Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092481.D
Acq On : 25 Jan 2017 17:22
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 25 18:25:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179625	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	727200	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	414554	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	656242	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	546437	20.00	ng		-0.01
86) Perylene-d12	15.63	264	435325	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	927542	80.34	ng		0.01
7) Phenol-d6	6.59	99	1104848	75.13	ng		0.00
23) Nitrobenzene-d5	7.54	82	1052832	79.09	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	226785	80.28	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1676005	74.76	ng		-0.01
78) Terphenyl-d14	13.11	244	1443734	70.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	231887	37.77	ng	#	83
3) Pyridine	3.38	79	651246	37.26	ng	#	83
4) n-Nitrosodimethylamine	3.33	42	315923	36.84	ng		83
6) Aniline	6.62	93	870632	39.69	ng	#	46
8) 2-Chlorophenol	6.75	128	483423	39.86	ng		96
9) Benzaldehyde	6.51	77	381282	36.53	ng		90
10) Phenol	6.60	94	651225	36.69	ng	#	75
11) bis(2-Chloroethyl)ether	6.70	93	539235	40.60	ng		95
12) 1,3-Dichlorobenzene	6.91	146	576559m	40.20	ng		
13) 1,4-Dichlorobenzene	6.99	146	604746	41.90	ng		95
14) 1,2-Dichlorobenzene	7.14	146	507561	37.07	ng		98
15) Benzyl Alcohol	7.10	79	425607	38.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	987125	37.57	ng		93
17) 2-Methylphenol	7.22	107	398026	38.41	ng		97
18) Hexachloroethane	7.49	117	205987	41.43	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	372785	37.22	ng		93
20) 3+4-Methylphenols	7.38	107	504627	40.14	ng		97
22) Acetophenone	7.39	105	683175	39.44	ng	#	87
24) Nitrobenzene	7.56	77	584277	41.89	ng	#	87
25) Isophorone	7.80	82	1009911	38.50	ng		97
26) 2-Nitrophenol	7.87	139	255758	43.76	ng		91
27) 2,4-Dimethylphenol	7.92	122	476294	39.19	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	635943	36.93	ng		97
29) 2,4-Dichlorophenol	8.11	162	418168	39.68	ng		88
30) 1,2,4-Trichlorobenzene	8.20	180	436891	38.36	ng		96
31) Naphthalene	8.28	128	1386990	37.27	ng		100
32) Benzoic acid	8.03	122	320468	36.52	ng		97
33) 4-Chloroaniline	8.33	127	598766	38.03	ng	#	93
34) Hexachlorobutadiene	8.41	225	253218	40.65	ng		99
35) Caprolactam	8.72	113	131058	37.24	ng	#	33
36) 4-Chloro-3-methylphenol	8.82	107	482295	42.44	ng		89
37) 2-Methylnaphthalene	8.98	142	873652	37.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	437068	41.80	ng		99
40) Hexachlorocyclopentadiene	9.14	237	222373	42.46	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092481.D
Acq On : 25 Jan 2017 17:22
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 25 18:25:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	309000	38.57	ng		91
43) 2,4,5-Trichlorophenol	9.30	196	301135	41.08	ng	#	85
45) 1,1'-Biphenyl	9.45	154	1054366	35.18	ng		97
46) 2-Chloronaphthalene	9.47	162	852368	34.82	ng		96
47) 2-Nitroaniline	9.56	65	293534	35.61	ng		92
48) Acenaphthylene	9.89	152	1467150	40.87	ng		98
49) Dimethylphthalate	9.76	163	1065939	40.43	ng		99
50) 2,6-Dinitrotoluene	9.81	165	246367	45.72	ng	#	84
51) Acenaphthene	10.06	154	914182	40.98	ng		97
52) 3-Nitroaniline	9.97	138	263343	39.02	ng		96
53) 2,4-Dinitrophenol	10.08	184	105522	42.47	ng	#	44
54) Dibenzofuran	10.24	168	1202821	39.71	ng		94
55) 4-Nitrophenol	10.13	139	214815	40.08	ng	#	62
56) 2,4-Dinitrotoluene	10.21	165	326713	45.68	ng	#	85
57) Fluorene	10.58	166	921194	41.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	235275	42.84	ng		95
59) Diethylphthalate	10.45	149	1006644	39.82	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	389749	35.78	ng		93
61) 4-Nitroaniline	10.59	138	278647	41.28	ng		95
62) Azobenzene	10.73	77	1024535	35.62	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	175562	49.48	ng		91
65) n-Nitrosodiphenylamine	10.69	169	859245	41.93	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	244512	36.90	ng		97
67) Hexachlorobenzene	11.13	284	277942	41.50	ng		98
68) Atrazine	11.22	200	285787	40.74	ng		97
69) Pentachlorophenol	11.31	266	173508	40.52	ng		97
70) Phenanthrene	11.54	178	1246333	34.49	ng		99
71) Anthracene	11.60	178	1468111	41.57	ng		98
72) Carbazole	11.74	167	1194741	35.43	ng		99
73) Di-n-butylphthalate	12.08	149	1449735	37.60	ng		98
74) Fluoranthene	12.73	202	1303061	36.86	ng		99
76) Benzidine	12.85	184	791885	39.04	ng		99
77) Pyrene	12.96	202	1338688	33.81	ng		99
79) Butylbenzylphthalate	13.57	149	629213	39.23	ng		96
80) Benzo(a)anthracene	14.15	228	1104459	37.61	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	432769	38.81	ng	#	96
82) Chrysene	14.18	228	1047687	33.41	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	794317	39.32	ng		100
84) Di-n-octyl phthalate	14.75	149	1473411	40.18	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	855935	36.89	ng	#	94
87) Benzo(b)fluoranthene	15.20	252	992417m	35.51	ng		
88) Benzo(k)fluoranthene	15.23	252	1013617m	43.62	ng		
89) Benzo(a)pyrene	15.57	252	948559	40.12	ng		96
90) Dibenzo(a,h)anthracene	17.14	278	757640	39.63	ng		97
91) Benzo(g,h,i)perylene	17.56	276	740453	38.30	ng	#	90

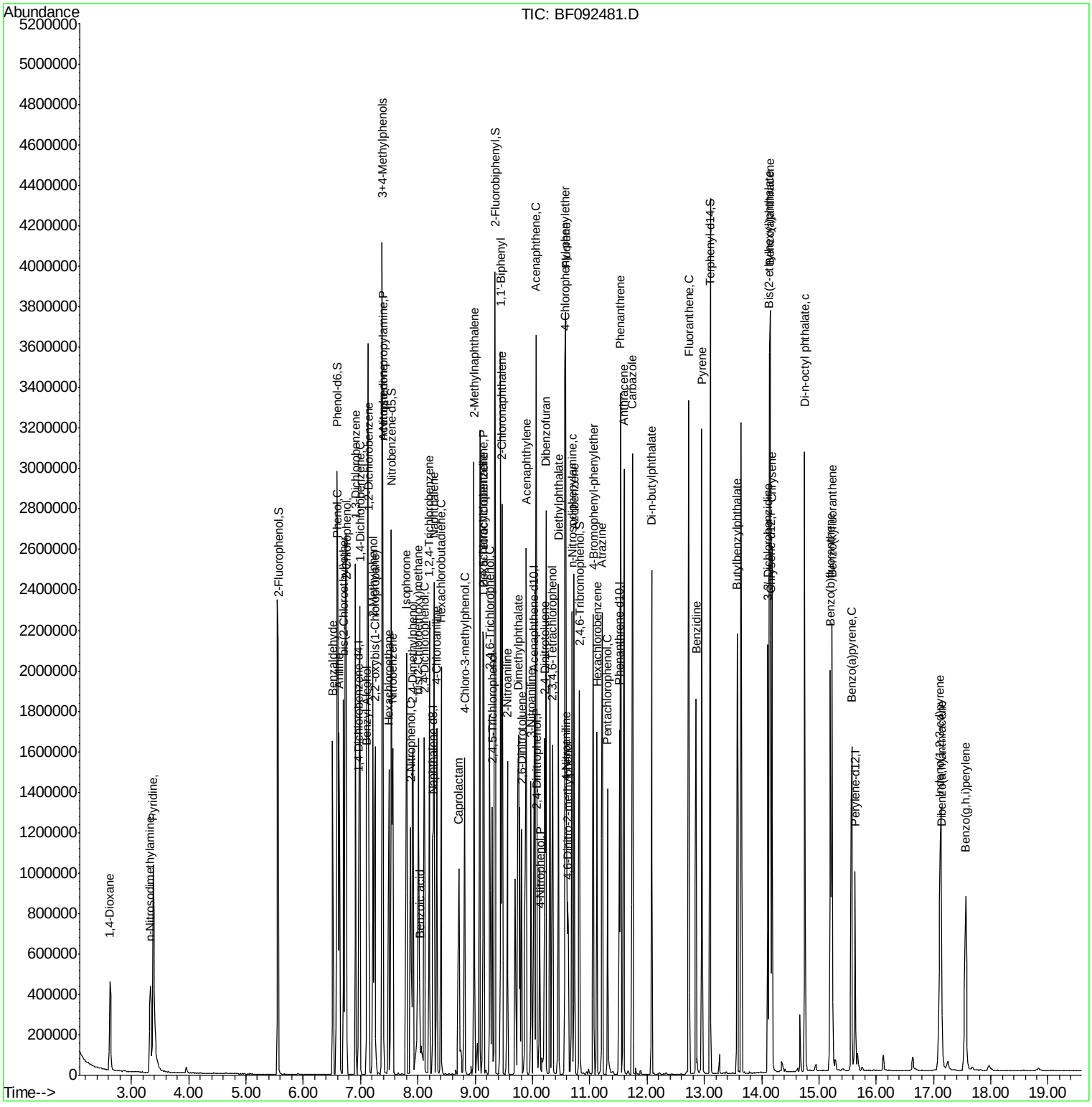
(#) = qualifier out of range (m) = manual integration (+) = signals summed

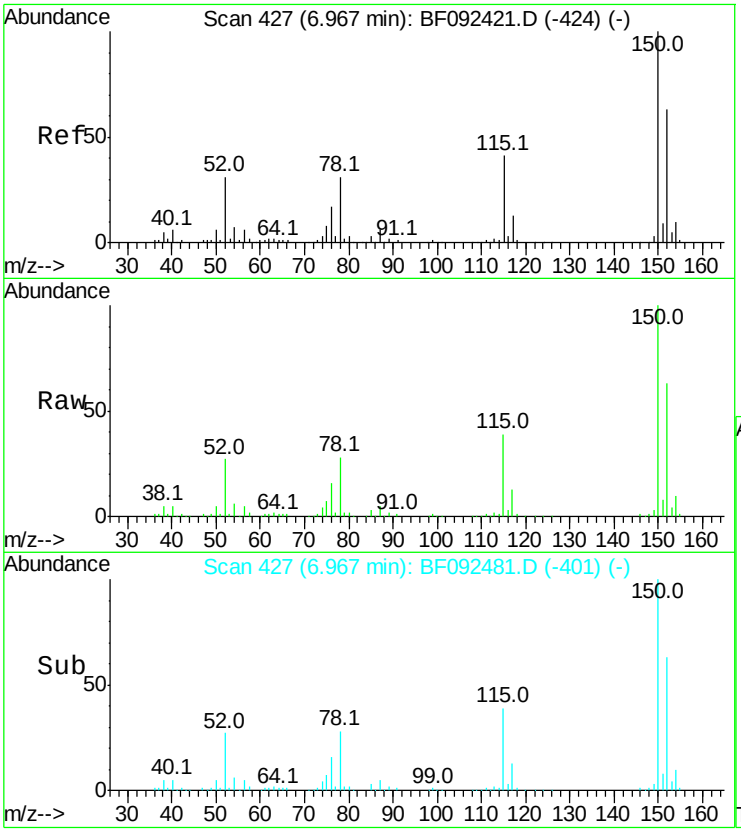
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092481.D
Acq On : 25 Jan 2017 17:22
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 25 18:25:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



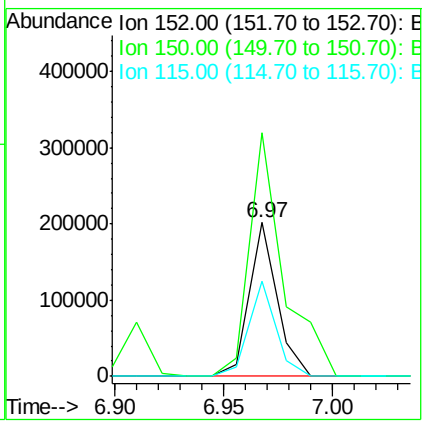


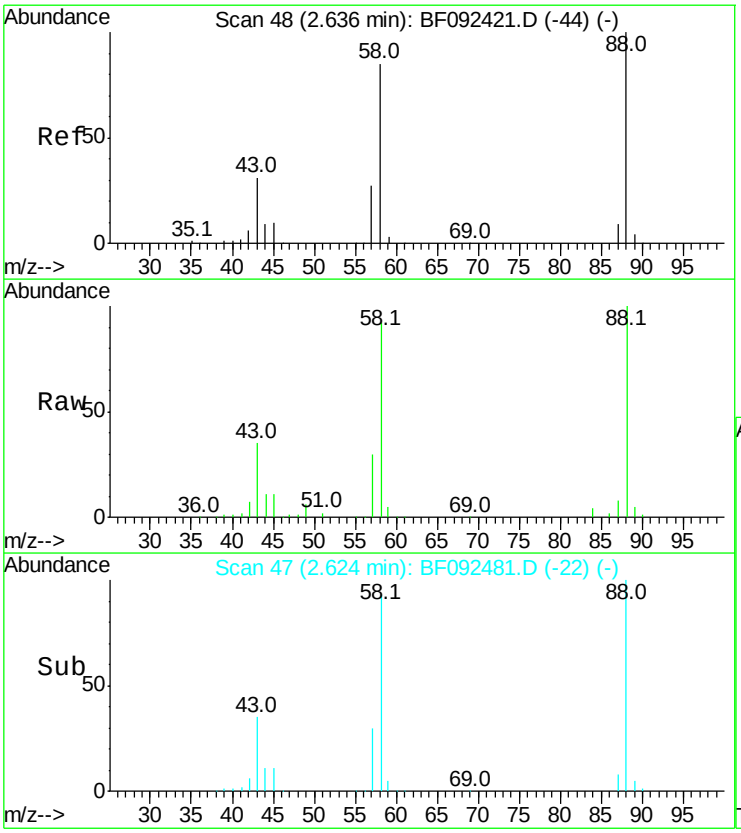
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 179625

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	62.3	46.0	69.0

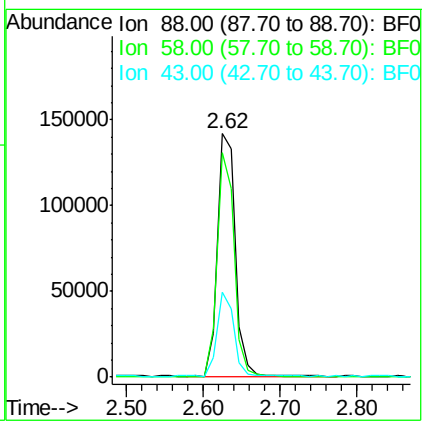


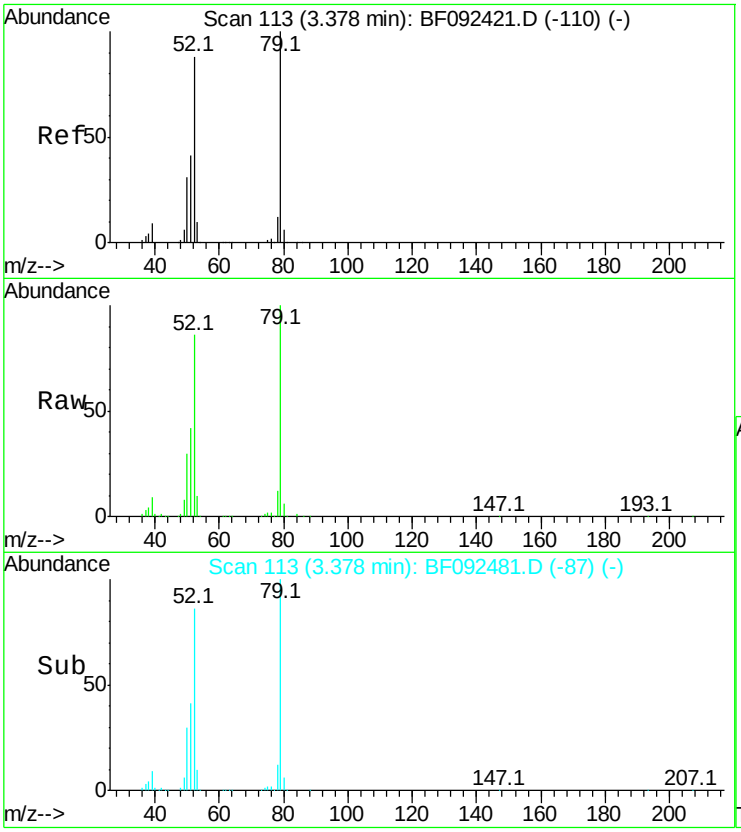


#2
1,4-Dioxane
Concen: 37.77 ng
RT: 2.62 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 88 Resp: 231887

Ion	Ratio	Lower	Upper
88	100		
58	89.1	57.8	86.8#
43	33.0	22.3	33.5



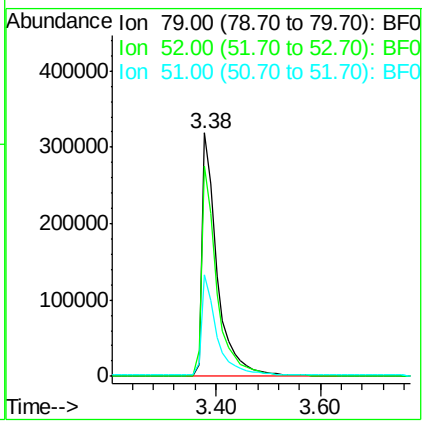


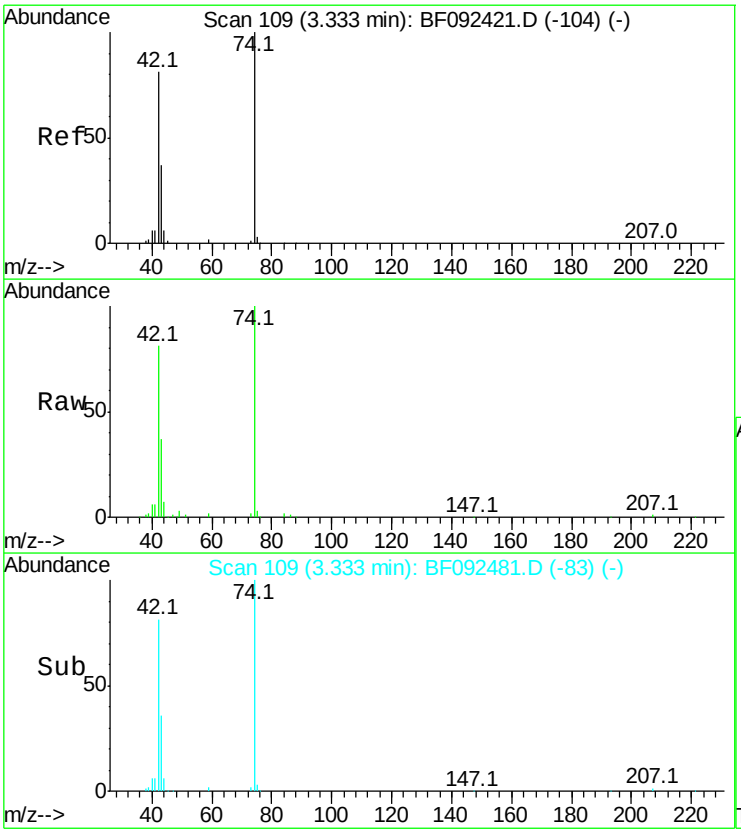
#3
Pyridine
Concen: 37.26 ng
RT: 3.38 min Scan# 113
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 651246

Ion	Ratio	Lower	Upper
79	100		
52	86.3	57.1	85.7#
51	41.9	27.3	40.9#

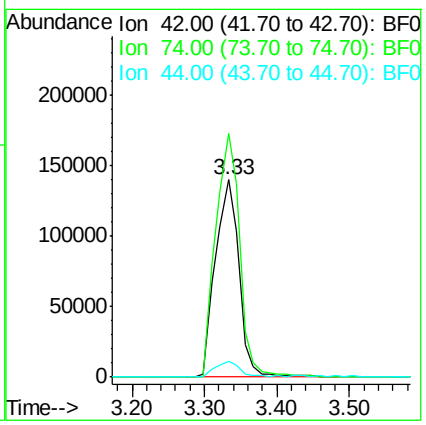


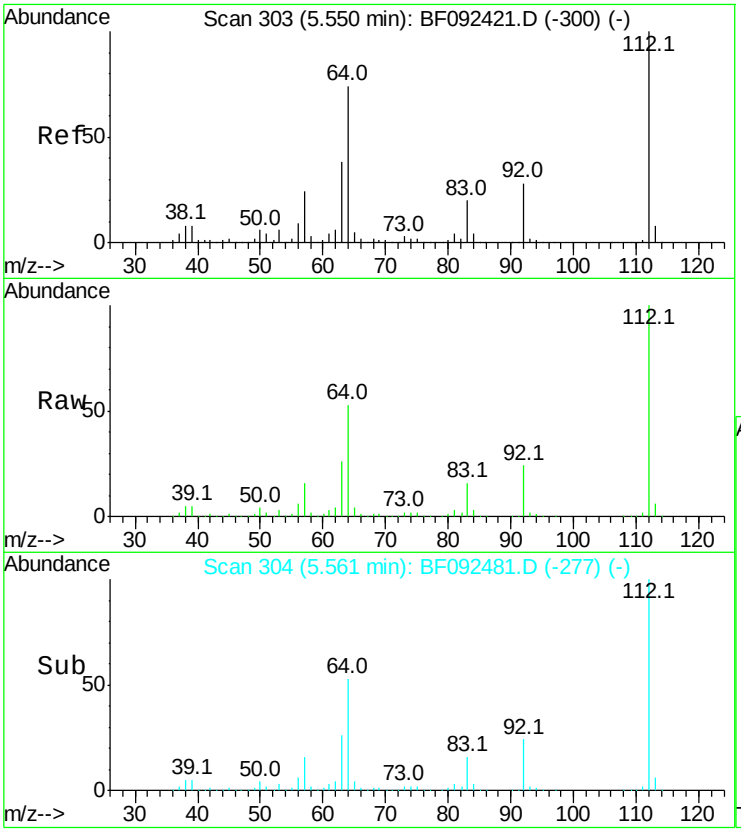


#4
n-Nitrosodimethylamine
Concen: 36.84 ng
RT: 3.33 min Scan# 109
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 42 Resp: 315923

Ion	Ratio	Lower	Upper
42	100		
74	123.6	117.0	175.4
44	8.1	5.5	8.3



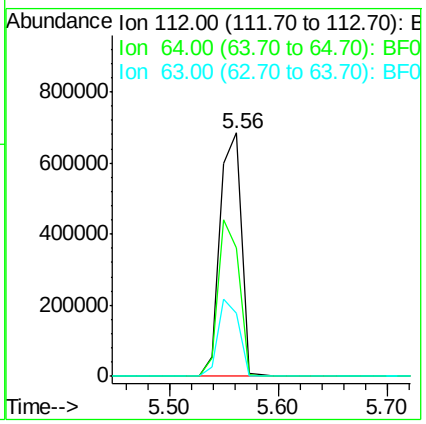


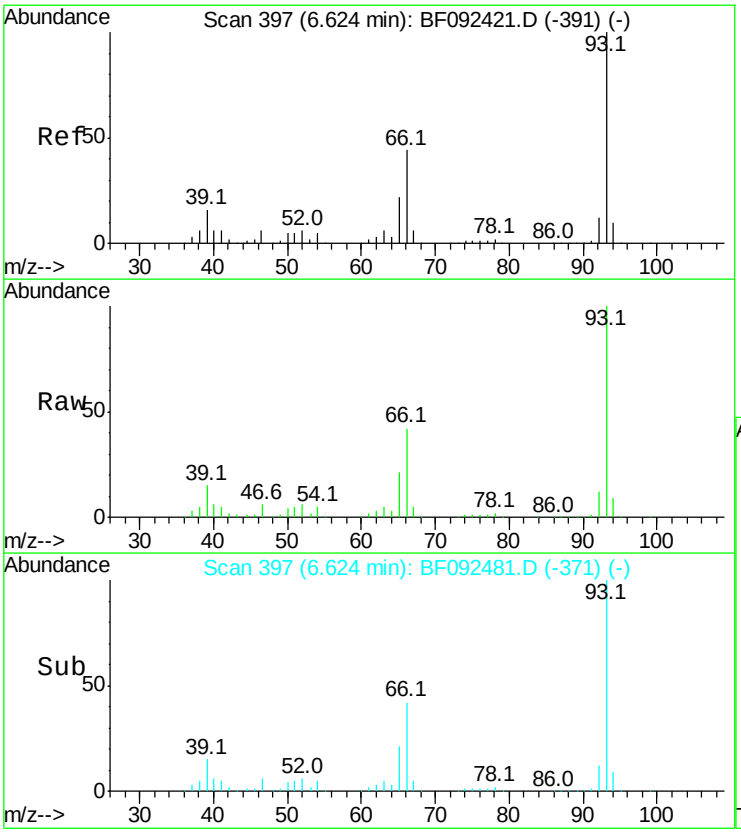
#5
2-Fluorophenol
Concen: 80.34 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 927542

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.1	69.1
63	26.0	23.8	35.6

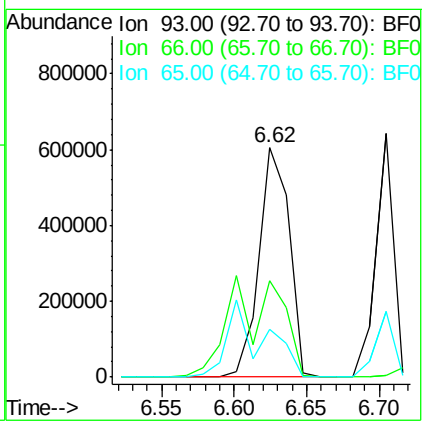


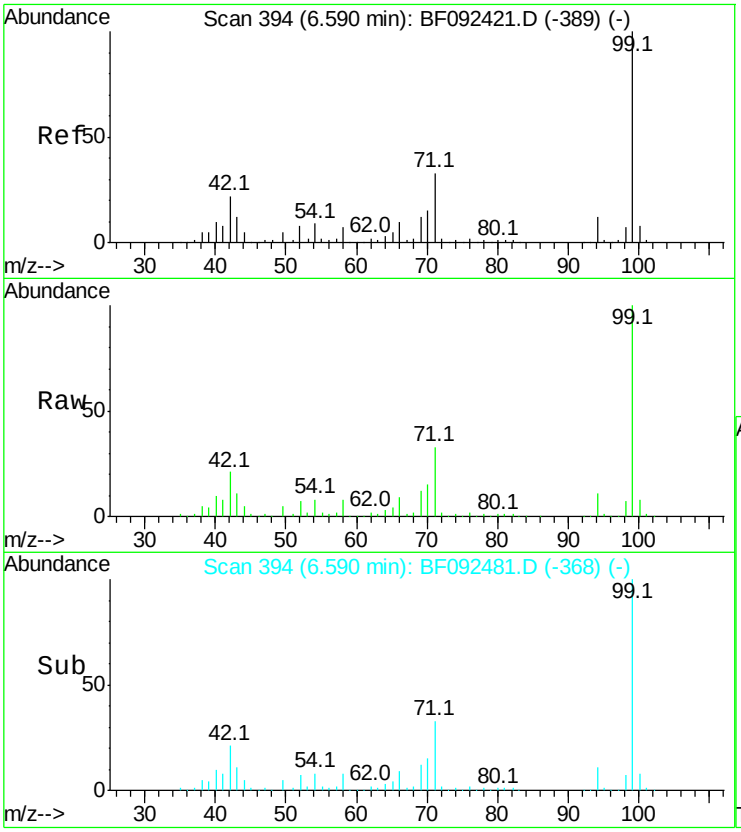


#6
Aniline
Concen: 39.69 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 93 Resp: 870632

Ion	Ratio	Lower	Upper
93	100		
66	42.2	76.2	114.2#
65	21.1	49.3	73.9#



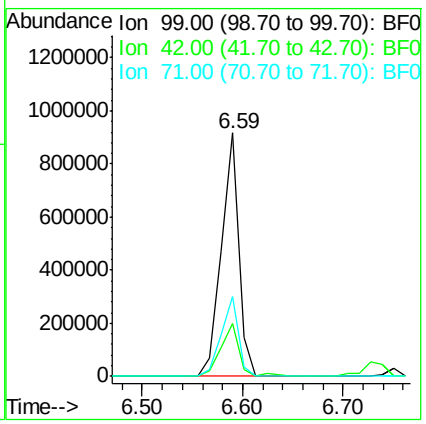


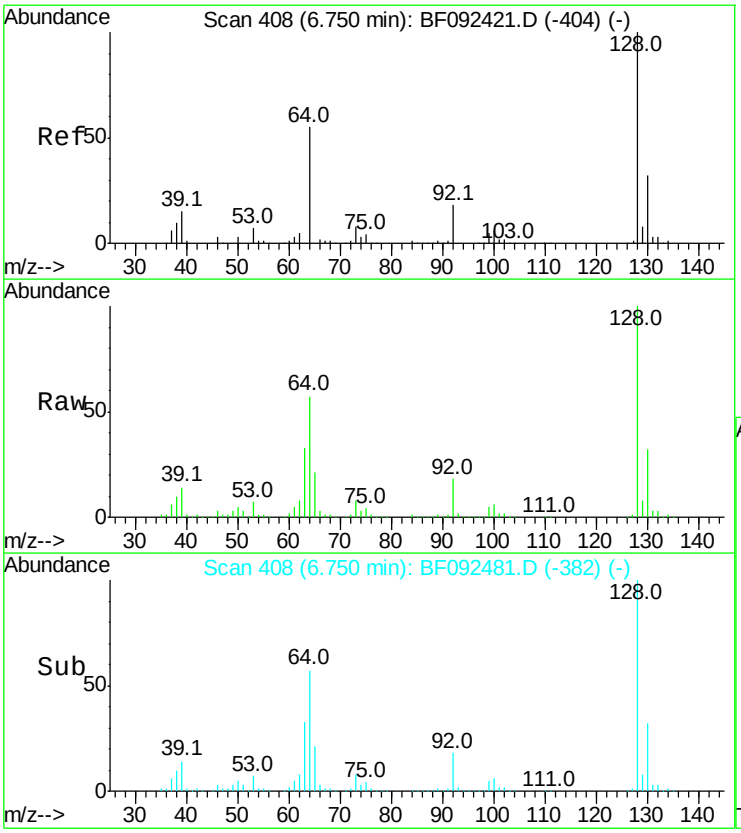
#7
Phenol-d6
Concen: 75.13 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 1104848

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	33.0	27.5	41.3

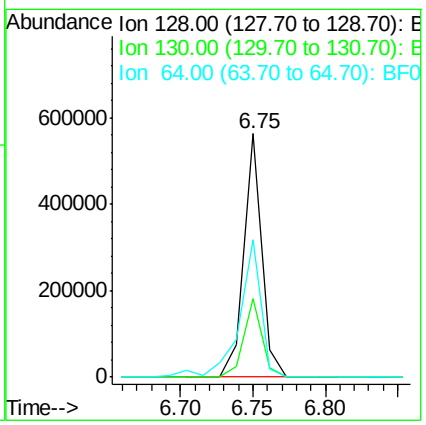


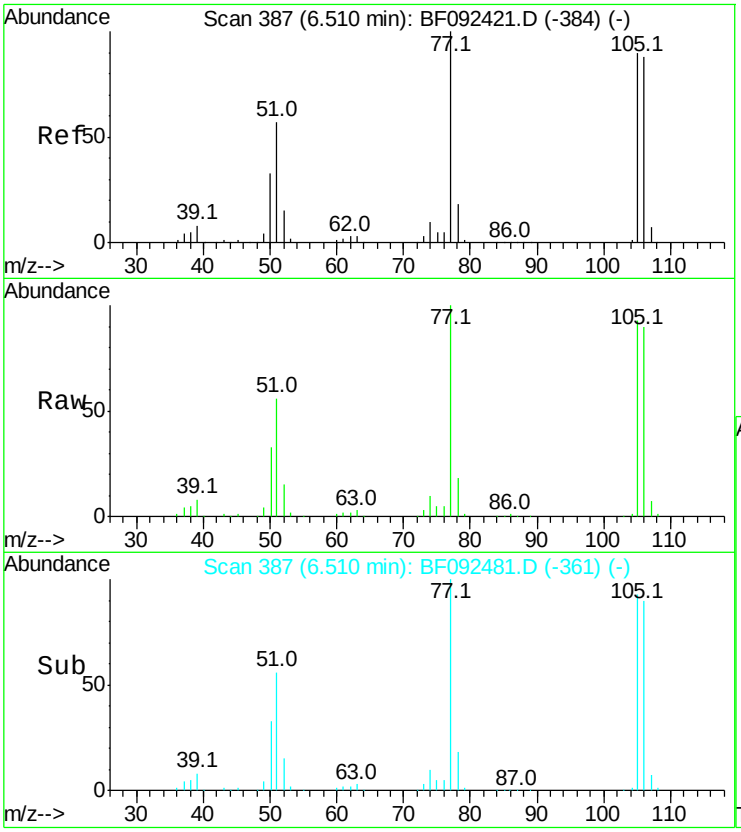


#8
2-Chlorophenol
Concen: 39.86 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:128 Resp: 483423

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	56.6	32.2	72.2



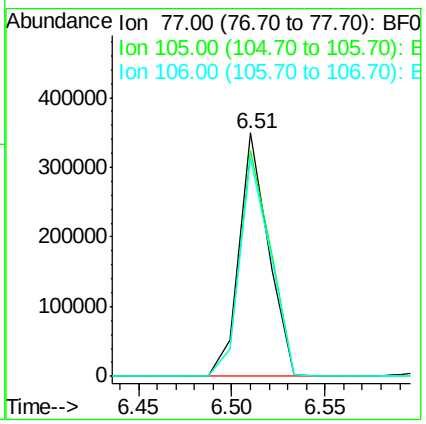


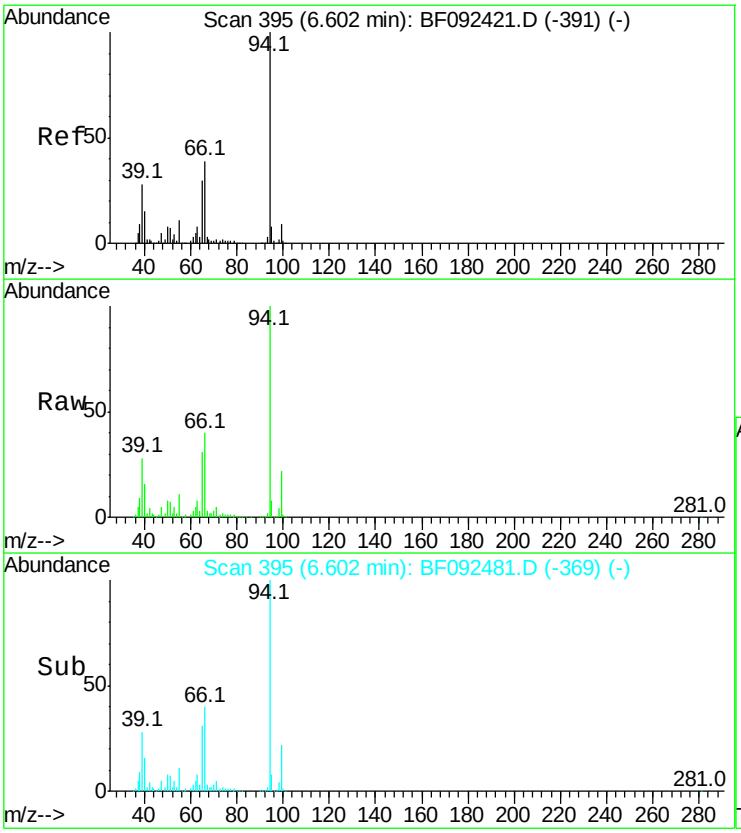
#9
Benzaldehyde
Concen: 36.53 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 381282

Ion	Ratio	Lower	Upper
77	100		
105	92.6	83.9	123.9
106	89.7	77.6	117.6

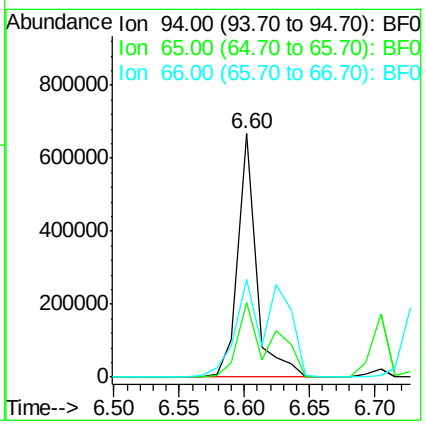


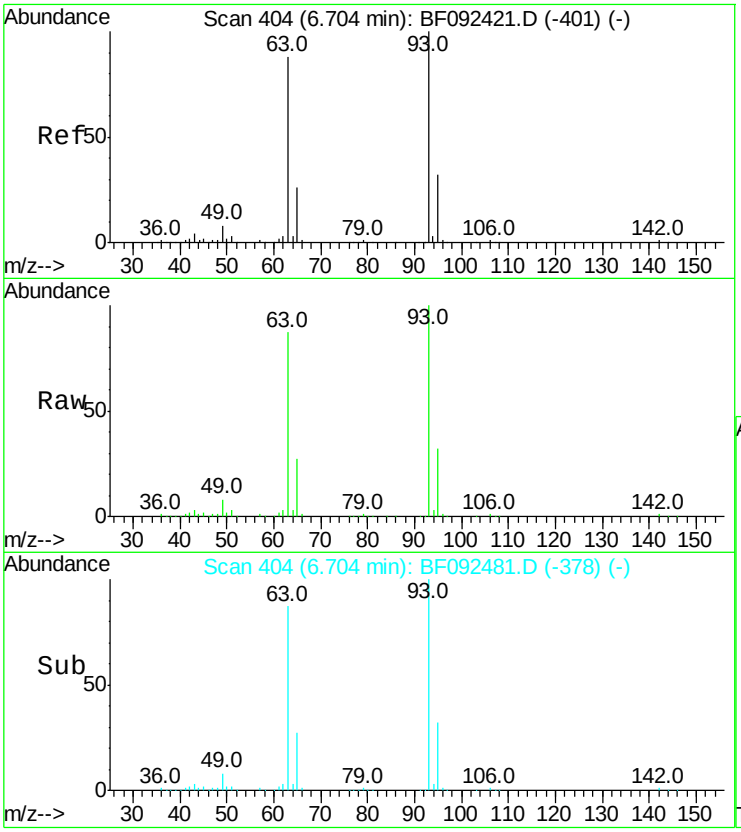


#10
Phenol
Concen: 36.69 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 94 Resp: 651225

Ion	Ratio	Lower	Upper
94	100		
65	30.6	21.4	61.4
66	40.3	44.0	84.0#



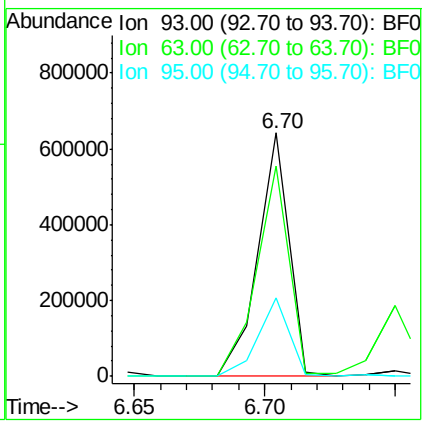


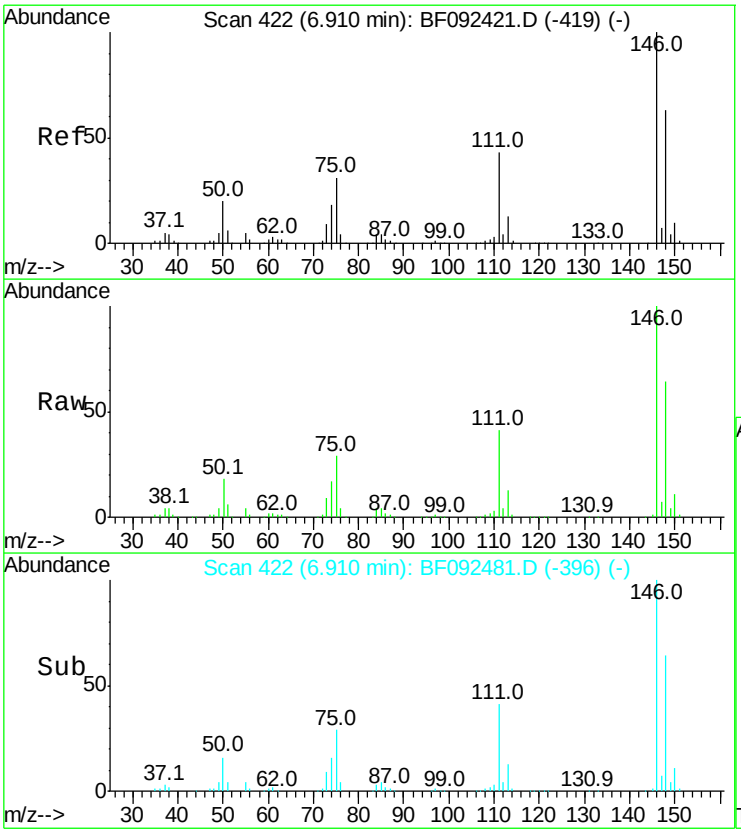
#11
bis(2-Chloroethyl)ether
Concen: 40.60 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 539235

Ion	Ratio	Lower	Upper
93	100		
63	86.5	60.4	100.4
95	32.5	12.8	52.8

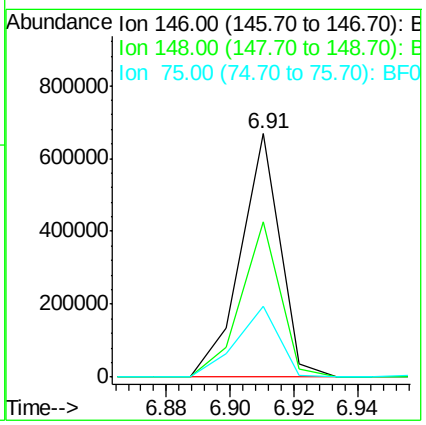


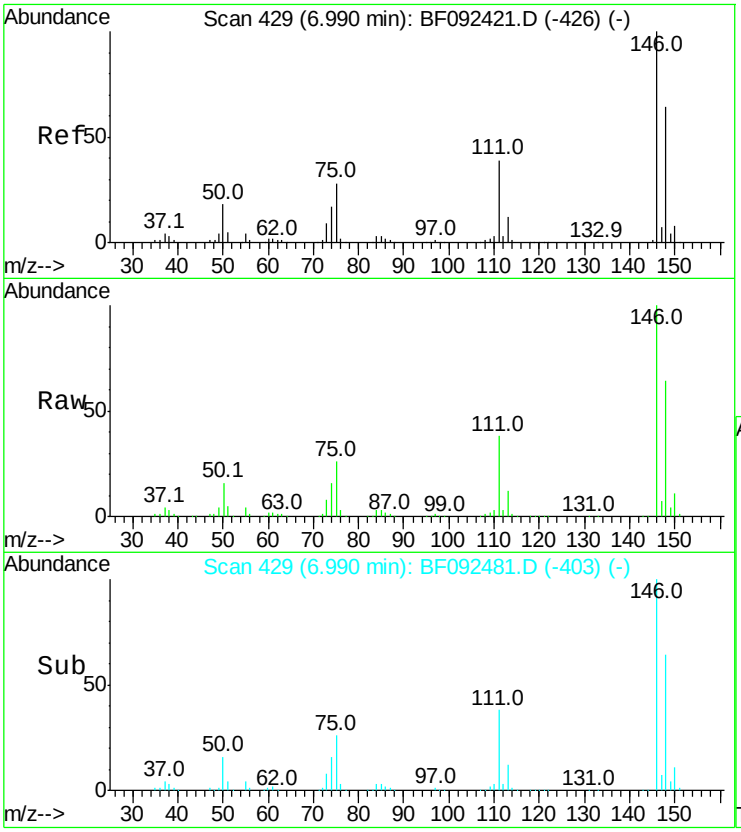


#12
1,3-Dichlorobenzene
Concen: 40.20 ng m
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:146 Resp: 576559

Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.4	80.0
75	29.0	18.5	27.7#



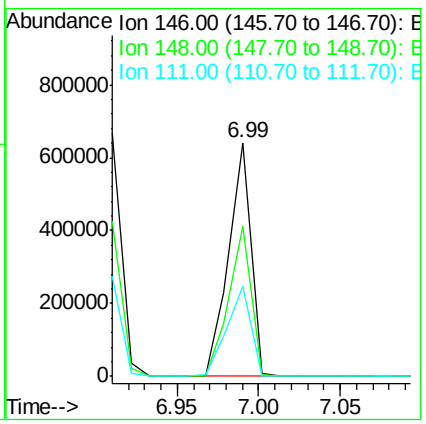


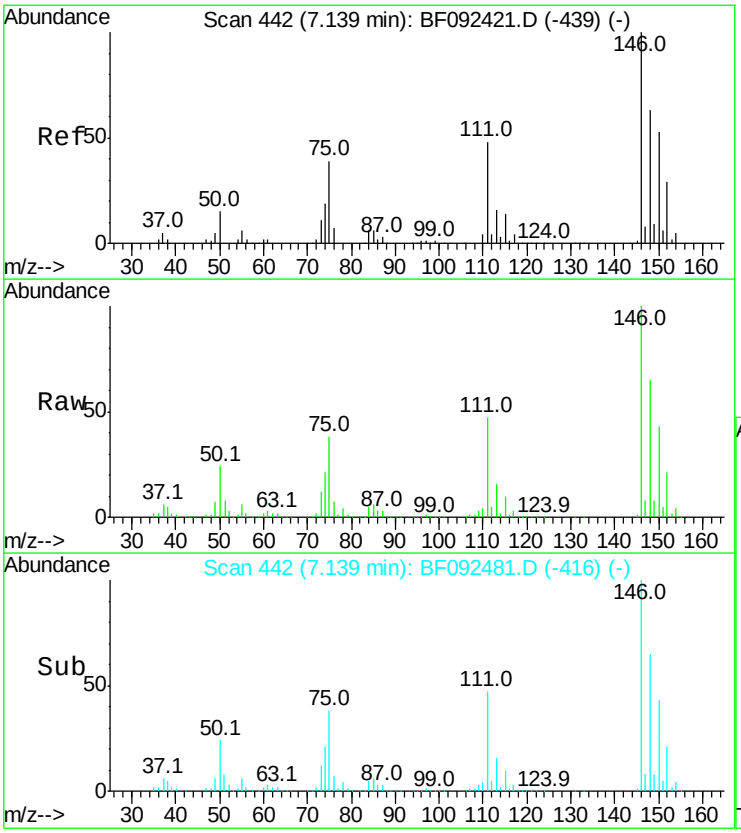
#13
1,4-Dichlorobenzene
Concen: 41.90 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 604746

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	38.4	36.2	54.4

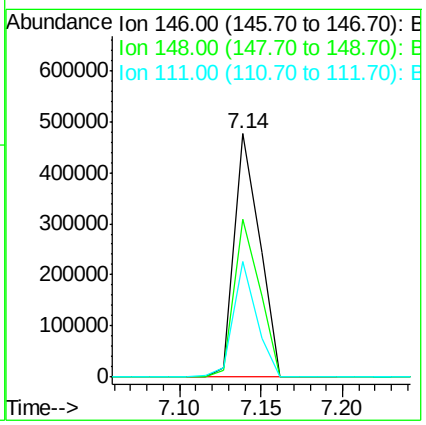


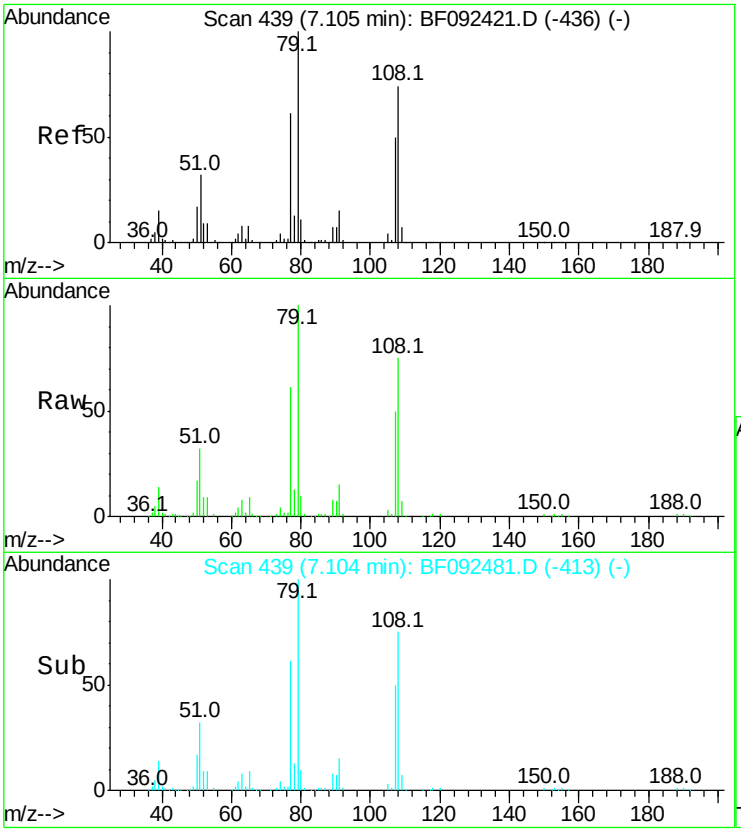


#14
1,2-Dichlorobenzene
Concen: 37.07 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:146 Resp: 507561

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	47.4	36.2	54.2



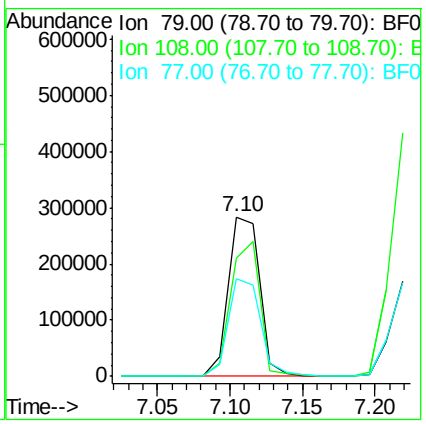


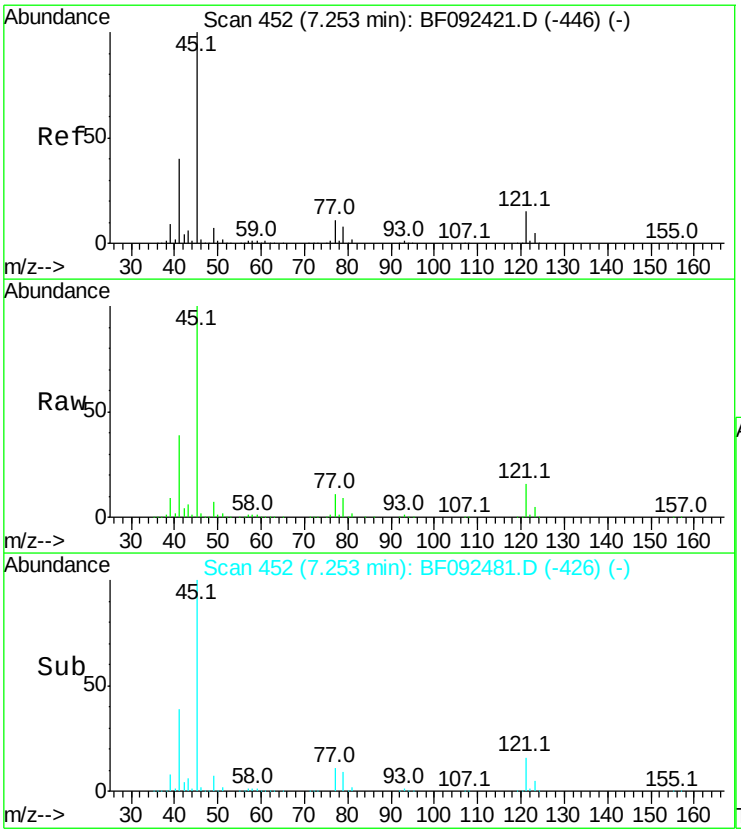
#15
Benzyl Alcohol
Concen: 38.40 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 425607

Ion	Ratio	Lower	Upper
79	100		
108	74.6	61.4	92.0
77	61.3	50.9	76.3

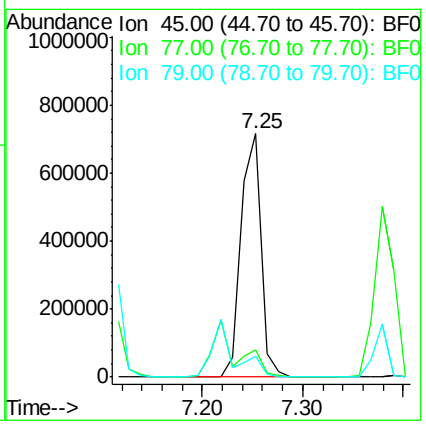


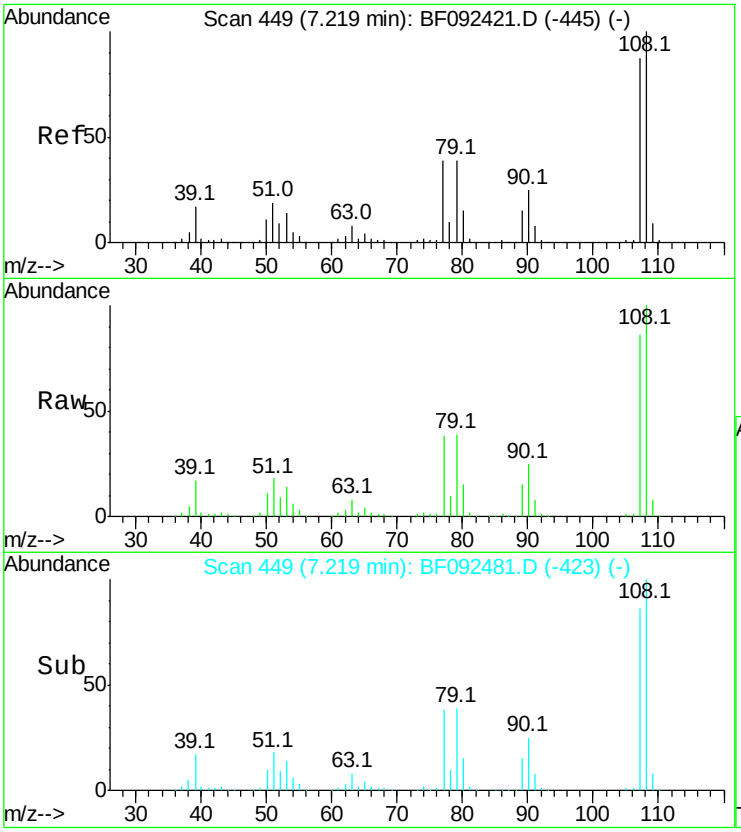


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.57 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 45 Resp: 987125

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	34.6
79	8.8	0.0	31.2



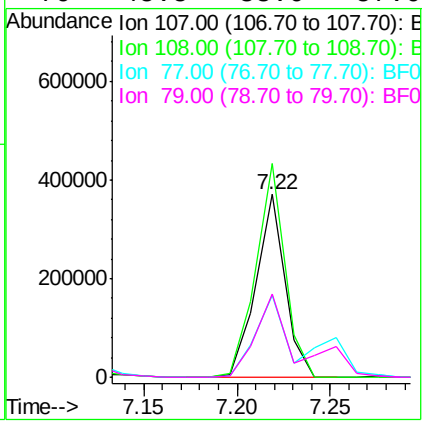


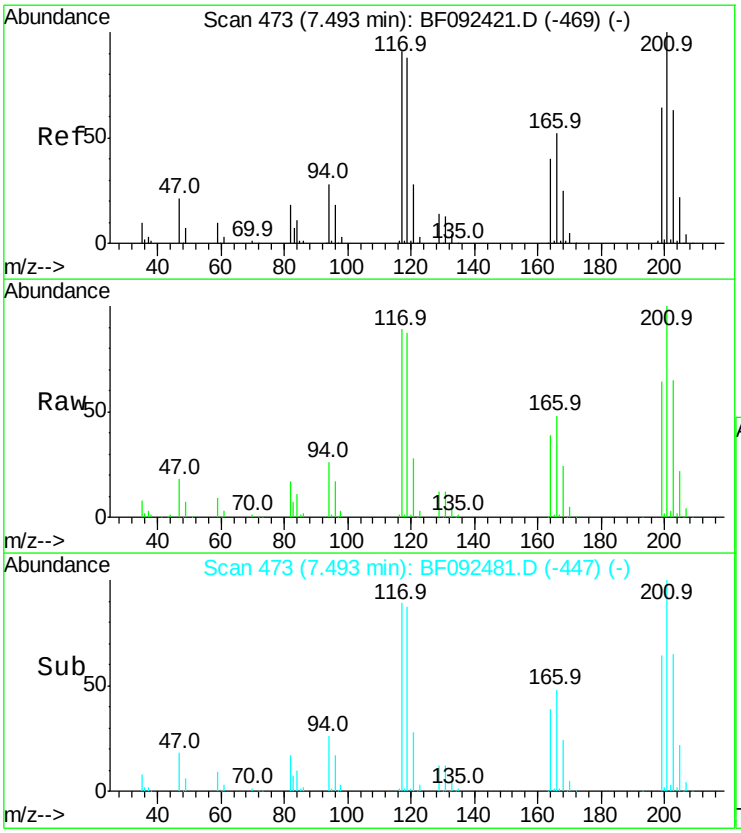
#17
2-Methylphenol
Concen: 38.41 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 398026

Ion	Ratio	Lower	Upper
107	100		
108	116.7	93.0	139.6
77	44.9	39.8	59.8
79	45.5	38.0	57.0

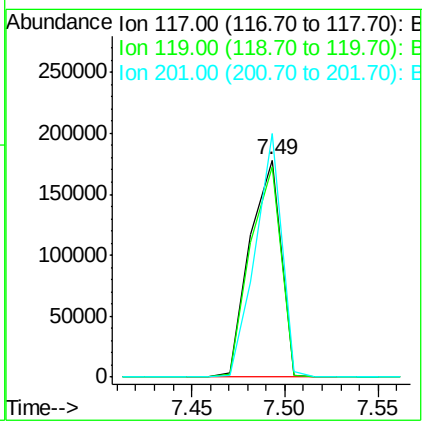


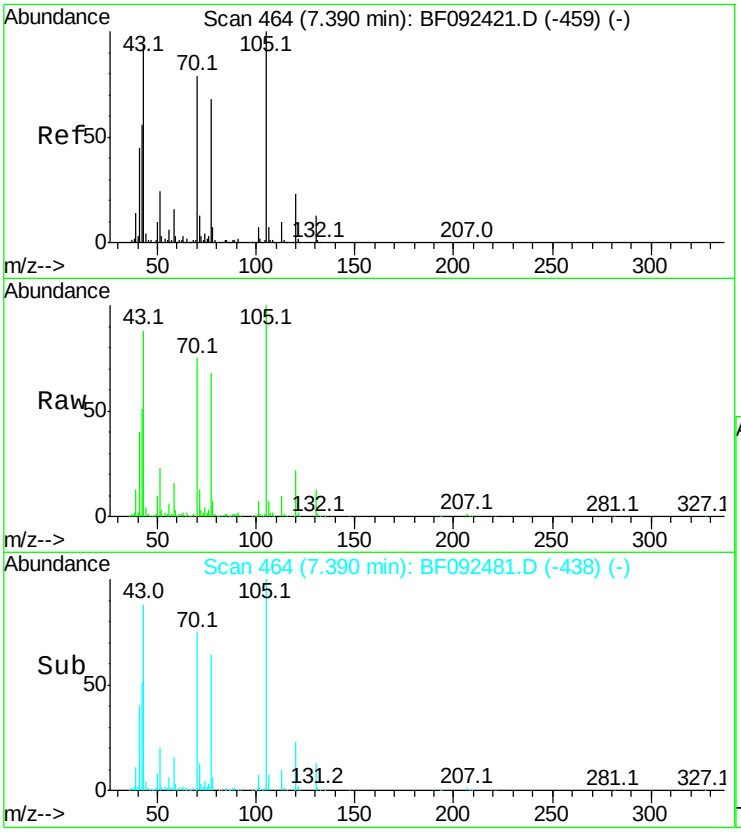


#18
Hexachloroethane
Concen: 41.43 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:117 Resp: 205987

Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.1	117.1
201	112.1	78.6	117.8



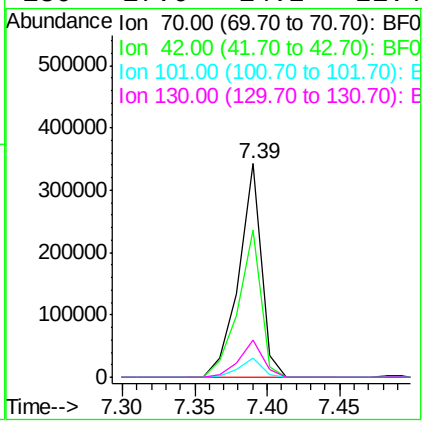


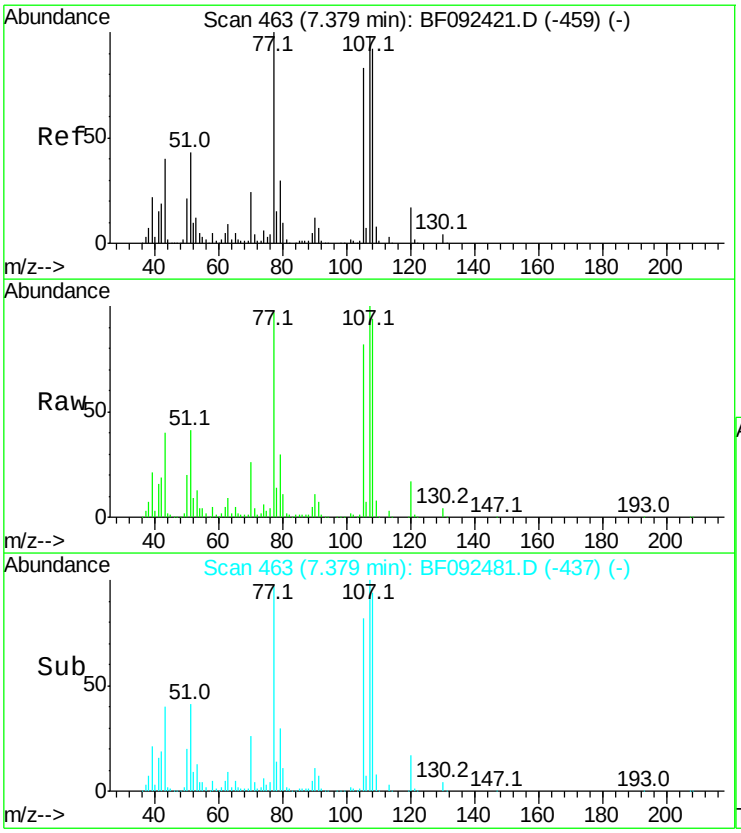
#19
n-Nitroso-di-n-propylamine
Concen: 37.22 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 372785

Ion	Ratio	Lower	Upper
70	100		
42	68.8	49.4	74.0
101	8.8	7.4	11.2
130	17.6	14.2	21.4

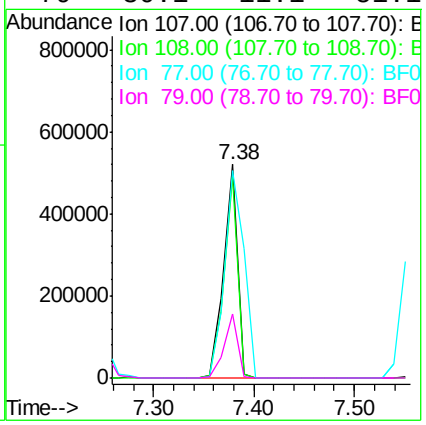


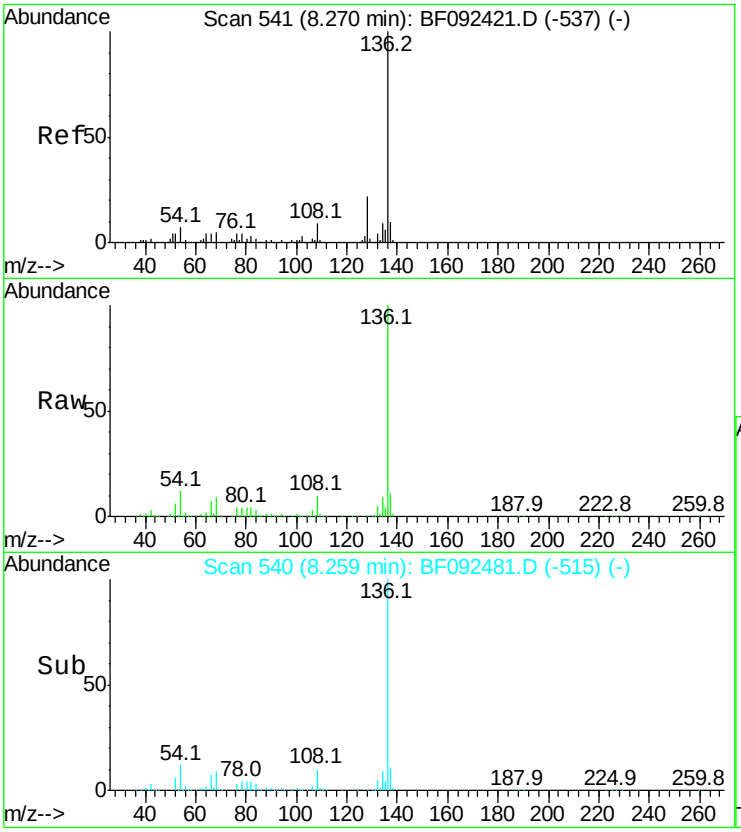


#20
3+4-Methylphenols
Concen: 40.14 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:107 Resp: 504627

Ion	Ratio	Lower	Upper
107	100		
108	93.9	73.0	113.0
77	96.8	71.3	111.3
79	30.1	11.1	51.1



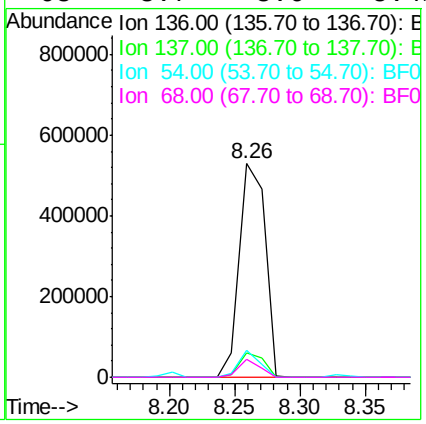


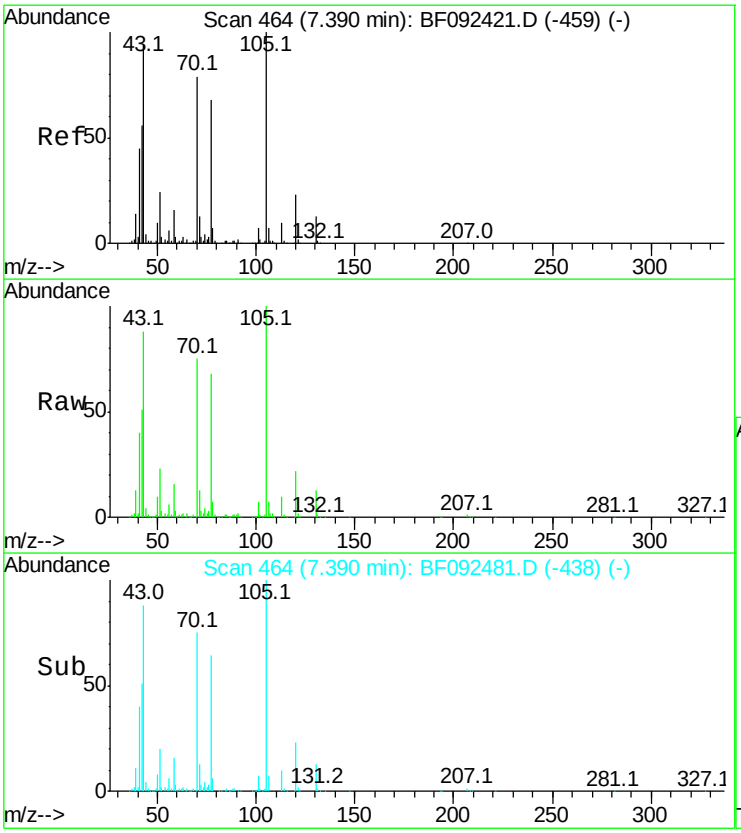
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 727200

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.4	4.5	6.7#
68	8.7	3.6	5.4#

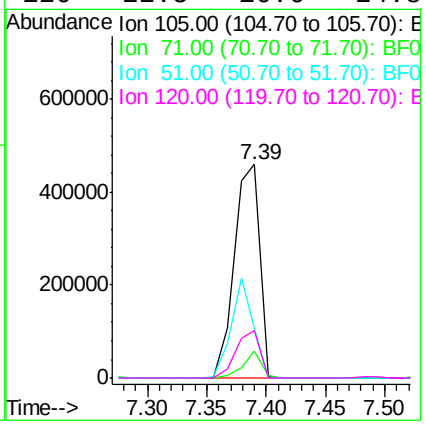


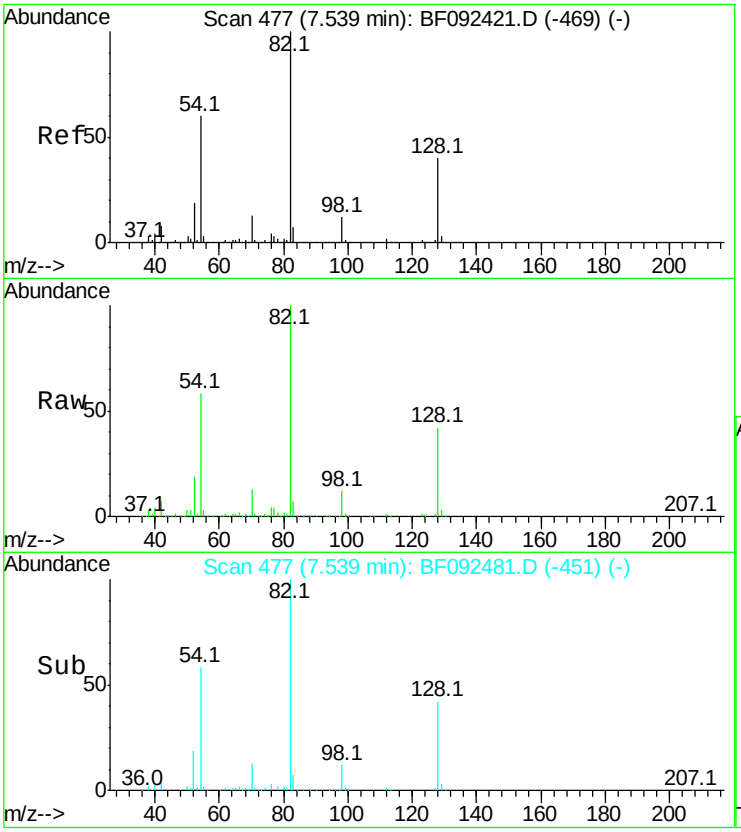


#22
Acetophenone
Concen: 39.44 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:105 Resp: 683175

Ion	Ratio	Lower	Upper
105	100		
71	12.7	3.2	4.8#
51	23.2	26.2	39.4#
120	22.5	16.6	24.8



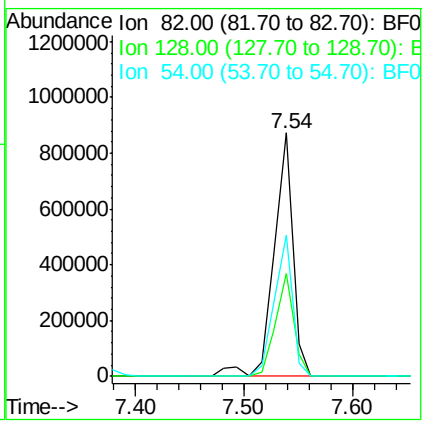


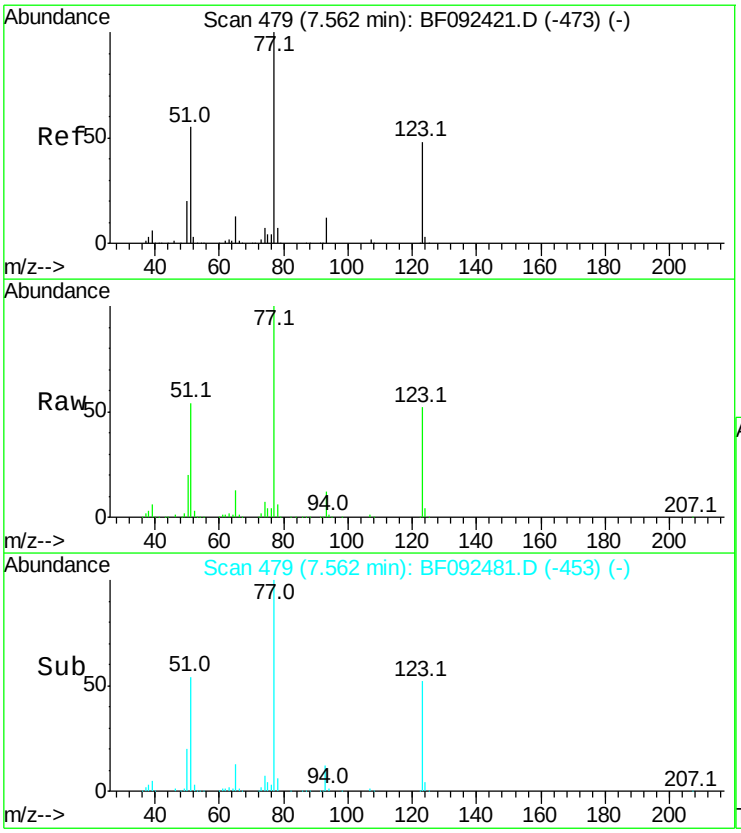
#23
Nitrobenzene-d5
Concen: 79.09 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1052832

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	58.1	39.5	59.3

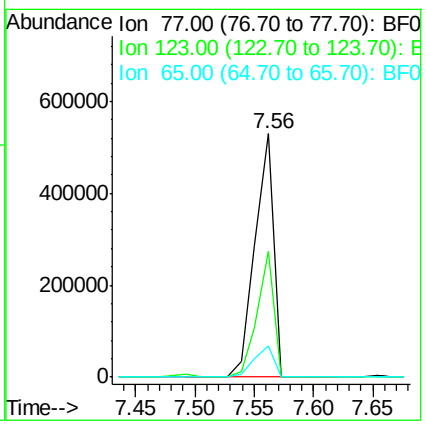


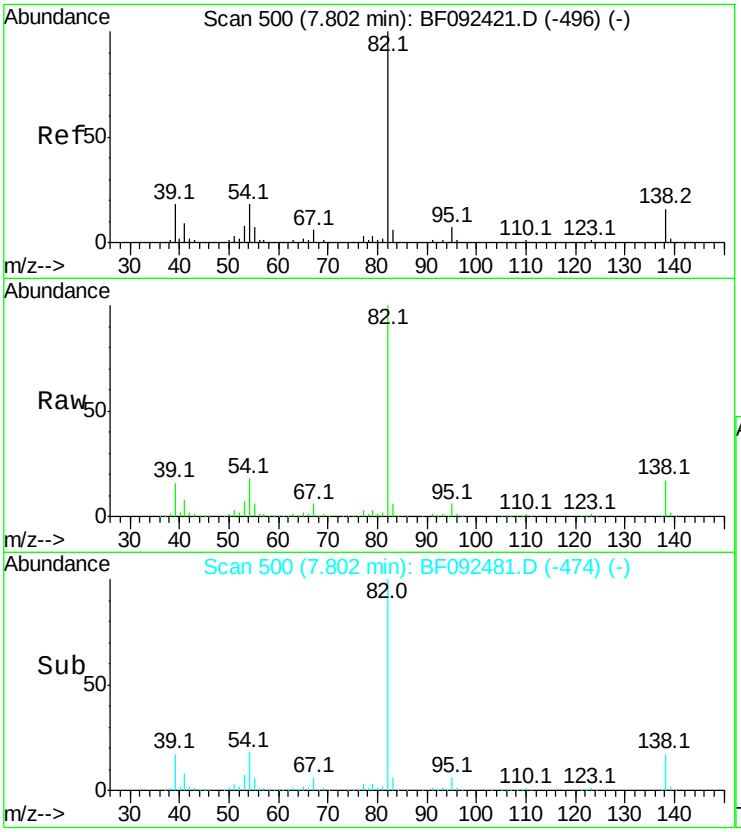


#24
Nitrobenzene
Concen: 41.89 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 77 Resp: 584277

Ion	Ratio	Lower	Upper
77	100		
123	51.7	33.0	49.4#
65	12.8	11.2	16.8



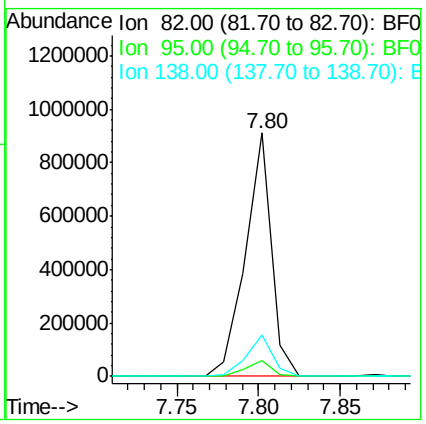


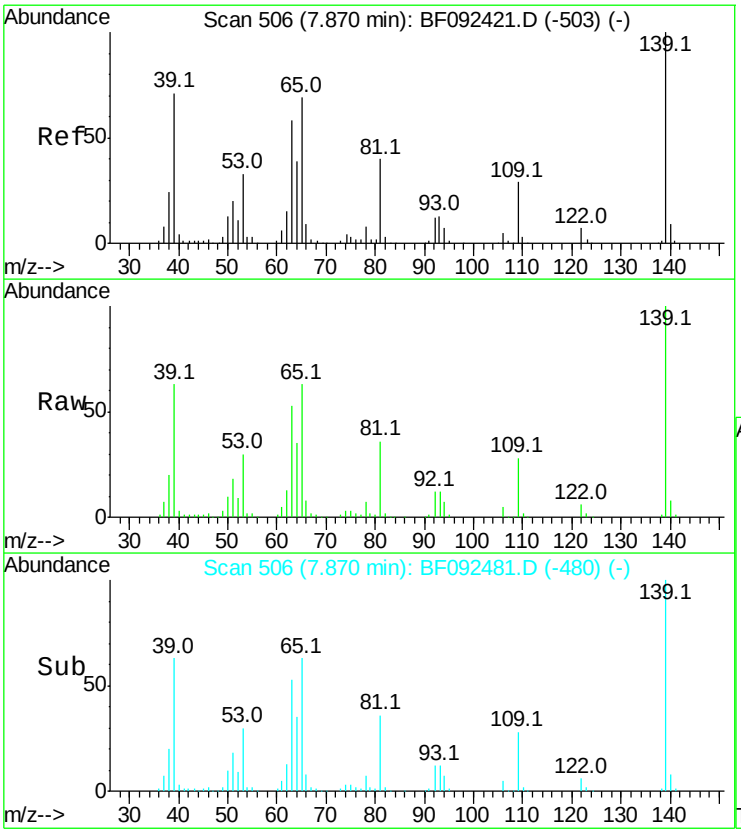
#25
Isophorone
Concen: 38.50 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 1009911

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.6	8.4
138	16.8	14.6	22.0

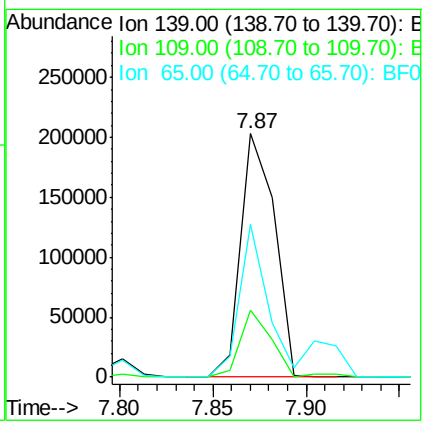


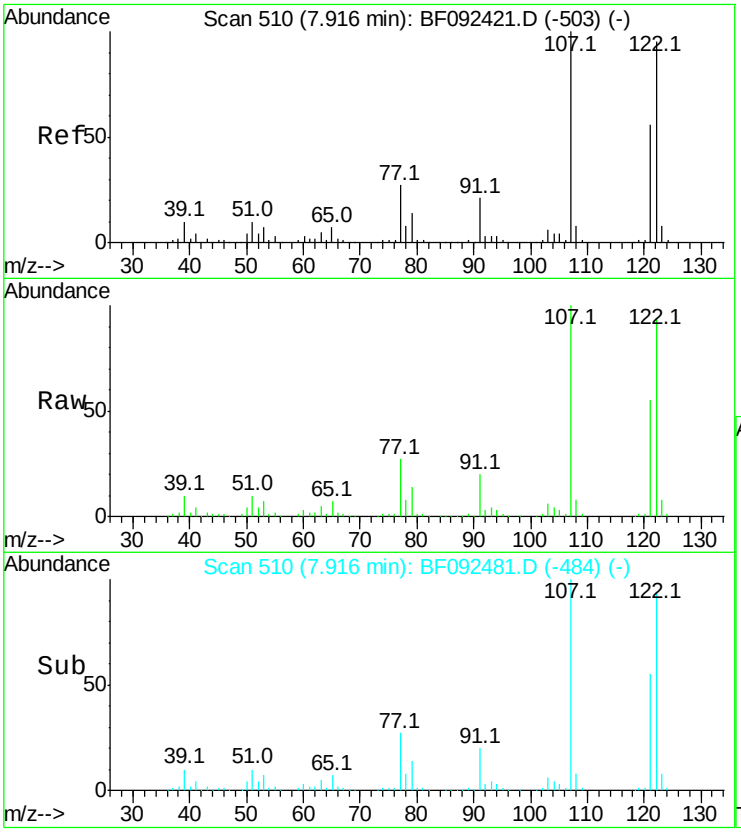


#26
2-Nitrophenol
Concen: 43.76 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:139 Resp: 255758

Ion	Ratio	Lower	Upper
139	100		
109	27.6	23.3	34.9
65	62.6	42.7	64.1



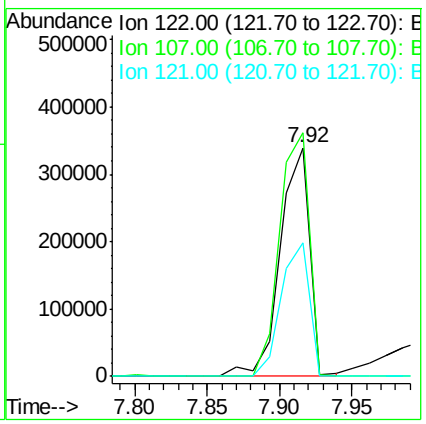


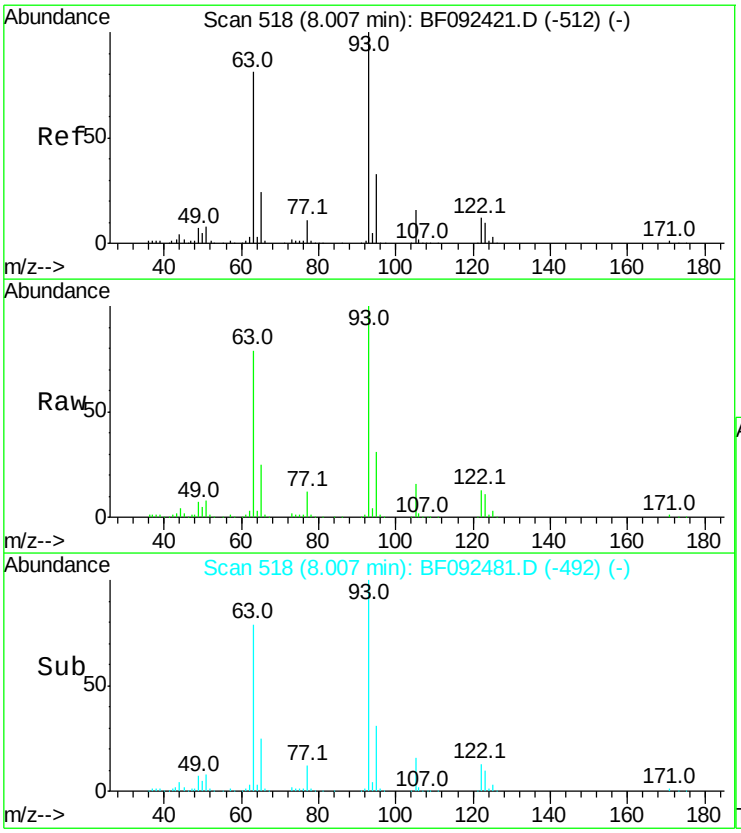
#27
2,4-Dimethylphenol
Concen: 39.19 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 476294

Ion	Ratio	Lower	Upper
122	100		
107	106.6	94.1	141.1
121	58.2	46.0	69.0

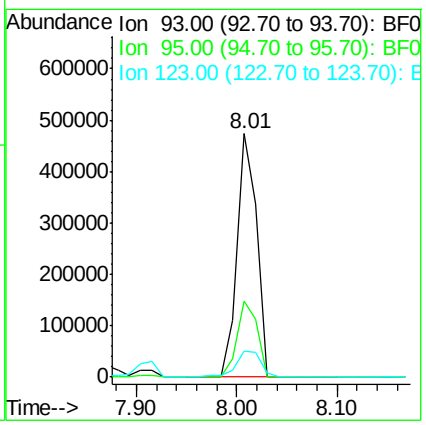


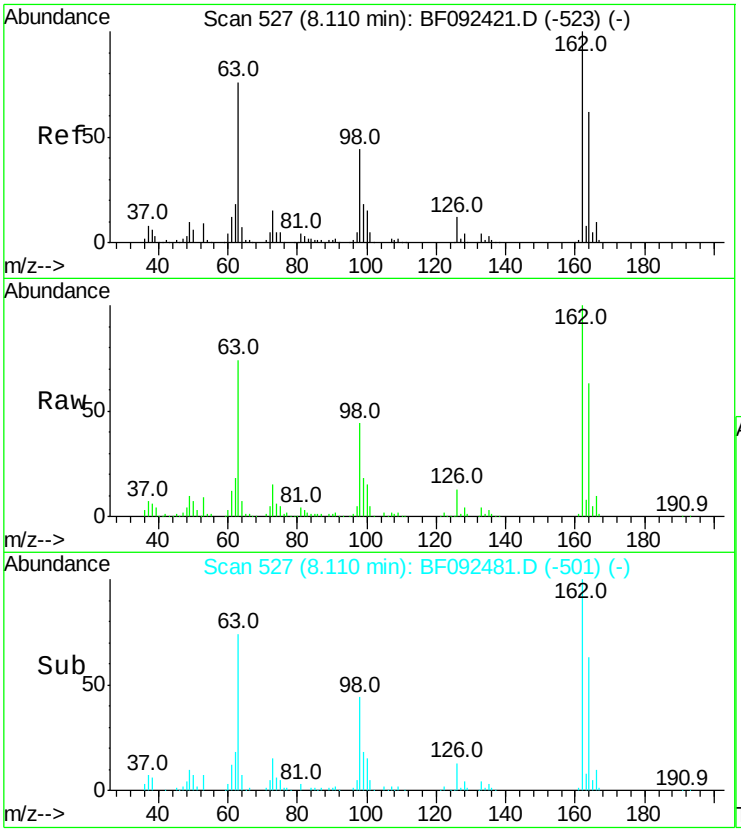


#28
bis(2-Chloroethoxy)methane
Concen: 36.93 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 93 Resp: 635943

Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.5	39.7
123	10.5	8.6	13.0



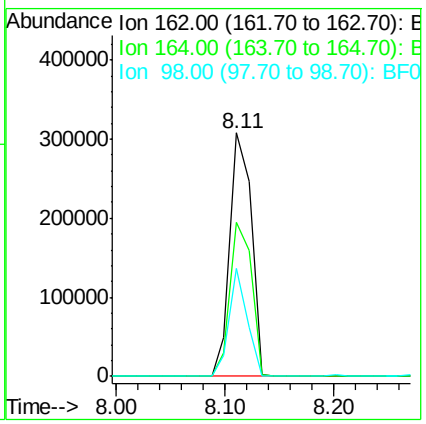


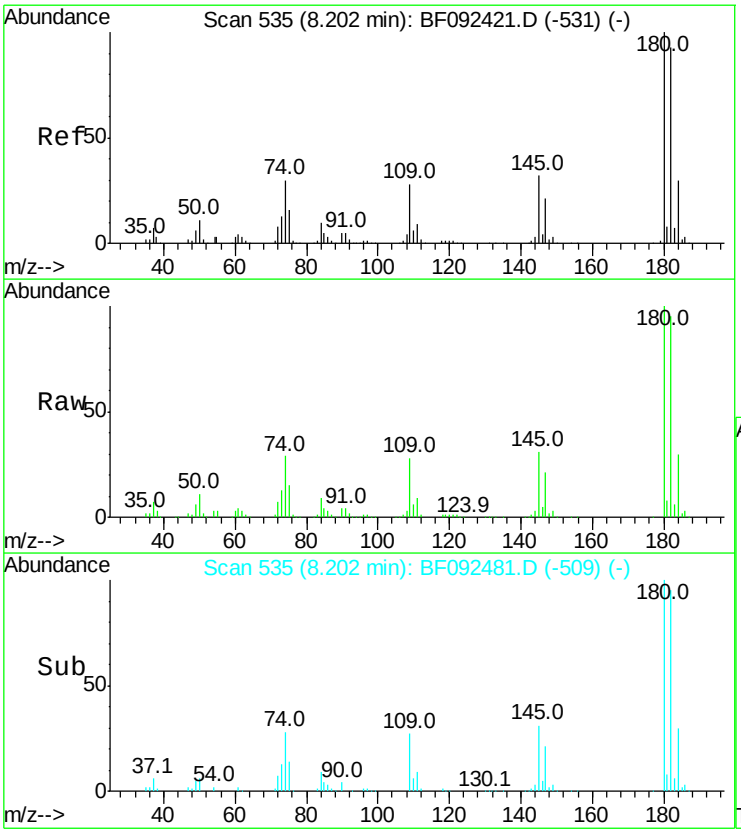
#29
2,4-Dichlorophenol
Concen: 39.68 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 418168

Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.8	86.8
98	44.4	9.1	49.1

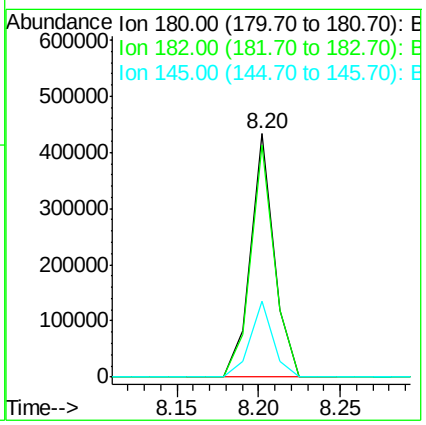




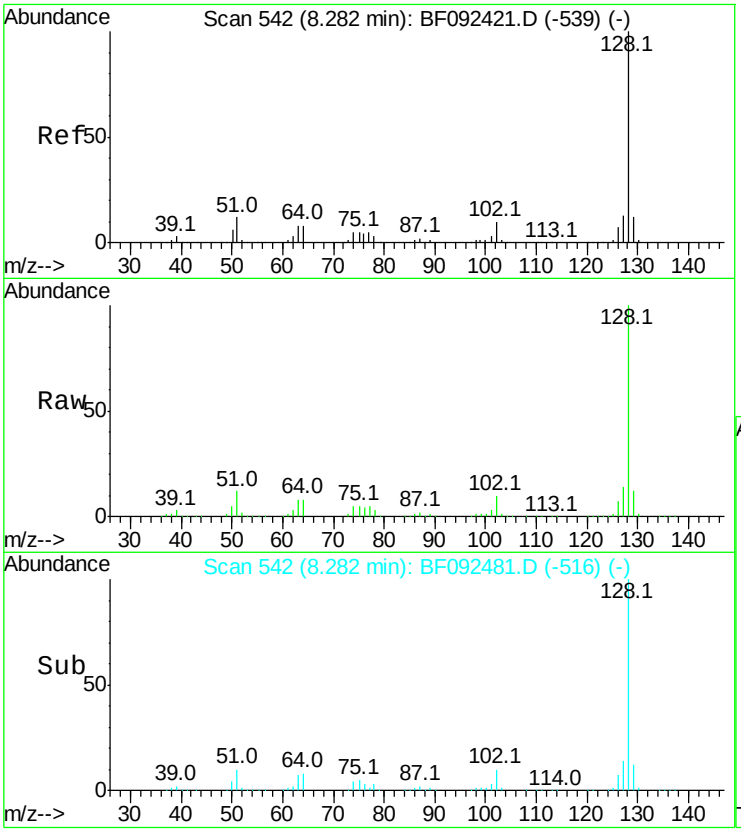
#30
1,2,4-Trichlorobenzene
Concen: 38.36 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:180 Resp: 436891

Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.2	117.4
145	31.3	21.6	32.4



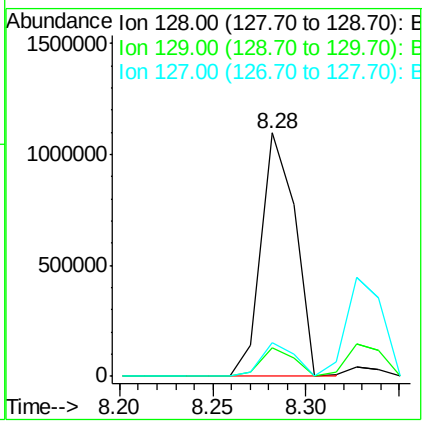
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

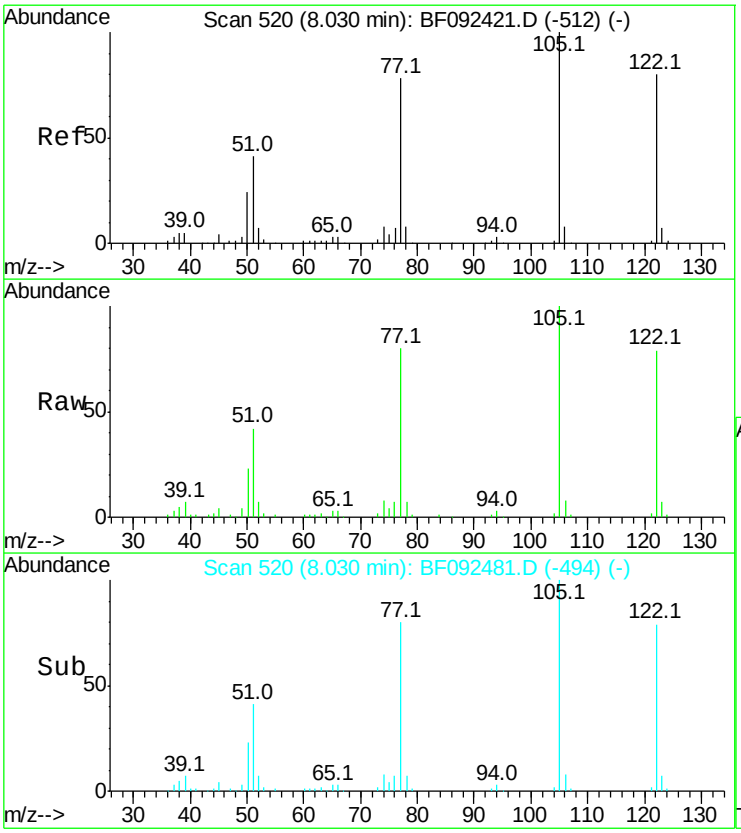


#31
Naphthalene
Concen: 37.27 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:128 Resp: 1386990

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.6	10.8	16.2

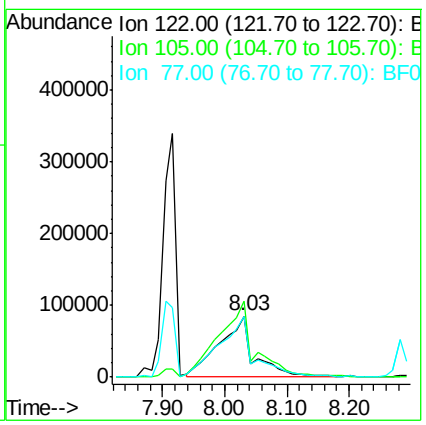


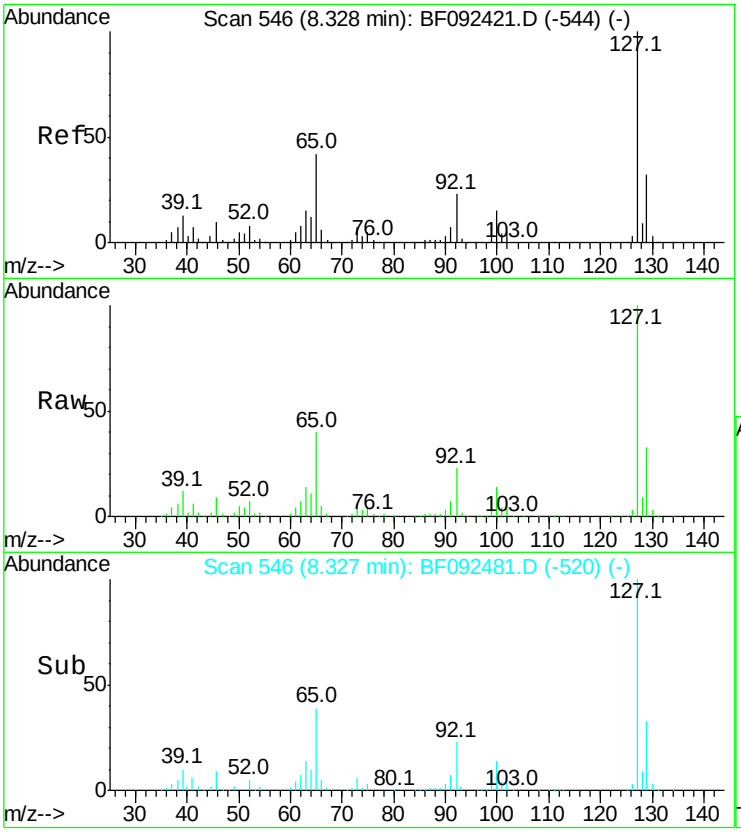


#32
Benzoic acid
Concen: 36.52 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:122 Resp: 320468

Ion	Ratio	Lower	Upper
122	100		
105	126.0	107.2	147.2
77	100.6	74.5	114.5



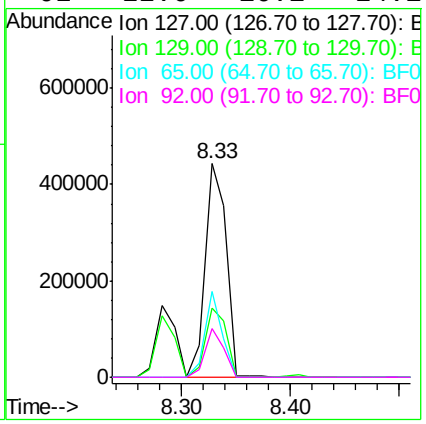


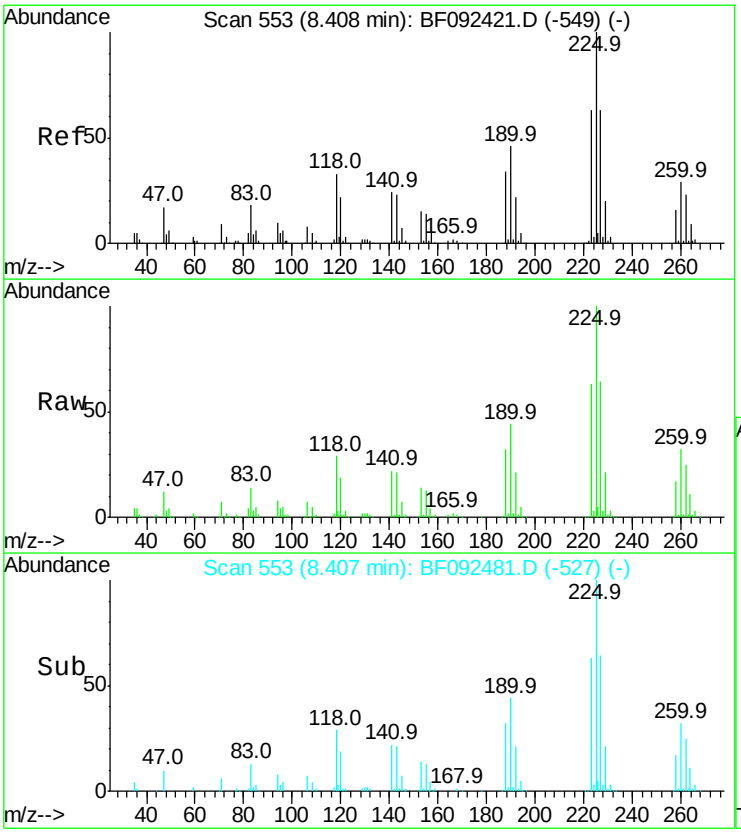
#33
4-Chloroaniline
Concen: 38.03 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 598766

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	40.0	25.8	38.8#
92	22.6	16.1	24.1

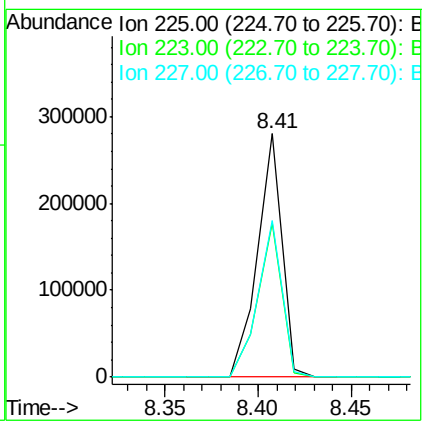


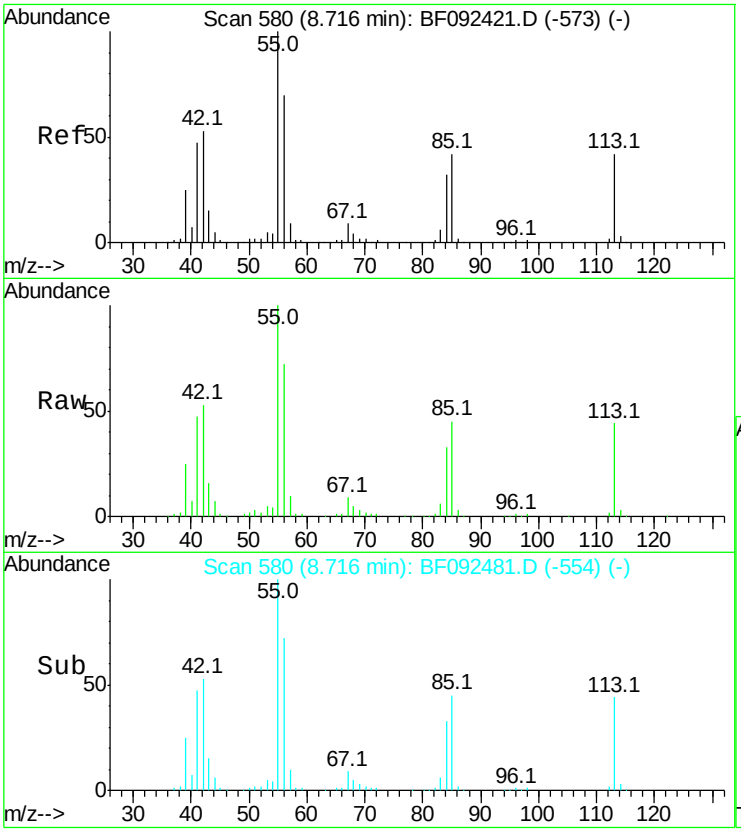


#34
Hexachlorobutadiene
Concen: 40.65 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:225 Resp: 253218

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	64.4	50.6	76.0



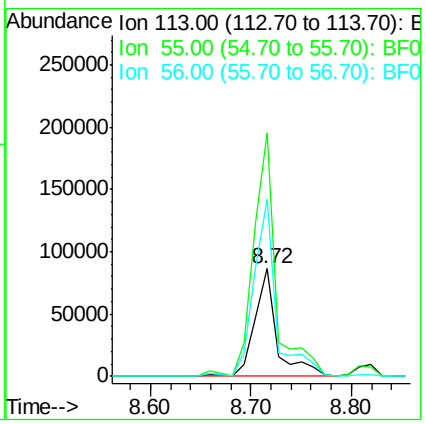


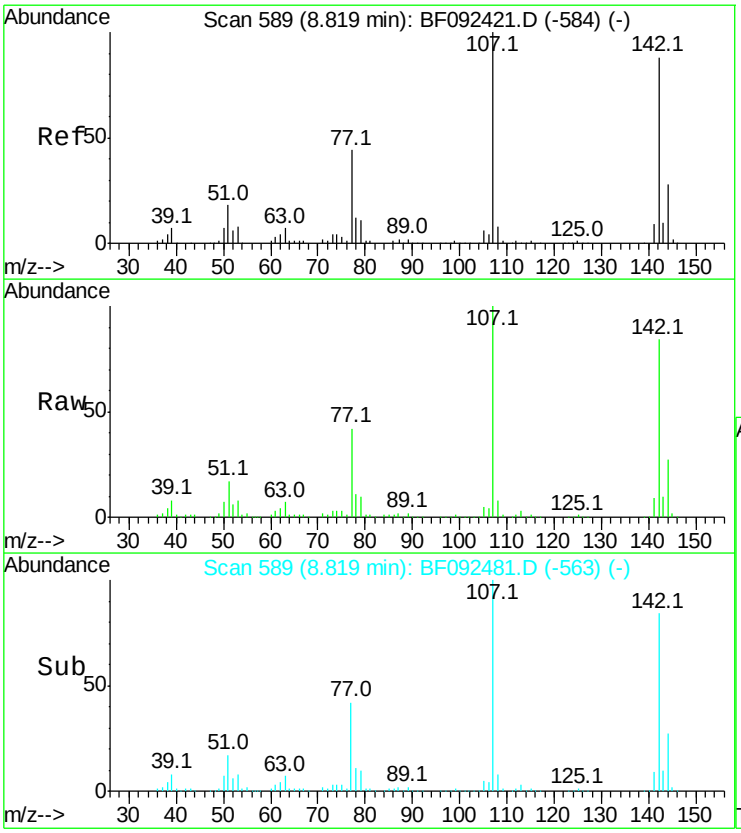
#35
Caprolactam
Concen: 37.24 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 131058

Ion	Ratio	Lower	Upper
113	100		
55	226.8	119.2	159.2#
56	164.4	83.8	123.8#

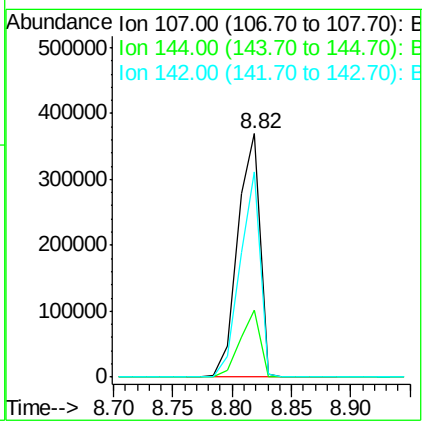


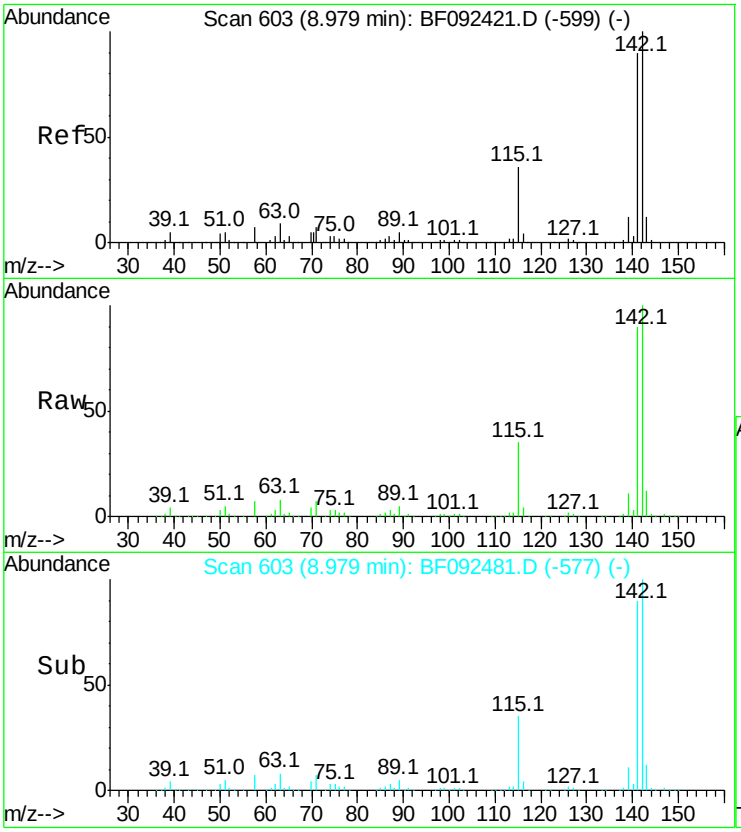


#36
4-Chloro-3-methylphenol
Concen: 42.44 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:107 Resp: 482295

Ion	Ratio	Lower	Upper
107	100		
144	27.5	19.3	28.9
142	84.0	59.0	88.6

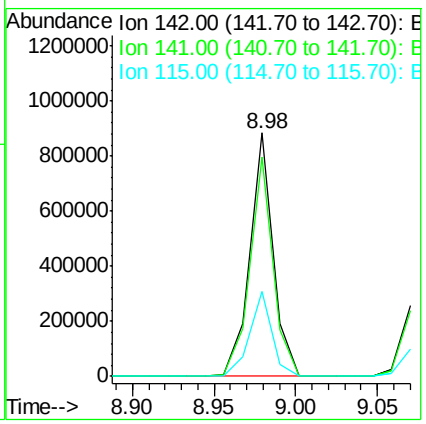




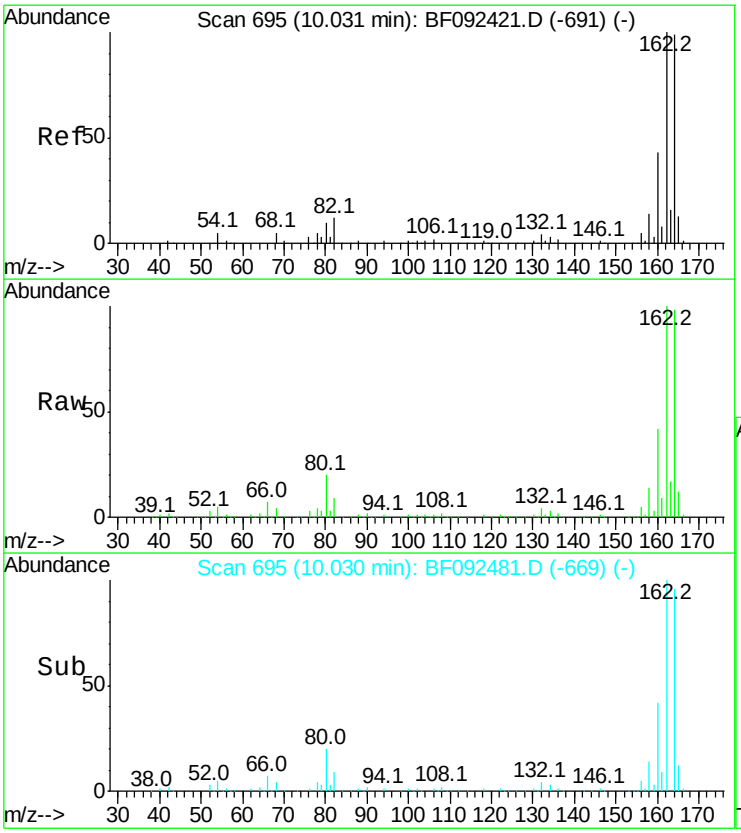
#37
2-Methylnaphthalene
Concen: 37.08 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:142 Resp: 873652

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	34.8	28.3	42.5



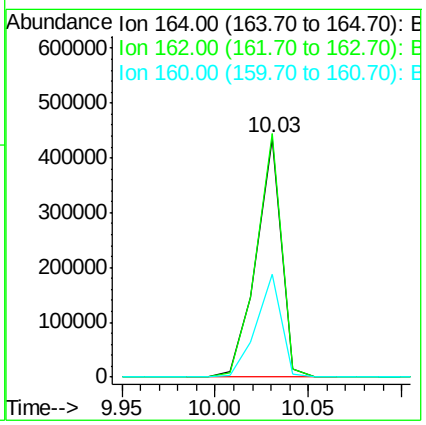
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

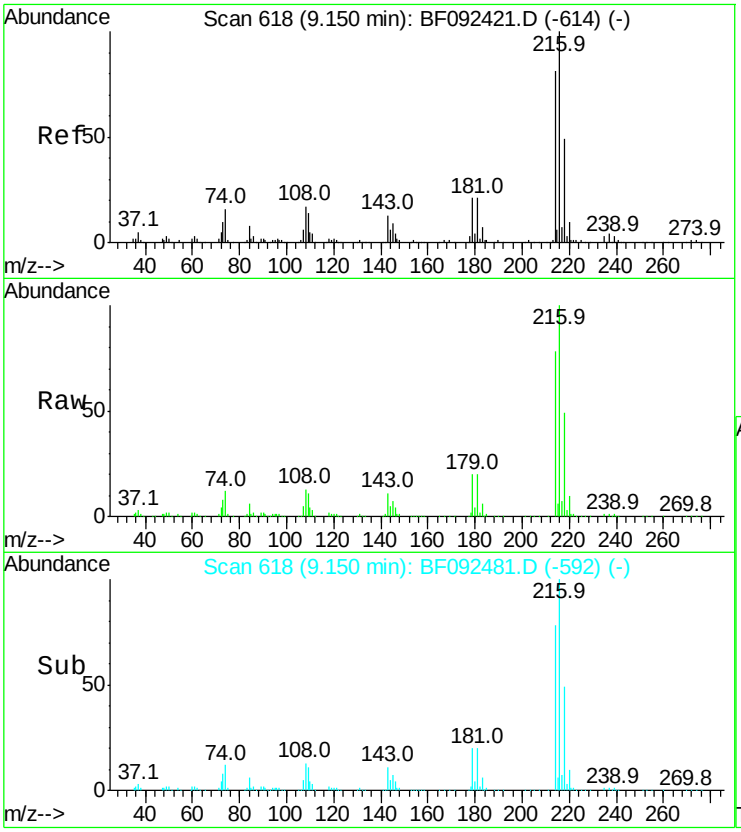


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:164 Resp: 414554

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	43.1	36.9	55.3



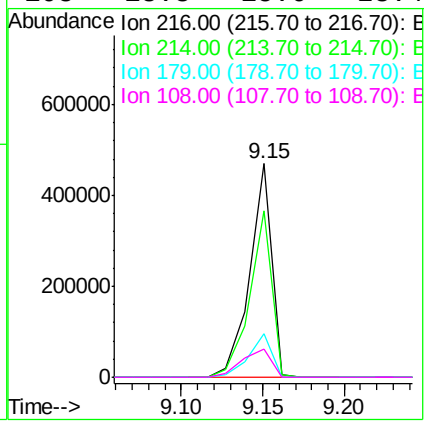


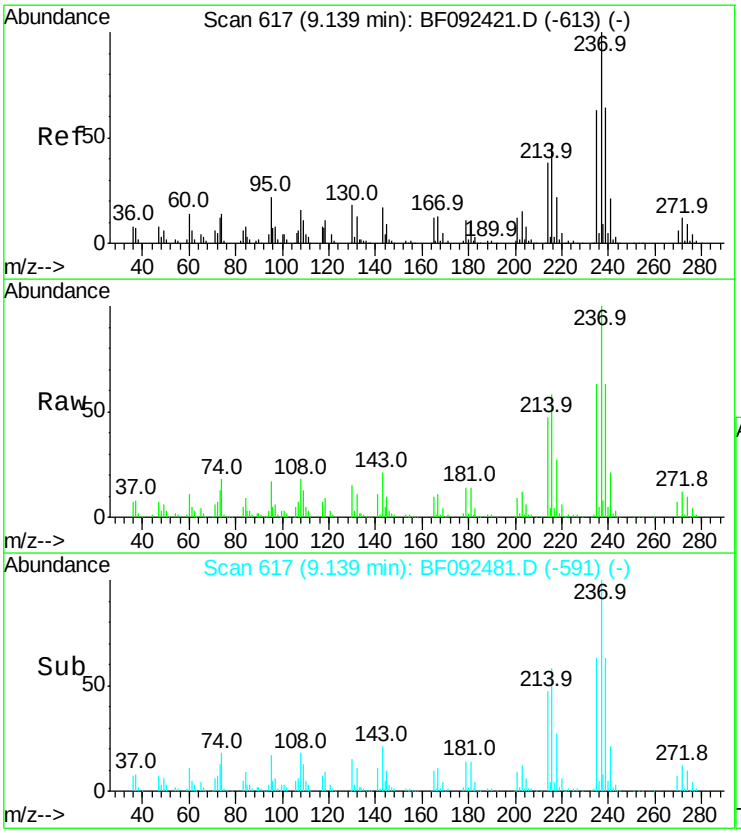
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.80 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:216 Resp: 437068

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.0
179	21.3	17.4	26.2
108	18.3	15.6	23.4

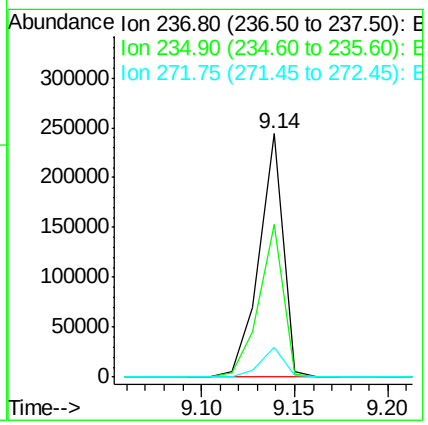


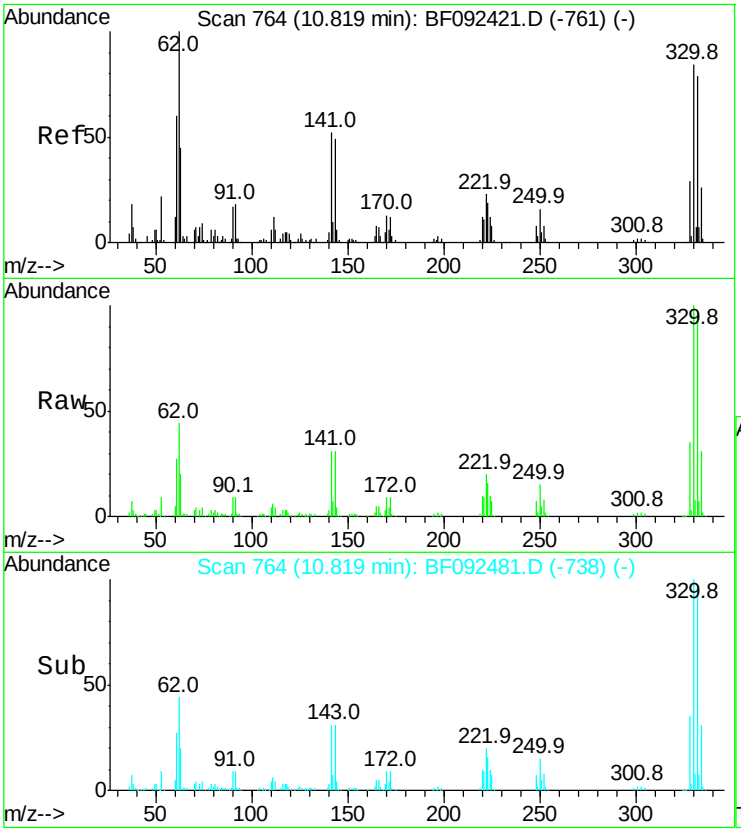


#40
Hexachlorocyclopentadiene
Concen: 42.46 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:237 Resp: 222373

Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	12.0	0.0	35.4



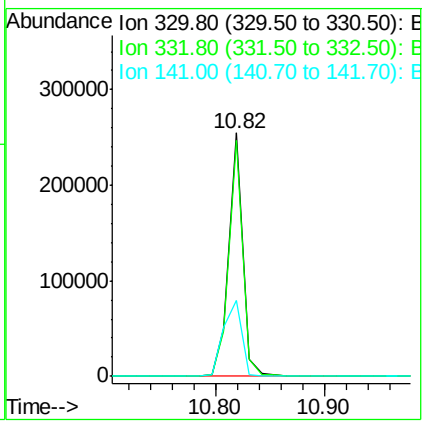


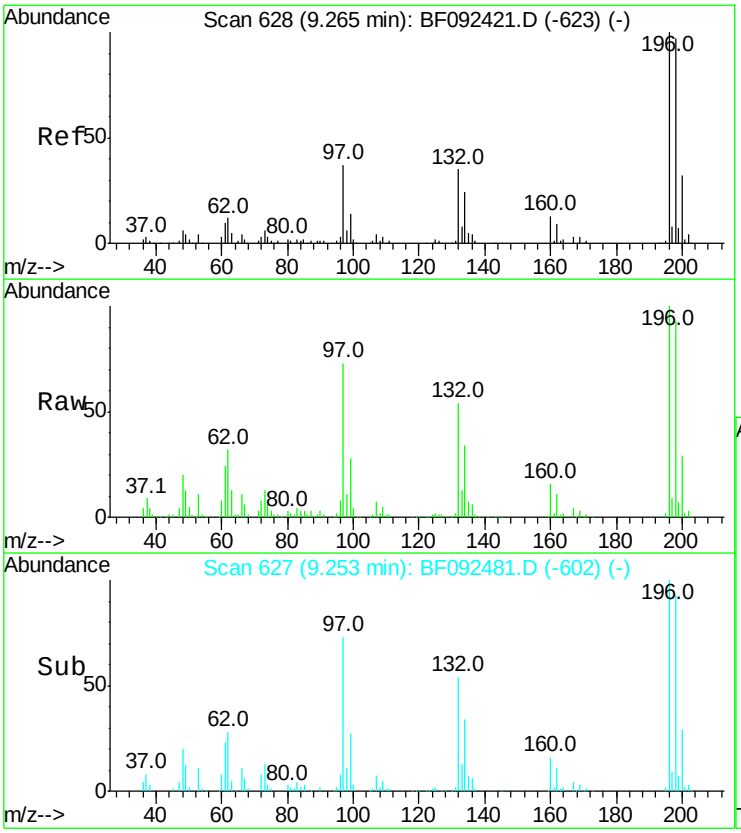
#41
2,4,6-Tribromophenol
Concen: 80.28 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:330 Resp: 226785

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	41.5	34.1	51.1

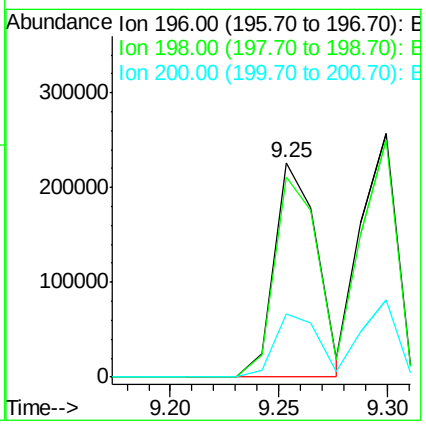


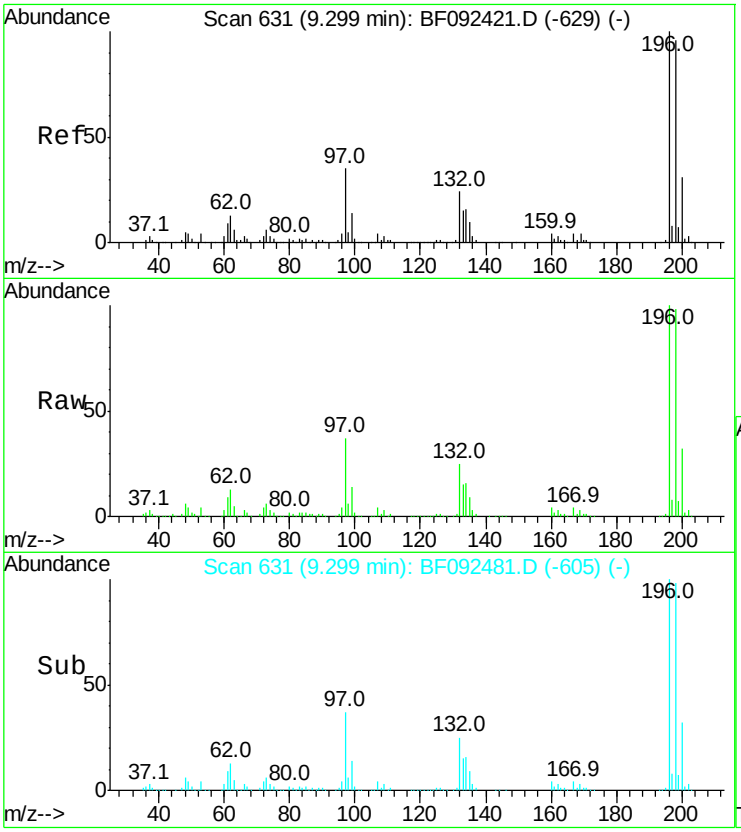


#42
2,4,6-Trichlorophenol
Concen: 38.57 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:196 Resp: 309000

Ion	Ratio	Lower	Upper
196	100		
198	93.2	82.1	123.1
200	29.4	27.0	40.4



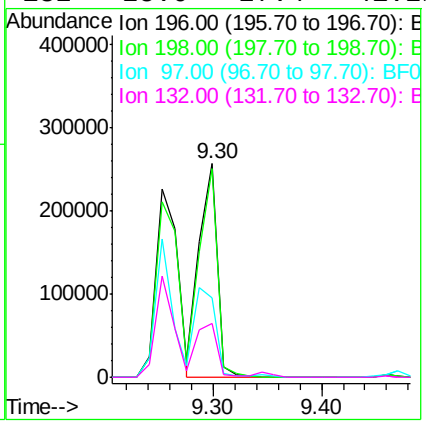


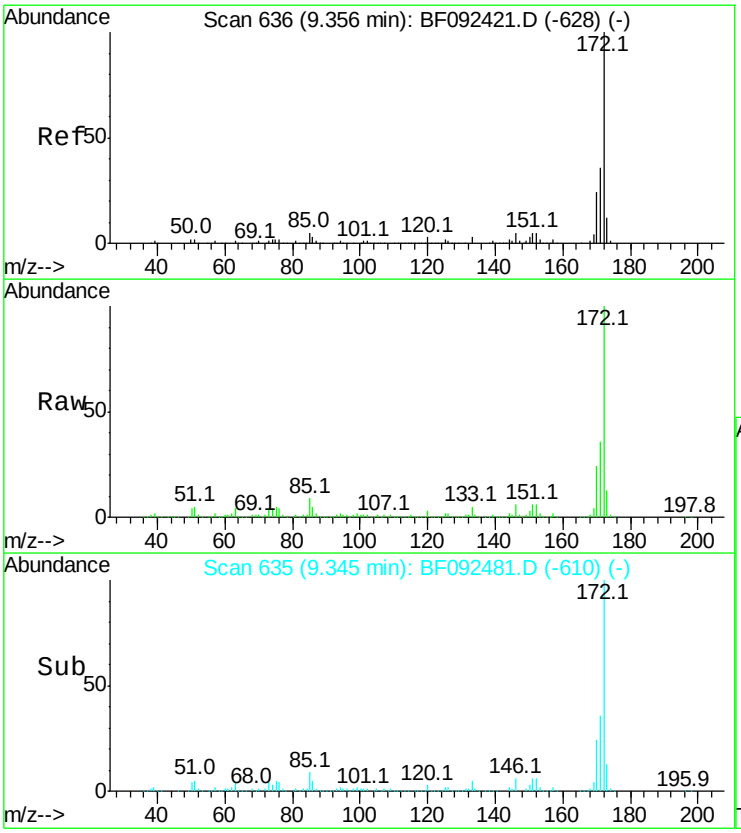
#43
2,4,5-Trichlorophenol
Concen: 41.08 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 301135

Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.4	119.2
97	37.4	51.5	77.3#
132	25.0	27.4	41.2#

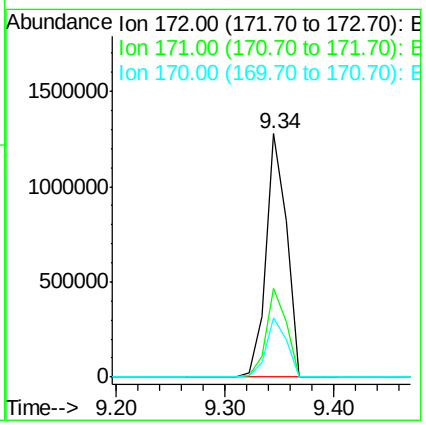


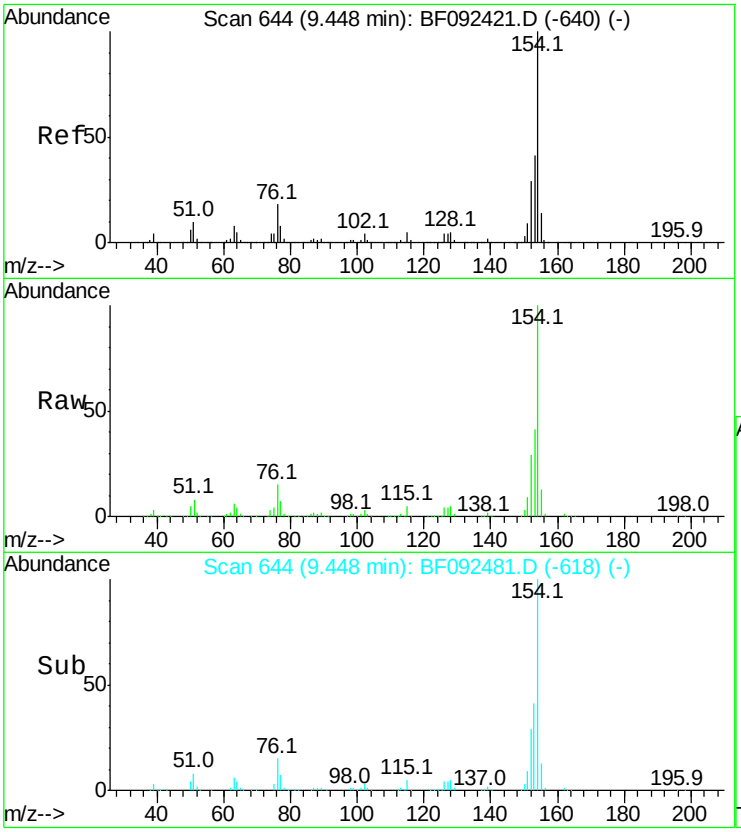


#44
2-Fluorobiphenyl
Concen: 74.76 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:172 Resp: 1676005

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4



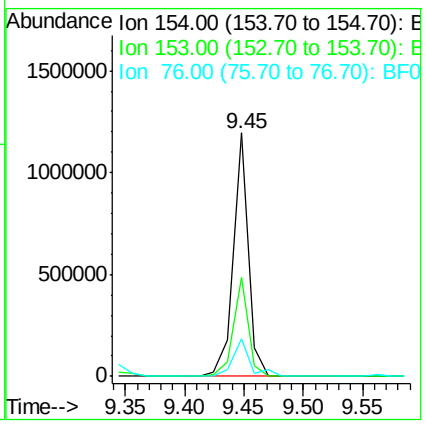


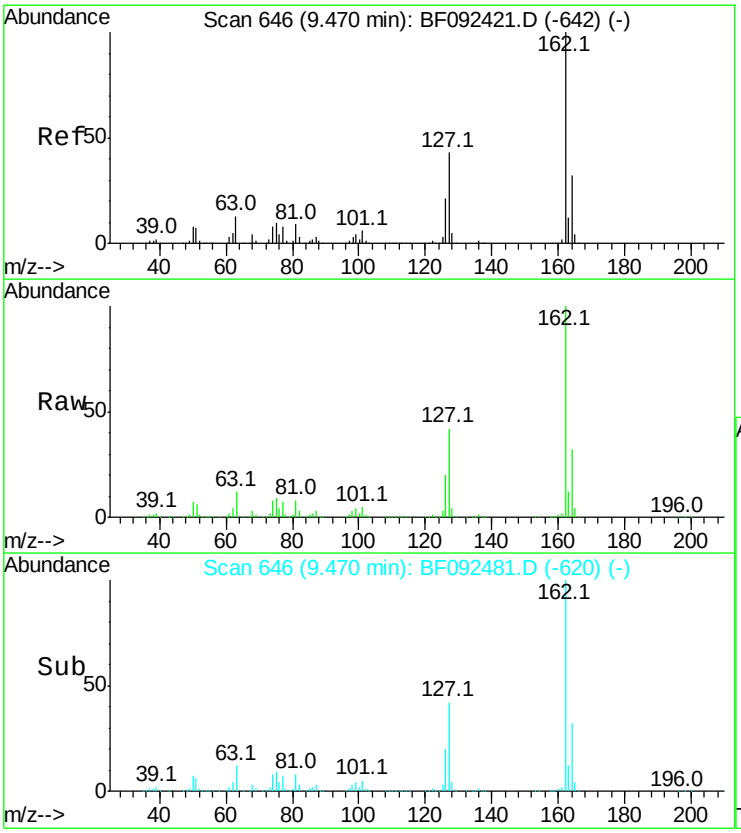
#45
1,1'-Biphenyl
Concen: 35.18 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:154 Resp: 1054366

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	15.2	0.0	30.5

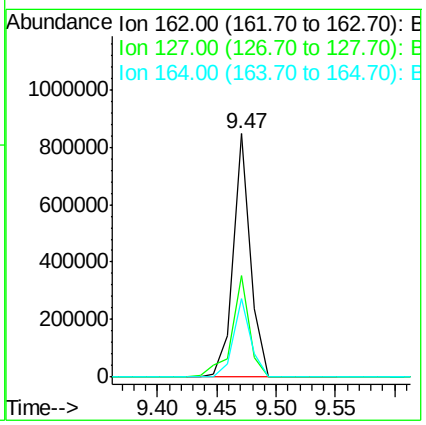


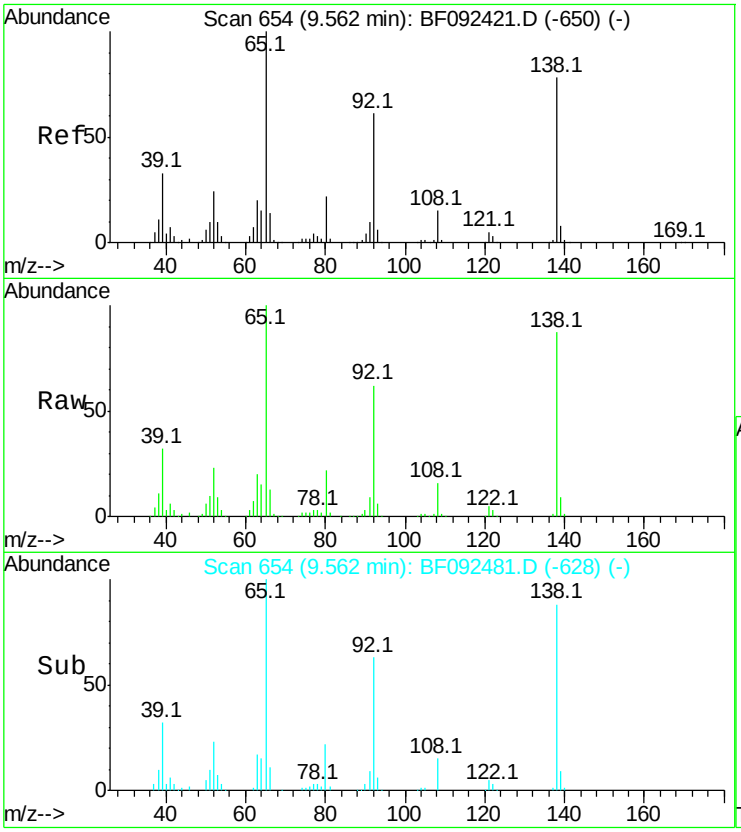


#46
2-Chloronaphthalene
Concen: 34.82 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:162 Resp: 852368

Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	32.4	27.6	41.4



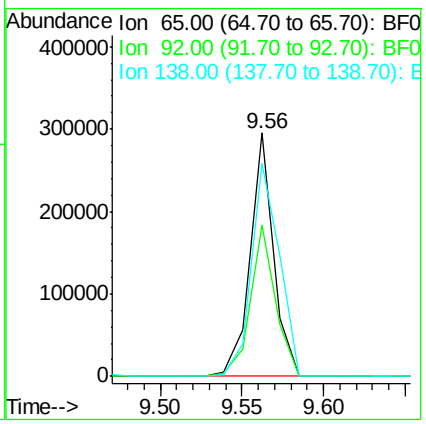


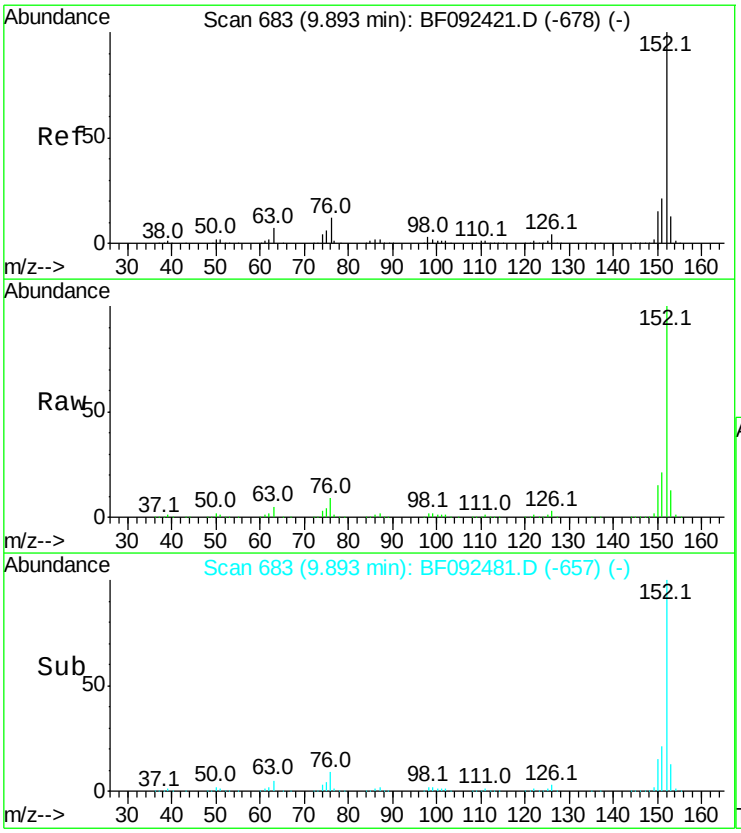
#47
2-Nitroaniline
Concen: 35.61 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 65 Resp: 293534

Ion	Ratio	Lower	Upper
65	100		
92	62.5	53.9	80.9
138	87.4	76.8	115.2

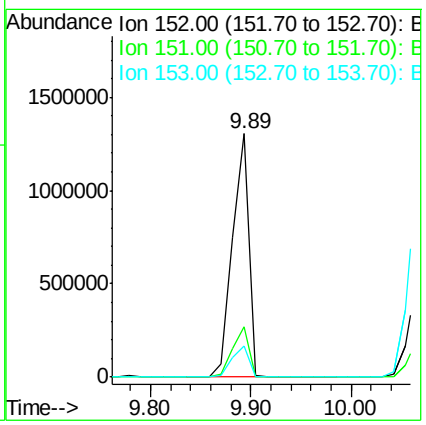


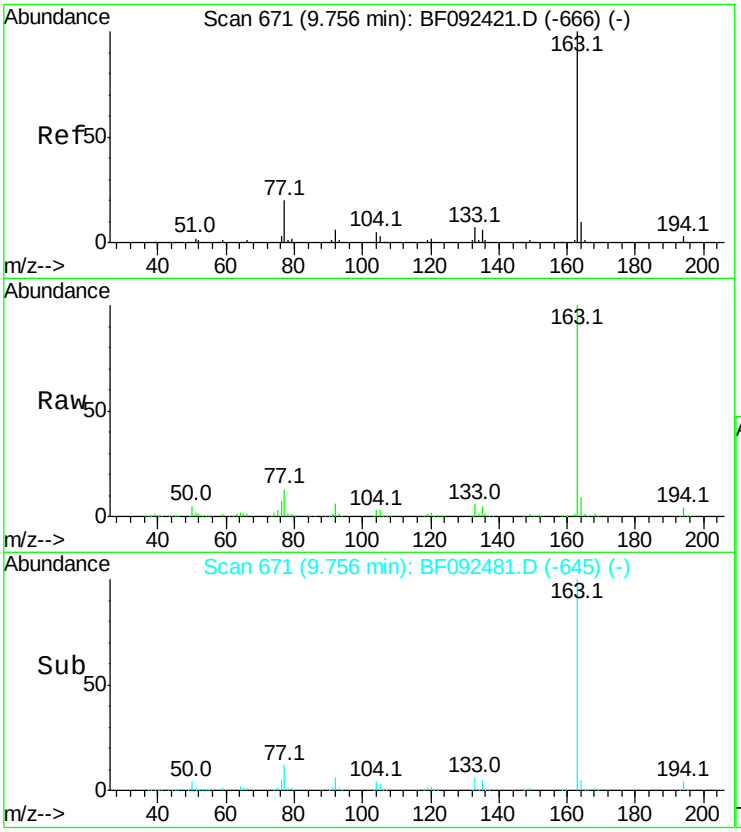


#48
Acenaphthylene
Concen: 40.87 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:152 Resp: 1467150

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	12.9	11.4	17.2



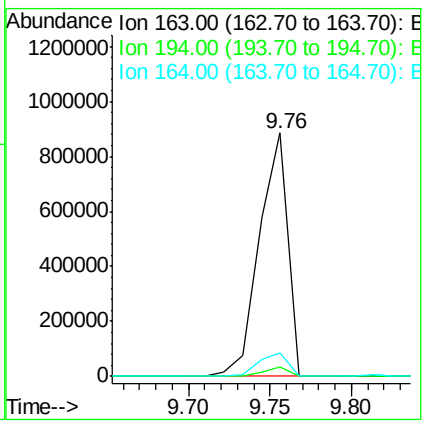


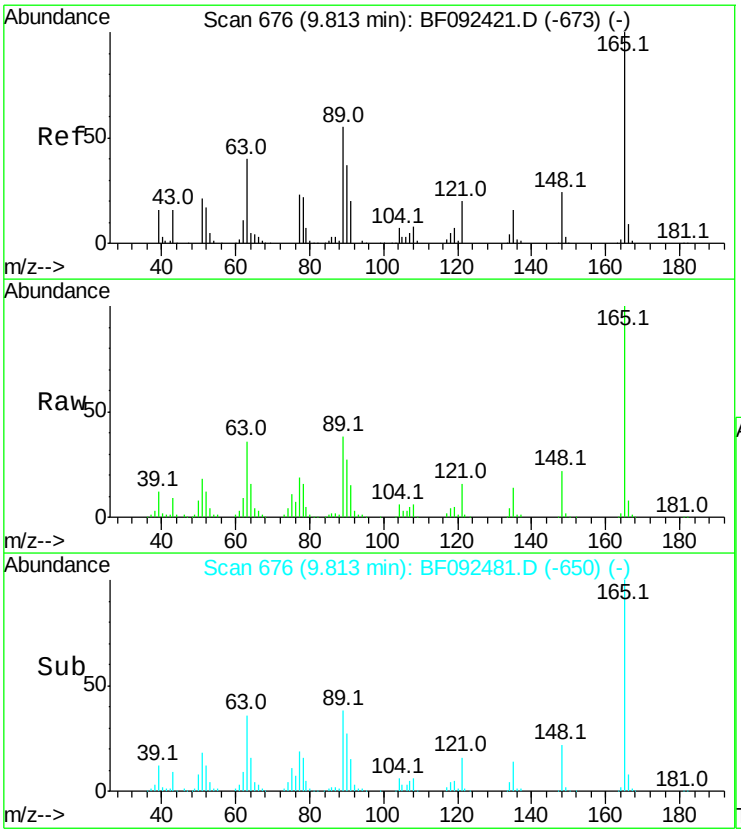
#49
Dimethylphthalate
Concen: 40.43 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1065939

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.5	8.0	12.0

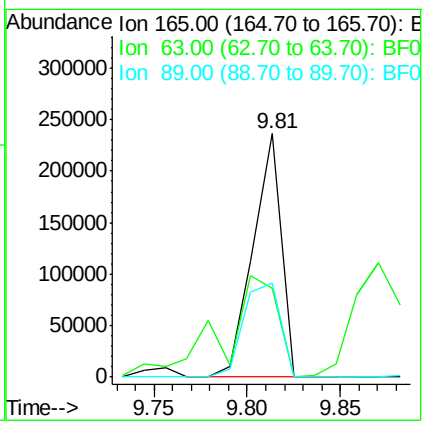


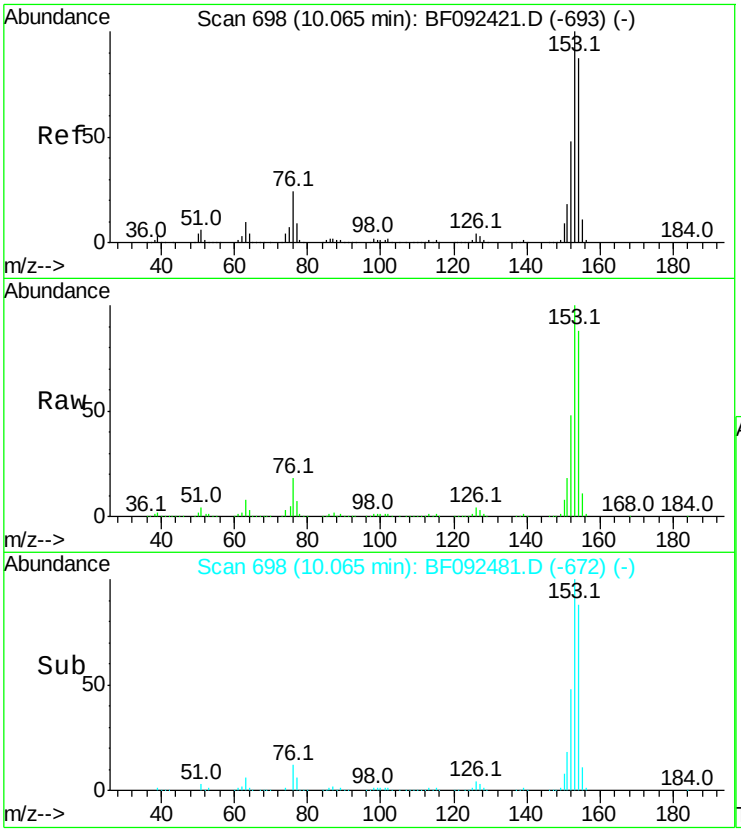


#50
2,6-Dinitrotoluene
Concen: 45.72 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:165 Resp: 246367

Ion	Ratio	Lower	Upper
165	100		
63	36.3	36.2	54.4
89	38.4	40.2	60.4#



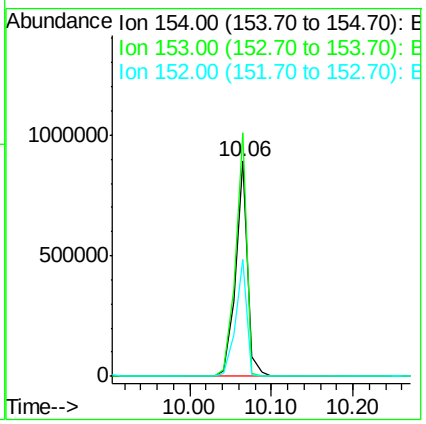


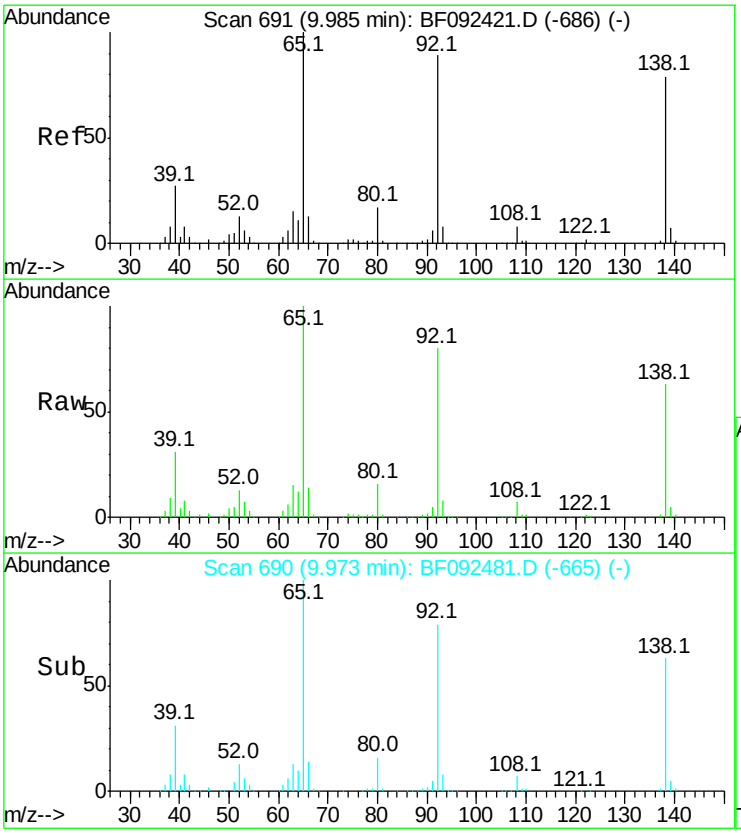
#51
Acenaphthene
Concen: 40.98 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:154 Resp: 914182

Ion	Ratio	Lower	Upper
154	100		
153	113.3	88.6	133.0
152	54.7	41.6	62.4

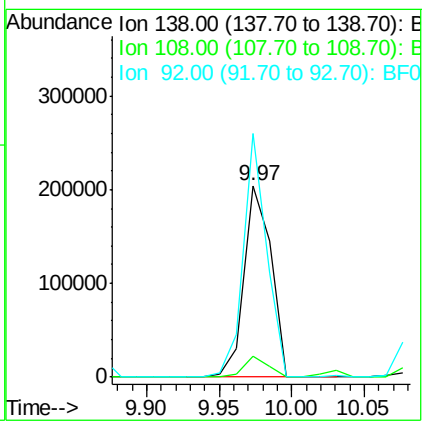


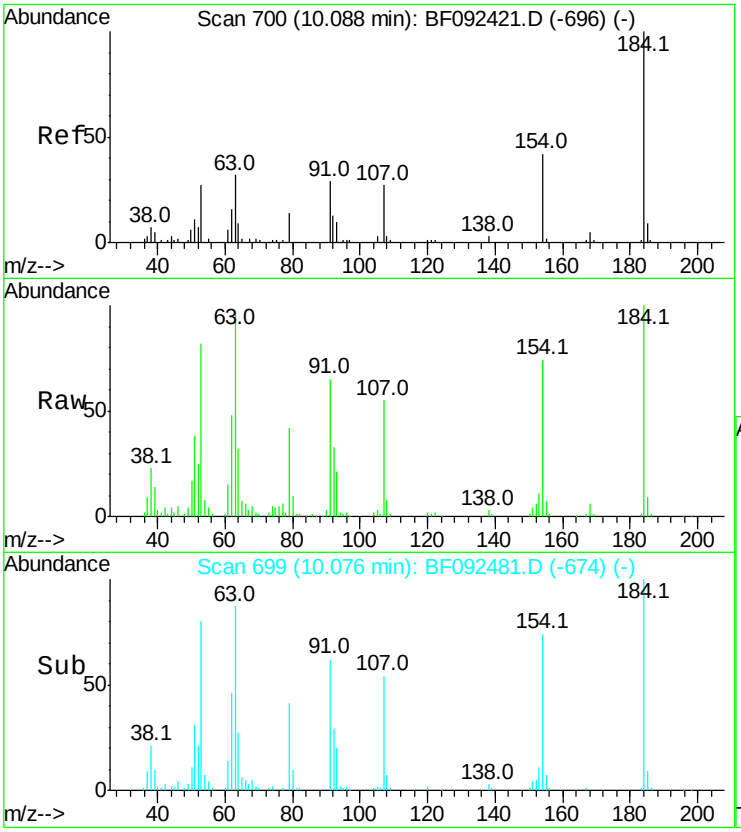


#52
3-Nitroaniline
Concen: 39.02 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:138 Resp: 263343

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.5	12.7
92	127.0	97.8	146.8



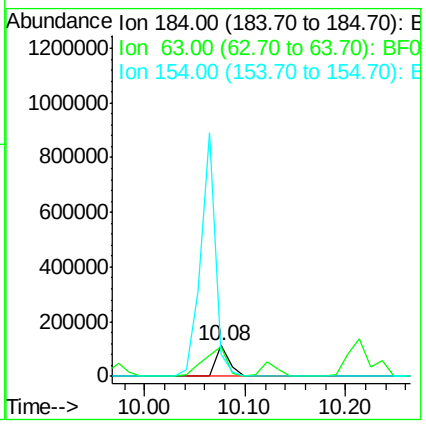


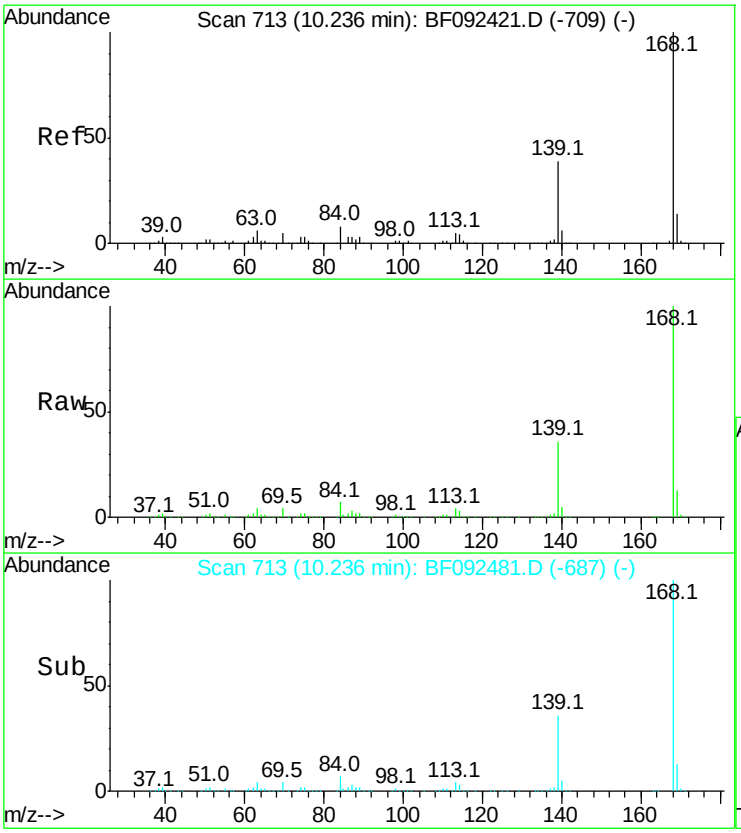
#53
2,4-Dinitrophenol
Concen: 42.47 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 105522

Ion	Ratio	Lower	Upper
184	100		
63	97.0	28.4	42.6#
154	73.5	44.3	66.5#

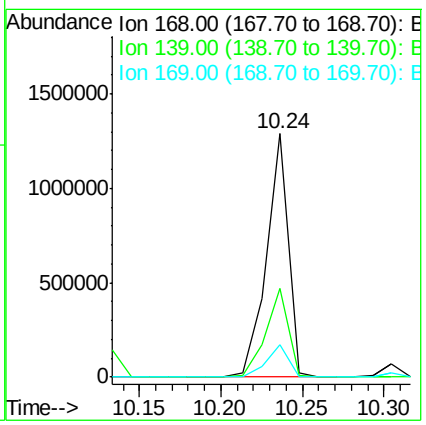


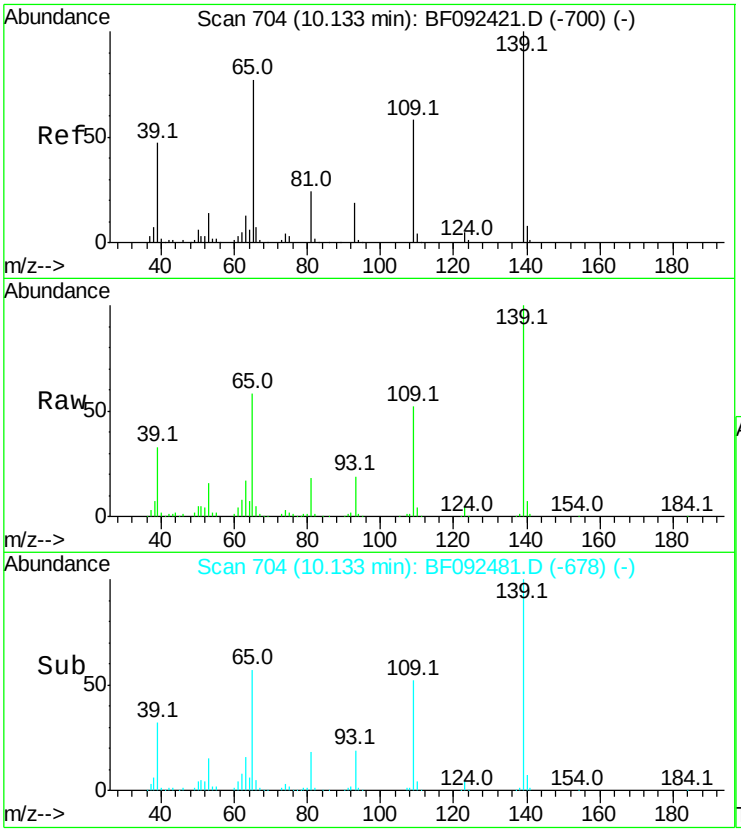


#54
Dibenzofuran
Concen: 39.71 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:168 Resp: 1202821

Ion	Ratio	Lower	Upper
168	100		
139	36.3	32.6	49.0
169	13.4	11.3	16.9



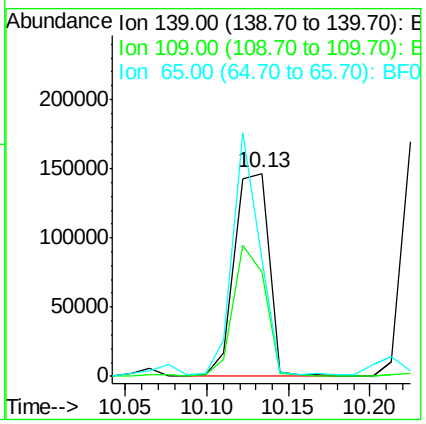


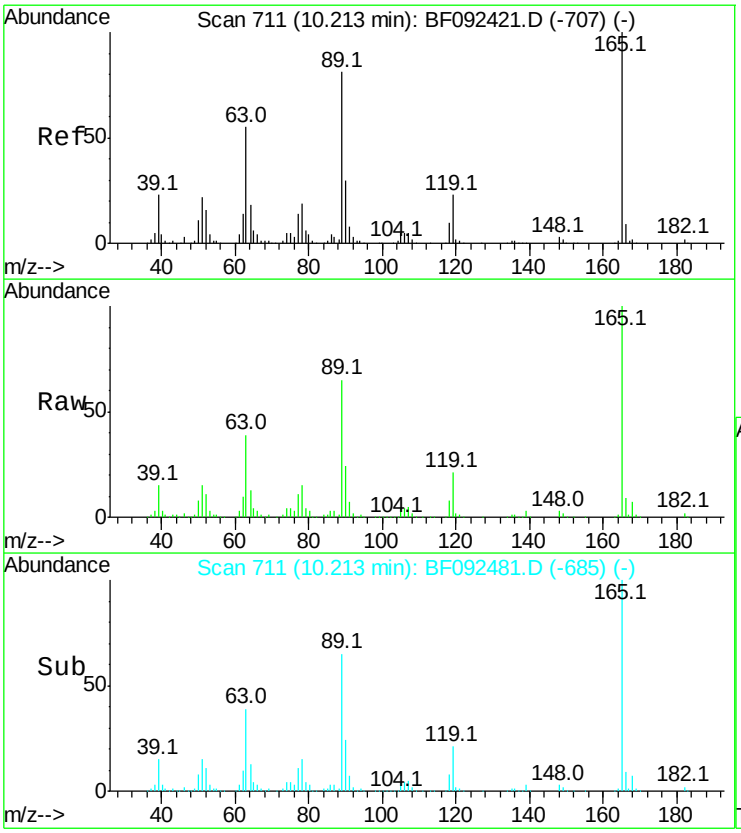
#55
4-Nitrophenol
Concen: 40.08 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:139 Resp: 214815

Ion	Ratio	Lower	Upper
139	100		
109	51.6	52.2	92.2#
65	57.6	85.8	125.8#

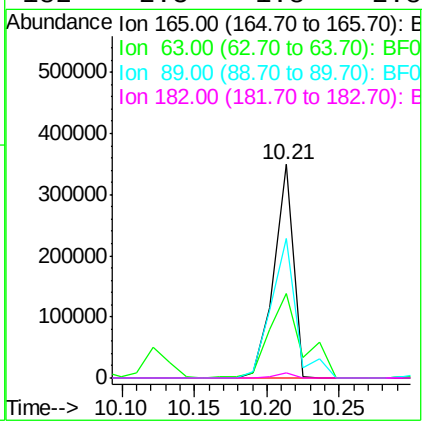


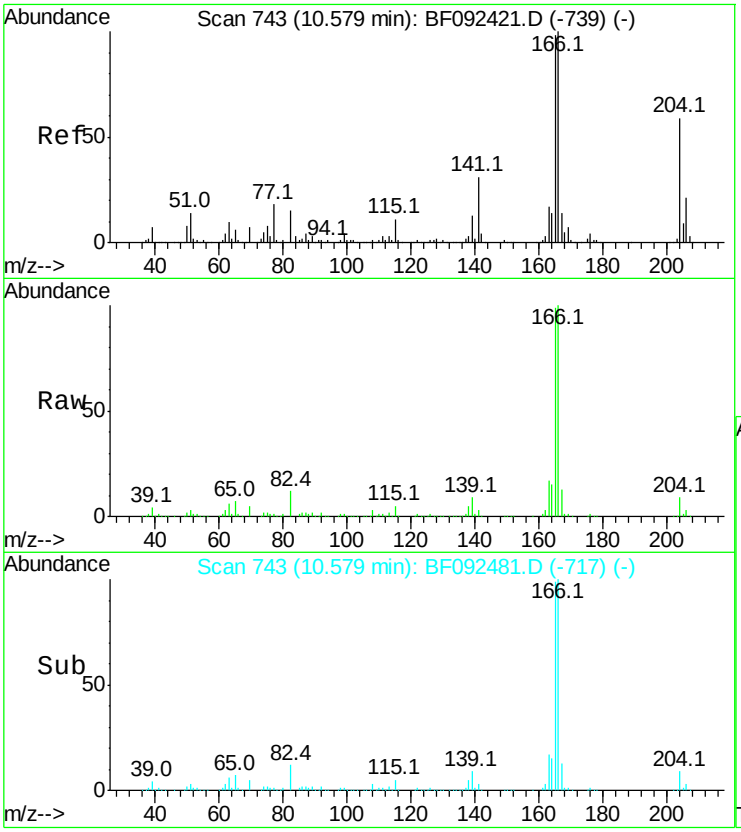


#56
2,4-Dinitrotoluene
Concen: 45.68 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:165 Resp: 326713

Ion	Ratio	Lower	Upper
165	100		
63	39.3	40.2	60.4#
89	65.1	62.5	93.7
182	2.3	1.8	2.8



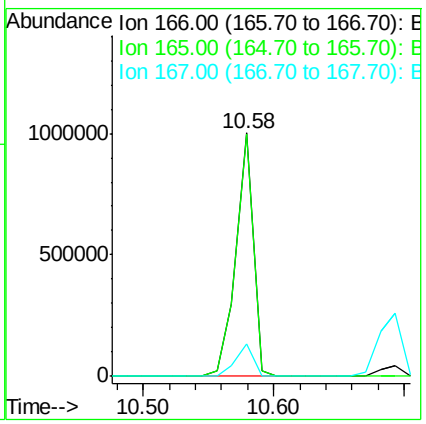


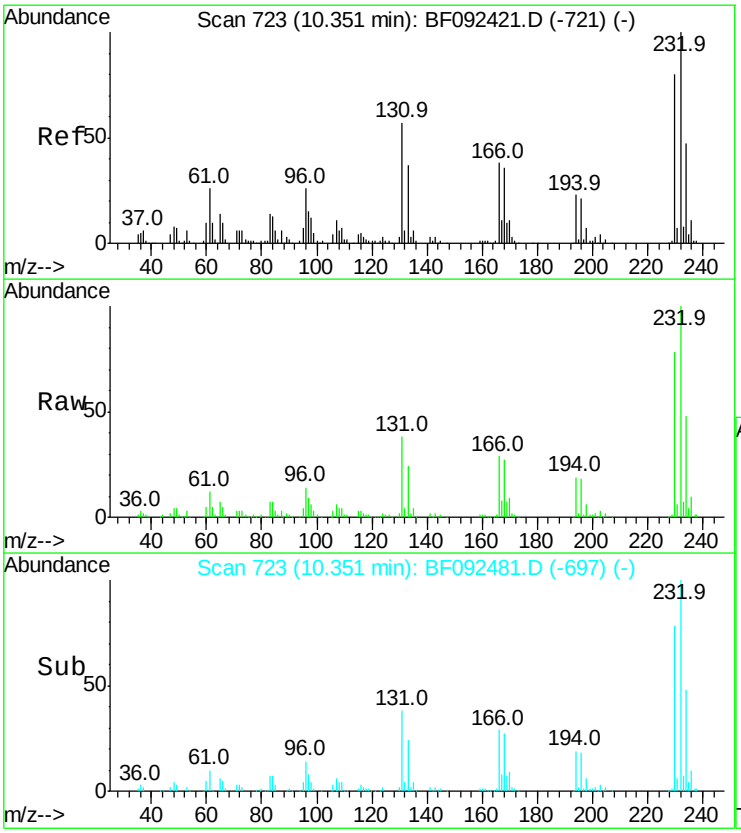
#57
Fluorene
Concen: 41.01 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:166 Resp: 921194

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.8
167	13.3	10.8	16.2

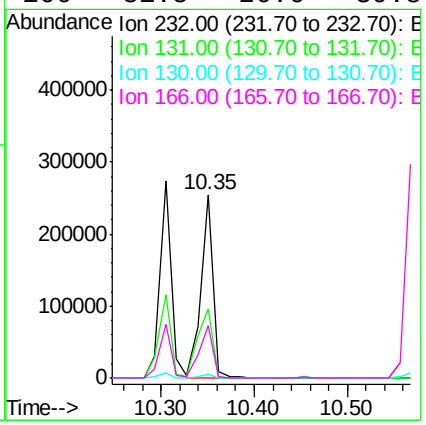


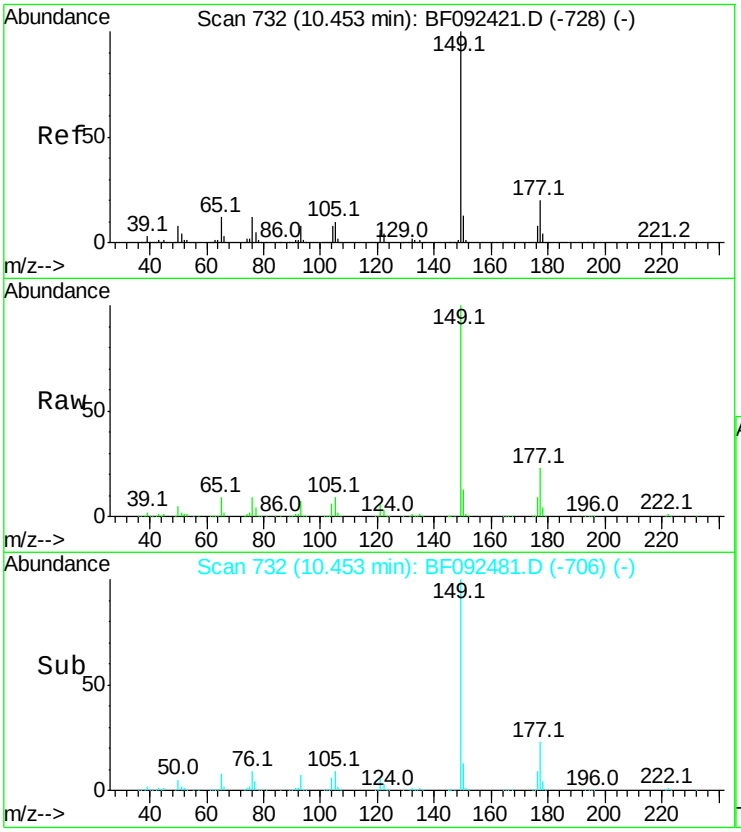


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.84 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:232 Resp: 235275

Ion	Ratio	Lower	Upper
232	100		
131	46.0	40.1	60.1
130	2.2	1.8	2.8
166	31.5	26.6	39.8



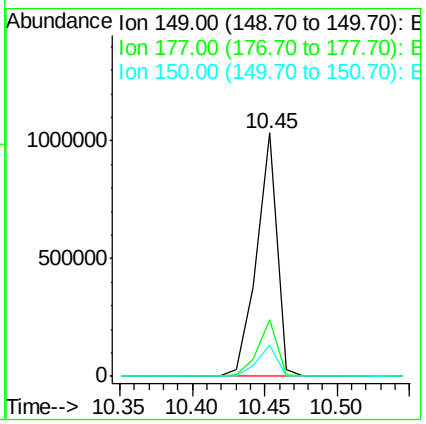


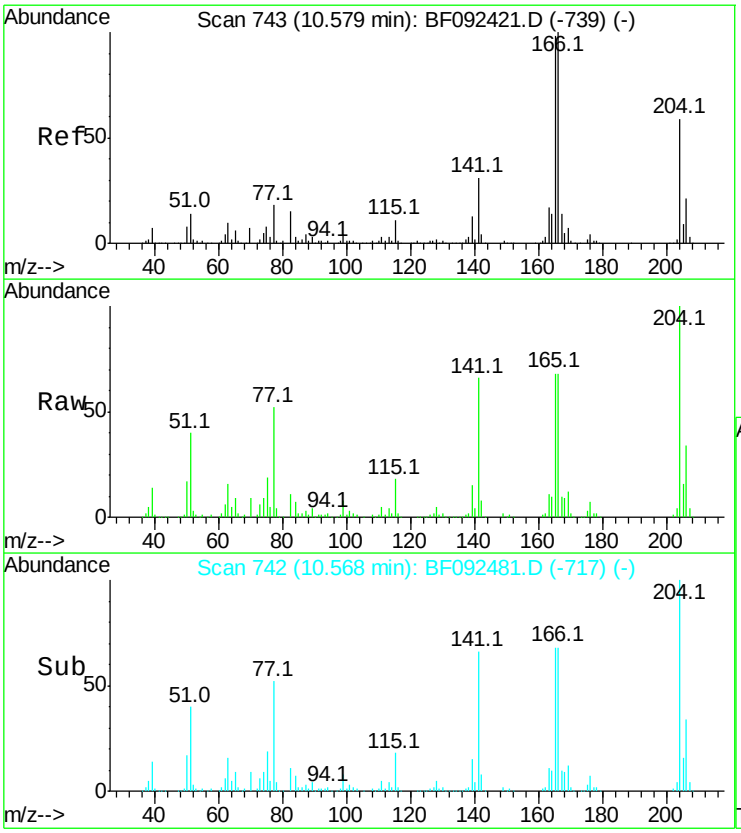
#59
Diethylphthalate
Concen: 39.82 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1006644

Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.6	25.0
150	12.8	10.4	15.6

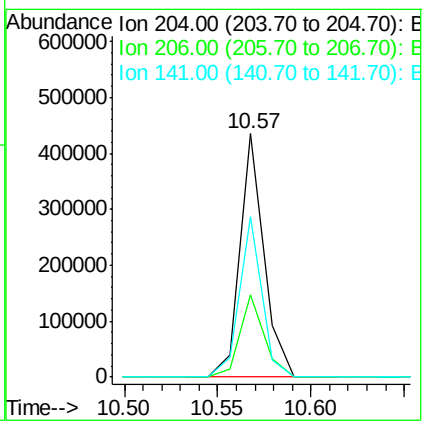


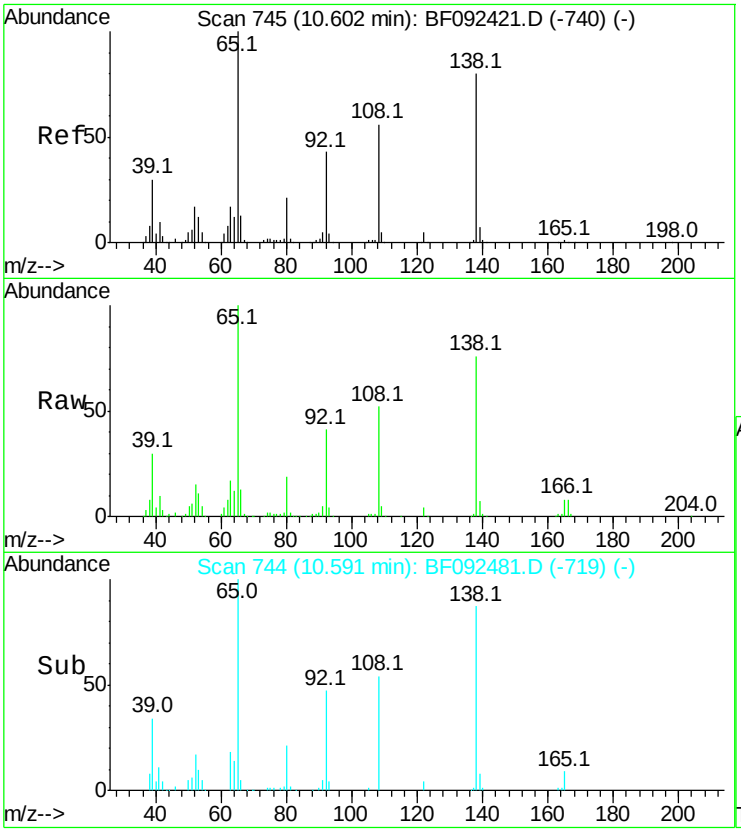


#60
4-Chlorophenyl-phenylether
Concen: 35.78 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:204 Resp: 389749

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	66.1	59.4	89.0



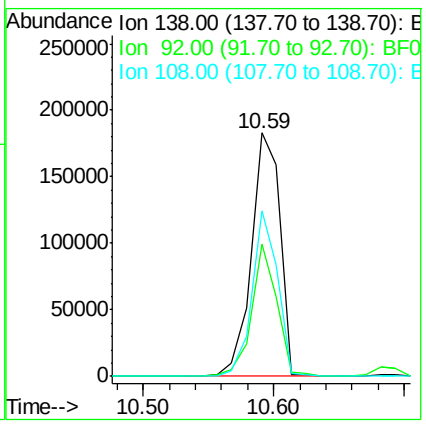


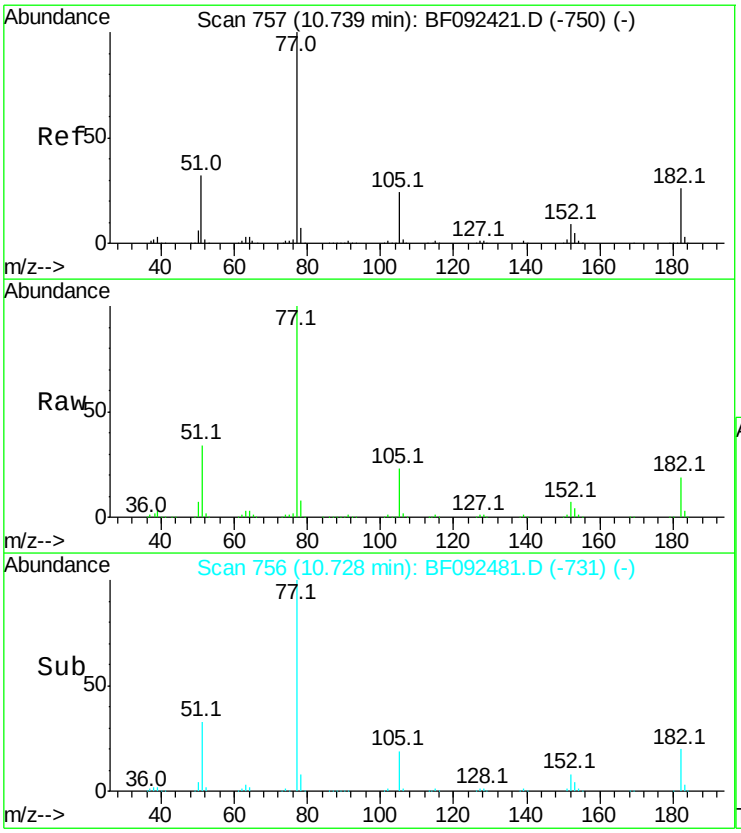
#61
4-Nitroaniline
Concen: 41.28 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 278647

Ion	Ratio	Lower	Upper
138	100		
92	54.3	31.7	71.7
108	68.0	52.6	92.6

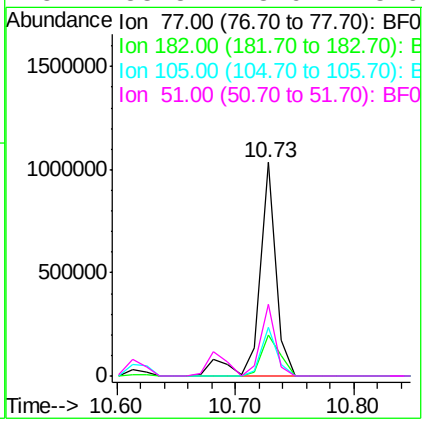


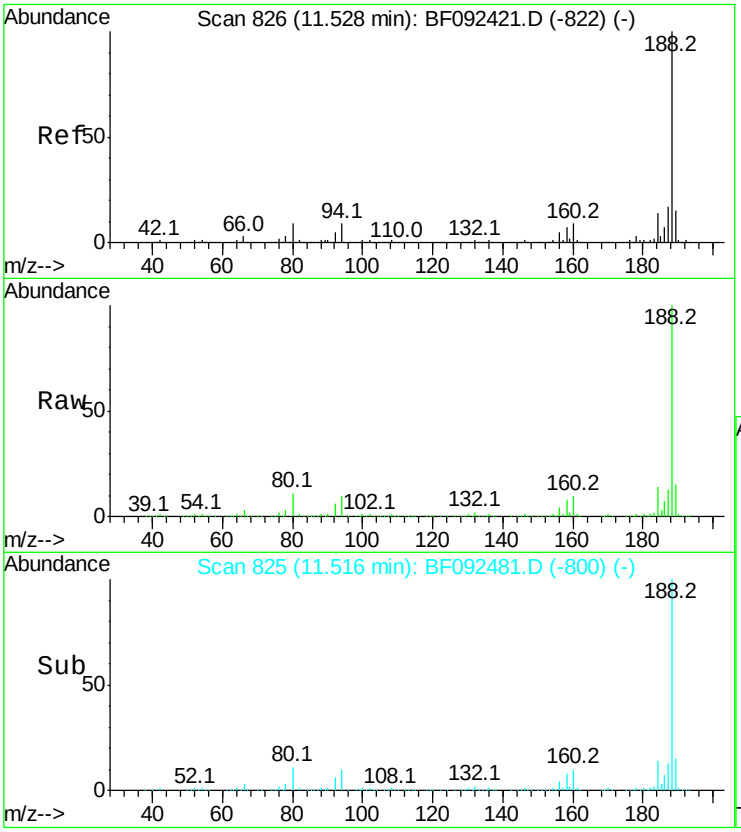


#62
Azobenzene
Concen: 35.62 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion: 77 Resp: 1024535

Ion	Ratio	Lower	Upper
77	100		
182	19.5	0.0	39.3
105	22.5	2.3	42.3
51	33.8	8.9	48.9



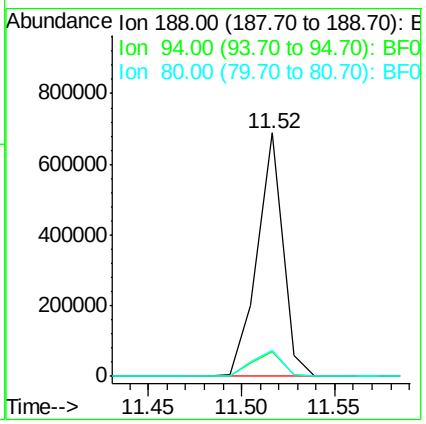


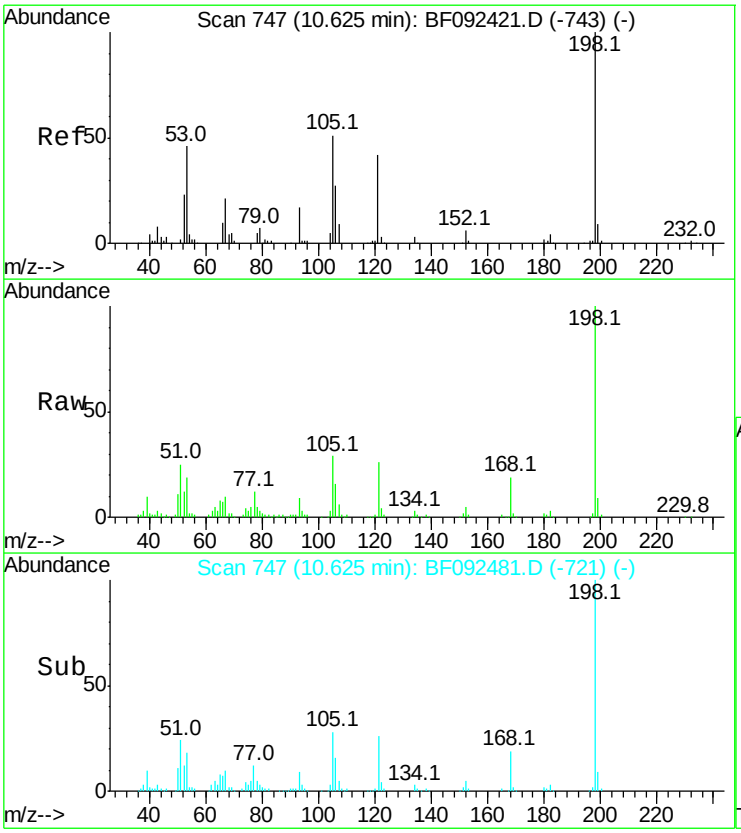
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 656242

Ion	Ratio	Lower	Upper
188	100		
94	10.2	10.0	15.0
80	10.6	11.2	16.8#

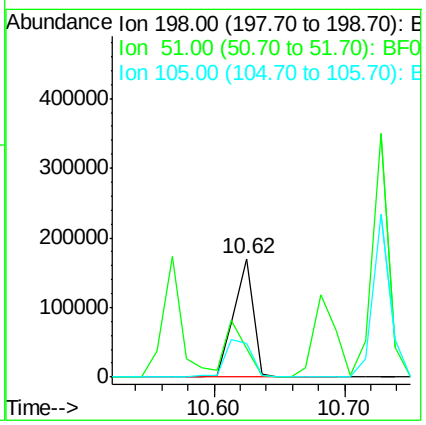


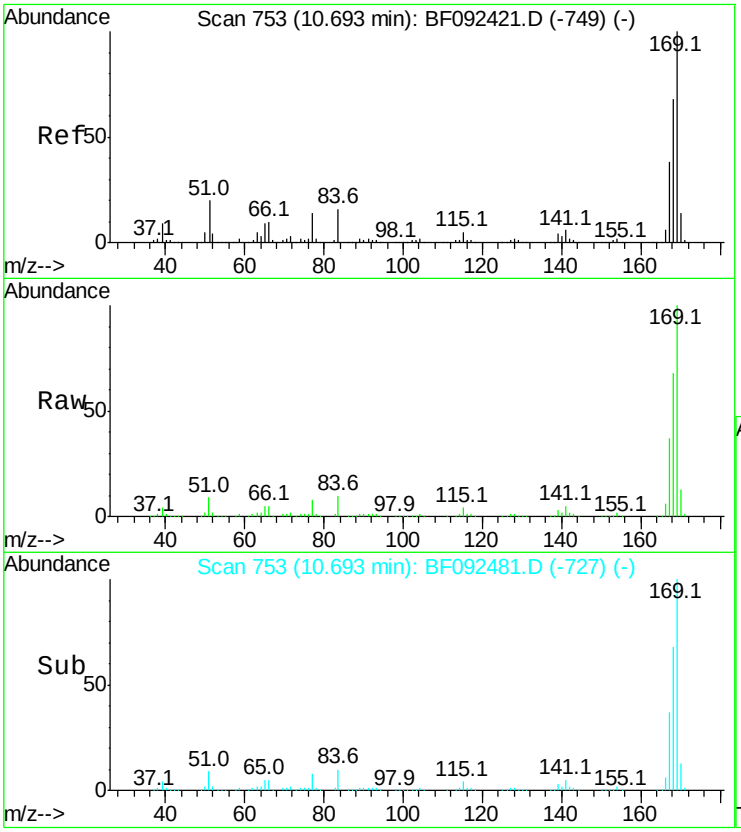


#64
4,6-Dinitro-2-methylphenol
Concen: 49.48 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:198 Resp: 175562

Ion	Ratio	Lower	Upper
198	100		
51	24.6	6.7	46.7
105	28.6	16.6	56.6



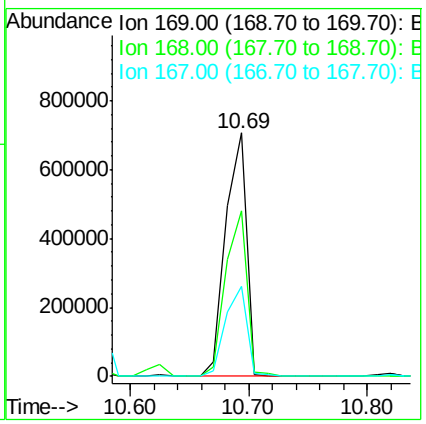


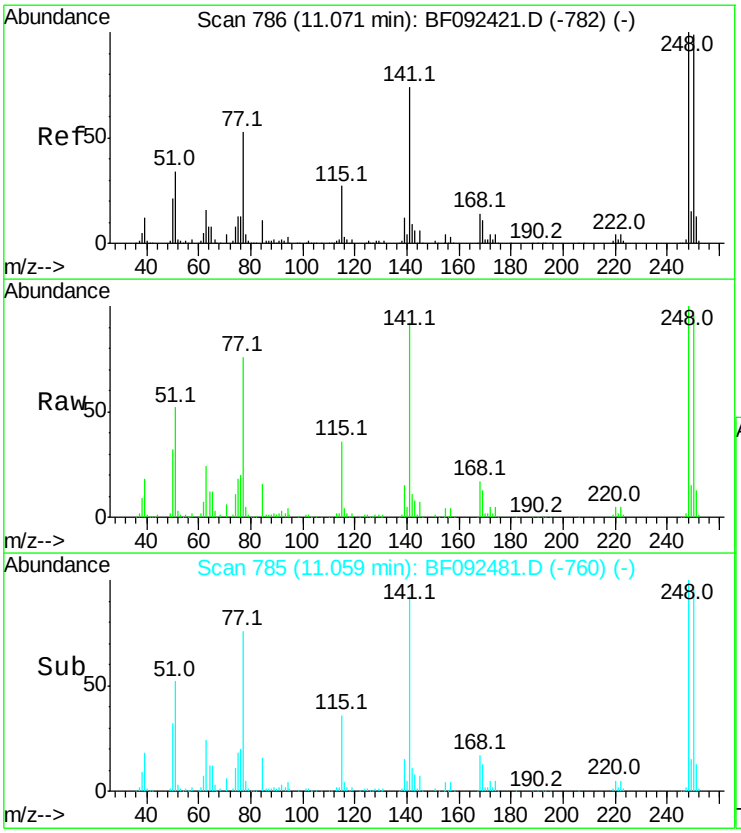
#65
n-Nitrosodiphenylamine
Concen: 41.93 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:169 Resp: 859245

Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.2	81.2
167	37.1	30.2	45.4

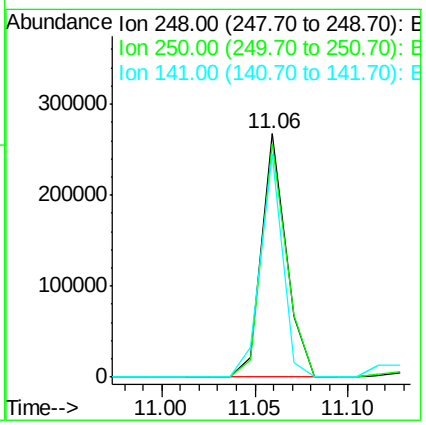


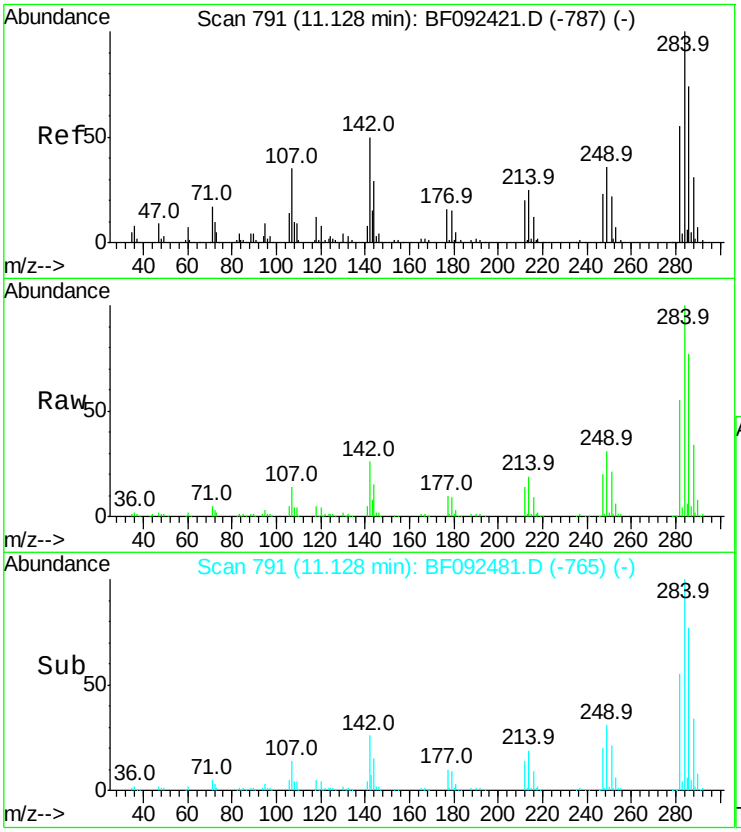


#66
4-Bromophenyl-phenylether
Concen: 36.90 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:248 Resp: 244512

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	91.5	68.2	102.4



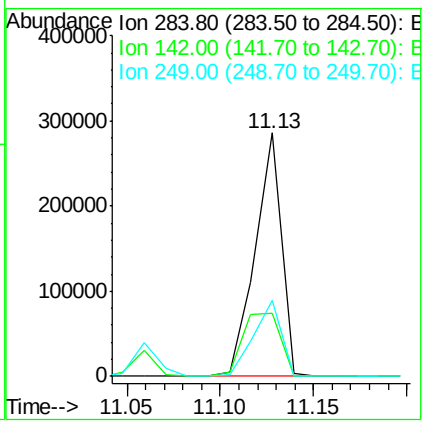


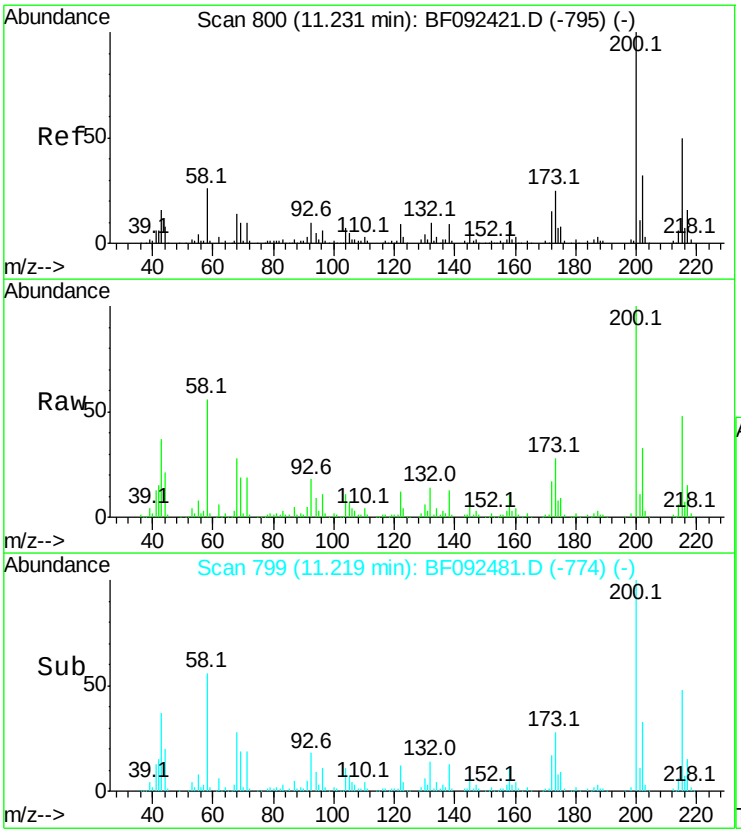
#67
Hexachlorobenzene
Concen: 41.50 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 277942

Ion	Ratio	Lower	Upper
284	100		
142	25.9	22.6	33.8
249	31.4	25.4	38.0

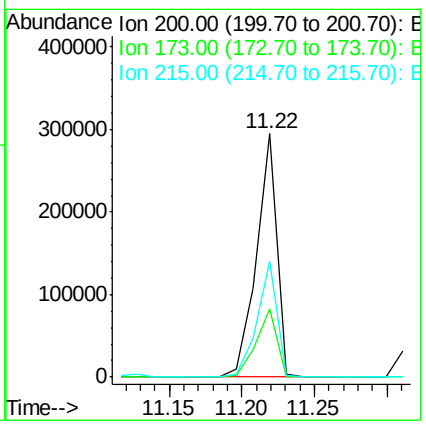


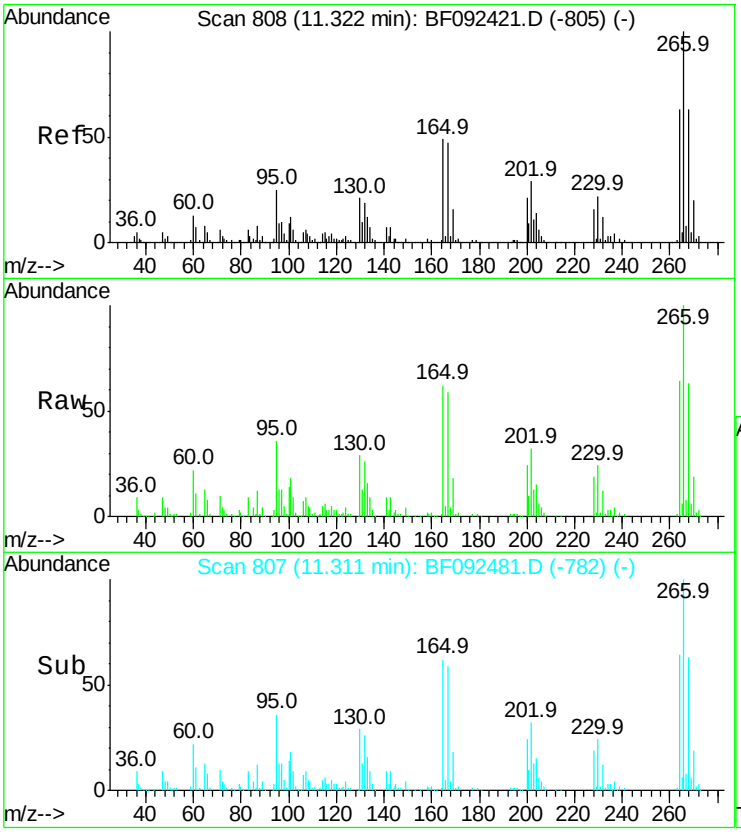


#68
Atrazine
Concen: 40.74 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:200 Resp: 285787

Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.6	49.6
215	47.6	25.7	65.7



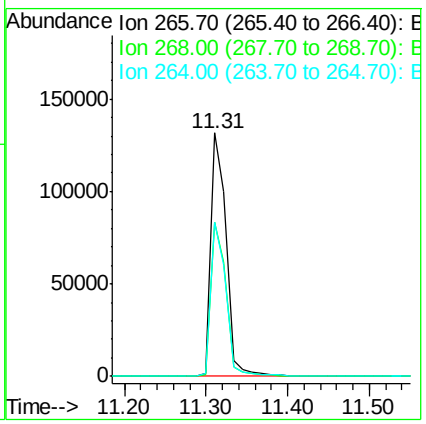


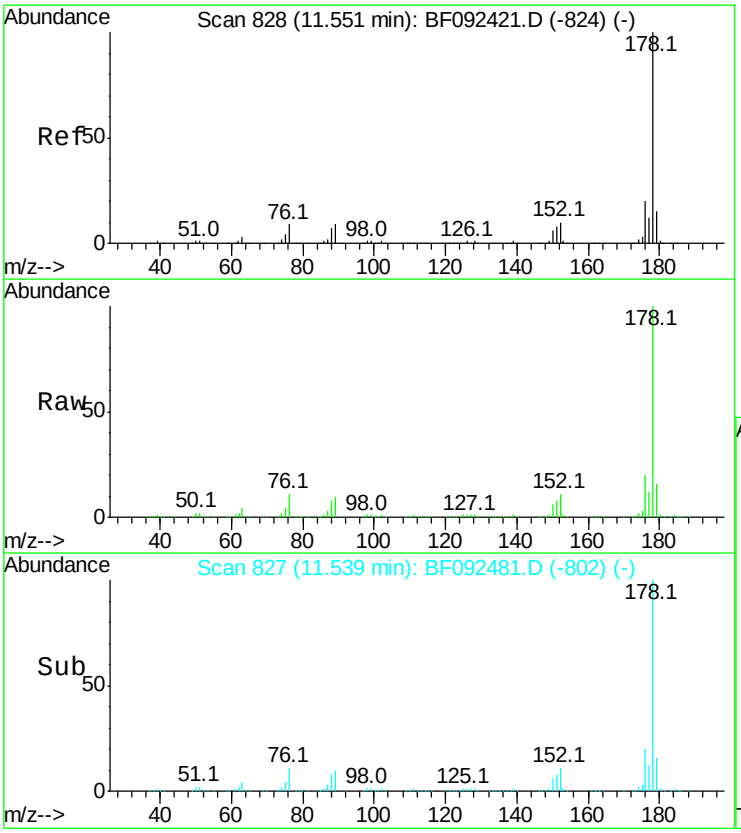
#69
Pentachlorophenol
Concen: 40.52 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:266 Resp: 173508

Ion	Ratio	Lower	Upper
266	100		
268	63.3	53.3	79.9
264	63.5	50.3	75.5

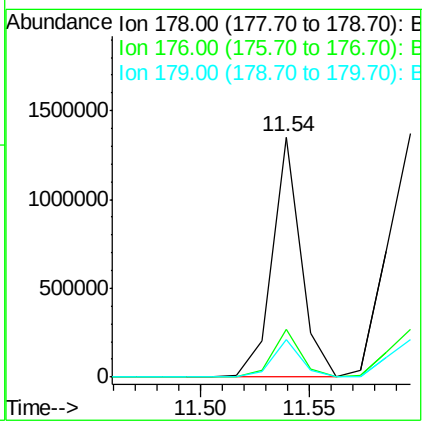


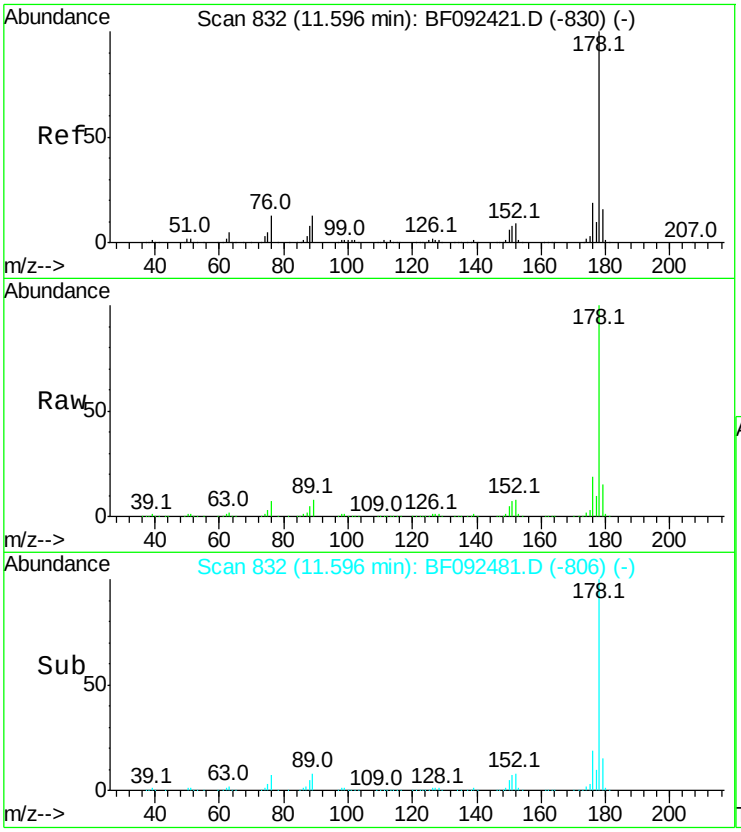


#70
Phenanthrene
Concen: 34.49 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:178 Resp: 1246333

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.8	12.8	19.2



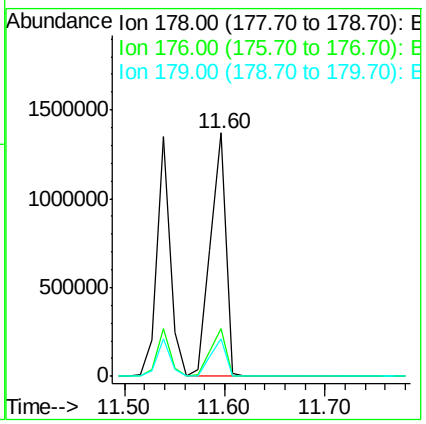


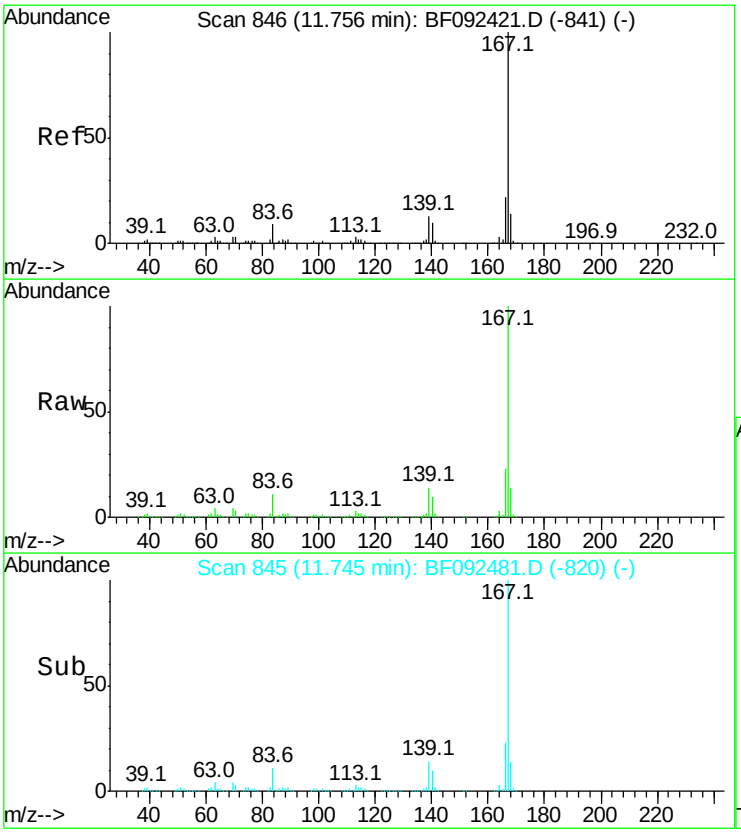
#71
Anthracene
Concen: 41.57 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 1468111

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.3	13.2	19.8

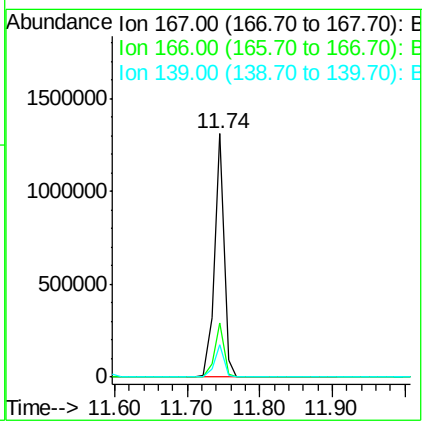


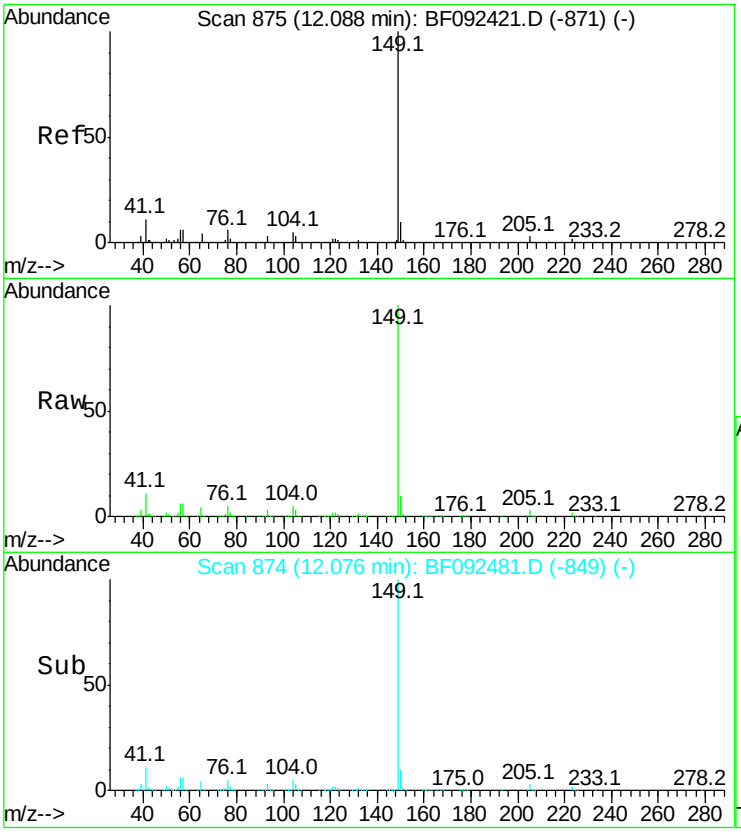


#72
Carbazole
Concen: 35.43 ng
RT: 11.74 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:167 Resp: 1194741

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	13.5	11.4	17.2



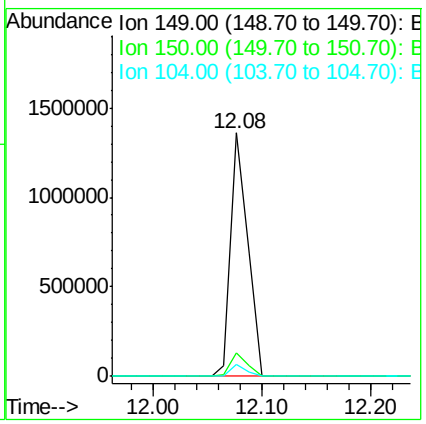


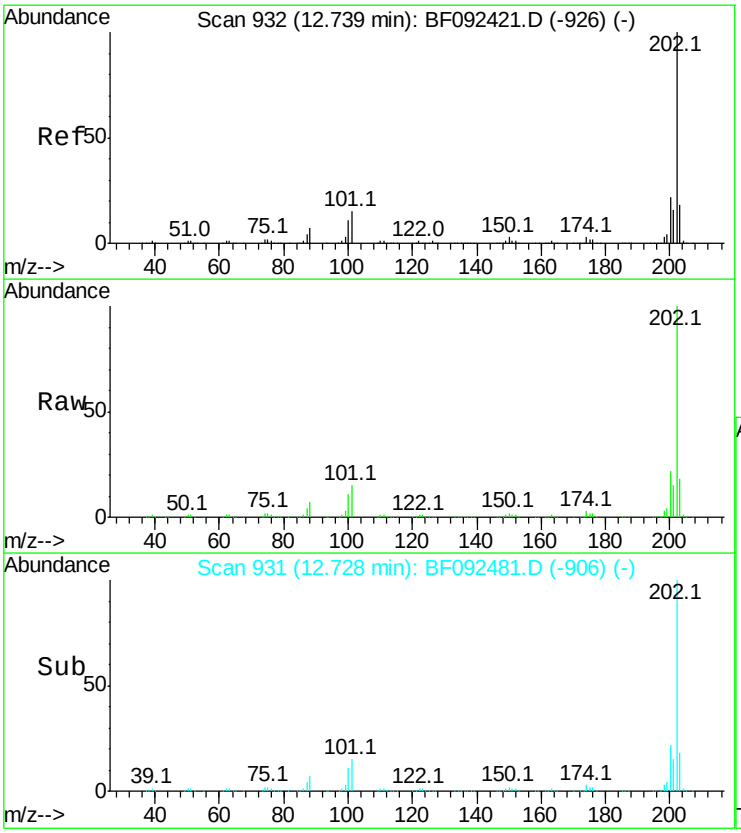
#73
Di-n-butylphthalate
Concen: 37.60 ng
RT: 12.08 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1449735

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.0	4.6	7.0

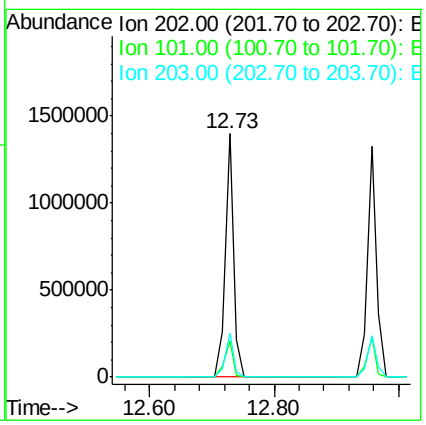


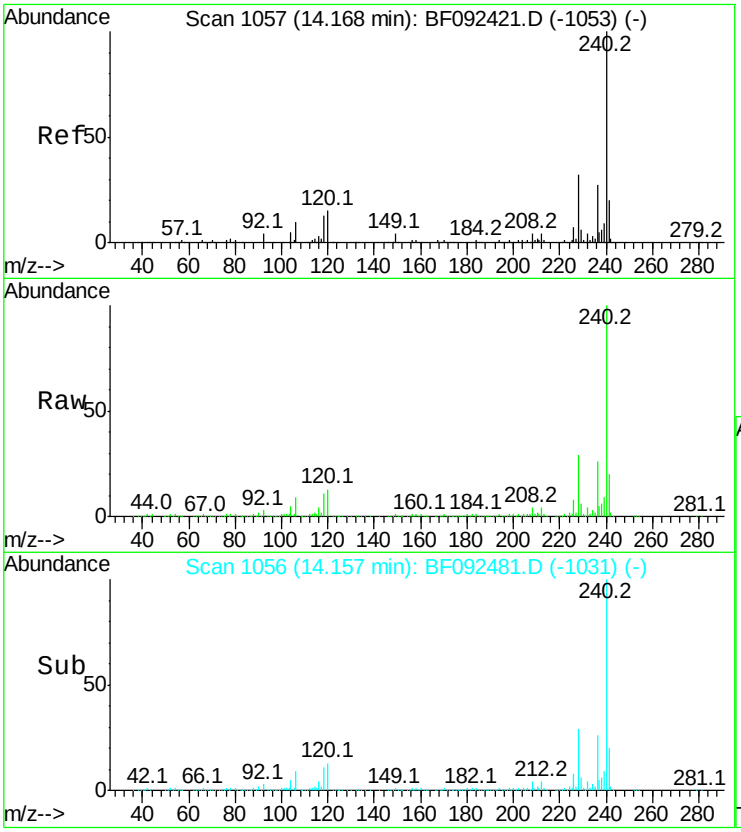


#74
Fluoranthene
Concen: 36.86 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:202 Resp: 1303061

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.6
203	17.8	0.0	38.7



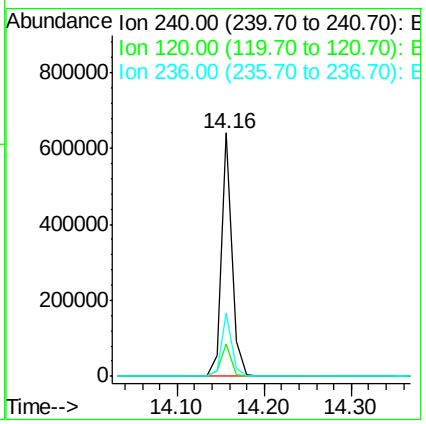


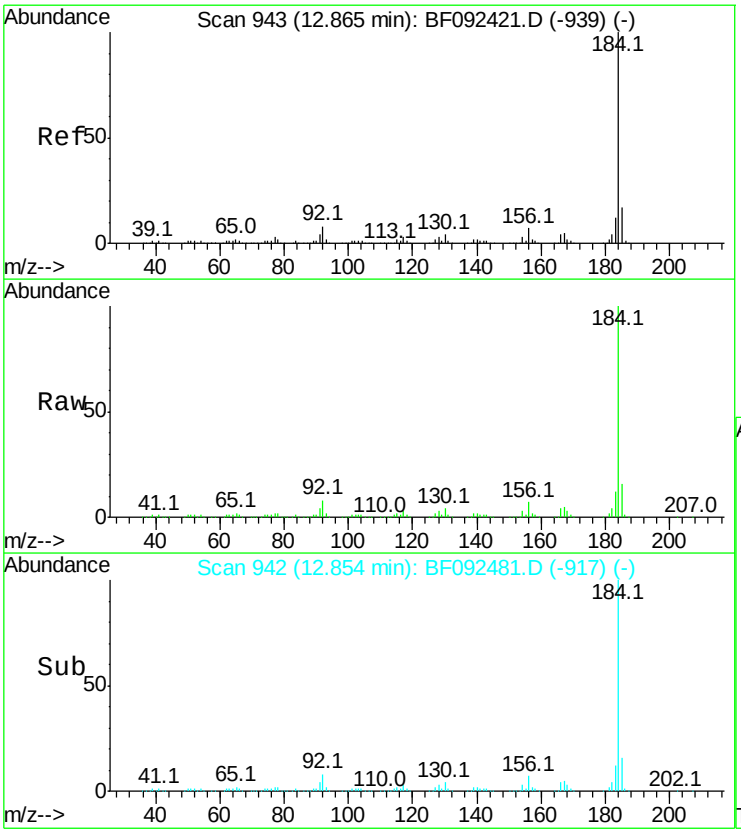
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:240 Resp: 546437

Ion	Ratio	Lower	Upper
240	100		
120	13.1	12.9	19.3
236	26.1	20.9	31.3

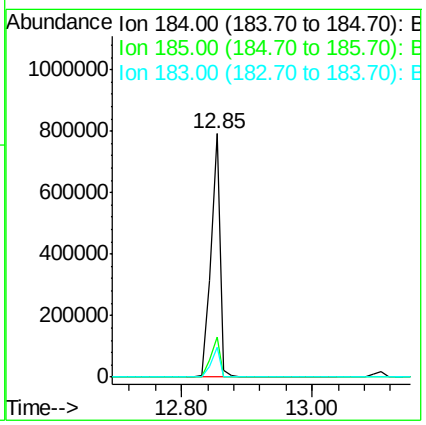


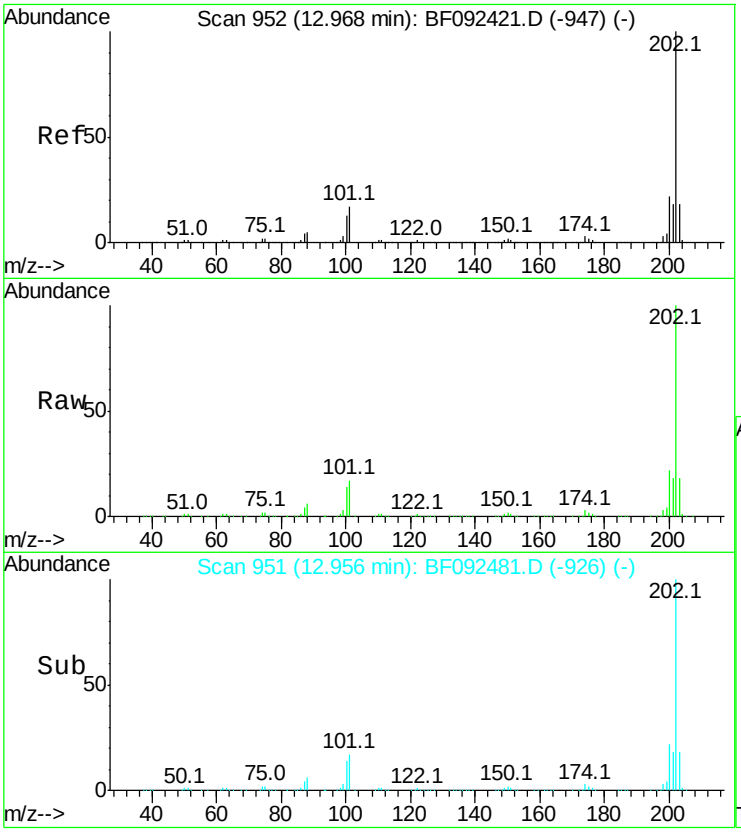


#76
Benzidine
Concen: 39.04 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:184 Resp: 791885

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.4	20.0
183	12.1	9.2	13.8



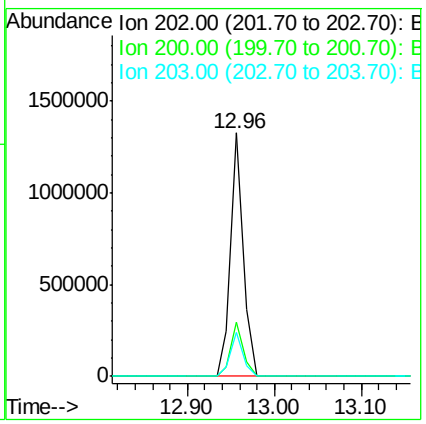


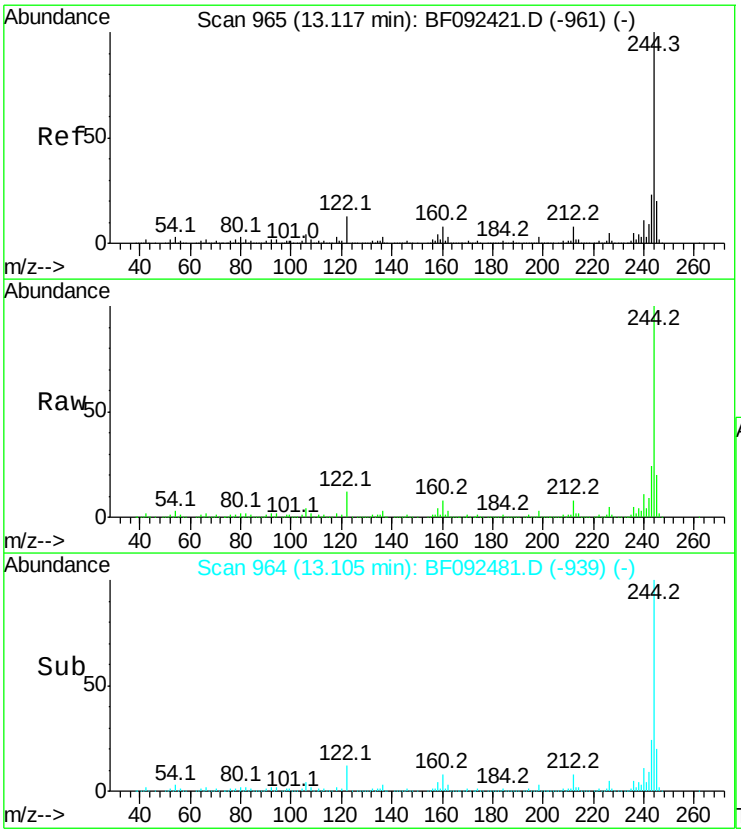
#77
Pyrene
Concen: 33.81 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 1338688

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.1	14.7	22.1

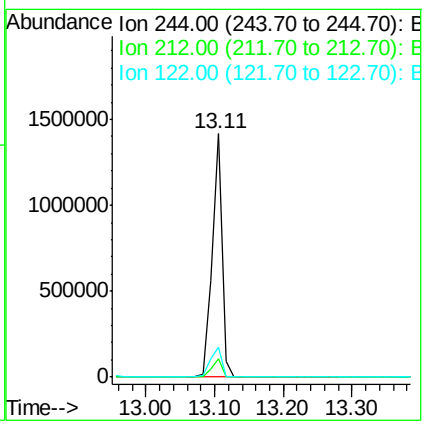


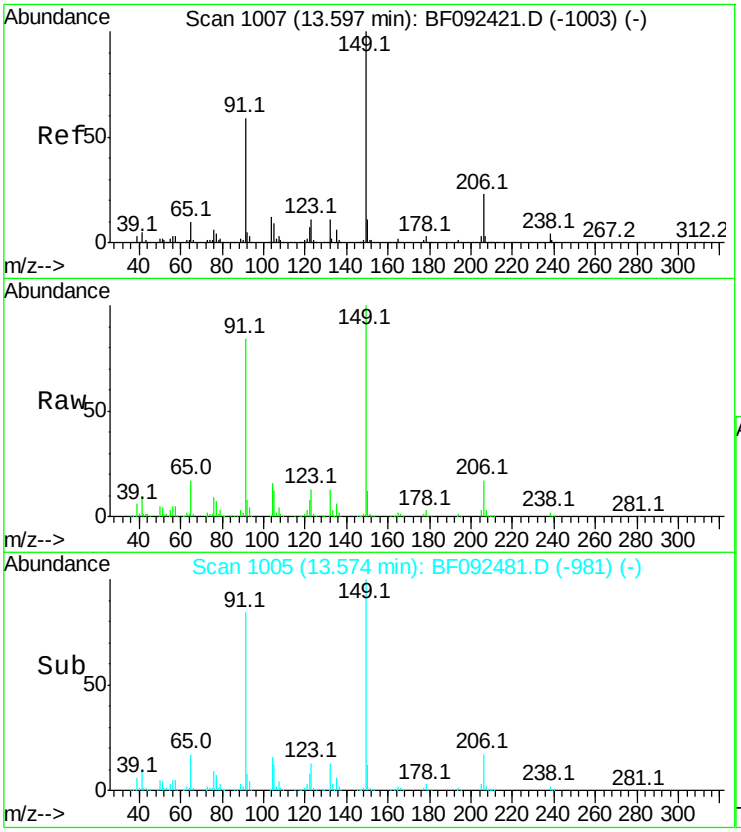


#78
Terphenyl-d14
Concen: 70.35 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:244 Resp: 1443734

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.3	11.4	17.2



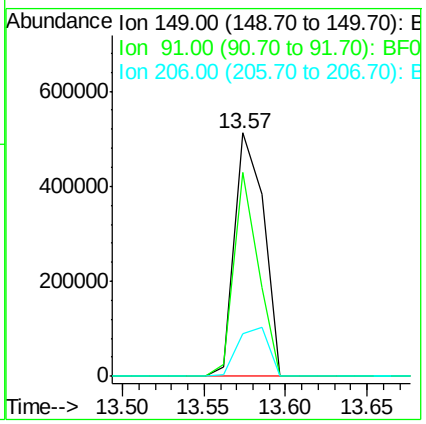


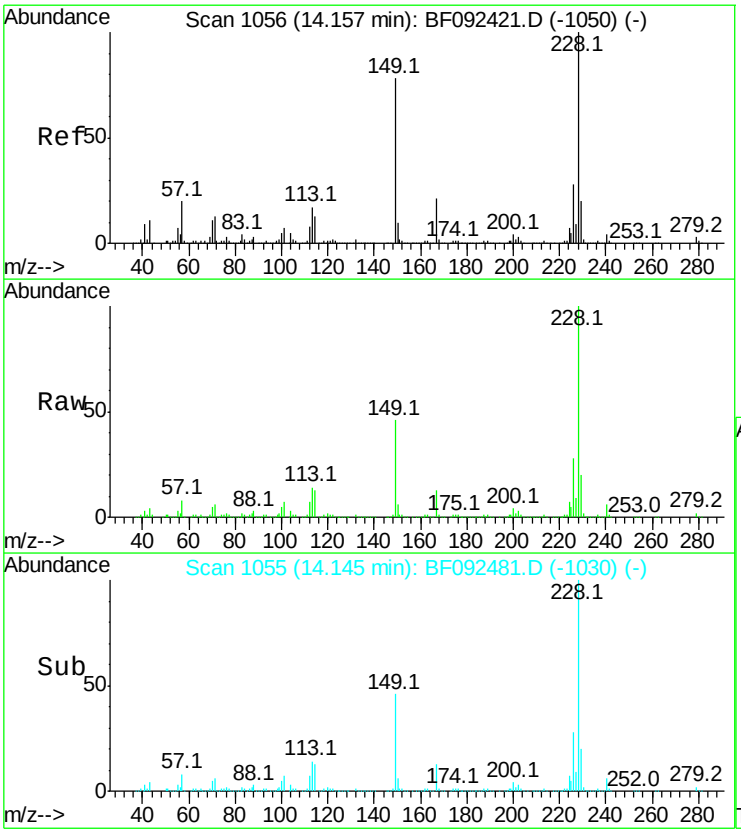
#79
Butylbenzylphthalate
Concen: 39.23 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 629213

Ion	Ratio	Lower	Upper
149	100		
91	83.7	63.9	95.9
206	17.4	14.6	21.8

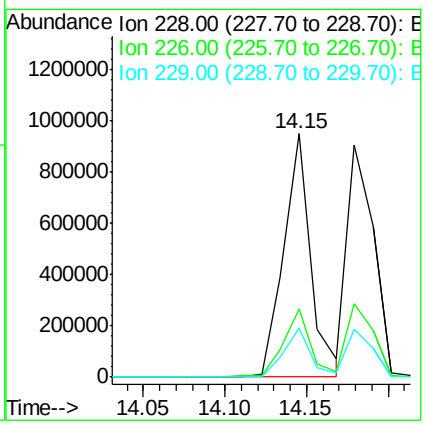


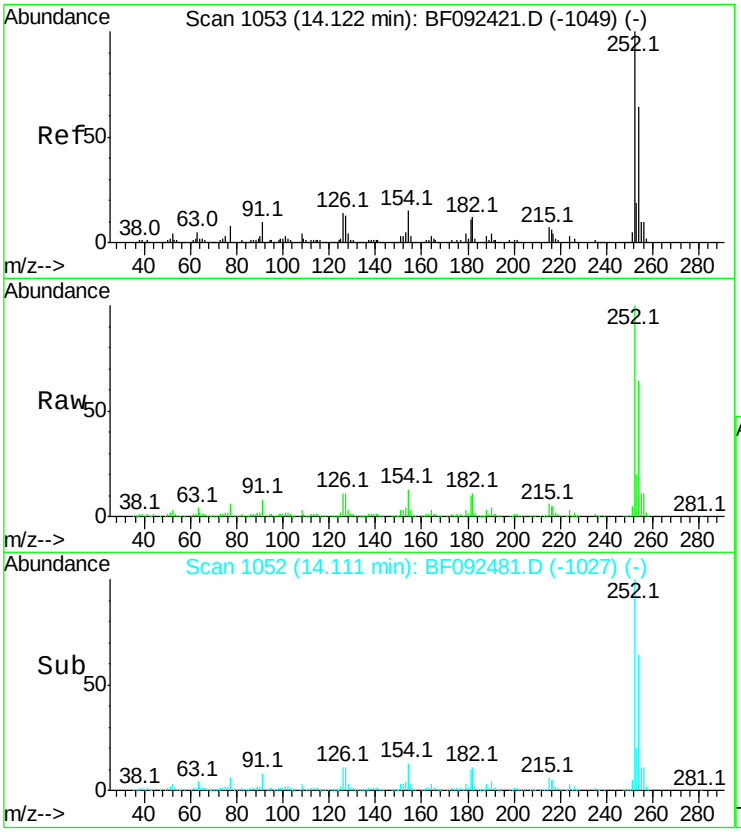


#80
Benzo(a)anthracene
Concen: 37.61 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:228 Resp: 1104459

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.9	16.2	24.4



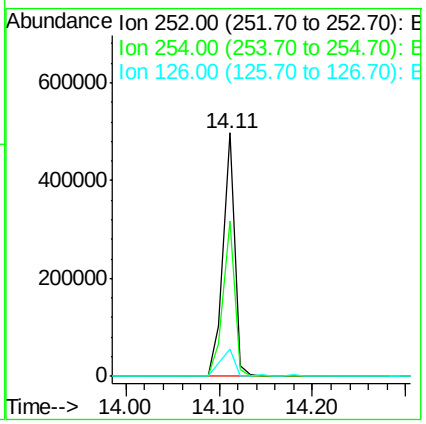


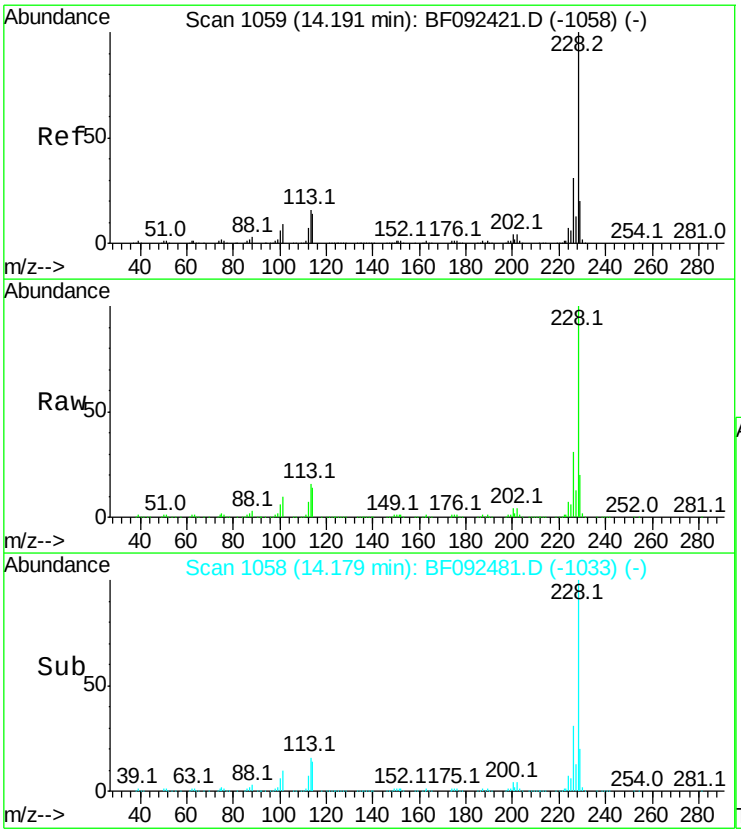
#81
3,3'-Dichlorobenzidine
Concen: 38.81 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 432769

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	11.3	13.6	20.4#

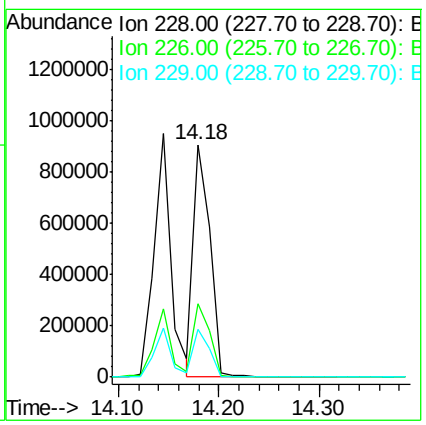


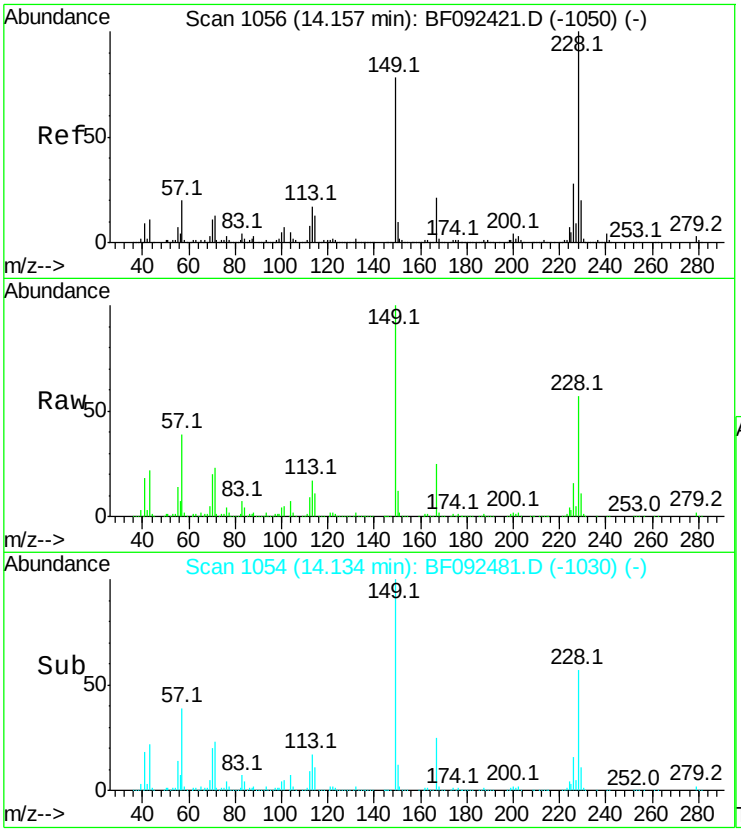


#82
Chrysene
Concen: 33.41 ng
RT: 14.18 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:228 Resp: 1047687

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.3	16.2	24.2



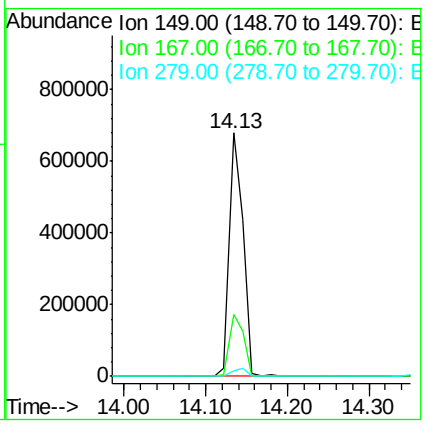


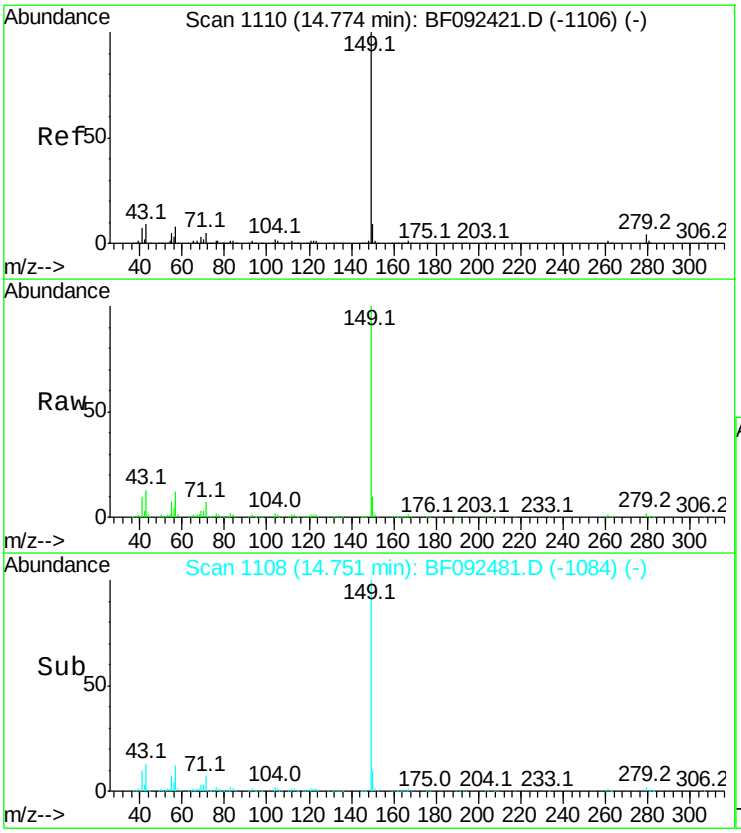
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.32 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 794317

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.2	30.4
279	2.1	1.8	2.8

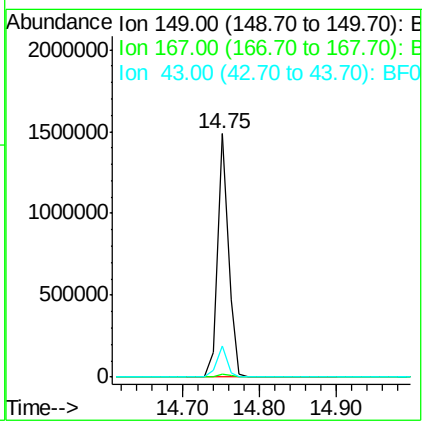


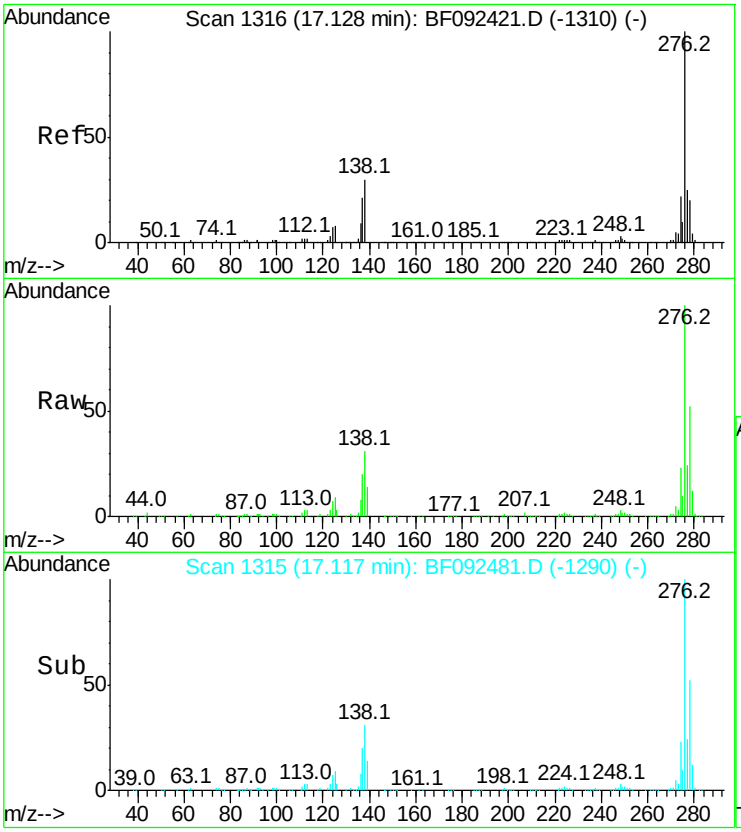


#84
Di-n-octyl phthalate
Concen: 40.18 ng
RT: 14.75 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:149 Resp: 1473411

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.5	8.9	13.3



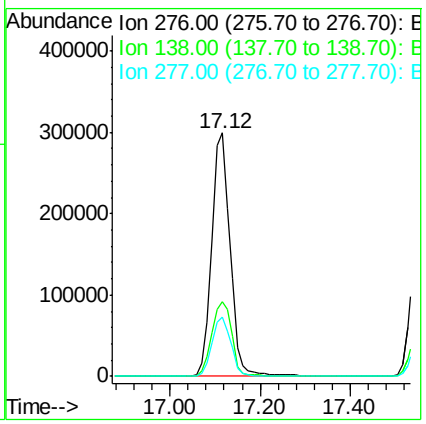


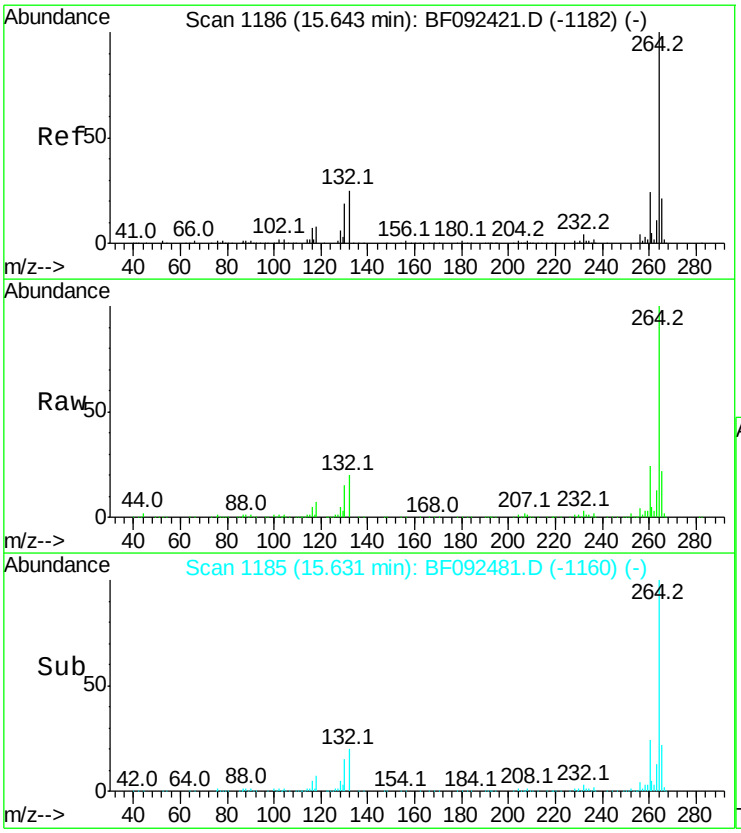
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.89 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 855935

Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6#
277	25.0	20.2	30.4

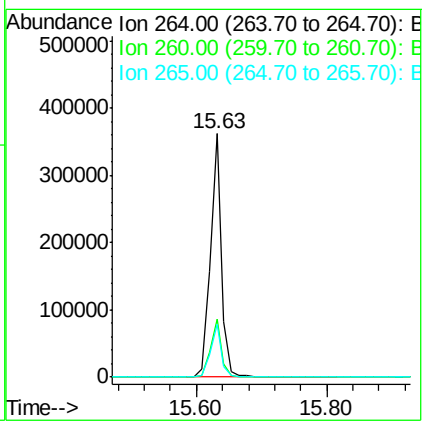


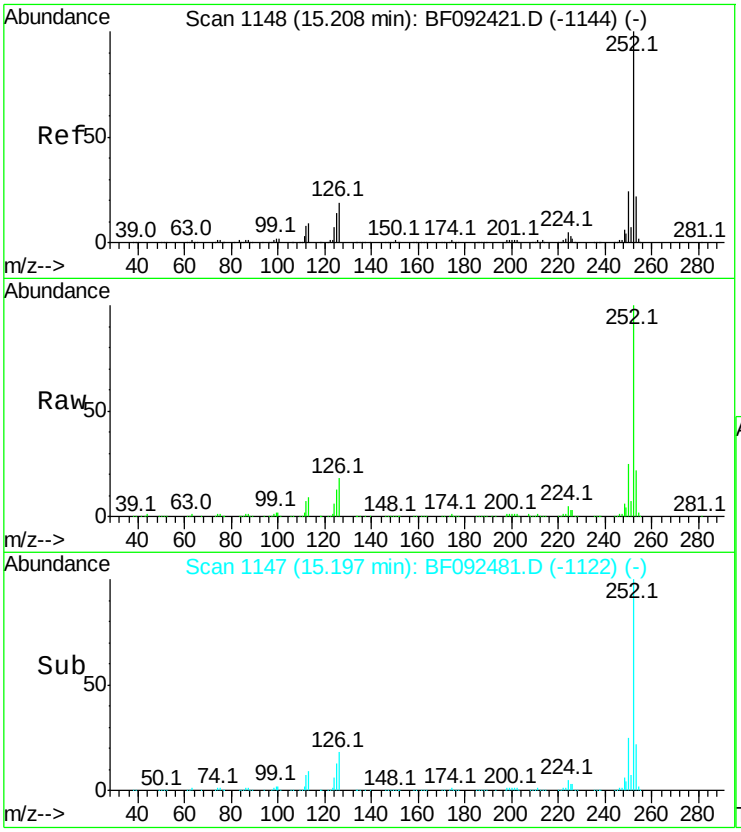


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:264 Resp: 435325

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.4	26.0



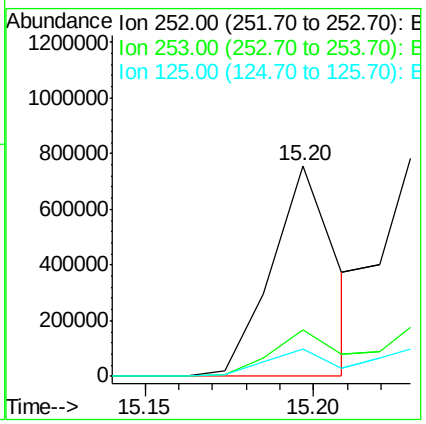


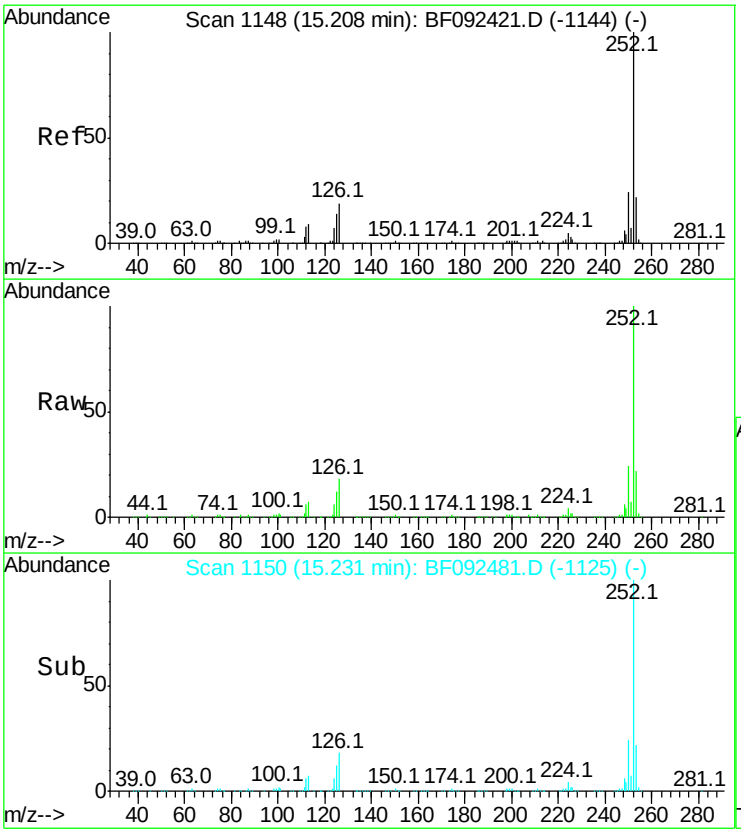
#87
Benzo(b)fluoranthene
Concen: 35.51 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 992417

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.0	9.8	14.6

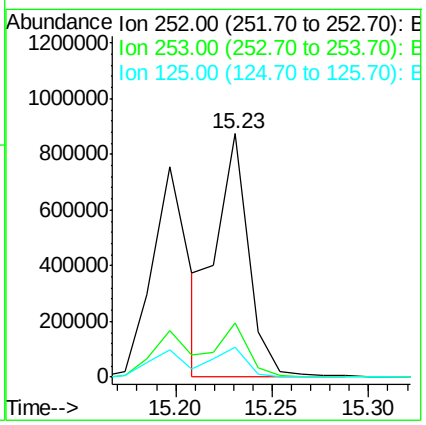


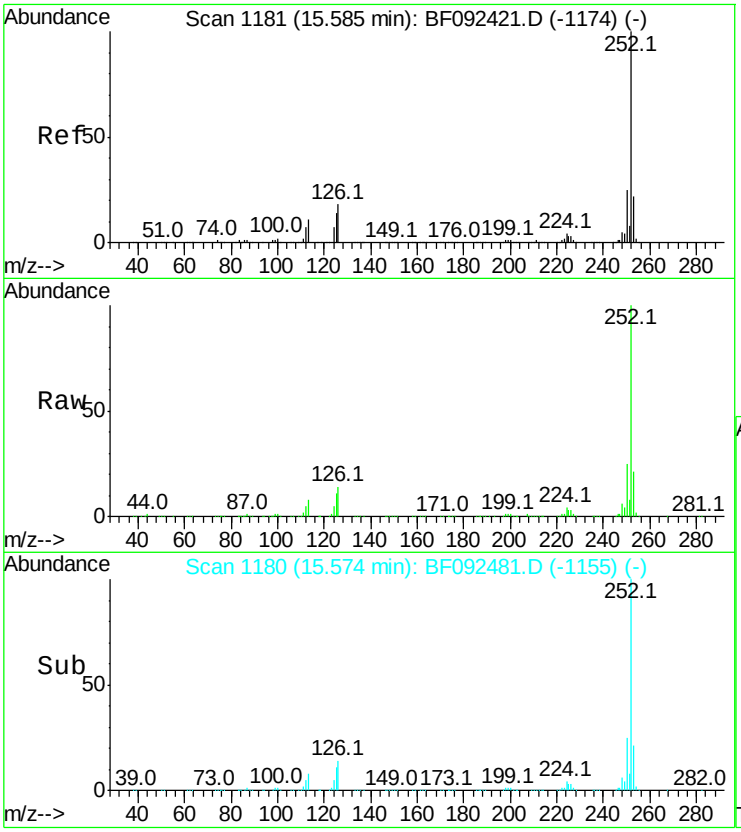


#88
Benzo(k)fluoranthene
Concen: 43.62 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:252 Resp: 1013617

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	12.1	8.9	13.3



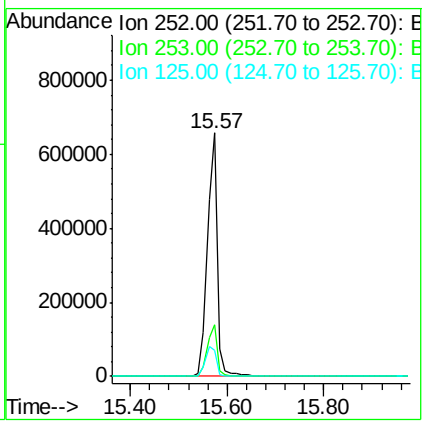


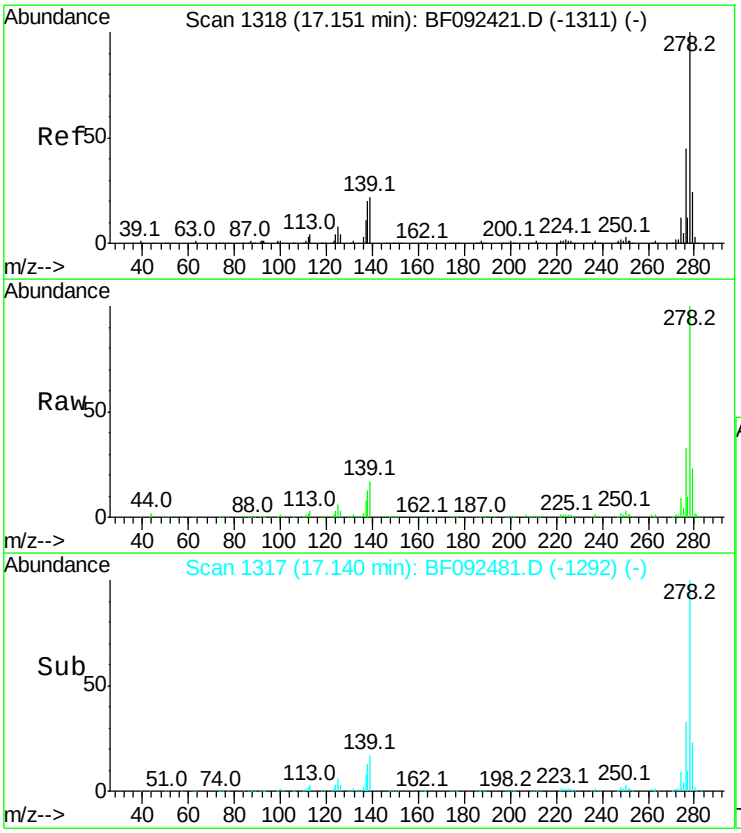
#89
Benzo(a)pyrene
Concen: 40.12 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 948559

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	10.5	10.0	15.0

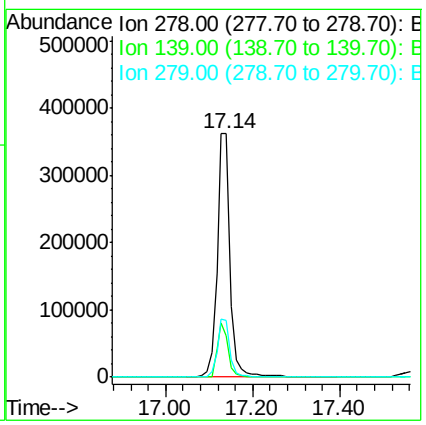


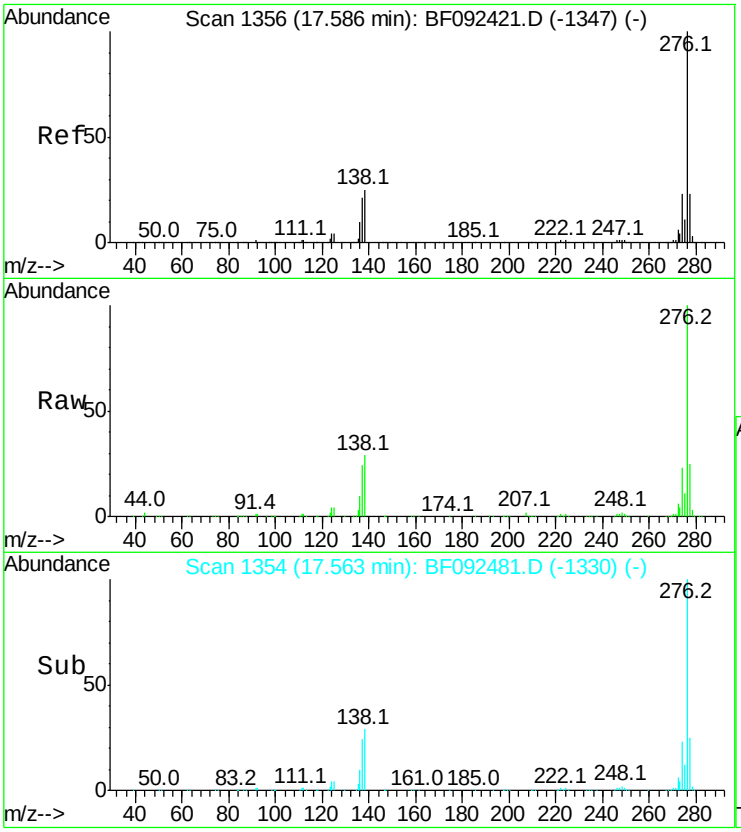


#90
Dibenzo(a,h)anthracene
Concen: 39.63 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Tgt Ion:278 Resp: 757640

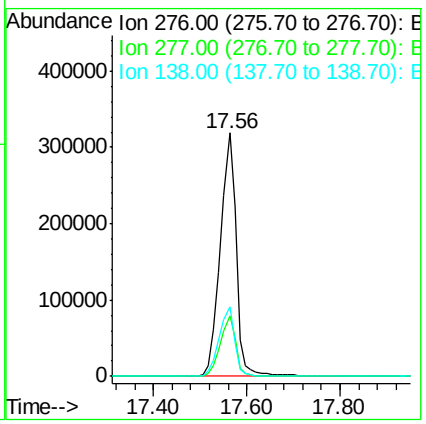
Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.8	22.2
279	23.4	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 38.30 ng
RT: 17.56 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF092481.D
Acq: 25 Jan 2017 17:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 740453

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	28.8	16.0	24.0#