Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
Data File : BF082770.D
Acq On : 6 Nov 2015 19:29
Operator : UM/IZ
Sample : PB86463BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86463BS

Quant Time: Nov 07 03:06:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	254508	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	780455	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	392907	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	925296	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	520709	20.00	ng		-0.01
86) Perylene-d12	15.44	264	485811	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1678084	102.59	ng		0.01
7) Phenol-d6	6.49	99	2190250	100.72	ng		0.01
23) Nitrobenzene-d5	7.41	82	1310529	73.07	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	504036	111.88	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2186099	79.74	ng		0.00
78) Terphenyl-d14	12.96	244	1796266	81.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	196439	27.83	ng		95
3) Pyridine	3.21	79	650923	31.78	ng		96
4) n-Nitrosodimethylamine	3.15	42	299220	29.46	ng	#	74
6) Aniline	6.51	93	822132	26.93	ng		95
8) 2-Chlorophenol	6.64	128	643829	35.51	ng		90
9) Benzaldehyde	6.38	77	71490	5.95	ng		94
10) Phenol	6.50	94	911212	36.93	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	676090	36.64	ng		85
12) 1,3-Dichlorobenzene	6.86	146	631998	30.90	ng		93
13) 1,4-Dichlorobenzene	6.86	146	631998	29.70	ng		97
14) 1,2-Dichlorobenzene	7.02	146	646933	33.43	ng		99
15) Benzyl Alcohol	6.99	79	583048	30.53	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	897294	33.15	ng		96
17) 2-Methylphenol	7.10	107	493001	32.10	ng		98
18) Hexachloroethane	7.37	117	222458	29.23	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	452999	28.34	ng	#	77
20) 3+4-Methylphenols	7.26	107	607858	30.44	ng		96
22) Acetophenone	7.26	105	799718	35.76	ng	#	91
24) Nitrobenzene	7.44	77	695535	37.92	ng		98
25) Isophorone	7.68	82	1254185	37.79	ng		97
26) 2-Nitrophenol	7.76	139	293224	38.30	ng	#	53
27) 2,4-Dimethylphenol	7.79	122	484510	35.22	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	730107	39.00	ng		100
29) 2,4-Dichlorophenol	8.00	162	529057	42.55	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	461459	33.00	ng		97
31) Naphthalene	8.16	128	1383568	32.13	ng		99
32) Benzoic acid	7.92	122	335970	35.67	ng		88
33) 4-Chloroaniline	8.20	127	421477	22.71	ng		97
34) Hexachlorobutadiene	8.28	225	282316	32.26	ng		100
35) Caprolactam	8.57	113	160657	40.99	ng	#	89
36) 4-Chloro-3-methylphenol	8.69	107	587901	40.21	ng		89
37) 2-Methylnaphthalene	8.85	142	1162936	41.75	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	473380	36.66	ng		99
40) Hexachlorocyclopentadiene	9.01	237	585137	84.35	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
Data File : BF082770.D
Acq On : 6 Nov 2015 19:29
Operator : UM/IZ
Sample : PB86463BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86463BS

Quant Time: Nov 07 03:06:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	330653	34.31	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	355857	37.33	ng	#	90
45) 1,1'-Biphenyl	9.32	154	1309047	38.83	ng		97
46) 2-Chloronaphthalene	9.33	162	1051111	39.97	ng		95
47) 2-Nitroaniline	9.42	65	366224	37.54	ng		91
48) Acenaphthylene	9.76	152	1612901	39.13	ng		99
49) Dimethylphthalate	9.62	163	1331302	41.36	ng		99
50) 2,6-Dinitrotoluene	9.68	165	307350	44.75	ng		86
51) Acenaphthene	9.93	154	1103787	42.26	ng		100
52) 3-Nitroaniline	9.84	138	193609	25.63	ng		87
53) 2,4-Dinitrophenol	9.95	184	317191	84.11	ng	#	17
54) Dibenzofuran	10.10	168	1485481	42.18	ng		93
55) 4-Nitrophenol	10.01	139	418354	72.19	ng	#	80
56) 2,4-Dinitrotoluene	10.08	165	380310	40.81	ng		99
57) Fluorene	10.44	166	1158544	40.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	285041	36.64	ng	#	92
59) Diethylphthalate	10.32	149	1214793	38.65	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	521987	36.58	ng	#	86
61) 4-Nitroaniline	10.45	138	251108	33.05	ng	#	84
62) Azobenzene	10.59	77	1355970	40.16	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	205162	31.12	ng		93
65) n-Nitrosodiphenylamine	10.56	169	1057139	31.62	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	320310	28.75	ng	#	75
67) Hexachlorobenzene	10.99	284	419258	33.70	ng	#	76
68) Atrazine	11.08	200	403015	38.99	ng		96
69) Pentachlorophenol	11.18	266	548384	72.59	ng		99
70) Phenanthrene	11.40	178	2011428	37.43	ng		100
71) Anthracene	11.45	178	1750376	30.92	ng		100
72) Carbazole	11.60	167	1447826	29.22	ng		98
73) Di-n-butylphthalate	11.94	149	1338898	21.69	ng		99
74) Fluoranthene	12.58	202	1303438	22.60	ng		98
76) Benzidine	12.70	184	588098	33.70	ng		98
77) Pyrene	12.81	202	1326597	37.10	ng		99
79) Butylbenzylphthalate	13.44	149	772356	48.89	ng		94
80) Benzo(a)anthracene	14.00	228	1268054	38.94	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	350644	30.29	ng	#	98
82) Chrysene	14.04	228	1232026	41.31	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	885231	40.94	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1461158	40.51	ng		97
85) Indeno(1,2,3-cd)pyrene	16.82	276	1295509	50.44	ng		97
87) Benzo(b)fluoranthene	15.06	252	2192507	70.31	ng		99
88) Benzo(k)fluoranthene	15.06	252	2192507	79.26	ng	#	98
89) Benzo(a)pyrene	15.38	252	1018224	37.69	ng		99
90) Dibenzo(a,h)anthracene	16.84	278	1081412	47.27	ng		99
91) Benzo(g,h,i)perylene	17.24	276	1217854	55.58	ng	#	96

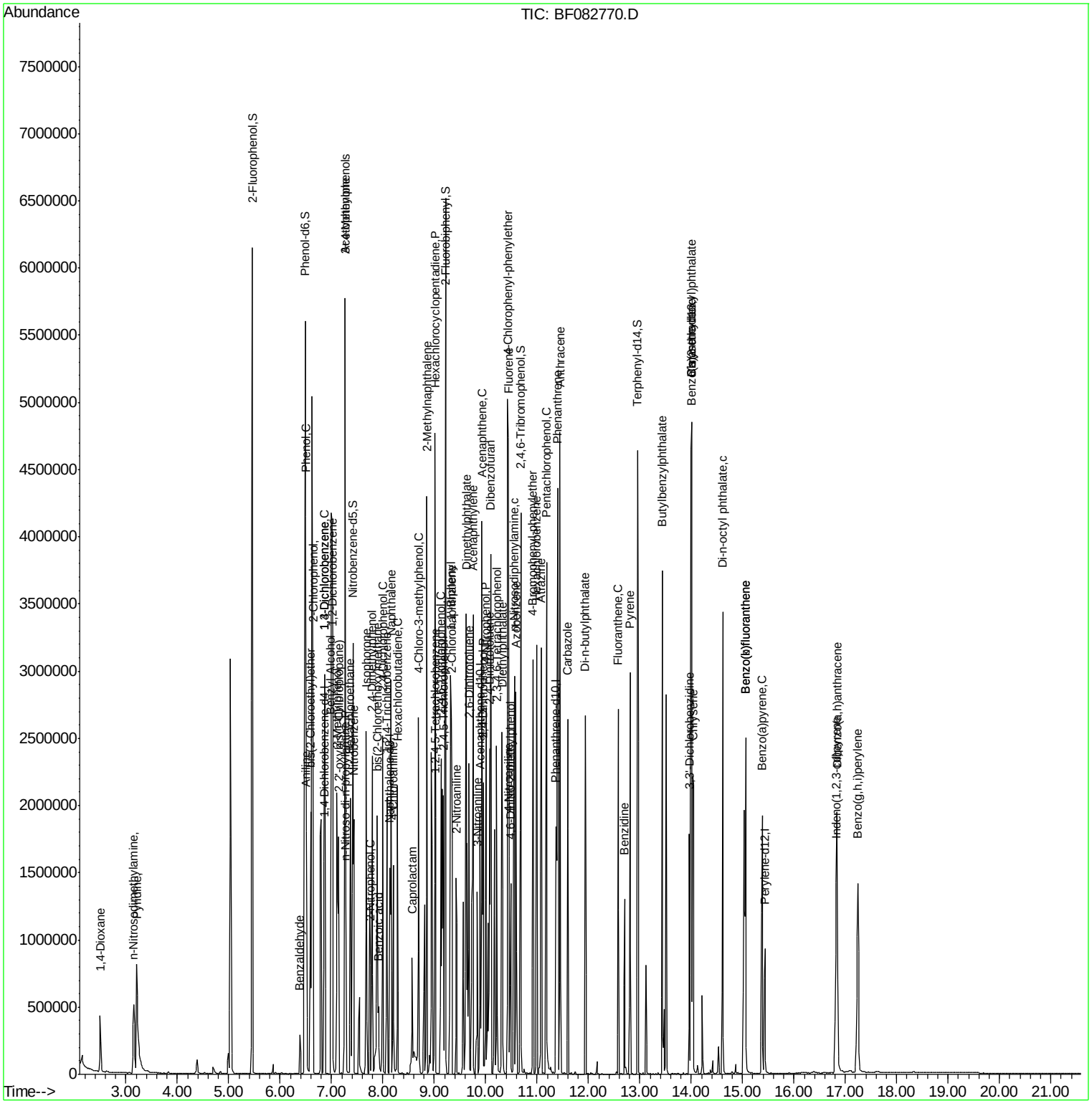
(#) = qualifier out of range (m) = manual integration (+) = signals summed

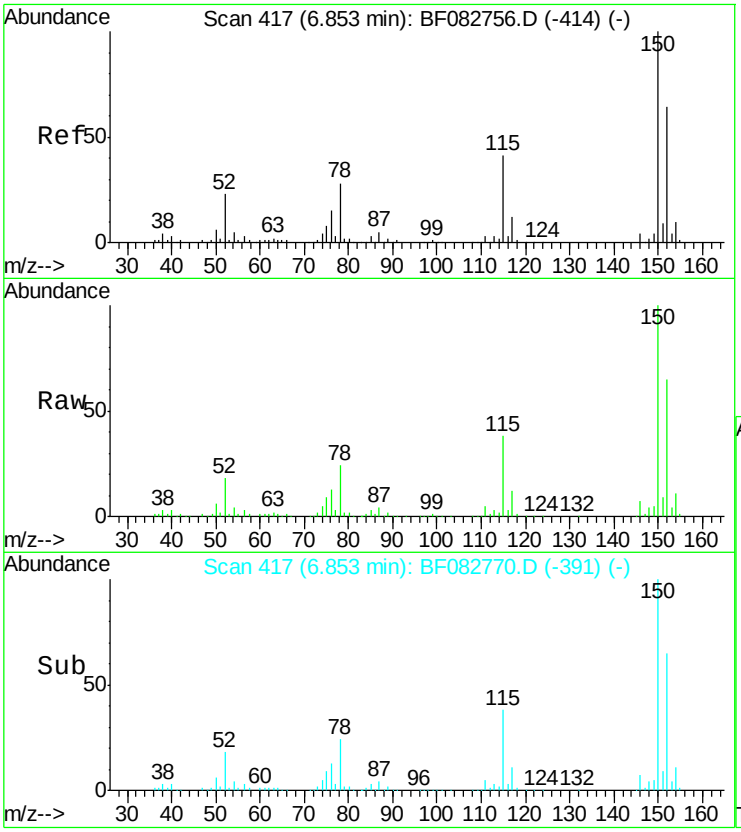
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
Data File : BF082770.D
Acq On : 6 Nov 2015 19:29
Operator : UM/IZ
Sample : PB86463BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Quant Time: Nov 07 03:06:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration



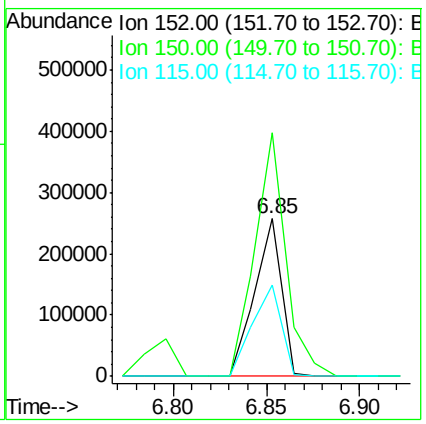


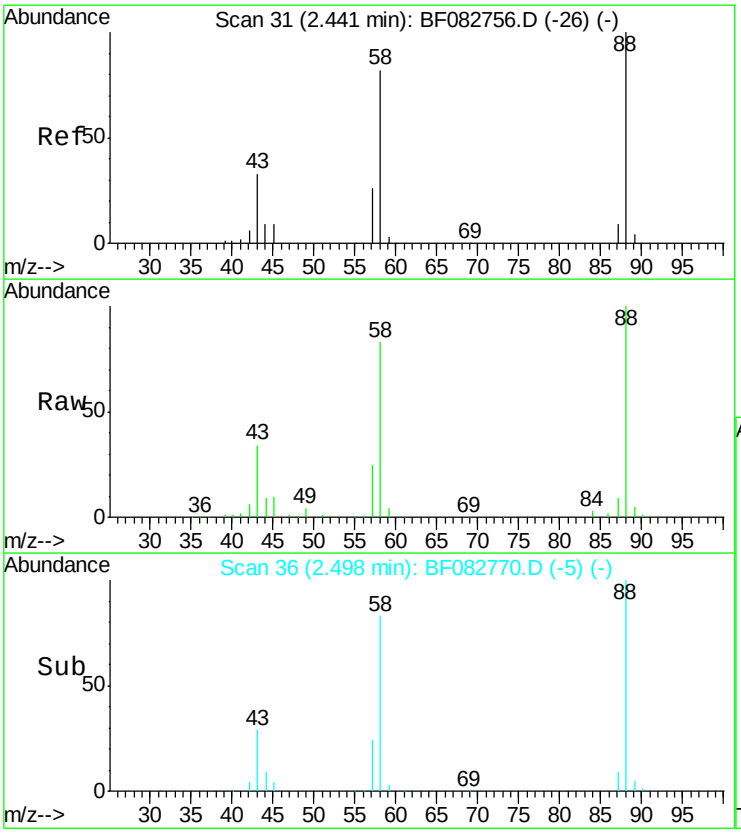
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:152 Resp: 254508

Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.0	190.4
115	58.3	47.0	70.6

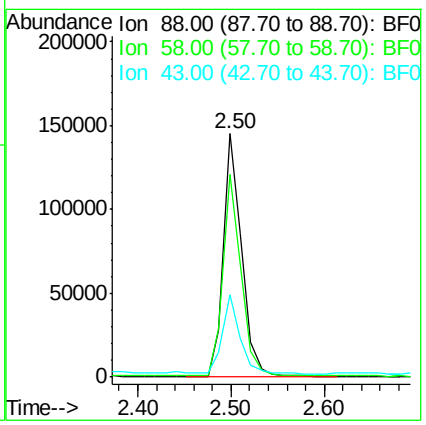


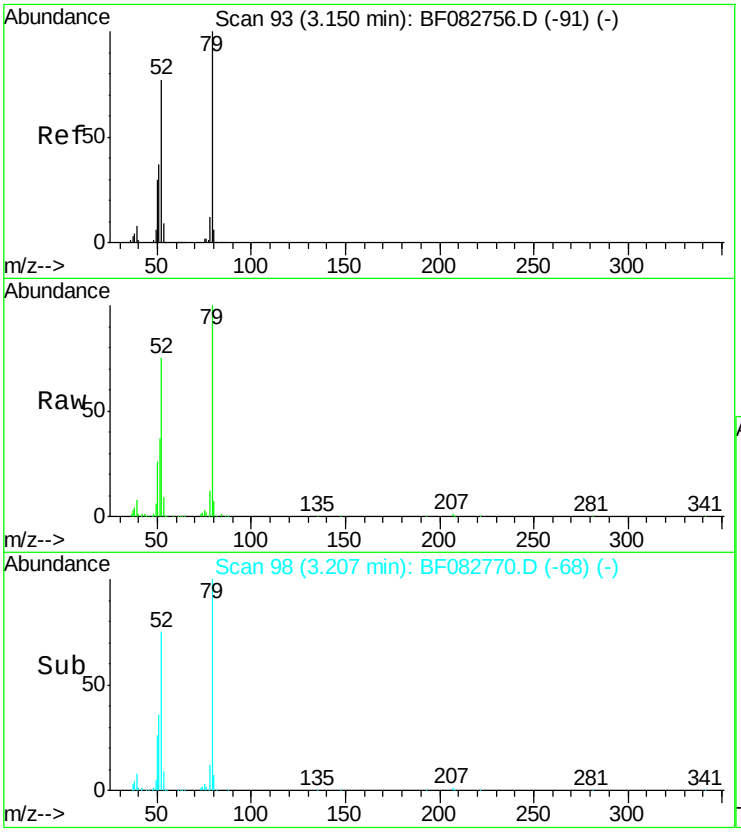


#2
1,4-Dioxane
Concen: 27.83 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.06 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 88 Resp: 196439

Ion	Ratio	Lower	Upper
88	100		
58	82.5	62.0	93.0
43	32.0	26.6	40.0



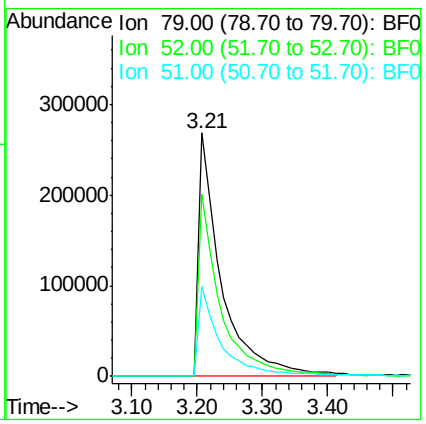


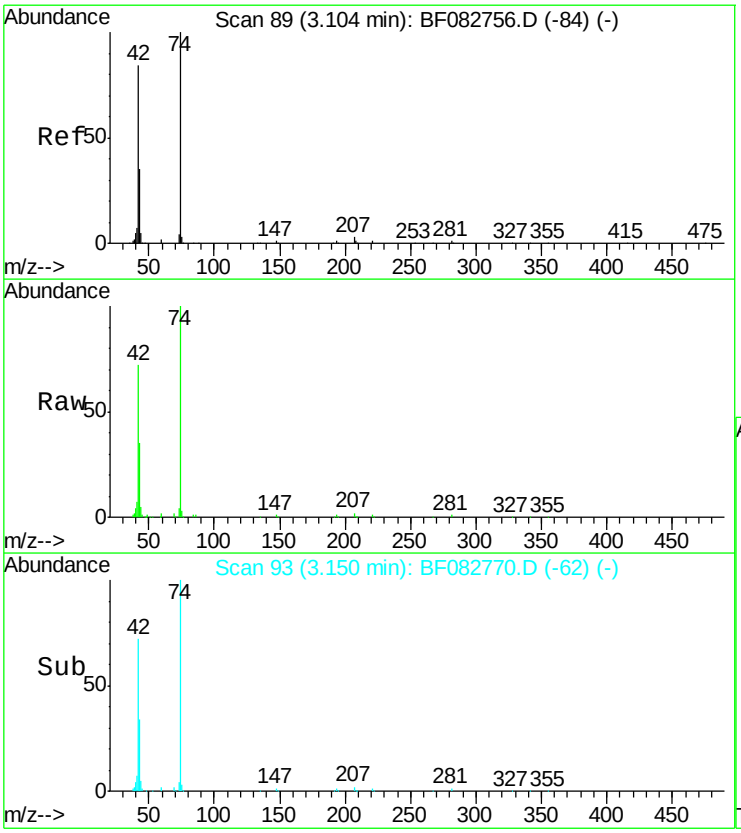
#3
Pyridine
Concen: 31.78 ng
RT: 3.21 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 79 Resp: 650923

Ion	Ratio	Lower	Upper
79	100		
52	74.9	62.8	94.2
51	36.9	32.0	48.0

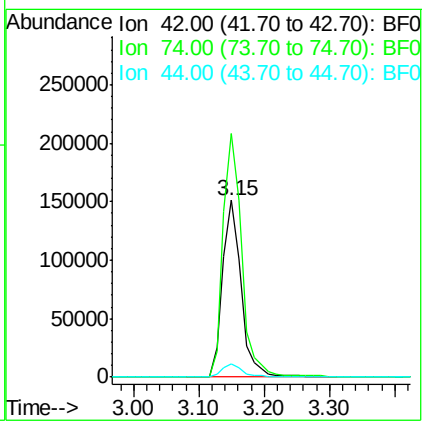


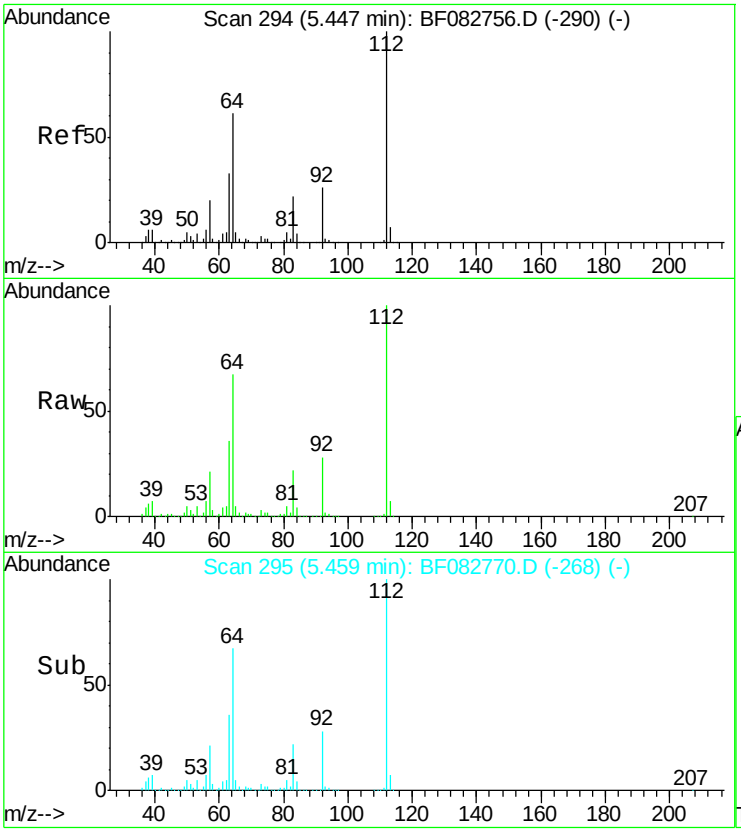


#4
n-Nitrosodimethylamine
Concen: 29.46 ng
RT: 3.15 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 42 Resp: 299220

Ion	Ratio	Lower	Upper
42	100		
74	137.9	87.0	130.4#
44	7.2	5.8	8.8



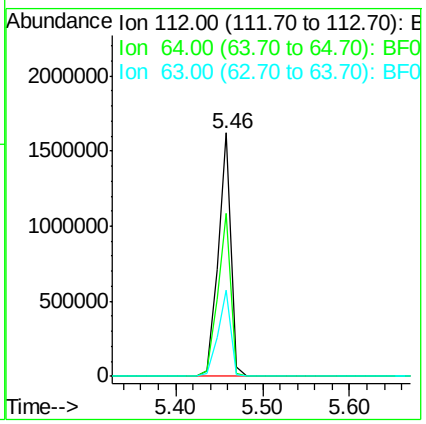


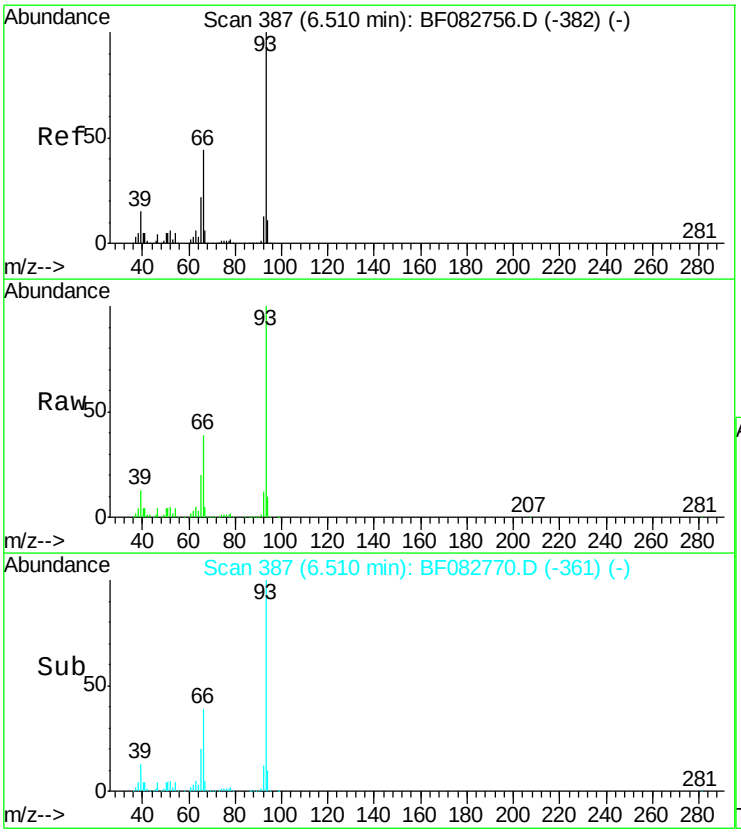
#5
2-Fluorophenol
Concen: 102.59 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:112 Resp: 1678084

Ion	Ratio	Lower	Upper
112	100		
64	67.0	48.9	73.3
63	35.5	28.1	42.1

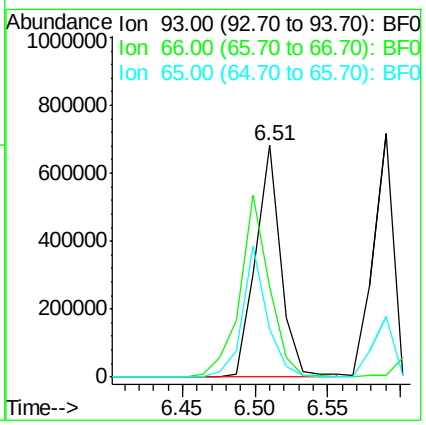


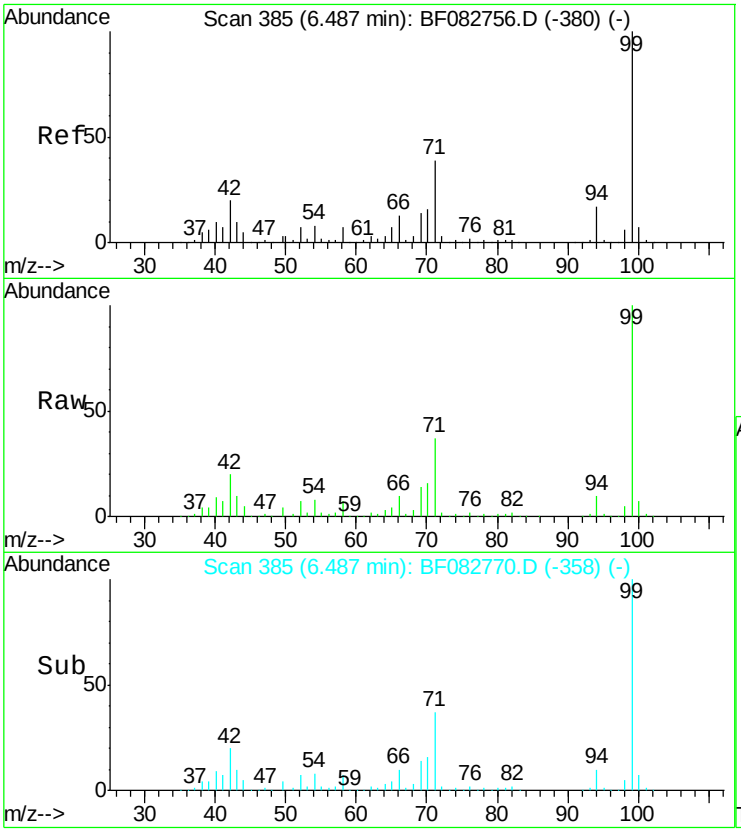


#6
Aniline
Concen: 26.93 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 93 Resp: 822132

Ion	Ratio	Lower	Upper
93	100		
66	39.1	33.6	50.4
65	20.5	18.1	27.1



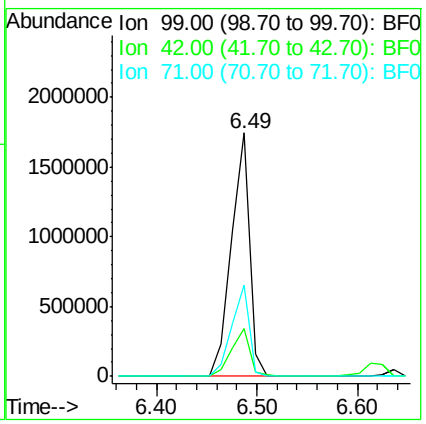


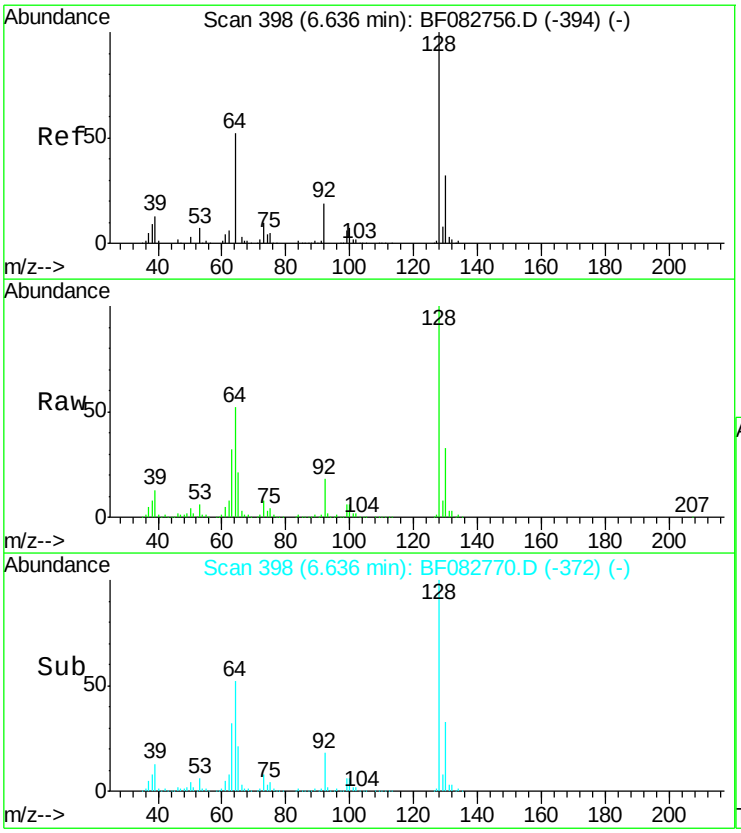
#7
Phenol-d6
Concen: 100.72 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 99 Resp: 2190250

Ion	Ratio	Lower	Upper
99	100		
42	19.7	19.2	28.8
71	37.5	35.0	52.4

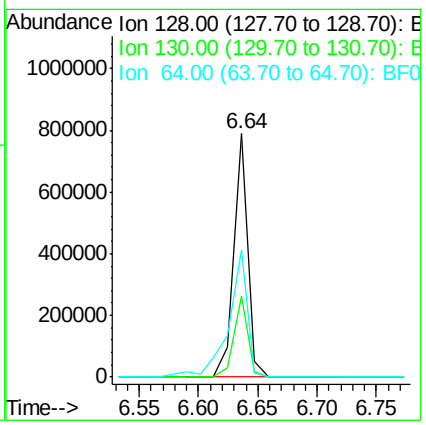


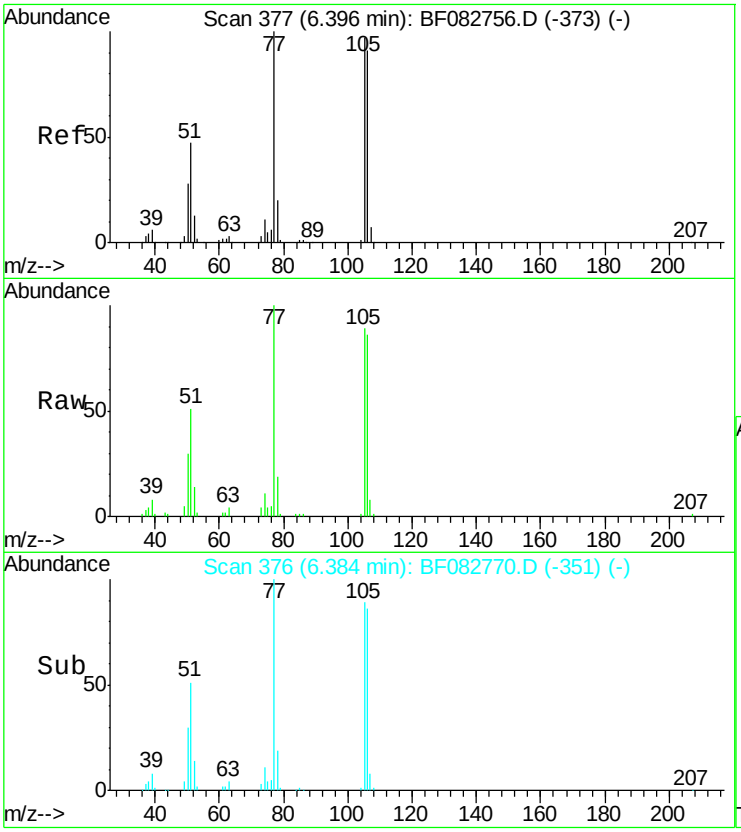


#8
2-Chlorophenol
Concen: 35.51 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:128 Resp: 643829

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.5	53.5
64	52.3	21.1	61.1



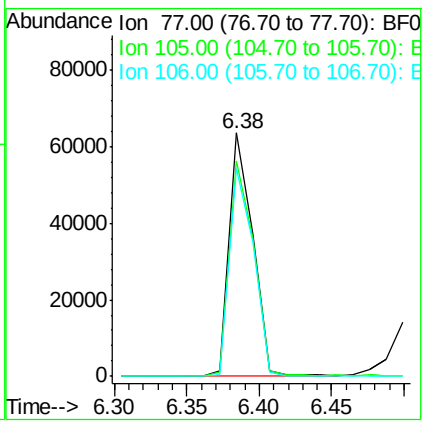


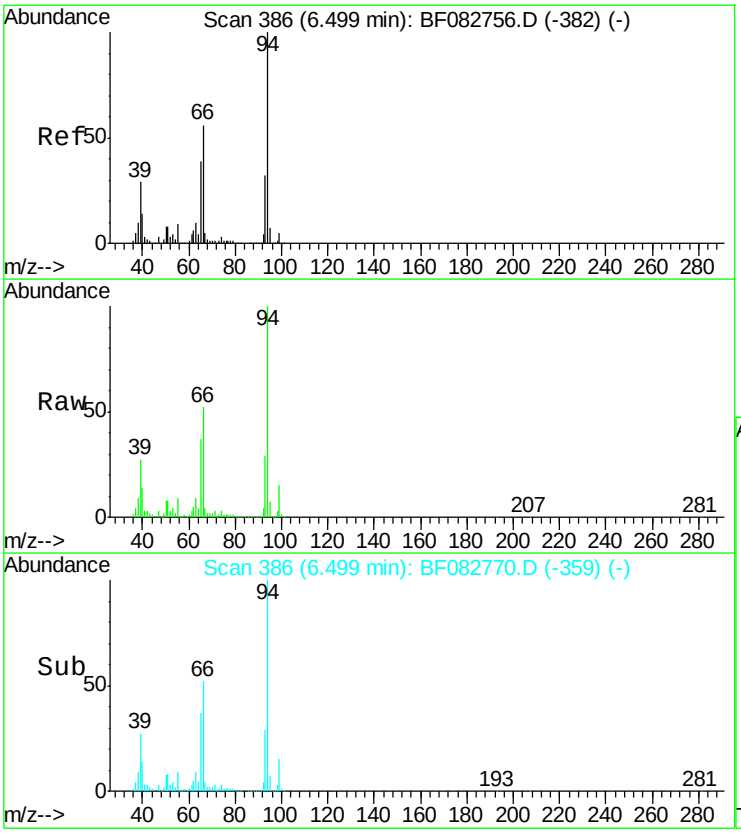
#9
Benzaldehyde
Concen: 5.95 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 77 Resp: 71490

Ion	Ratio	Lower	Upper
77	100		
105	88.7	63.5	103.5
106	85.6	59.3	99.3

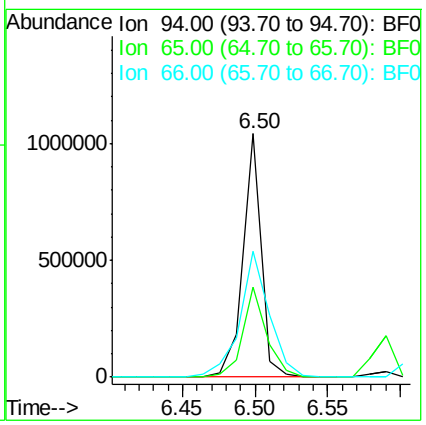


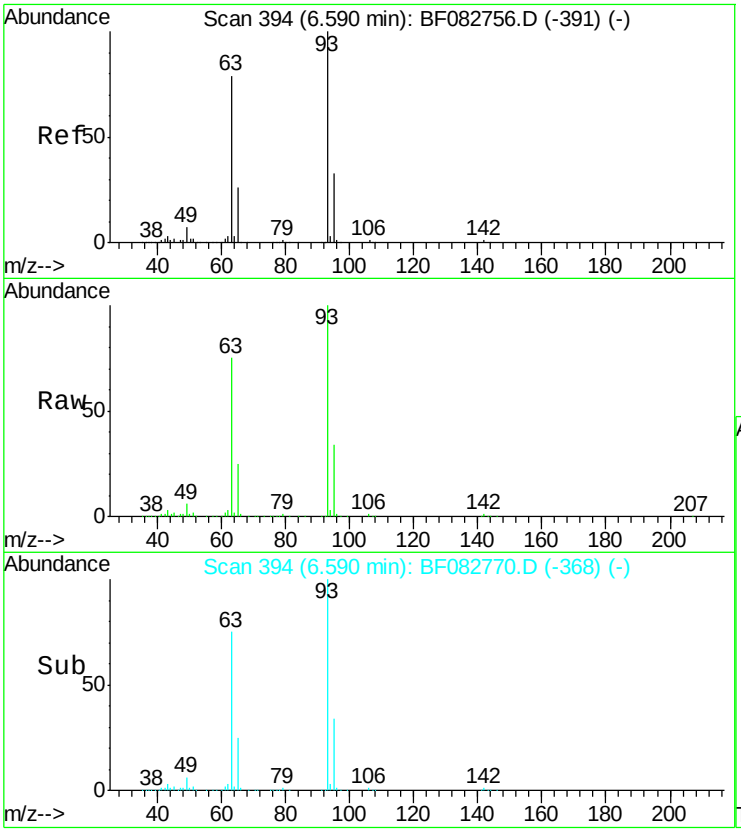


#10
Phenol
Concen: 36.93 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 94 Resp: 911212

Ion	Ratio	Lower	Upper
94	100		
65	36.9	18.9	58.9
66	51.5	34.9	74.9



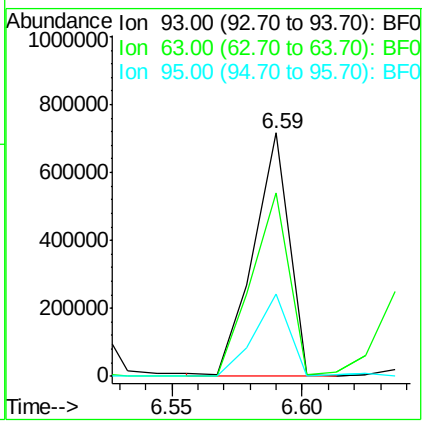


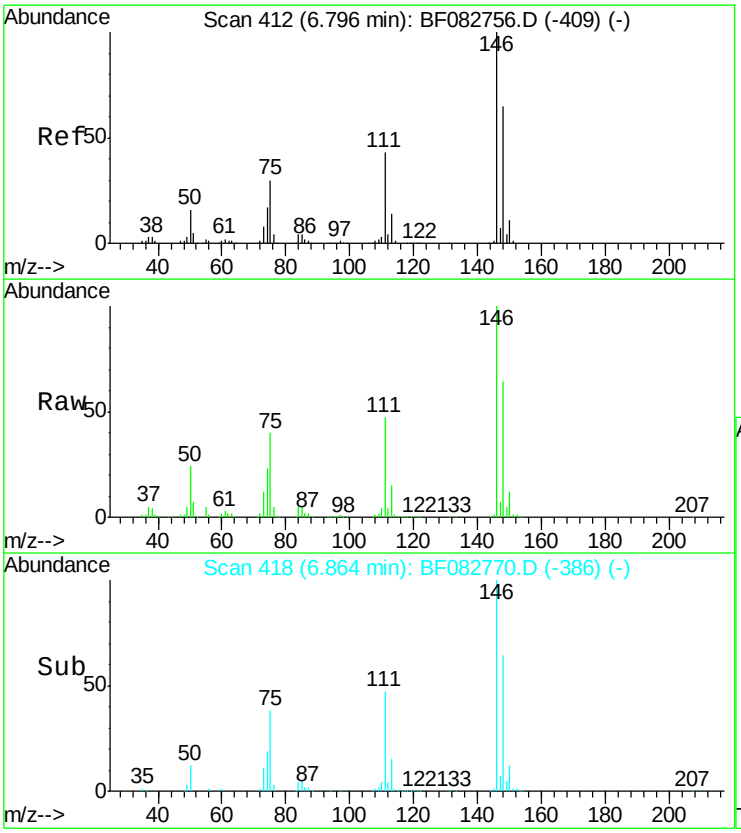
#11
bis(2-Chloroethyl)ether
Concen: 36.64 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 93 Resp: 676090

Ion	Ratio	Lower	Upper
93	100		
63	75.1	72.7	112.7
95	34.1	12.0	52.0

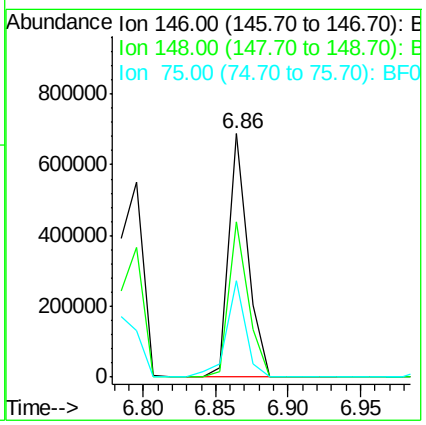


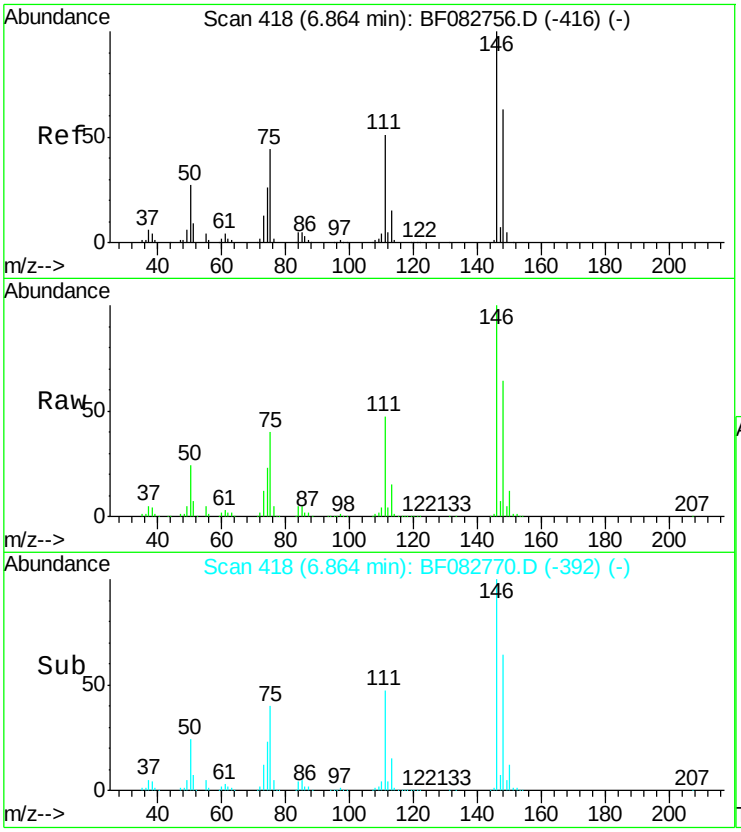


#12
1,3-Dichlorobenzene
Concen: 30.90 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.07 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:146 Resp: 631998

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
75	39.8	39.5	59.3



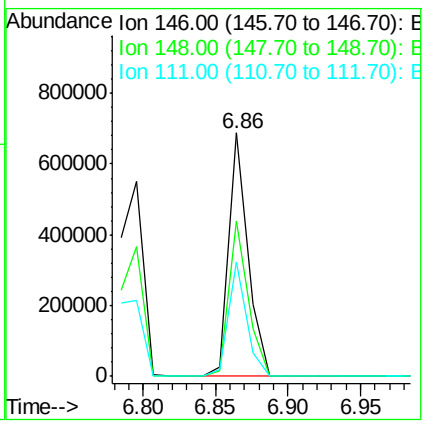


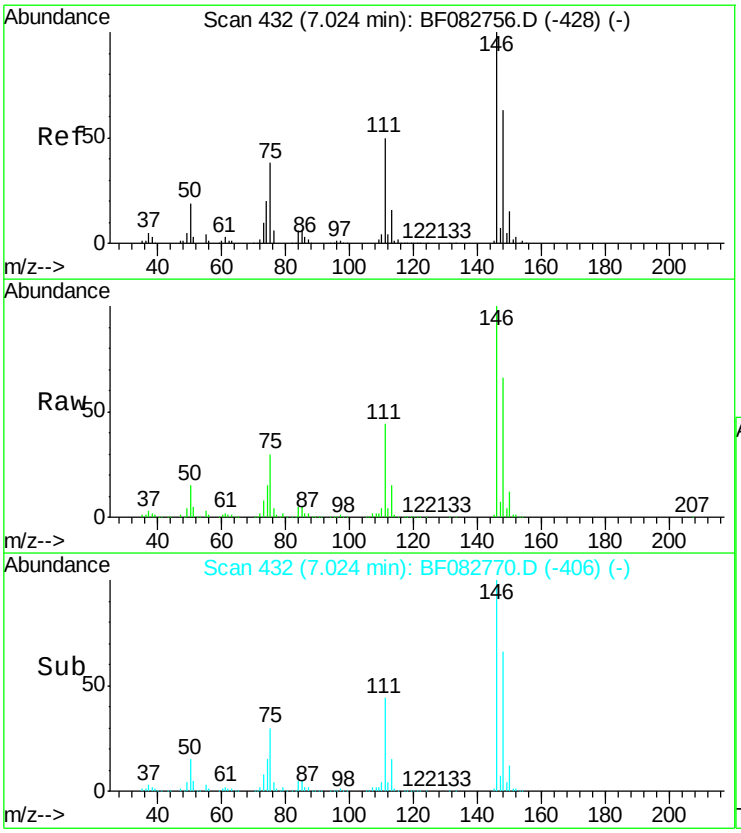
#13
1,4-Dichlorobenzene
Concen: 29.70 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:146 Resp: 631998

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	47.0	40.6	60.8

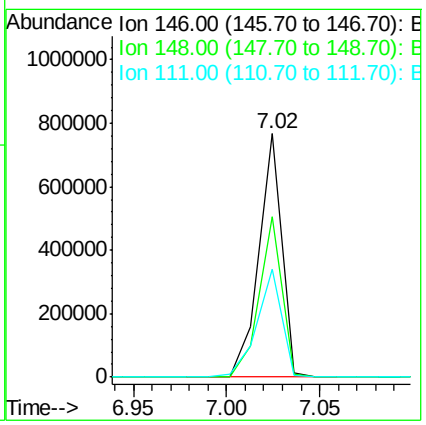


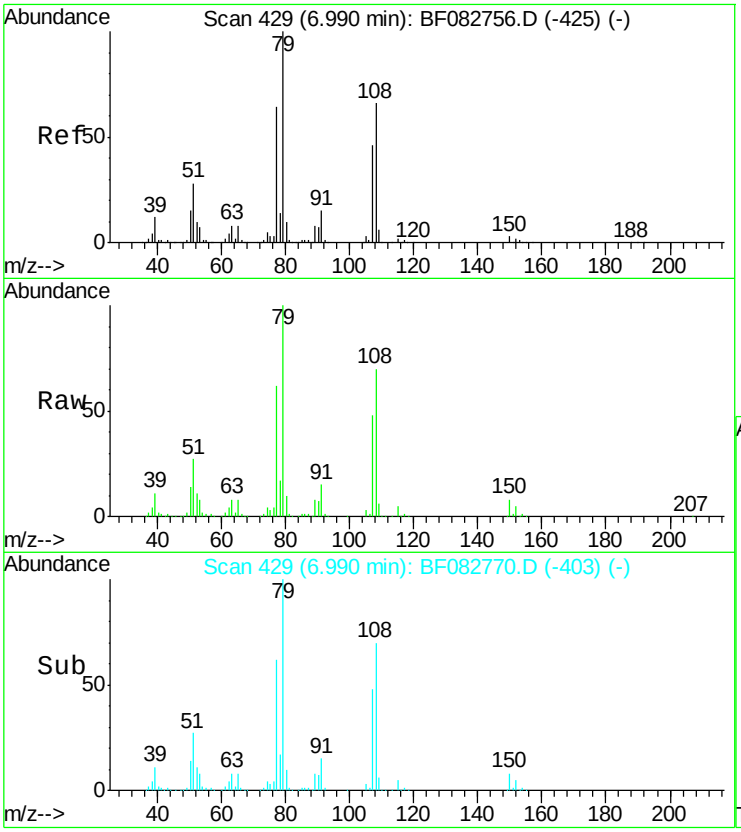


#14
1,2-Dichlorobenzene
Concen: 33.43 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:146 Resp: 646933

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.4
111	44.4	36.6	55.0



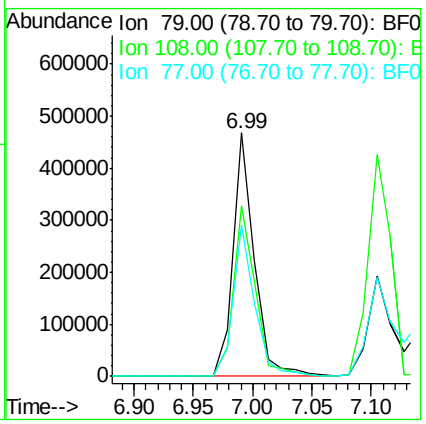


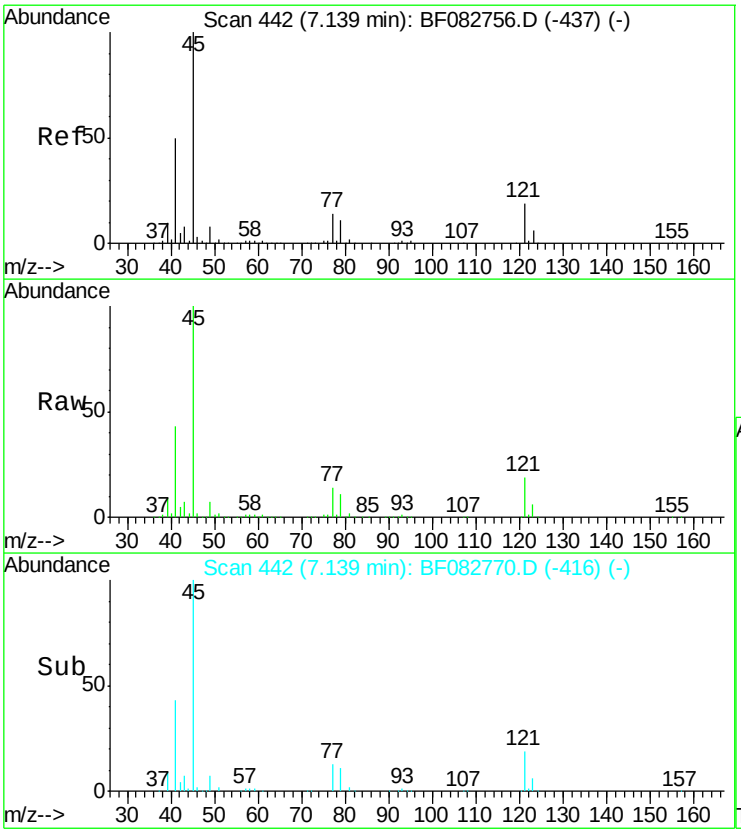
#15
Benzyl Alcohol
Concen: 30.53 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 79 Resp: 583048

Ion	Ratio	Lower	Upper
79	100		
108	69.9	52.2	78.4
77	62.2	52.7	79.1

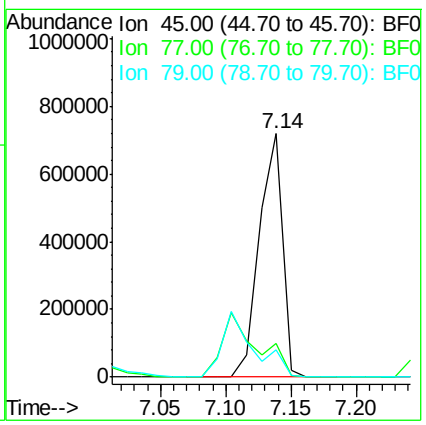


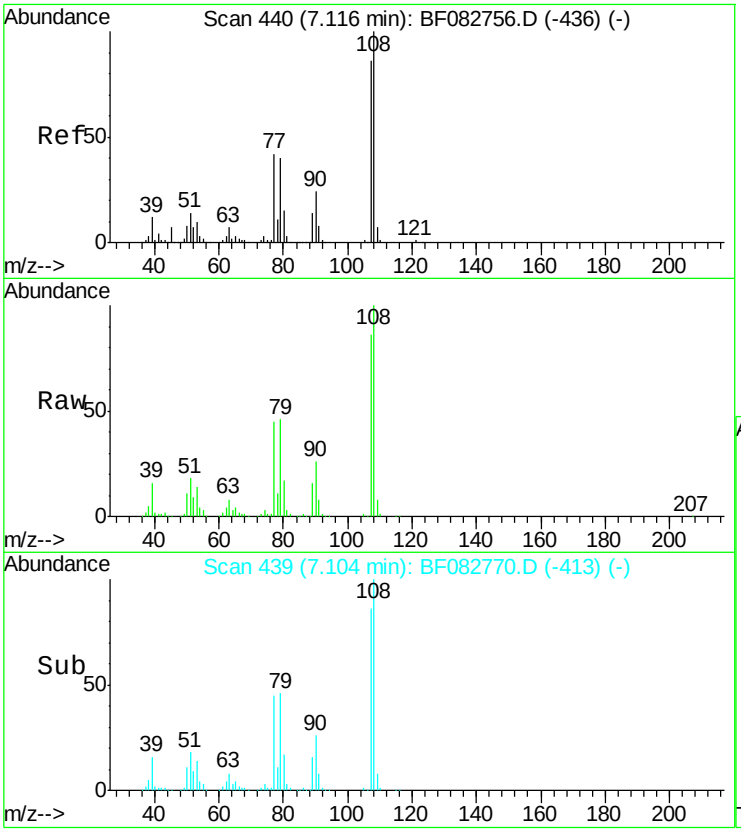


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.15 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 45 Resp: 897294

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.6
79	11.2	0.0	29.2



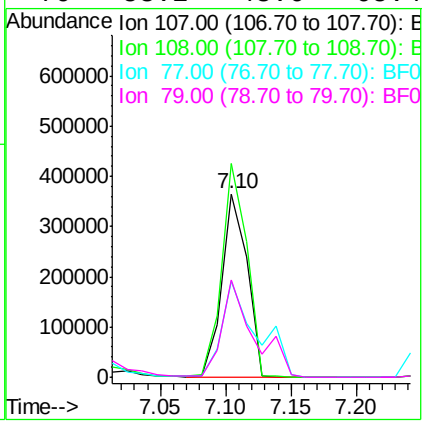


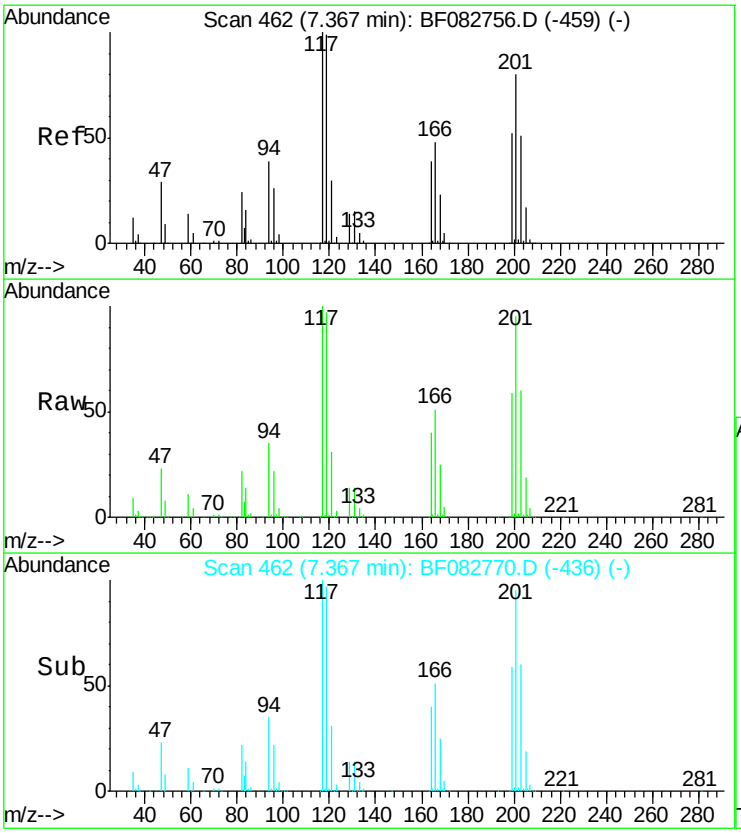
#17
2-Methylphenol
Concen: 32.10 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:107 Resp: 493001

Ion	Ratio	Lower	Upper
107	100		
108	116.7	93.0	139.4
77	52.5	44.1	66.1
79	53.2	43.6	65.4

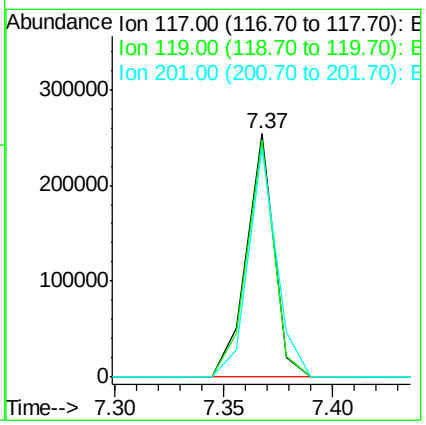


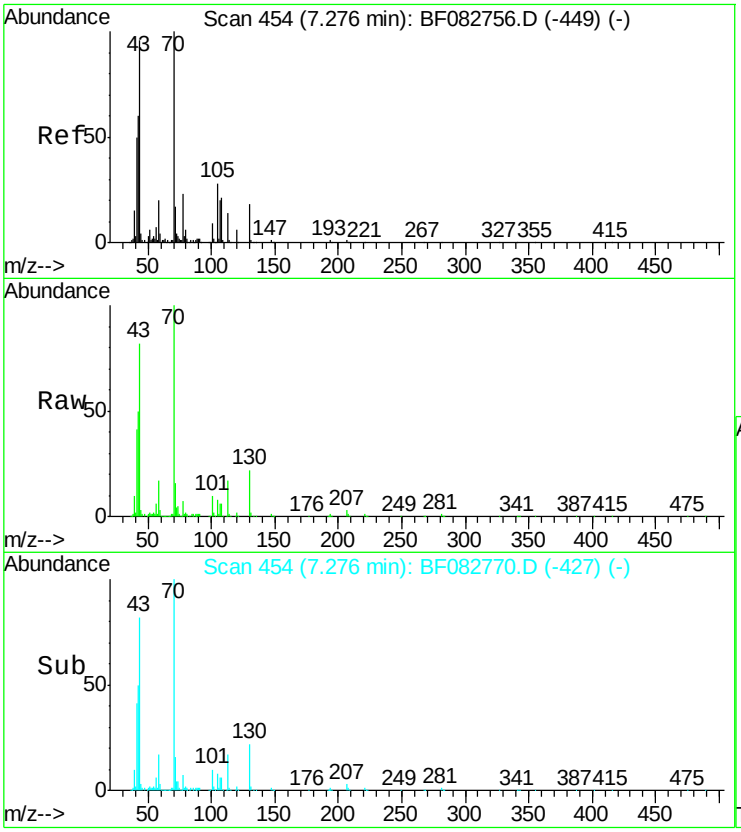


#18
Hexachloroethane
Concen: 29.23 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:117 Resp: 222458

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.7	116.5
201	94.5	66.7	100.1



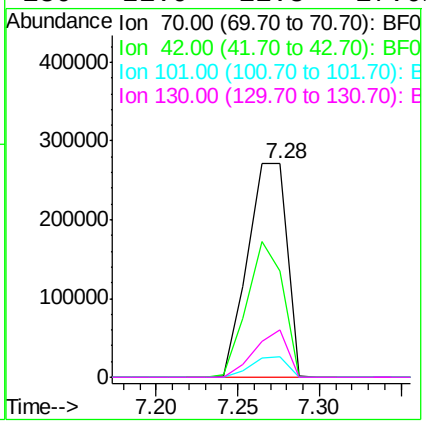


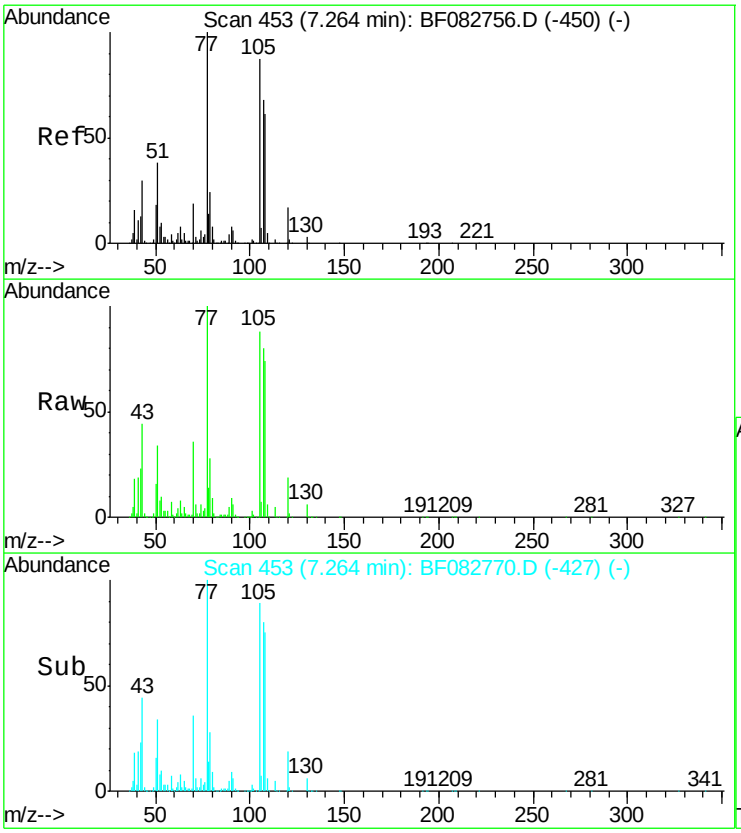
#19
n-Nitroso-di-n-propylamine
Concen: 28.34 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 70 Resp: 452999

Ion	Ratio	Lower	Upper
70	100		
42	49.6	57.7	86.5#
101	9.7	7.0	10.6
130	21.9	11.8	17.6#

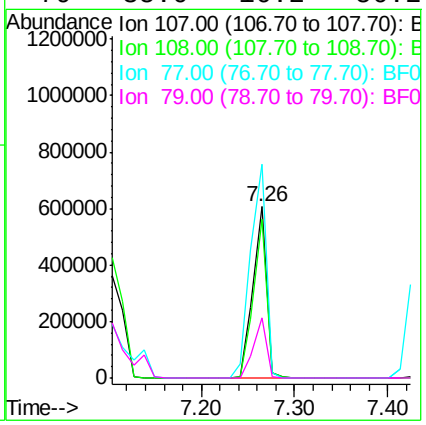


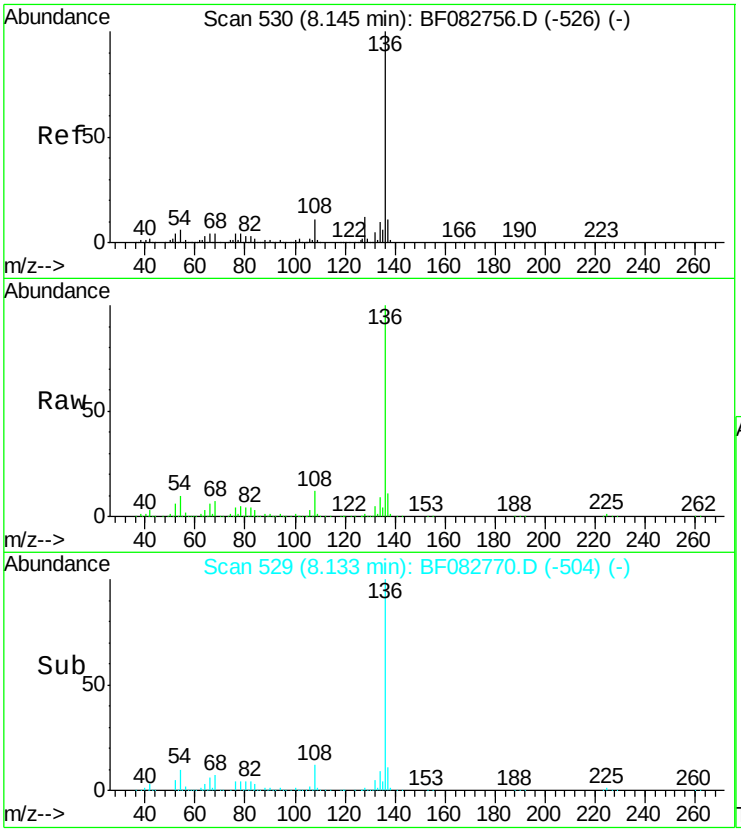


#20
3+4-Methylphenols
Concen: 30.44 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:107 Resp: 607858

Ion	Ratio	Lower	Upper
107	100		
108	92.9	67.3	107.3
77	124.7	100.3	140.3
79	35.0	16.2	56.2



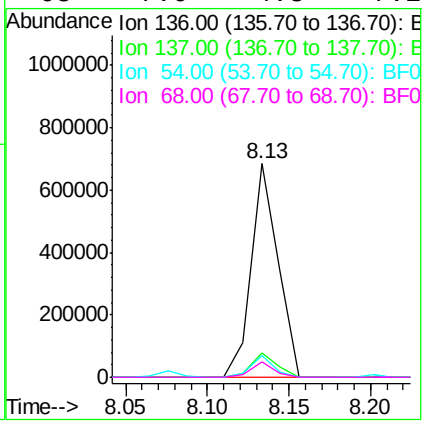


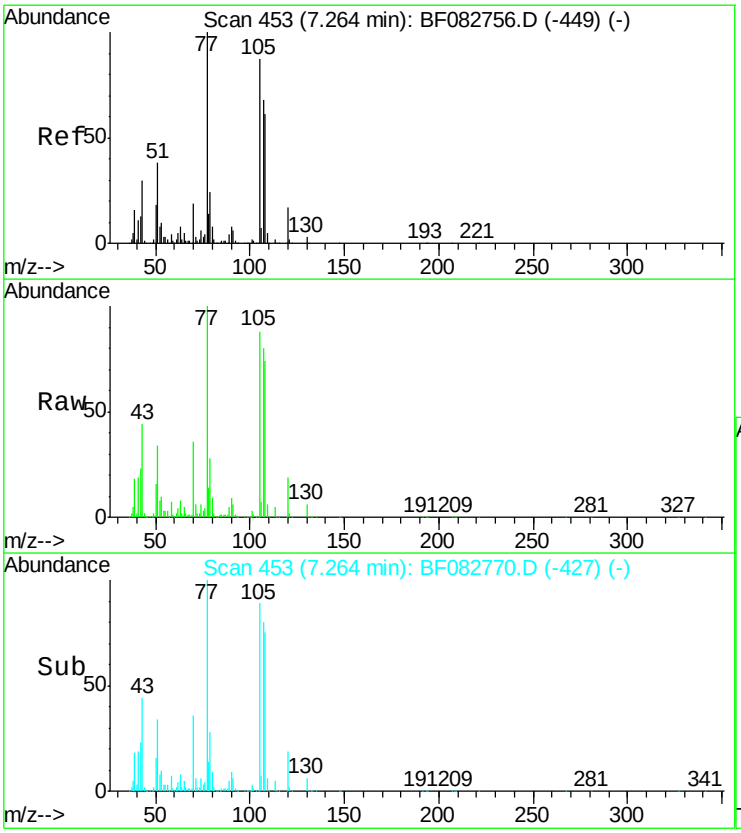
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:136 Resp: 780455

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.3	9.1	13.7
68	7.0	4.8	7.2

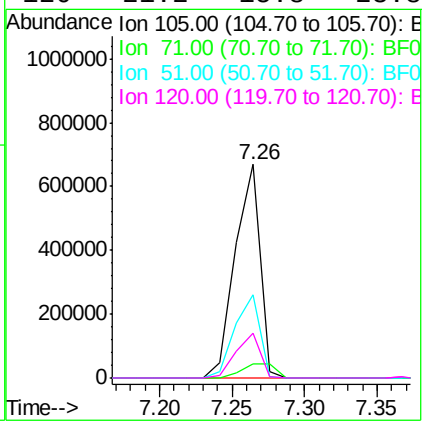


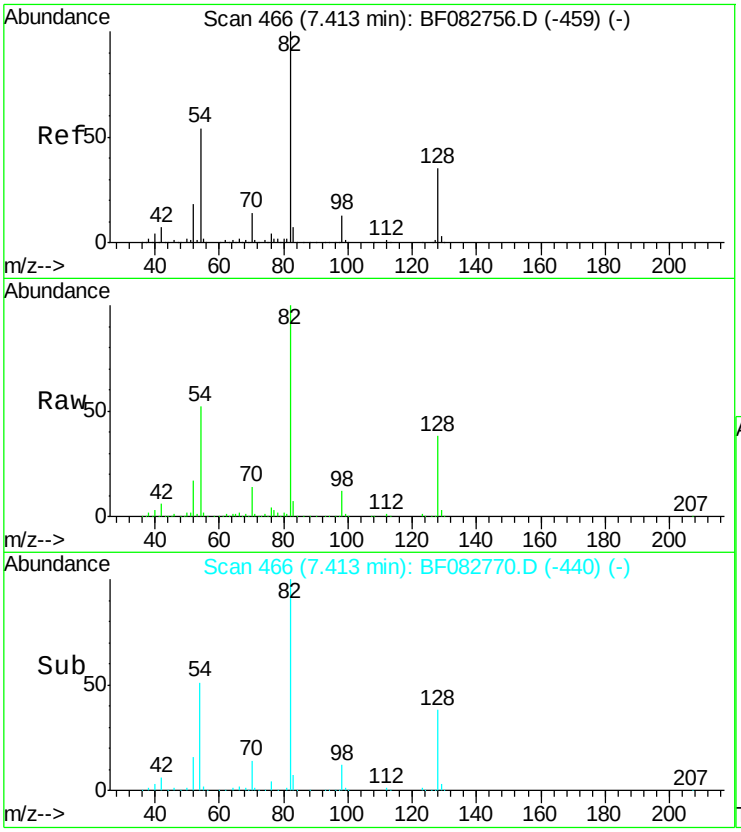


#22
Acetophenone
Concen: 35.76 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:105 Resp: 799718

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.6	8.4
51	38.8	24.9	37.3#
120	21.2	15.8	23.8



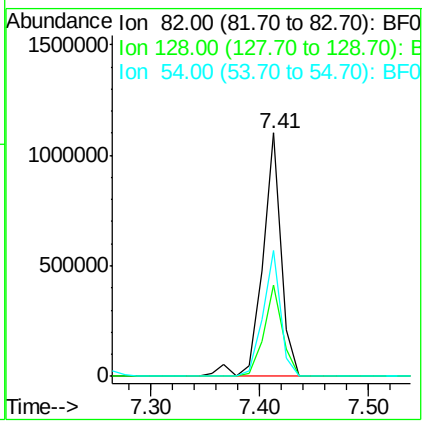


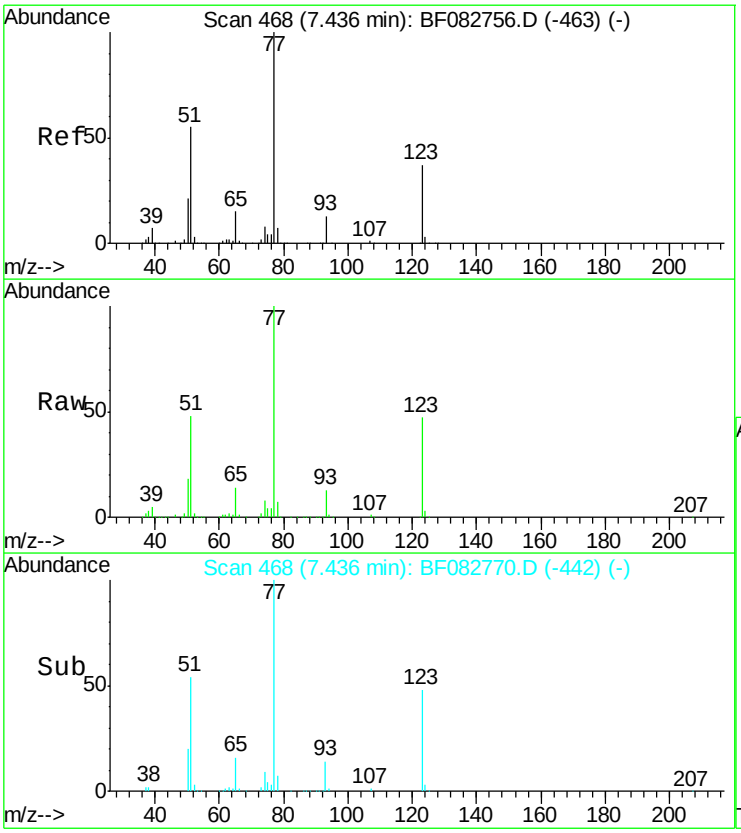
#23
Nitrobenzene-d5
Concen: 73.07 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 82 Resp: 1310529

Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.8	40.2
54	51.7	45.7	68.5

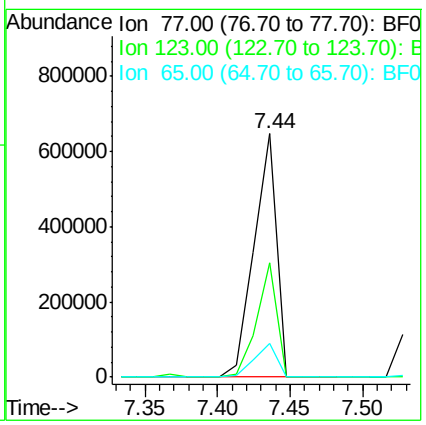


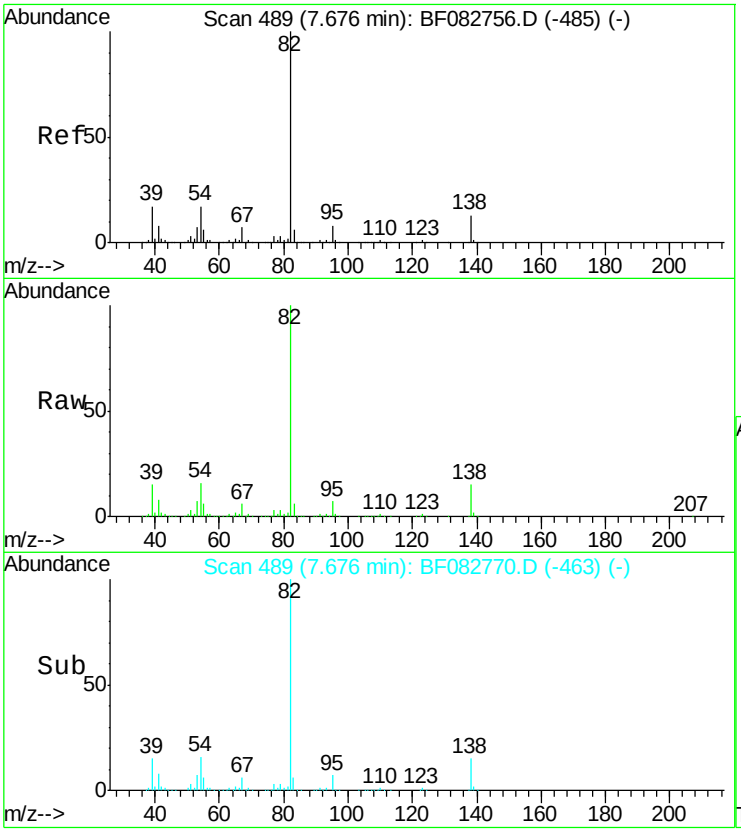


#24
Nitrobenzene
Concen: 37.92 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 77 Resp: 695535

Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.4	54.6
65	13.9	11.5	17.3



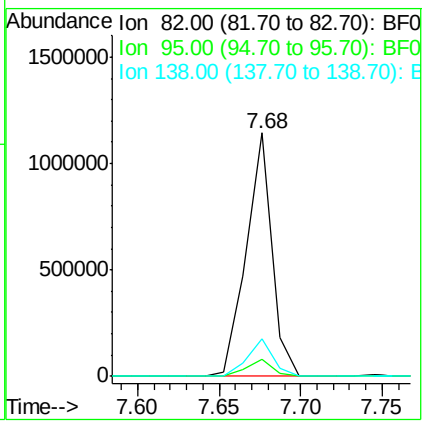


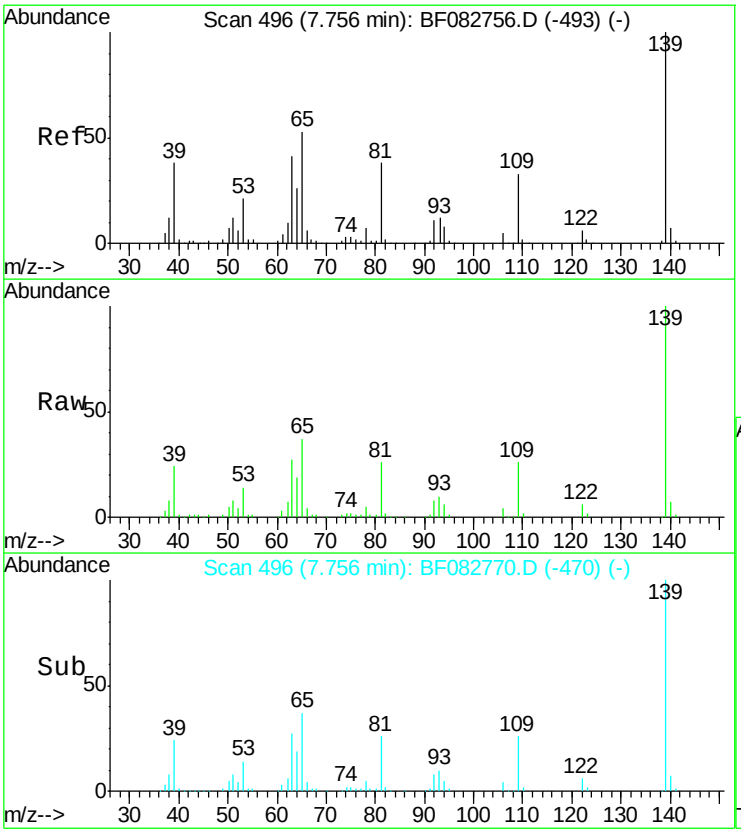
#25
Isophorone
Concen: 37.79 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 82 Resp: 1254185

Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.6	9.8
138	15.2	11.4	17.0

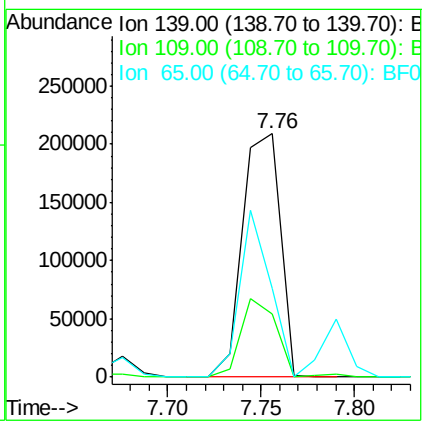


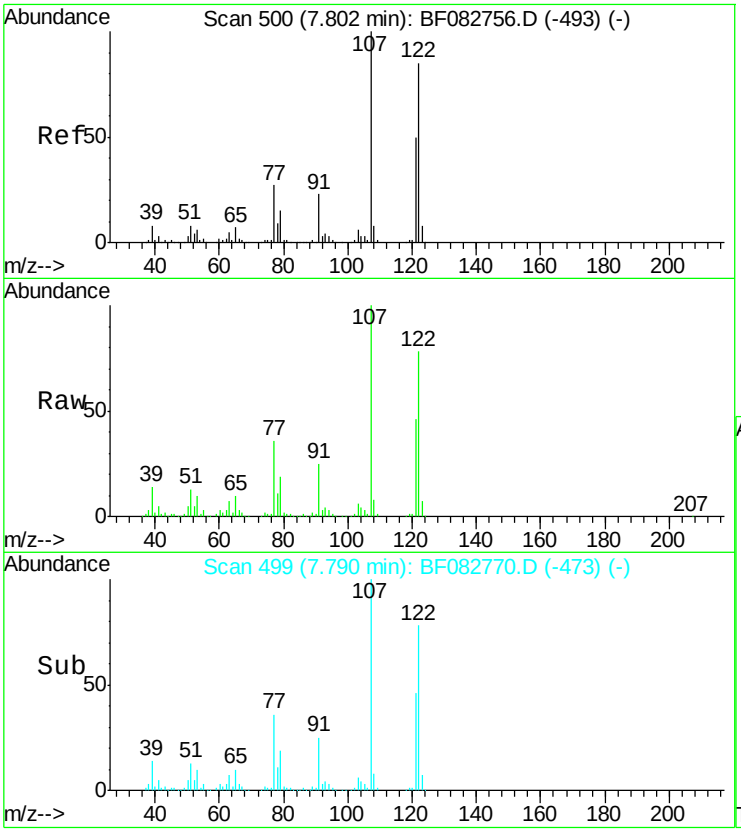


#26
2-Nitrophenol
Concen: 38.30 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:139 Resp: 293224

Ion	Ratio	Lower	Upper
139	100		
109	26.2	37.6	56.4#
65	36.6	70.6	105.8#



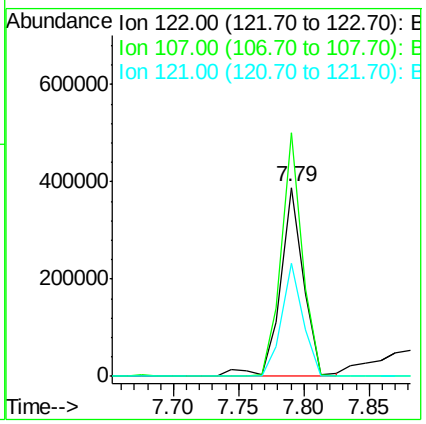


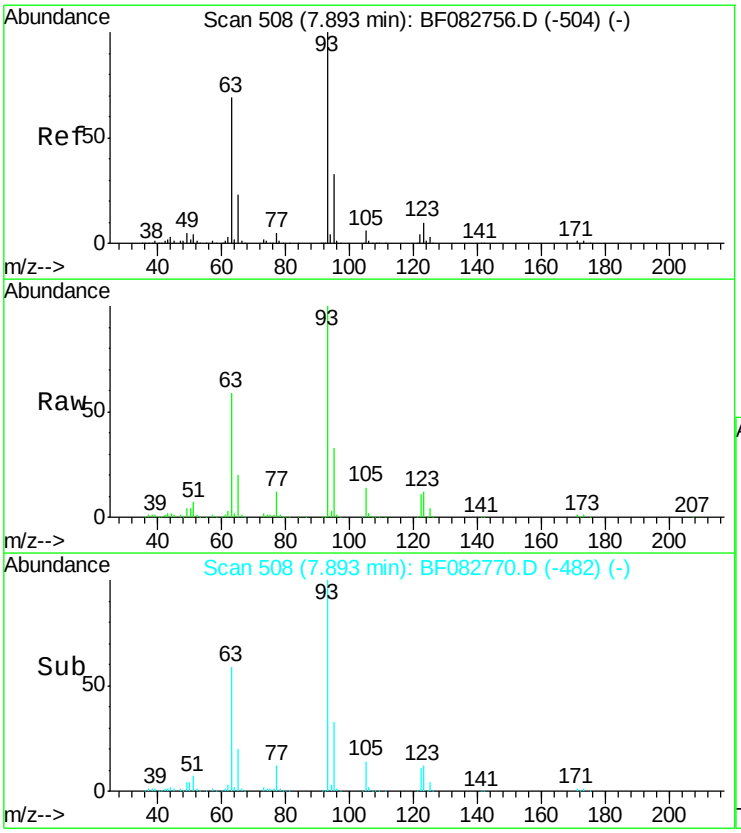
#27
2,4-Dimethylphenol
Concen: 35.22 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:122 Resp: 484510

Ion	Ratio	Lower	Upper
122	100		
107	128.9	106.0	159.0
121	59.6	46.7	70.1

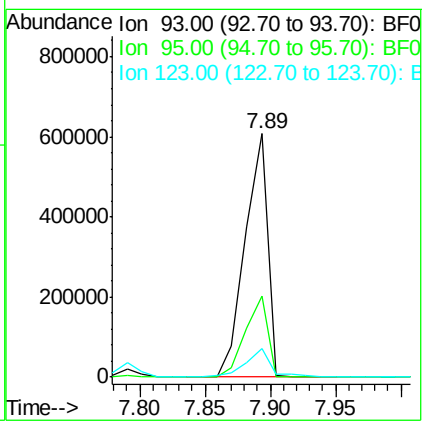


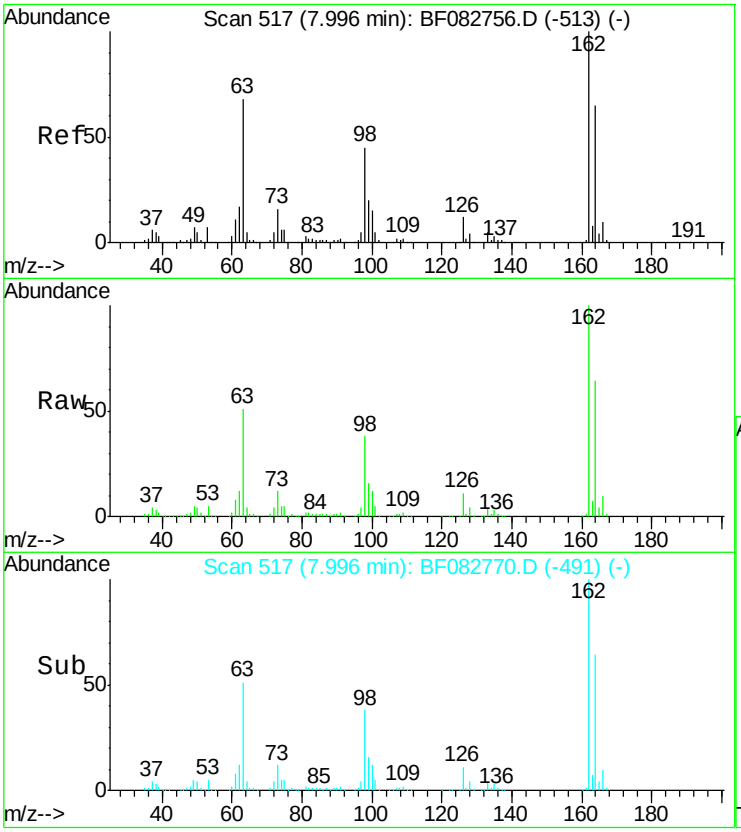


#28
bis(2-Chloroethoxy)methane
Concen: 39.00 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 93 Resp: 730107

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	11.6	9.7	14.5



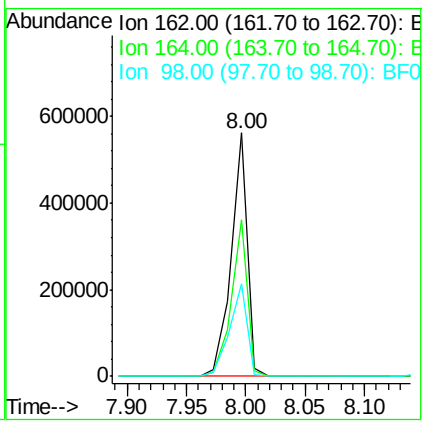


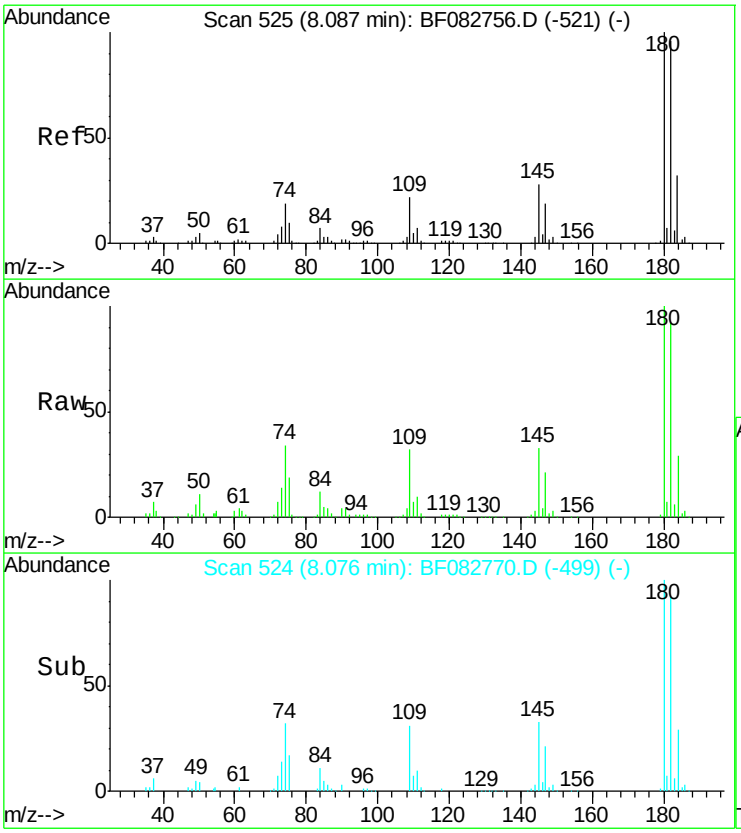
#29
2,4-Dichlorophenol
Concen: 42.55 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:162 Resp: 529057

Ion	Ratio	Lower	Upper
162	100		
164	64.4	46.8	86.8
98	37.9	12.5	52.5

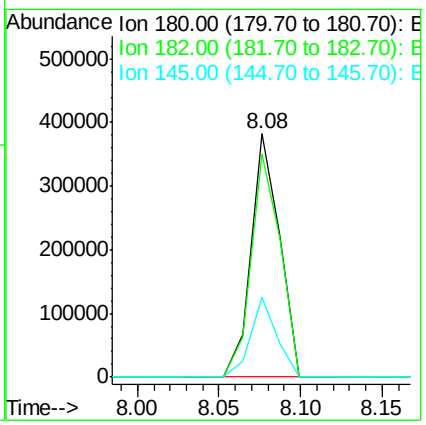


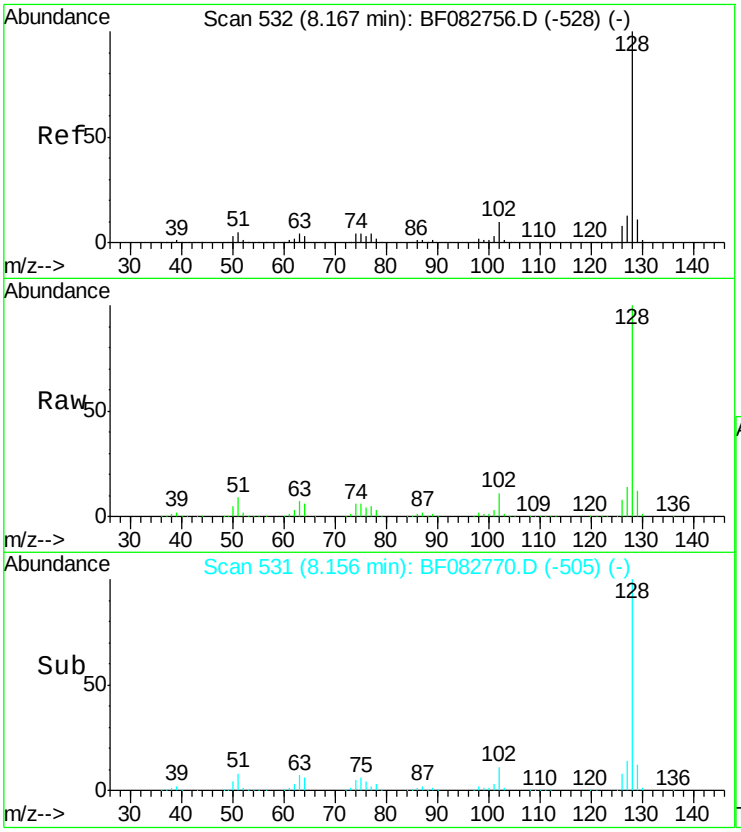


#30
1,2,4-Trichlorobenzene
Concen: 33.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:180 Resp: 461459

Ion	Ratio	Lower	Upper
180	100		
182	91.5	74.9	112.3
145	32.7	27.8	41.8



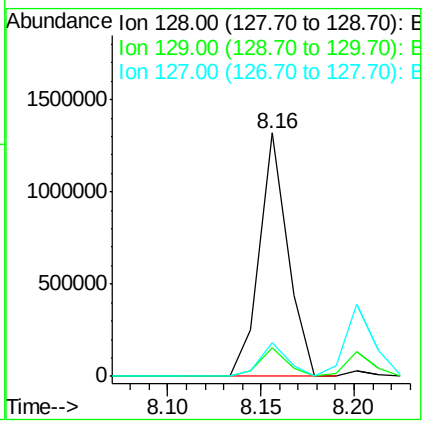


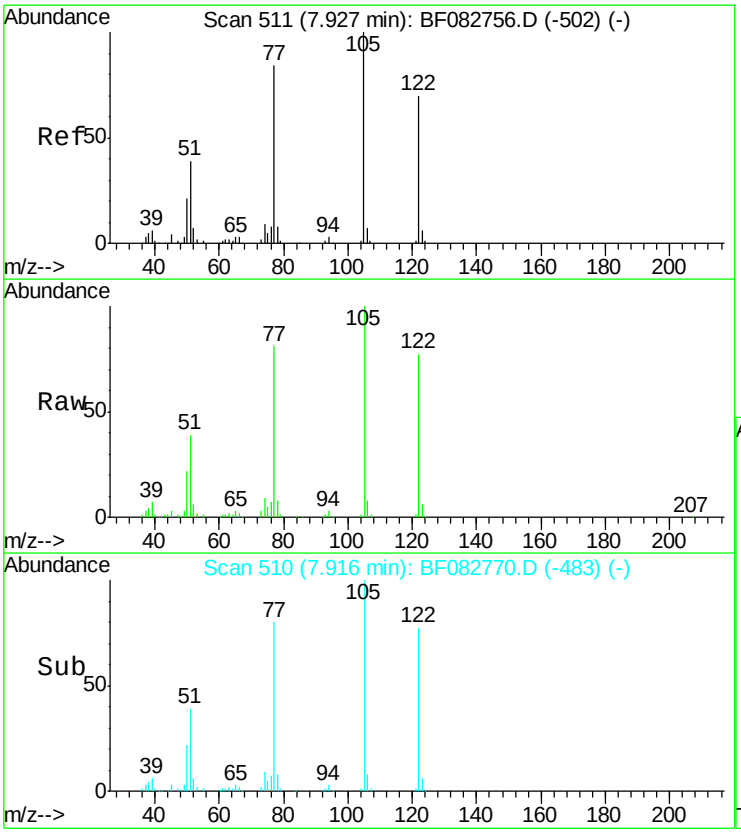
#31
Naphthalene
Concen: 32.13 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:128 Resp: 1383568

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.7	11.4	17.0

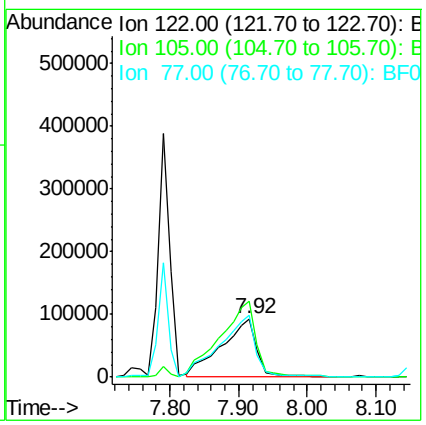


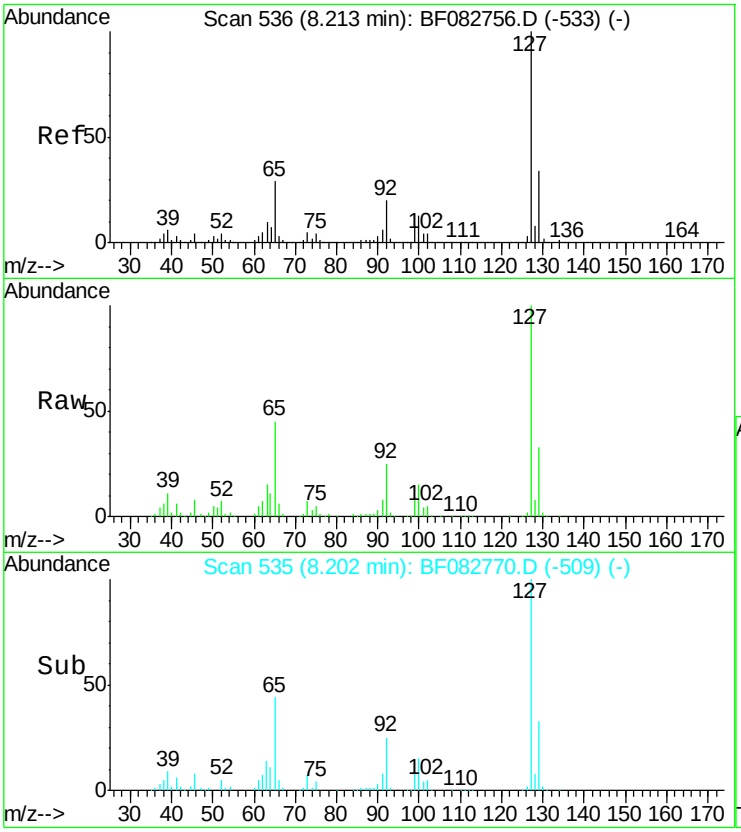


#32
Benzoic acid
Concen: 35.67 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:122 Resp: 335970

Ion	Ratio	Lower	Upper
122	100		
105	129.5	122.6	162.6
77	105.5	100.9	140.9



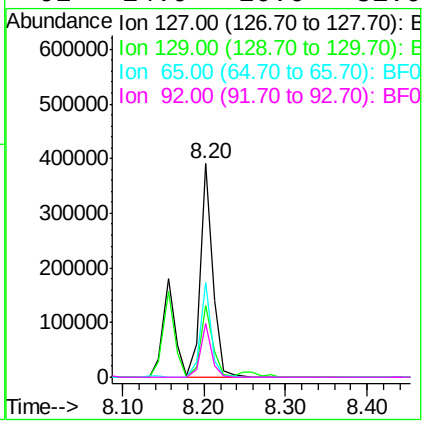


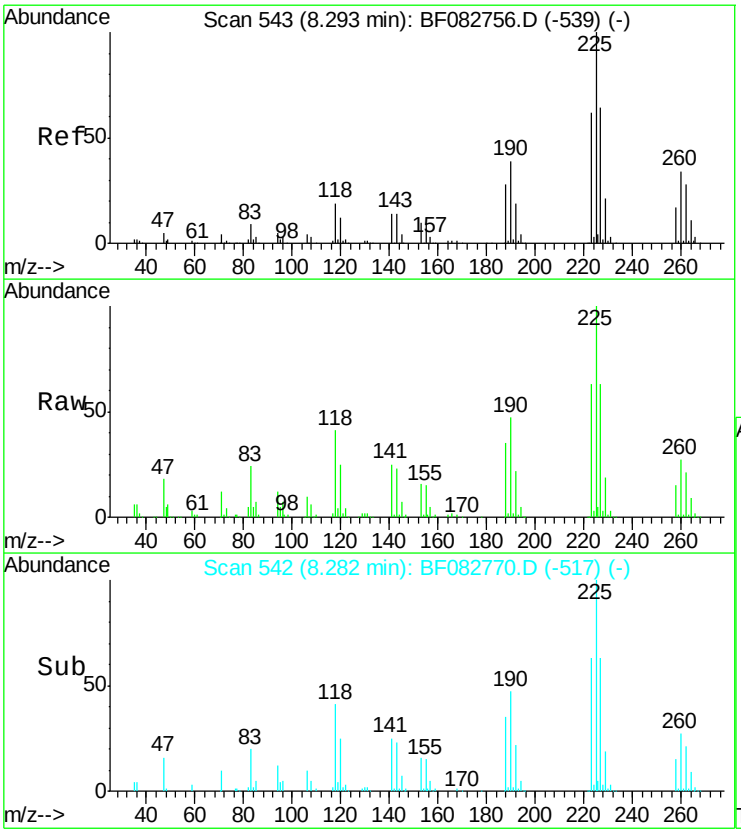
#33
4-Chloroaniline
Concen: 22.71 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:127 Resp: 421477

Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	44.5	37.8	56.8
92	24.9	20.6	31.0

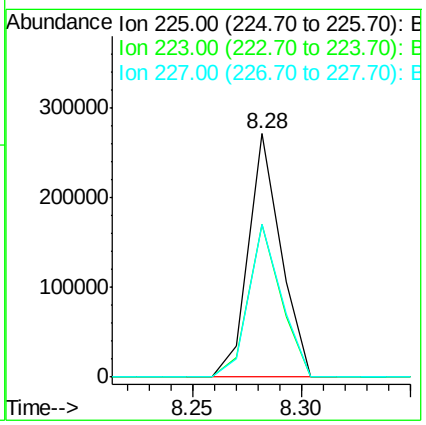


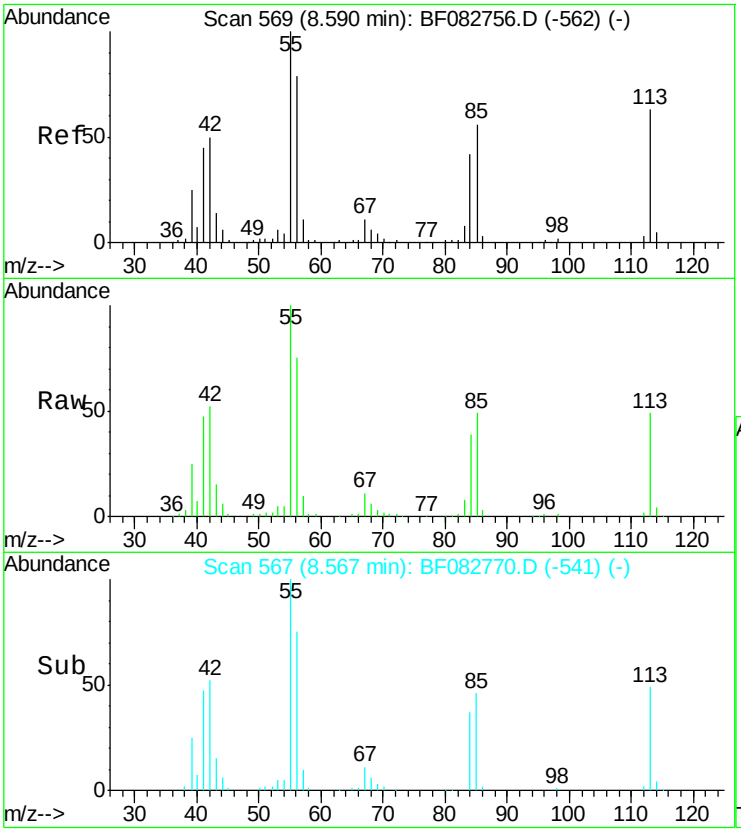


#34
Hexachlorobutadiene
Concen: 32.26 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:225 Resp: 282316

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.5	75.7
227	62.8	50.2	75.2



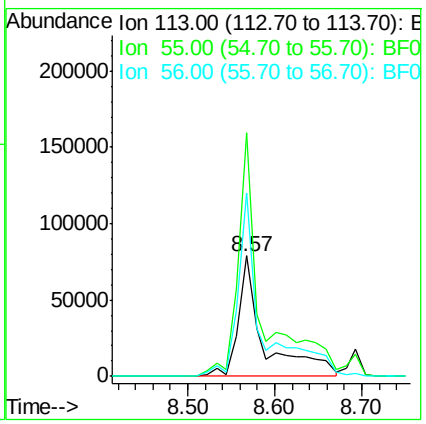


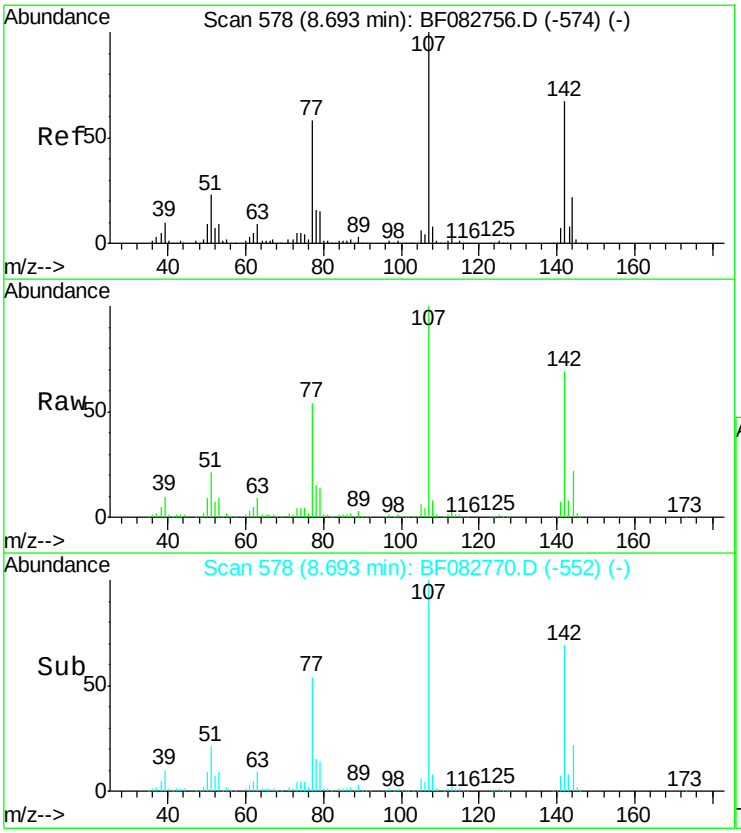
#35
Caprolactam
Concen: 40.99 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:113 Resp: 160657

Ion	Ratio	Lower	Upper
113	100		
55	202.2	195.5	235.5
56	152.6	153.5	193.5#

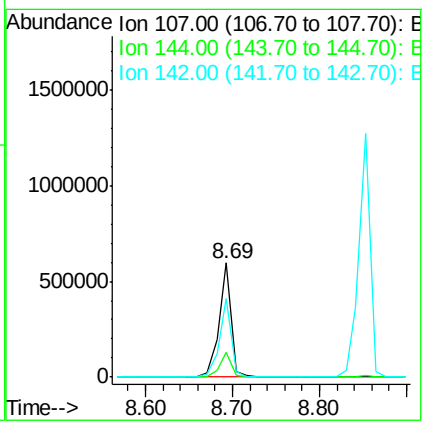


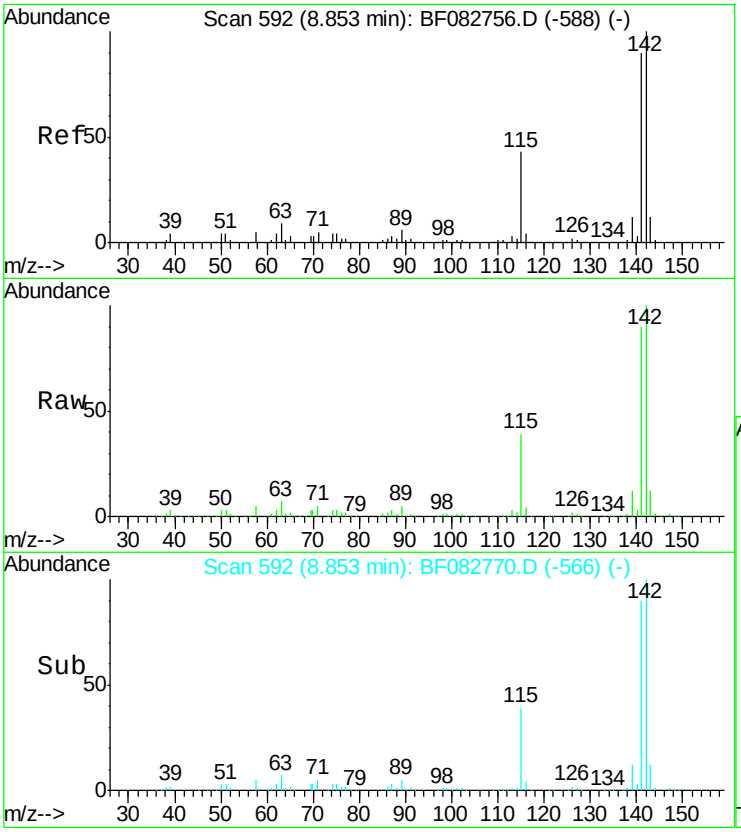


#36
4-Chloro-3-methylphenol
Concen: 40.21 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:107 Resp: 587901

Ion	Ratio	Lower	Upper
107	100		
144	22.0	15.4	23.0
142	69.3	47.8	71.8



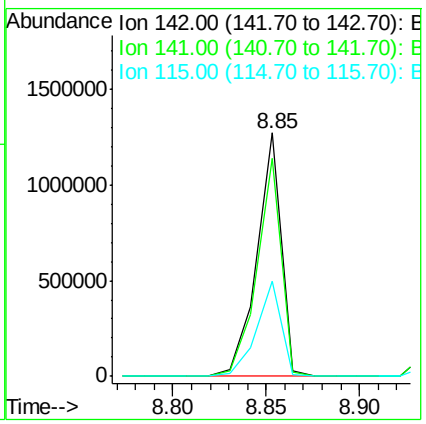


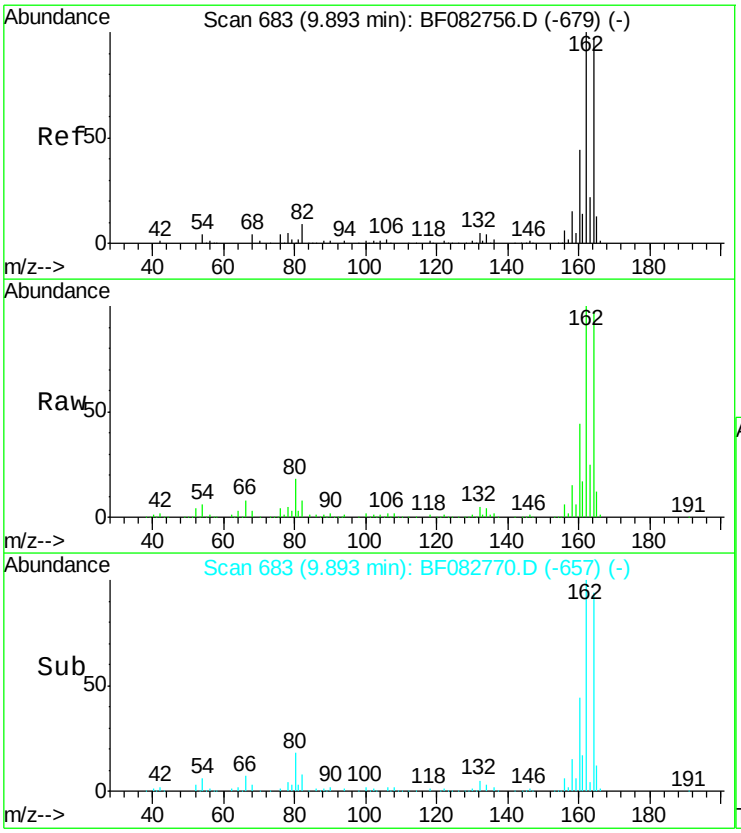
#37
2-Methylnaphthalene
Concen: 41.75 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:142 Resp: 1162936

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	38.8	38.1	57.1

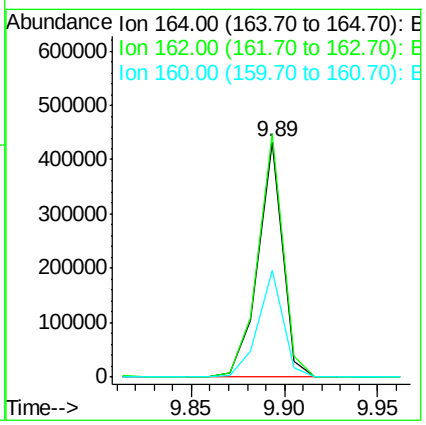


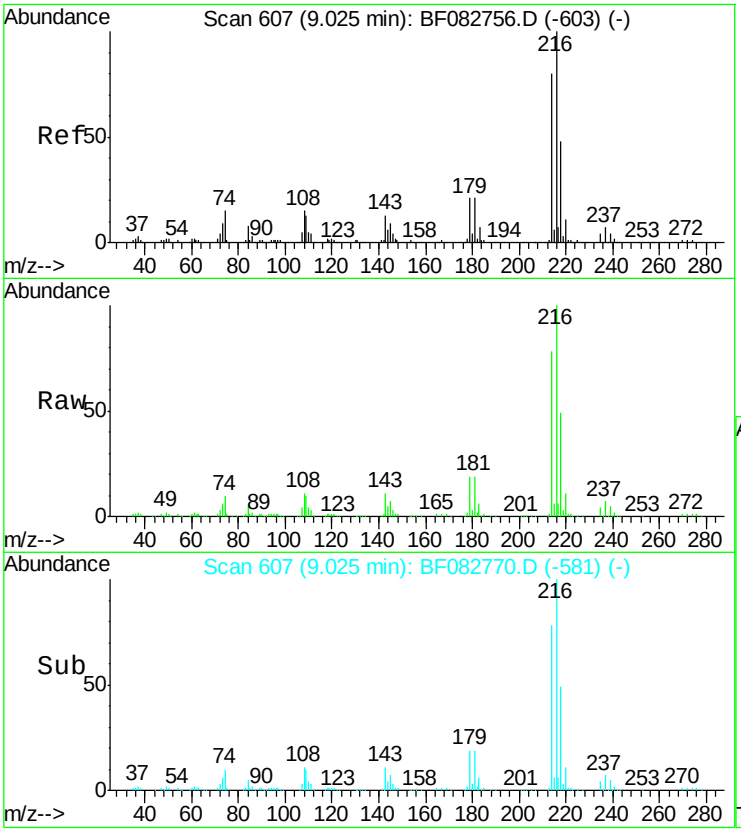


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:164 Resp: 392907

Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.9	127.3
160	45.2	37.5	56.3



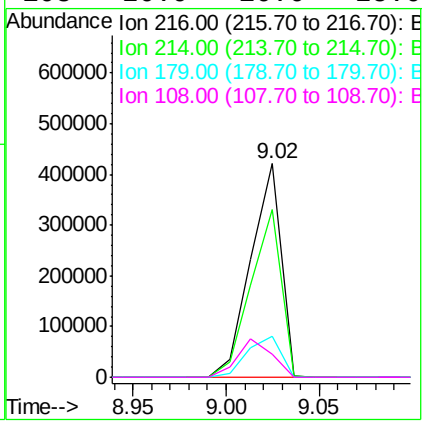


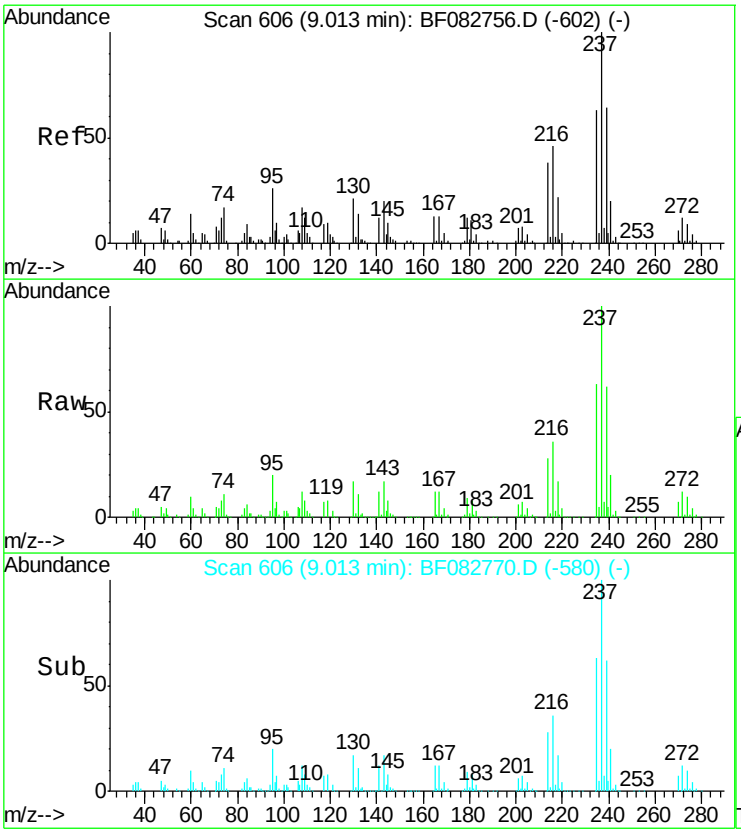
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.66 ng
RT: 9.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:216 Resp: 473380

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.2	93.2
179	21.2	18.1	27.1
108	20.9	16.6	25.0

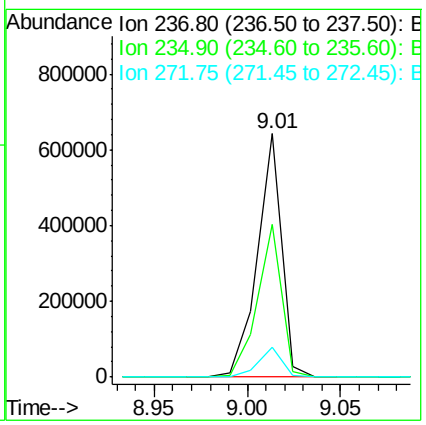


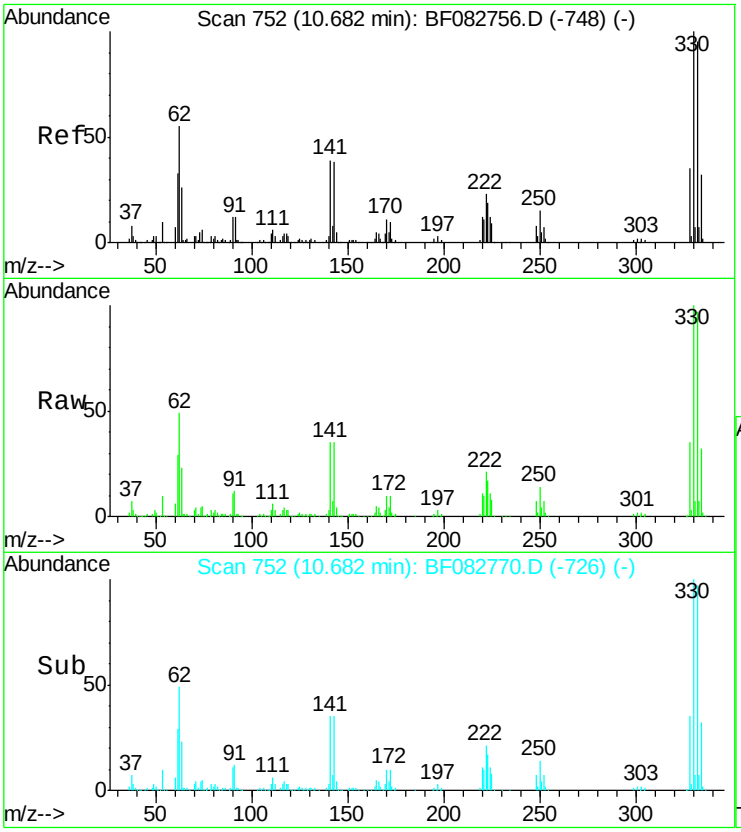


#40
Hexachlorocyclopentadiene
Concen: 84.35 ng
RT: 9.01 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:237 Resp: 585137

Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.3	84.3
272	12.4	0.0	31.9



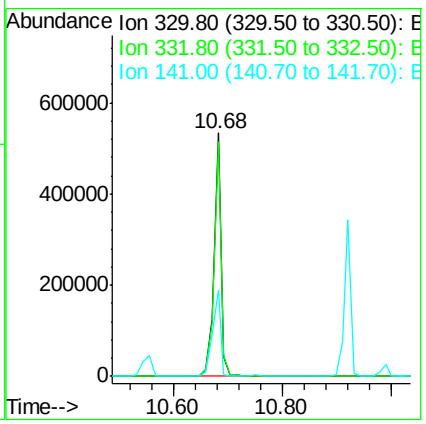


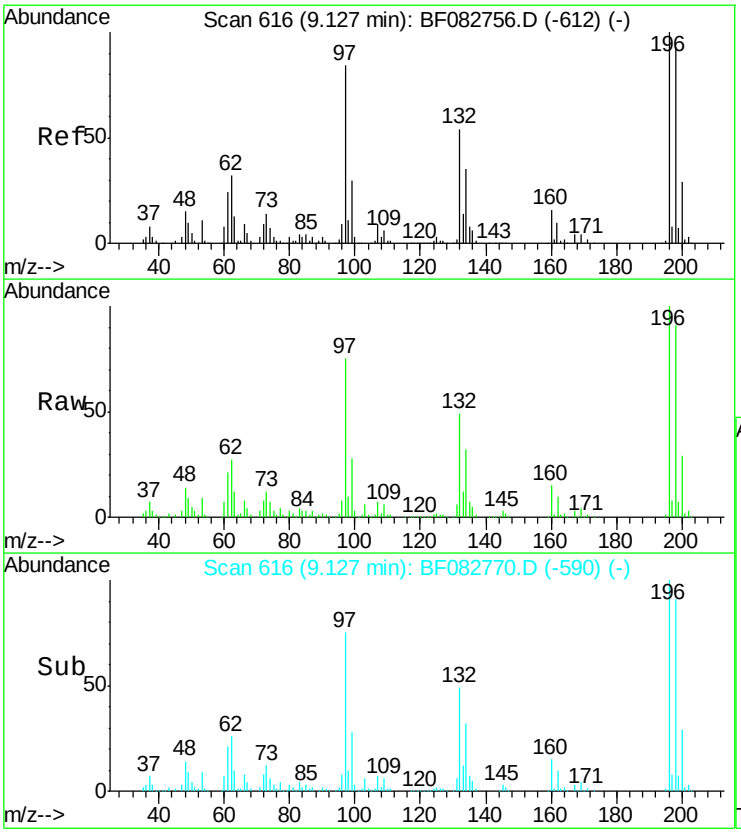
#41
2,4,6-Tribromophenol
Concen: 111.88 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:330 Resp: 504036

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	40.2	41.2	61.8#

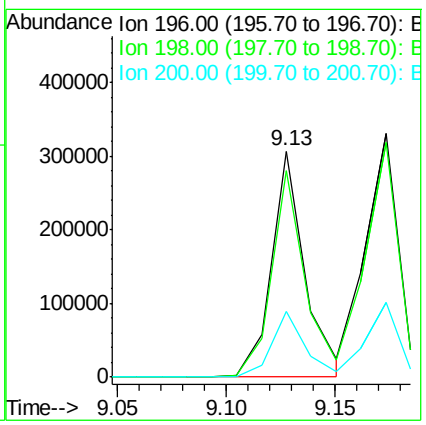


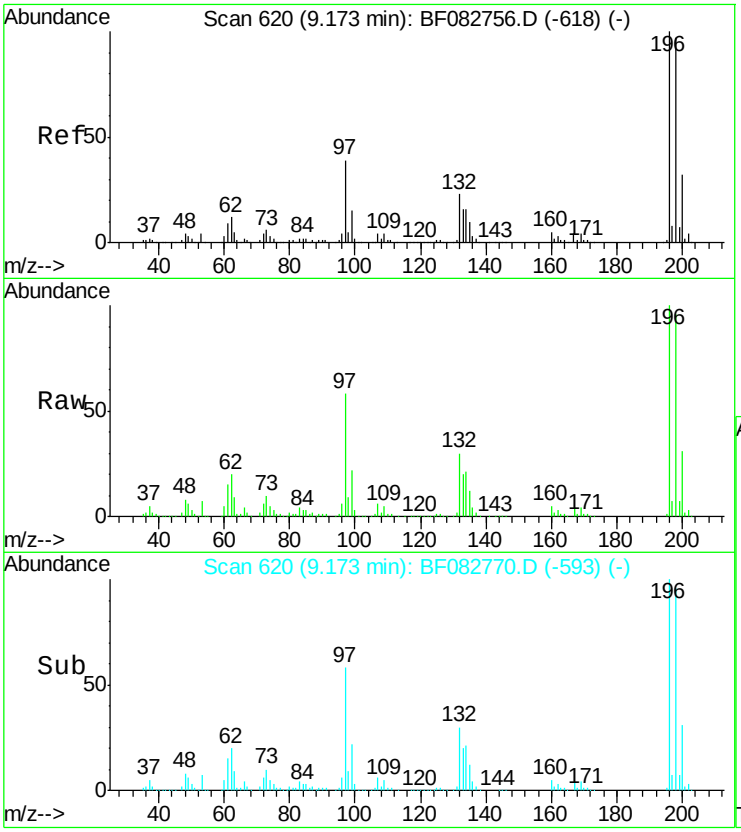


#42
2,4,6-Trichlorophenol
Concen: 34.31 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:196 Resp: 330653

Ion	Ratio	Lower	Upper
196	100		
198	91.3	76.3	114.5
200	29.1	23.9	35.9



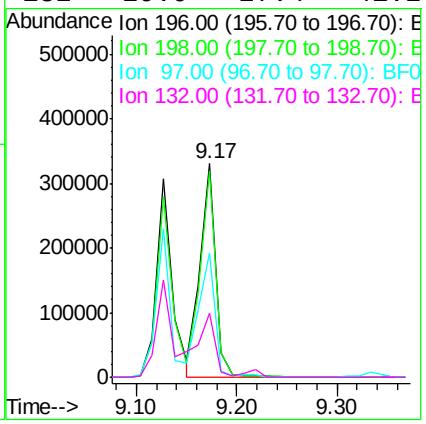


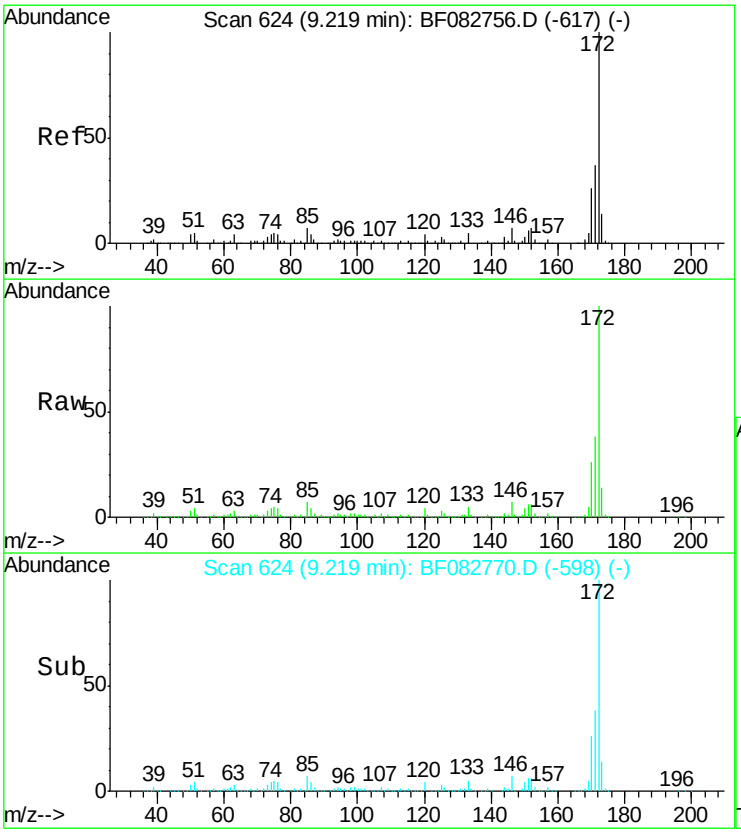
#43
2,4,5-Trichlorophenol
Concen: 37.33 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:196 Resp: 355857

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.8	113.8
97	58.4	62.3	93.5#
132	29.9	27.4	41.2

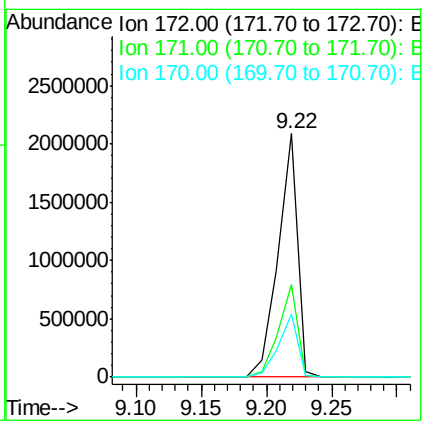


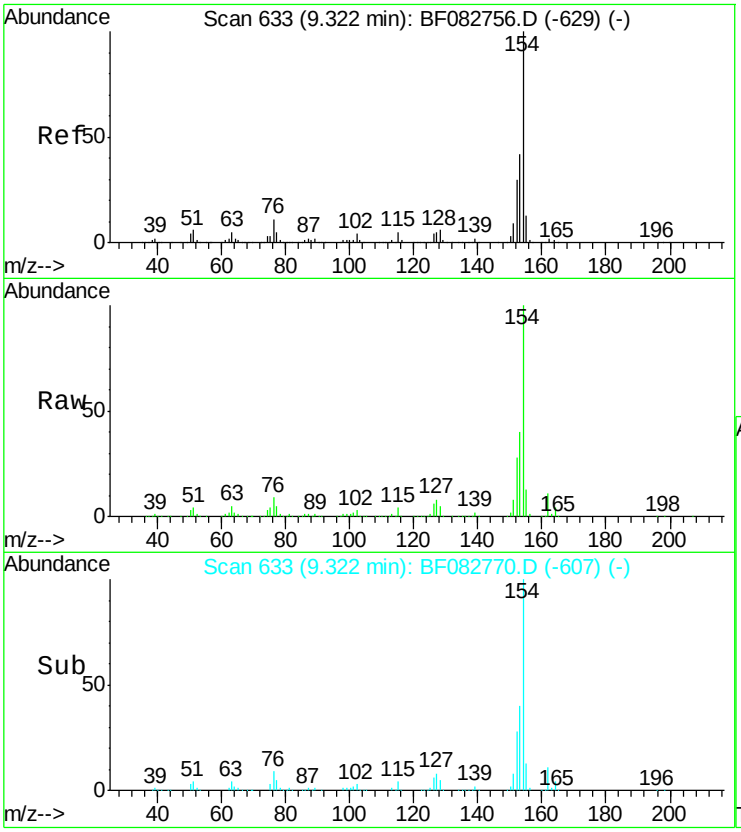


#44
2-Fluorobiphenyl
Concen: 79.74 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:172 Resp: 2186099

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.9	21.2	31.8



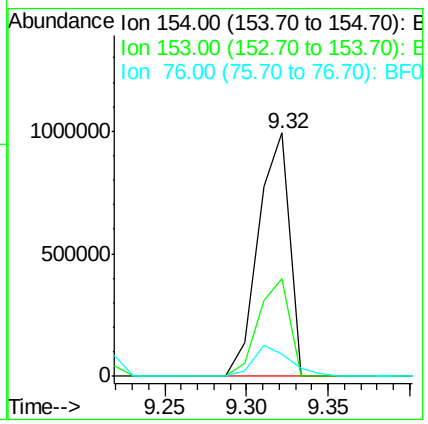


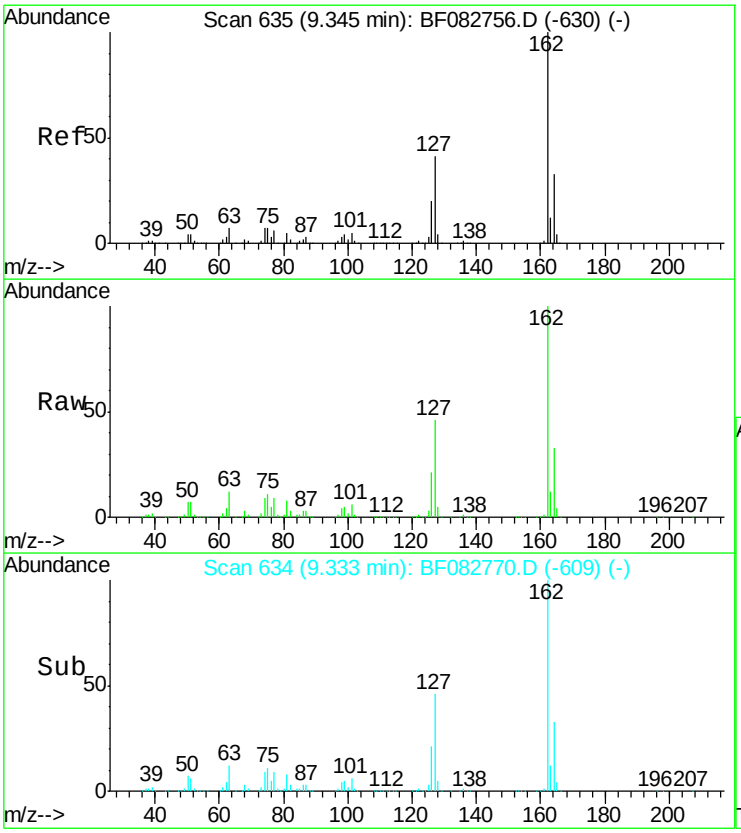
#45
1,1'-Biphenyl
Concen: 38.83 ng
RT: 9.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:154 Resp: 1309047

Ion	Ratio	Lower	Upper
154	100		
153	40.0	22.0	62.0
76	8.9	0.0	29.0

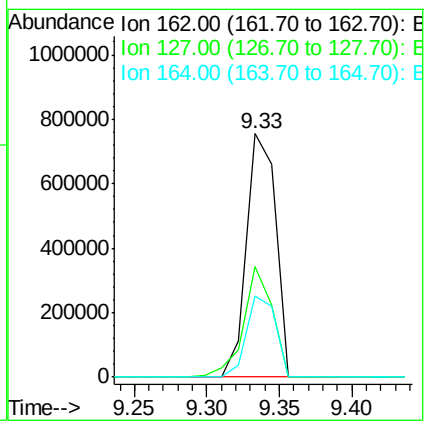


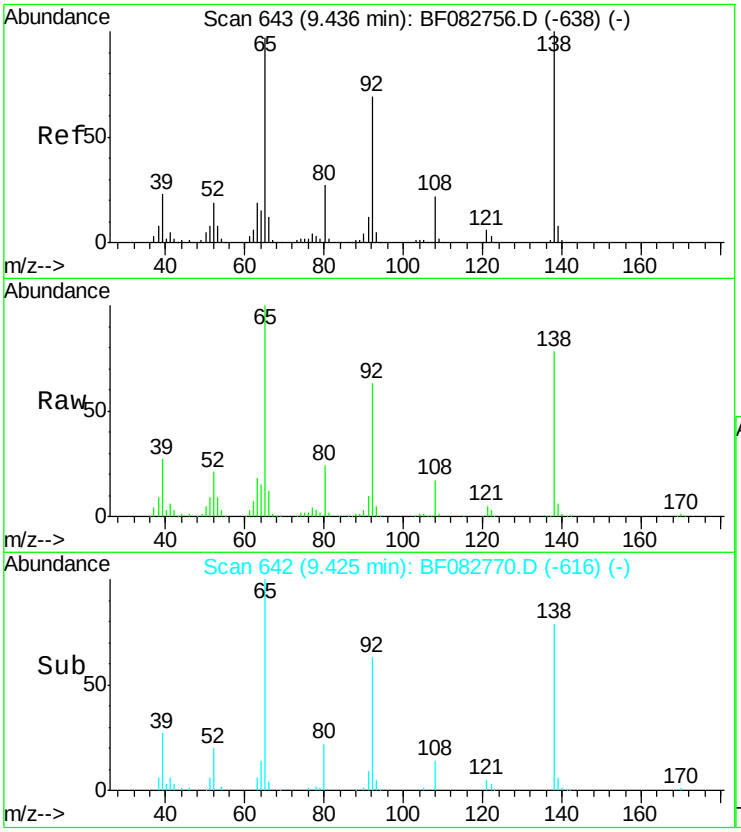


#46
2-Chloronaphthalene
Concen: 39.97 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:162 Resp: 1051111

Ion	Ratio	Lower	Upper
162	100		
127	45.6	32.7	49.1
164	33.1	27.4	41.0



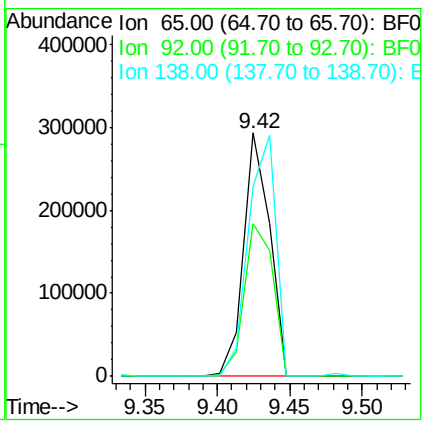


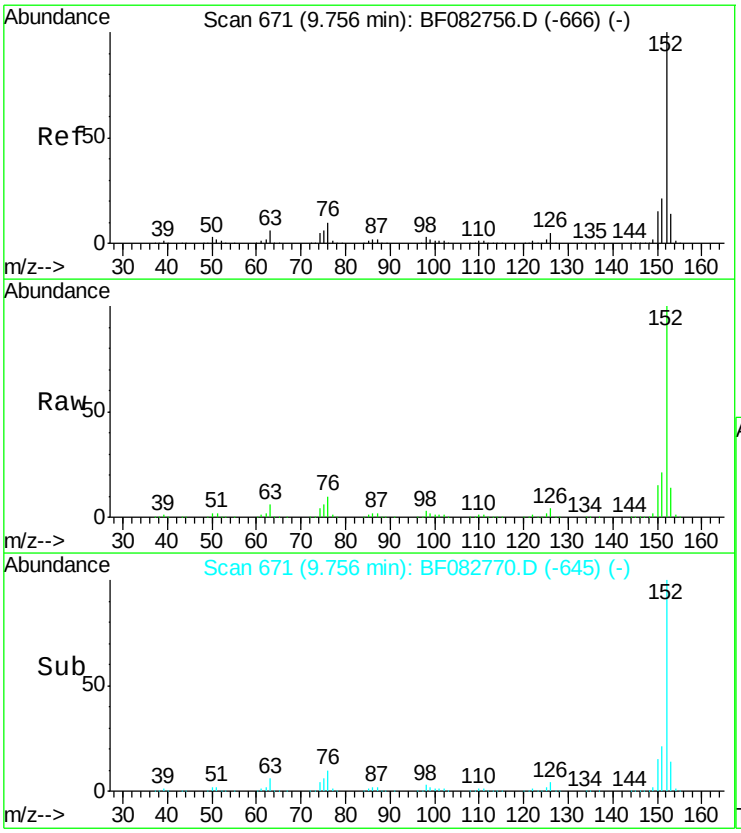
#47
2-Nitroaniline
Concen: 37.54 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion: 65 Resp: 366224

Ion	Ratio	Lower	Upper
65	100		
92	62.6	46.6	70.0
138	78.1	54.6	81.8

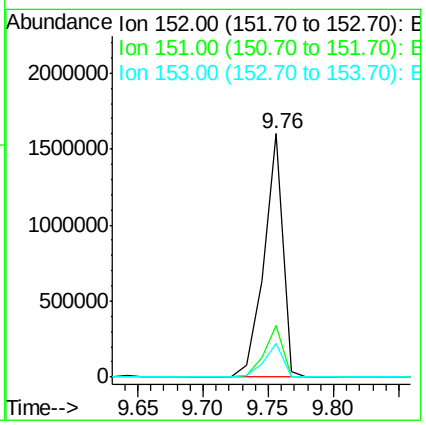


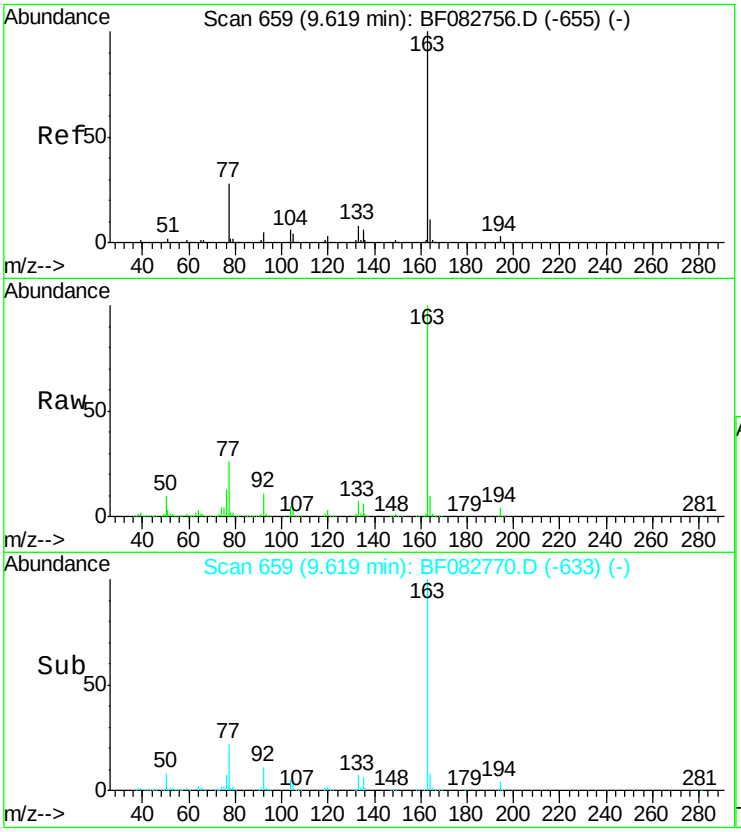


#48
Acenaphthylene
Concen: 39.13 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:152 Resp: 1612901

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.3	25.9
153	13.9	11.3	16.9



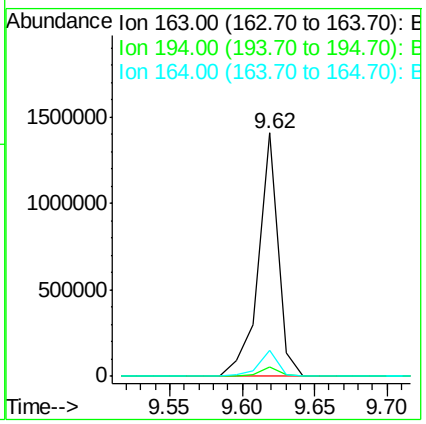


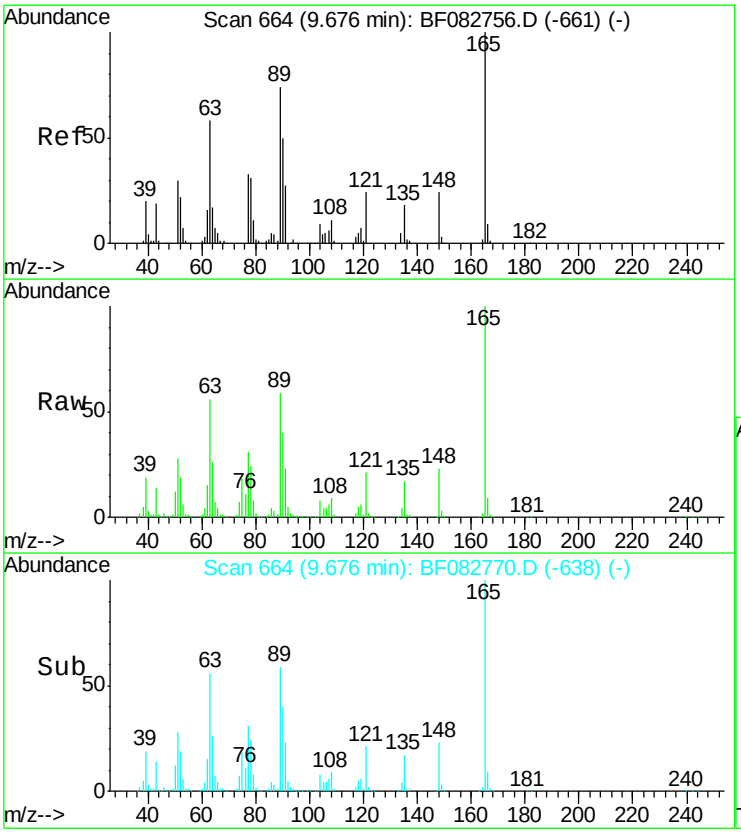
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:163 Resp: 1331302

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.5	8.7	13.1

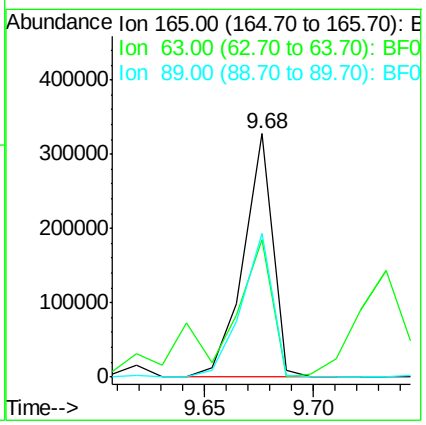


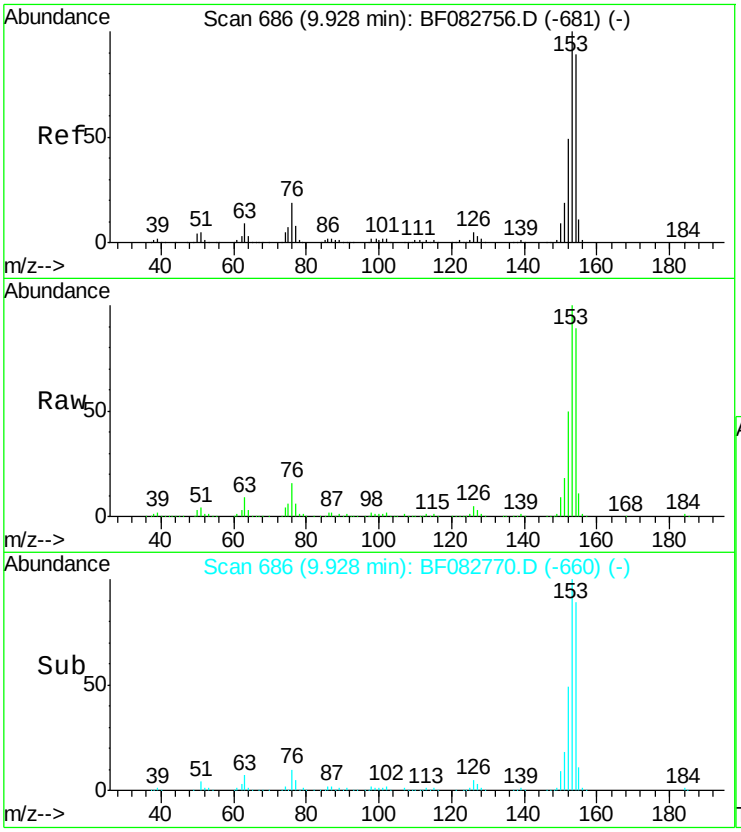


#50
2,6-Dinitrotoluene
Concen: 44.75 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:165 Resp: 307350

Ion	Ratio	Lower	Upper
165	100		
63	56.4	55.5	83.3
89	59.1	55.0	82.6



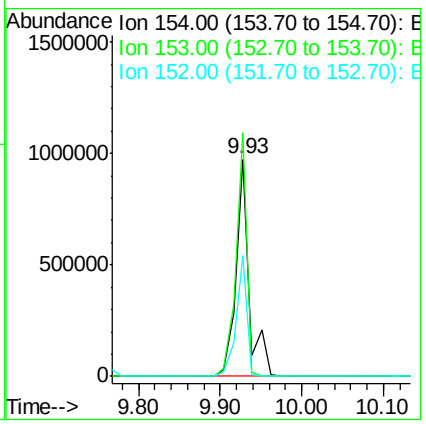


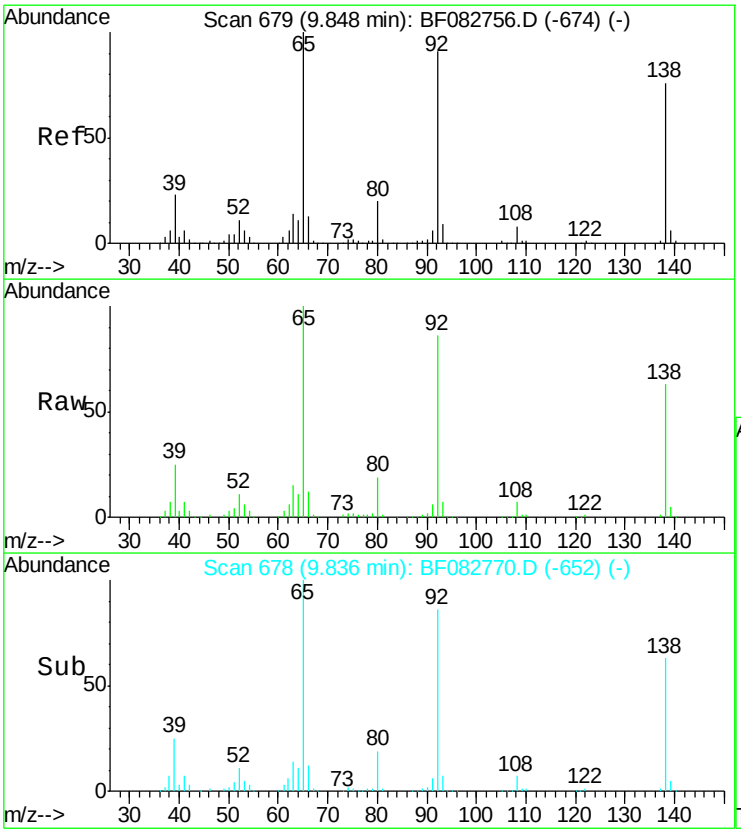
#51
Acenaphthene
Concen: 42.26 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:154 Resp: 1103787

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	55.6	44.3	66.5

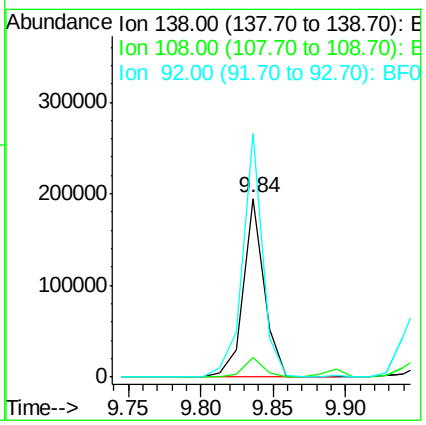


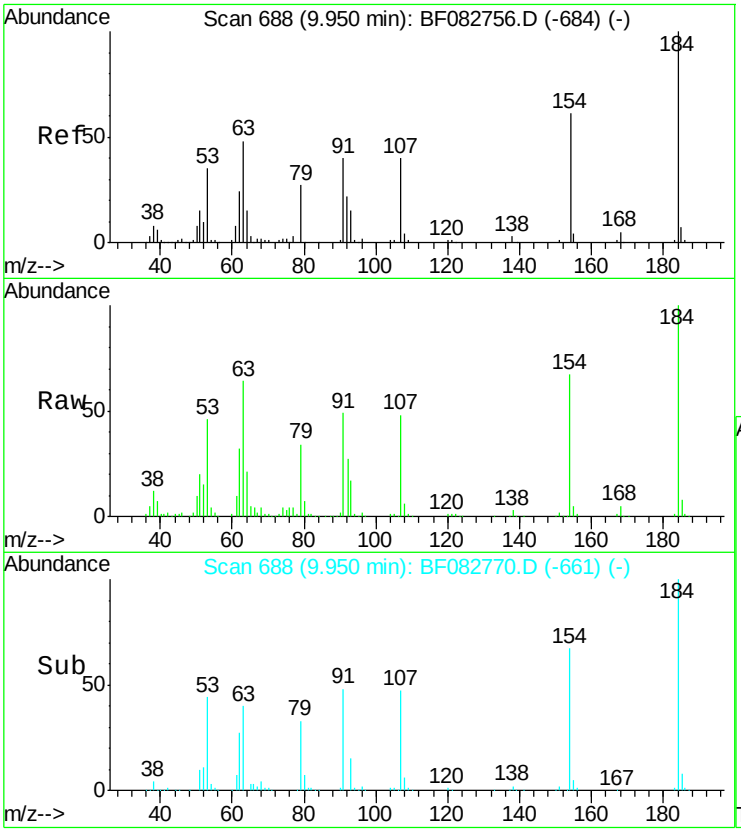


#52
3-Nitroaniline
Concen: 25.63 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:138 Resp: 193609

Ion	Ratio	Lower	Upper
138	100		
108	11.3	11.3	16.9
92	136.1	122.4	183.6



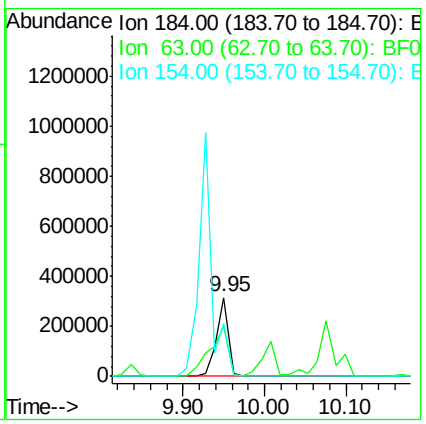


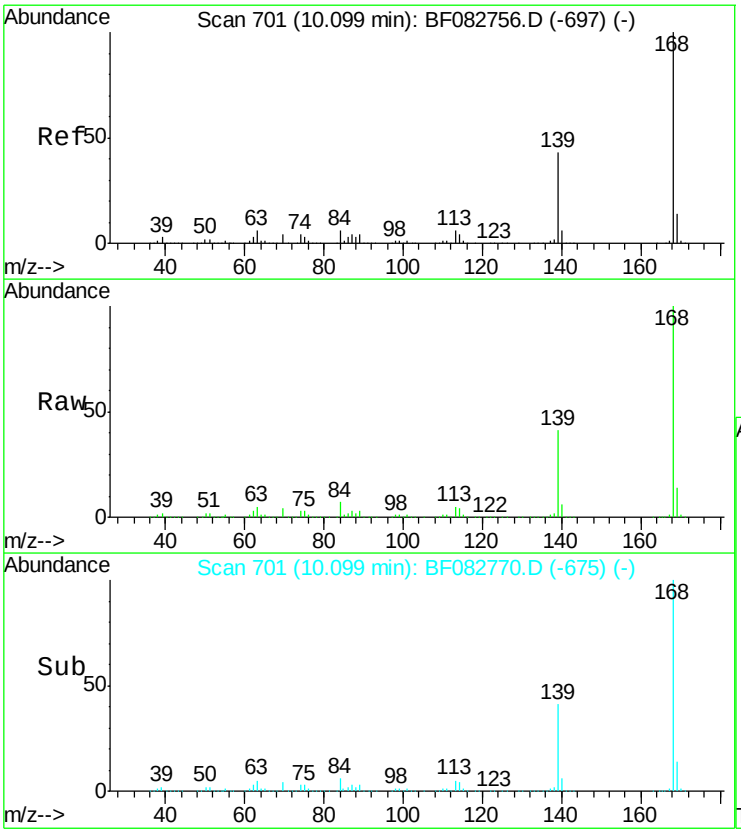
#53
2,4-Dinitrophenol
Concen: 84.11 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:184 Resp: 317191

Ion	Ratio	Lower	Upper
184	100		
63	63.6	98.6	148.0#
154	67.1	183.9	275.9#

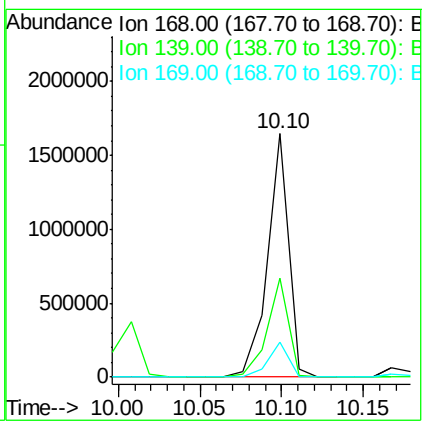


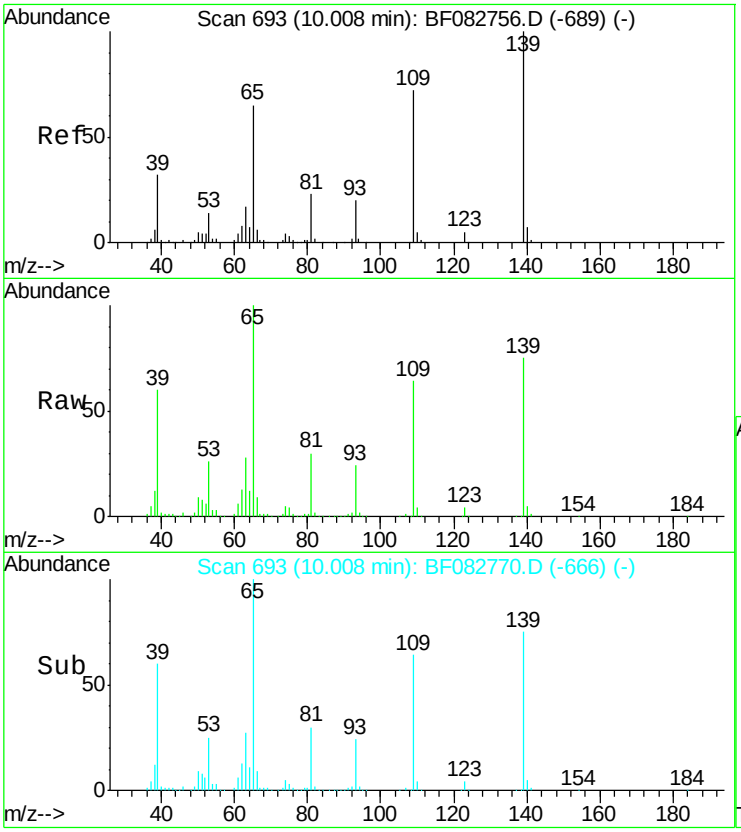


#54
Dibenzofuran
Concen: 42.18 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:168 Resp: 1485481

Ion	Ratio	Lower	Upper
168	100		
139	40.9	37.8	56.6
169	14.1	11.3	16.9



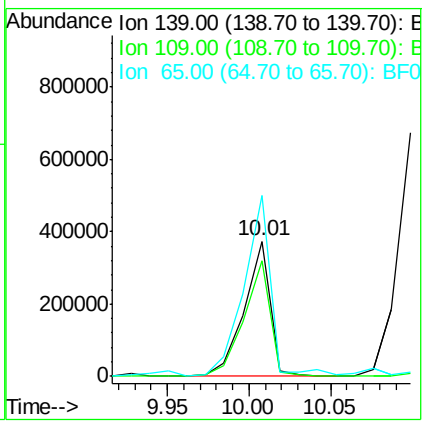


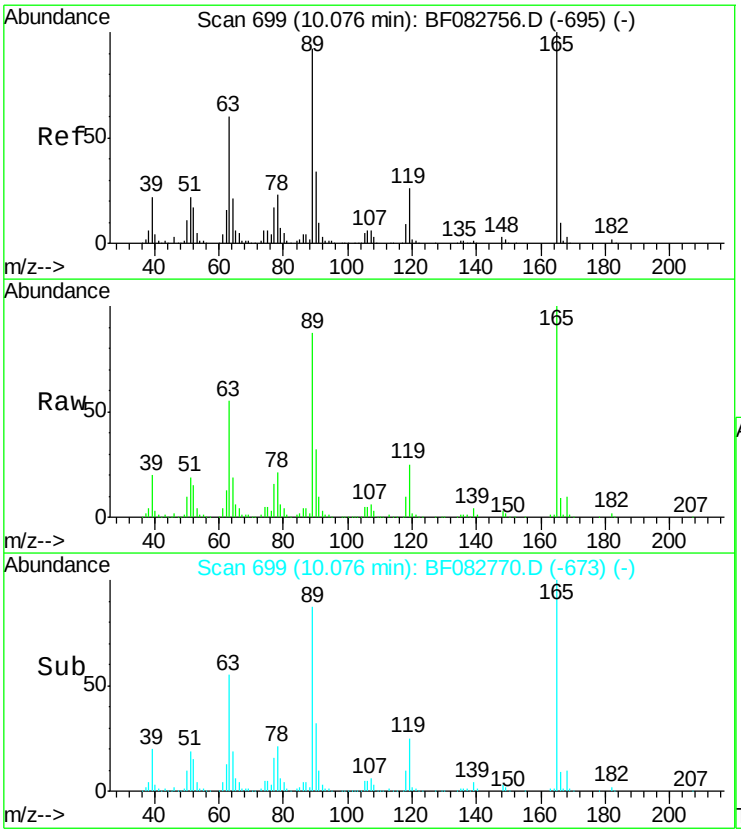
#55
4-Nitrophenol
Concen: 72.19 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:139 Resp: 418354

Ion	Ratio	Lower	Upper
139	100		
109	85.7	73.7	113.7
65	134.2	82.9	122.9#

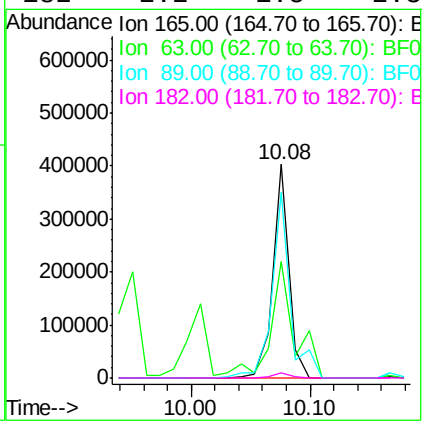


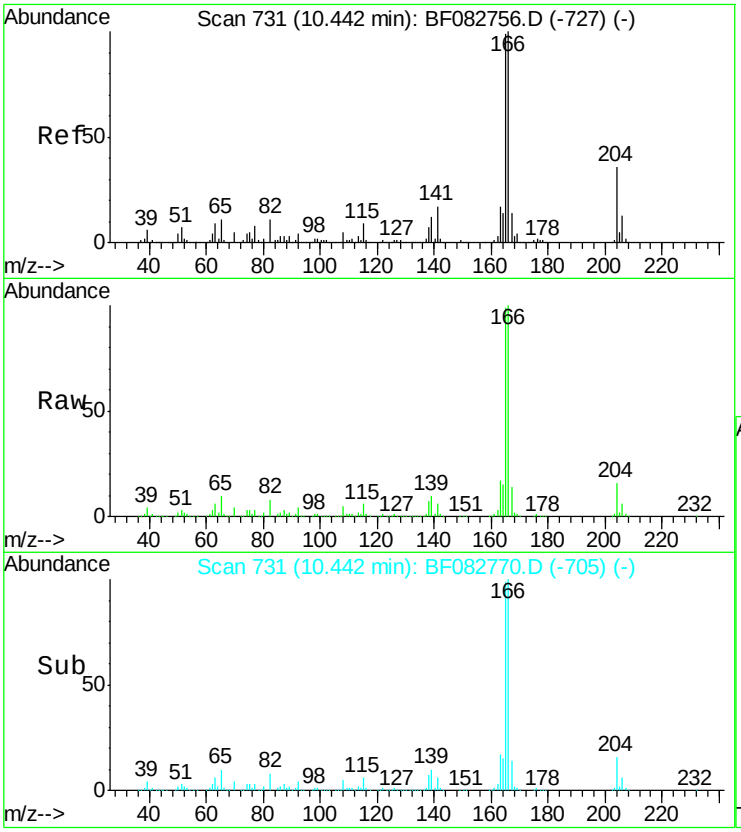


#56
2,4-Dinitrotoluene
Concen: 40.81 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:165 Resp: 380310

Ion	Ratio	Lower	Upper
165	100		
63	54.7	43.4	65.0
89	87.0	70.6	106.0
182	2.2	1.5	2.3



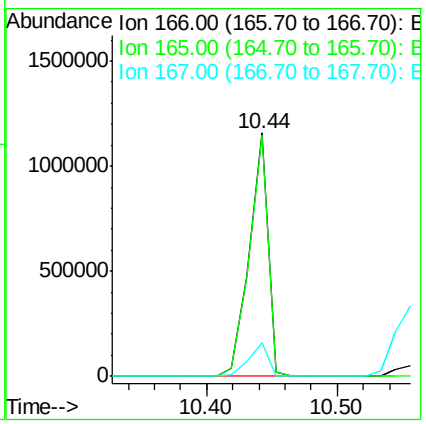


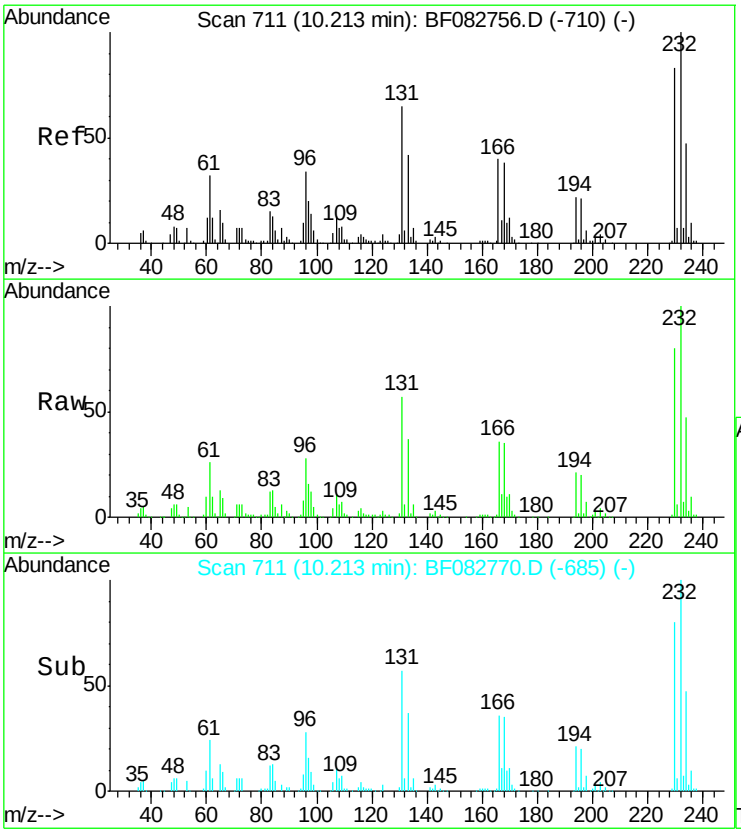
#57
Fluorene
Concen: 40.62 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:166 Resp: 1158544

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	13.7	11.2	16.8

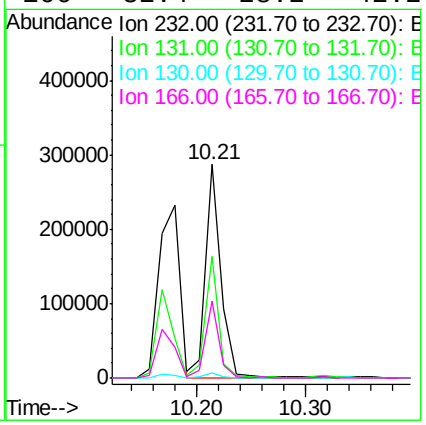


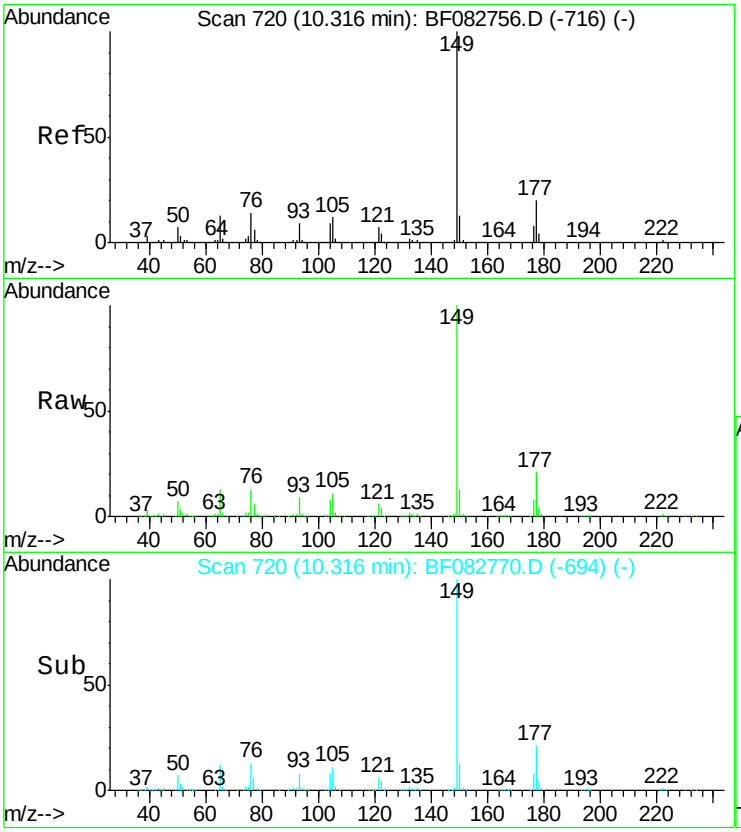


#58
2,3,4,6-Tetrachlorophenol
Concen: 36.64 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:232 Resp: 285041

Ion	Ratio	Lower	Upper
232	100		
131	50.2	46.2	69.2
130	2.2	2.4	3.6#
166	32.4	28.2	42.2



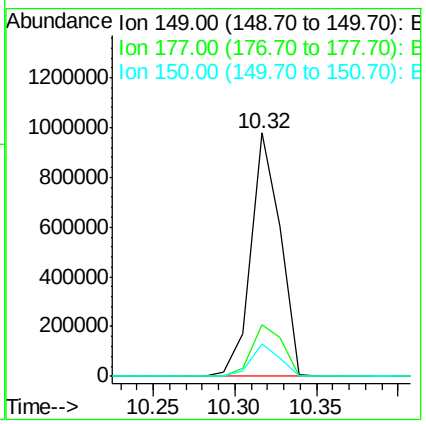


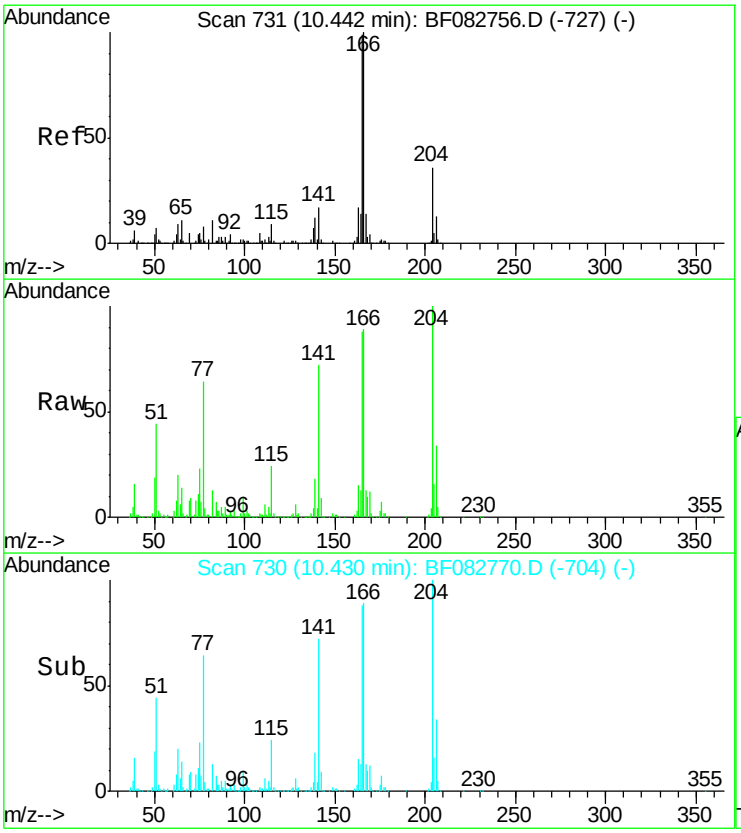
#59
Diethylphthalate
Concen: 38.65 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:149 Resp: 1214793

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.9	26.9
150	13.1	10.1	15.1

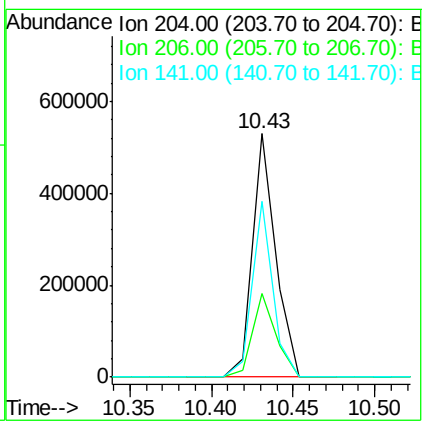


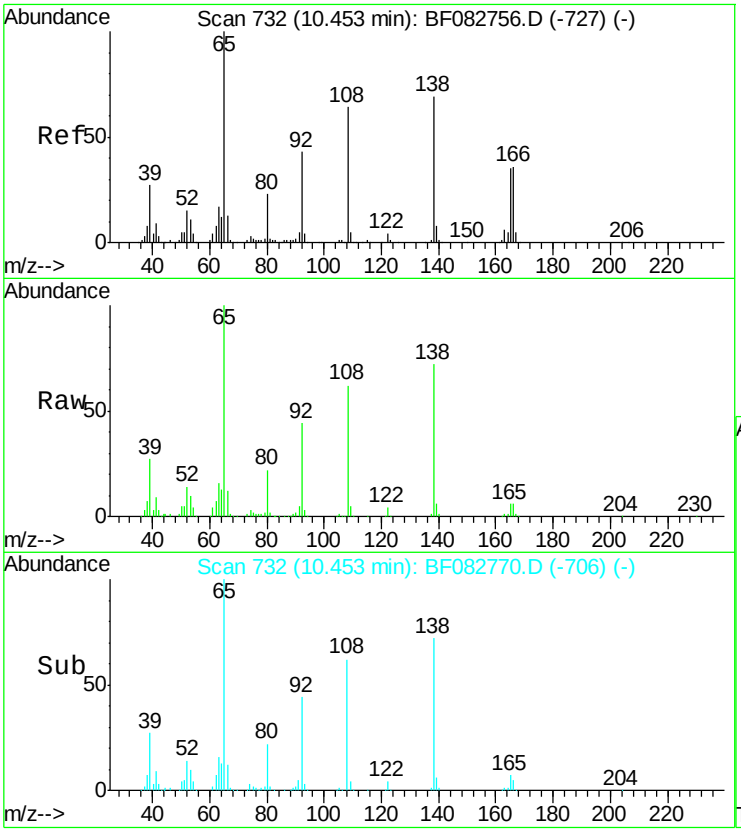


#60
4-Chlorophenyl-phenylether
Concen: 36.58 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:204 Resp: 521987

Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.5	42.7
141	72.0	44.6	66.8#



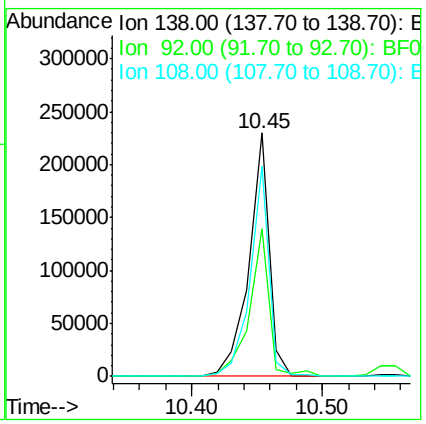


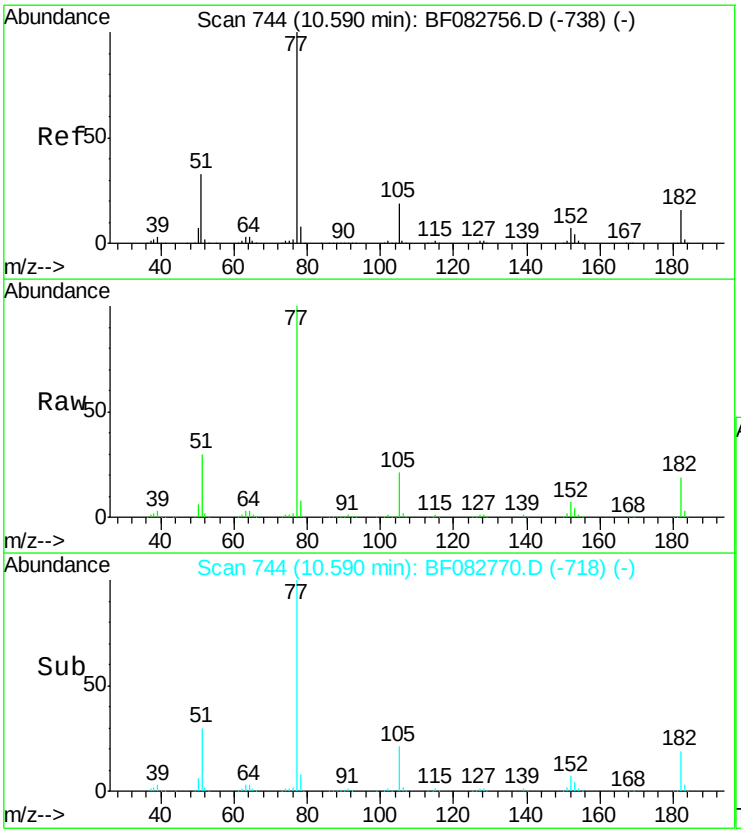
#61
4-Nitroaniline
Concen: 33.05 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:138 Resp: 251108

Ion	Ratio	Lower	Upper
138	100		
92	60.8	45.8	85.8
108	86.3	89.4	129.4#

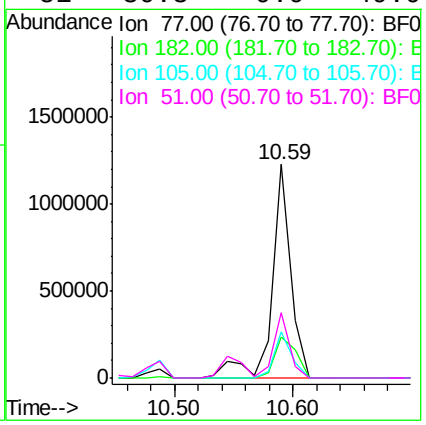


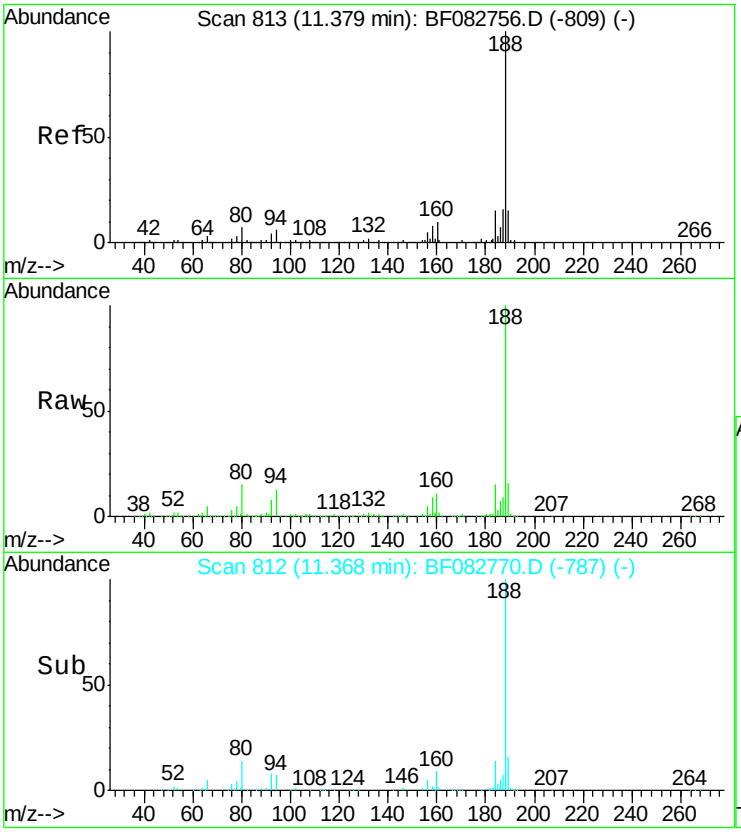


#62
Azobenzene
Concen: 40.16 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion: 77 Resp: 1355970

Ion	Ratio	Lower	Upper
77	100		
182	18.9	9.3	49.3
105	21.5	2.6	42.6
51	30.3	9.9	49.9



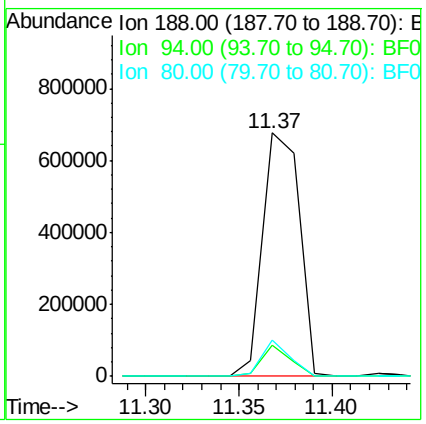


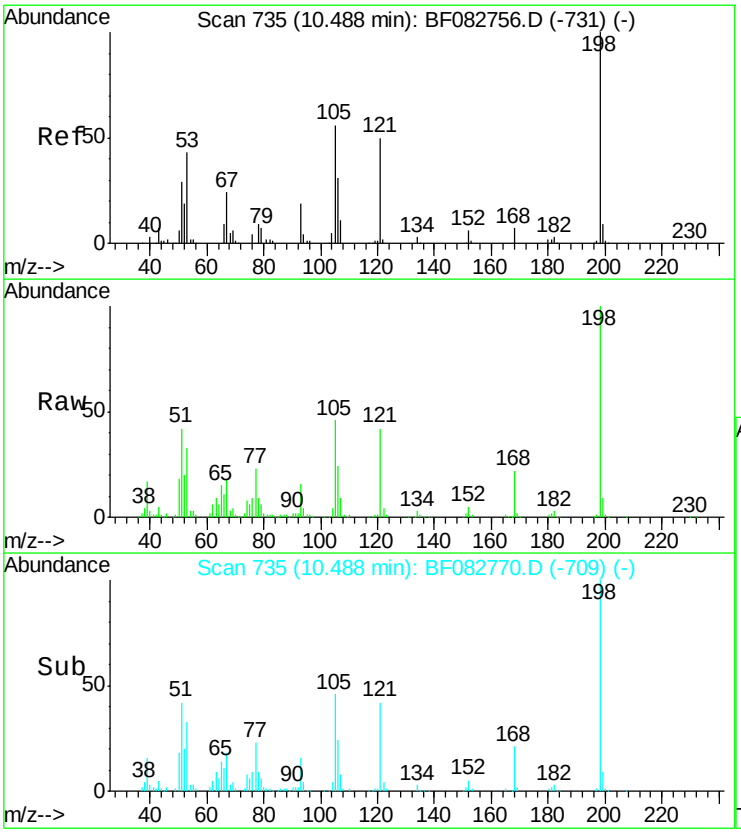
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:188 Resp: 925296

Ion	Ratio	Lower	Upper
188	100		
94	13.0	6.1	9.1#
80	14.7	7.0	10.6#

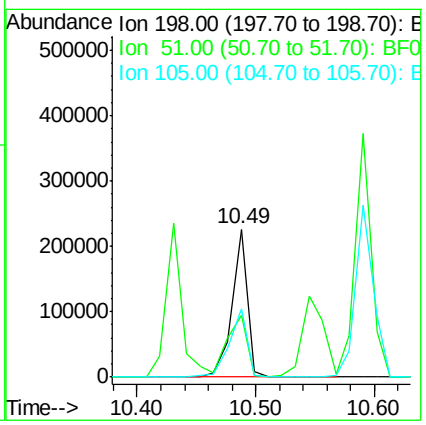


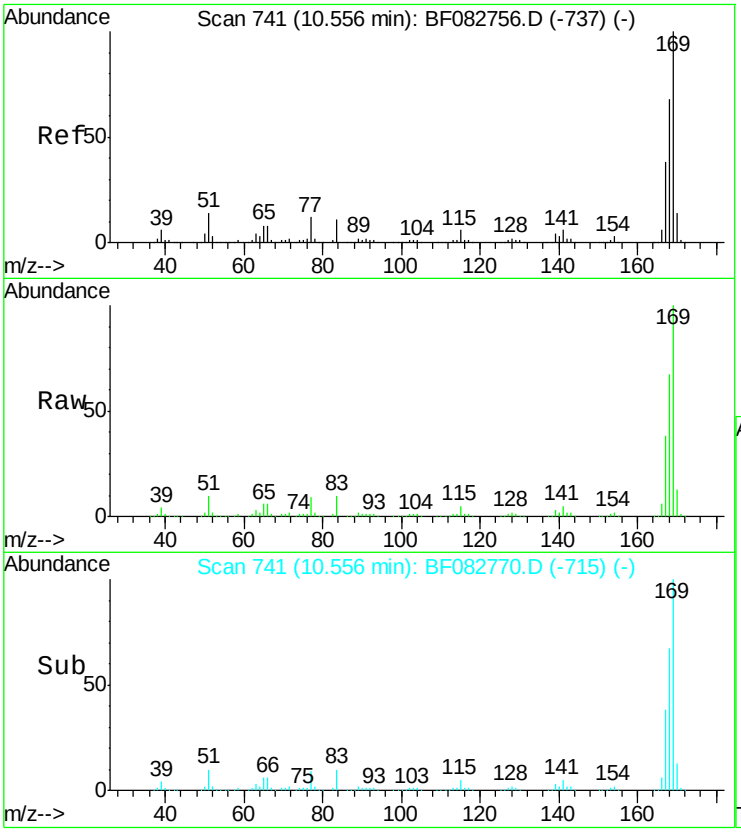


#64
4,6-Dinitro-2-methylphenol
Concen: 31.12 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:198 Resp: 205162

Ion	Ratio	Lower	Upper
198	100		
51	42.0	17.3	57.3
105	45.9	21.7	61.7



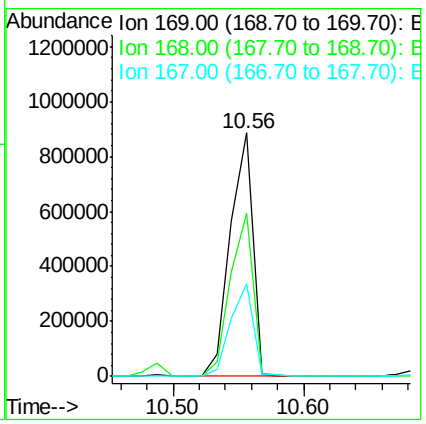


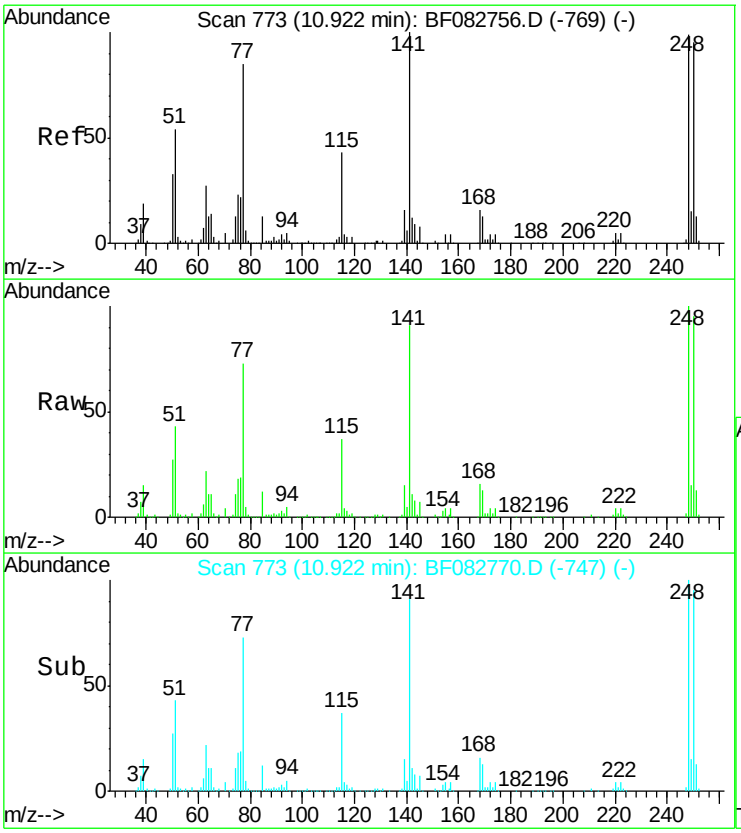
#65
n-Nitrosodiphenylamine
Concen: 31.62 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:169 Resp: 1057139

Ion	Ratio	Lower	Upper
169	100		
168	67.1	55.0	82.6
167	38.1	30.5	45.7

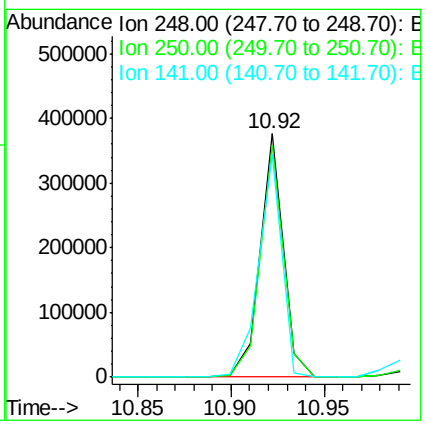


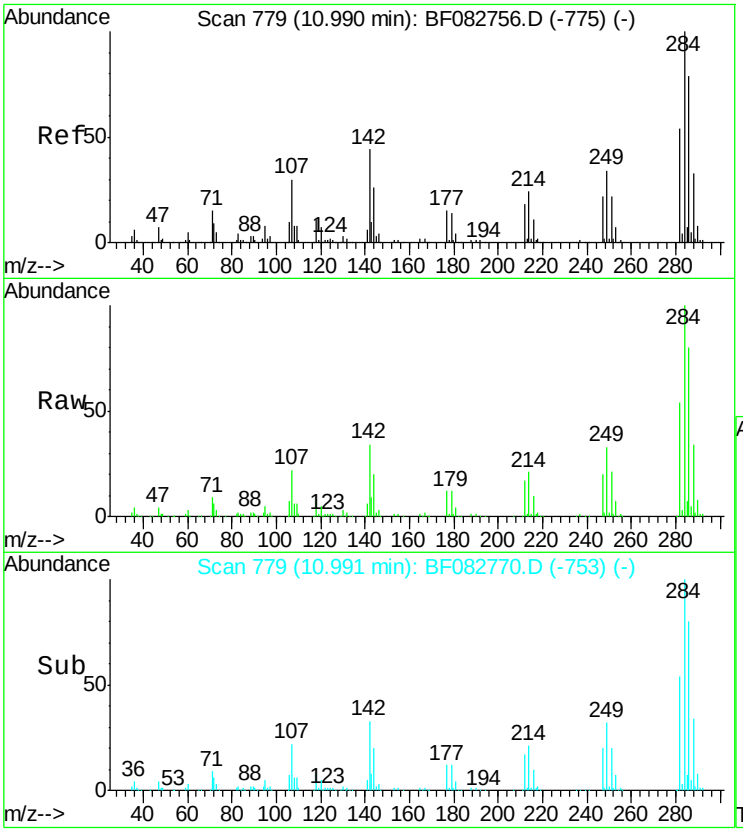


#66
4-Bromophenyl-phenylether
Concen: 28.75 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:248 Resp: 320310

Ion	Ratio	Lower	Upper
248	100		
250	95.3	79.4	119.2
141	91.4	36.3	54.5#



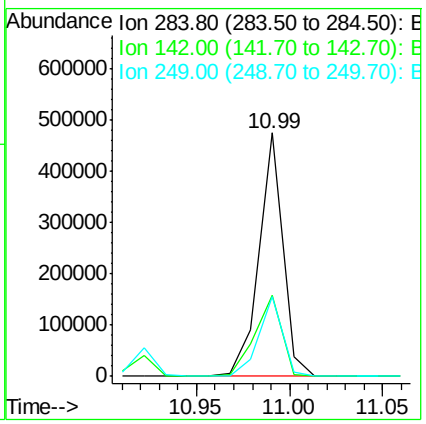


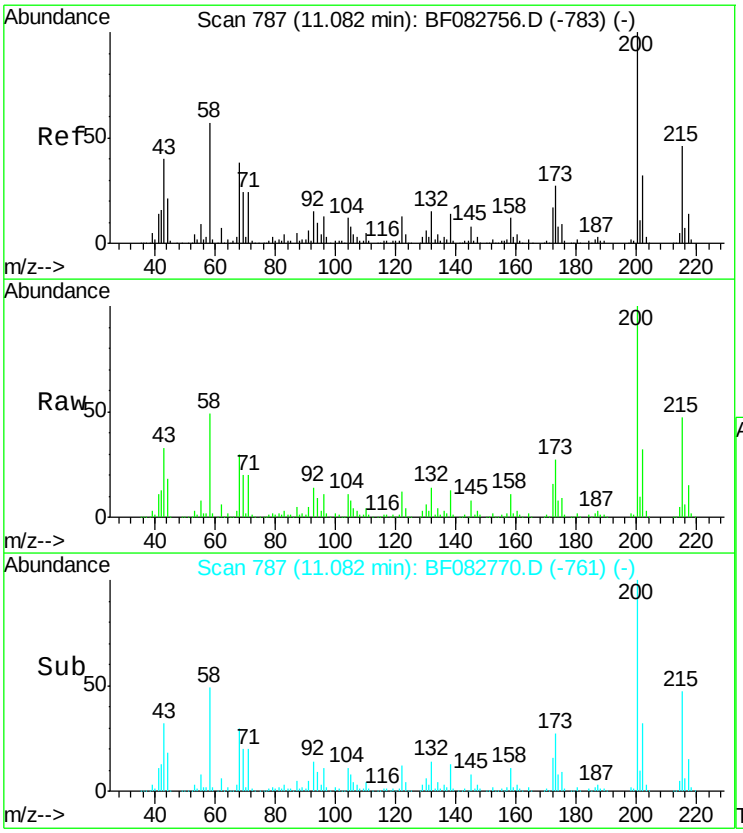
#67
Hexachlorobenzene
Concen: 33.70 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:284 Resp: 419258

Ion	Ratio	Lower	Upper
284	100		
142	33.5	47.9	71.9#
249	32.5	29.7	44.5

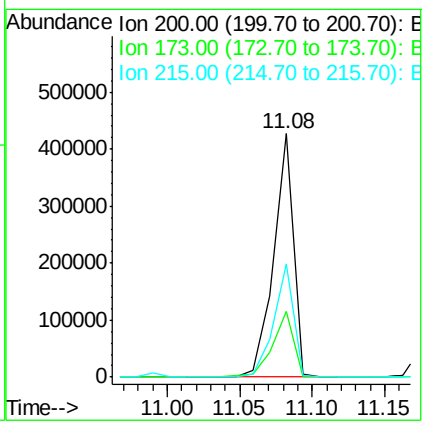


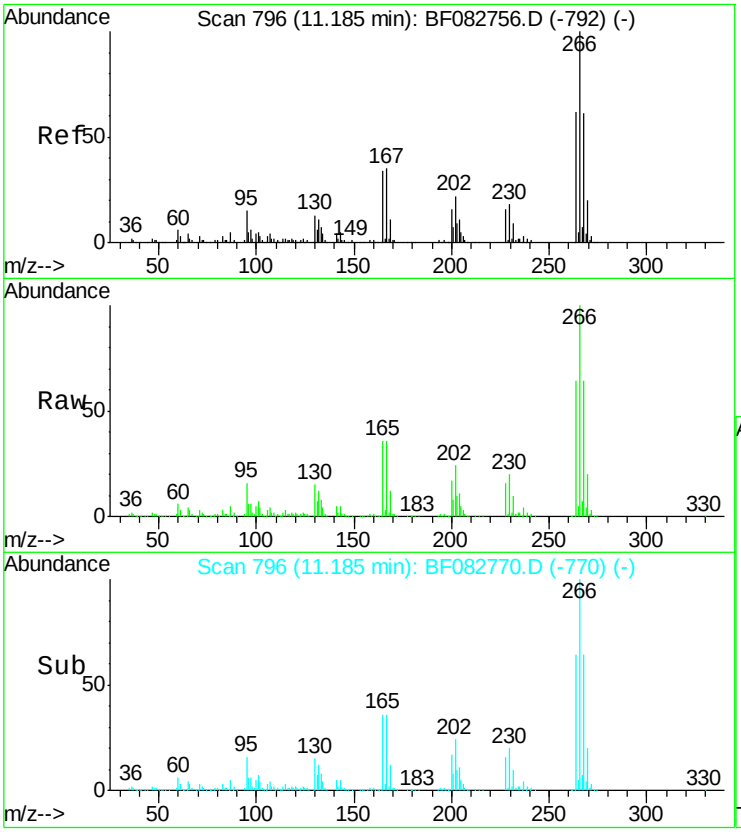


#68
Atrazine
Concen: 38.99 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:200 Resp: 403015

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.9	46.9
215	46.6	22.9	62.9



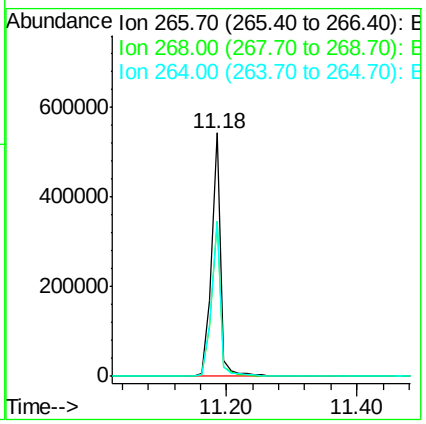


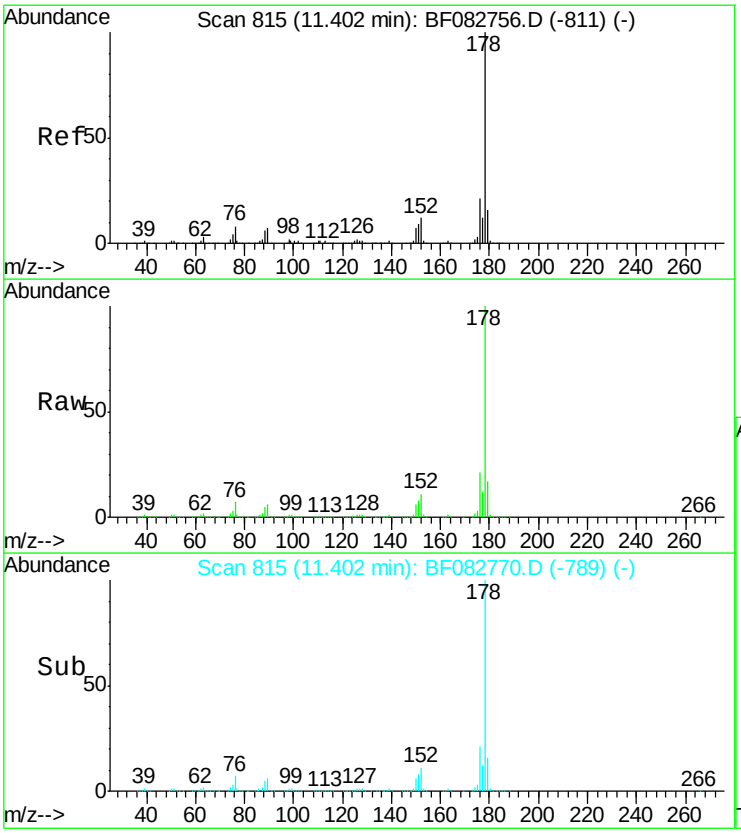
#69
Pentachlorophenol
Concen: 72.59 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:266 Resp: 548384

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	64.0	50.6	75.8

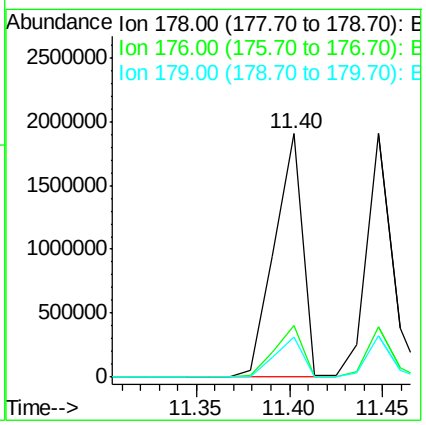


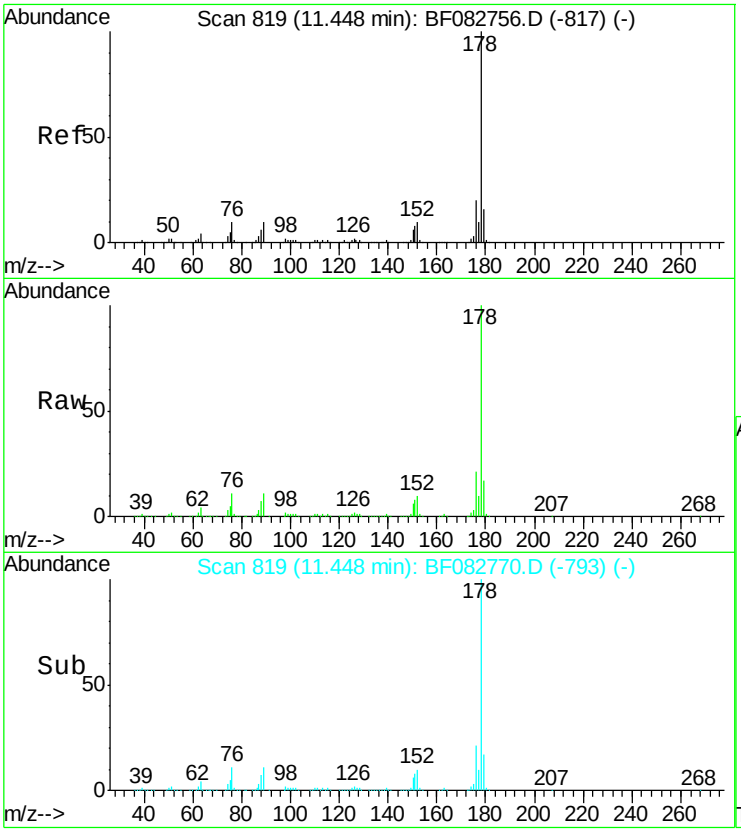


#70
Phenanthrene
Concen: 37.43 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:178 Resp: 2011428

Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.4
179	16.6	13.4	20.0



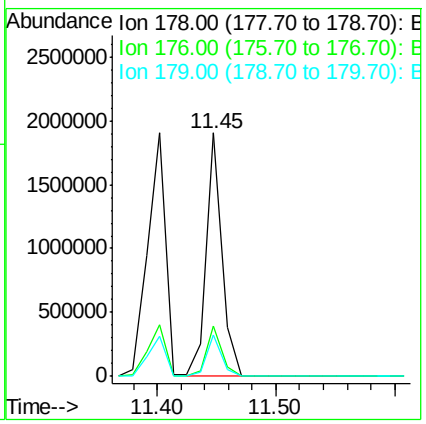


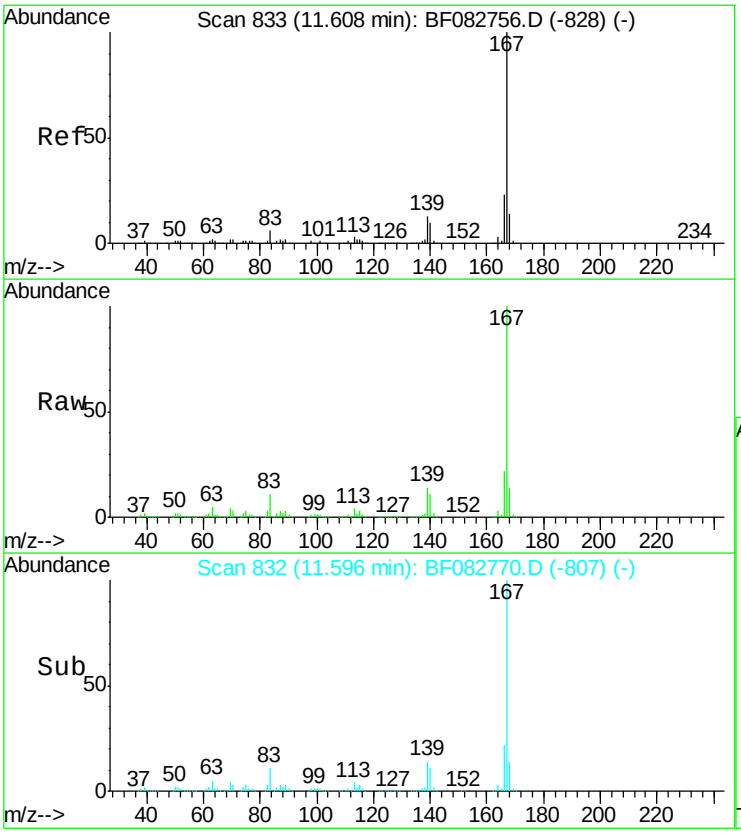
#71
Anthracene
Concen: 30.92 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:178 Resp: 1750376

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	16.9	13.2	19.8

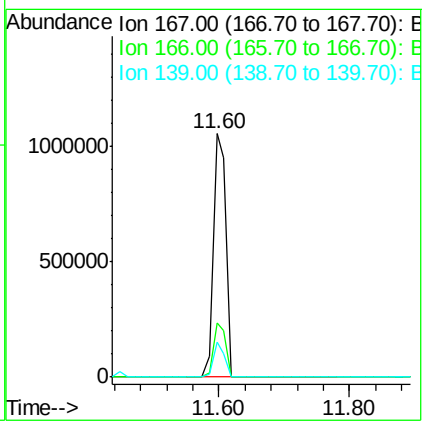


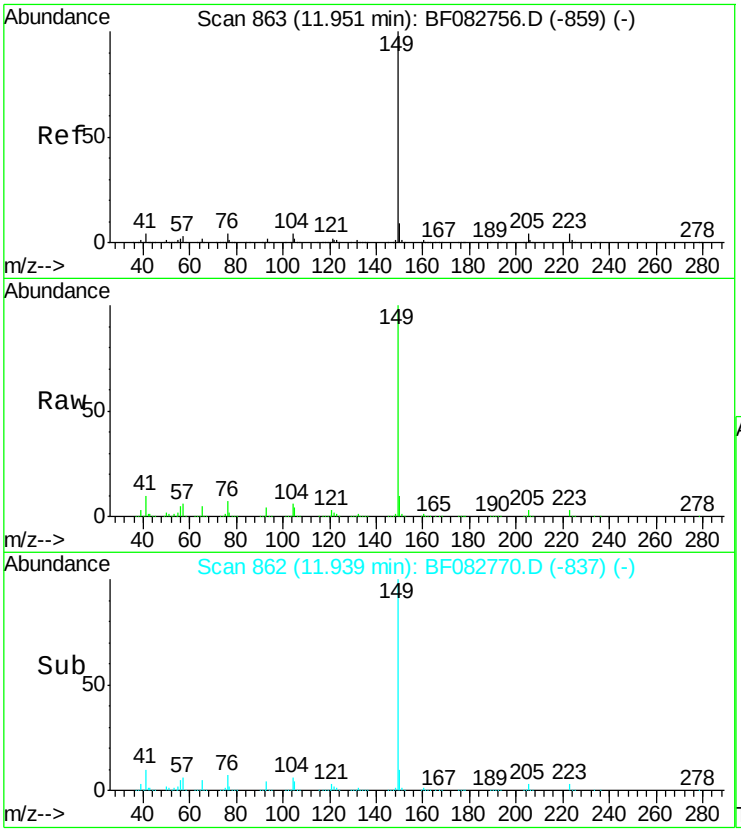


#72
Carbazole
Concen: 29.22 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:167 Resp: 1447826

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.7	28.1
139	14.4	11.8	17.6



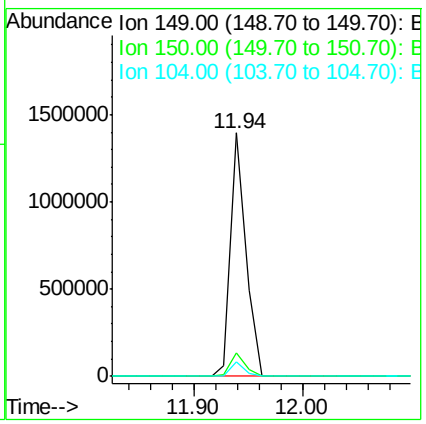


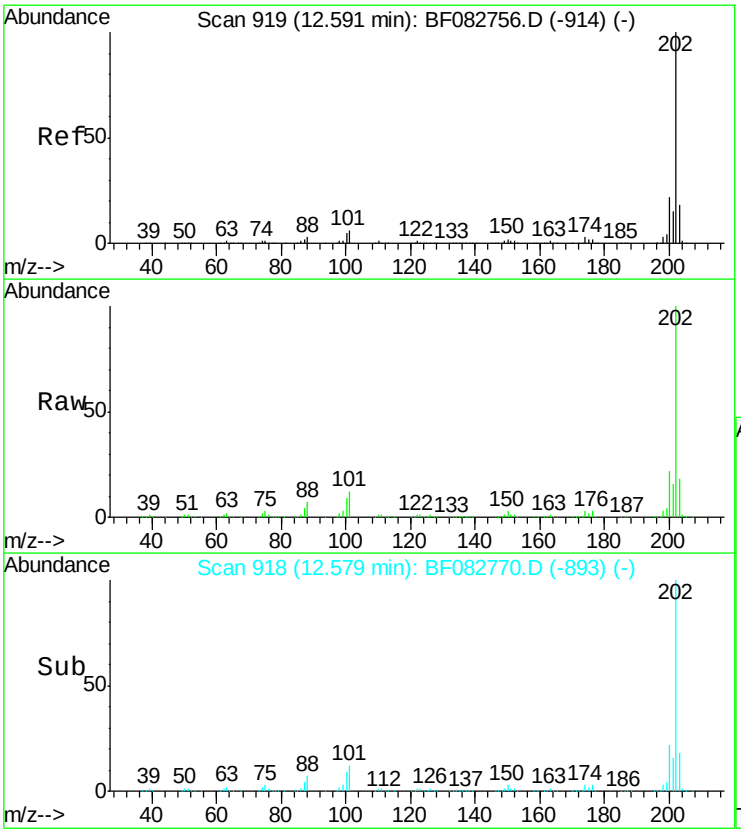
#73
Di-n-butylphthalate
Concen: 21.69 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:149 Resp: 1338898

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	6.1	5.2	7.8

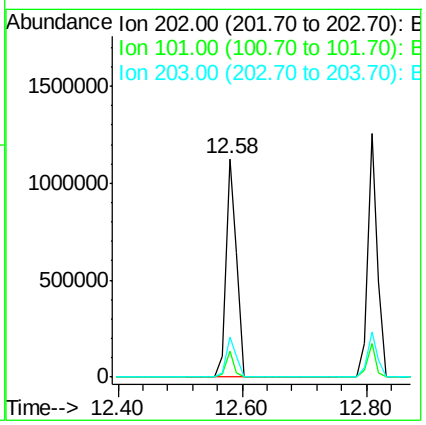


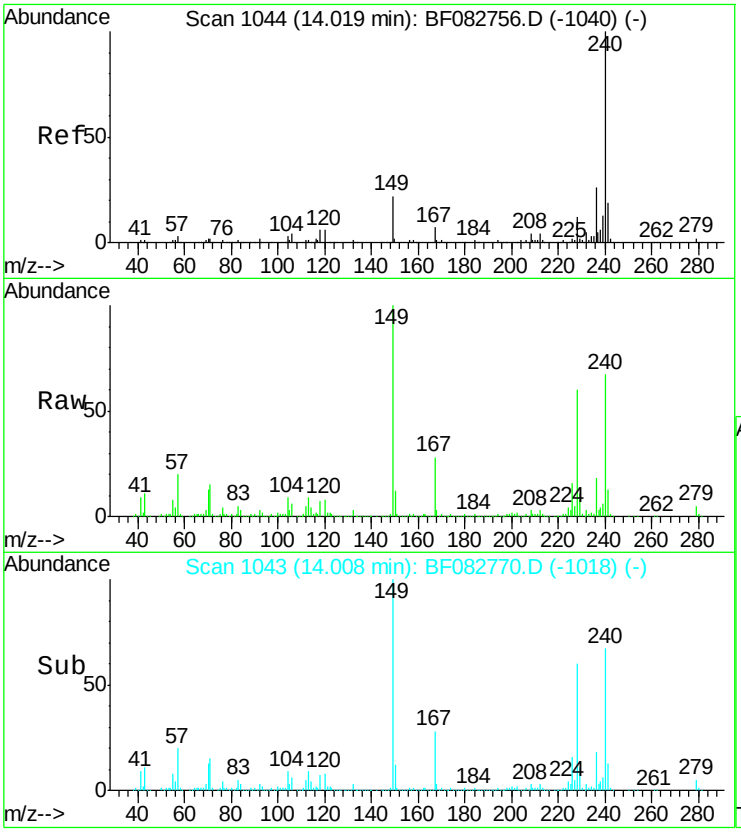


#74
Fluoranthene
Concen: 22.60 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:202 Resp: 1303438

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.5
203	18.2	0.0	38.5



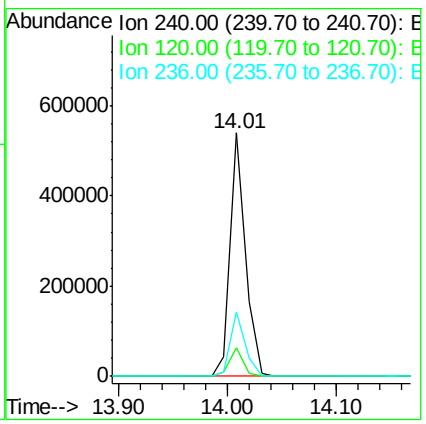


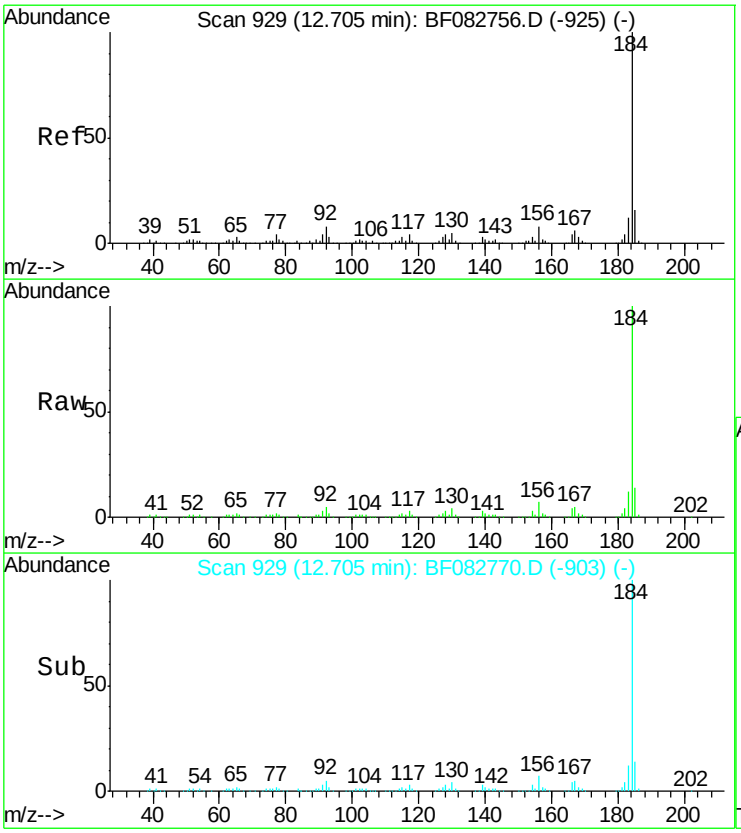
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:240 Resp: 520709

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.9	16.3
236	26.4	21.6	32.4

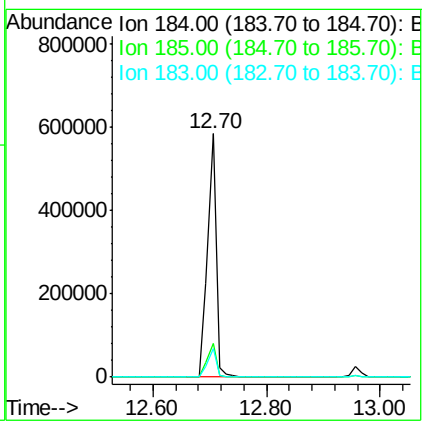


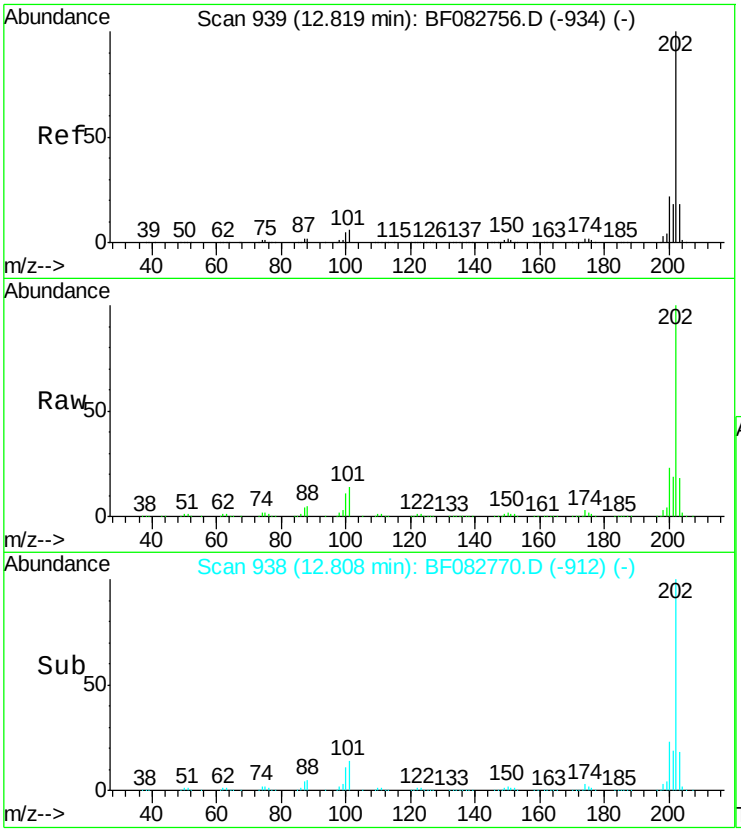


#76
Benzidine
Concen: 33.70 ng
RT: 12.70 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:184 Resp: 588098

Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.0	18.0
183	11.8	9.6	14.4



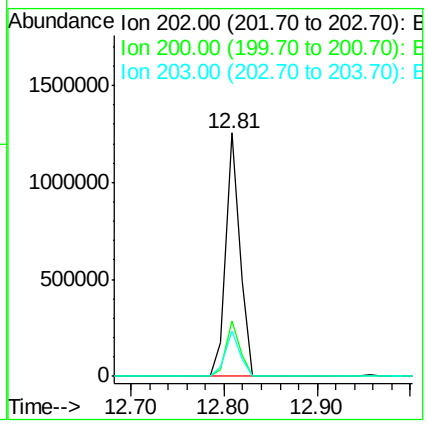


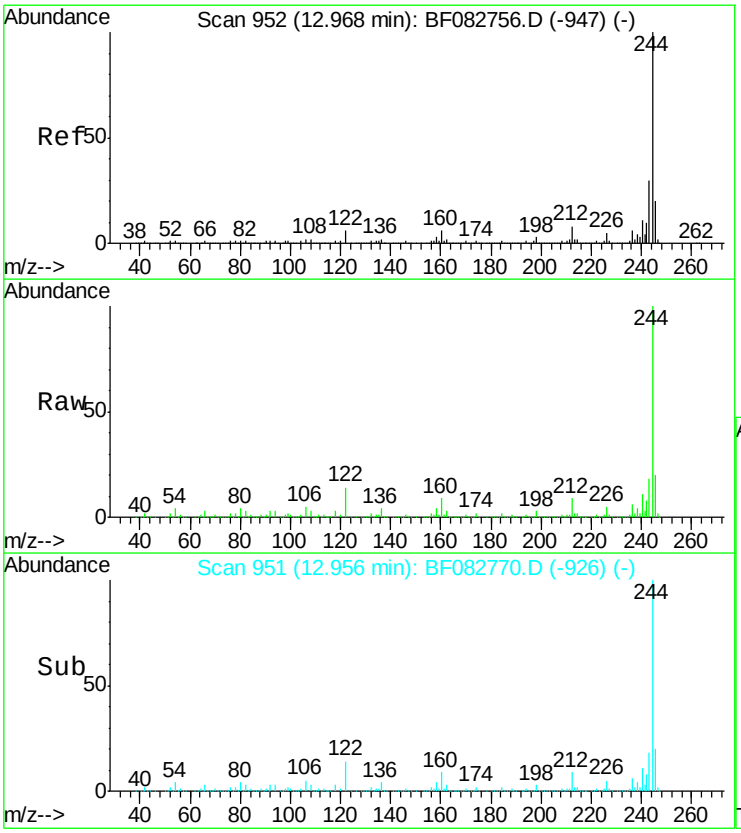
#77
Pyrene
Concen: 37.10 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:202 Resp: 1326597

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.7	28.1
203	18.5	14.8	22.2

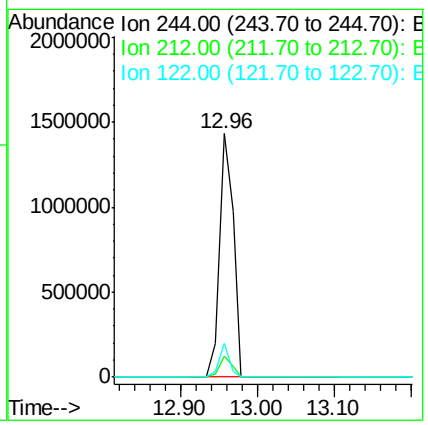


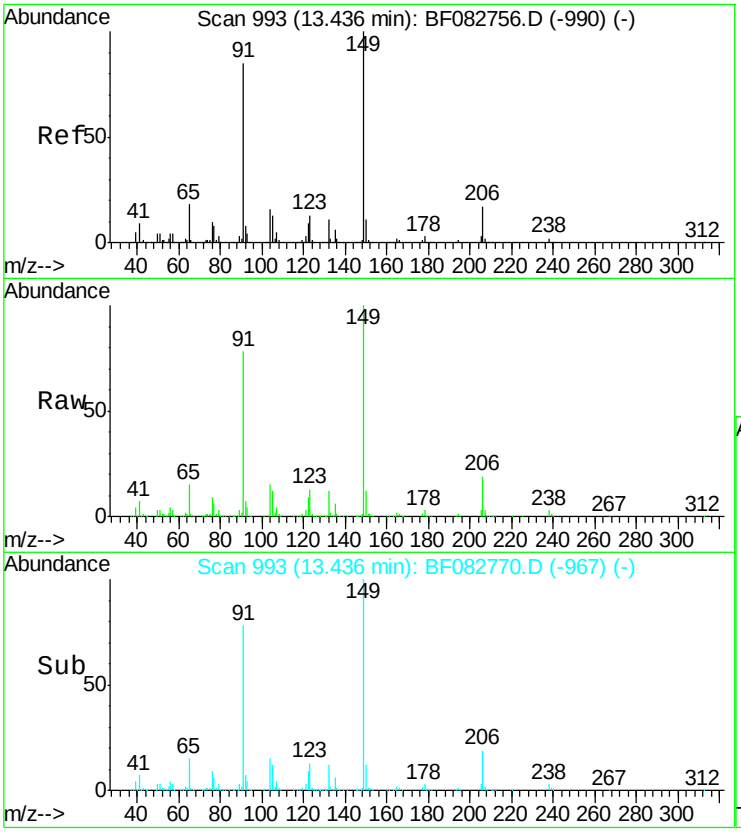


#78
Terphenyl-d14
Concen: 81.82 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:244 Resp: 1796266

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.6	11.4
122	13.7	11.3	16.9



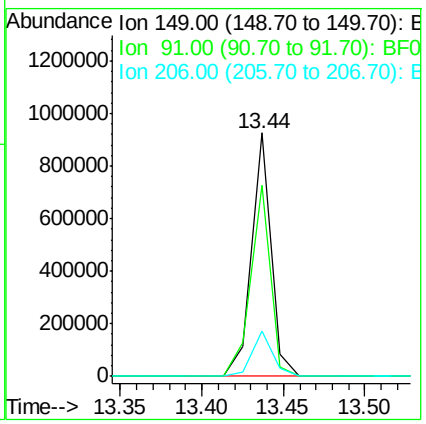


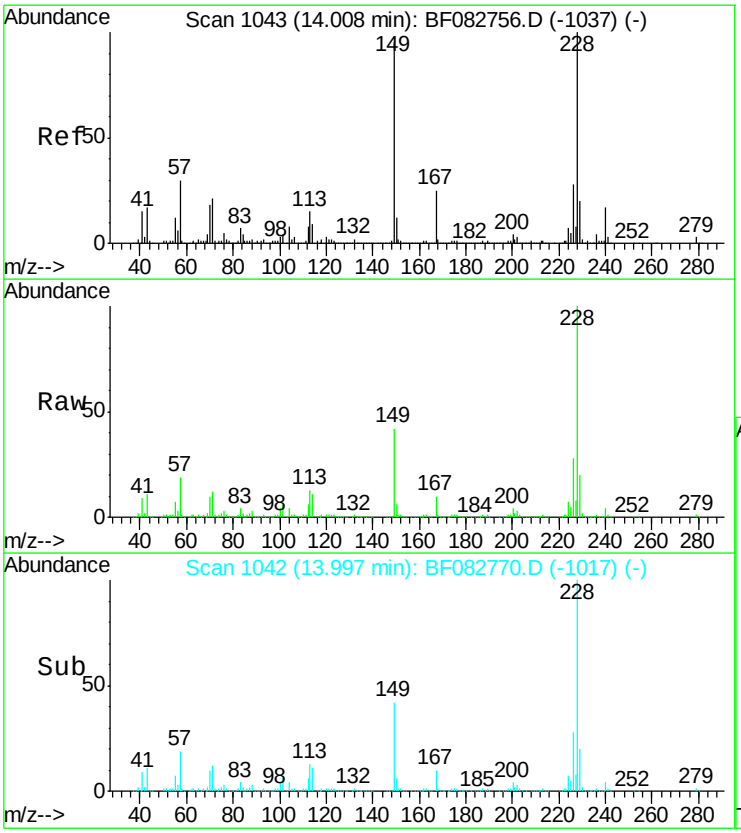
#79
Butylbenzylphthalate
Concen: 48.89 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:149 Resp: 772356

Ion	Ratio	Lower	Upper
149	100		
91	78.5	67.7	101.5
206	18.5	14.6	22.0

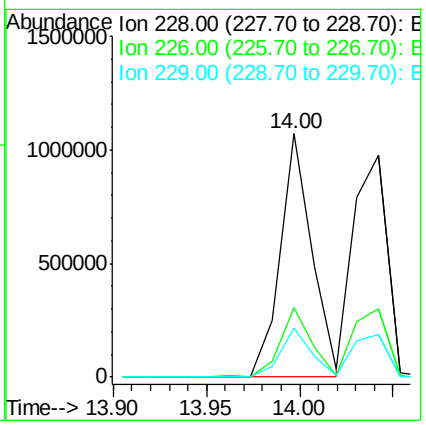


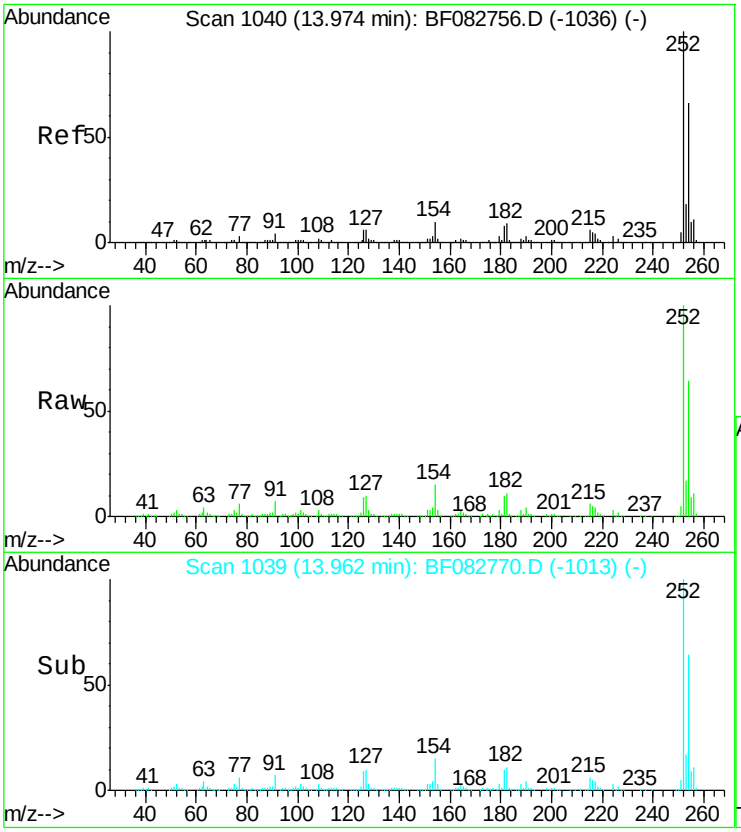


#80
Benzo(a)anthracene
Concen: 38.94 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:228 Resp: 1268054

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.4	16.3	24.5



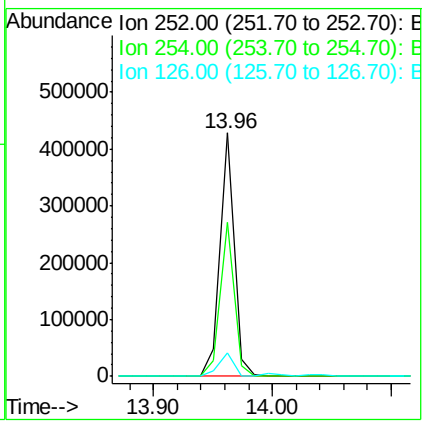


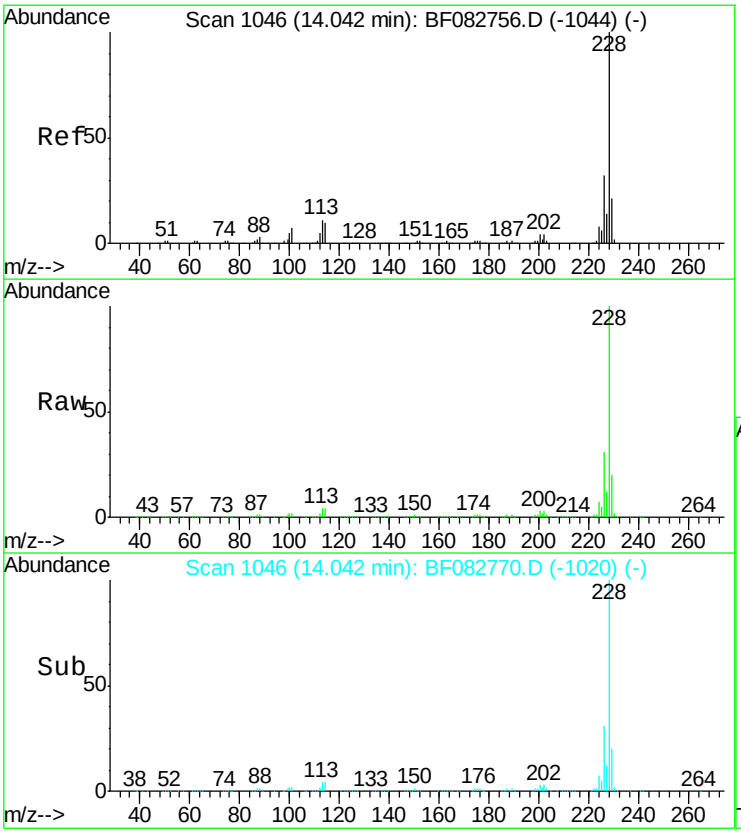
#81
3,3'-Dichlorobenzidine
Concen: 30.29 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:252 Resp: 350644

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.0
126	9.4	10.7	16.1#

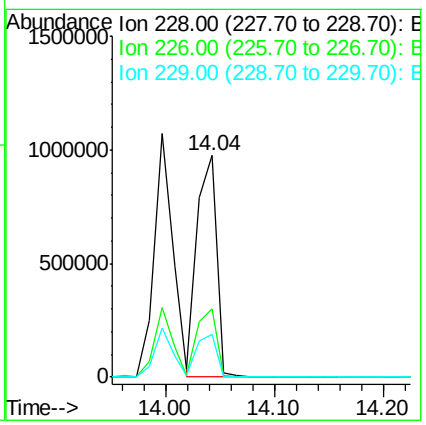


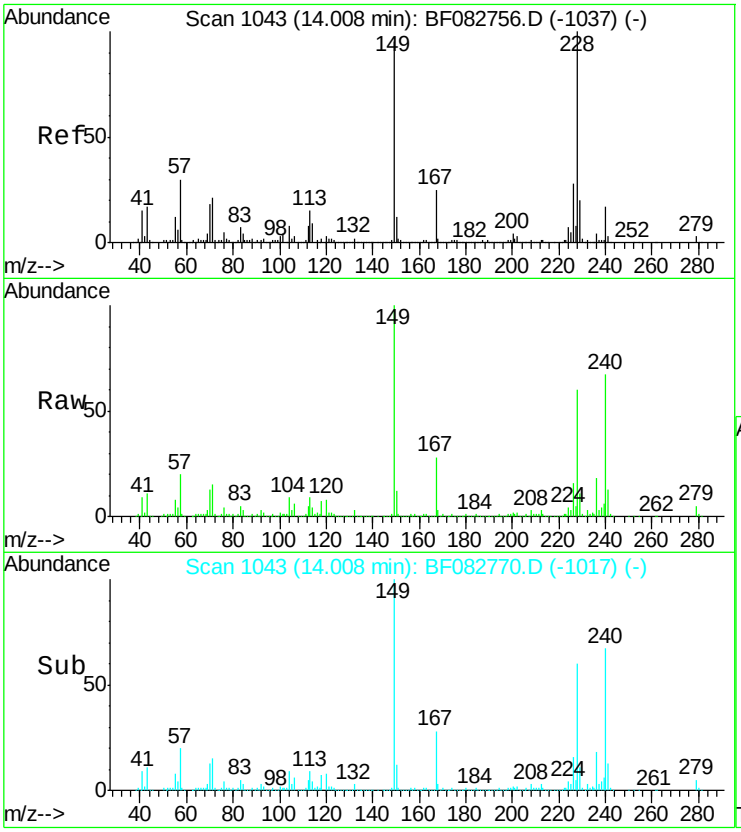


#82
Chrysene
Concen: 41.31 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:228 Resp: 1232026

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	19.5	16.3	24.5



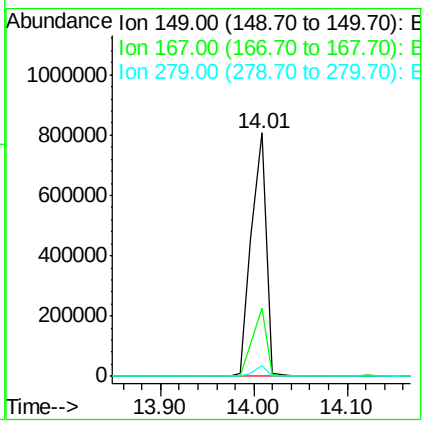


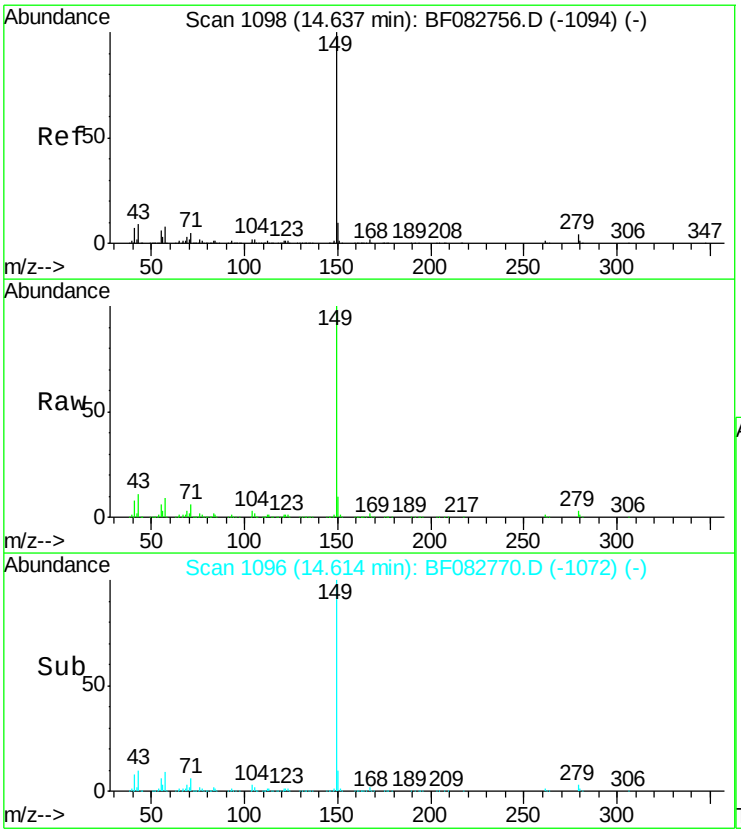
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.94 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:149 Resp: 885231

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.2	31.8
279	4.6	2.2	3.2#

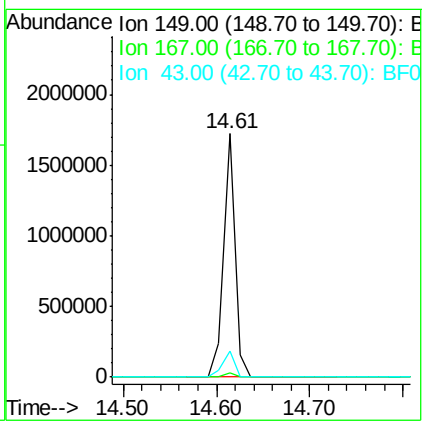


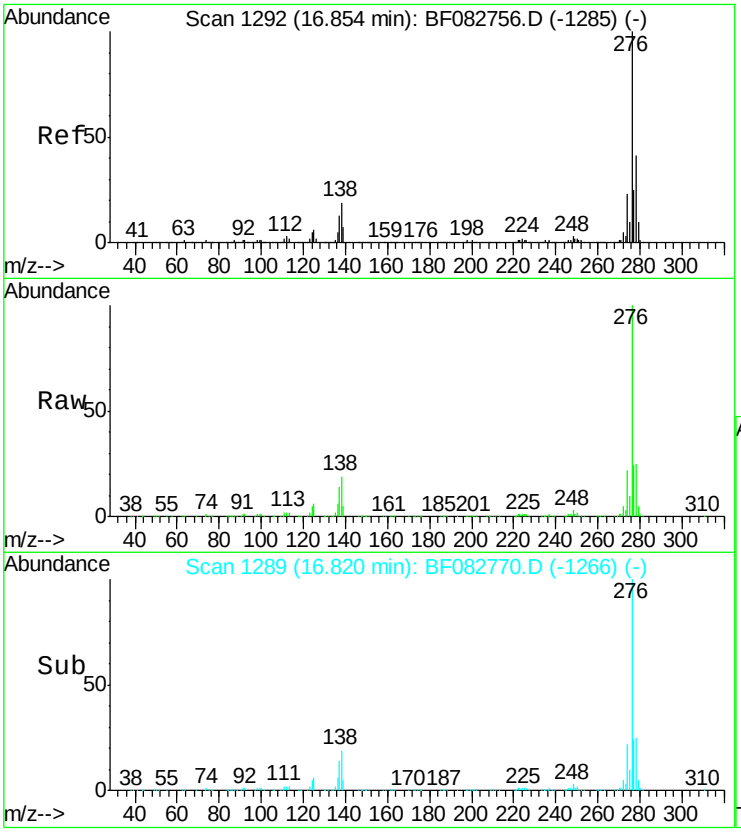


#84
Di-n-octyl phthalate
Concen: 40.51 ng
RT: 14.61 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:149 Resp: 1461158

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.4	10.1	15.1



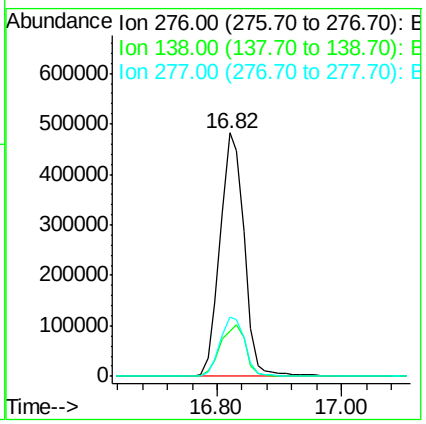


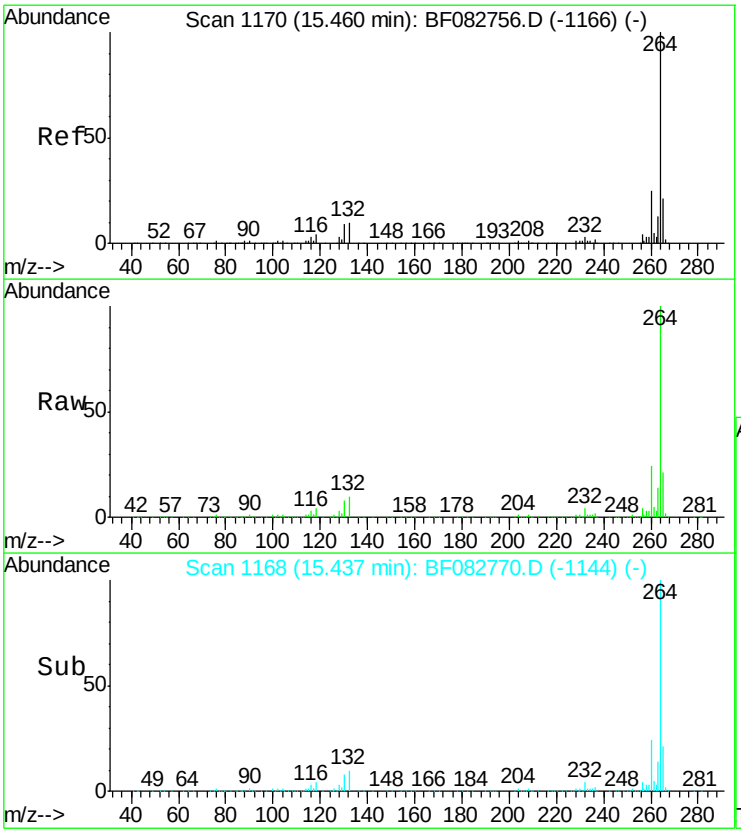
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.44 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:276 Resp: 1295509

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.3	22.9
277	25.3	20.2	30.4

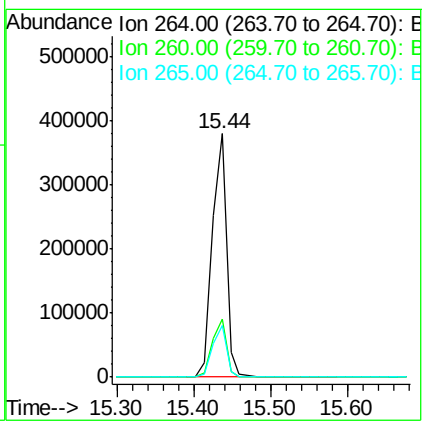


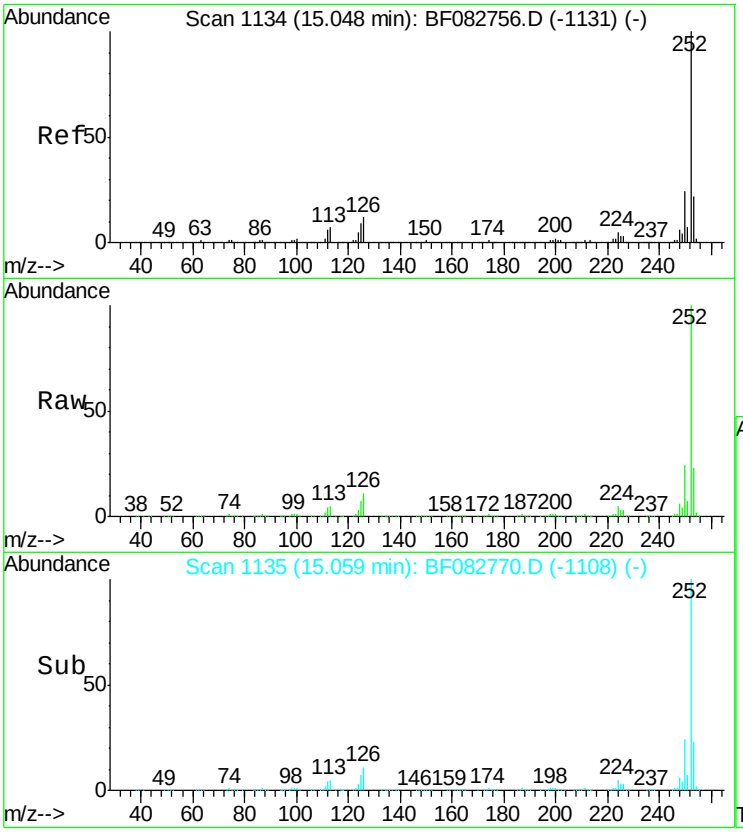


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:264 Resp: 485811

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.2	17.4	26.0



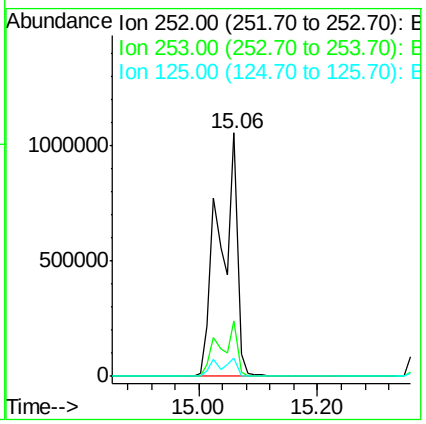


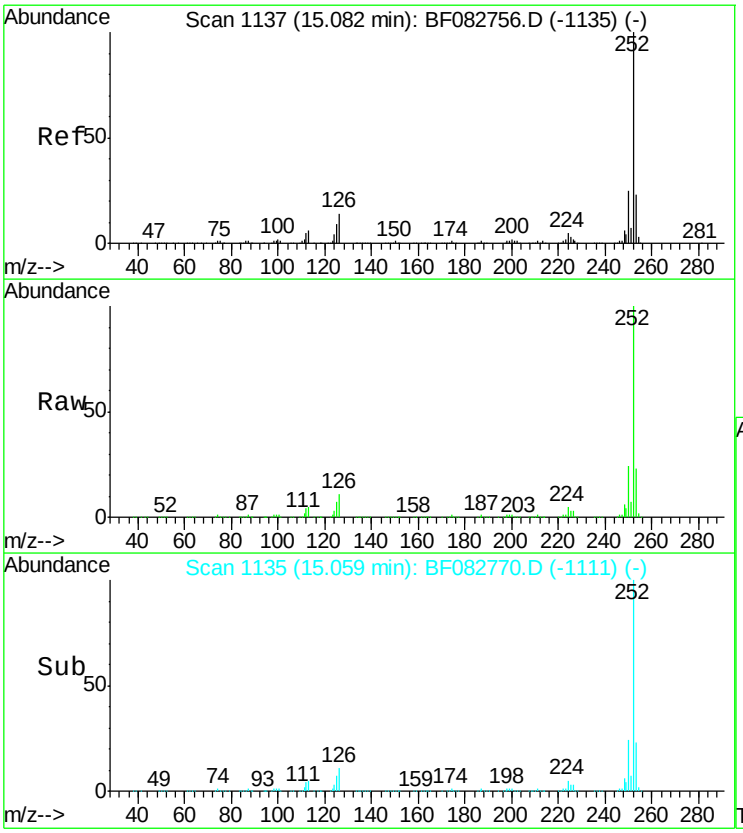
#87
Benzo(b)fluoranthene
Concen: 70.31 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:252 Resp: 2192507

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	7.3	5.4	8.2

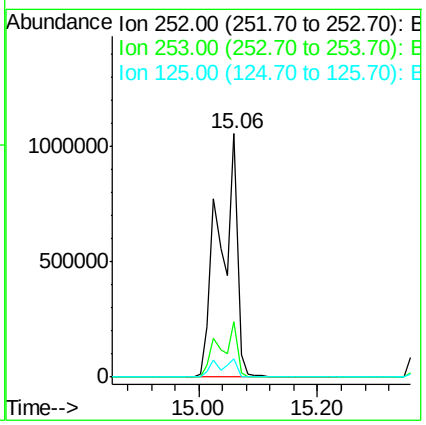


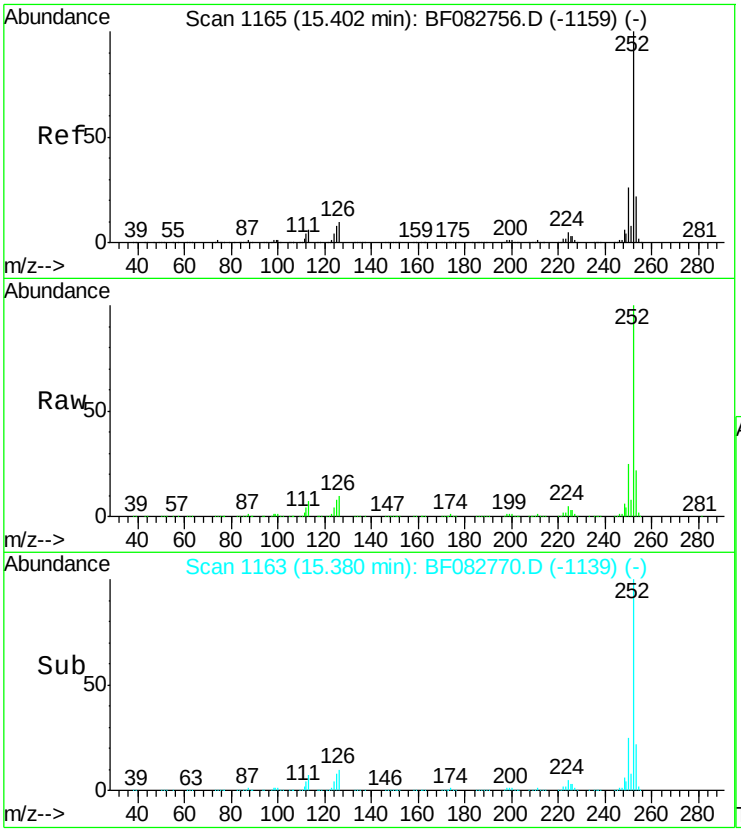


#88
Benzo(k)fluoranthene
Concen: 79.26 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:252 Resp: 2192507

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	7.3	3.5	5.3#



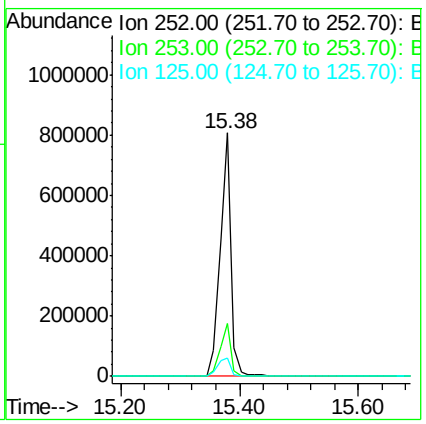


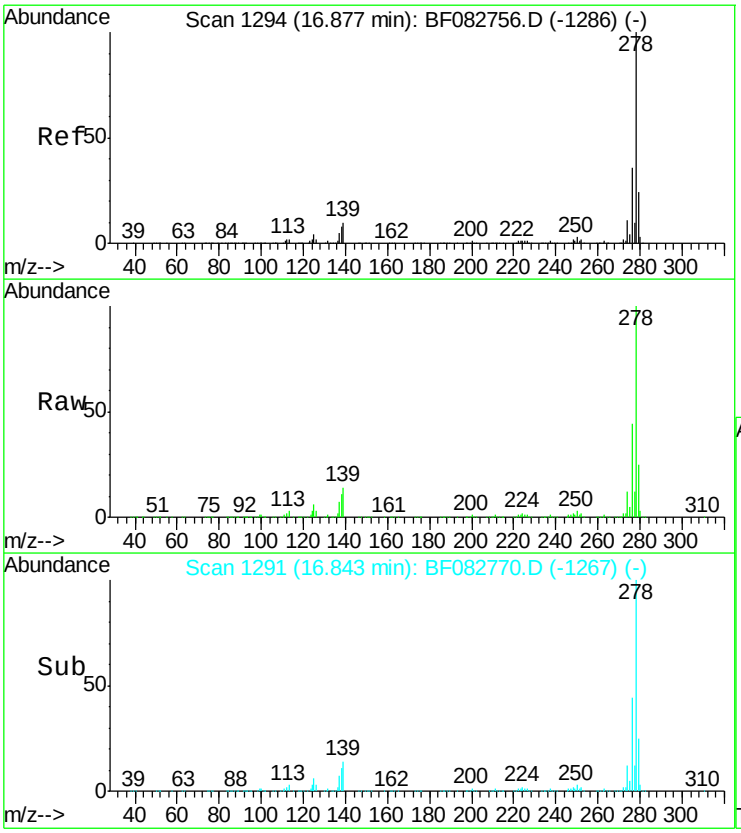
#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:252 Resp: 1018224

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	7.8	7.1	10.7

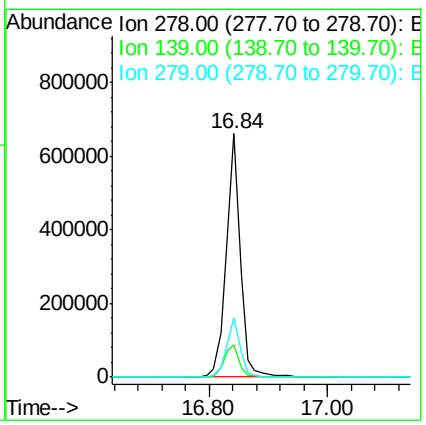


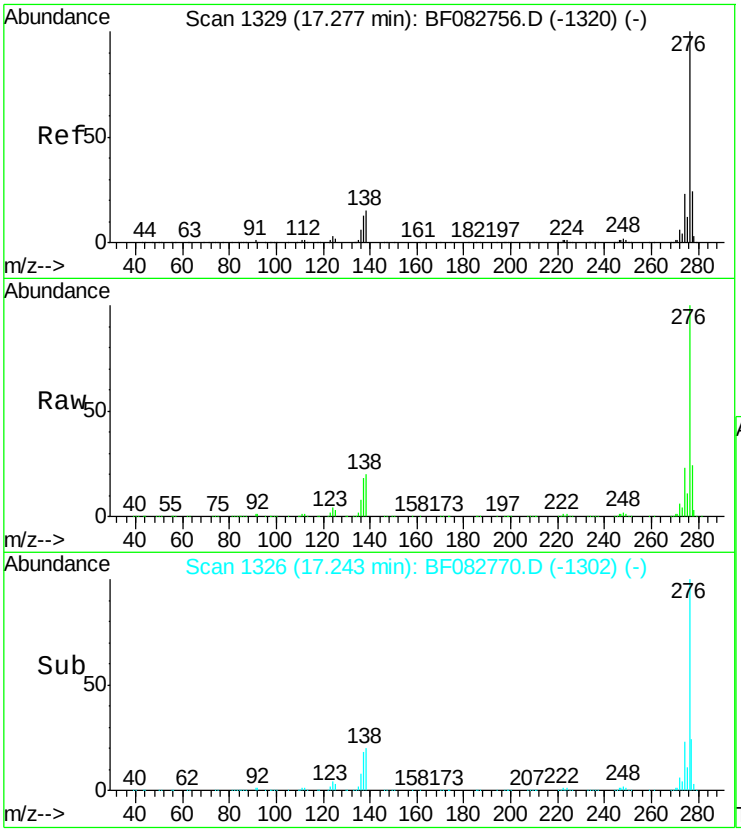


#90
Dibenzo(a,h)anthracene
Concen: 47.27 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:278 Resp: 1081412

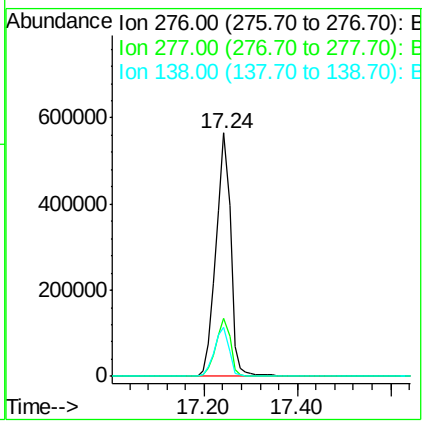
Ion	Ratio	Lower	Upper
278	100		
139	13.5	9.9	14.9
279	24.6	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 55.58 ng
RT: 17.24 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tgt Ion:276 Resp: 1217854

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.4	13.1	19.7#