Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084815.D
Acq On : 4 Feb 2016 5:32
Operator : SJ/IZ
Sample : H1312-09MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B005(34-36)MSD

Quant Time: Feb 04 06:07:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	183541	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	747237	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	351988	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	633237	20.00	ng		0.00
75) Chrysene-d12	13.84	240	404643	20.00	ng		0.00
86) Perylene-d12	15.21	264	357098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1587003	134.68	ng		0.01
7) Phenol-d6	6.35	99	1953358	133.72	ng		0.01
23) Nitrobenzene-d5	7.26	82	1216097	91.68	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	506388	137.92	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1920569	96.09	ng		0.00
78) Terphenyl-d14	12.80	244	1630066	91.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	189188	36.65	ng	#	74
3) Pyridine	2.92	79	589899	43.86	ng	#	76
4) n-Nitrosodimethylamine	2.89	42	328452	47.22	ng		84
6) Aniline	6.36	93	580965	32.50	ng	#	1
8) 2-Chlorophenol	6.48	128	590789	44.29	ng		92
9) Benzaldehyde	6.22	77	232490	26.95	ng		93
10) Phenol	6.36	94	853350	52.14	ng		97
11) bis(2-Chloroethyl)ether	6.43	93	558444	43.76	ng	#	81
12) 1,3-Dichlorobenzene	6.62	146	595278	42.24	ng	#	93
13) 1,4-Dichlorobenzene	6.70	146	628201	44.59	ng		95
14) 1,2-Dichlorobenzene	6.86	146	552503	42.11	ng		93
15) Benzyl Alcohol	6.84	79	487779	48.36	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	883659	41.16	ng		92
17) 2-Methylphenol	6.97	107	493240	46.76	ng	#	91
18) Hexachloroethane	7.20	117	233633	43.07	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	428265	46.77	ng	#	74
20) 3+4-Methylphenols	7.13	107	634946	48.49	ng		88
22) Acetophenone	7.10	105	882160	44.79	ng		99
24) Nitrobenzene	7.28	77	591356	41.63	ng		94
25) Isophorone	7.53	82	1193470	46.27	ng		98
26) 2-Nitrophenol	7.60	139	328803	46.93	ng	#	87
27) 2,4-Dimethylphenol	7.65	122	612638	50.27	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	745927	48.75	ng		98
29) 2,4-Dichlorophenol	7.85	162	528134	50.65	ng		94
30) 1,2,4-Trichlorobenzene	7.92	180	503933	42.79	ng		98
31) Naphthalene	8.00	128	1595213	42.56	ng		99
32) Benzoic acid	7.73	122	23788	3.05	ng		93
33) 4-Chloroaniline	8.05	127	320725	20.69	ng		97
34) Hexachlorobutadiene	8.12	225	300643	44.27	ng		99
35) Caprolactam	8.44	113	88042	27.40	ng	#	55
36) 4-Chloro-3-methylphenol	8.56	107	554671	46.63	ng		98
37) 2-Methylnaphthalene	8.69	142	1209618	51.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	442359	39.57	ng		99
40) Hexachlorocyclopentadiene	8.84	237	375346	77.17	ng		96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084815.D
Acq On : 4 Feb 2016 5:32
Operator : SJ/IZ
Sample : H1312-09MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B005(34-36)MSD

Quant Time: Feb 04 06:07:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	369629	51.32	ng		93
43) 2,4,5-Trichlorophenol	9.02	196	336950	46.05	ng		97
45) 1,1'-Biphenyl	9.16	154	1365227	43.42	ng		95
46) 2-Chloronaphthalene	9.17	162	979439	42.30	ng		97
47) 2-Nitroaniline	9.28	65	327343	44.65	ng		97
48) Acenaphthylene	9.60	152	1596655	45.44	ng		99
49) Dimethylphthalate	9.47	163	1530277	57.08	ng	#	90
50) 2,6-Dinitrotoluene	9.53	165	255303	43.59	ng	#	59
51) Acenaphthene	9.77	154	996198	43.58	ng		97
52) 3-Nitroaniline	9.69	138	165482	25.15	ng		99
53) 2,4-Dinitrophenol	9.80	184	66038	28.46	ng		91
54) Dibenzofuran	9.94	168	1385467	49.59	ng		99
55) 4-Nitrophenol	9.88	139	423924	87.65	ng		89
56) 2,4-Dinitrotoluene	9.93	165	292538	39.16	ng	#	67
57) Fluorene	10.28	166	1048614	44.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	261765	46.99	ng		92
59) Diethylphthalate	10.17	149	1194489	45.63	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	450195	46.11	ng		95
61) 4-Nitroaniline	10.30	138	267026	41.64	ng		93
62) Azobenzene	10.43	77	1239397	49.24	ng		91
64) 4,6-Dinitro-2-methylphenol	10.34	198	159234	40.74	ng		97
65) n-Nitrosodiphenylamine	10.40	169	983418	48.91	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	335714	48.00	ng		96
67) Hexachlorobenzene	10.82	284	327532	42.98	ng	#	86
68) Atrazine	10.93	200	338200	53.26	ng		93
69) Pentachlorophenol	11.02	266	365791	102.13	ng		99
70) Phenanthrene	11.23	178	1430318	40.72	ng		97
71) Anthracene	11.29	178	1656453	46.81	ng		99
72) Carbazole	11.45	167	1482833	48.05	ng		97
73) Di-n-butylphthalate	11.78	149	1567602	39.90	ng	#	96
74) Fluoranthene	12.42	202	1598518	44.97	ng		93
76) Benzidine	12.55	184	738011	55.94	ng		98
77) Pyrene	12.64	202	1483865	47.90	ng		99
79) Butylbenzylphthalate	13.28	149	717640	51.06	ng	#	82
80) Benzo(a)anthracene	13.83	228	1127826	44.91	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	241387	27.15	ng	#	96
82) Chrysene	13.86	228	993547	40.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	919853	52.59	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1355936	46.99	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.50	276	1038203	54.16	ng		99
87) Benzo(b)fluoranthene	14.83	252	1917621	79.92	ng	#	97
88) Benzo(k)fluoranthene	14.83	252	1917621	96.66	ng		99
89) Benzo(a)pyrene	15.15	252	924404	45.22	ng	#	95
90) Dibenzo(a,h)anthracene	16.52	278	856610	49.78	ng	#	93
91) Benzo(g,h,i)perylene	16.89	276	884628	51.03	ng		99

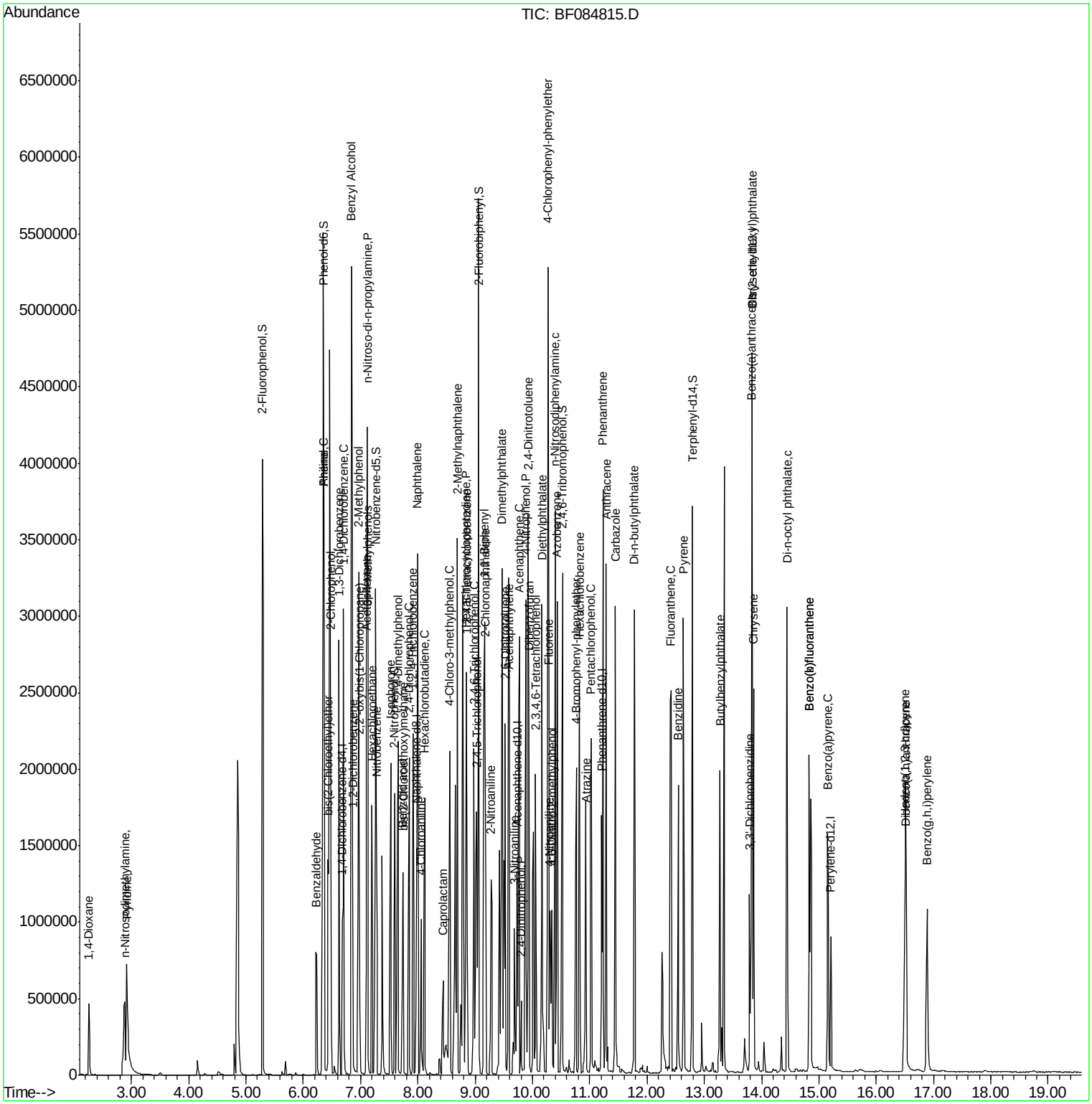
(#) = qualifier out of range (m) = manual integration (+) = signals summed

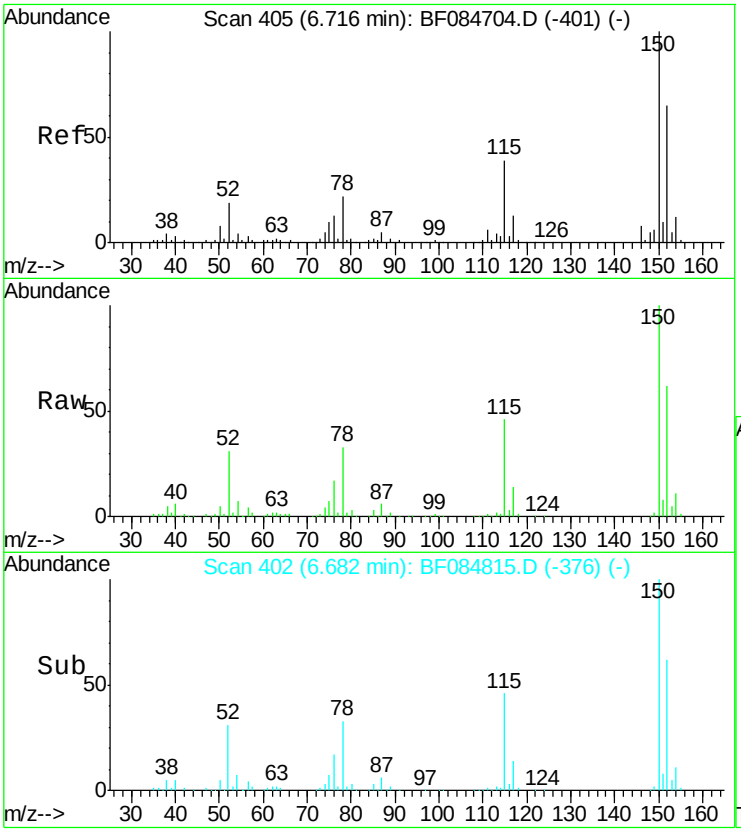
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084815.D
Acq On : 4 Feb 2016 5:32
Operator : SJ/IZ
Sample : H1312-09MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Quant Time: Feb 04 06:07:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



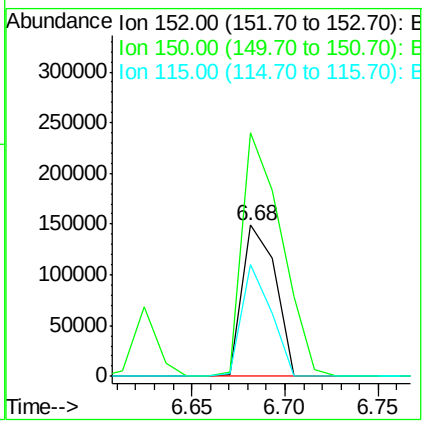


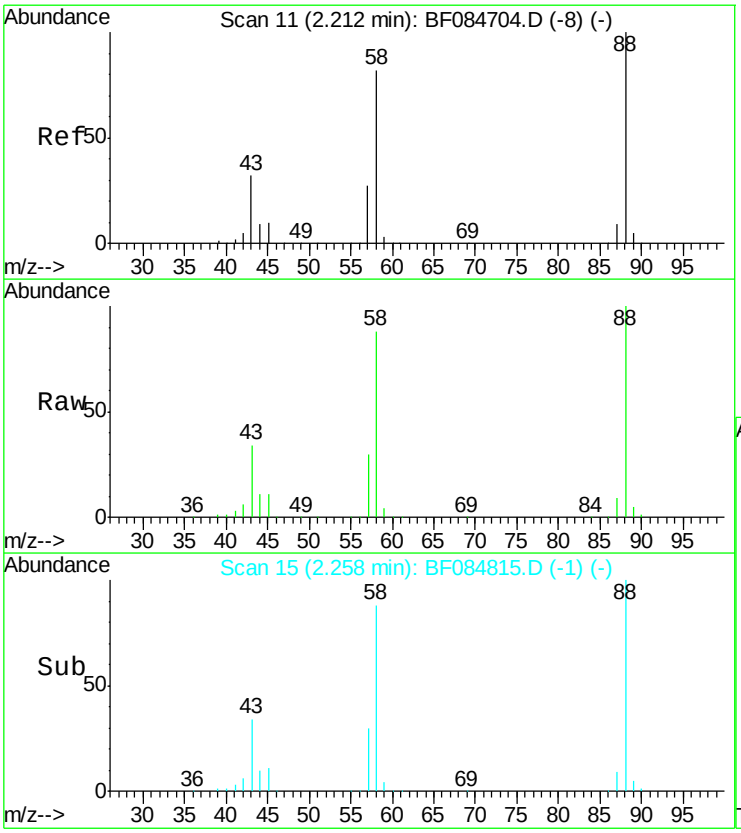
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:152 Resp: 183541

Ion	Ratio	Lower	Upper
152	100		
150	161.3	123.0	184.4
115	73.8	51.4	77.2

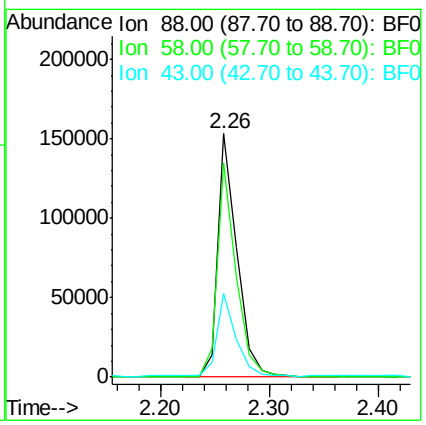


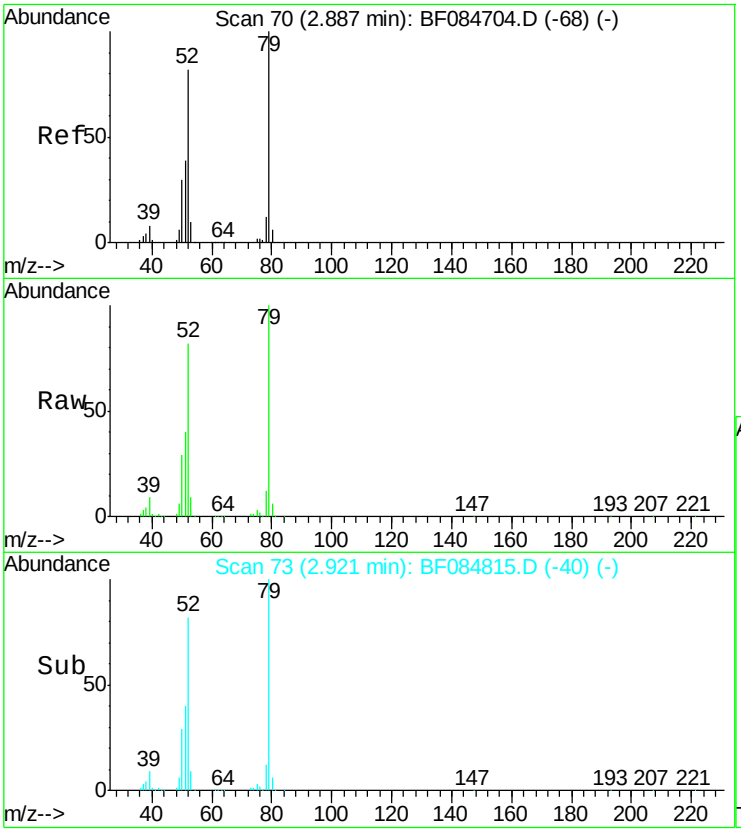


#2
1,4-Dioxane
Concen: 36.65 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.08 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 88 Resp: 189188

Ion	Ratio	Lower	Upper
88	100		
58	86.6	51.2	76.8#
43	33.9	19.5	29.3#



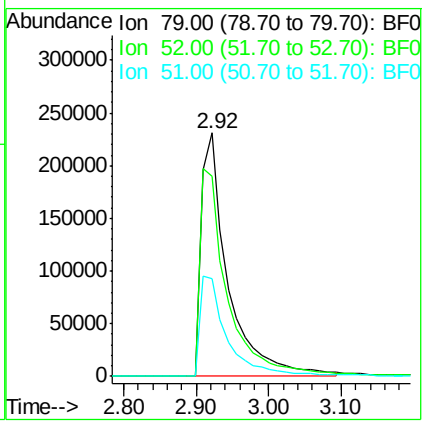


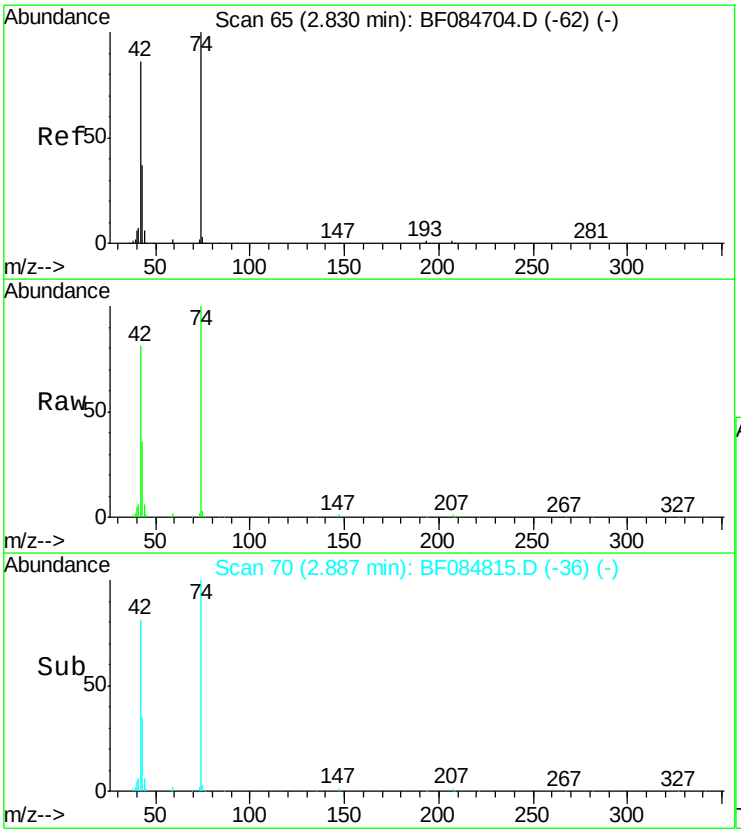
#3
Pyridine
Concen: 43.86 ng
RT: 2.92 min Scan# 73
Delta R.T. 0.08 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 79 Resp: 589899

Ion	Ratio	Lower	Upper
79	100		
52	82.4	49.0	73.4#
51	40.2	25.2	37.8#

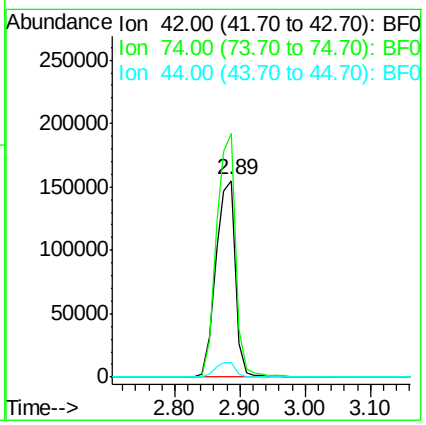


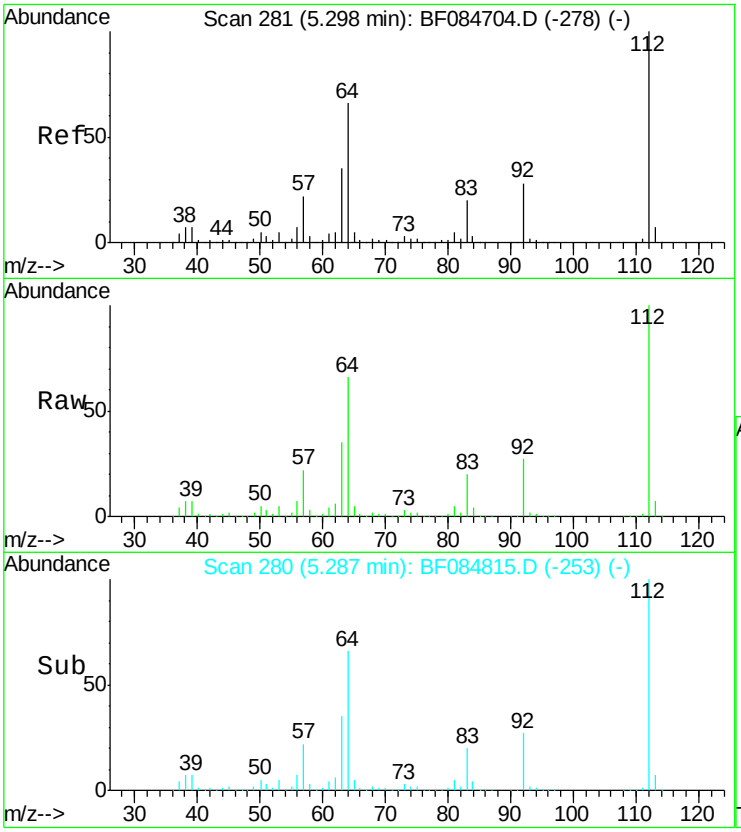


#4
n-Nitrosodimethylamine
Concen: 47.22 ng
RT: 2.89 min Scan# 70
Delta R.T. 0.09 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 42 Resp: 328452

Ion	Ratio	Lower	Upper
42	100		
74	123.7	115.7	173.5
44	7.4	5.1	7.7



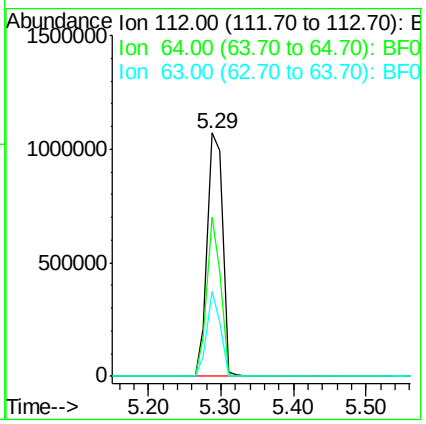


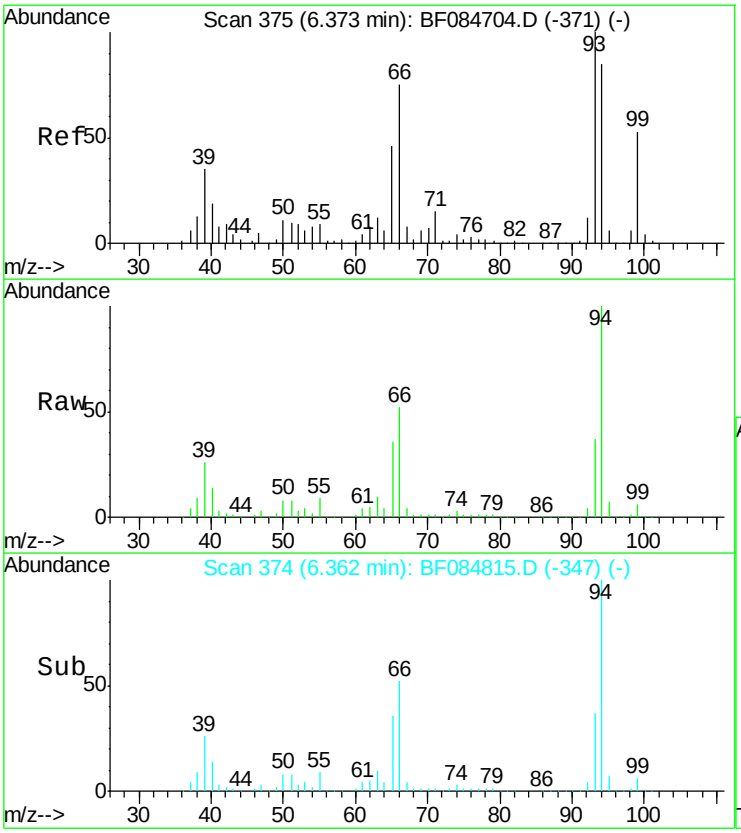
#5
2-Fluorophenol
Concen: 134.68 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:112 Resp: 1587003

Ion	Ratio	Lower	Upper
112	100		
64	65.5	36.6	55.0#
63	34.8	19.4	29.0#

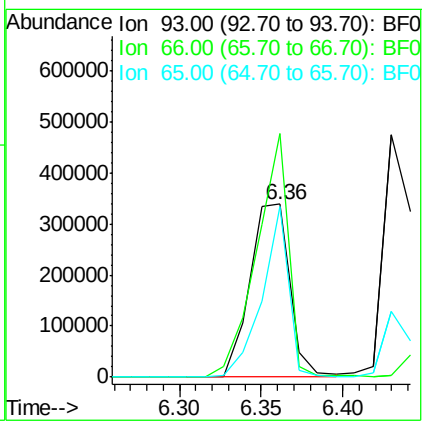


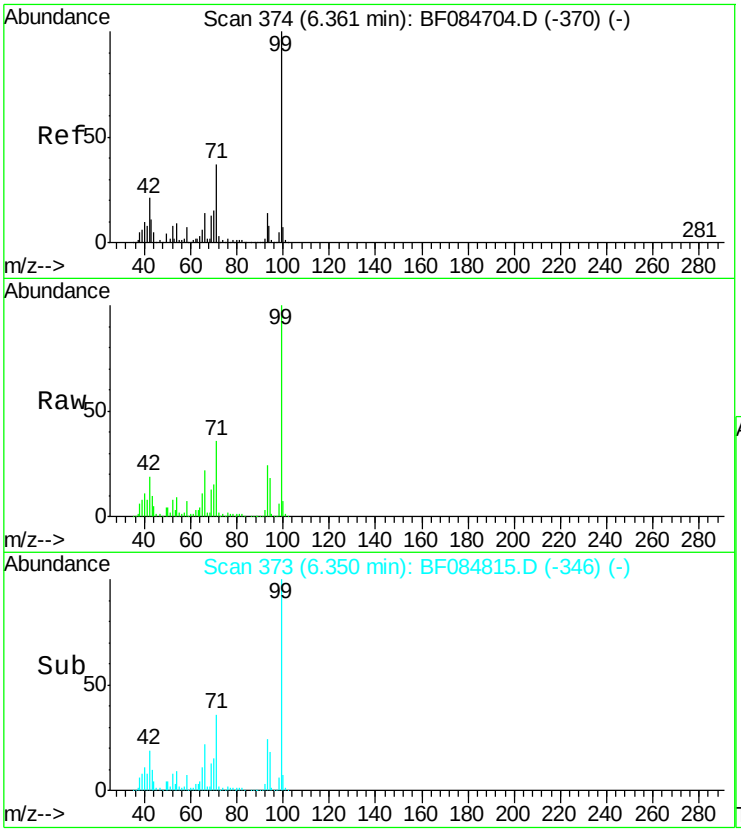


#6
Aniline
Concen: 32.50 ng
RT: 6.36 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 93 Resp: 580965

Ion	Ratio	Lower	Upper
93	100		
66	140.7	44.9	67.3#
65	98.4	23.7	35.5#



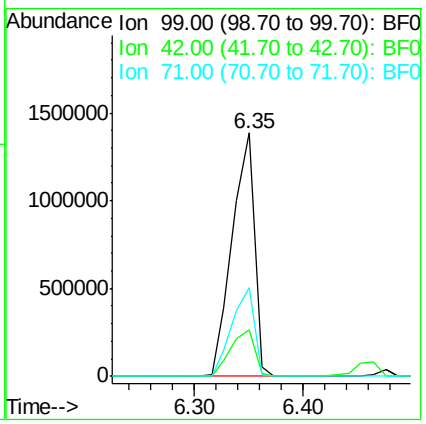


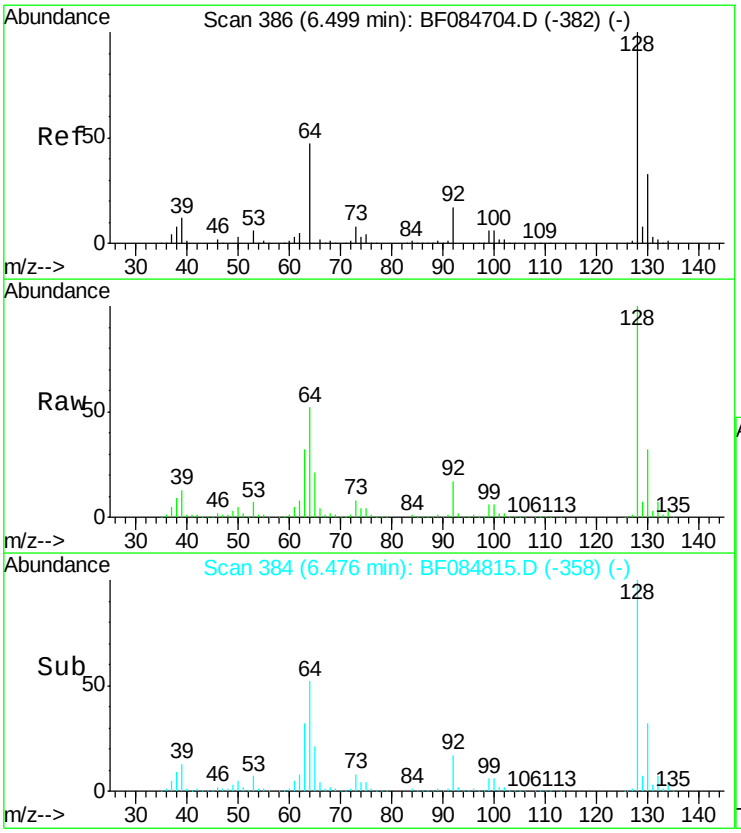
#7
Phenol-d6
Concen: 133.72 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 99 Resp: 1953358

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.8	19.2
71	36.4	30.9	46.3

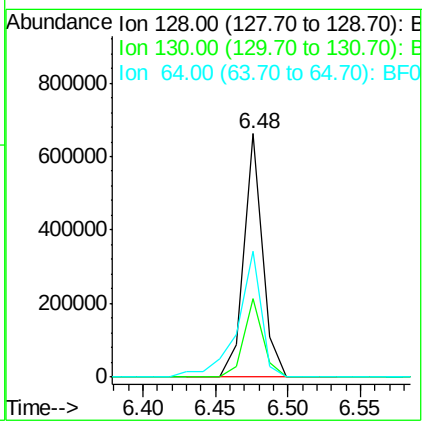


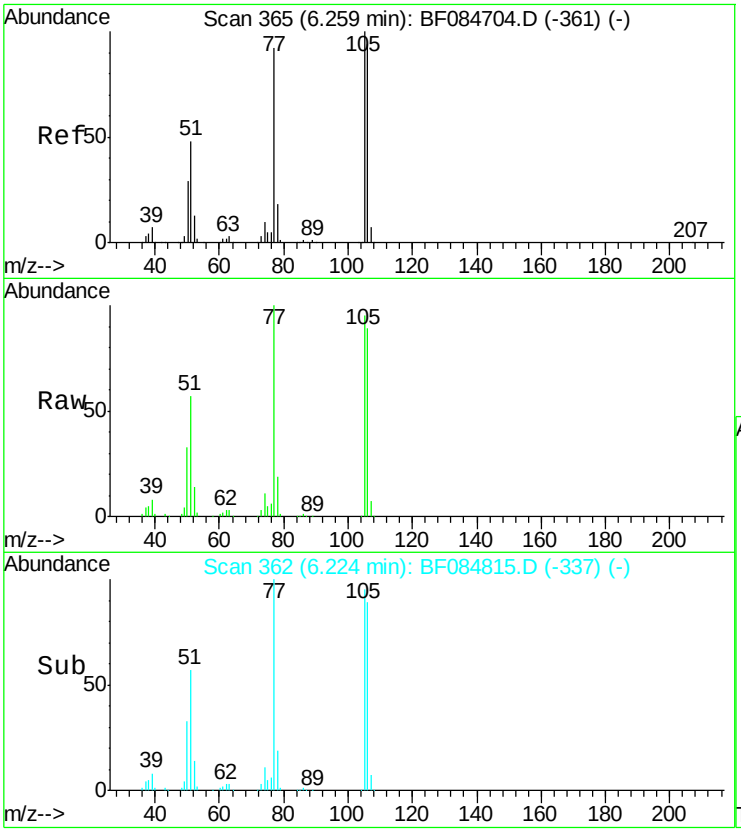


#8
2-Chlorophenol
Concen: 44.29 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:128 Resp: 590789

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.6	51.6
64	51.9	23.8	63.8



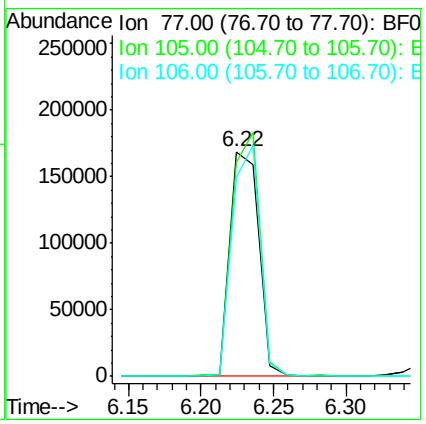


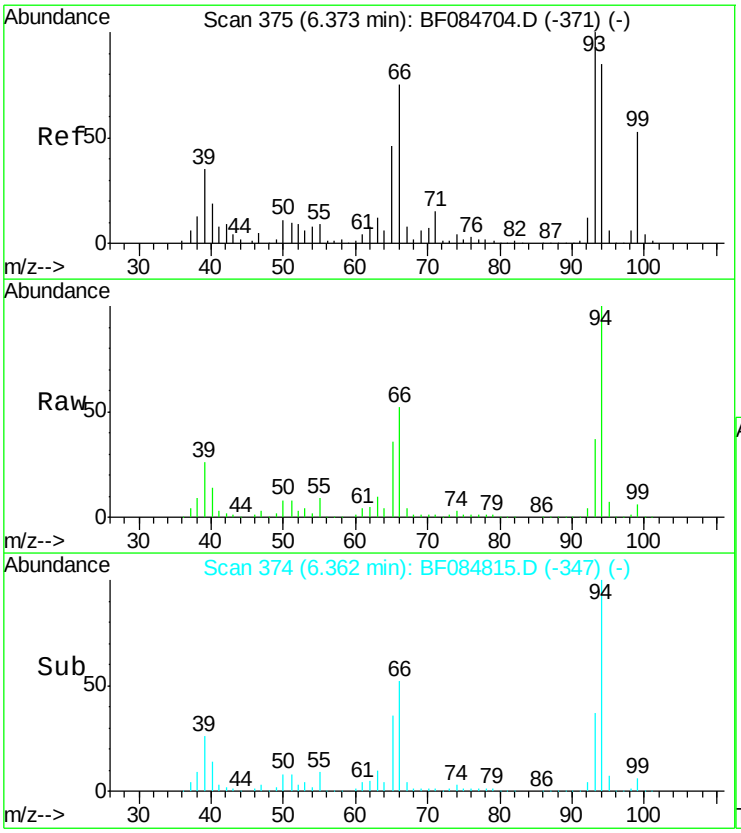
#9
Benzaldehyde
Concen: 26.95 ng
RT: 6.22 min Scan# 362
Delta R.T. -0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 77 Resp: 232490

Ion	Ratio	Lower	Upper
77	100		
105	95.4	83.0	123.0
106	88.8	74.6	114.6

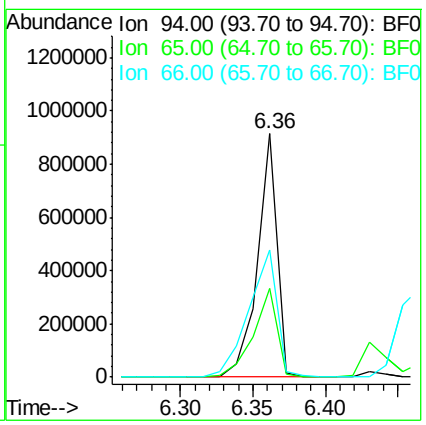


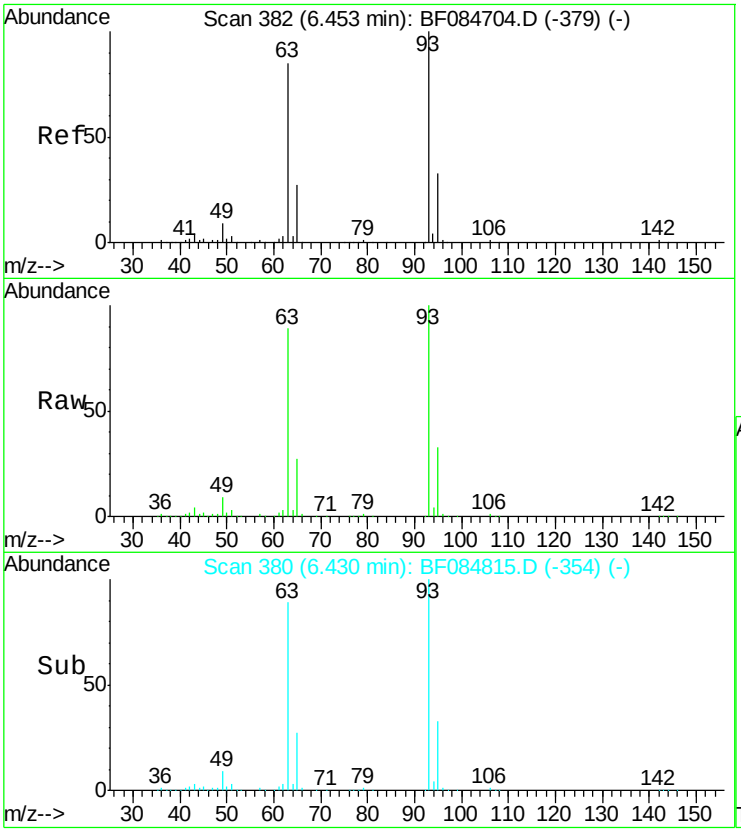


#10
Phenol
Concen: 52.14 ng
RT: 6.36 min Scan# 374
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 94 Resp: 853350

Ion	Ratio	Lower	Upper
94	100		
65	36.5	12.9	52.9
66	52.1	32.7	72.7



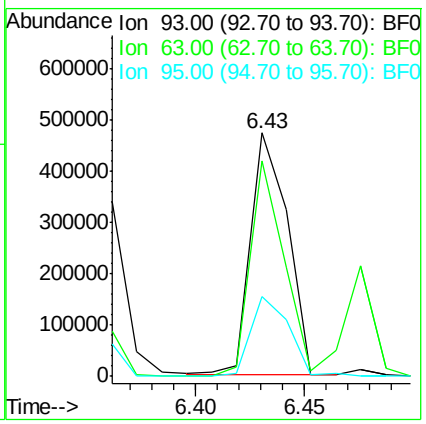


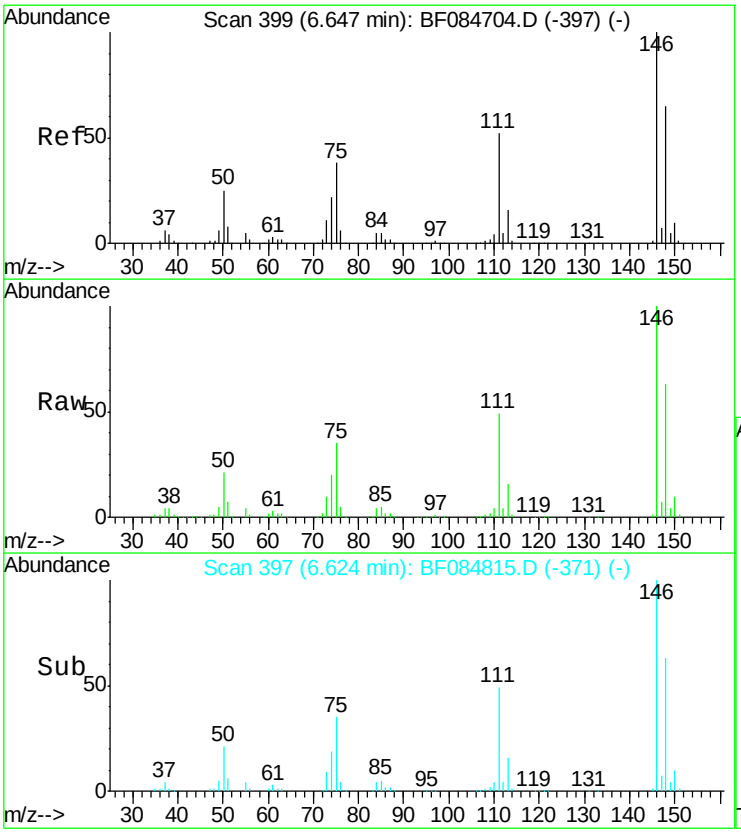
#11
bis(2-Chloroethyl)ether
Concen: 43.76 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 93 Resp: 558444

Ion	Ratio	Lower	Upper
93	100		
63	88.7	45.9	85.9#
95	32.5	12.3	52.3

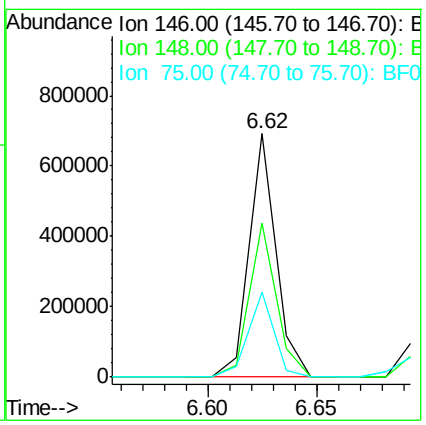


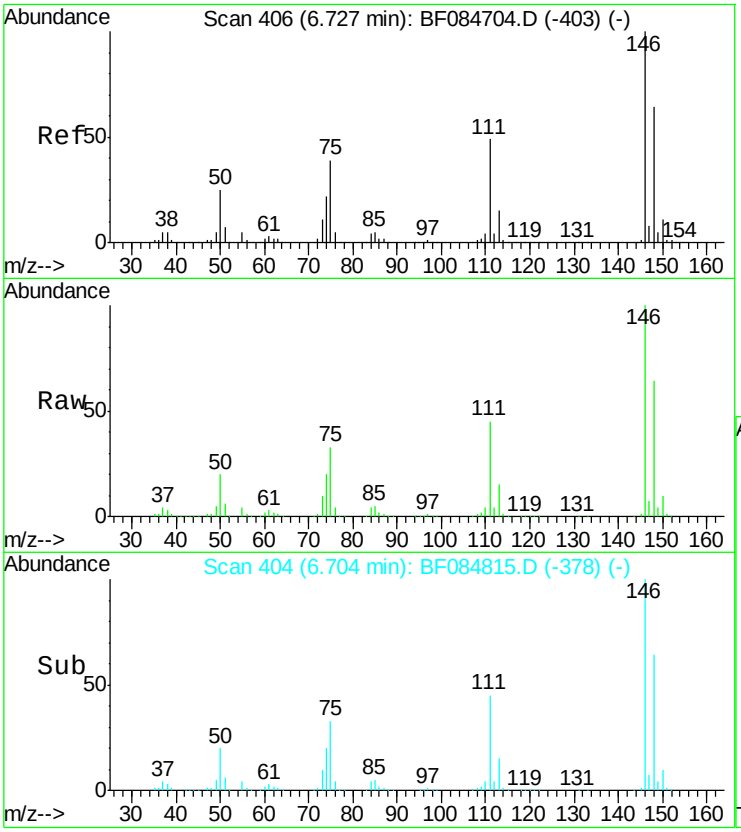


#12
1,3-Dichlorobenzene
Concen: 42.24 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:146 Resp: 595278

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	34.7	20.5	30.7#



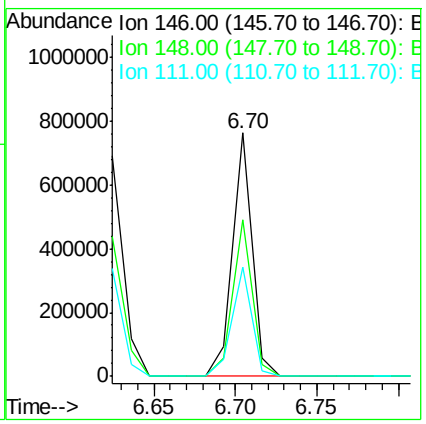


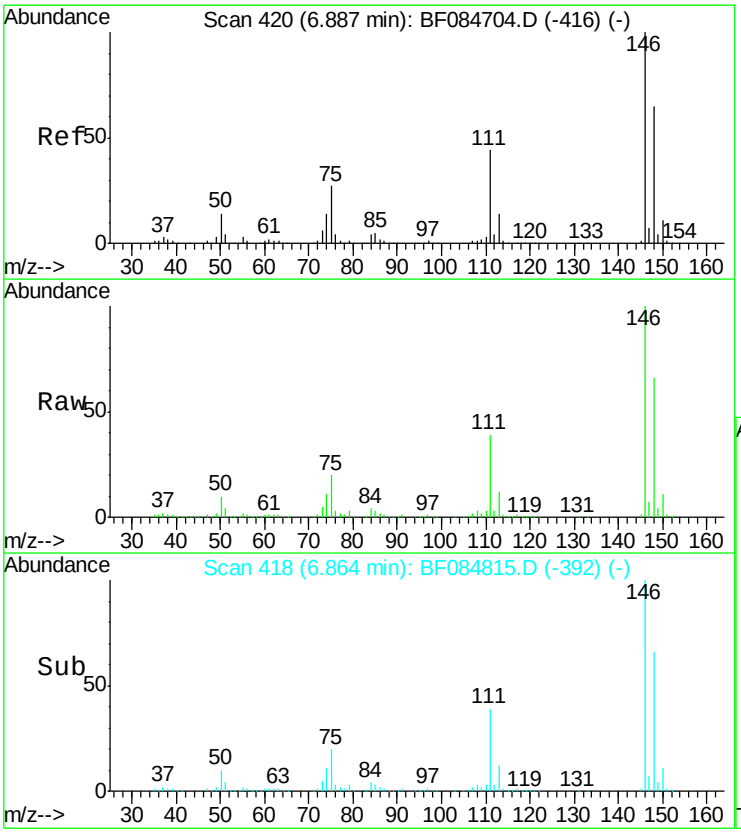
#13
1,4-Dichlorobenzene
Concen: 44.59 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:146 Resp: 628201

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	45.1	41.6	62.4

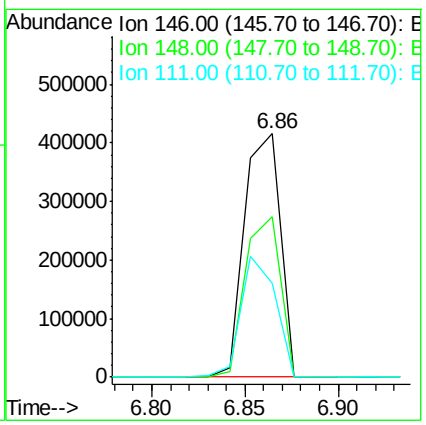


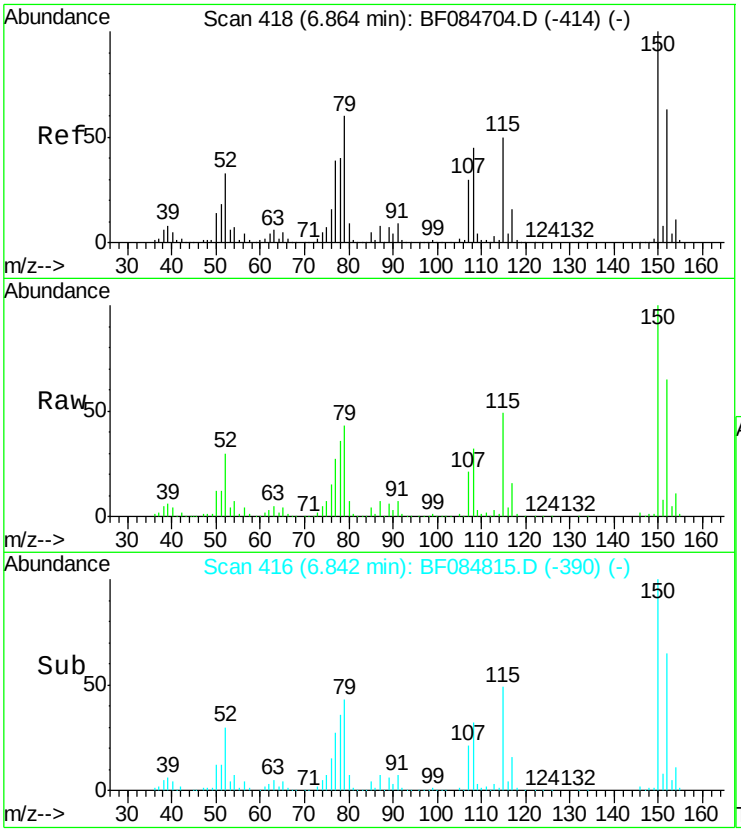


#14
1,2-Dichlorobenzene
Concen: 42.11 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:146 Resp: 552503

Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.6	77.4
111	38.6	38.0	57.0



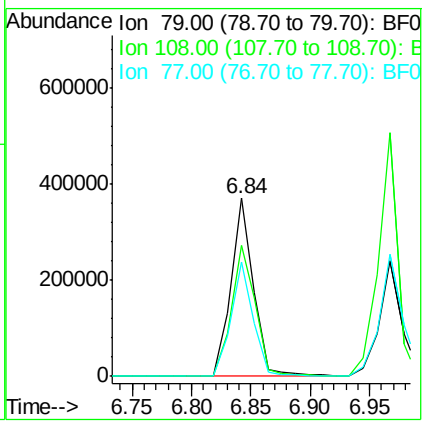


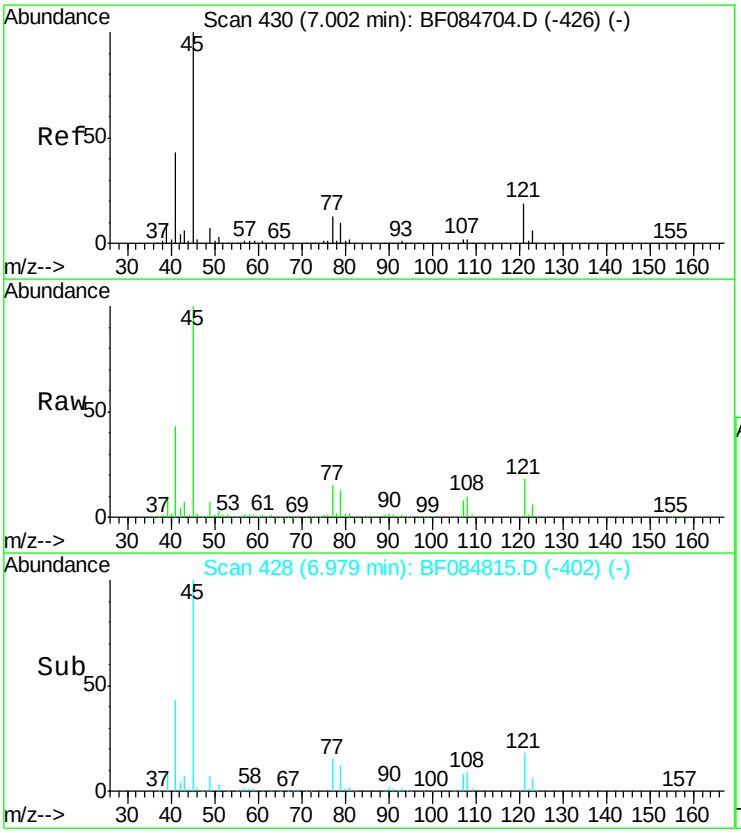
#15
Benzyl Alcohol
Concen: 48.36 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 79 Resp: 487779

Ion	Ratio	Lower	Upper
79	100		
108	73.6	69.0	103.4
77	64.0	50.0	75.0

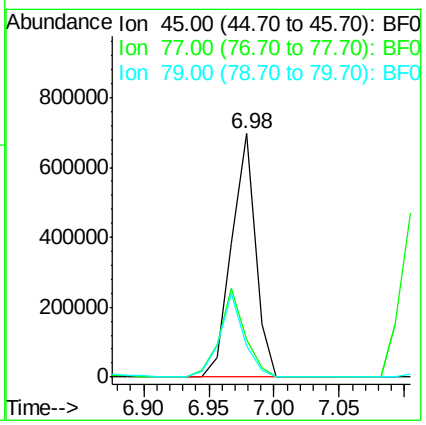


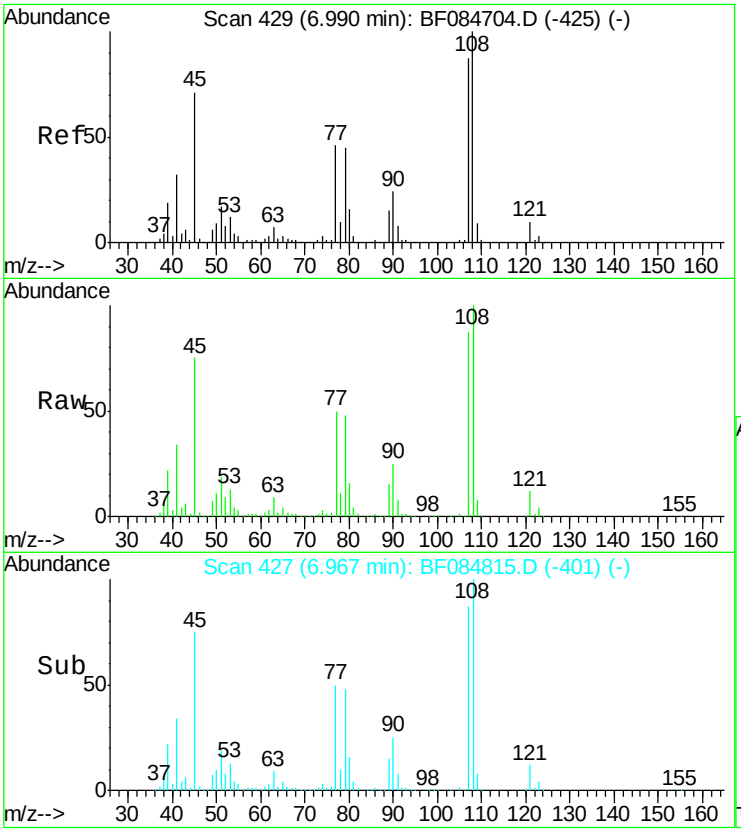


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.16 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 45 Resp: 883659

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	39.6
79	12.7	0.0	35.0



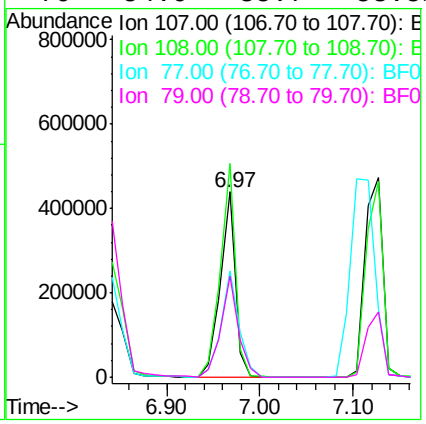


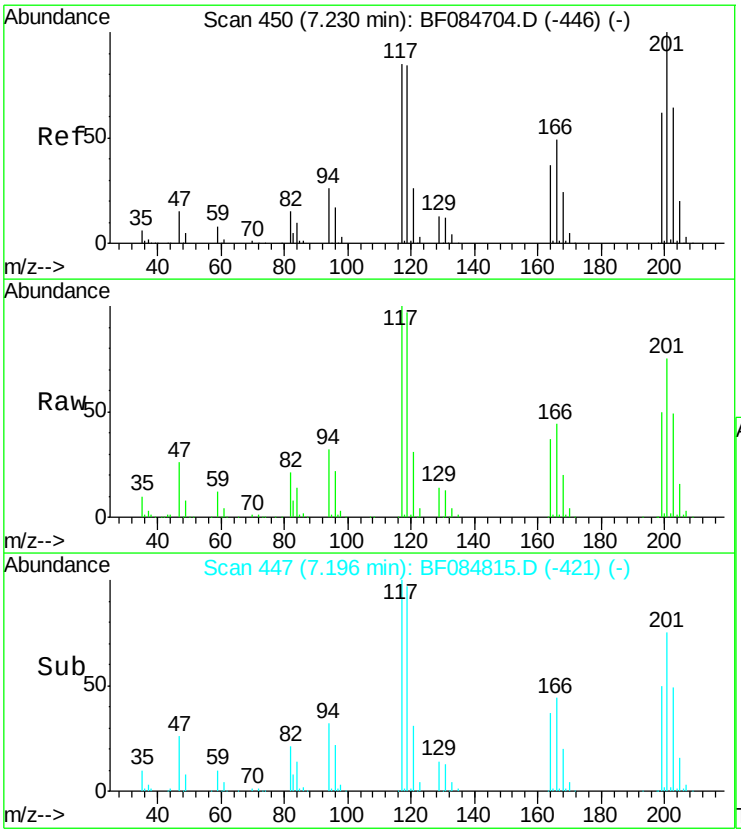
#17
2-Methylphenol
Concen: 46.76 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:107 Resp: 493240

Ion	Ratio	Lower	Upper
107	100		
108	115.3	89.8	134.6
77	57.5	35.7	53.5#
79	54.9	35.7	53.5#

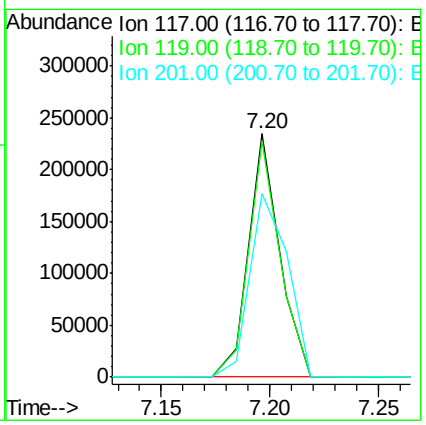


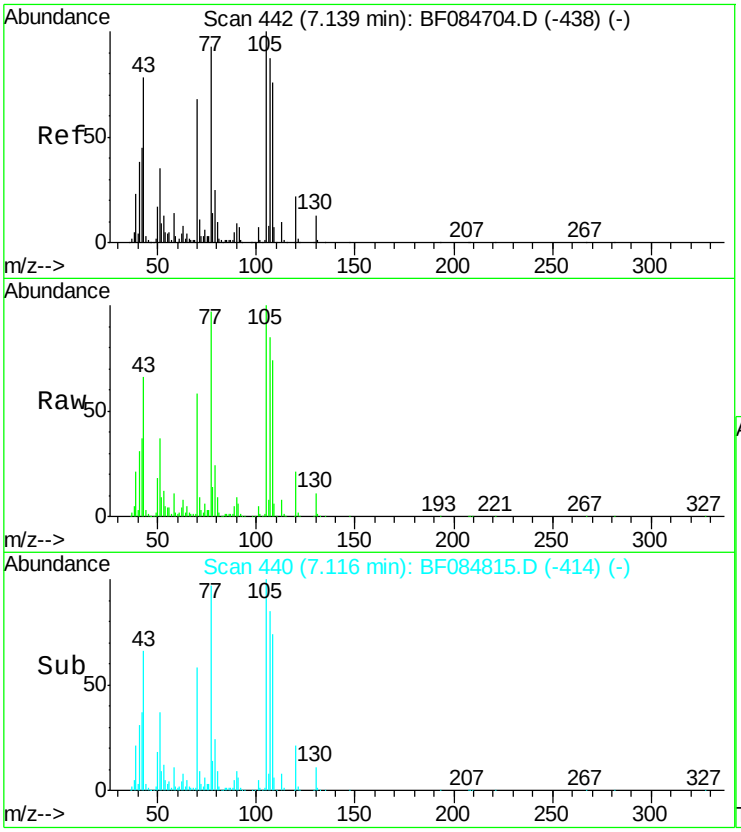


#18
Hexachloroethane
Concen: 43.07 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:117 Resp: 233633

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.0
201	75.5	68.6	103.0



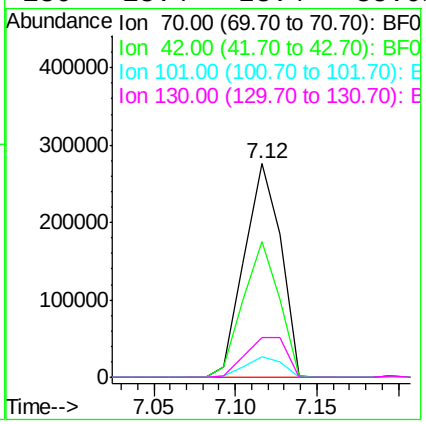


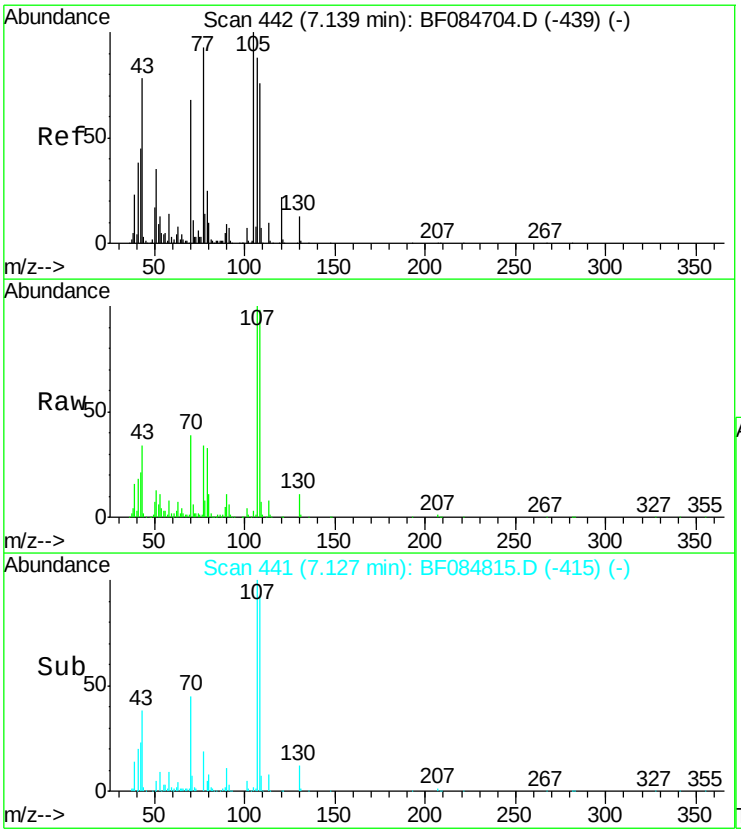
#19
n-Nitroso-di-n-propylamine
Concen: 46.77 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 70 Resp: 428265

Ion	Ratio	Lower	Upper
70	100		
42	63.7	33.3	49.9#
101	9.3	9.3	13.9
130	18.4	23.4	35.0#

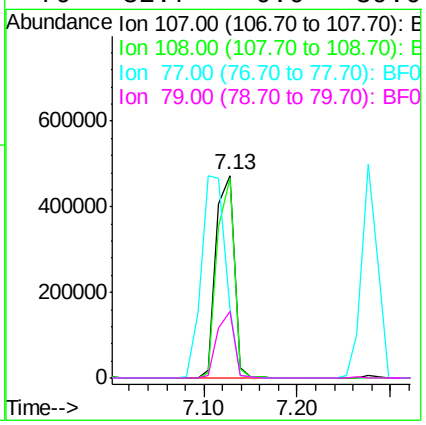


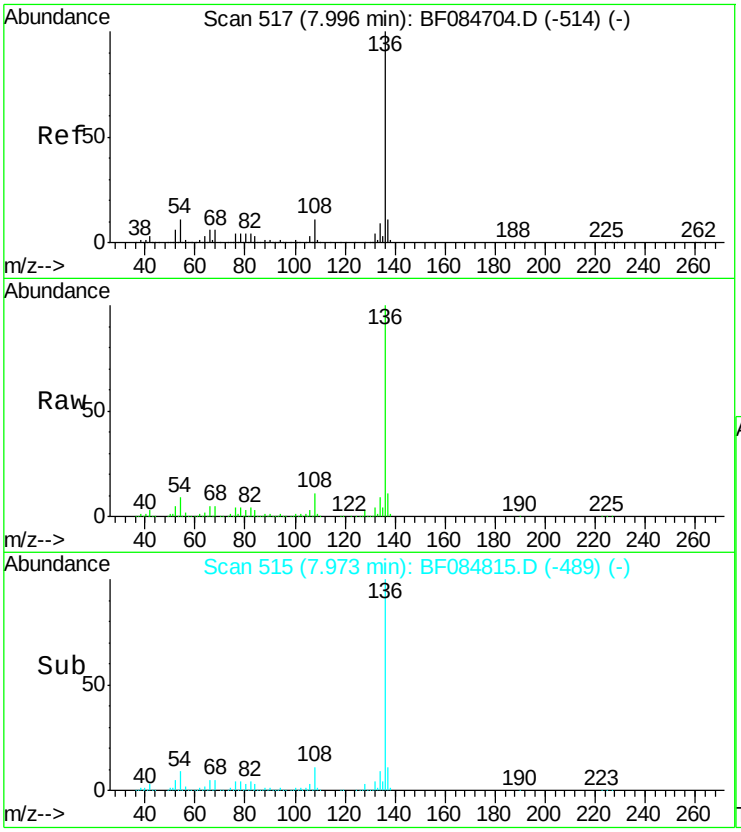


#20
3+4-Methylphenols
Concen: 48.49 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:107 Resp: 634946

Ion	Ratio	Lower	Upper
107	100		
108	98.5	74.6	114.6
77	34.1	0.7	40.7
79	32.7	0.0	39.0



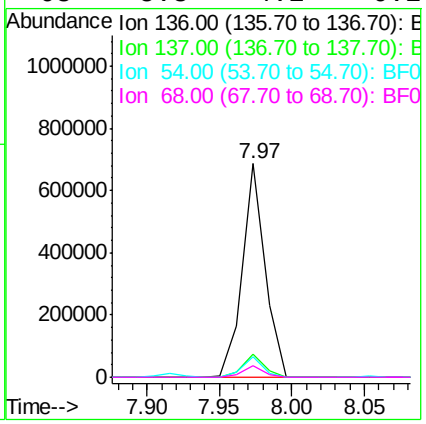


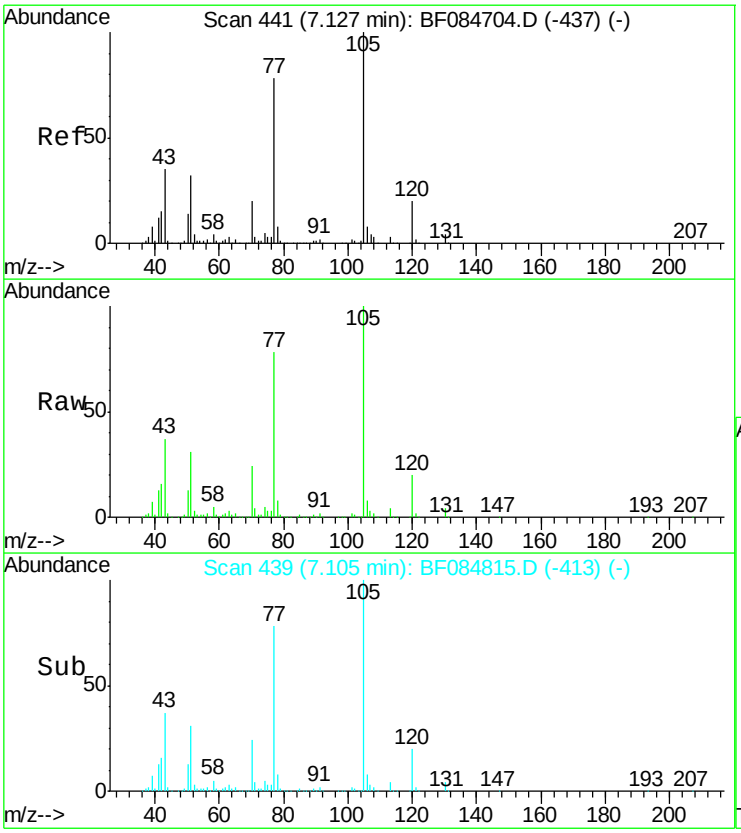
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:136 Resp: 747237

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	5.8	8.8#
68	5.3	4.2	6.2

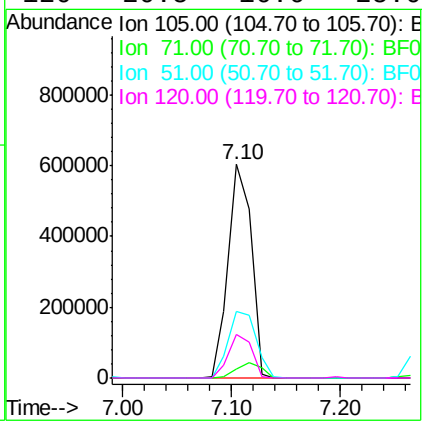


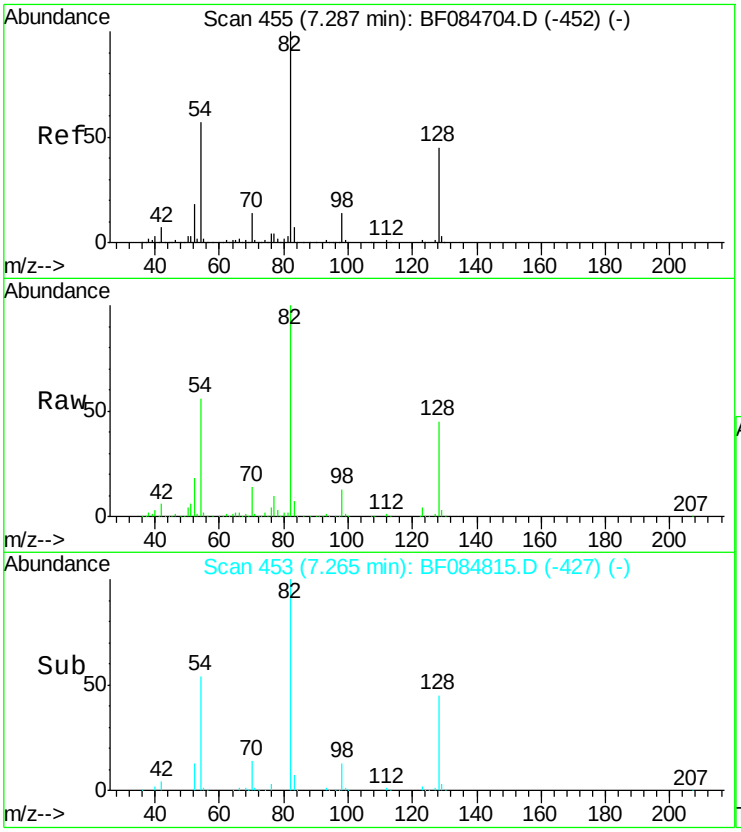


#22
Acetophenone
Concen: 44.79 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:105 Resp: 882160

Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.7	5.5
51	31.0	25.1	37.7
120	20.5	16.6	25.0



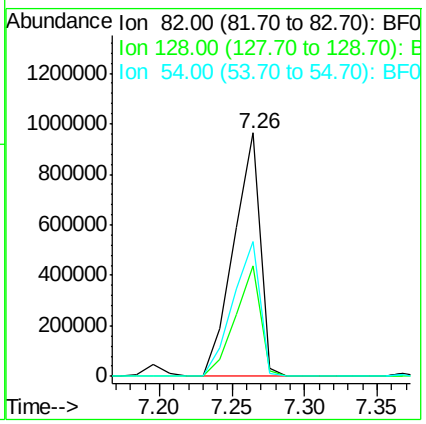


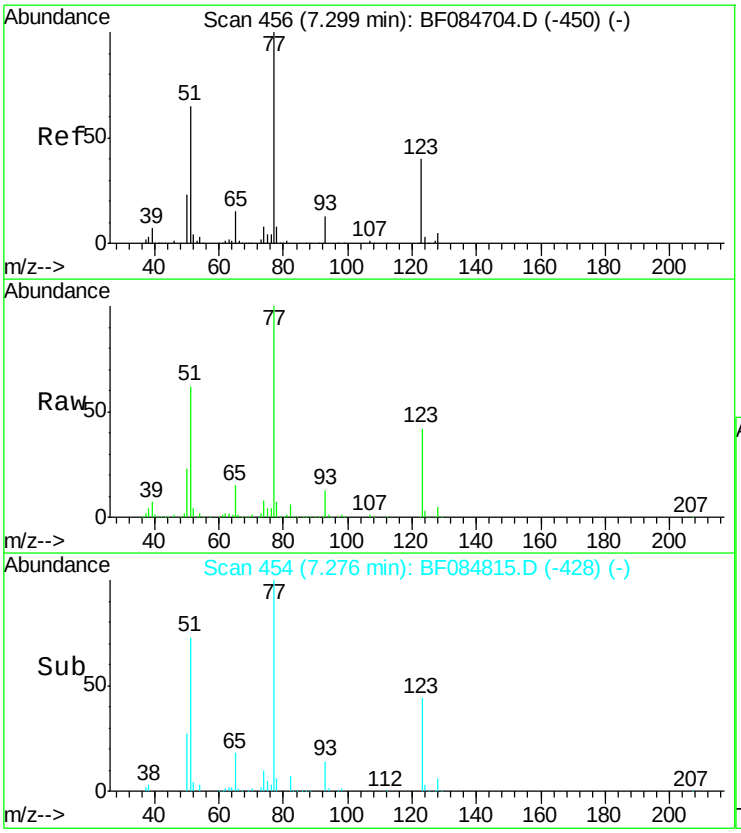
#23
Nitrobenzene-d5
Concen: 91.68 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 82 Resp: 1216097

Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.6	51.8
54	55.6	38.4	57.6

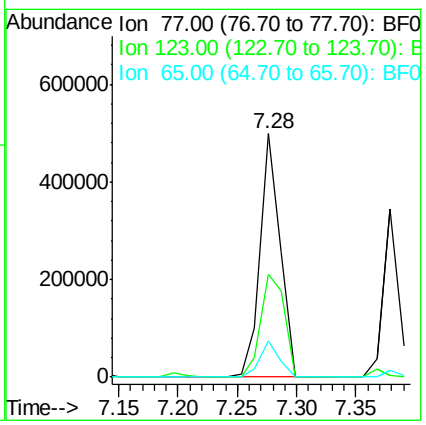


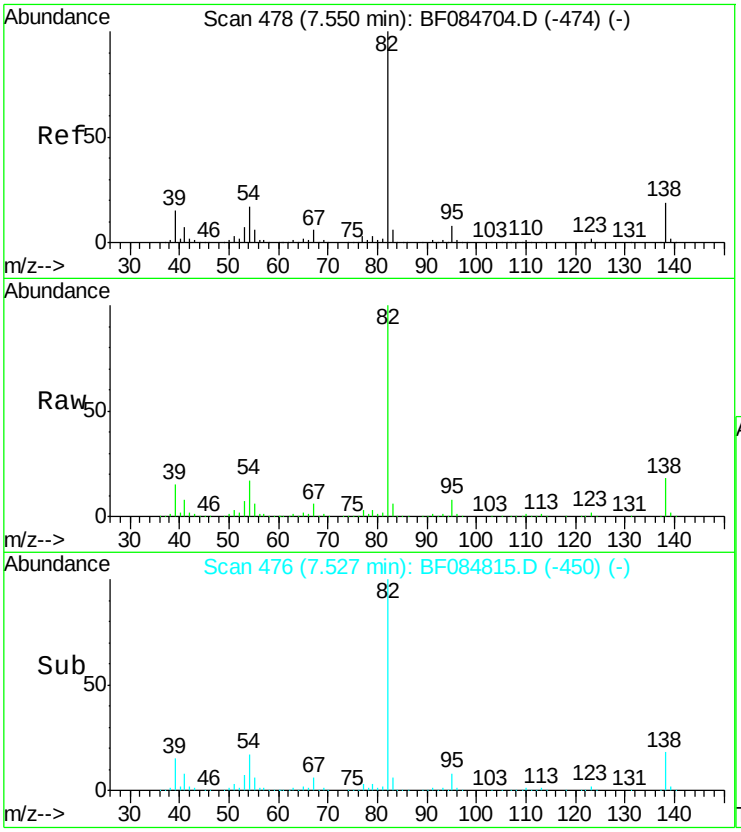


#24
Nitrobenzene
Concen: 41.63 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 77 Resp: 591356

Ion	Ratio	Lower	Upper
77	100		
123	42.3	37.4	56.2
65	14.7	10.9	16.3



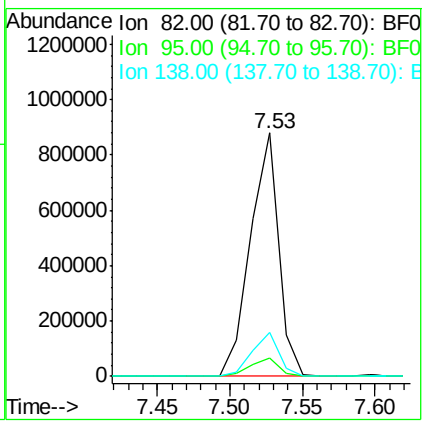


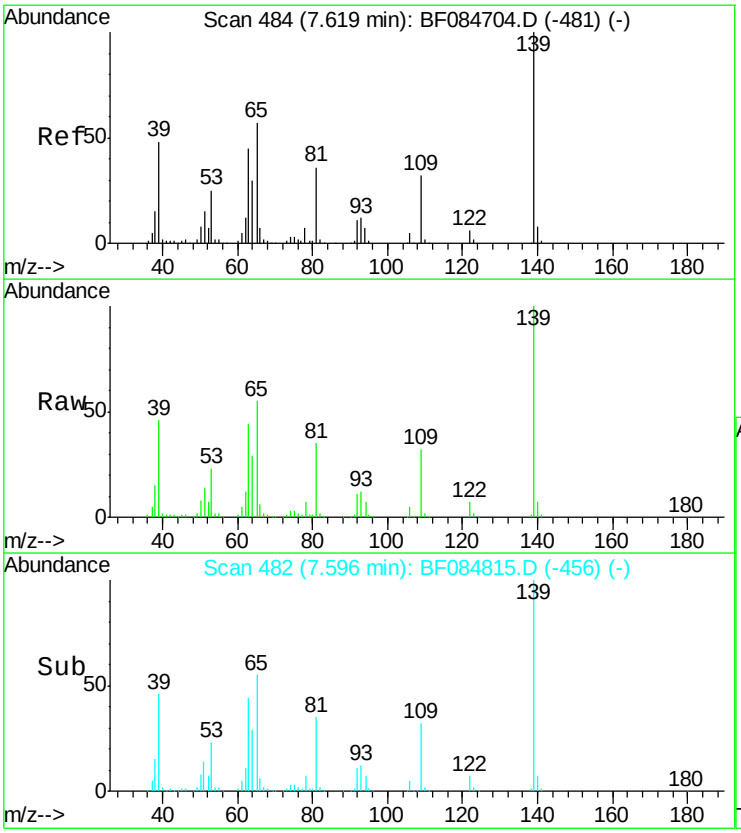
#25
Isophorone
Concen: 46.27 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 82 Resp: 1193470

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.6	10.0
138	18.1	13.6	20.4

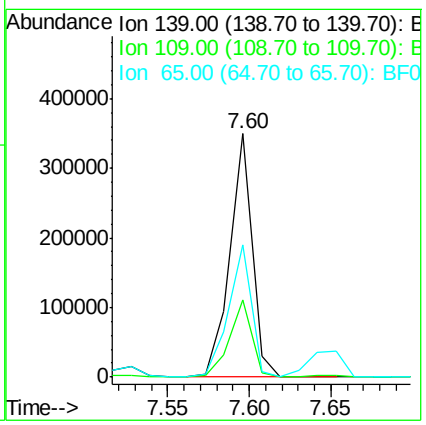


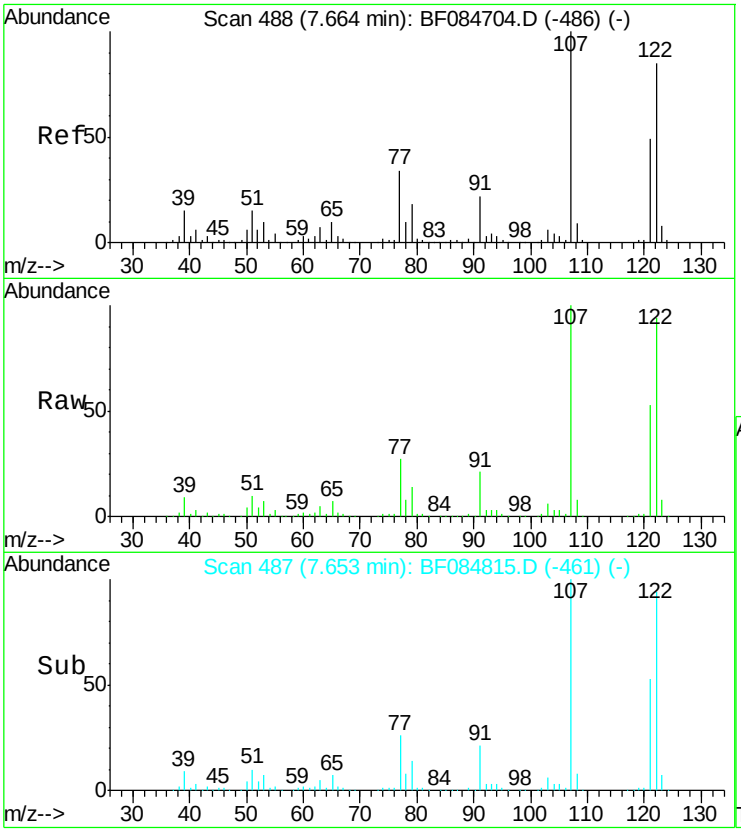


#26
2-Nitrophenol
Concen: 46.93 ng
RT: 7.60 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:139 Resp: 328803

Ion	Ratio	Lower	Upper
139	100		
109	31.6	25.4	38.2
65	54.5	32.3	48.5#



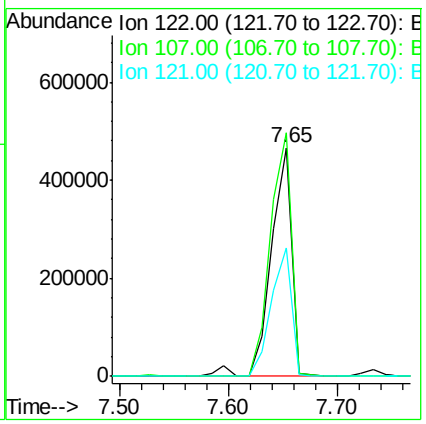


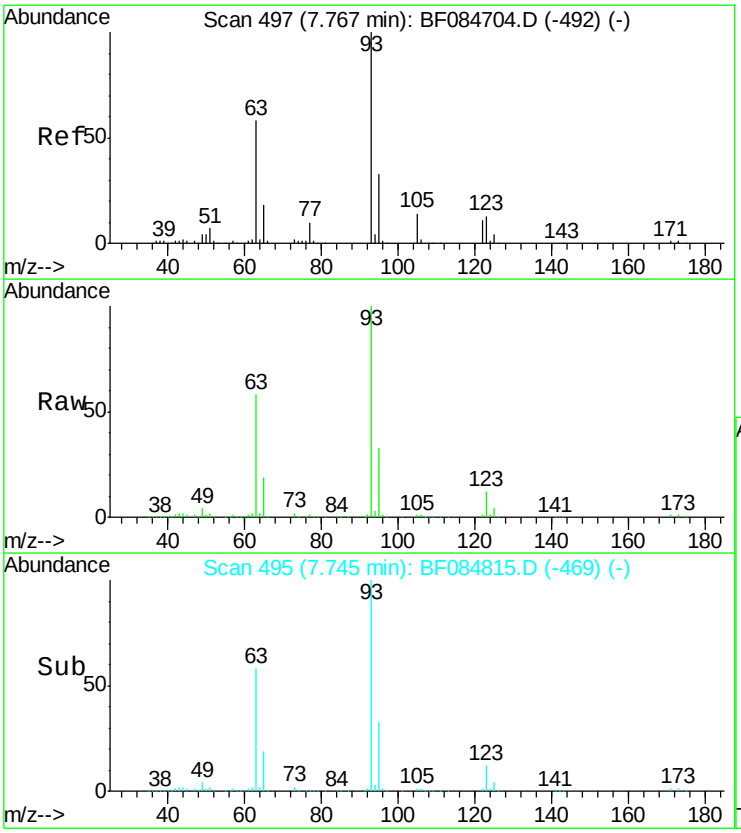
#27
2,4-Dimethylphenol
Concen: 50.27 ng
RT: 7.65 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:122 Resp: 612638

Ion	Ratio	Lower	Upper
122	100		
107	106.7	99.1	148.7
121	56.3	47.9	71.9

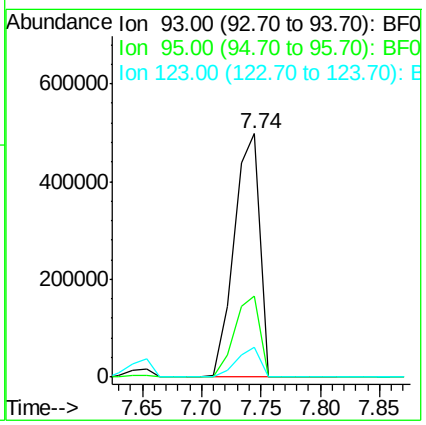


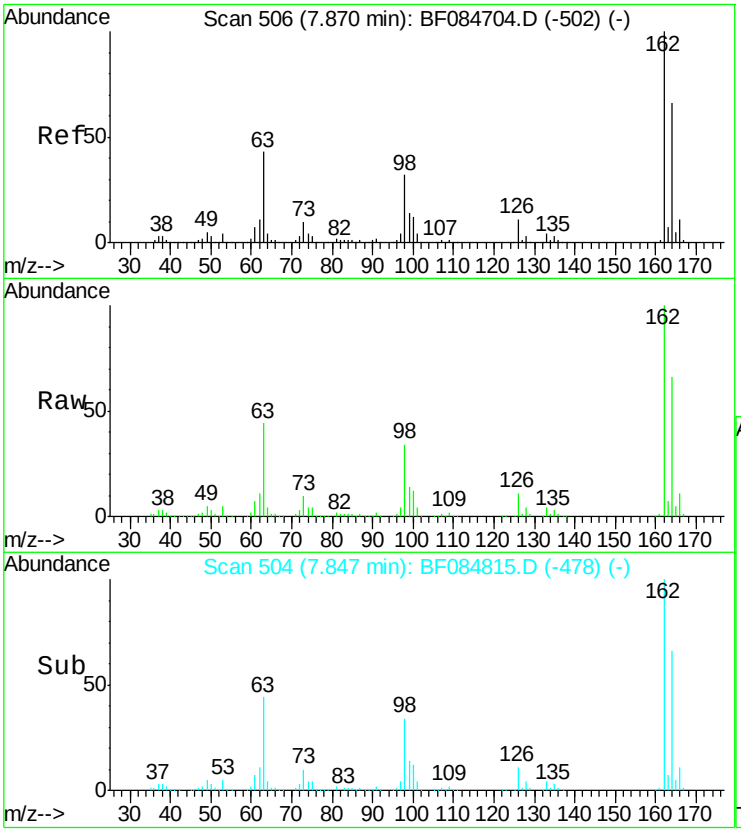


#28
bis(2-Chloroethoxy)methane
Concen: 48.75 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 93 Resp: 745927

Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	12.3	8.6	12.8



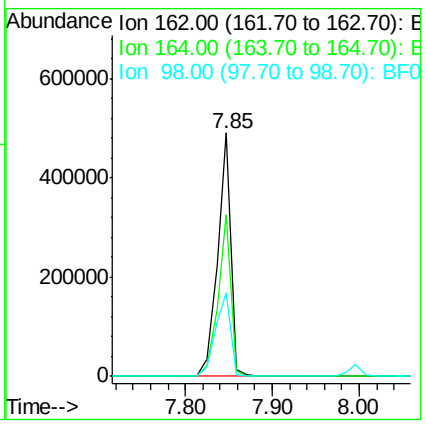


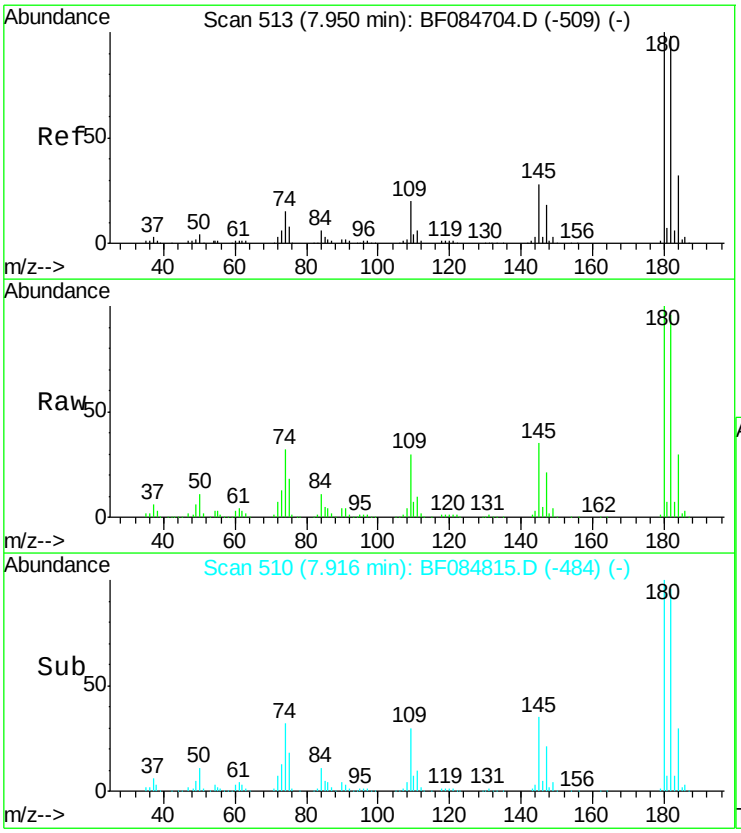
#29
2,4-Dichlorophenol
Concen: 50.65 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:162 Resp: 528134

Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.1	84.1
98	34.1	20.2	60.2

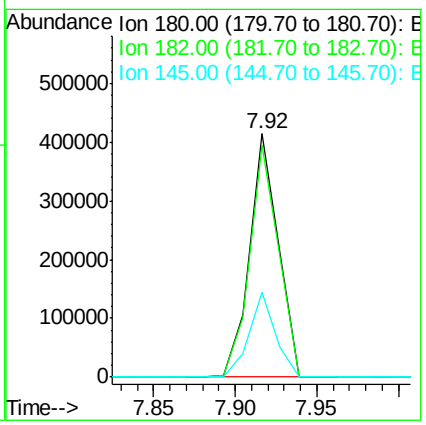


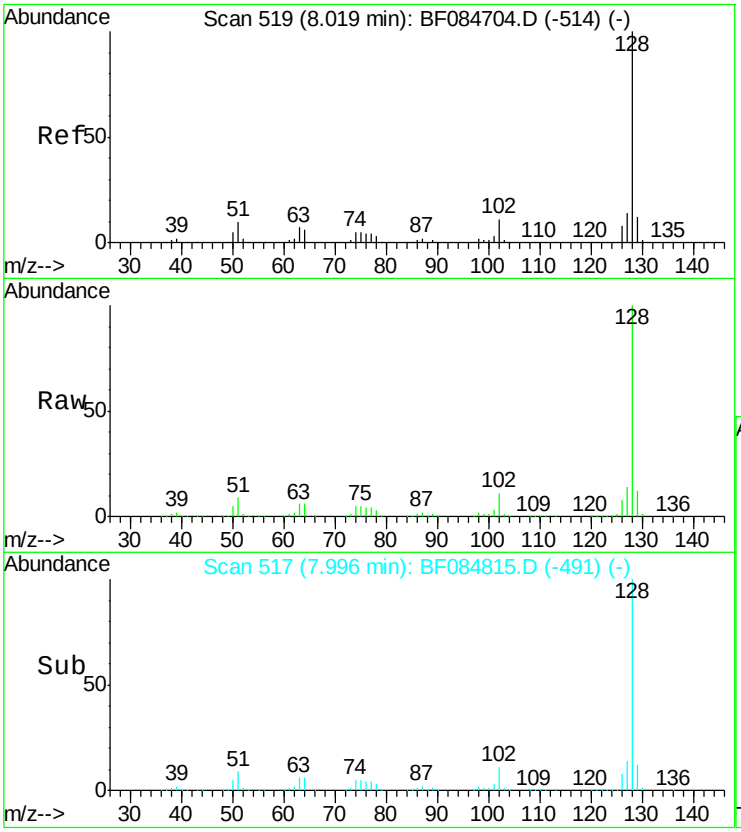


#30
1,2,4-Trichlorobenzene
Concen: 42.79 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:180 Resp: 503933

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	34.8	31.6	47.4



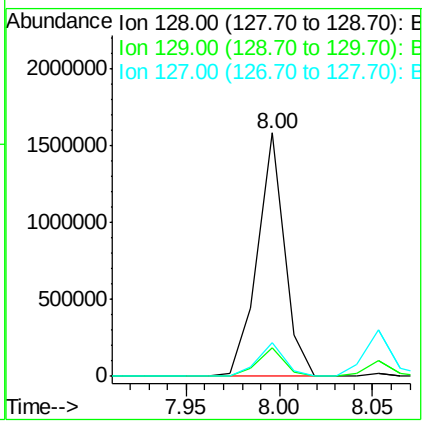


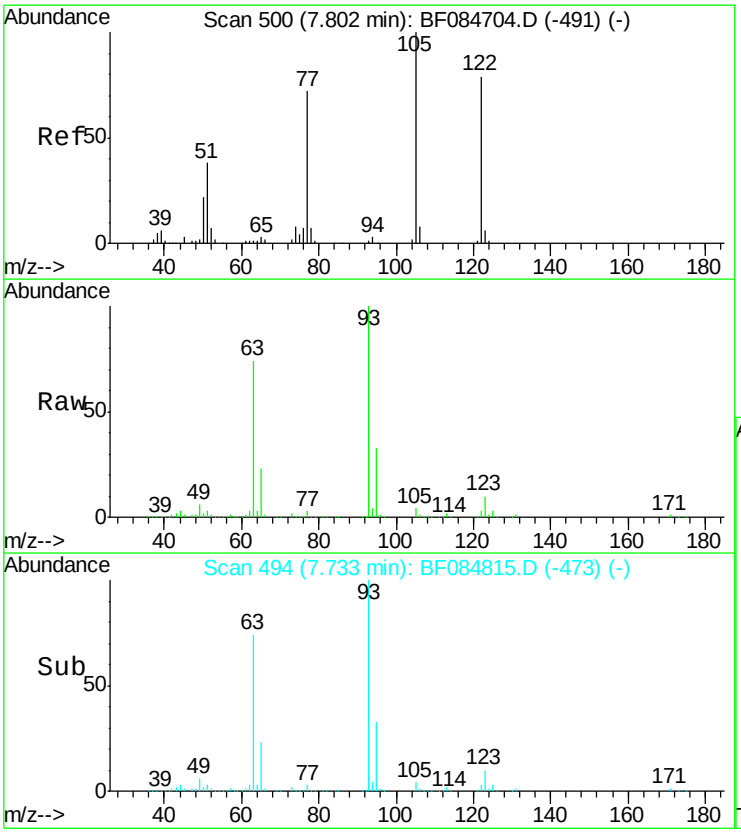
#31
Naphthalene
Concen: 42.56 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:128 Resp: 1595213

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.7	11.1	16.7

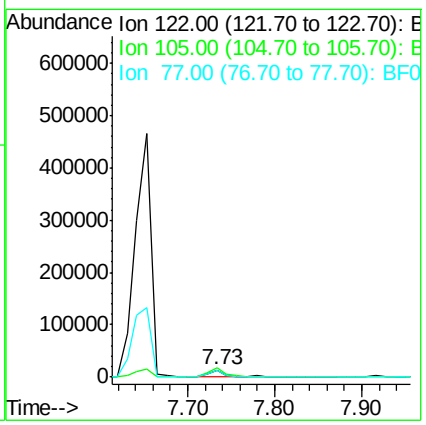


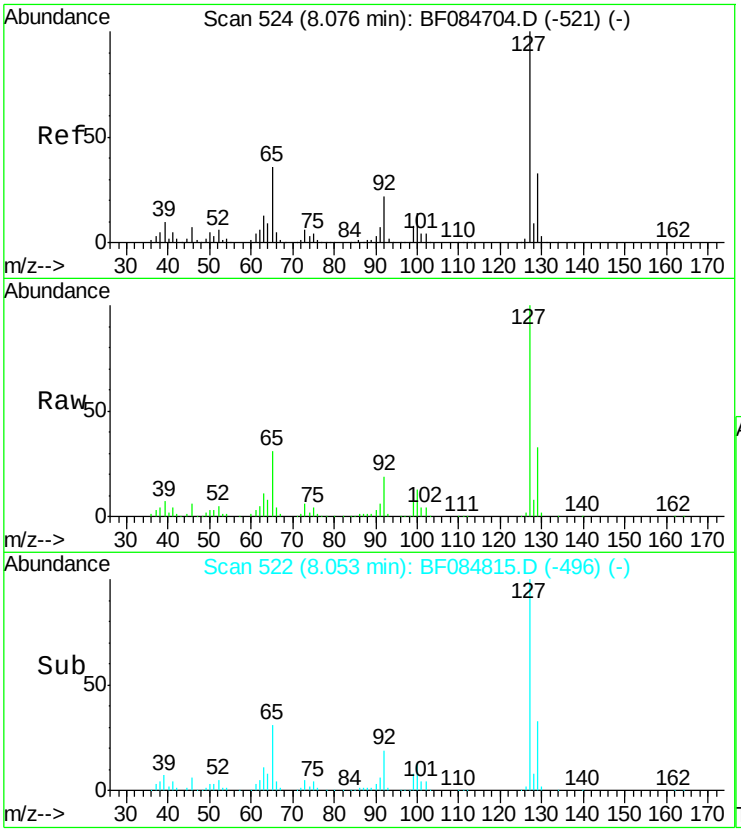


#32
Benzoic acid
Concen: 3.05 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.06 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:122 Resp: 23788

Ion	Ratio	Lower	Upper
122	100		
105	126.6	100.3	140.3
77	90.8	63.5	103.5



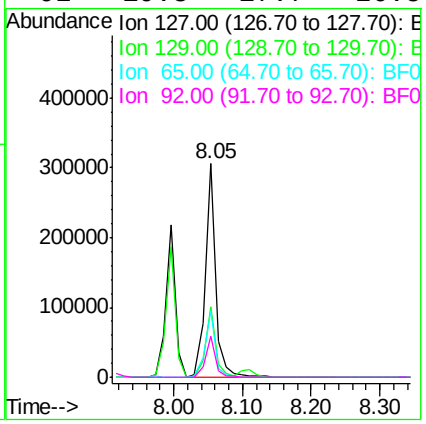


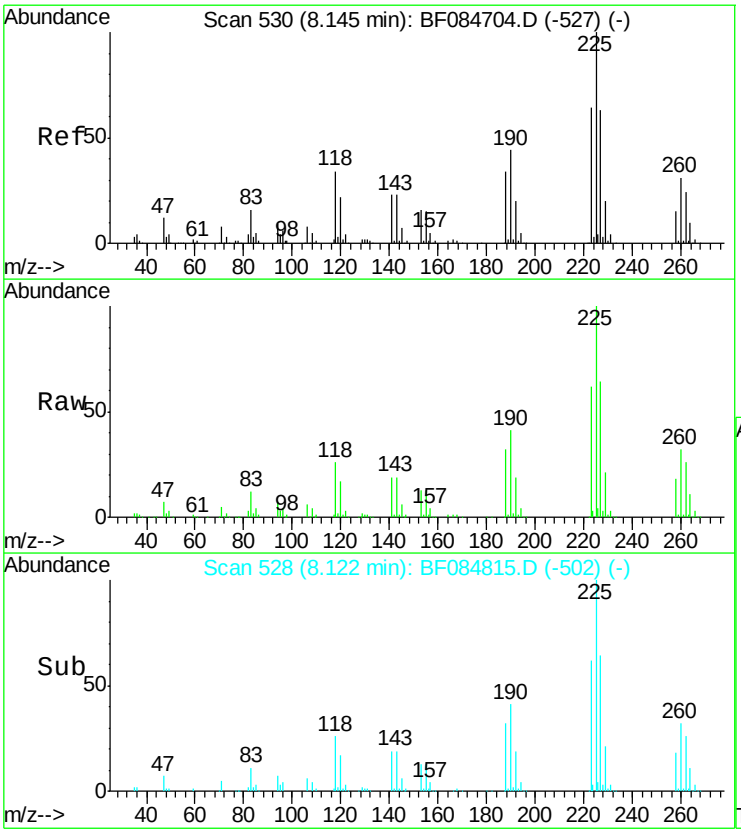
#33
4-Chloroaniline
Concen: 20.69 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:127 Resp: 320725

Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	31.1	27.2	40.8
92	19.3	17.7	26.5

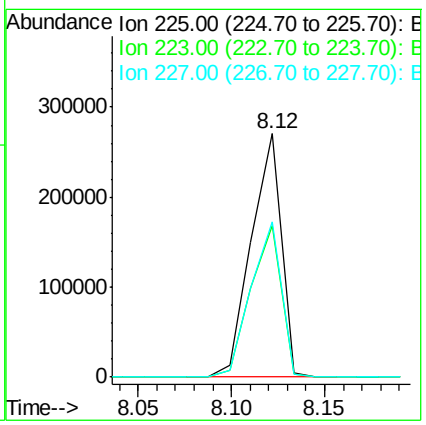


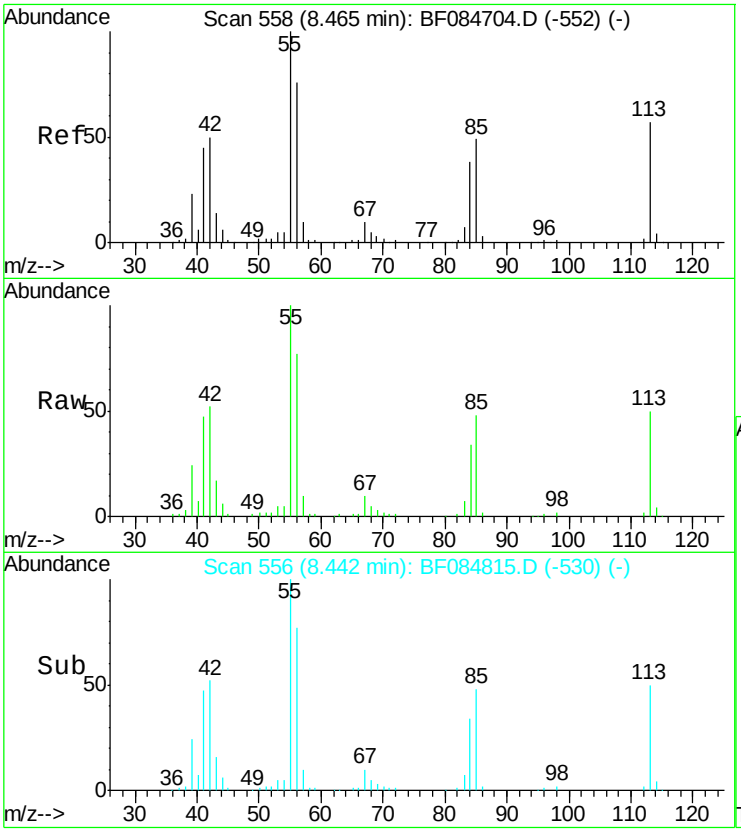


#34
Hexachlorobutadiene
Concen: 44.27 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:225 Resp: 300643

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.0
227	64.0	50.8	76.2



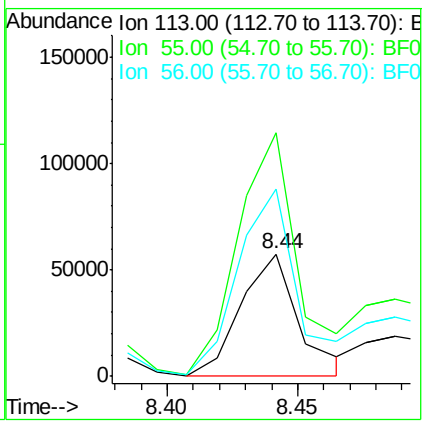


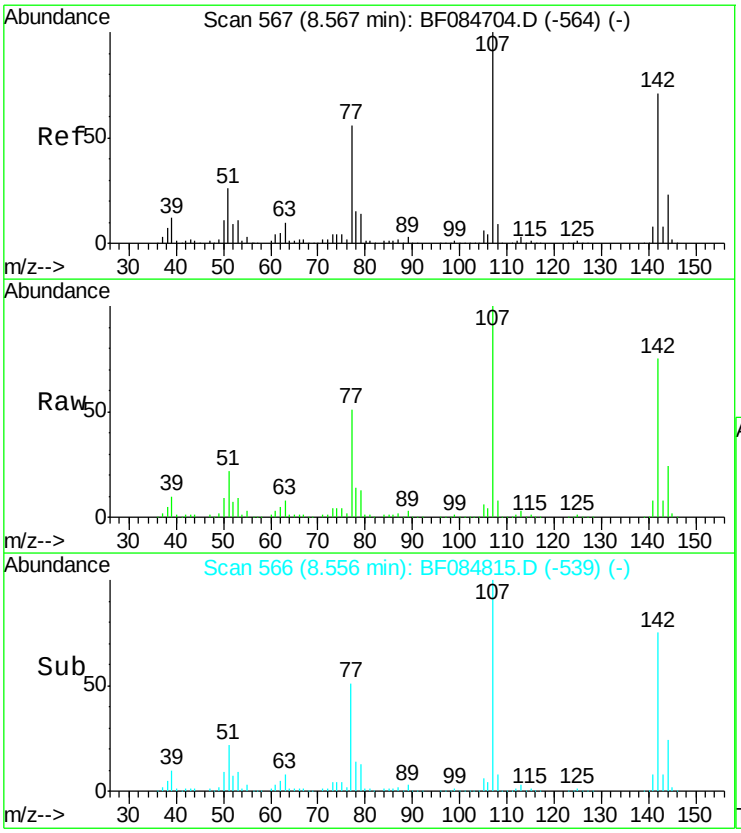
#35
Caprolactam
Concen: 27.40 ng
RT: 8.44 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:113 Resp: 88042

Ion	Ratio	Lower	Upper
113	100		
55	199.0	116.9	156.9#
56	152.7	93.8	133.8#

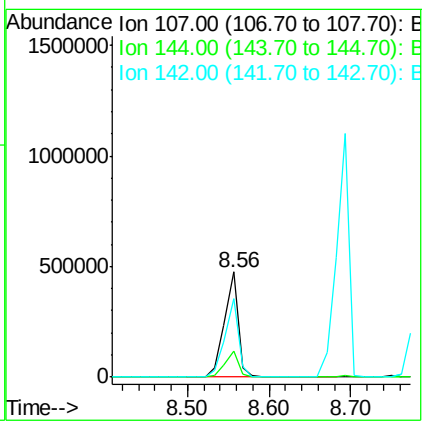


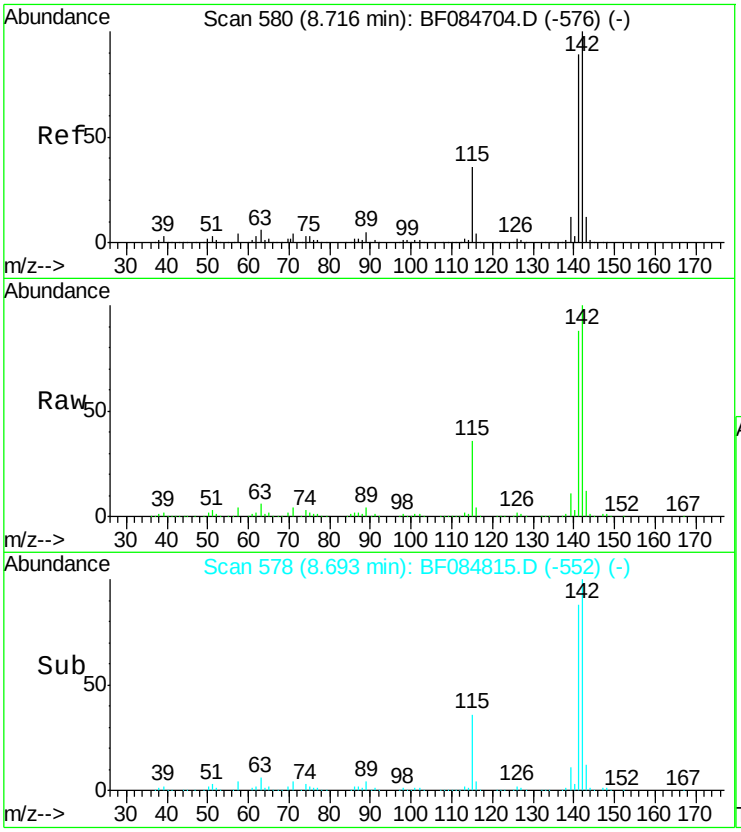


#36
4-Chloro-3-methylphenol
Concen: 46.63 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:107 Resp: 554671

Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.7	29.5
142	75.3	61.8	92.6



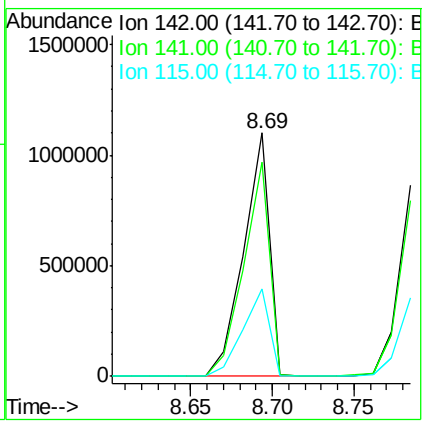


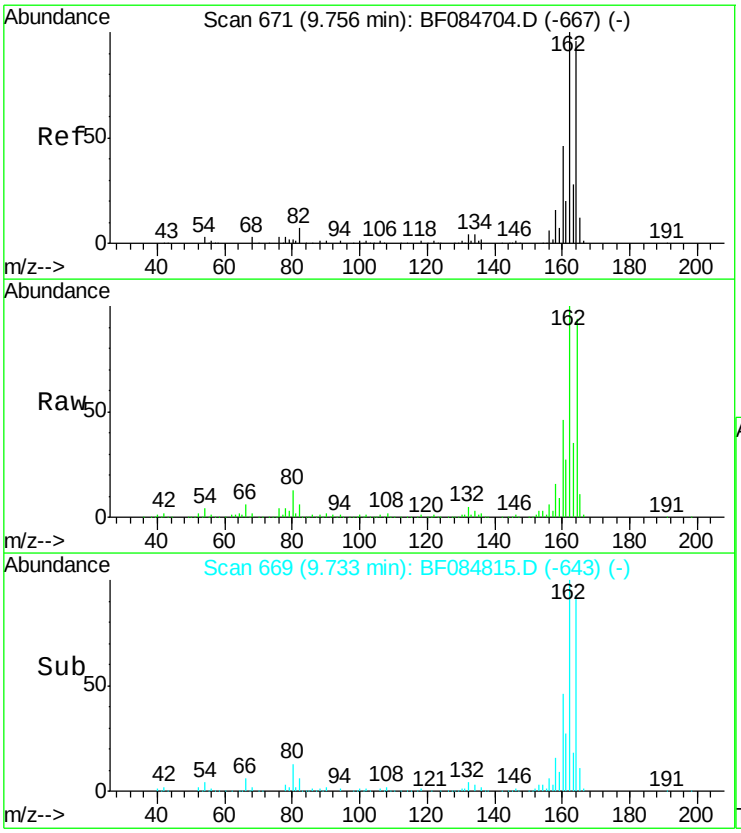
#37
2-Methylnaphthalene
Concen: 51.56 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:142 Resp: 1209618

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.4	108.6
115	35.7	27.9	41.9

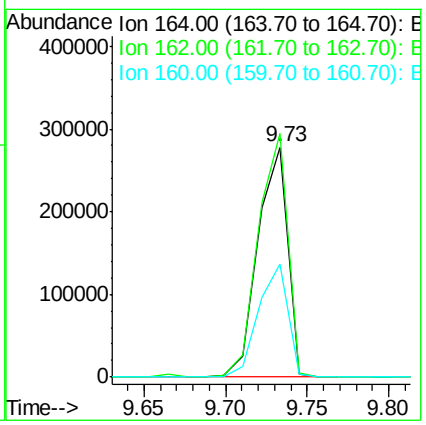


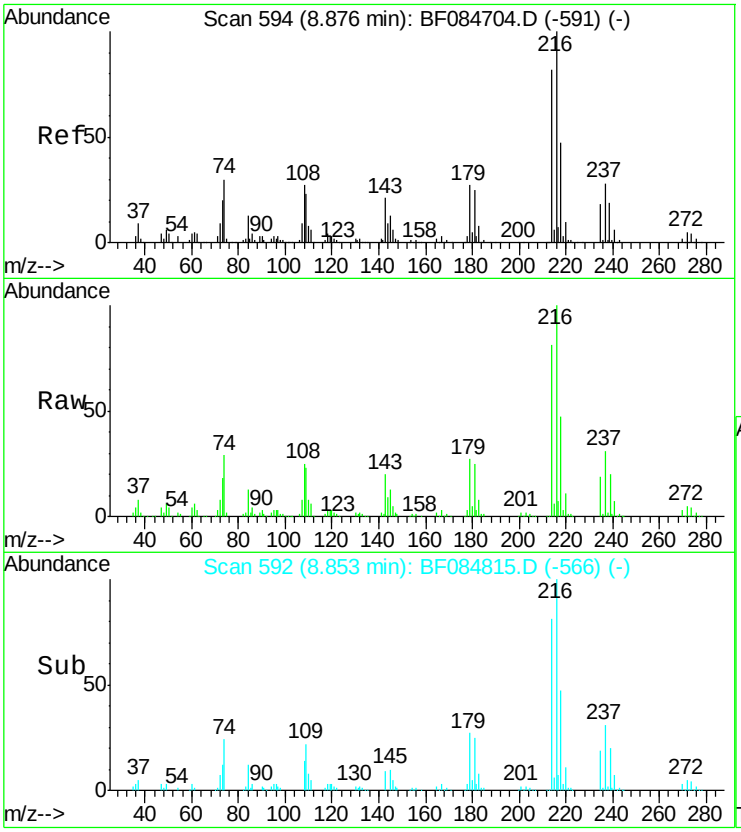


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:164 Resp: 351988

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.1	127.7
160	49.1	37.5	56.3



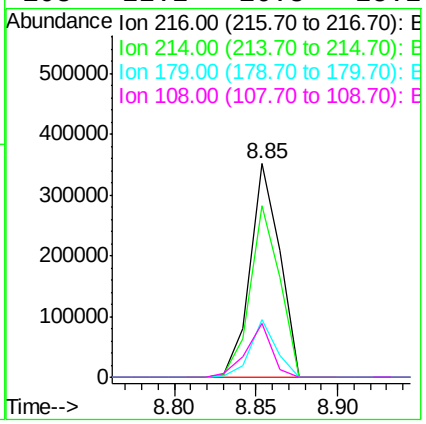


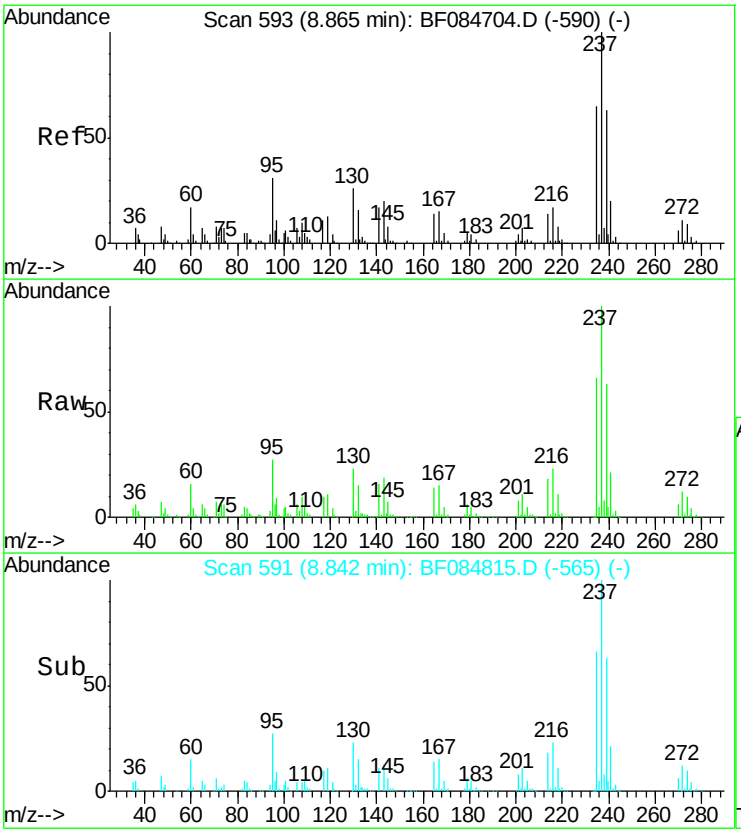
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.57 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:216 Resp: 442359

Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.2	96.2
179	23.3	18.7	28.1
108	22.2	16.8	25.2

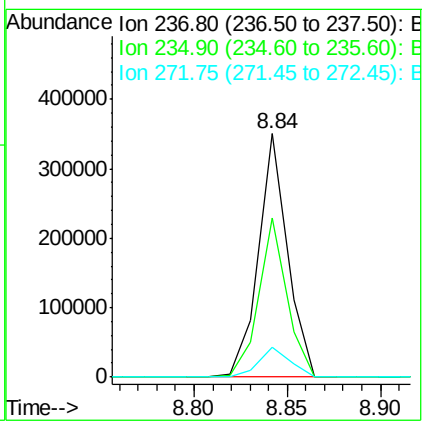


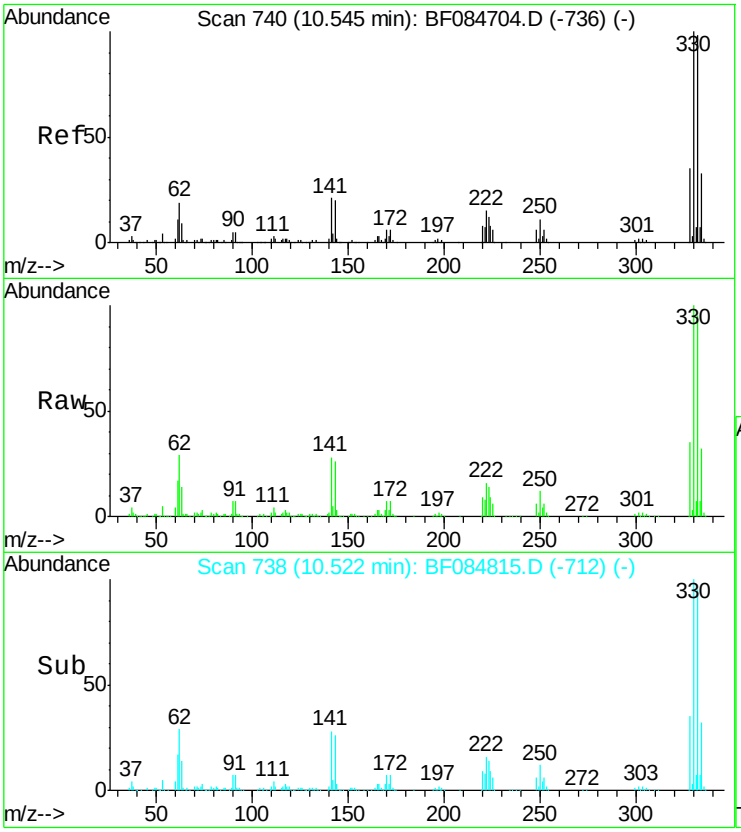


#40
Hexachlorocyclopentadiene
Concen: 77.17 ng
RT: 8.84 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:237 Resp: 375346

Ion	Ratio	Lower	Upper
237	100		
235	65.5	43.1	83.1
272	12.0	0.0	35.1



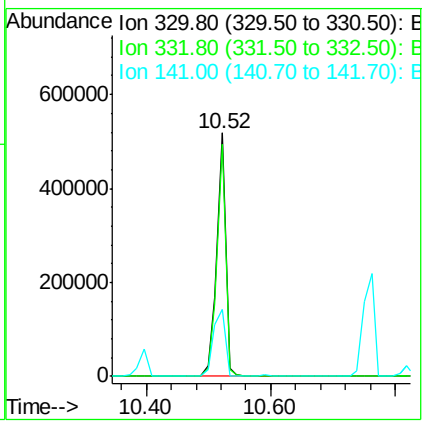


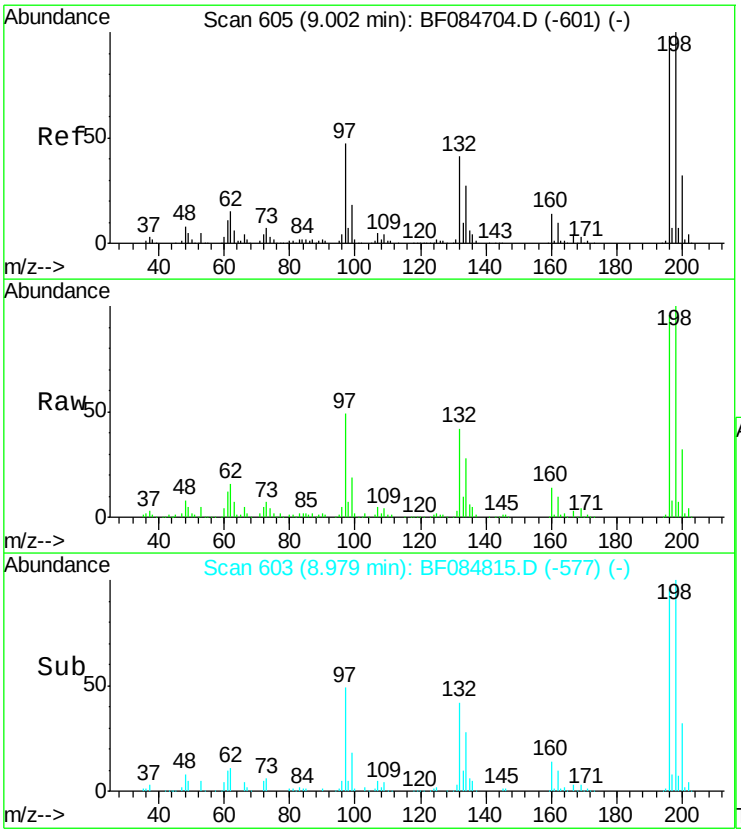
#41
2,4,6-Tribromophenol
Concen: 137.92 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:330 Resp: 506388

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	36.8	27.8	41.6

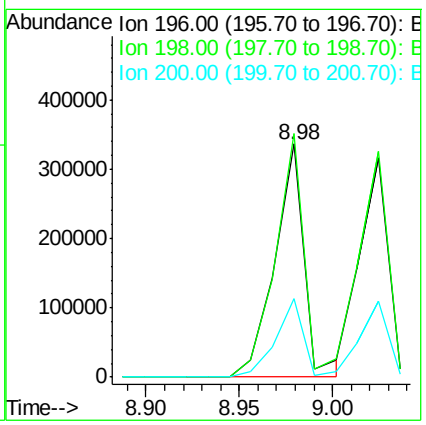


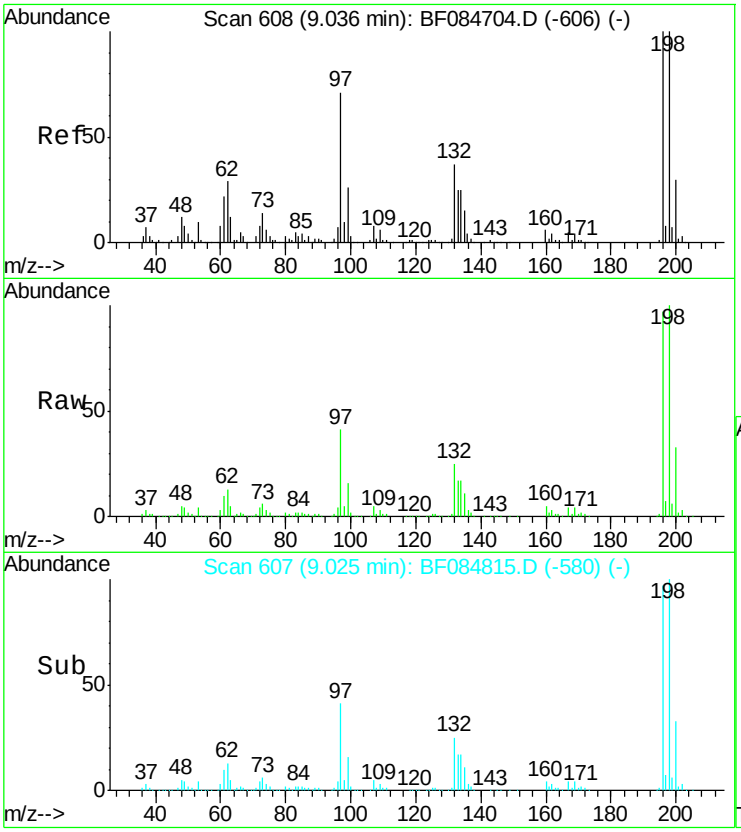


#42
2,4,6-Trichlorophenol
Concen: 51.32 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:196 Resp: 369629

Ion	Ratio	Lower	Upper
196	100		
198	104.4	77.7	116.5
200	33.5	24.6	37.0



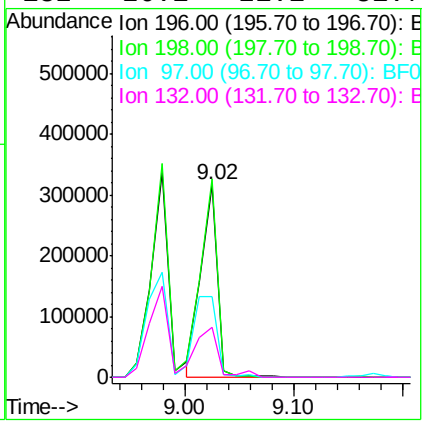


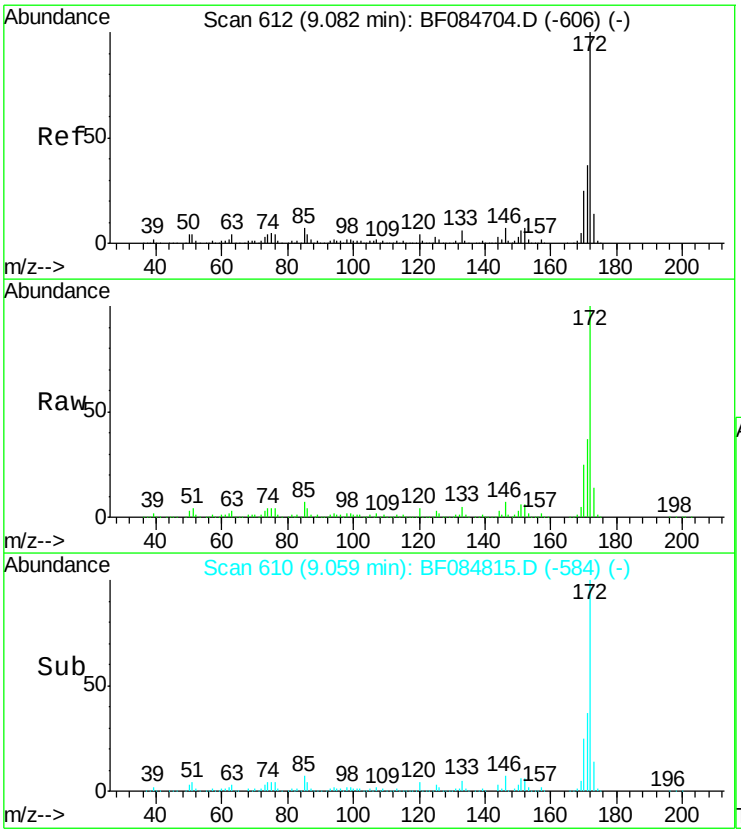
#43
2,4,5-Trichlorophenol
Concen: 46.05 ng
RT: 9.02 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:196 Resp: 336950

Ion	Ratio	Lower	Upper
196	100		
198	102.8	79.0	118.6
97	41.7	33.0	49.6
132	26.1	21.1	31.7

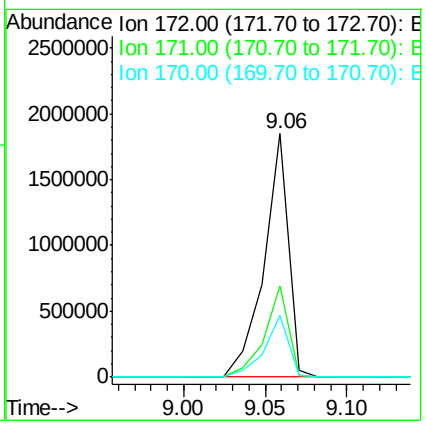


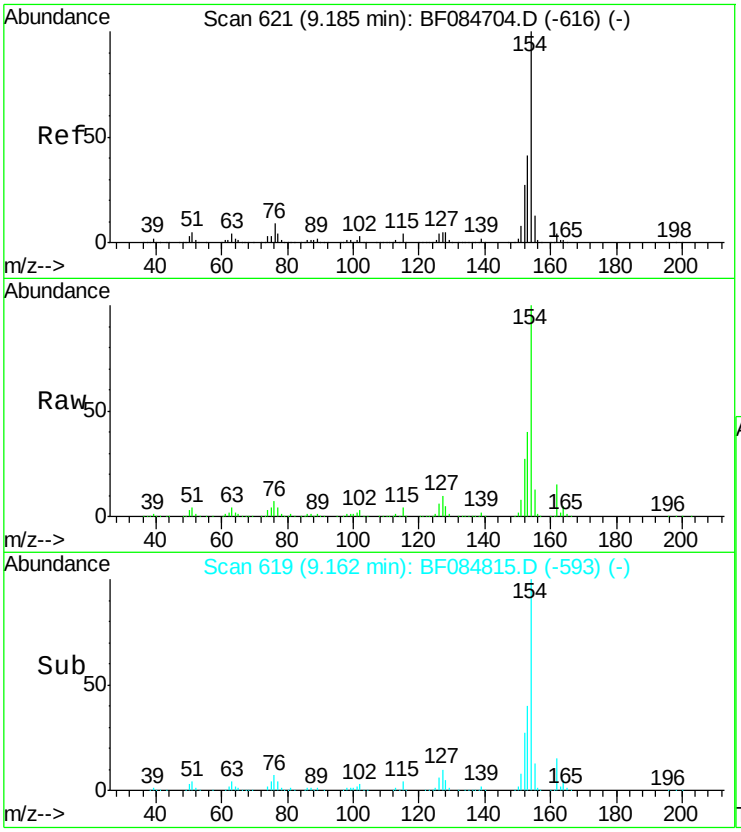


#44
2-Fluorobiphenyl
Concen: 96.09 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:172 Resp: 1920569

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.5	18.6	27.8



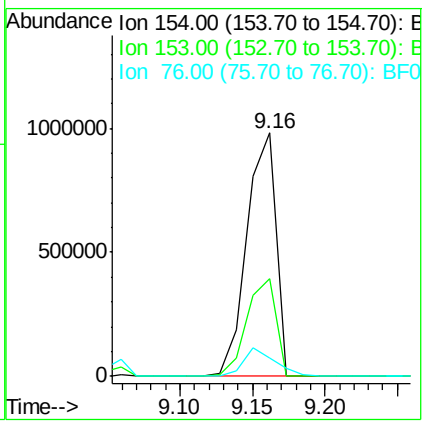


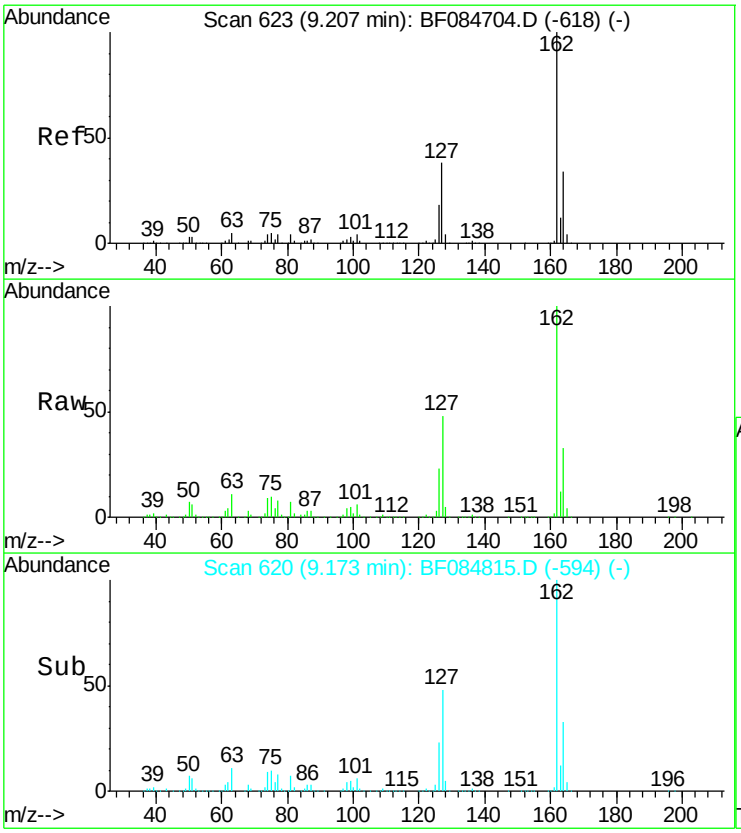
#45
1,1'-Biphenyl
Concen: 43.42 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:154 Resp: 1365227

Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.6	61.6
76	7.4	0.0	32.7

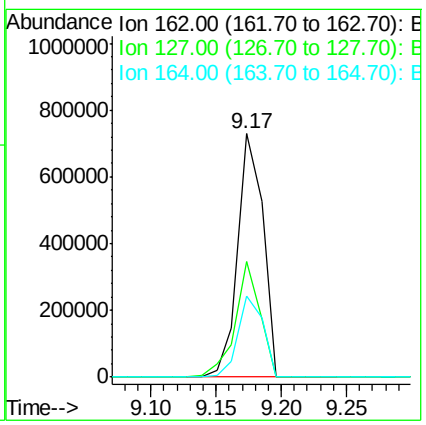


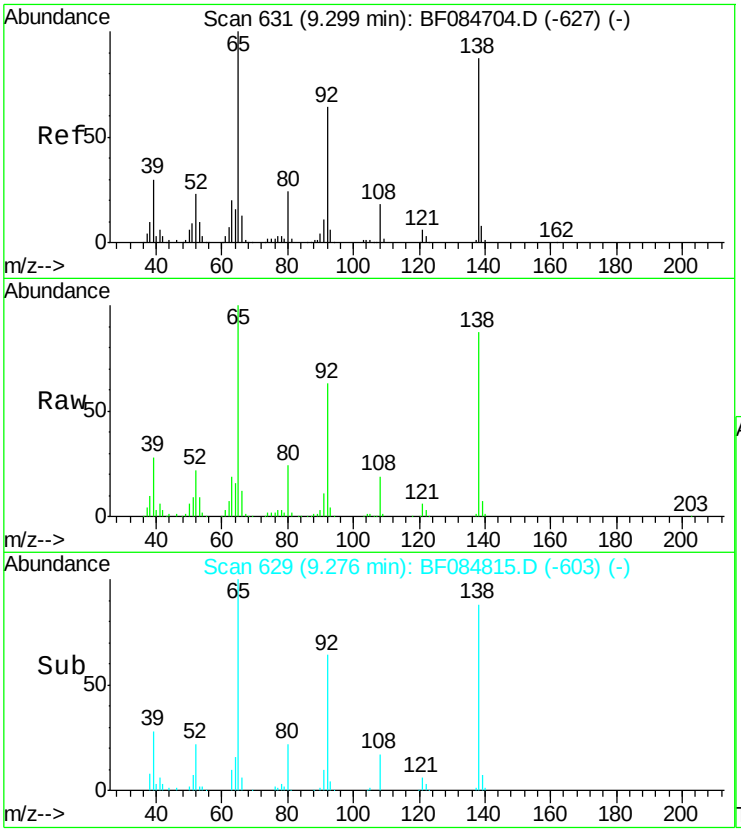


#46
2-Chloronaphthalene
Concen: 42.30 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:162 Resp: 979439

Ion	Ratio	Lower	Upper
162	100		
127	47.6	40.2	60.4
164	33.4	25.7	38.5



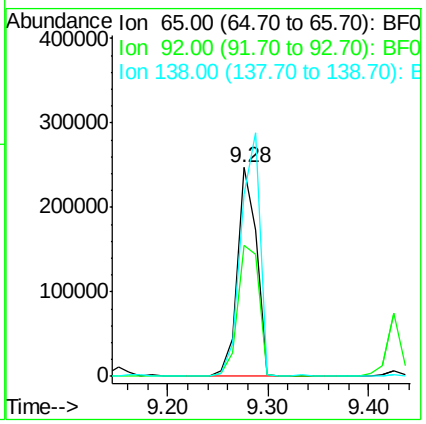


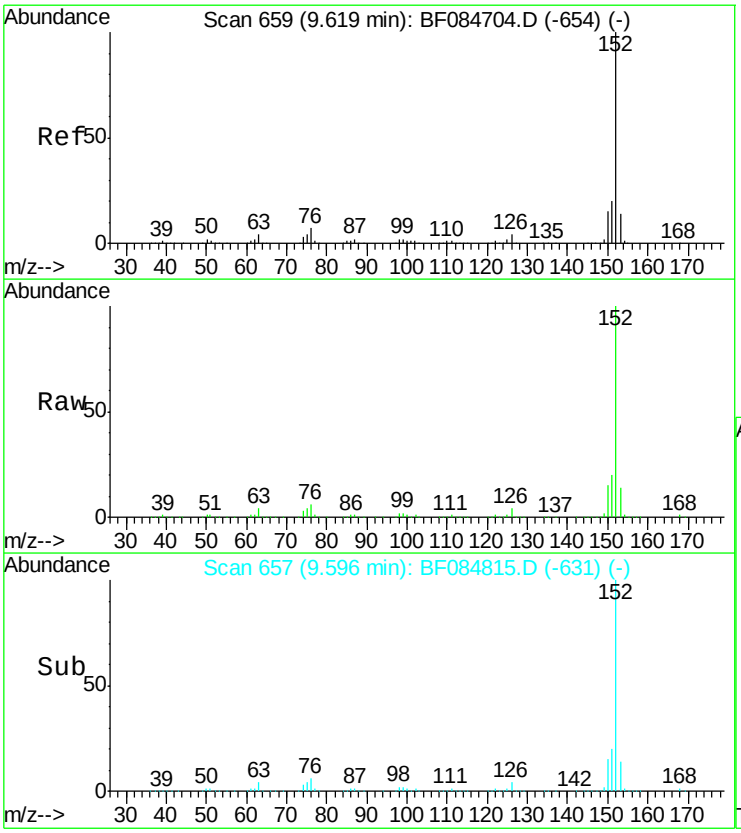
#47
2-Nitroaniline
Concen: 44.65 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion: 65 Resp: 327343

Ion	Ratio	Lower	Upper
65	100		
92	63.1	53.4	80.2
138	87.2	71.1	106.7

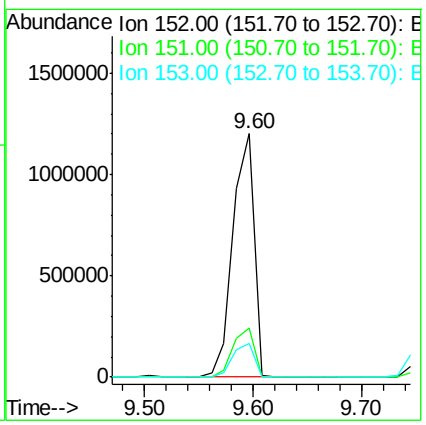


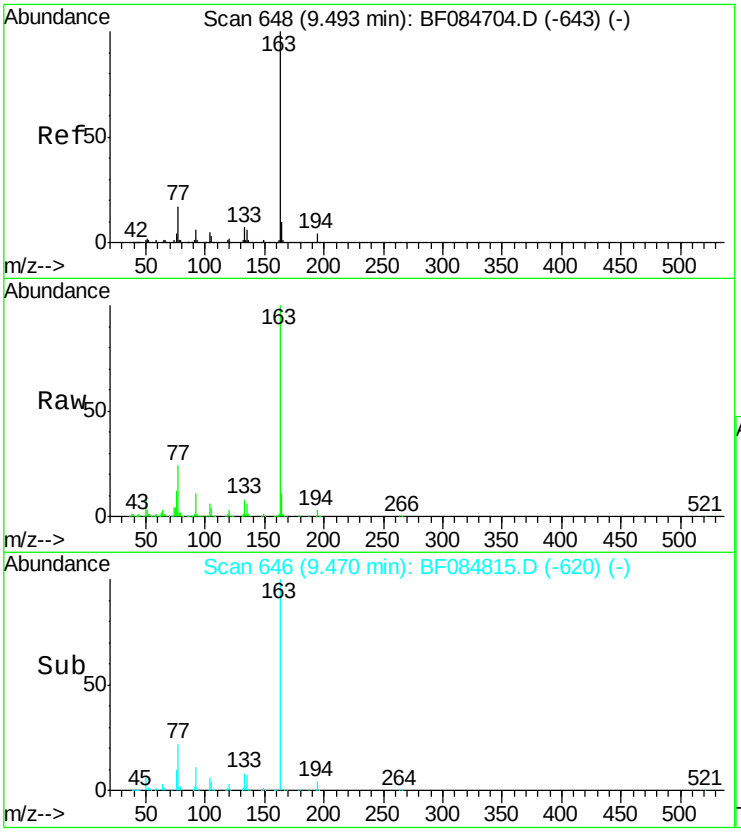


#48
Acenaphthylene
Concen: 45.44 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:152 Resp: 1596655

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.8	10.4	15.6



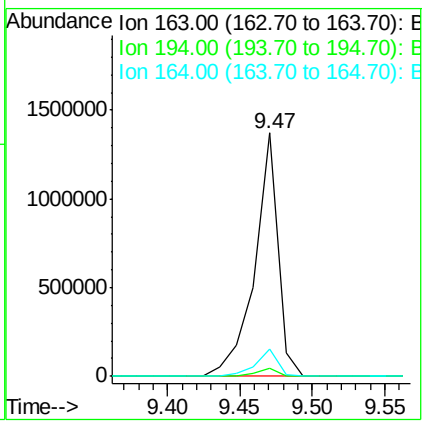


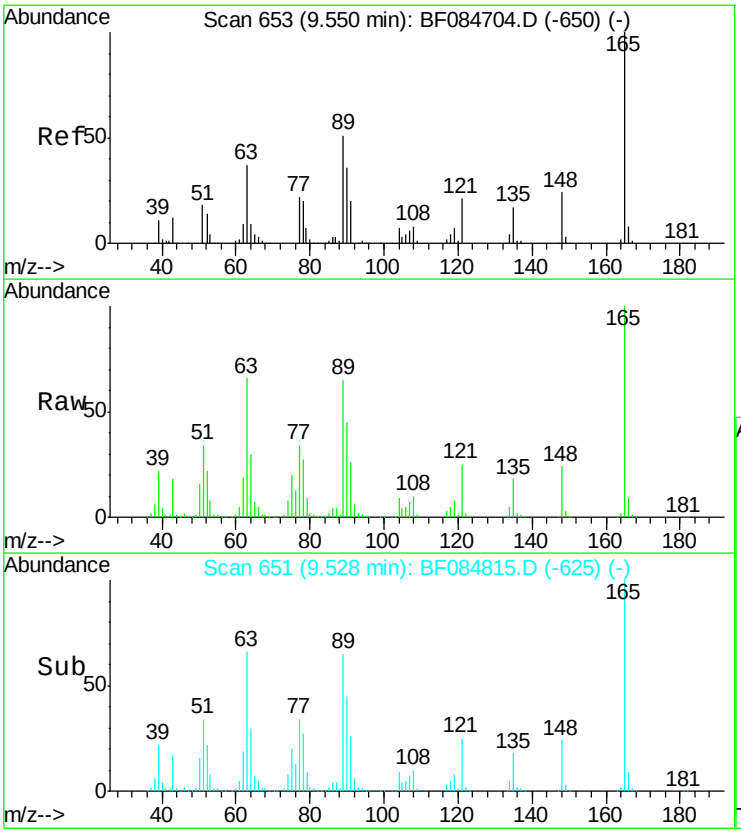
#49
Dimethylphthalate
Concen: 57.08 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:163 Resp: 1530277

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	11.0	8.0	12.0

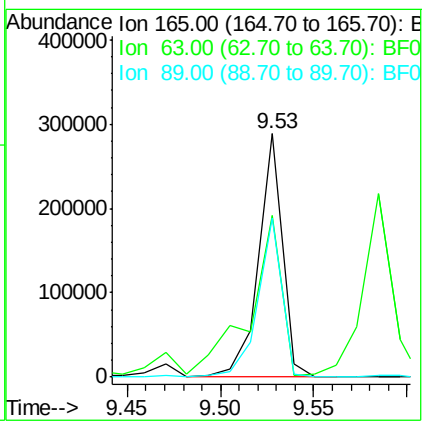


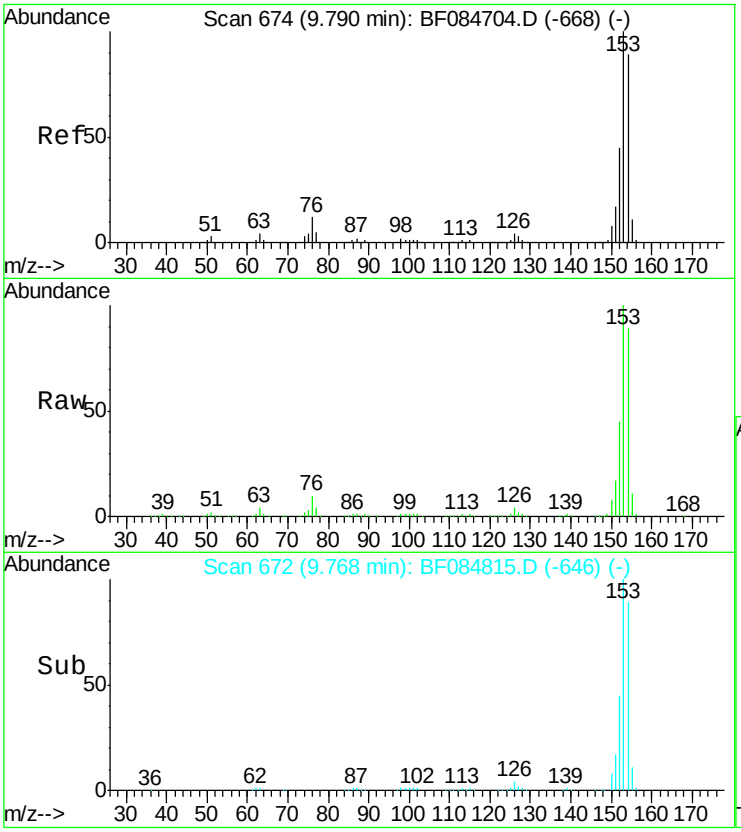


#50
2,6-Dinitrotoluene
Concen: 43.59 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:165 Resp: 255303

Ion	Ratio	Lower	Upper
165	100		
63	66.2	28.8	43.2#
89	65.2	35.1	52.7#



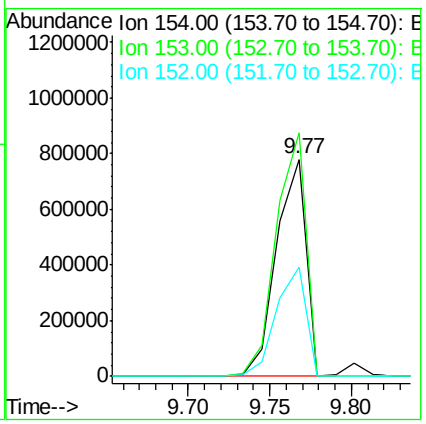


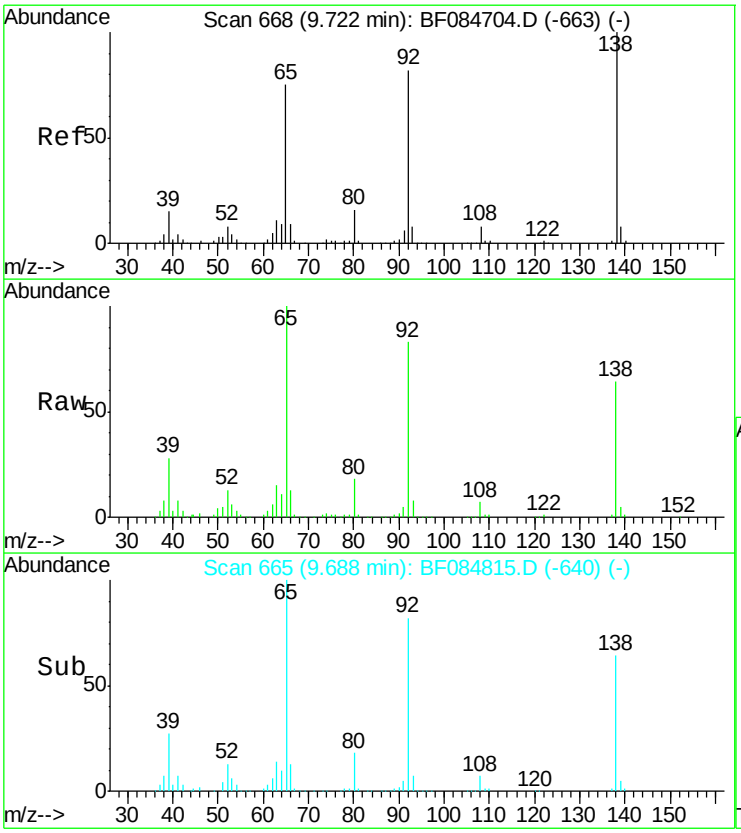
#51
Acenaphthene
Concen: 43.58 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:154 Resp: 996198

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.5	137.3
152	50.6	43.0	64.6

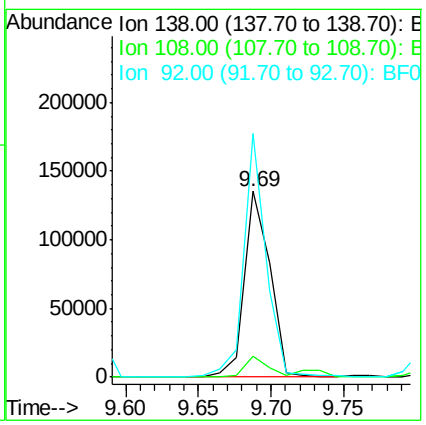


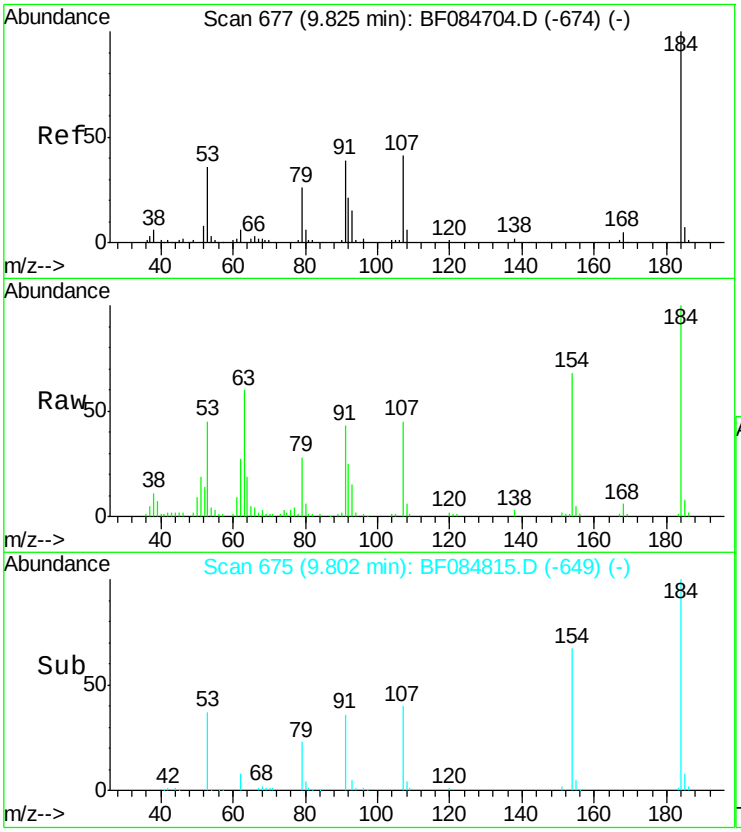


#52
3-Nitroaniline
Concen: 25.15 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:138 Resp: 165482

Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.5	15.7
92	130.9	103.9	155.9



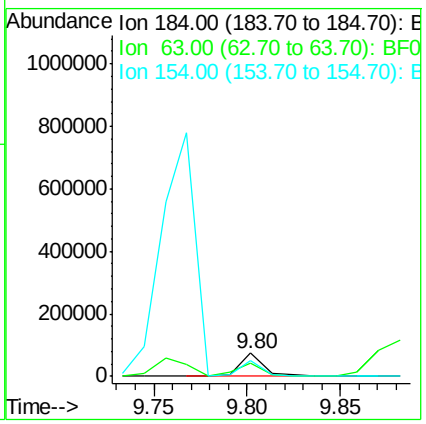


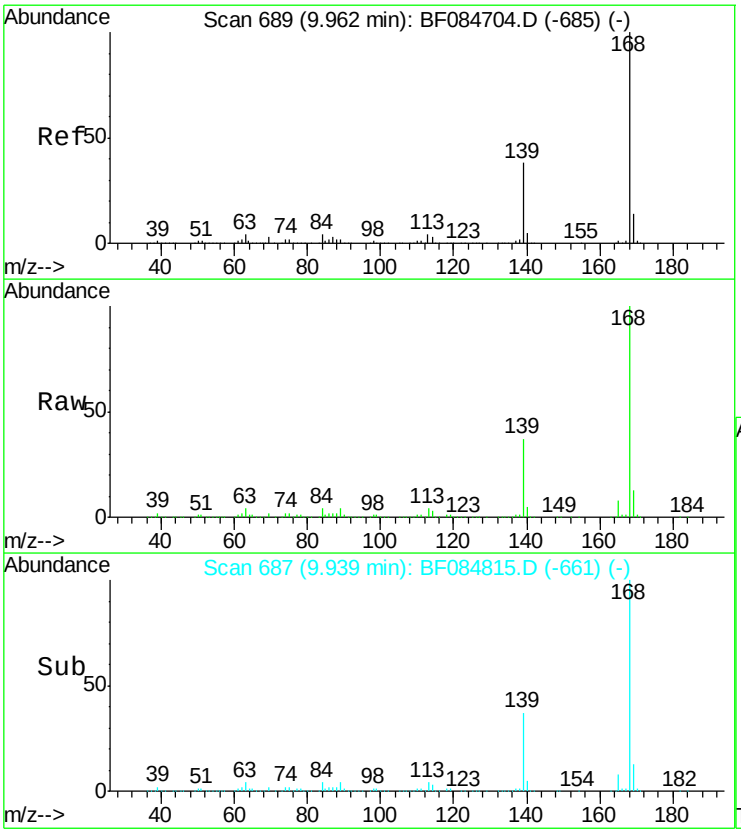
#53
2,4-Dinitrophenol
Concen: 28.46 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:184 Resp: 66038

Ion	Ratio	Lower	Upper
184	100		
63	59.6	43.1	64.7
154	67.5	60.5	90.7

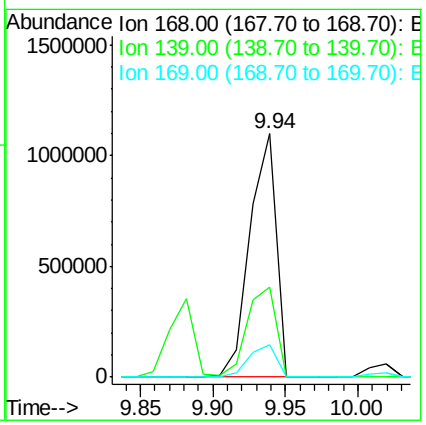


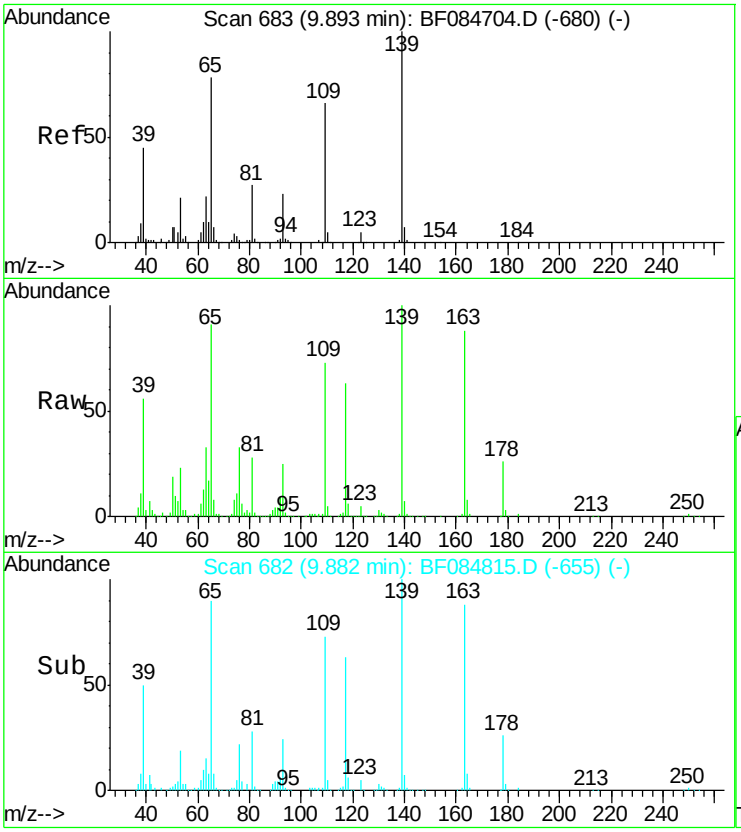


#54
Dibenzofuran
Concen: 49.59 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:168 Resp: 1385467

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.5	45.7
169	13.2	10.4	15.6



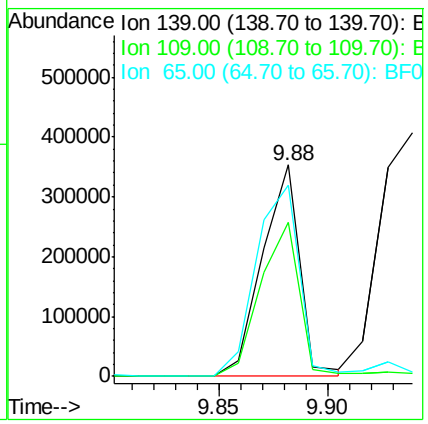


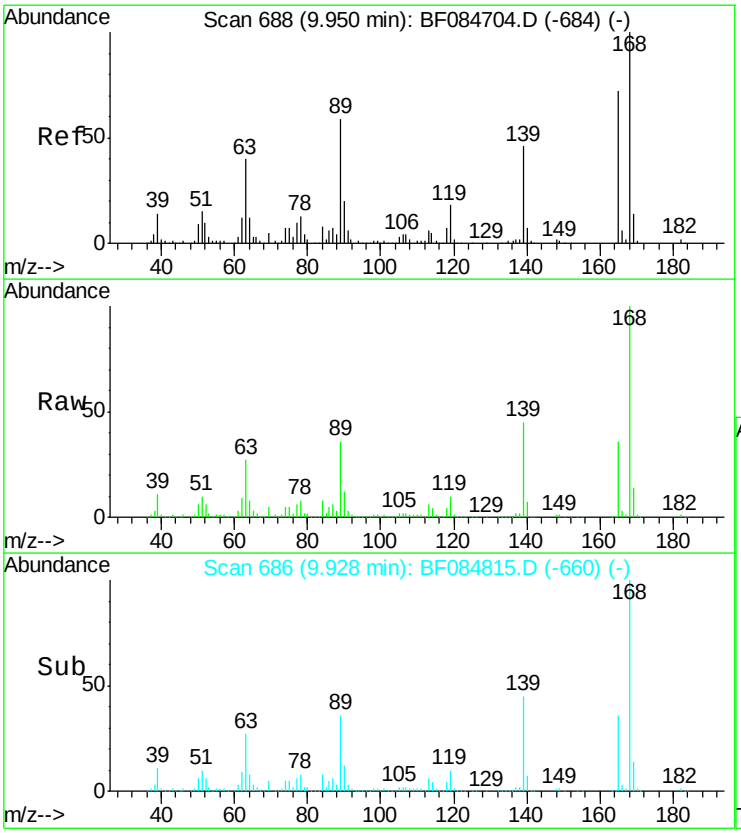
#55
4-Nitrophenol
Concen: 87.65 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:139 Resp: 423924

Ion	Ratio	Lower	Upper
139	100		
109	72.9	58.5	98.5
65	90.5	57.6	97.6

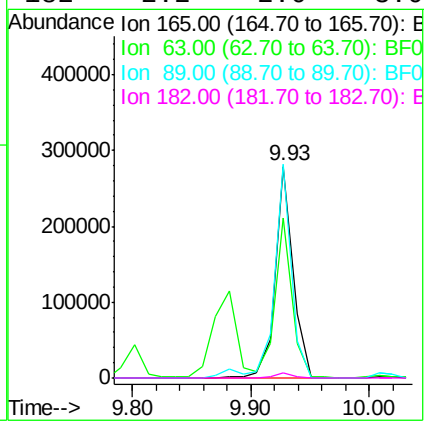


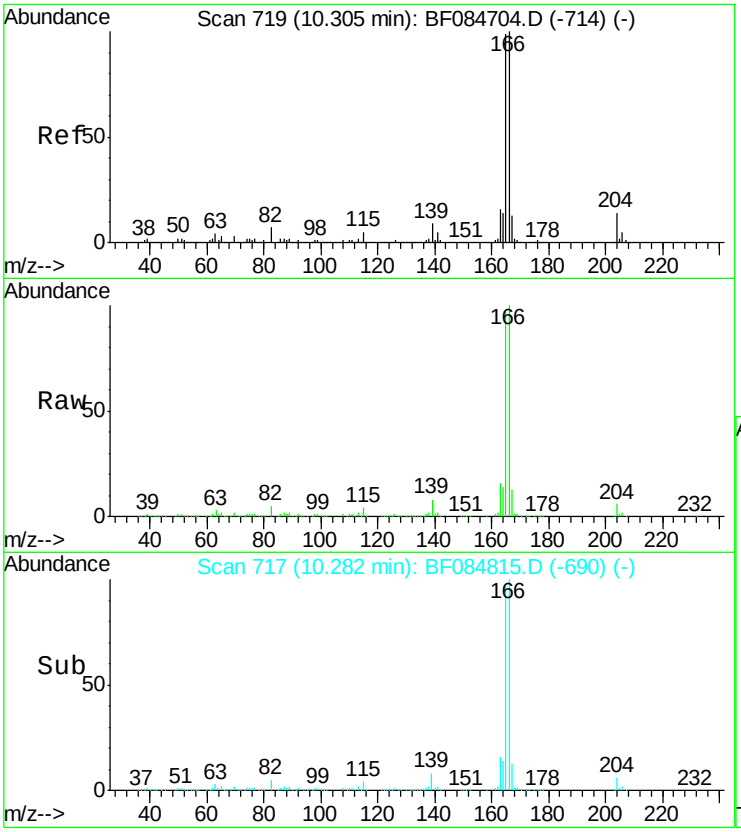


#56
2,4-Dinitrotoluene
Concen: 39.16 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:165 Resp: 292538

Ion	Ratio	Lower	Upper
165	100		
63	75.5	36.7	55.1#
89	100.9	61.9	92.9#
182	2.2	2.0	3.0



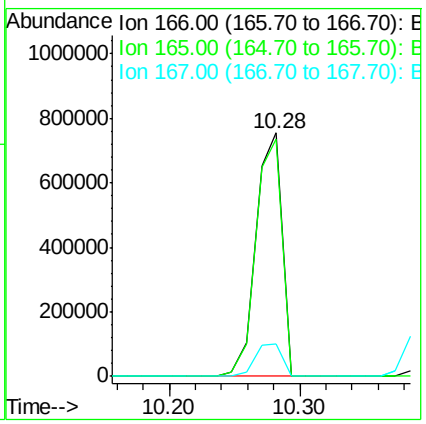


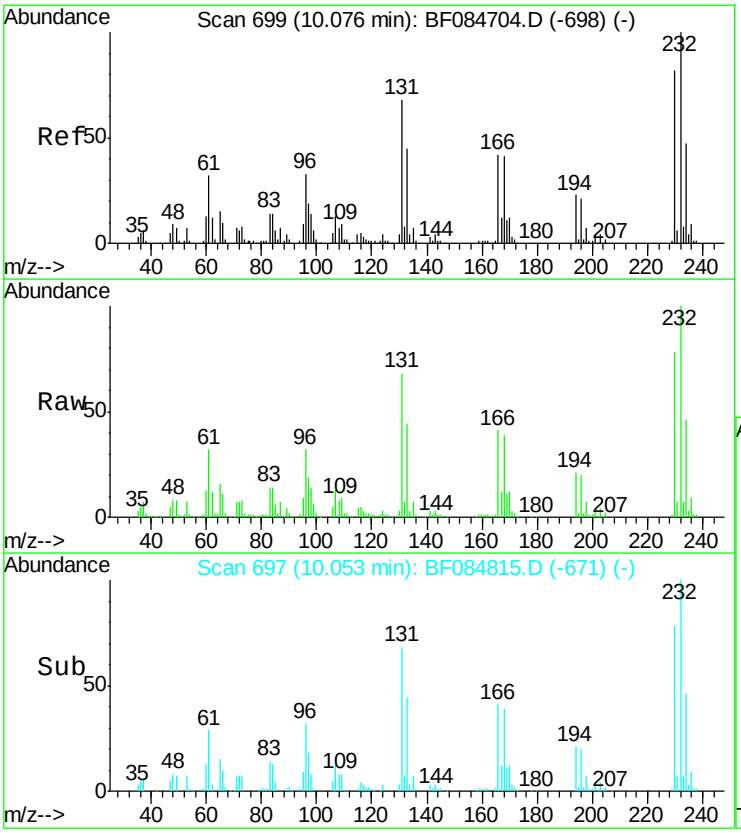
#57
Fluorene
Concen: 44.95 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:166 Resp: 1048614

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.1	118.7
167	13.2	10.4	15.6

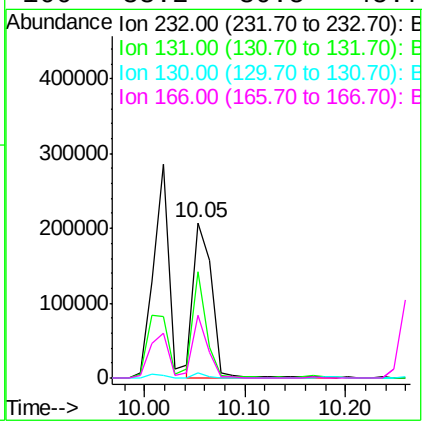


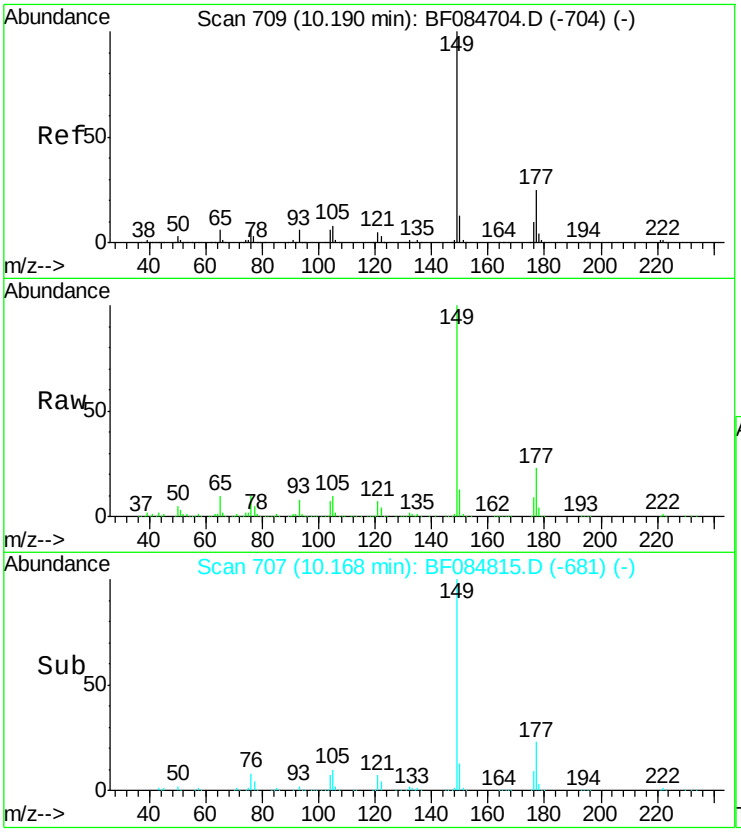


#58
2,3,4,6-Tetrachlorophenol
Concen: 46.99 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:232 Resp: 261765

Ion	Ratio	Lower	Upper
232	100		
131	52.9	47.0	70.6
130	2.3	2.0	3.0
166	33.2	30.5	45.7



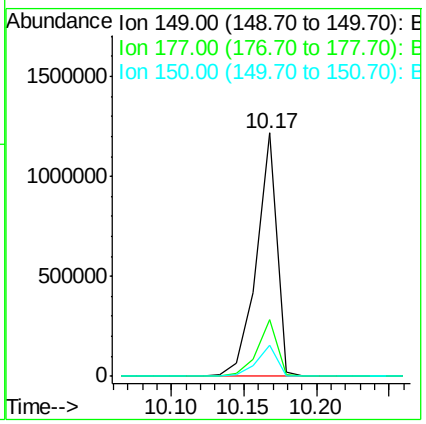


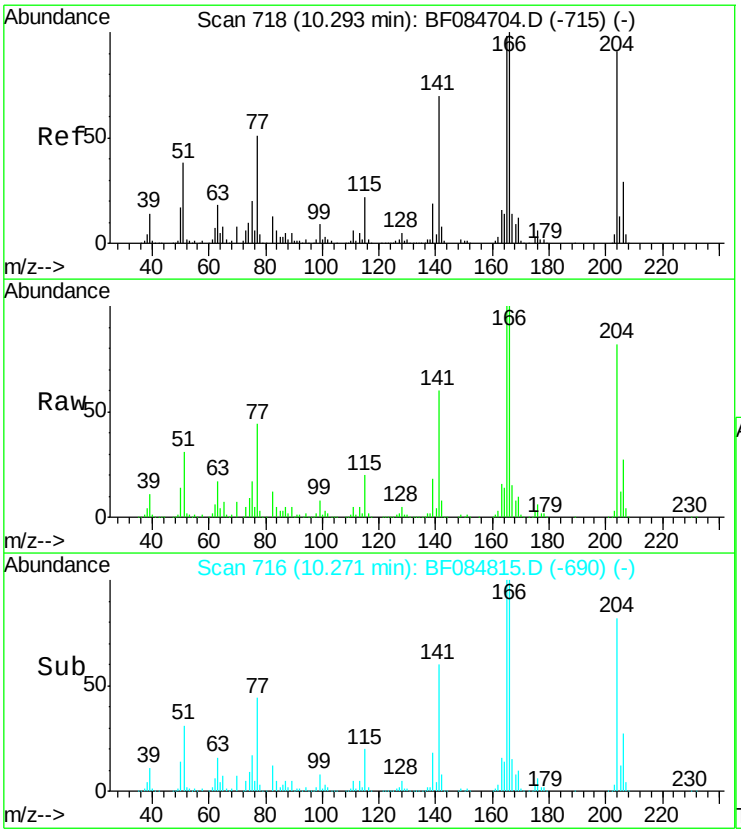
#59
Diethylphthalate
Concen: 45.63 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:149 Resp: 1194489

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.3	25.9
150	12.8	9.8	14.8

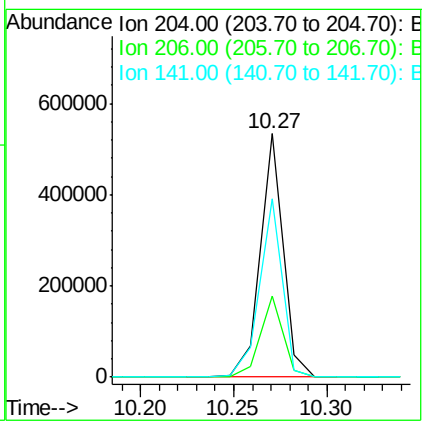


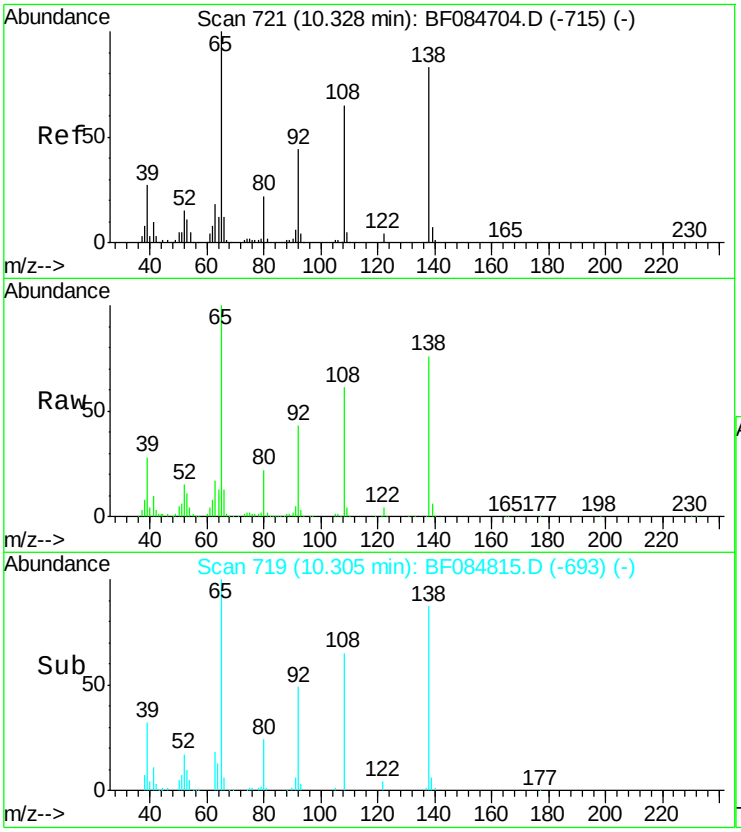


#60
4-Chlorophenyl-phenylether
Concen: 46.11 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:204 Resp: 450195

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.7	38.5
141	73.4	55.1	82.7



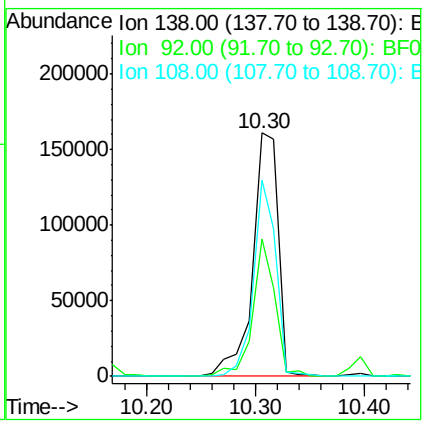


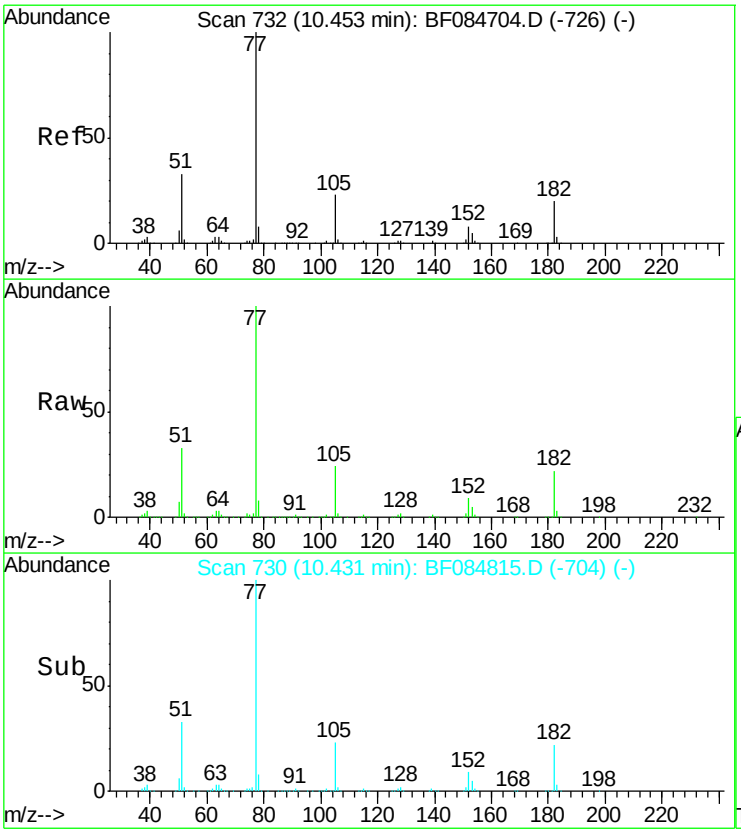
#61
4-Nitroaniline
Concen: 41.64 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:138 Resp: 267026

Ion	Ratio	Lower	Upper
138	100		
92	56.5	32.6	72.6
108	80.7	68.6	108.6

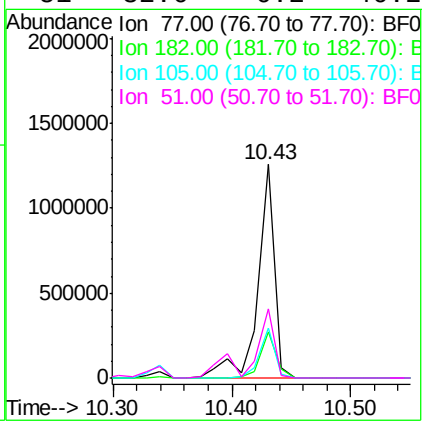


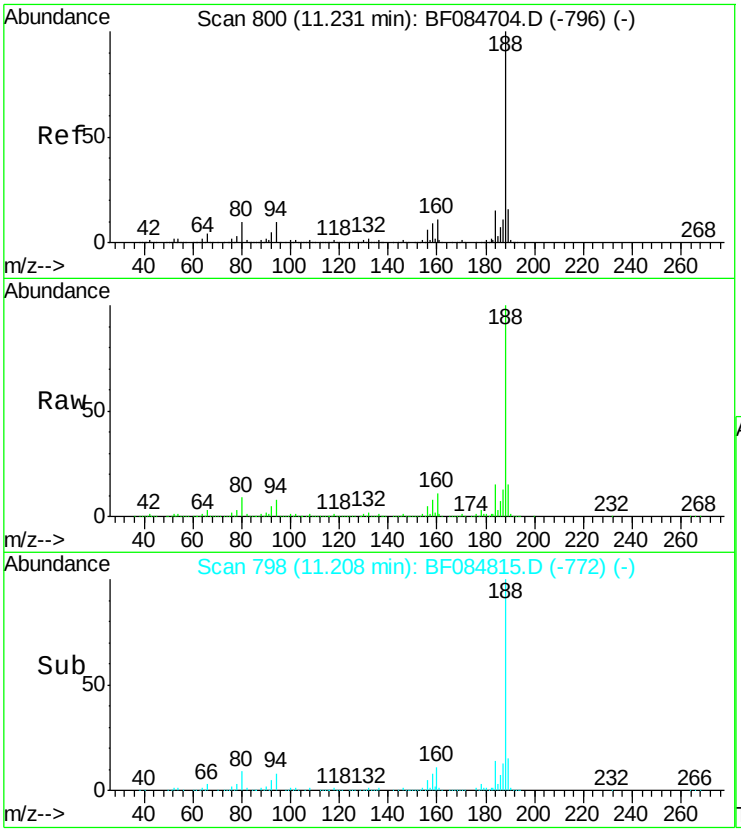


#62
Azobenzene
Concen: 49.24 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion: 77 Resp: 1239397

Ion	Ratio	Lower	Upper
77	100		
182	21.6	8.3	48.3
105	23.5	4.6	44.6
51	32.6	6.2	46.2



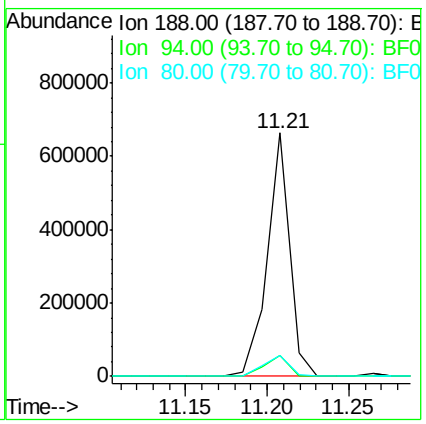


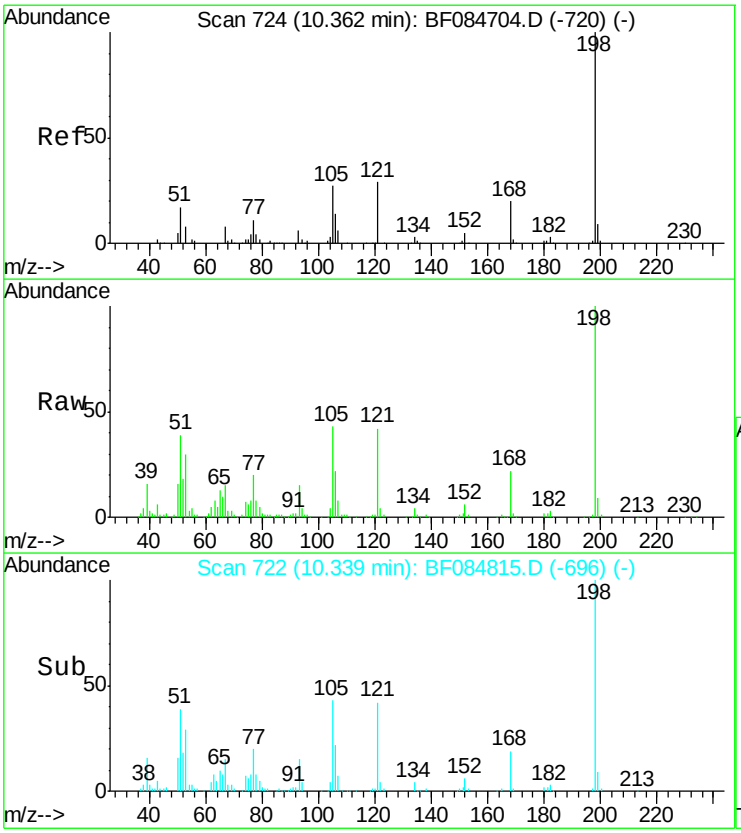
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:188 Resp: 633237

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.6	9.6	14.4#

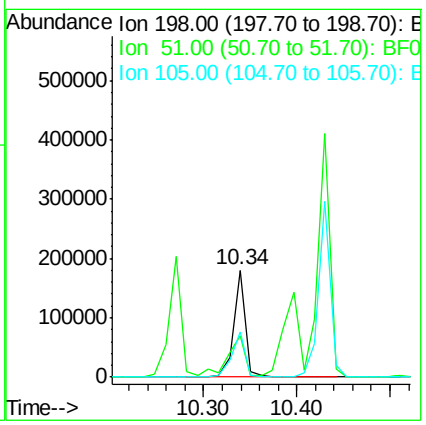


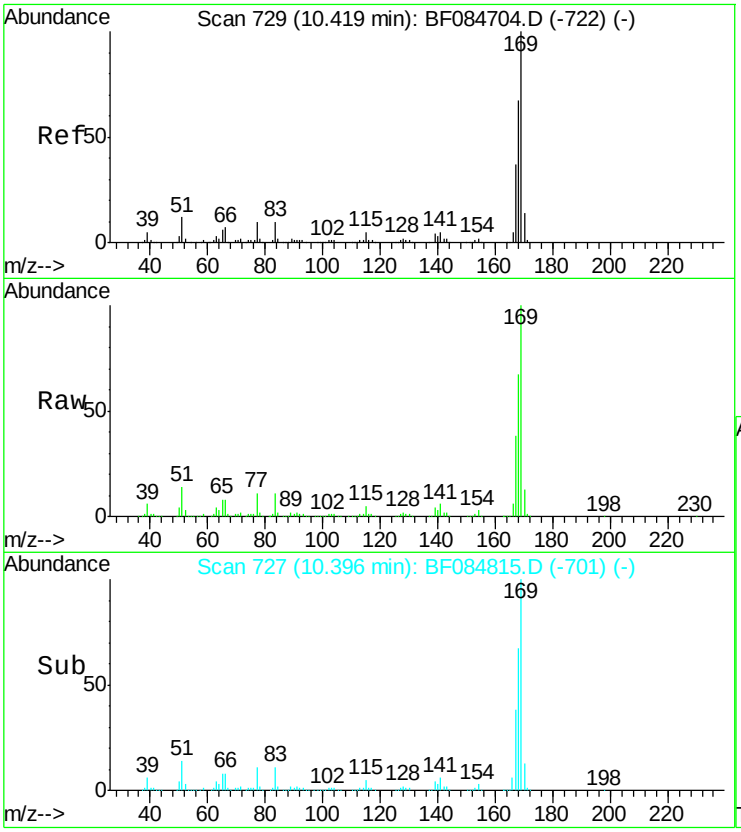


#64
4,6-Dinitro-2-methylphenol
Concen: 40.74 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:198 Resp: 159234

Ion	Ratio	Lower	Upper
198	100		
51	38.8	18.9	58.9
105	42.8	26.4	66.4



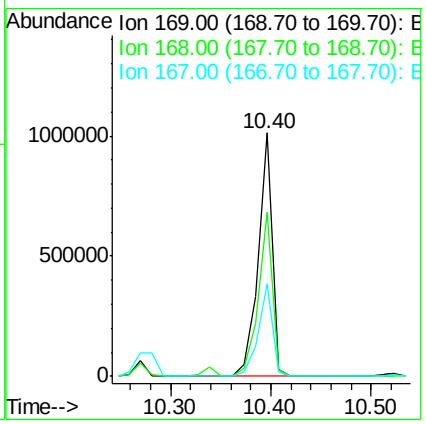


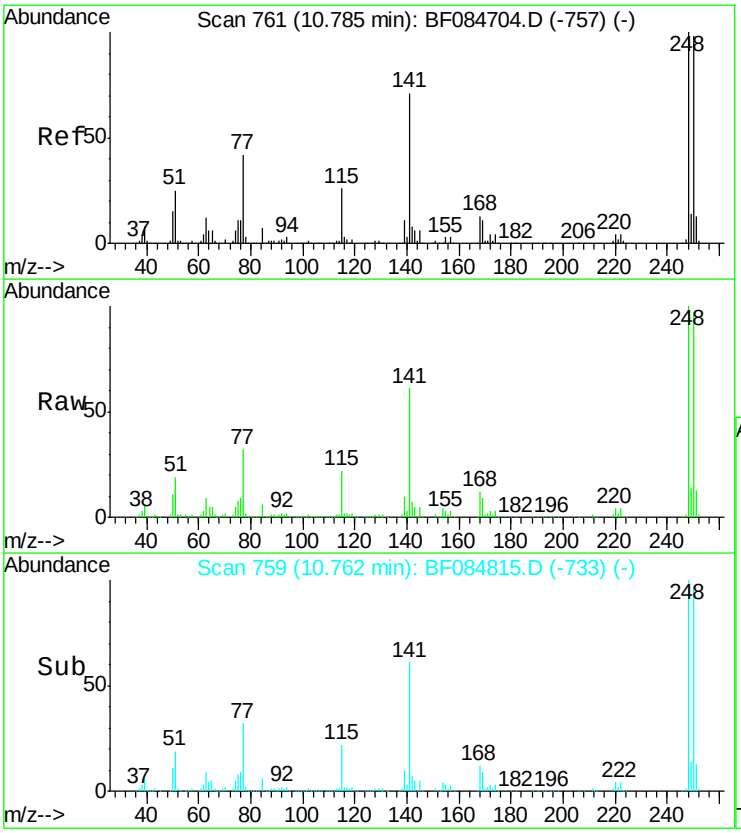
#65
n-Nitrosodiphenylamine
Concen: 48.91 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:169 Resp: 983418

Ion	Ratio	Lower	Upper
169	100		
168	67.3	55.1	82.7
167	37.9	30.0	45.0

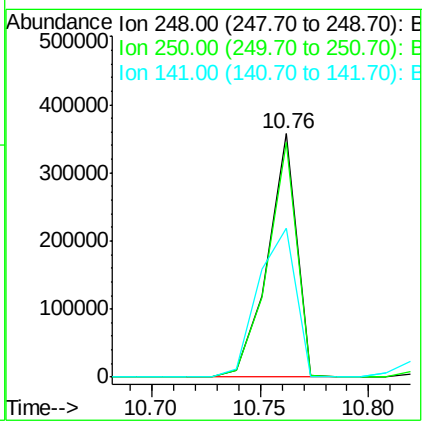


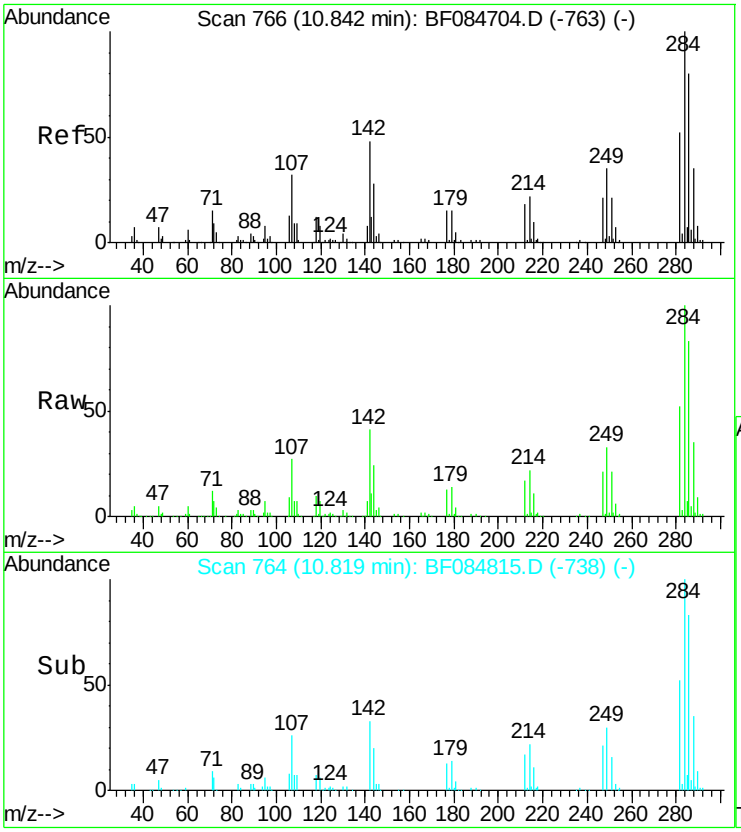


#66
4-Bromophenyl-phenylether
Concen: 48.00 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:248 Resp: 335714

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.4	117.6
141	61.0	44.0	66.0



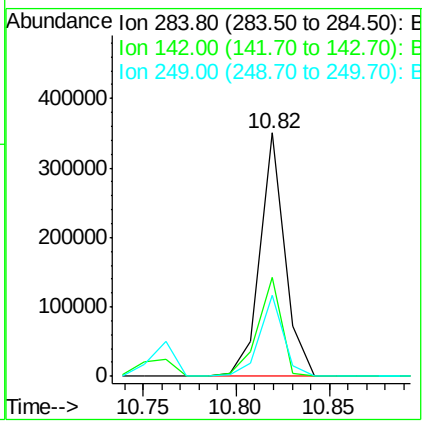


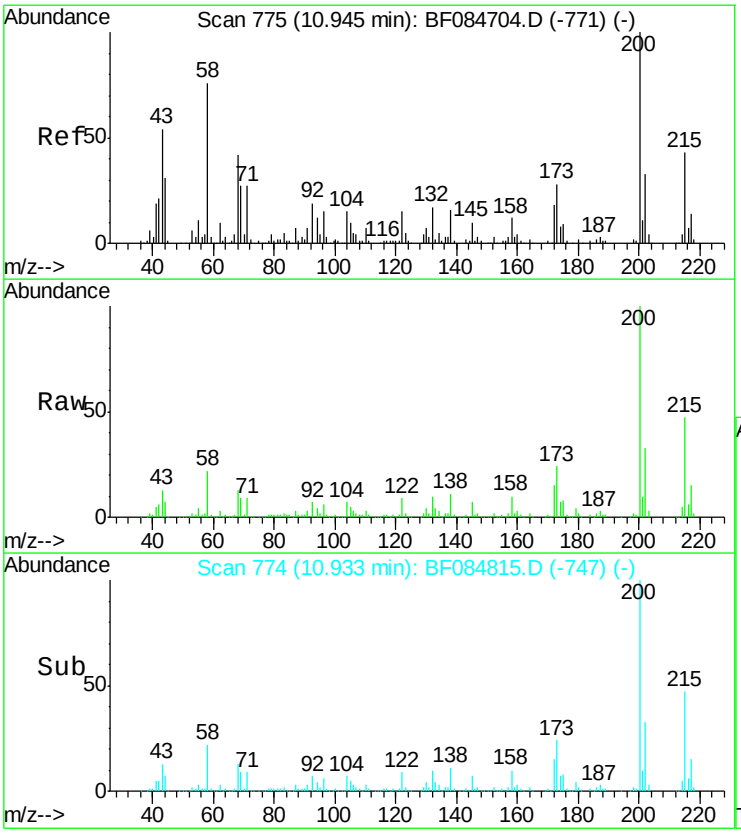
#67
Hexachlorobenzene
Concen: 42.98 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:284 Resp: 327532

Ion	Ratio	Lower	Upper
284	100		
142	40.5	22.2	33.4#
249	33.2	24.6	37.0

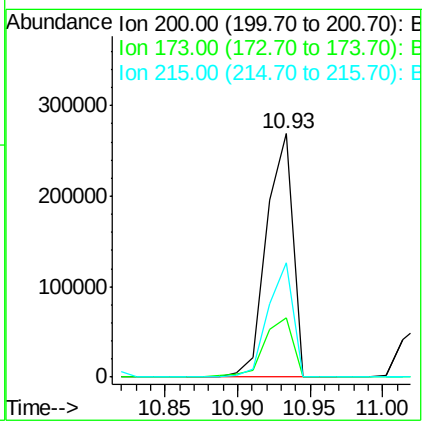


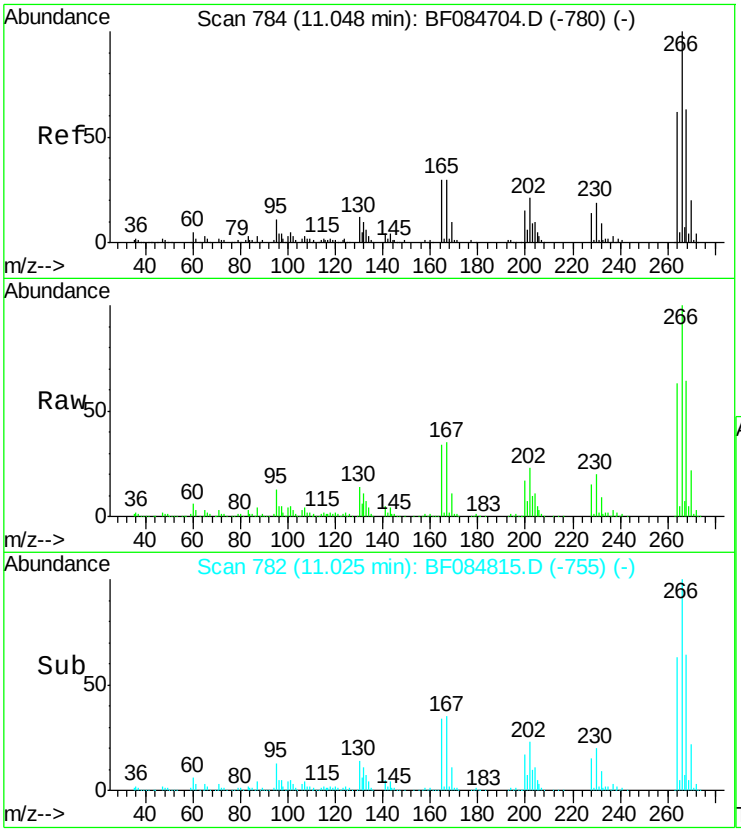


#68
Atrazine
Concen: 53.26 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:200 Resp: 338200

Ion	Ratio	Lower	Upper
200	100		
173	24.4	9.5	49.5
215	47.1	23.8	63.8



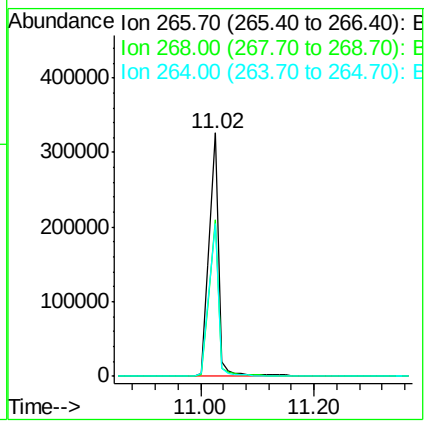


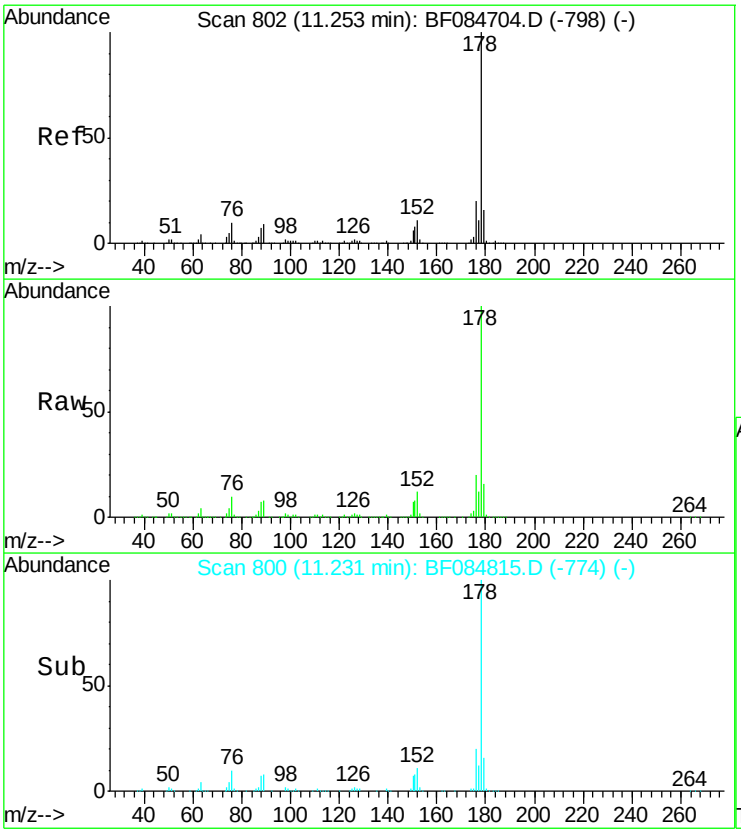
#69
Pentachlorophenol
Concen: 102.13 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:266 Resp: 365791

Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.4	78.6
264	62.9	50.2	75.2

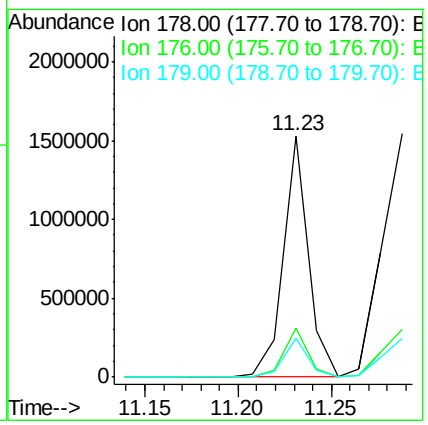


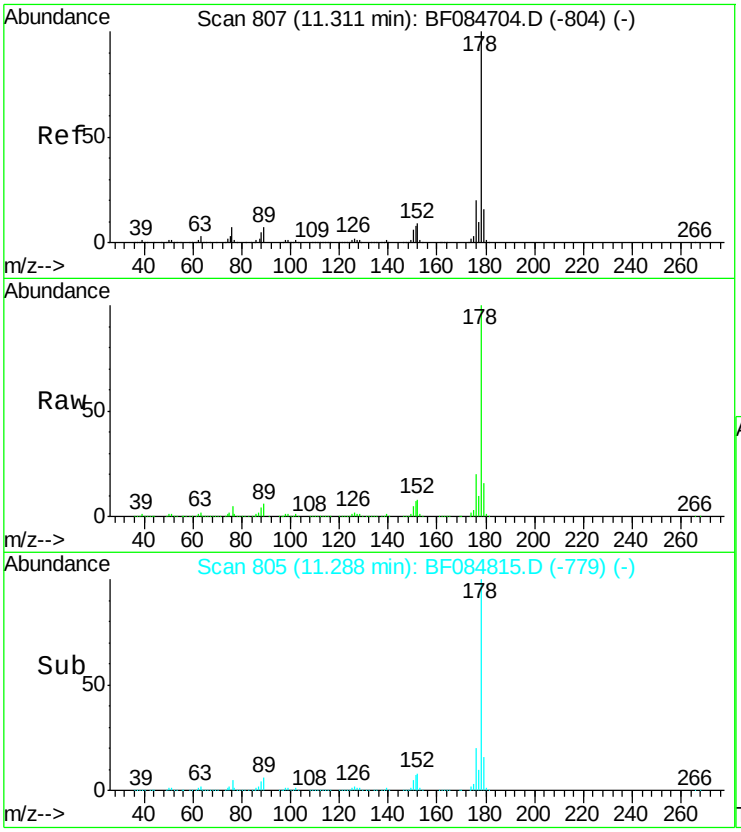


#70
Phenanthrene
Concen: 40.72 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:178 Resp: 1430318

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.2	12.0	18.0



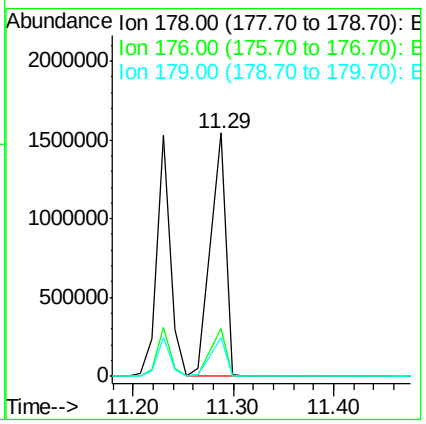


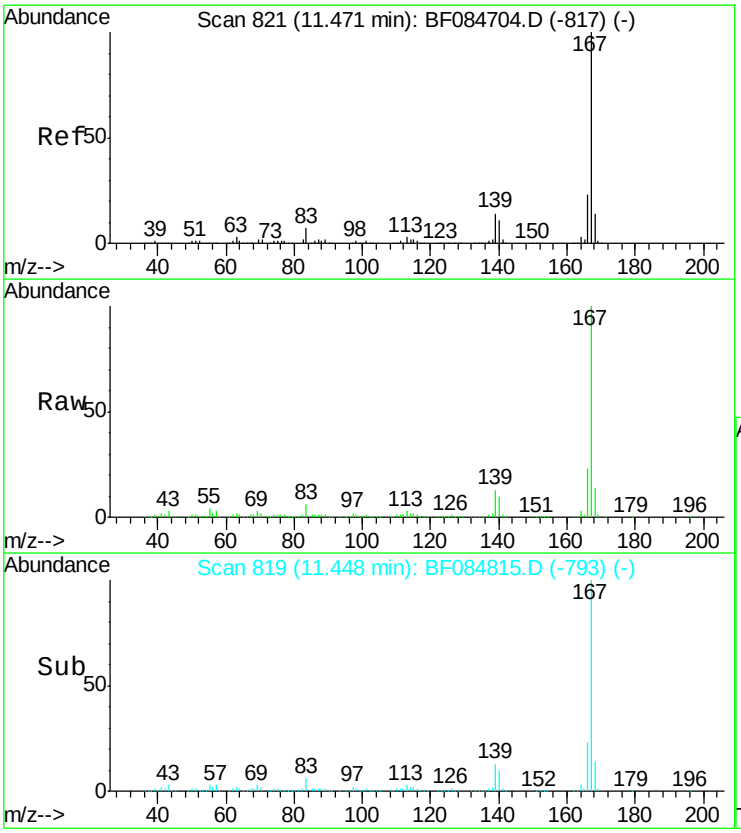
#71
Anthracene
Concen: 46.81 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:178 Resp: 1656453

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.8	12.5	18.7

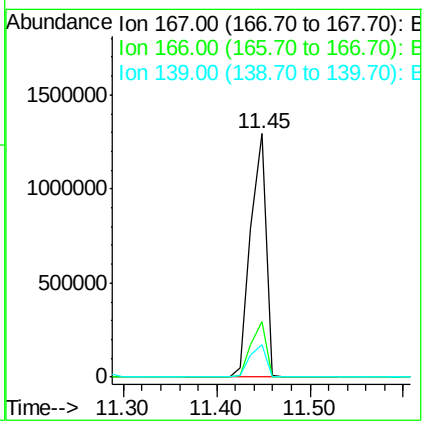


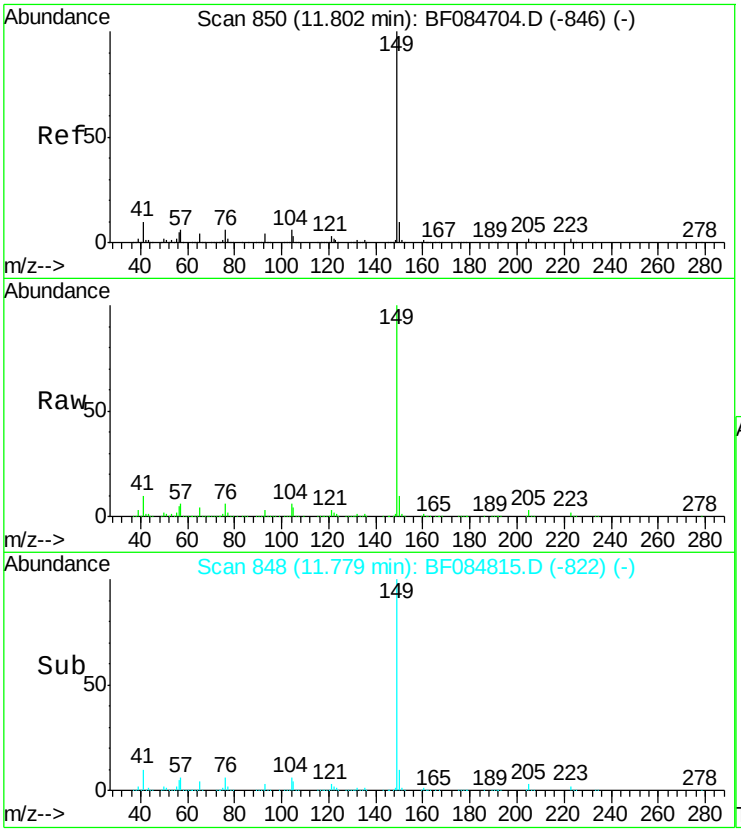


#72
Carbazole
Concen: 48.05 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:167 Resp: 1482833

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.1	11.8	17.8



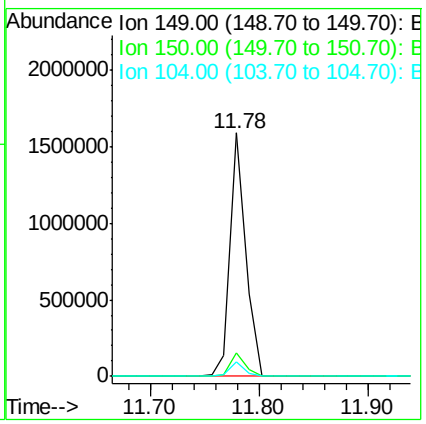


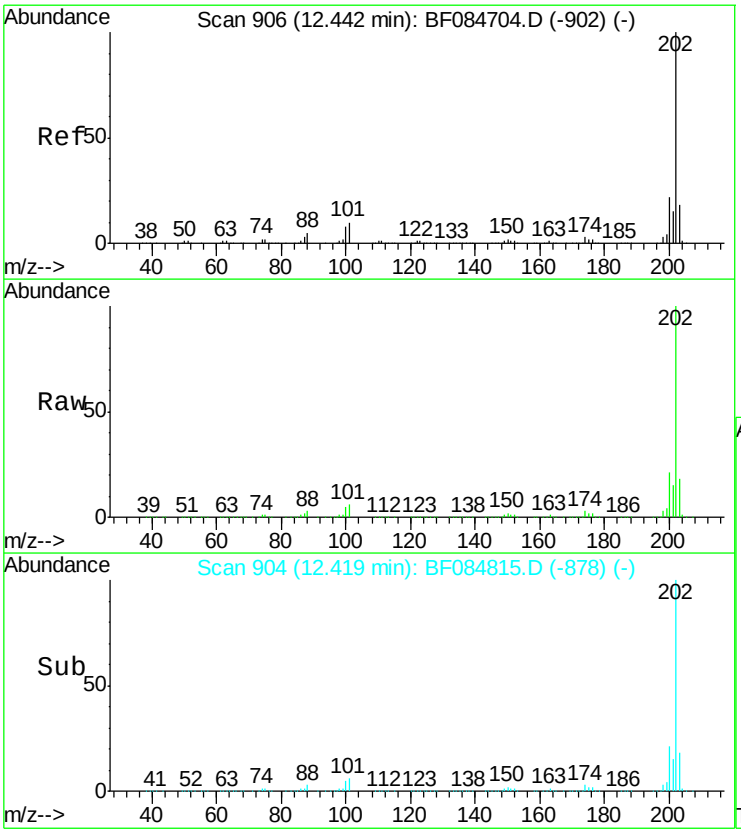
#73
Di-n-butylphthalate
Concen: 39.90 ng
RT: 11.78 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:149 Resp: 1567602

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.1	10.7
104	6.1	3.2	4.8#

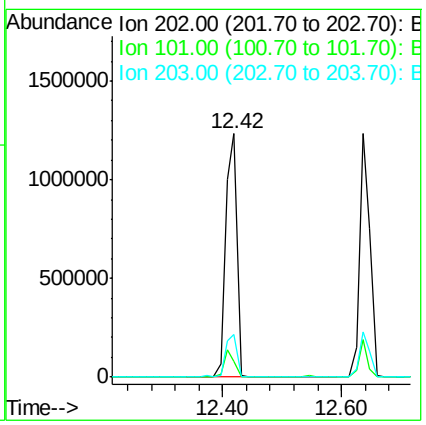


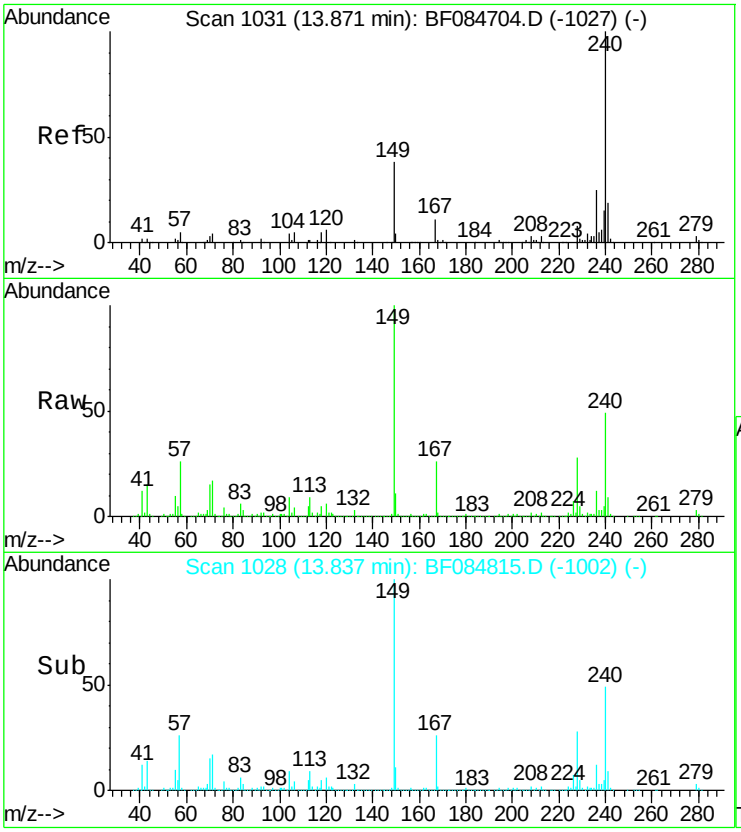


#74
Fluoranthene
Concen: 44.97 ng
RT: 12.42 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:202 Resp: 1598518

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	32.8
203	17.6	0.0	37.9



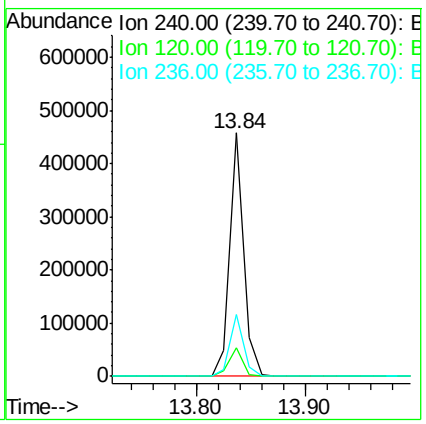


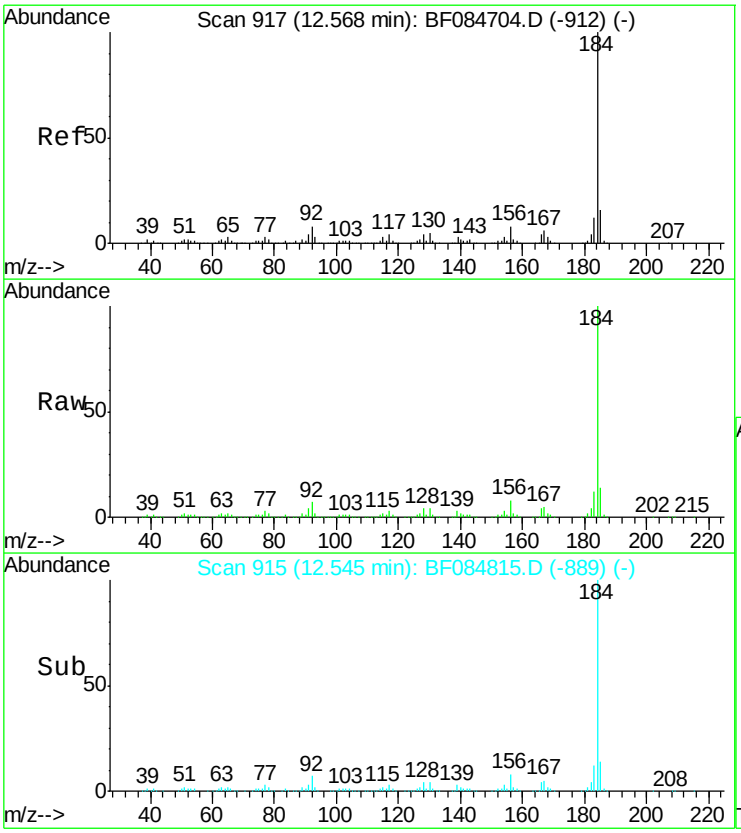
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(34-36)MSD

Tgt Ion:240 Resp: 404643

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.5	20.6	31.0





#76
Benzidine
Concen: 55.94 ng
RT: 12.55 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF084815.D
Acq: 4 Feb 2016 5:32

Tgt Ion:184 Resp: 738011

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.2	18.2
183	12.0	9.8	14.8