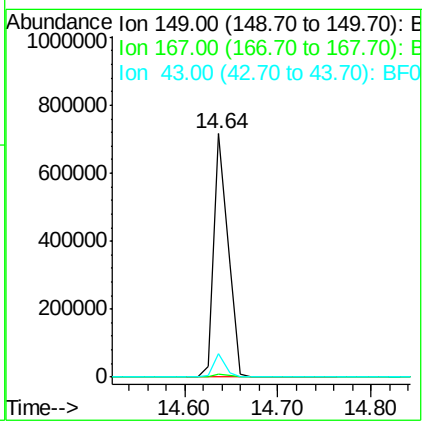


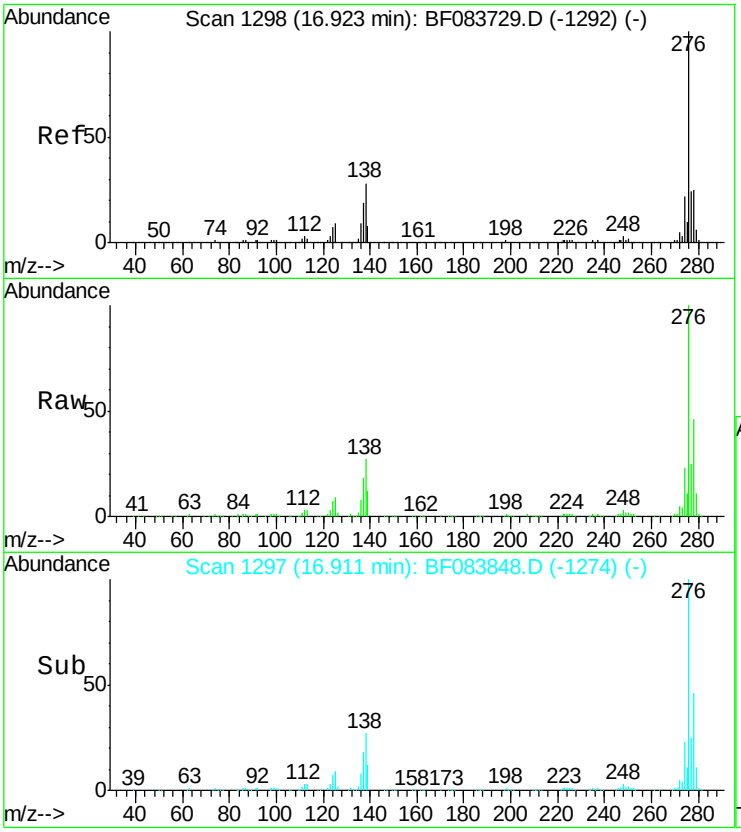


#84
Di-n-octyl phthalate
Concen: 55.25 ng
RT: 14.64 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:149 Resp: 751827

Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.9	0.0	0.0#



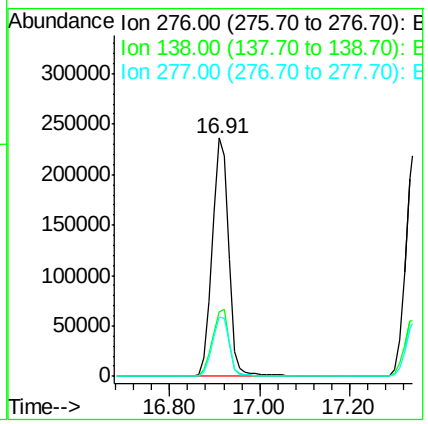


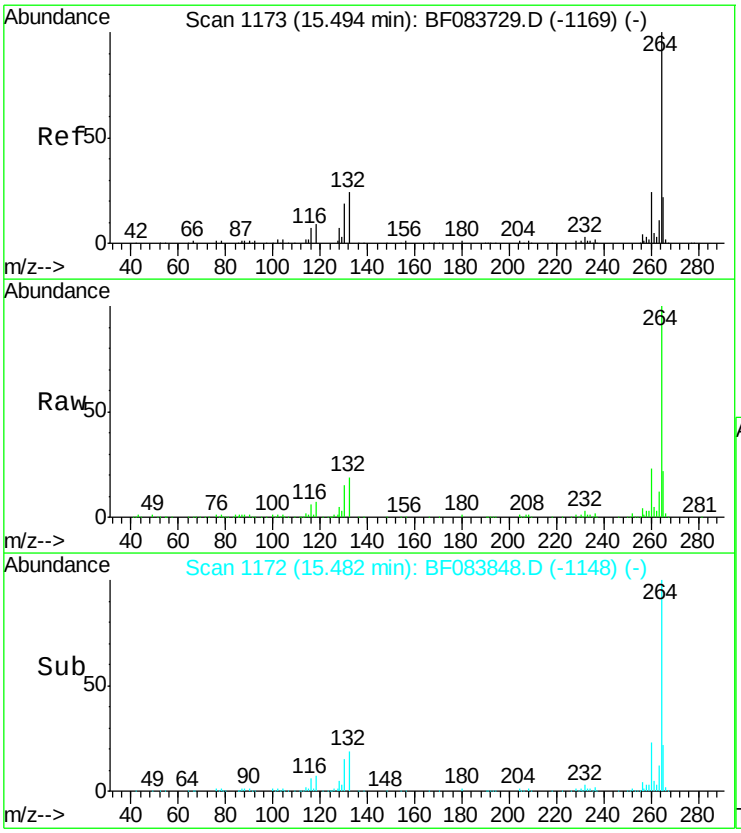
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.29 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:276 Resp: 607635

Ion	Ratio	Lower	Upper
276	100		
138	28.3	0.0	0.0#
277	25.6	0.0	0.0#

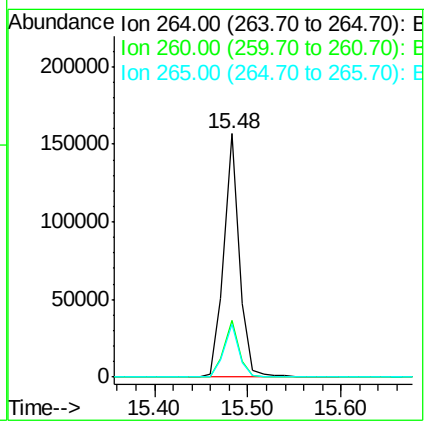


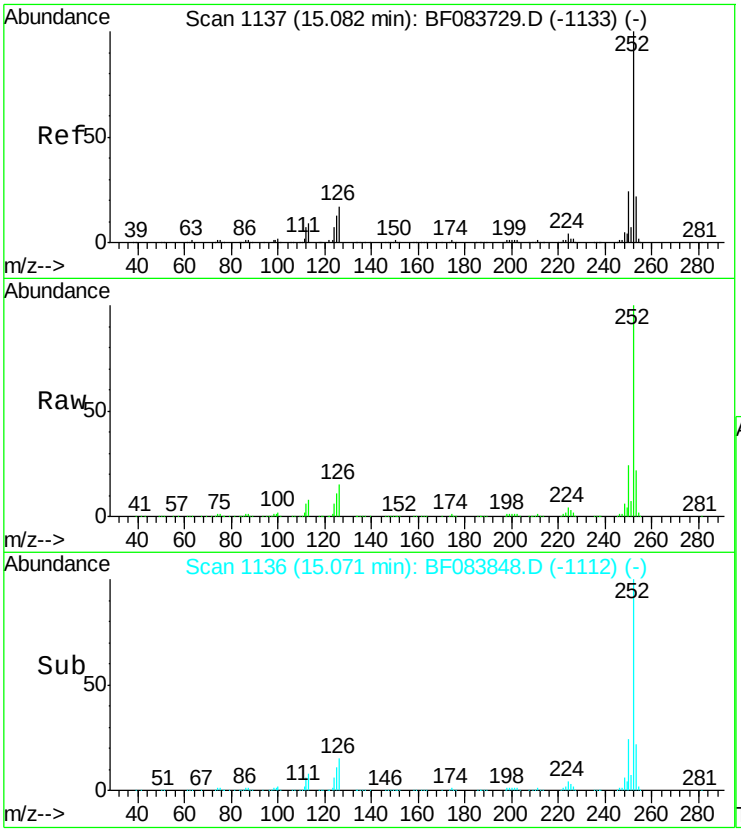


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:264 Resp: 181544

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.5	17.8	26.6



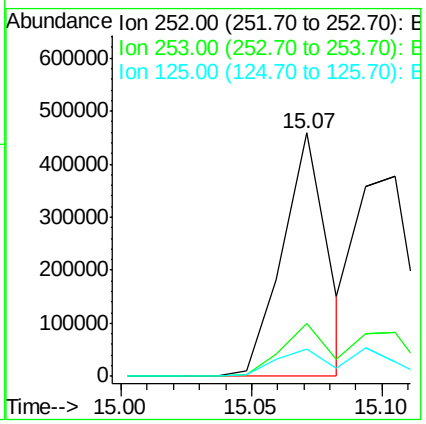


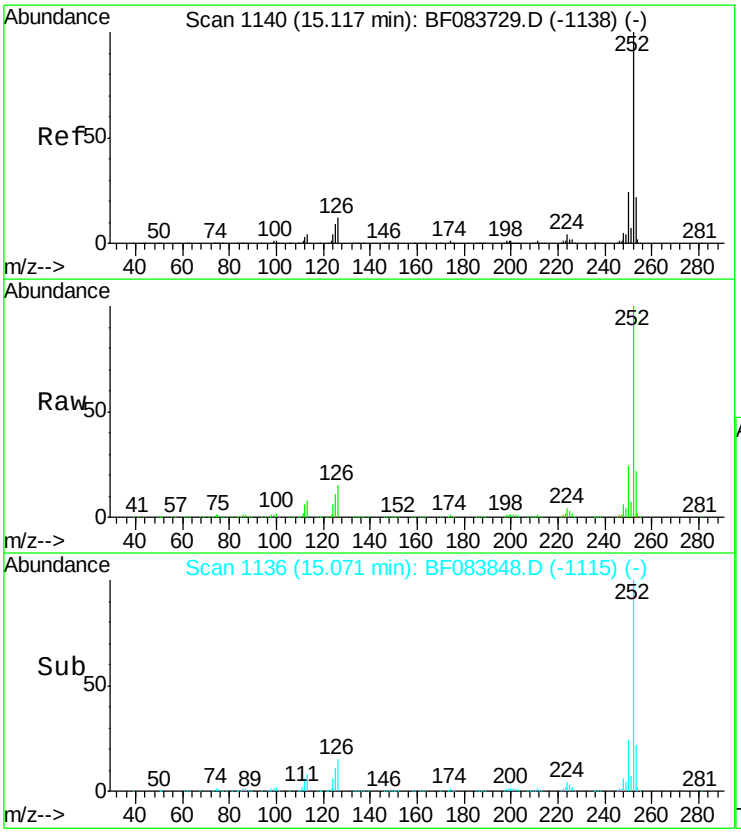
#87
Benzo(b)fluoranthene
Concen: 47.58 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:252 Resp: 551089

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.3	8.2	12.4

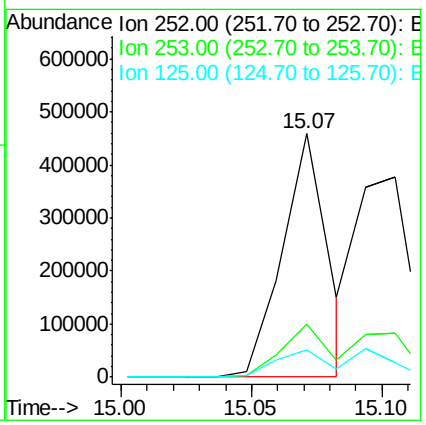


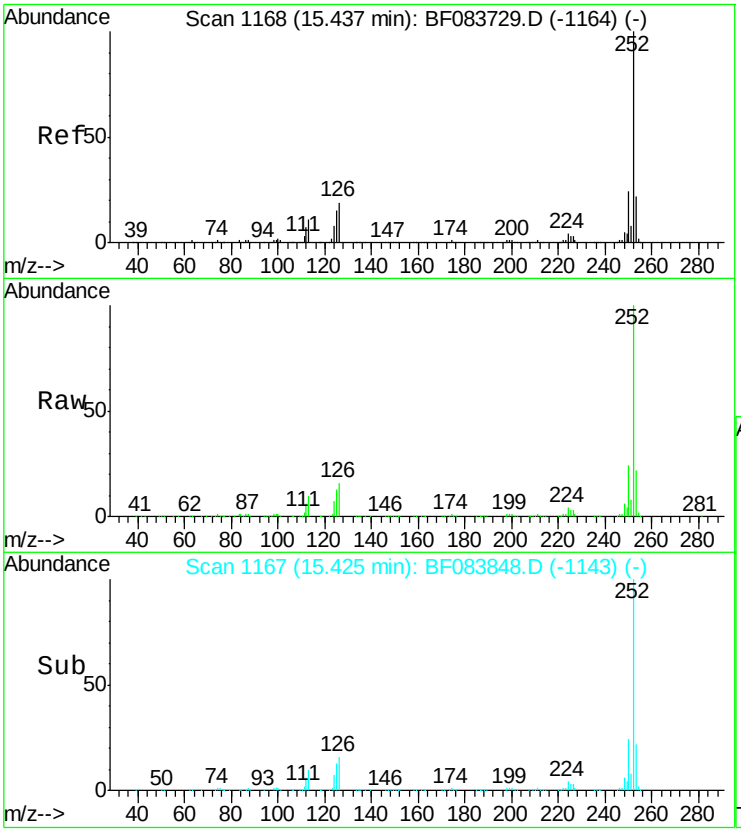


#88
Benzo(k)fluoranthene
Concen: 52.51 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:252 Resp: 551089

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	27.8
125	11.3	11.5	17.3#



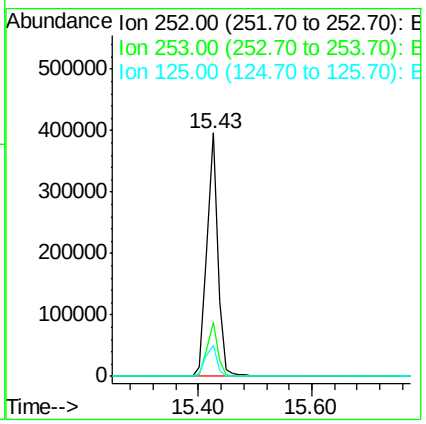


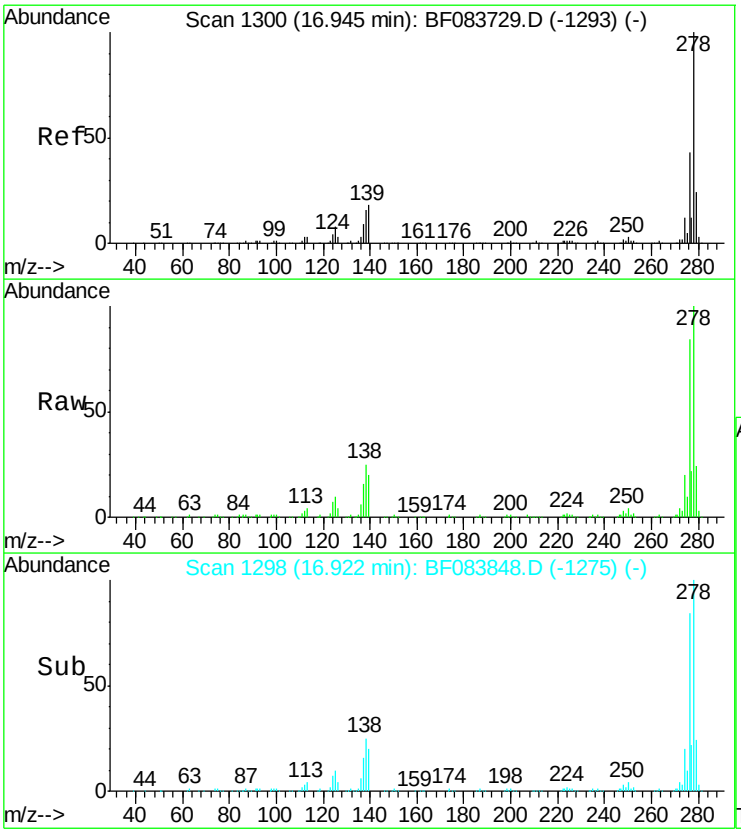
#89
Benzo(a)pyrene
Concen: 49.32 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:252 Resp: 509737

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	12.8	11.0	16.6

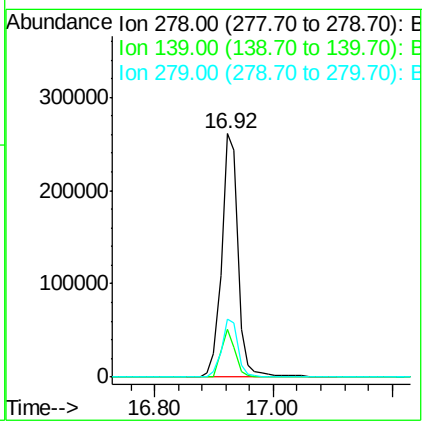


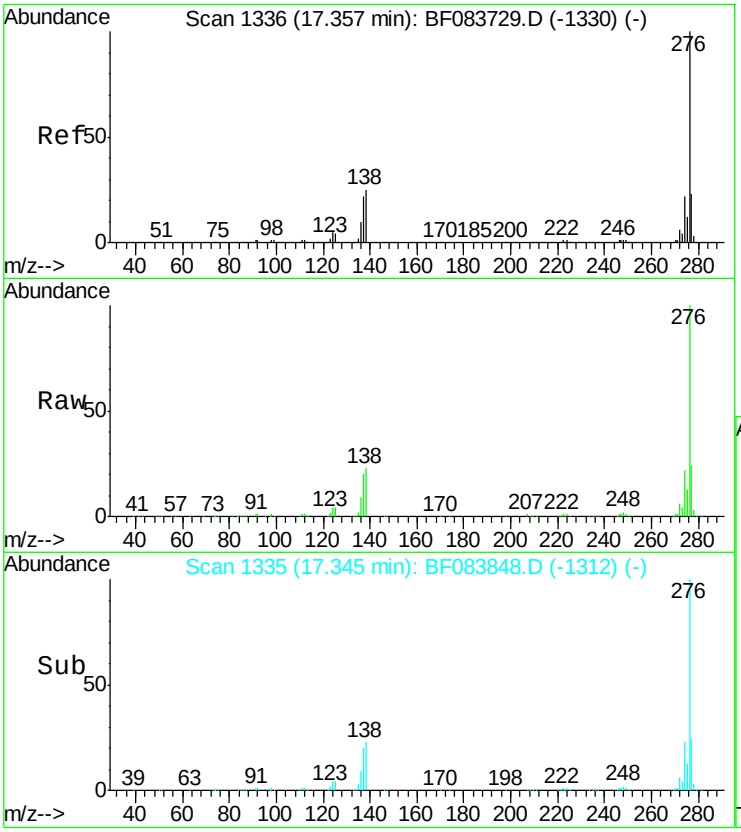


#90
Dibenzo(a,h)anthracene
Concen: 48.84 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Tgt Ion:278 Resp: 501886

Ion	Ratio	Lower	Upper
278	100		
139	19.8	12.8	19.2#
279	23.9	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 49.23 ng
RT: 17.35 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BF083848.D
Acq: 16 Dec 2015 15:13

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-6AMSD

Tgt Ion:276 Resp: 520023

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	22.9	19.5	29.3