Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084846.D
Acq On : 4 Feb 2016 23:28
Operator : SJ/IZ
Sample : H1320-19MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)MSD

Quant Time: Feb 05 01:41:45 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	6.67	152	151707	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	602382	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	248539	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	395697	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	258016	20.00	ng		0.00
86) Perylene-d12	15.22	264	323148	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1154113	118.49	ng		0.00
7) Phenol-d6	6.34	99	1496411	123.93	ng		0.00
23) Nitrobenzene-d5	7.25	82	961877	89.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	299847	115.66	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1511580	117.27	ng		-0.01
78) Terphenyl-d14	12.78	244	969640	85.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	149838	35.12	ng	#	73
3) Pyridine	2.88	79	410055	36.89	ng	#	76
4) n-Nitrosodimethylamine	2.83	42	250699	43.61	ng		83
6) Aniline	6.35	93	228232	15.45	ng	#	1
8) 2-Chlorophenol	6.46	128	483199	43.83	ng		97
9) Benzaldehyde	6.21	77	170536	23.92	ng		95
10) Phenol	6.35	94	668547	49.42	ng		88
11) bis(2-Chloroethyl)ether	6.42	93	430794	40.84	ng		86
12) 1,3-Dichlorobenzene	6.61	146	480893	41.29	ng	#	94
13) 1,4-Dichlorobenzene	6.69	146	496881	42.67	ng		95
14) 1,2-Dichlorobenzene	6.84	146	416461	38.40	ng		95
15) Benzyl Alcohol	6.83	79	350229	42.01	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	697362	39.30	ng		96
17) 2-Methylphenol	6.96	107	382303	43.85	ng	#	92
18) Hexachloroethane	7.18	117	173342	38.66	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	309037	40.83	ng	#	73
20) 3+4-Methylphenols	7.12	107	504374	46.61	ng		91
22) Acetophenone	7.09	105	639680	40.29	ng	#	99
24) Nitrobenzene	7.26	77	431265	37.66	ng		95
25) Isophorone	7.52	82	843393	40.56	ng	#	94
26) 2-Nitrophenol	7.58	139	247970	43.91	ng	#	87
27) 2,4-Dimethylphenol	7.64	122	415071	42.25	ng		88
28) bis(2-Chloroethoxy)methane	7.72	93	513248	41.61	ng		98
29) 2,4-Dichlorophenol	7.84	162	369588	43.97	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	371438	39.13	ng		97
31) Naphthalene	7.98	128	1512469	50.06	ng		99
32) Benzoic acid	7.64	122	415071	66.06	ng	#	13
33) 4-Chloroaniline	8.05	127	121349	9.71	ng		94
34) Hexachlorobutadiene	8.11	225	224342	40.98	ng		97
35) Caprolactam	8.42	113	111400	43.00	ng	#	64
36) 4-Chloro-3-methylphenol	8.54	107	394259	41.12	ng		93
37) 2-Methylnaphthalene	8.68	142	920335	48.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	342966	43.45	ng		99
40) Hexachlorocyclopentadiene	8.83	237	67238	27.11	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084846.D
Acq On : 4 Feb 2016 23:28
Operator : SJ/IZ
Sample : H1320-19MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B019(11-13)MSD

Quant Time: Feb 05 01:41:45 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	8.97	196	227183	44.68	ng		91
43) 2,4,5-Trichlorophenol	9.01	196	224872	43.52	ng		93
45) 1,1'-Biphenyl	9.14	154	907742	40.89	ng		98
46) 2-Chloronaphthalene	9.16	162	682148	41.73	ng		95
47) 2-Nitroaniline	9.26	65	216779	41.88	ng		97
48) Acenaphthylene	9.57	152	1223563	49.32	ng		98
49) Dimethylphthalate	9.45	163	1013154	53.52	ng	#	89
50) 2,6-Dinitrotoluene	9.52	165	190335	46.03	ng		96
51) Acenaphthene	9.74	154	820766	50.85	ng		97
52) 3-Nitroaniline	9.68	138	134964	29.04	ng		93
53) 2,4-Dinitrophenol	9.79	184	4850	8.16	ng	#	51
54) Dibenzofuran	9.92	168	1083511	54.93	ng		90
55) 4-Nitrophenol	9.86	139	218237	63.90	ng	#	84
56) 2,4-Dinitrotoluene	9.92	165	219950	41.70	ng	#	75
57) Fluorene	10.26	166	839816	50.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	169025	42.97	ng		91
59) Diethylphthalate	10.14	149	757357	40.97	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	340849	50.07	ng		97
61) 4-Nitroaniline	10.29	138	179058	39.54	ng	#	78
62) Azobenzene	10.42	77	826519	46.50	ng		88
64) 4,6-Dinitro-2-methylphenol	10.33	198	33609	13.76	ng		85
65) n-Nitrosodiphenylamine	10.37	169	642616	51.14	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	199746	45.70	ng		94
67) Hexachlorobenzene	10.81	284	198407	41.66	ng	#	88
68) Atrazine	10.91	200	173664	43.77	ng		100
69) Pentachlorophenol	11.01	266	137767	61.56	ng		99
70) Phenanthrene	11.23	178	3566470	162.50	ng		93
71) Anthracene	11.28	178	1728842	78.18	ng		98
72) Carbazole	11.44	167	1066031	55.28	ng		97
73) Di-n-butylphthalate	11.77	149	992577	40.43	ng	#	95
74) Fluoranthene	12.42	202	3851408	173.39	ng		96
76) Benzidine	12.53	184	213483	24.23	ng		98
77) Pyrene	12.65	202	3918189	198.34	ng		94
79) Butylbenzylphthalate	13.27	149	408276	45.56	ng		98
80) Benzo(a)anthracene	13.83	228	2447638	152.84	ng		93
81) 3,3'-Dichlorobenzidine	13.79	252	120085	21.18	ng	#	93
82) Chrysene	13.87	228	1885109	121.39	ng		94
83) Bis(2-ethylhexyl)phthalate	13.83	149	460660	41.31	ng		99
84) Di-n-octyl phthalate	14.44	149	904327	49.15	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.53	276	1711013	139.98	ng		96
87) Benzo(b)fluoranthene	14.85	252	4050760	186.57	ng	#	95
88) Benzo(k)fluoranthene	14.85	252	4050760	225.64	ng		98
89) Benzo(a)pyrene	15.17	252	2176737	117.66	ng	#	92
90) Dibenzo(a,h)anthracene	16.53	278	912914	58.62	ng		94
91) Benzo(g,h,i)perylene	16.92	276	1583686	100.95	ng		97

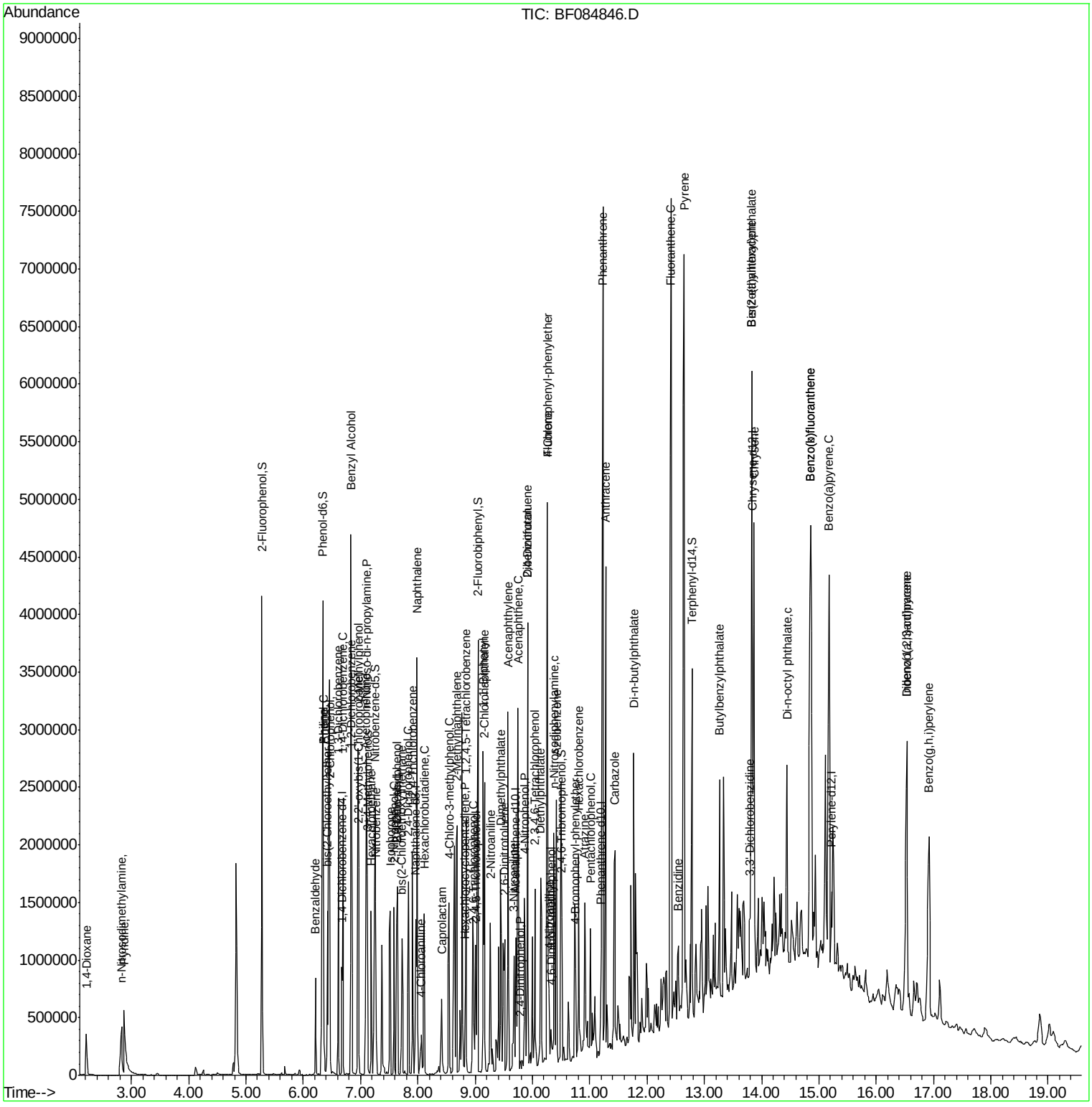
(#) = qualifier out of range (m) = manual integration (+) = signals summed

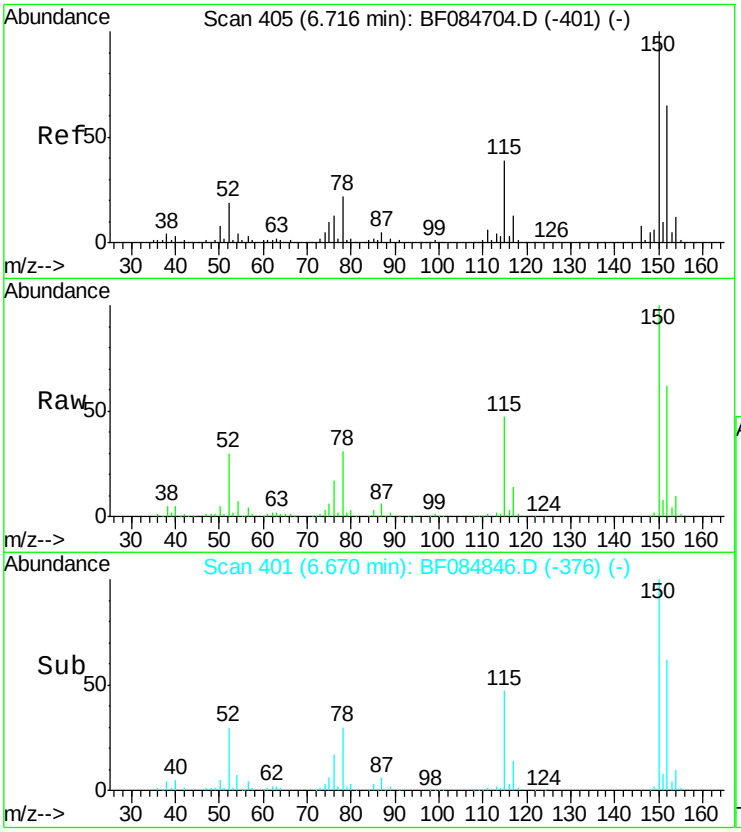
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084846.D
Acq On : 4 Feb 2016 23:28
Operator : SJ/IZ
Sample : H1320-19MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Quant Time: Feb 05 01:41:45 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



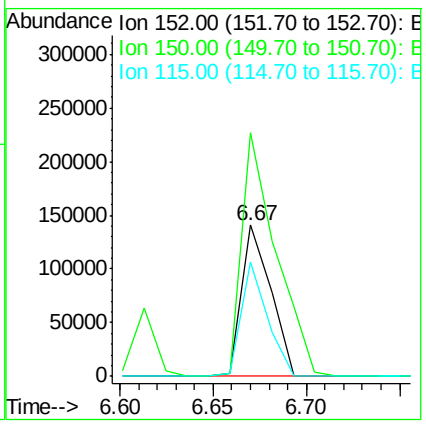


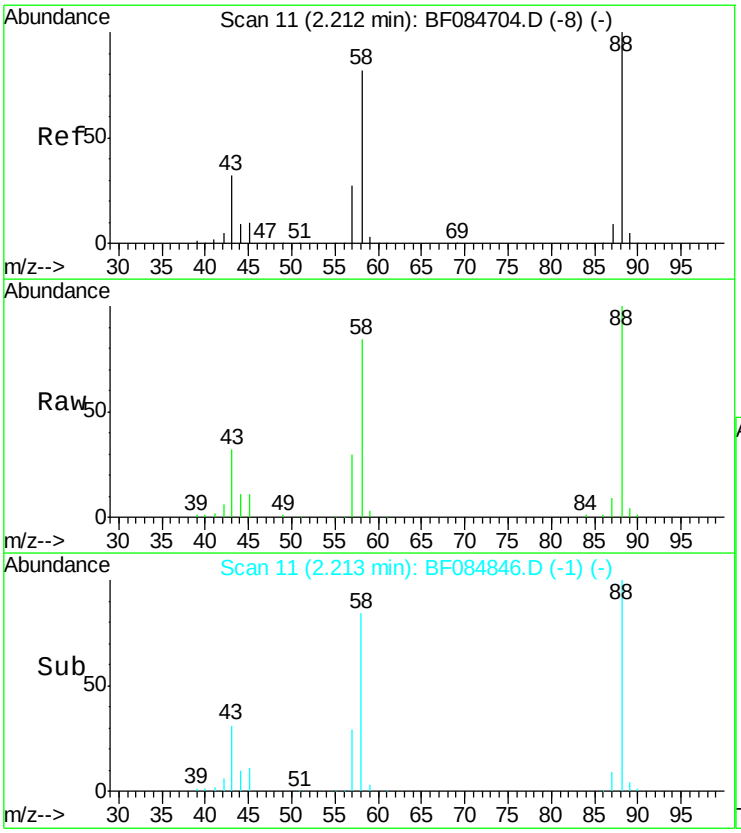
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:152 Resp: 151707

Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.0	184.4
115	75.7	51.4	77.2

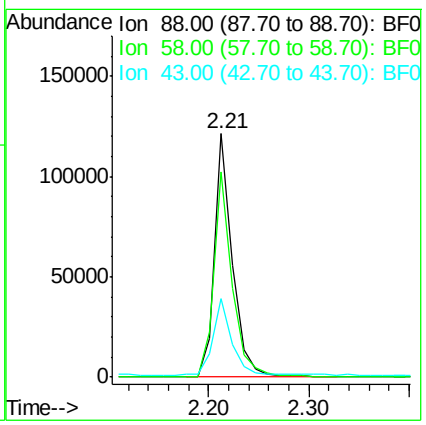


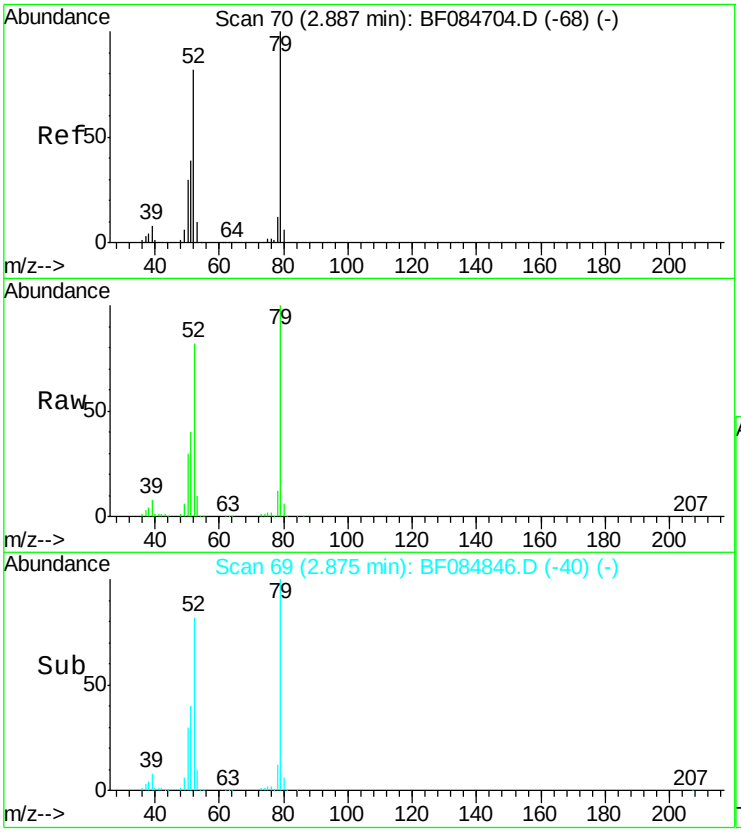


#2
1,4-Dioxane
Concen: 35.12 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.03 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 88 Resp: 149838

Ion	Ratio	Lower	Upper
88	100		
58	87.0	51.2	76.8#
43	34.2	19.5	29.3#



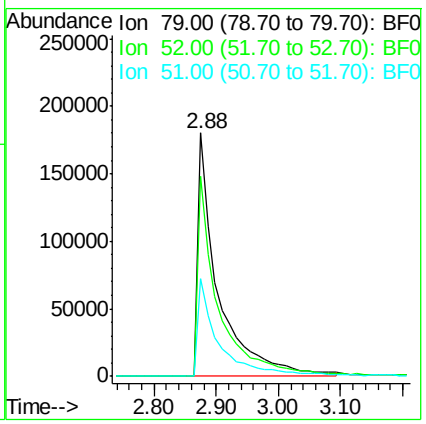


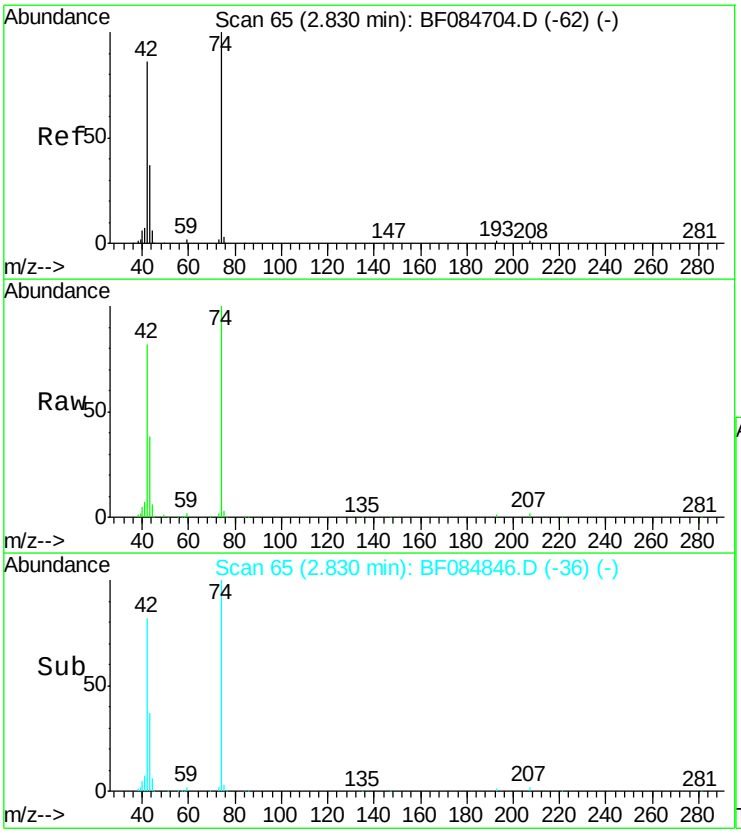
#3
Pyridine
Concen: 36.89 ng
RT: 2.88 min Scan# 69
Delta R.T. 0.03 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 79 Resp: 410055

Ion	Ratio	Lower	Upper
79	100		
52	82.4	49.0	73.4#
51	40.0	25.2	37.8#

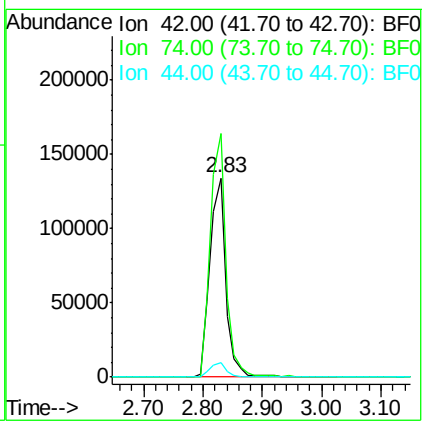


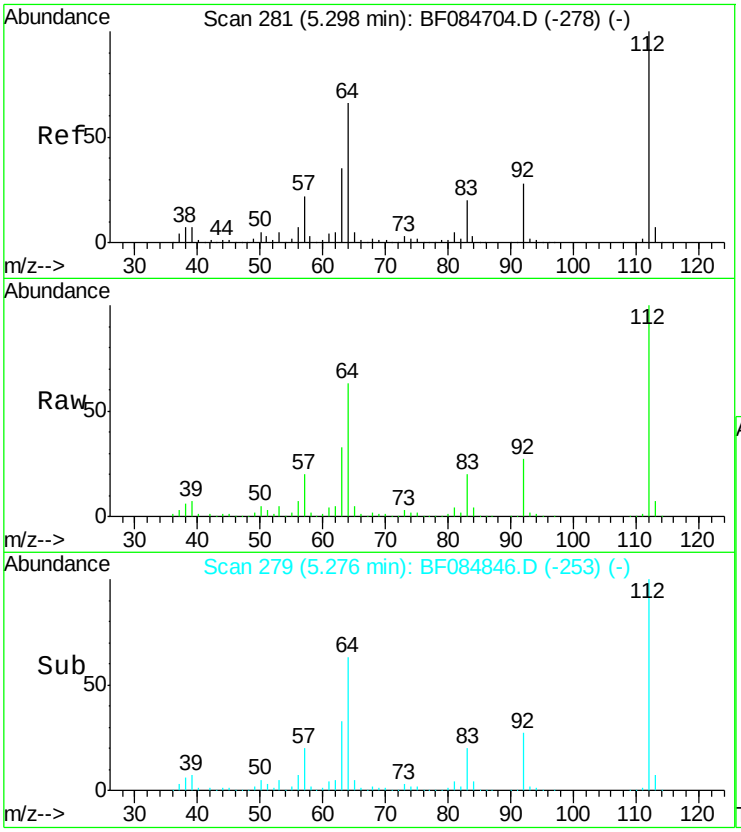


#4
n-Nitrosodimethylamine
Concen: 43.61 ng
RT: 2.83 min Scan# 65
Delta R.T. 0.03 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 42 Resp: 250699

Ion	Ratio	Lower	Upper
42	100		
74	122.2	115.7	173.5
44	7.5	5.1	7.7



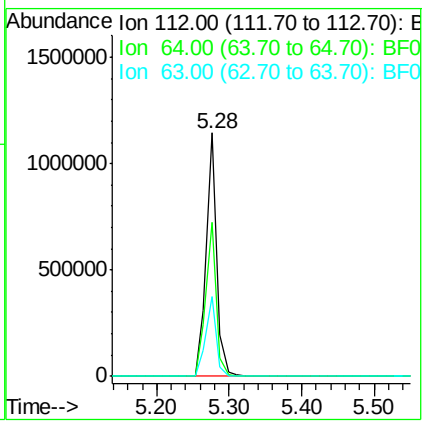


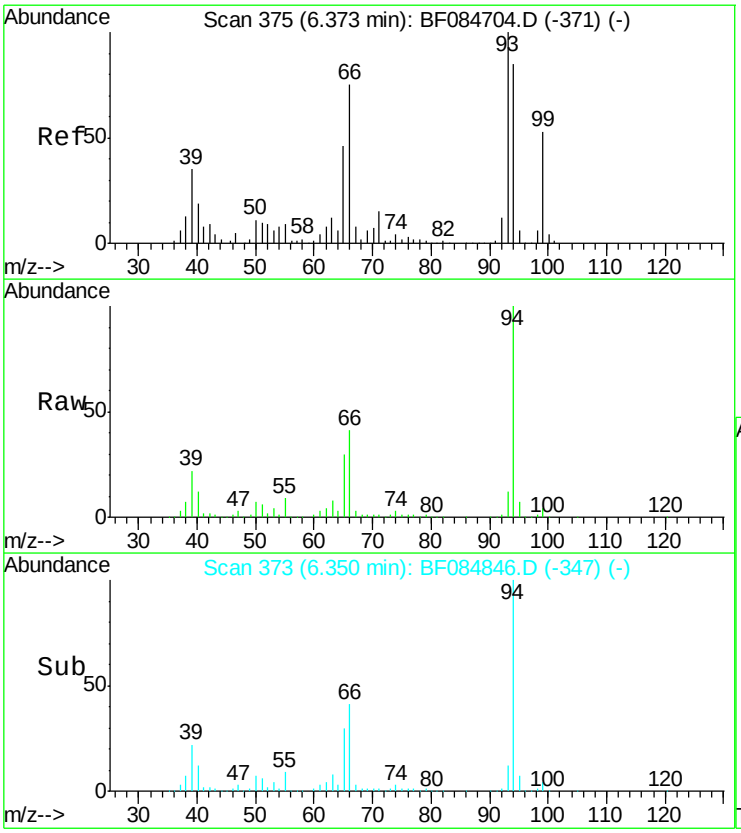
#5
2-Fluorophenol
Concen: 118.49 ng
RT: 5.28 min Scan# 279
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:112 Resp: 1154113

Ion	Ratio	Lower	Upper
112	100		
64	63.2	36.6	55.0#
63	33.0	19.4	29.0#

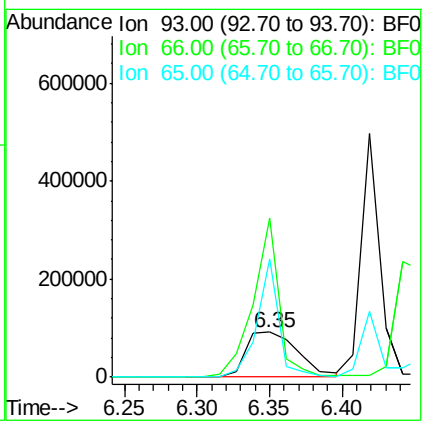


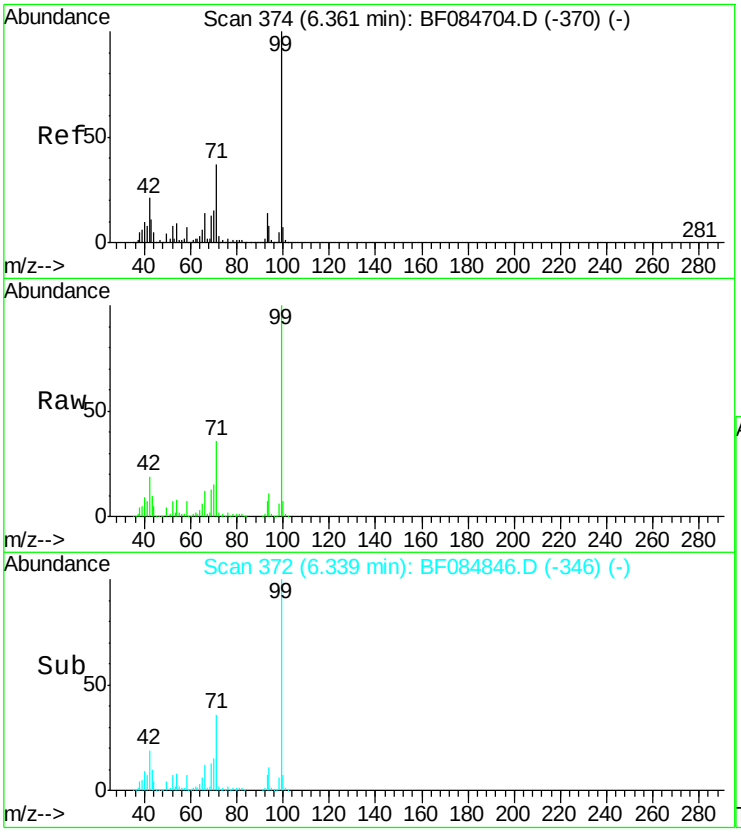


#6
Aniline
Concen: 15.45 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 93 Resp: 228232

Ion	Ratio	Lower	Upper
93	100		
66	356.1	44.9	67.3#
65	263.6	23.7	35.5#



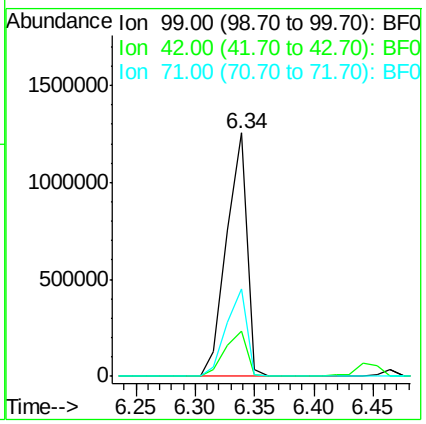


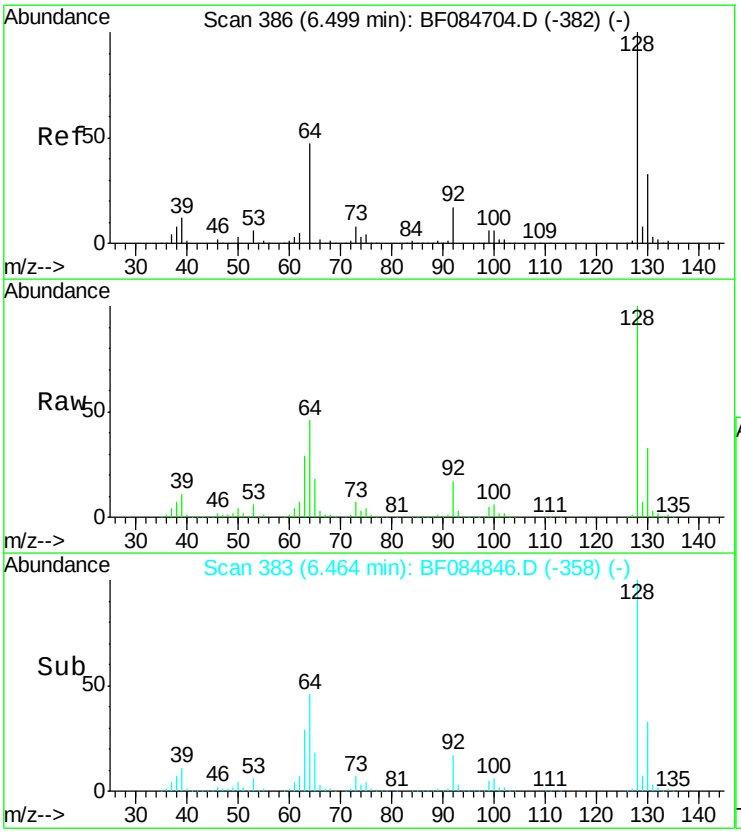
#7
Phenol-d6
Concen: 123.93 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 99 Resp: 1496411

Ion	Ratio	Lower	Upper
99	100		
42	18.5	12.8	19.2
71	35.8	30.9	46.3

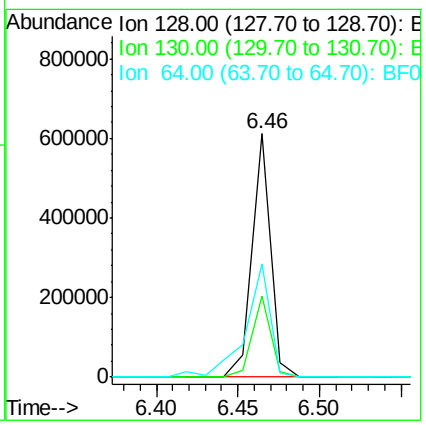


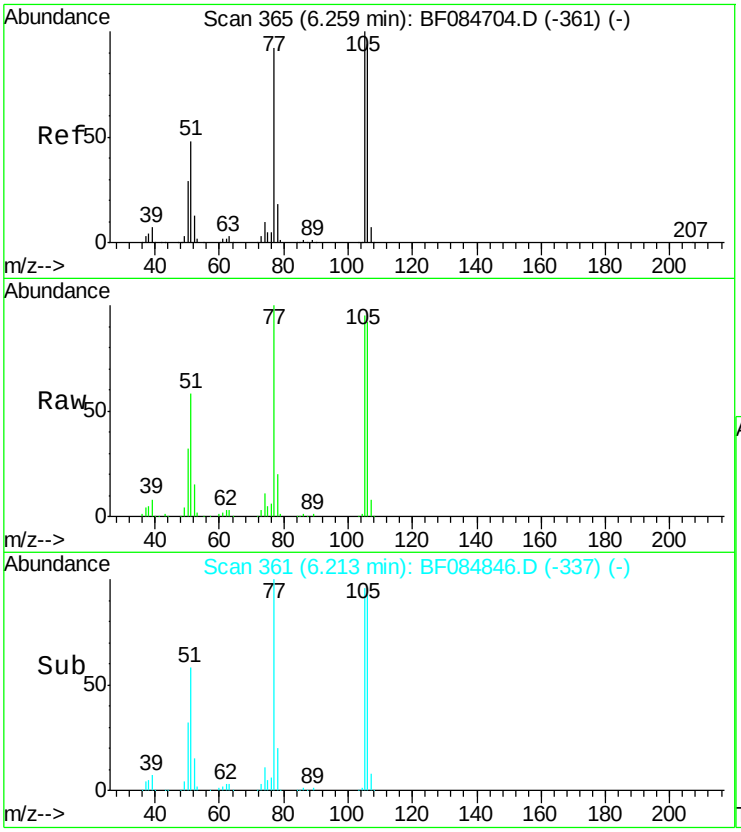


#8
2-Chlorophenol
Concen: 43.83 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:128 Resp: 483199

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.6	51.6
64	46.3	23.8	63.8



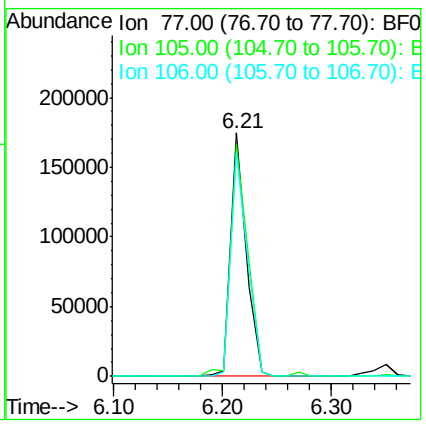


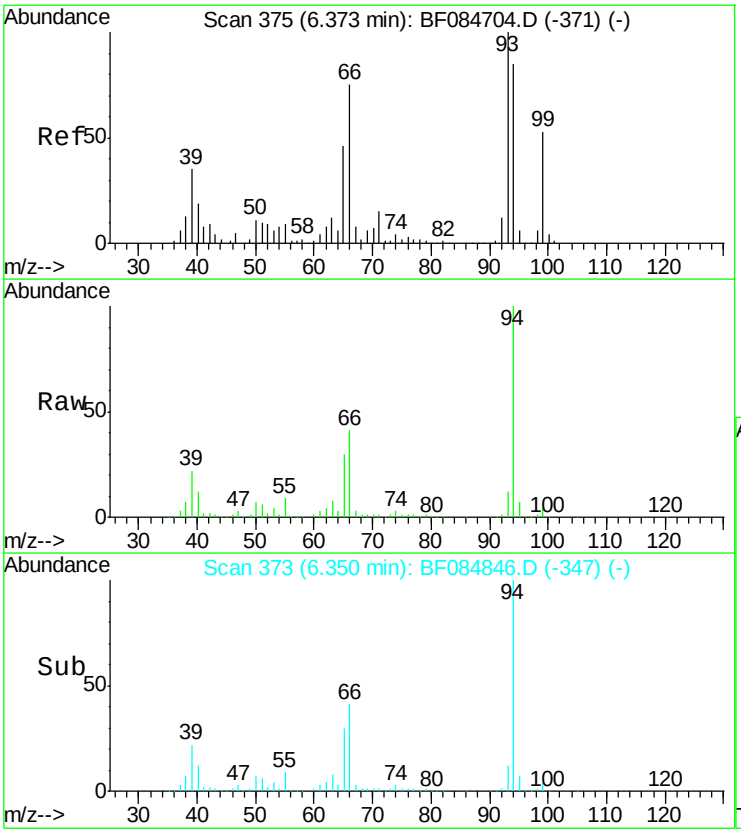
#9
Benzaldehyde
Concen: 23.92 ng
RT: 6.21 min Scan# 361
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 77 Resp: 170536

Ion	Ratio	Lower	Upper
77	100		
105	95.1	83.0	123.0
106	91.8	74.6	114.6

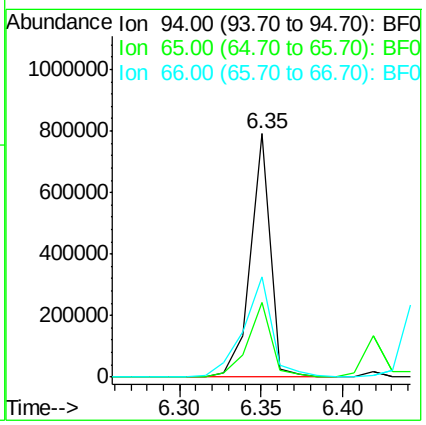


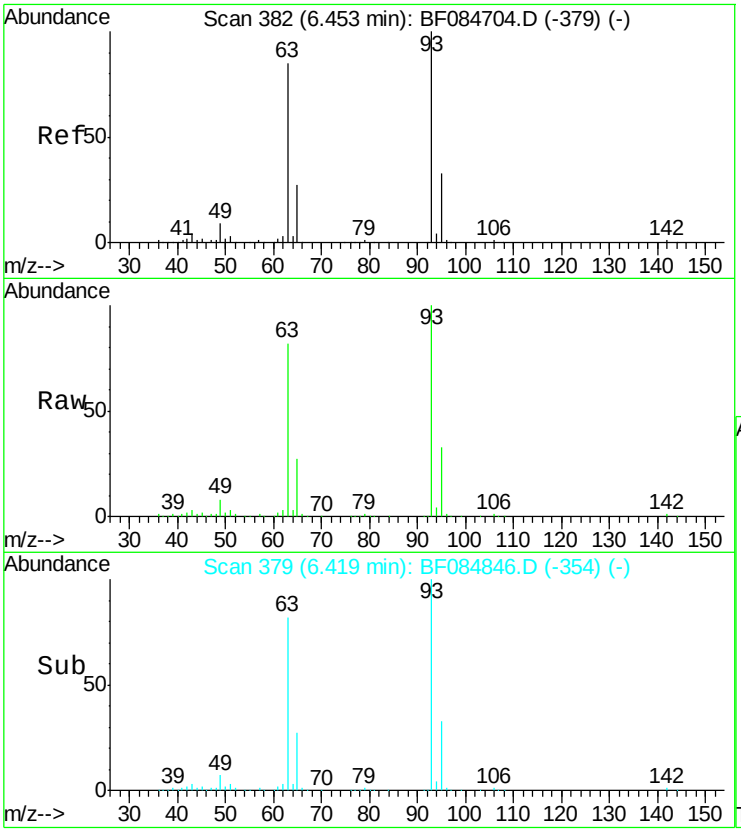


#10
Phenol
Concen: 49.42 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 94 Resp: 668547

Ion	Ratio	Lower	Upper
94	100		
65	30.5	12.9	52.9
66	41.1	32.7	72.7



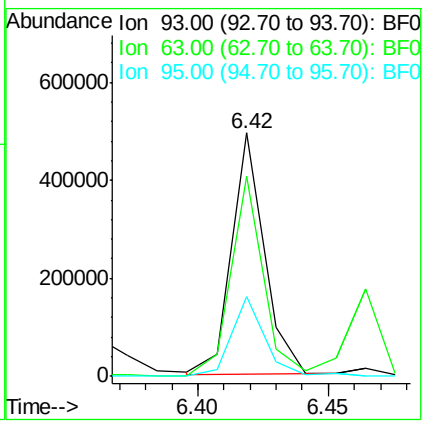


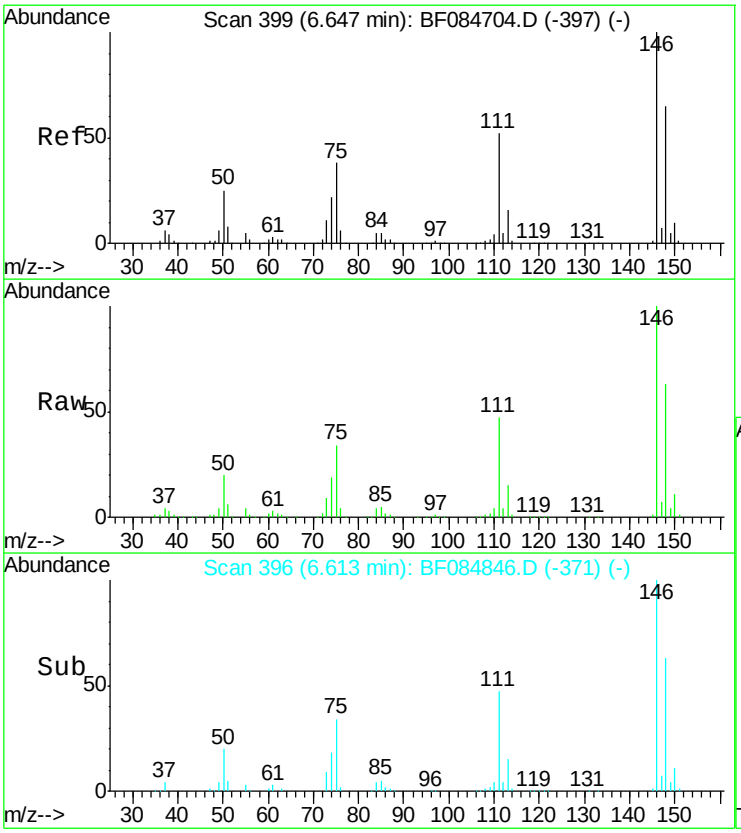
#11
bis(2-Chloroethyl)ether
Concen: 40.84 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 93 Resp: 430794

Ion	Ratio	Lower	Upper
93	100		
63	82.3	45.9	85.9
95	32.9	12.3	52.3

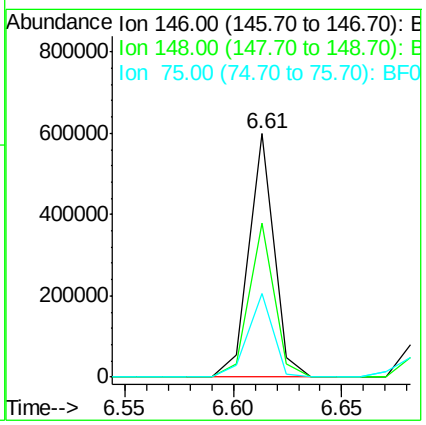


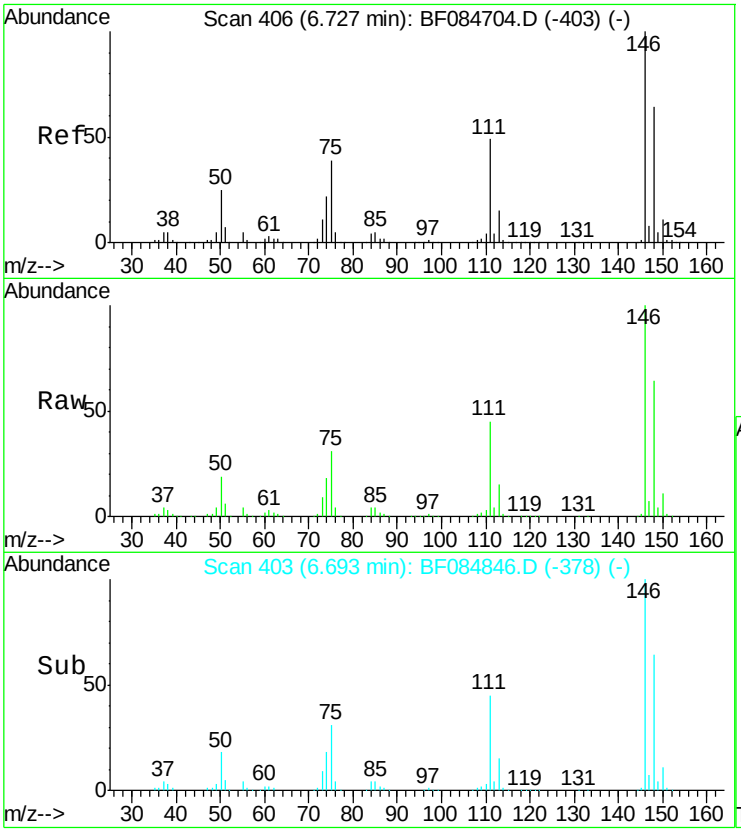


#12
1,3-Dichlorobenzene
Concen: 41.29 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:146 Resp: 480893

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
75	34.4	20.5	30.7#



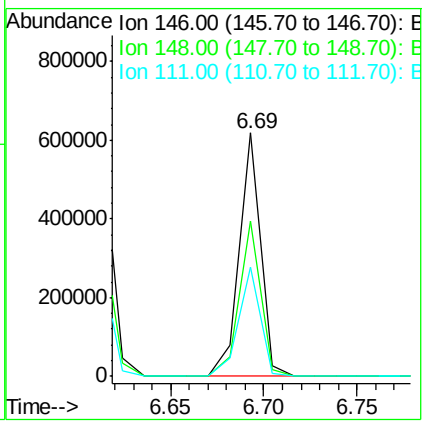


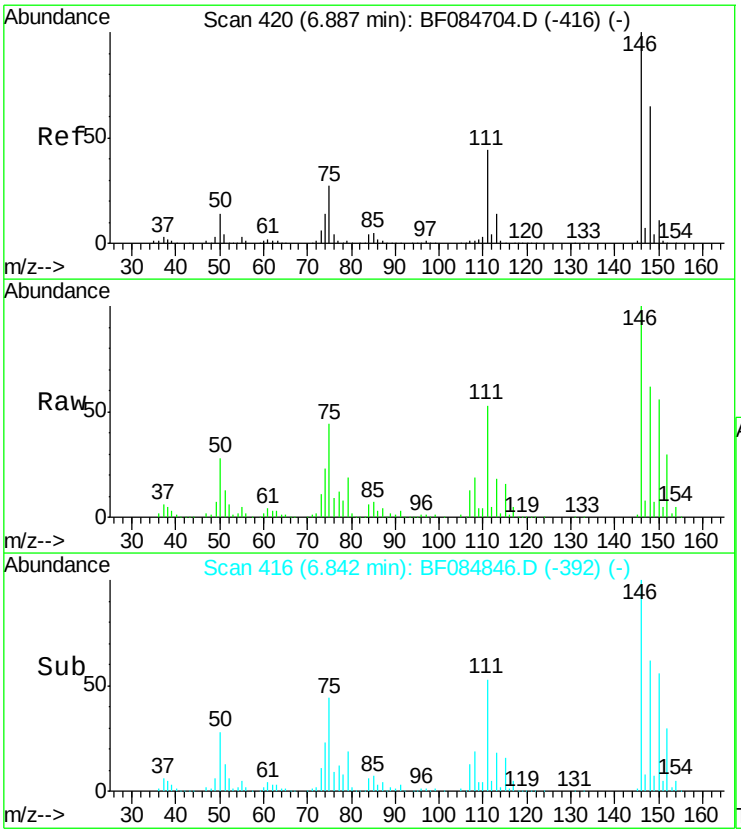
#13
1,4-Dichlorobenzene
Concen: 42.67 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:146 Resp: 496881

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	44.9	41.6	62.4

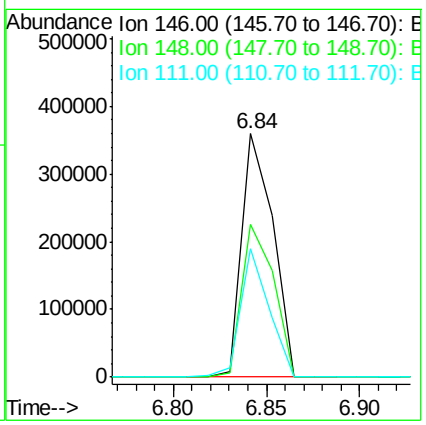


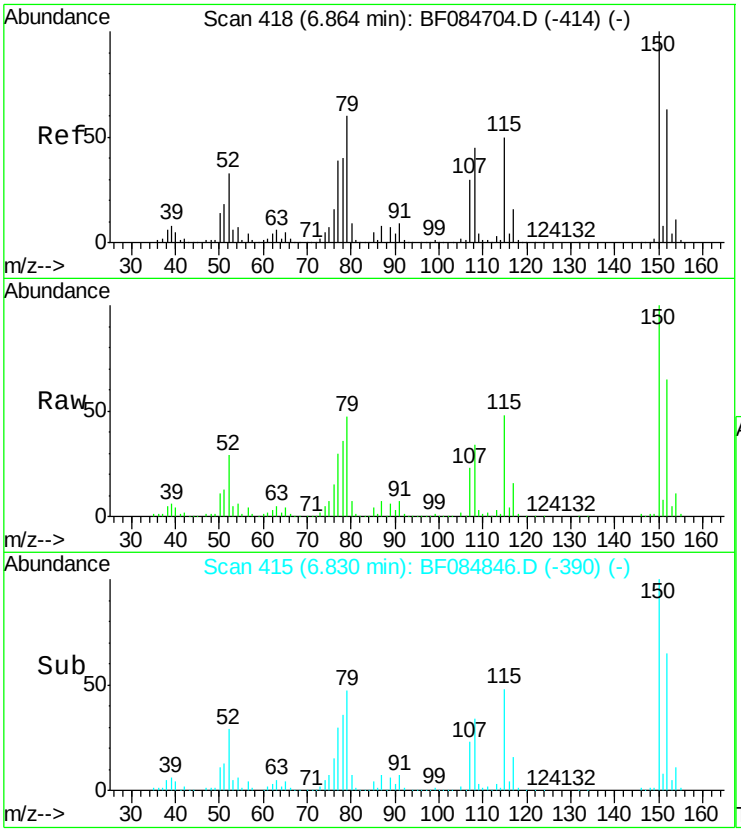


#14
1,2-Dichlorobenzene
Concen: 38.40 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:146 Resp: 416461

Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.6	77.4
111	52.6	38.0	57.0



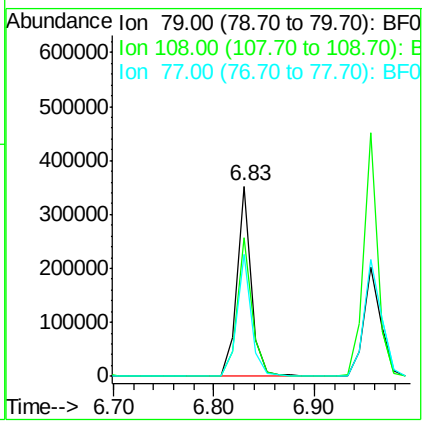


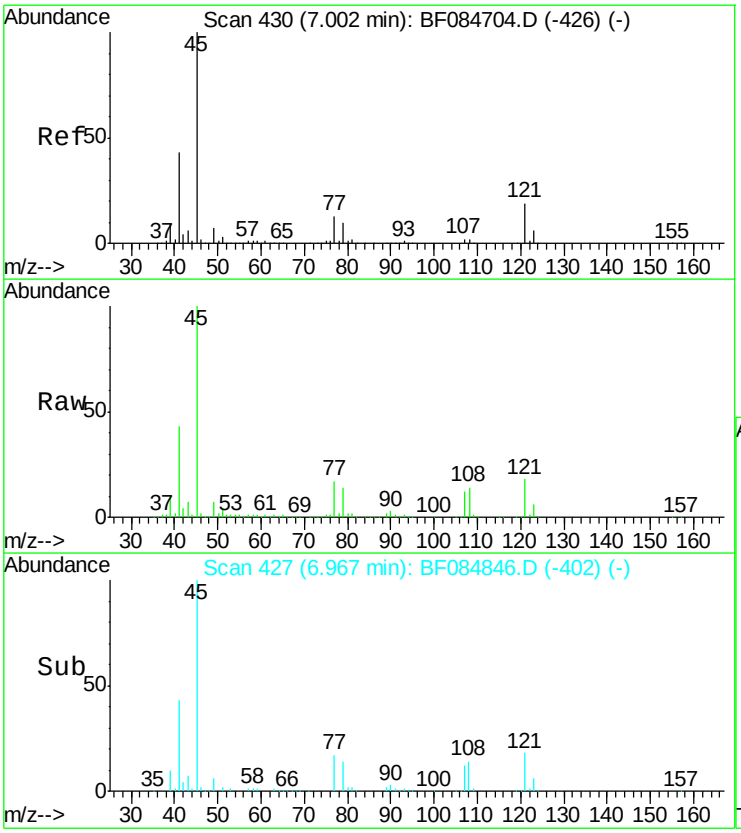
#15
Benzyl Alcohol
Concen: 42.01 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 79 Resp: 350229

Ion	Ratio	Lower	Upper
79	100		
108	73.2	69.0	103.4
77	64.1	50.0	75.0

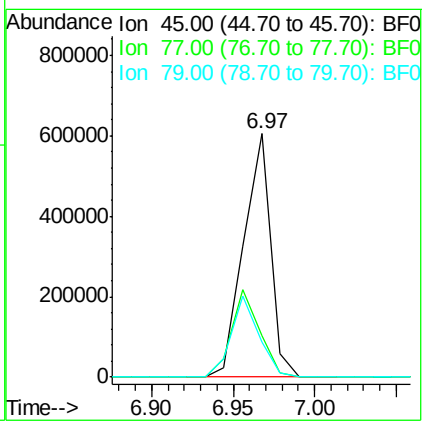


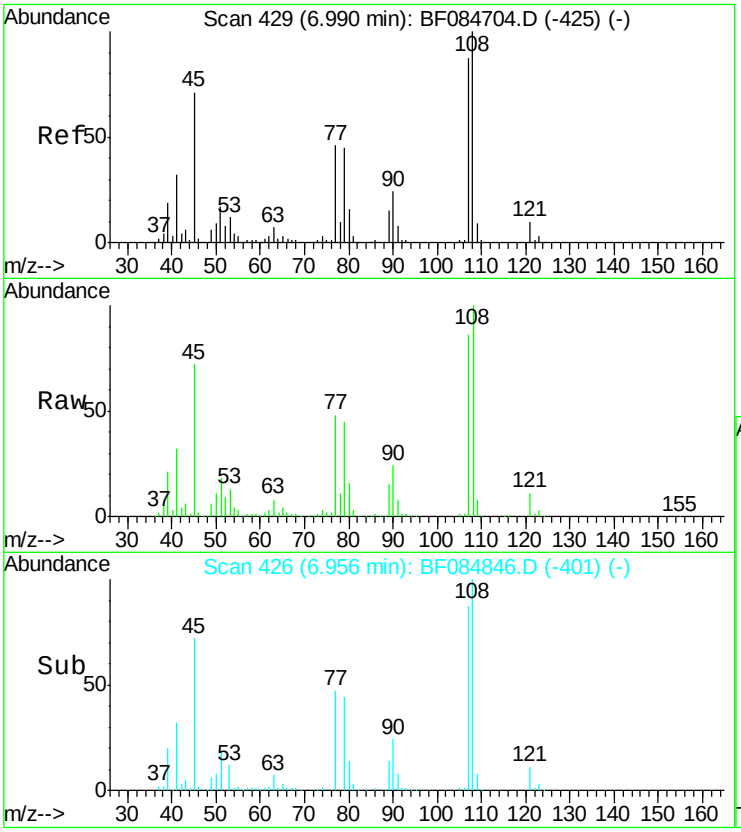


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.30 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 45 Resp: 697362

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	39.6
79	14.4	0.0	35.0



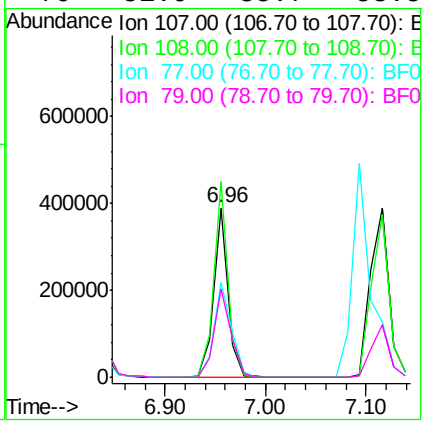


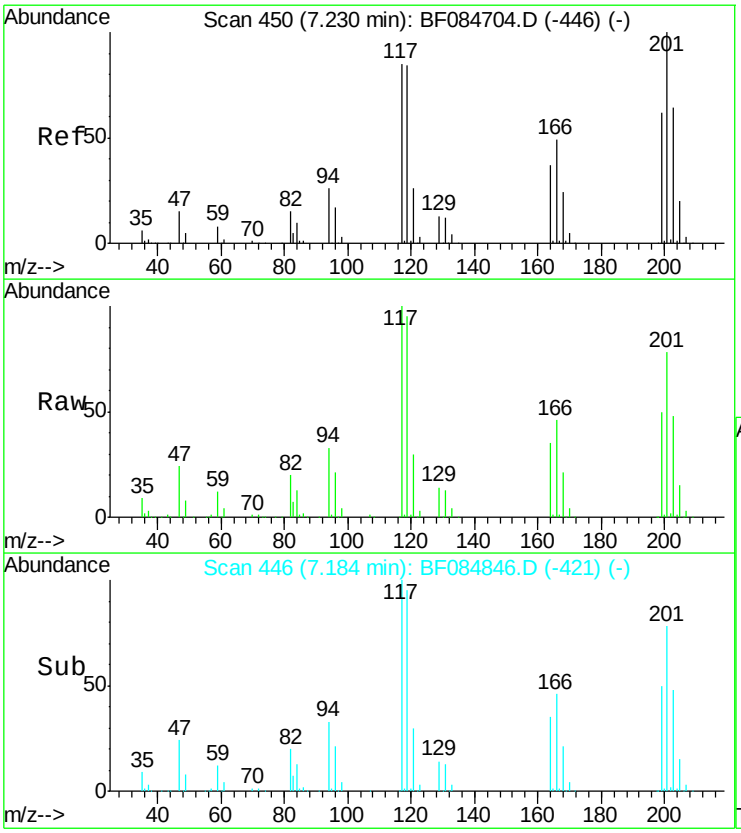
#17
2-Methylphenol
Concen: 43.85 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:107 Resp: 382303

Ion	Ratio	Lower	Upper
107	100		
108	115.7	89.8	134.6
77	55.7	35.7	53.5#
79	51.9	35.7	53.5

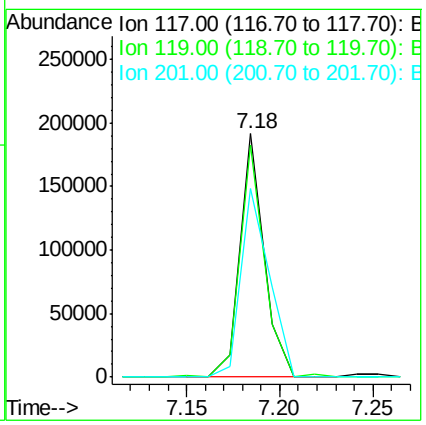


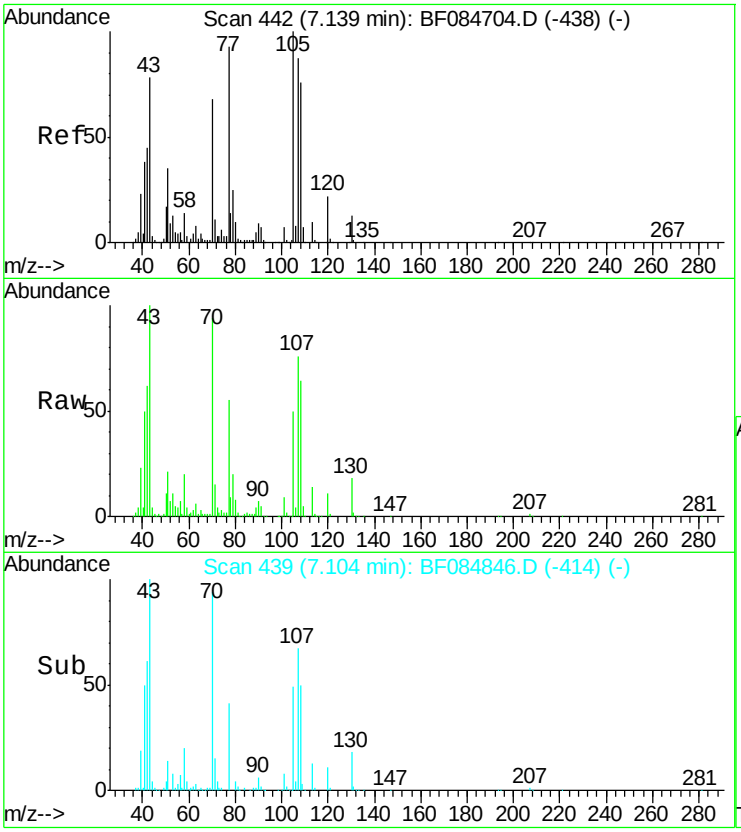


#18
Hexachloroethane
Concen: 38.66 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:117 Resp: 173342

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	77.5	68.6	103.0



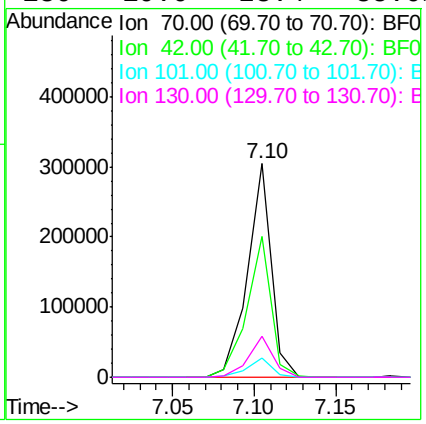


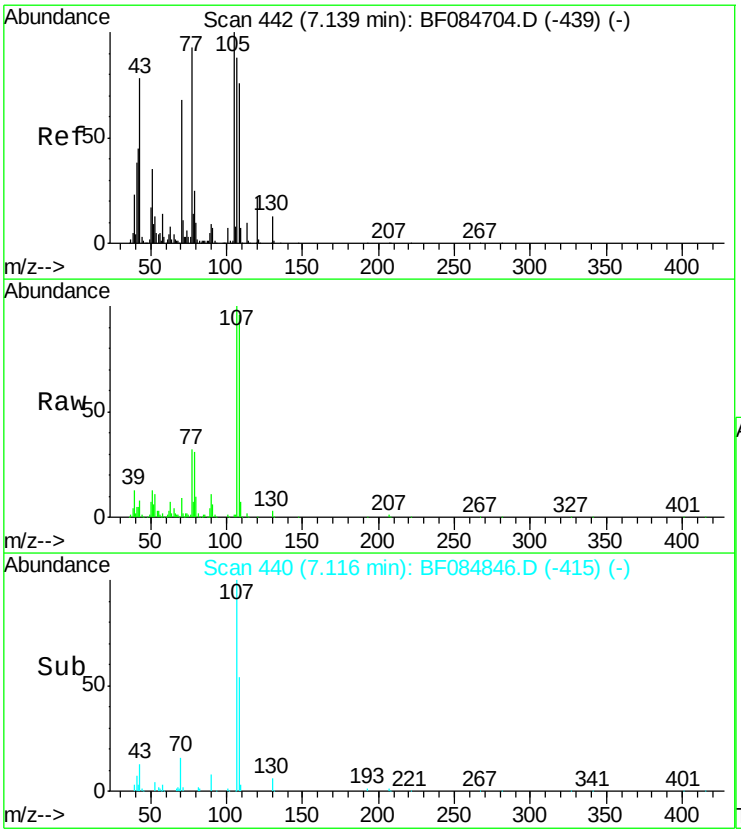
#19
n-Nitroso-di-n-propylamine
Concen: 40.83 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 70 Resp: 309037

Ion	Ratio	Lower	Upper
70	100		
42	66.0	33.3	49.9#
101	9.1	9.3	13.9#
130	19.0	23.4	35.0#

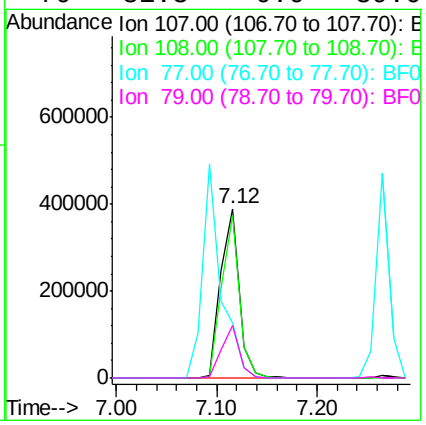


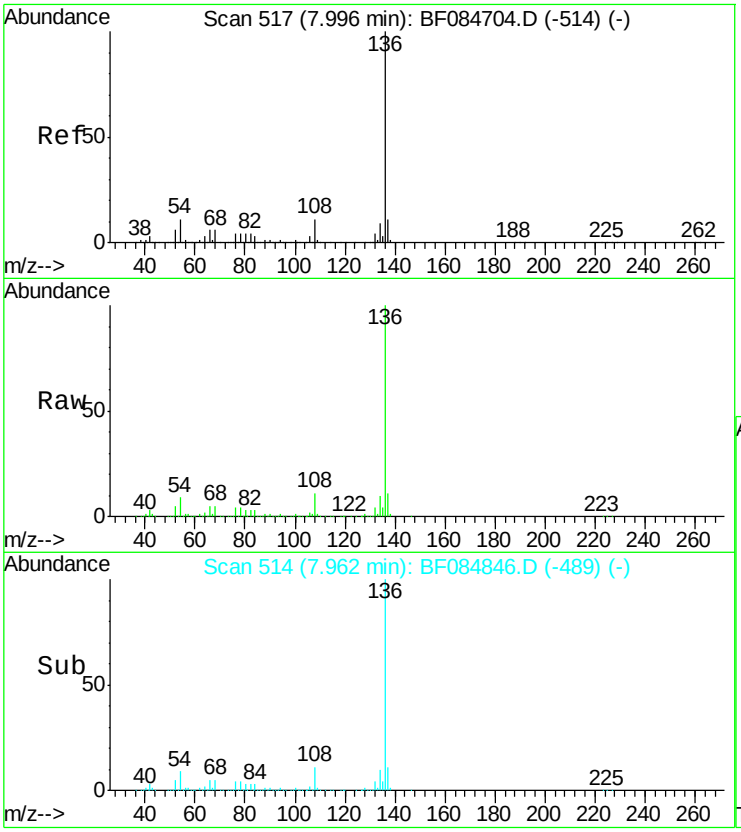


#20
3+4-Methylphenols
Concen: 46.61 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:107 Resp: 504374

Ion	Ratio	Lower	Upper
107	100		
108	96.2	74.6	114.6
77	32.5	0.7	40.7
79	31.3	0.0	39.0



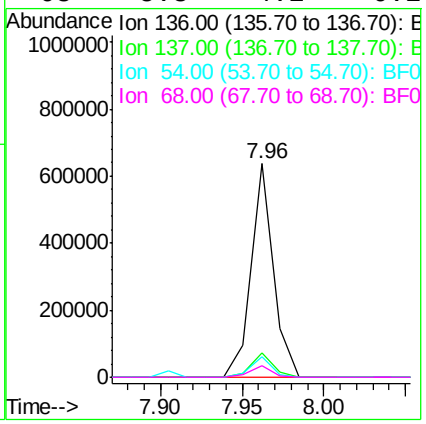


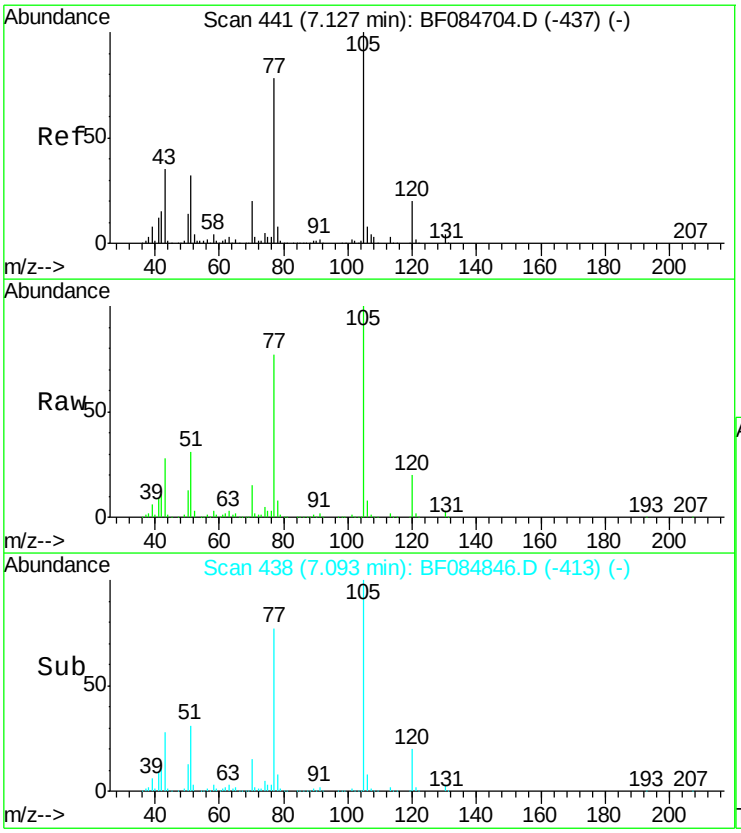
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:136 Resp: 602382

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.4	5.8	8.8#
68	5.3	4.2	6.2

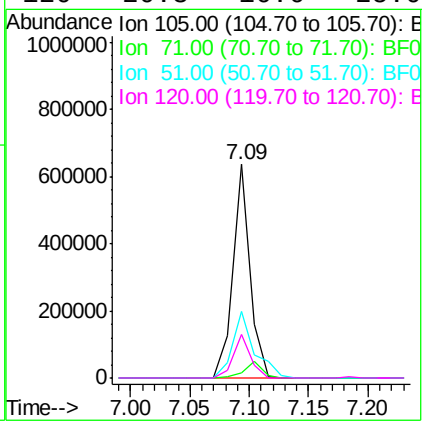


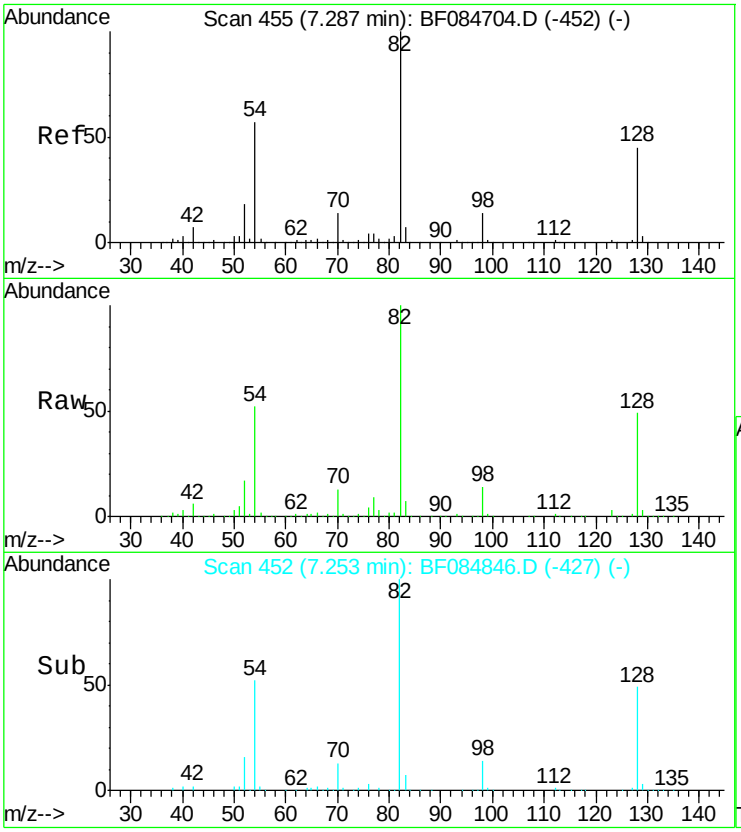


#22
Acetophenone
Concen: 40.29 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:105 Resp: 639680

Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.7	5.5#
51	31.2	25.1	37.7
120	20.3	16.6	25.0



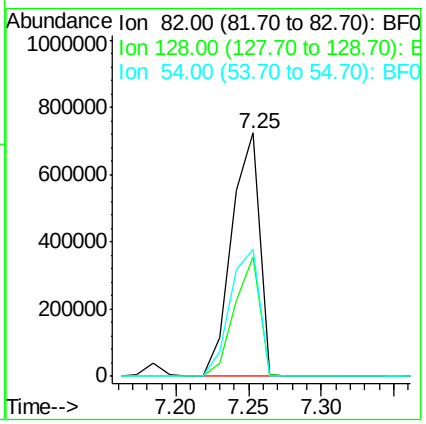


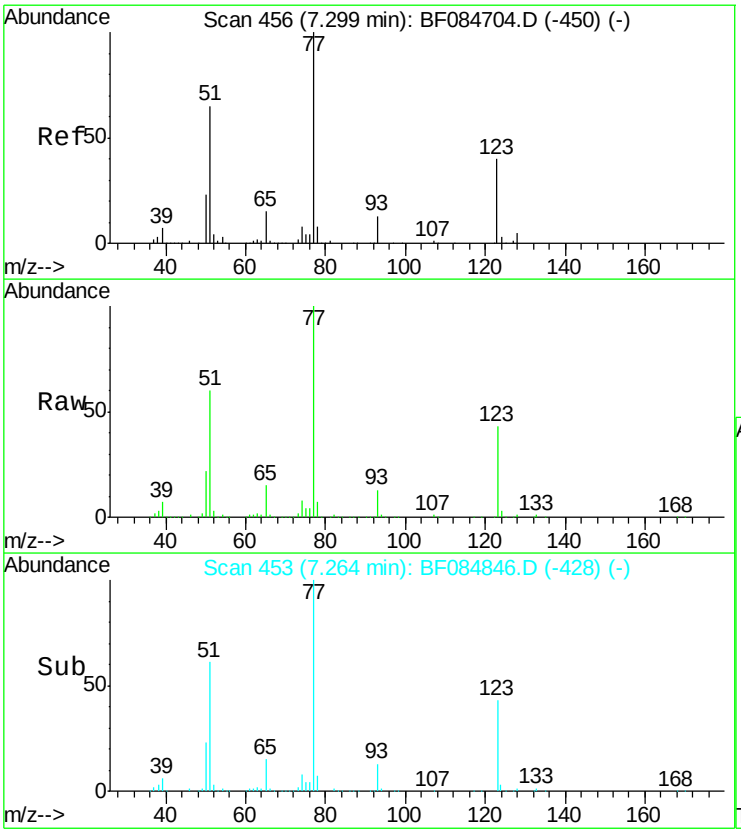
#23
Nitrobenzene-d5
Concen: 89.95 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 82 Resp: 961877

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.6	51.8
54	52.1	38.4	57.6

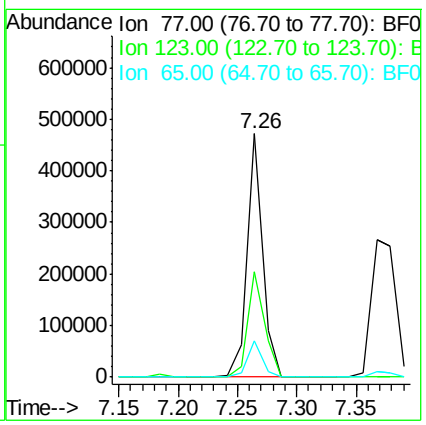


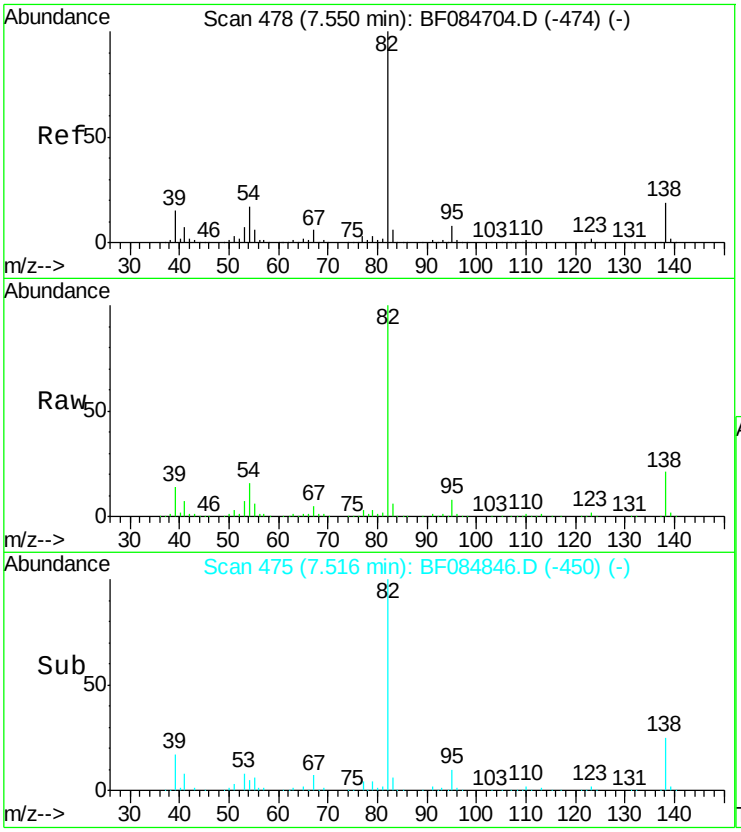


#24
Nitrobenzene
Concen: 37.66 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 77 Resp: 431265

Ion	Ratio	Lower	Upper
77	100		
123	43.3	37.4	56.2
65	14.7	10.9	16.3



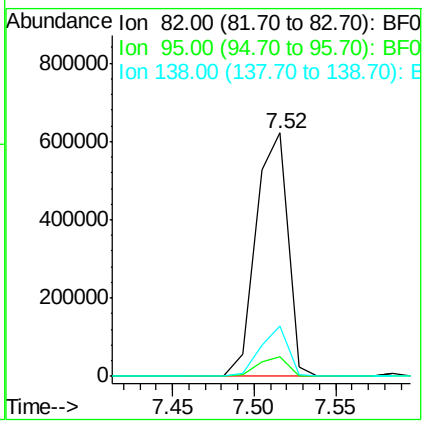


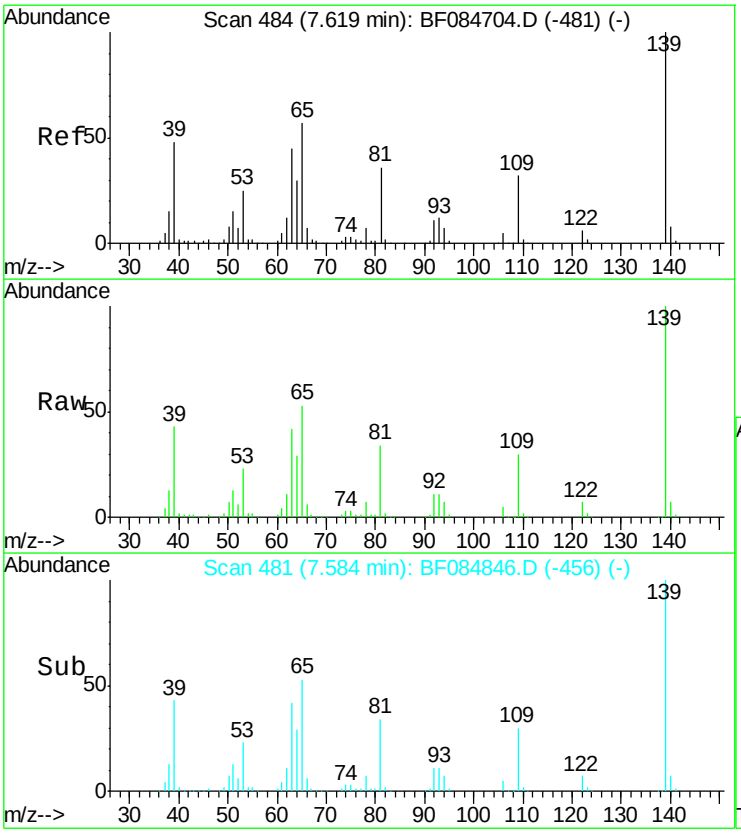
#25
Isophorone
Concen: 40.56 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 82 Resp: 843393

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.6	10.0
138	20.5	13.6	20.4#

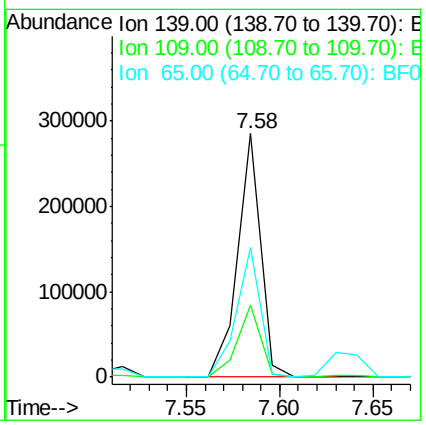


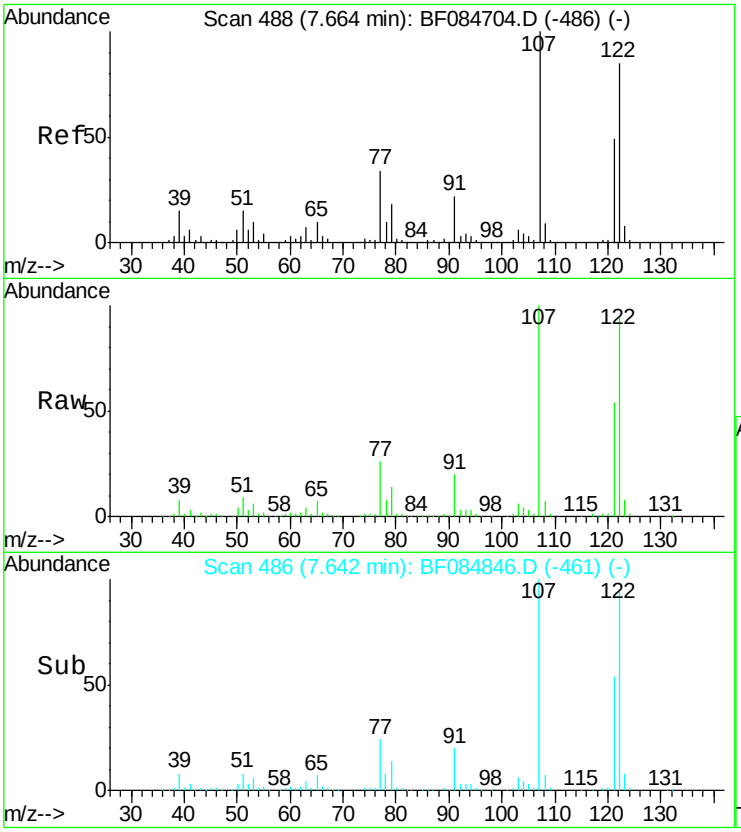


#26
2-Nitrophenol
Concen: 43.91 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:139 Resp: 247970

Ion	Ratio	Lower	Upper
139	100		
109	29.6	25.4	38.2
65	53.1	32.3	48.5#



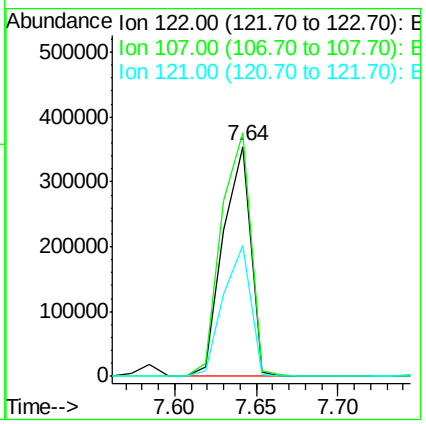


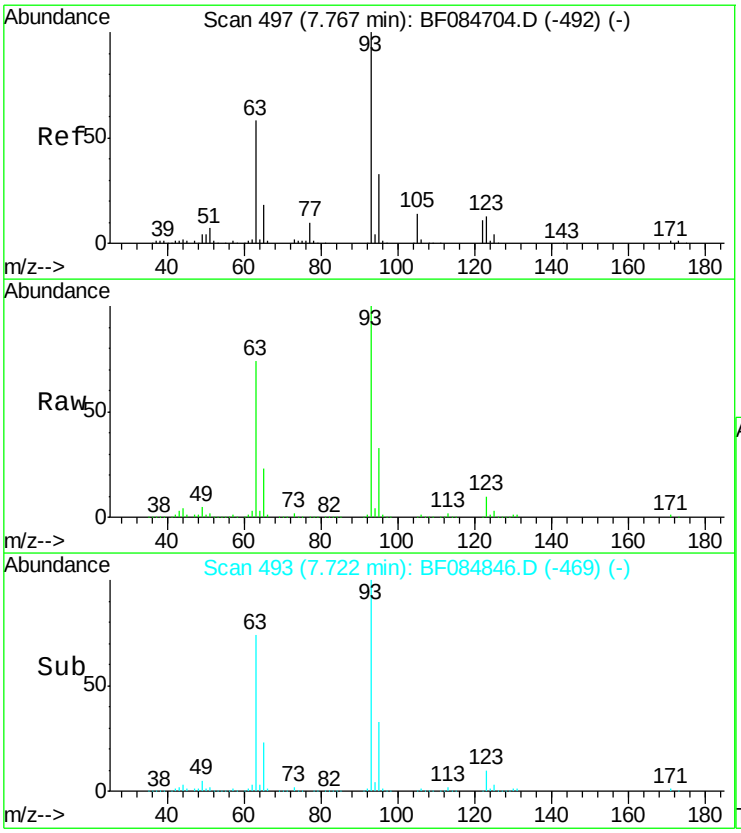
#27
2,4-Dimethylphenol
Concen: 42.25 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:122 Resp: 415071

Ion	Ratio	Lower	Upper
122	100		
107	106.0	99.1	148.7
121	56.8	47.9	71.9

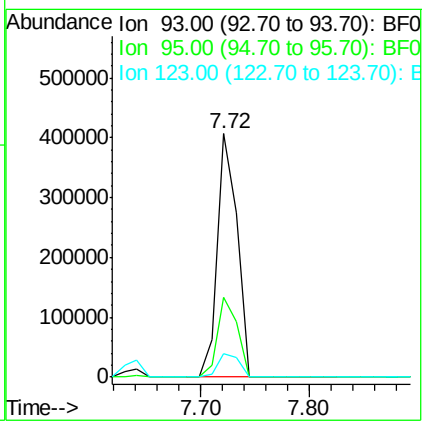


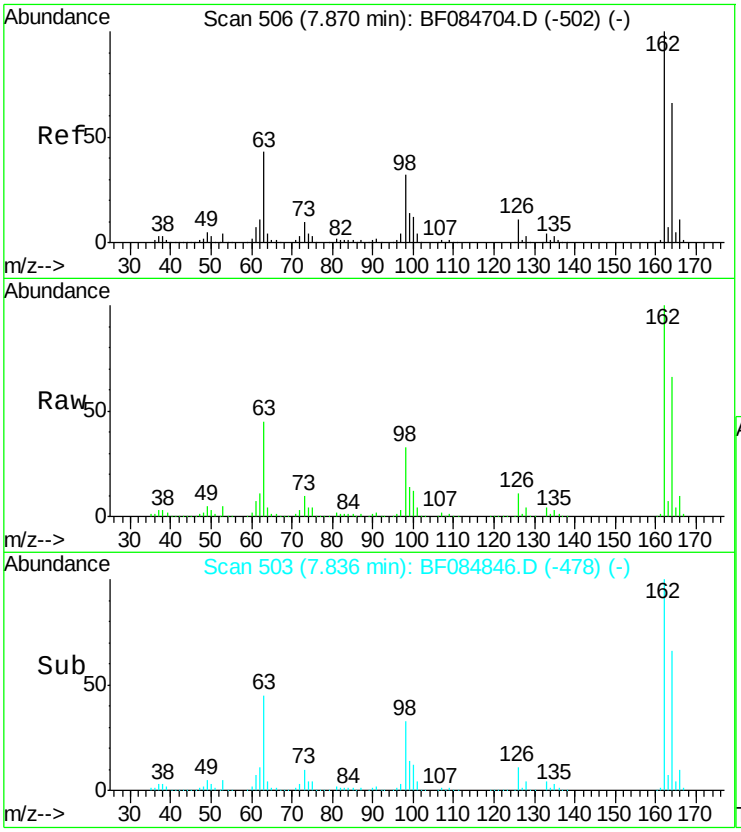


#28
bis(2-Chloroethoxy)methane
Concen: 41.61 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 93 Resp: 513248

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	9.5	8.6	12.8



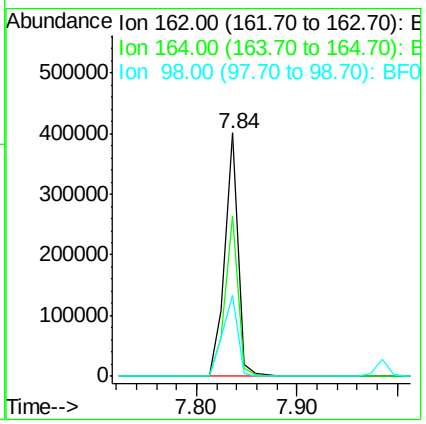


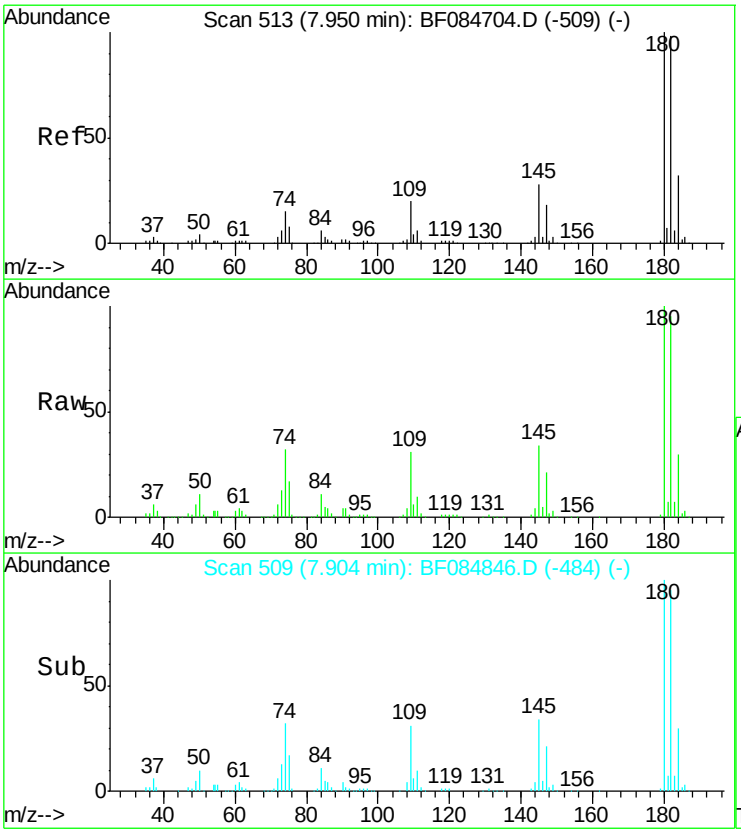
#29
2,4-Dichlorophenol
Concen: 43.97 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:162 Resp: 369588

Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.1	84.1
98	33.4	20.2	60.2

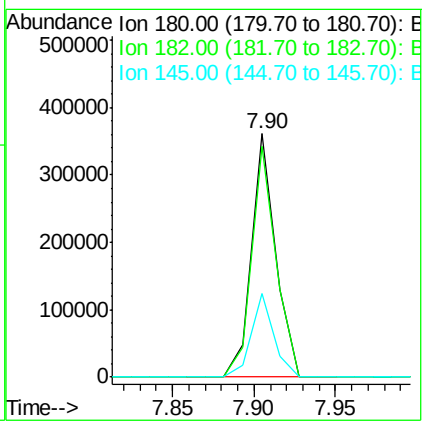


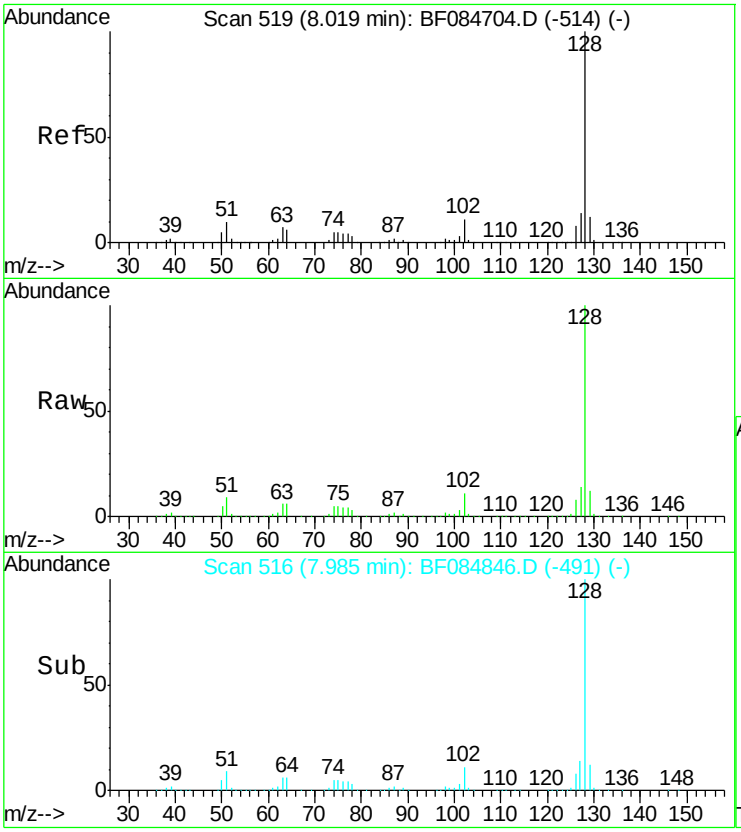


#30
1,2,4-Trichlorobenzene
Concen: 39.13 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:180 Resp: 371438

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	34.1	31.6	47.4



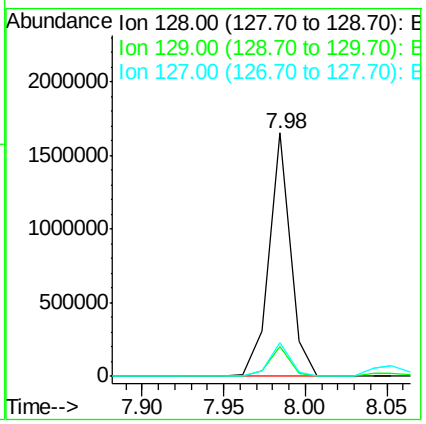


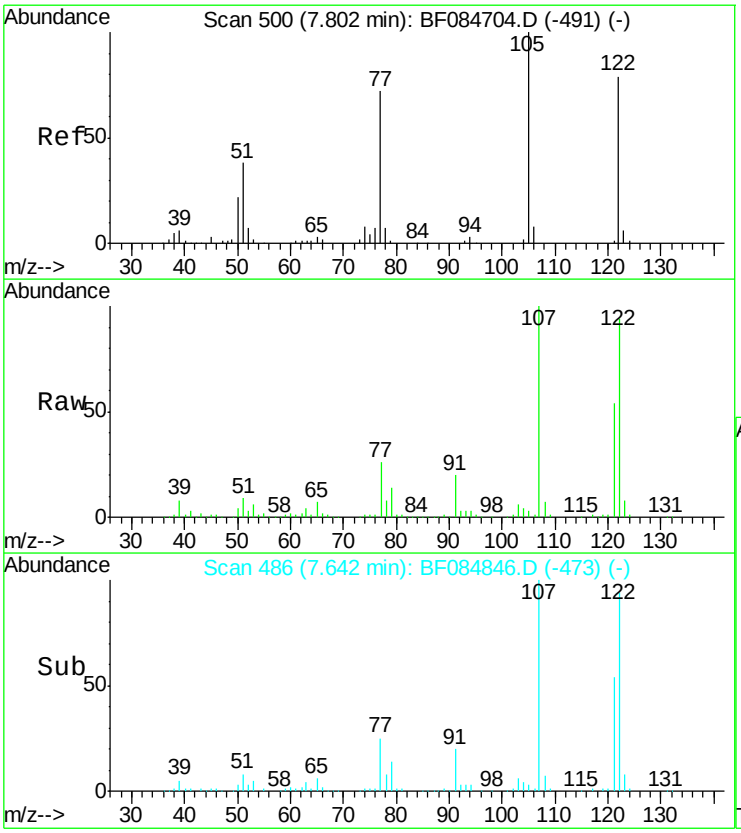
#31
Naphthalene
Concen: 50.06 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:128 Resp: 1512469

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.9	11.1	16.7

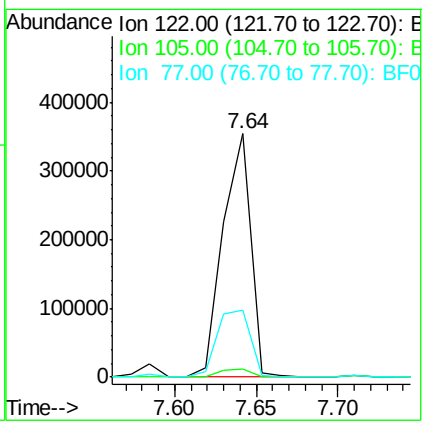


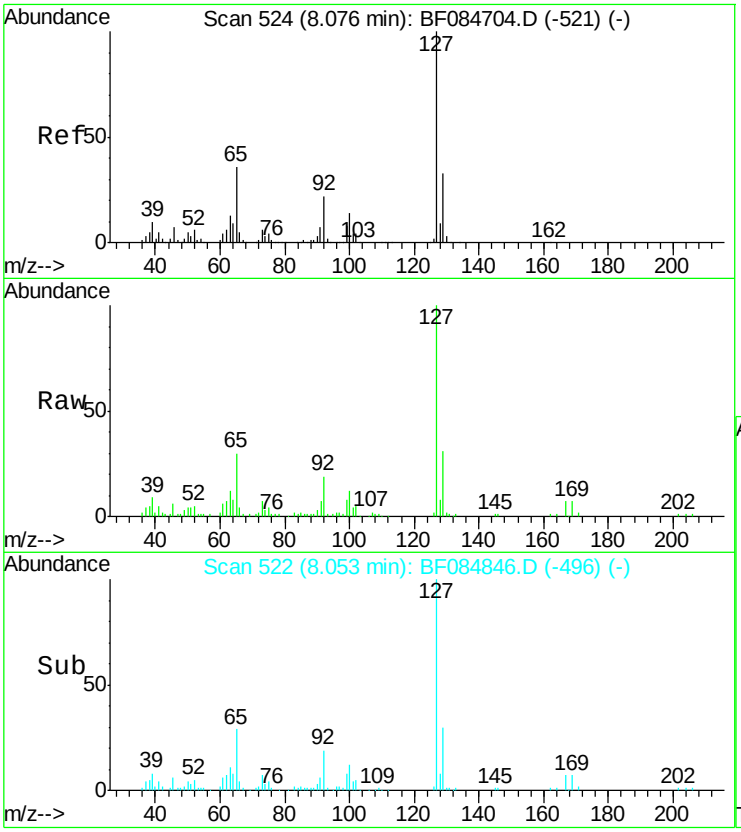


#32
Benzoic acid
Concen: 66.06 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.15 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:122 Resp: 415071

Ion	Ratio	Lower	Upper
122	100		
105	3.2	100.3	140.3#
77	27.6	63.5	103.5#



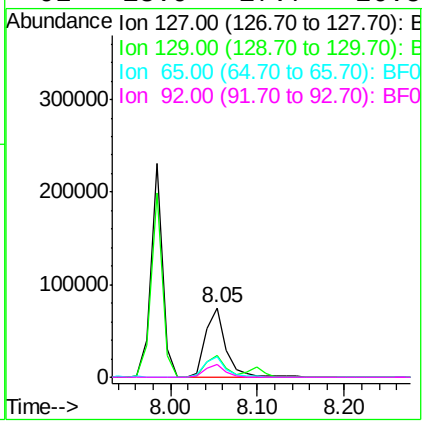


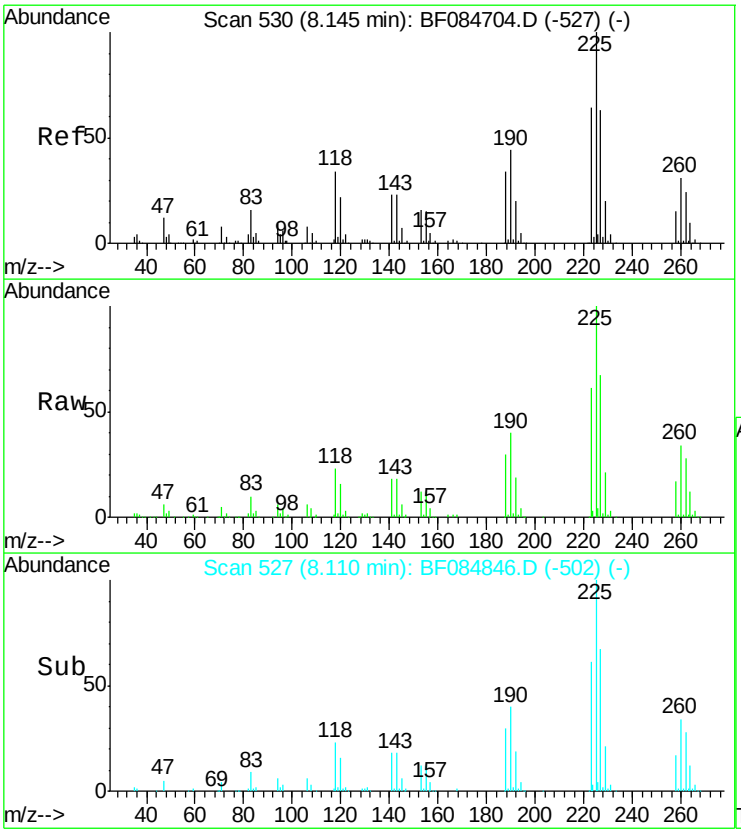
#33
4-Chloroaniline
Concen: 9.71 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:127 Resp: 121349

Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	30.0	27.2	40.8
92	18.9	17.7	26.5

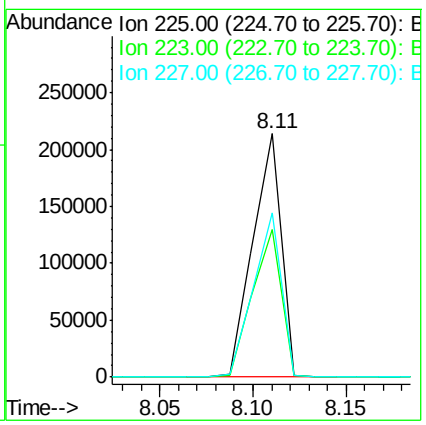


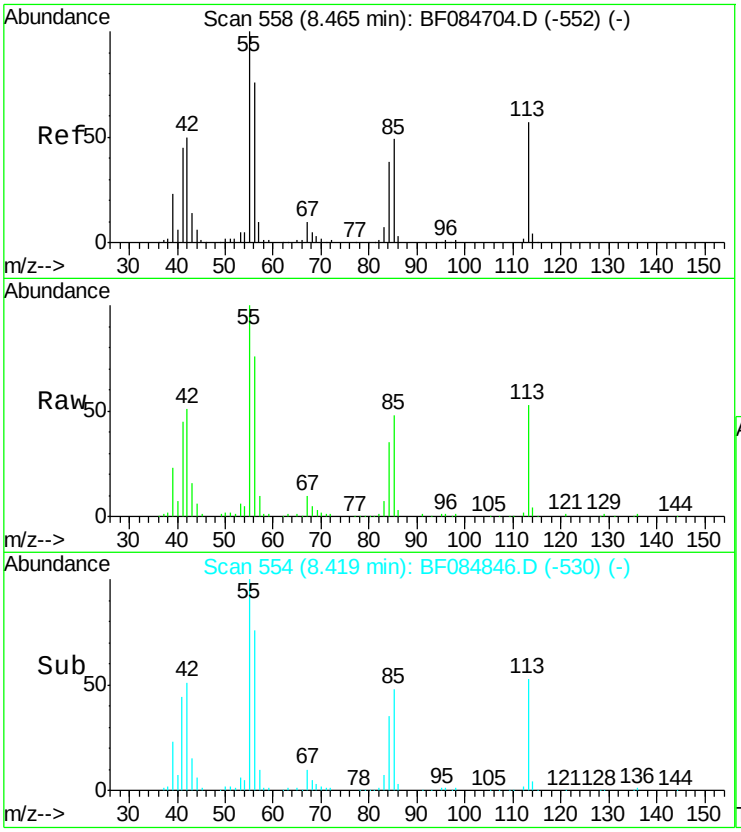


#34
Hexachlorobutadiene
Concen: 40.98 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:225 Resp: 224342

Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.4	74.0
227	67.4	50.8	76.2



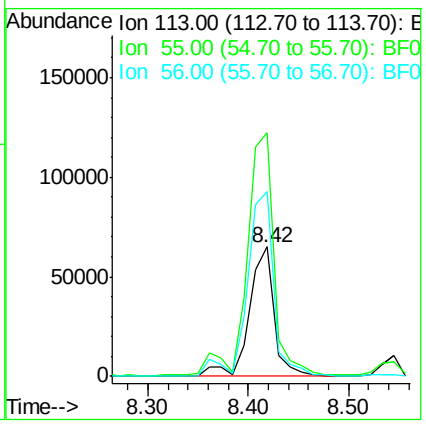


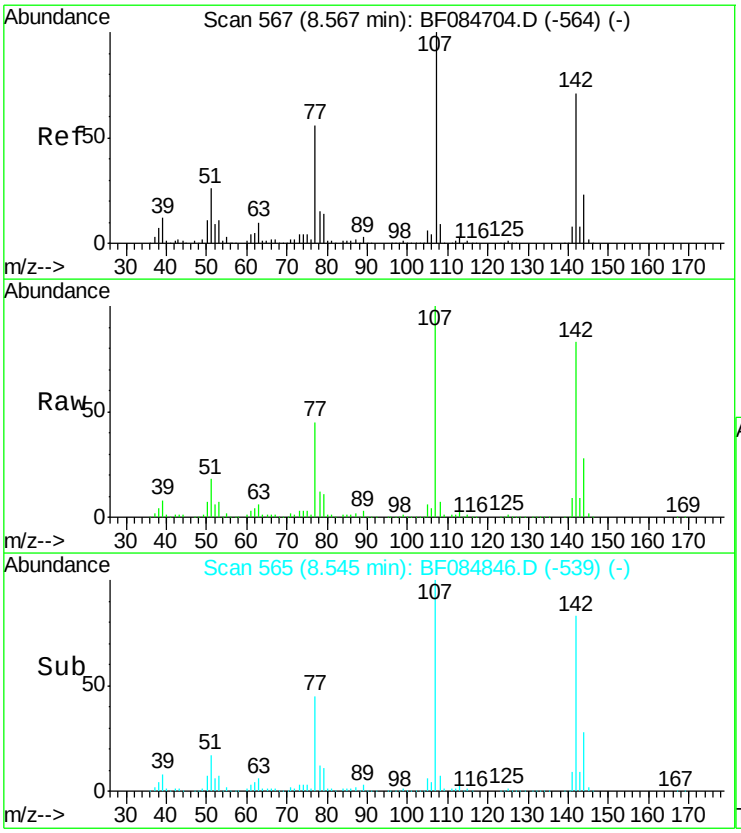
#35
Caprolactam
Concen: 43.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:113 Resp: 111400

Ion	Ratio	Lower	Upper
113	100		
55	188.6	116.9	156.9#
56	143.1	93.8	133.8#

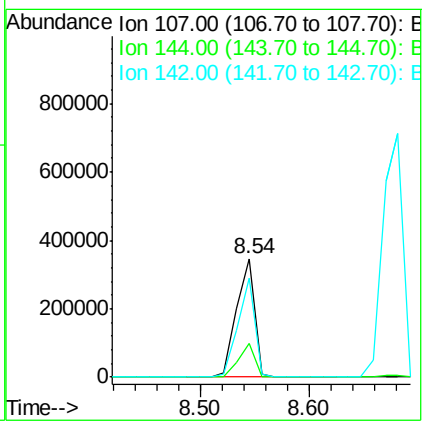


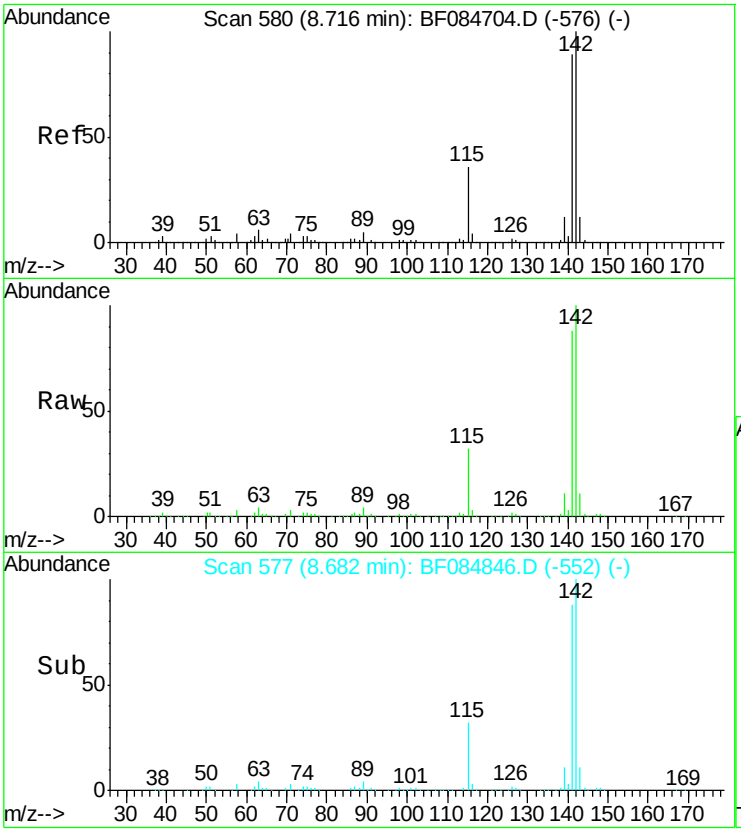


#36
4-Chloro-3-methylphenol
Concen: 41.12 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:107 Resp: 394259

Ion	Ratio	Lower	Upper
107	100		
144	28.0	19.7	29.5
142	83.1	61.8	92.6



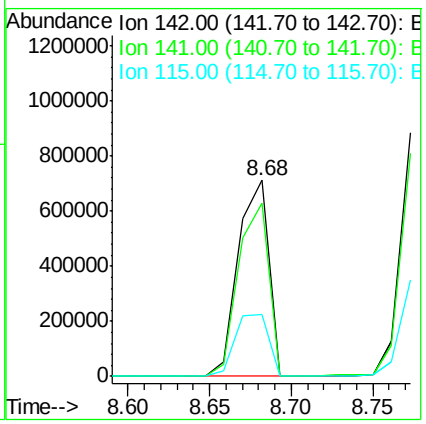


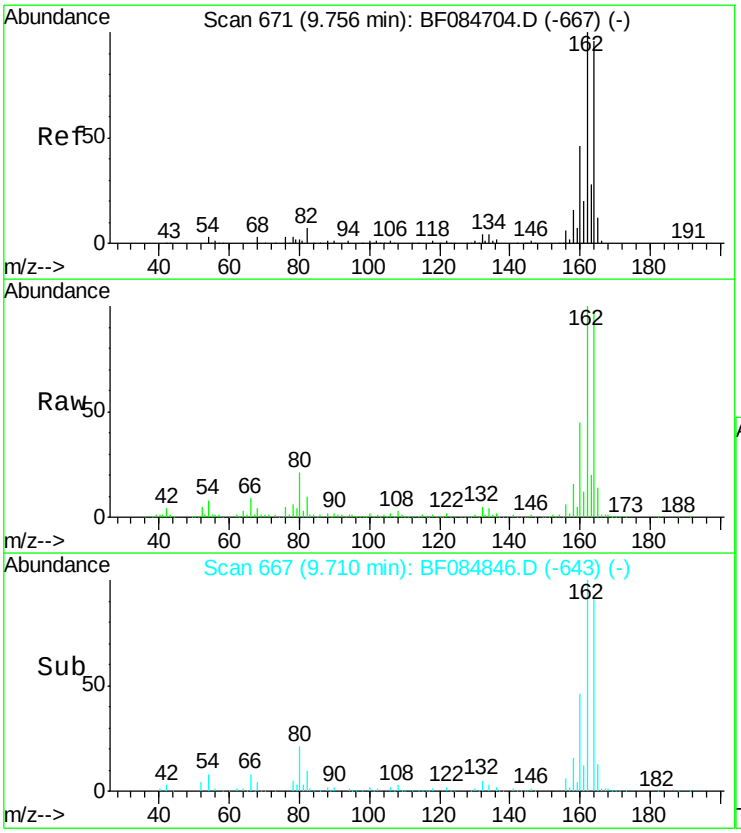
#37
2-Methylnaphthalene
Concen: 48.67 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:142 Resp: 920335

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.4	108.6
115	31.8	27.9	41.9

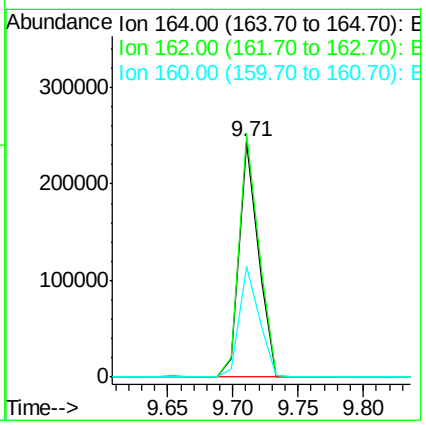


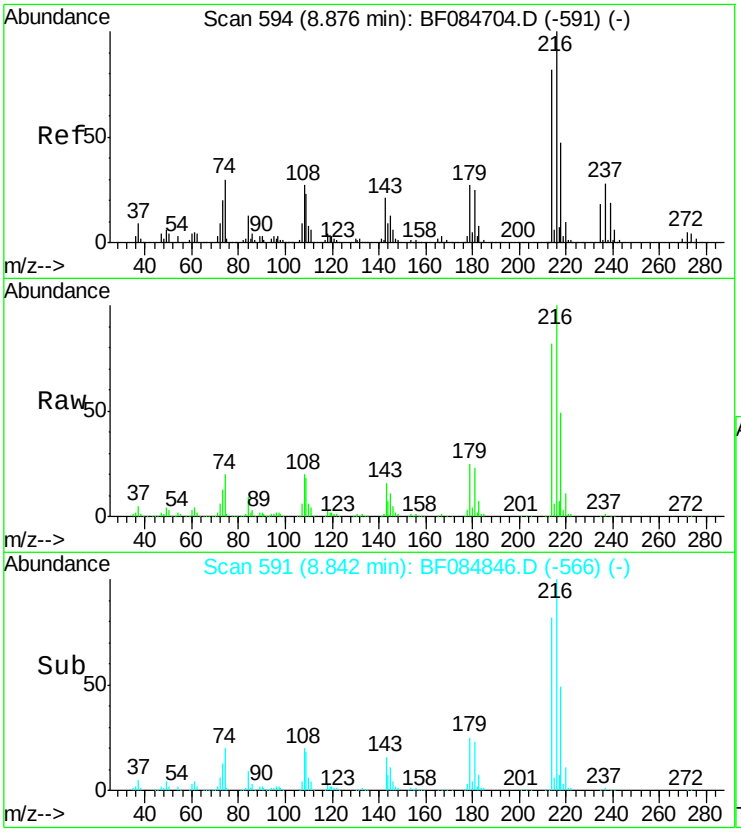


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:164 Resp: 248539

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	46.9	37.5	56.3



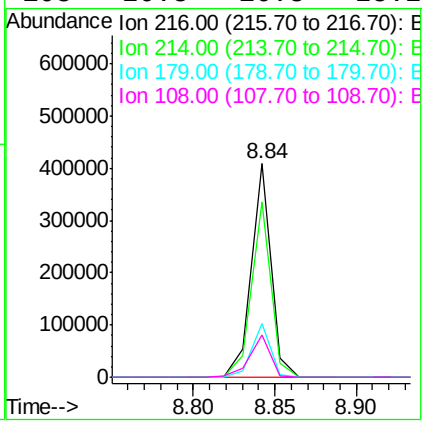


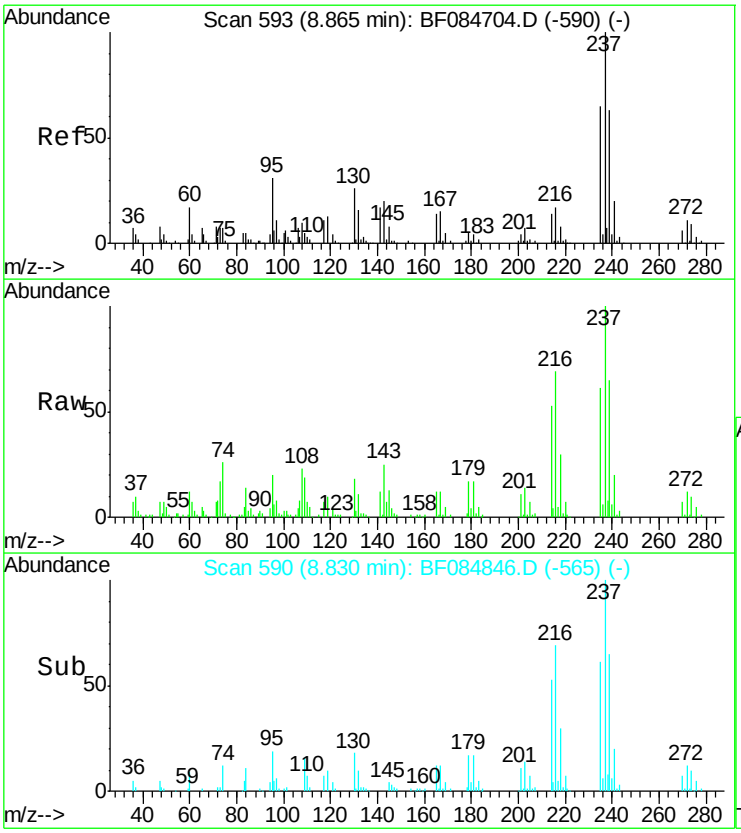
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.45 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:216 Resp: 342966

Ion	Ratio	Lower	Upper
216	100		
214	80.7	64.2	96.2
179	24.3	18.7	28.1
108	20.8	16.8	25.2

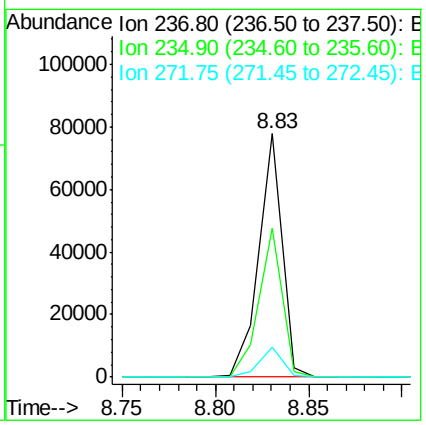


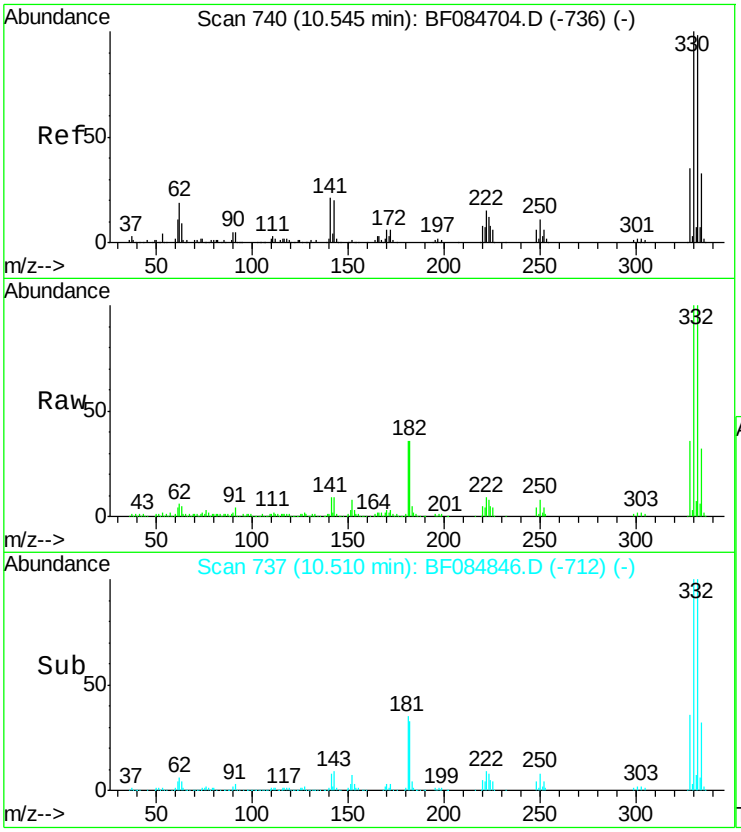


#40
Hexachlorocyclopentadiene
Concen: 27.11 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:237 Resp: 67238

Ion	Ratio	Lower	Upper
237	100		
235	61.0	43.1	83.1
272	12.4	0.0	35.1



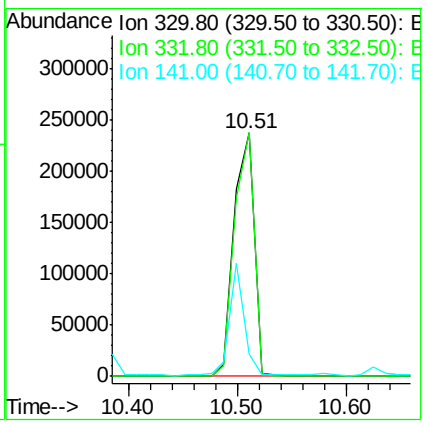


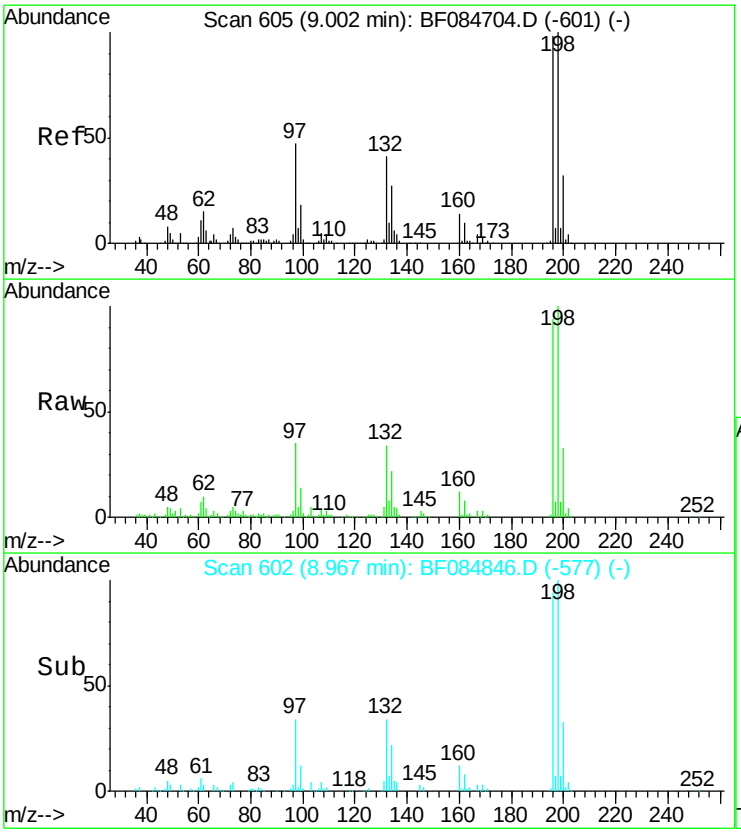
#41
2,4,6-Tribromophenol
Concen: 115.66 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:330 Resp: 299847

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	33.9	27.8	41.6

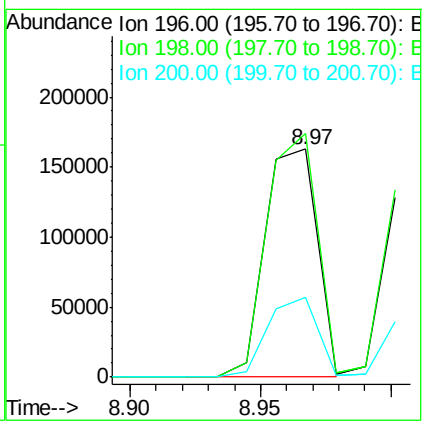


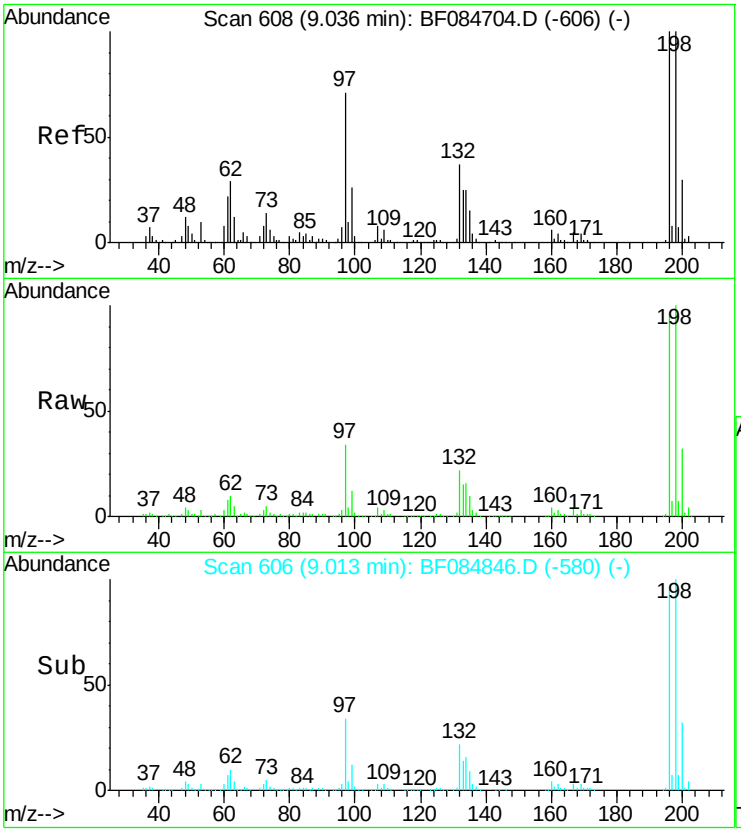


#42
2,4,6-Trichlorophenol
Concen: 44.68 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:196 Resp: 227183

Ion	Ratio	Lower	Upper
196	100		
198	106.7	77.7	116.5
200	34.7	24.6	37.0



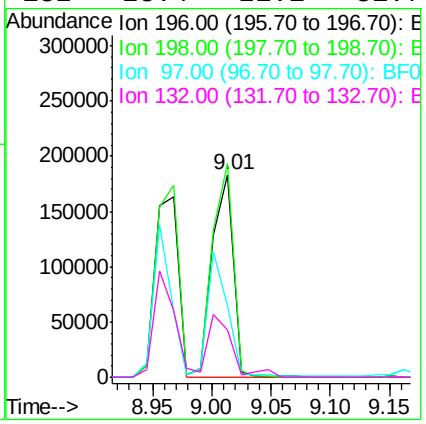


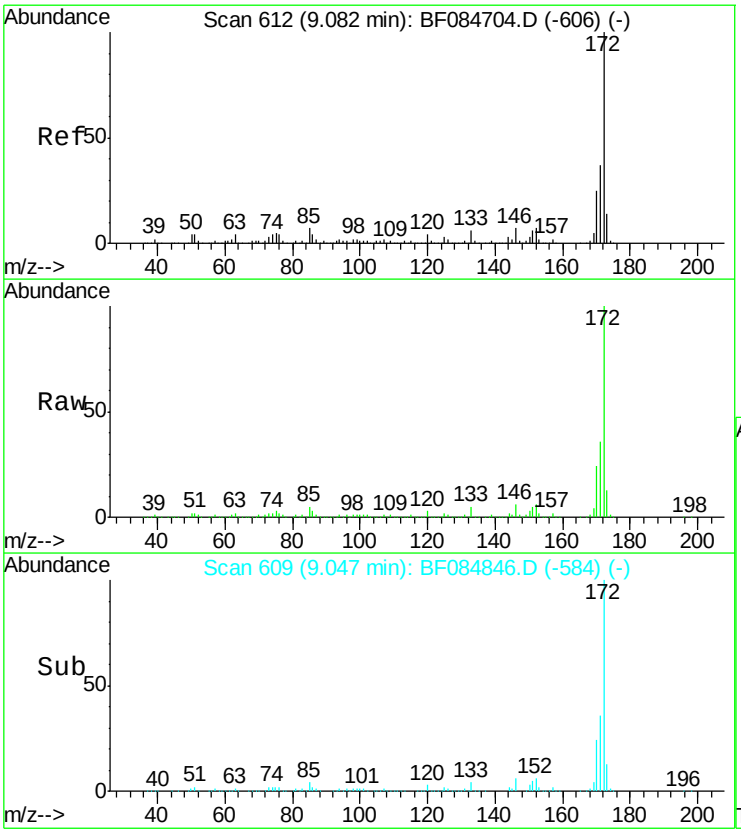
#43
2,4,5-Trichlorophenol
Concen: 43.52 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:196 Resp: 224872

Ion	Ratio	Lower	Upper
196	100		
198	105.6	79.0	118.6
97	35.5	33.0	49.6
132	23.4	21.1	31.7

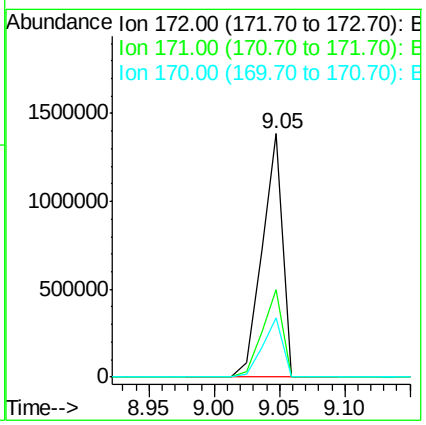


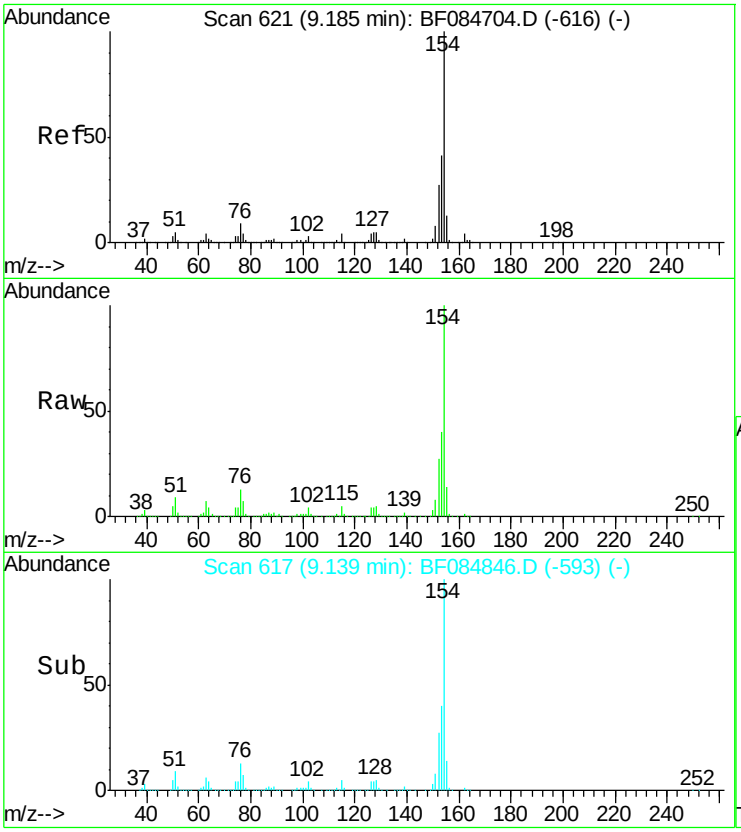


#44
2-Fluorobiphenyl
Concen: 117.27 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:172 Resp: 1511580

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.4	18.6	27.8



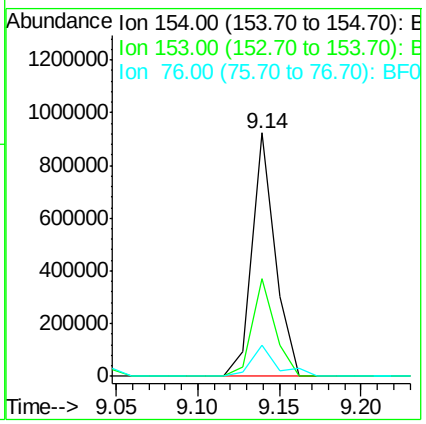


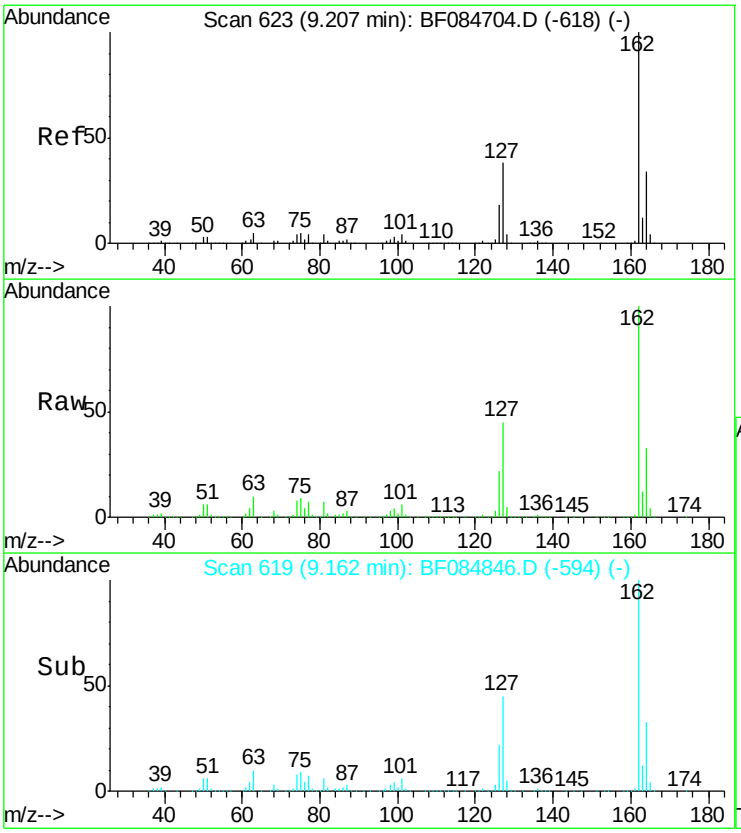
#45
1,1'-Biphenyl
Concen: 40.89 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:154 Resp: 907742

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.6	61.6
76	13.0	0.0	32.7

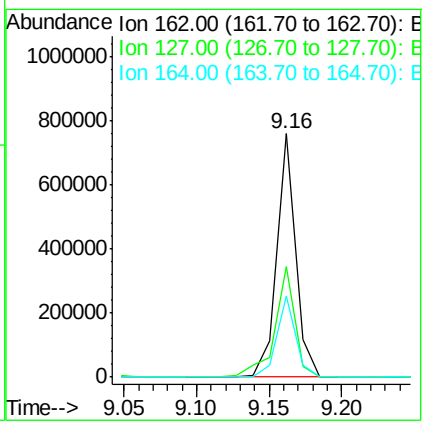


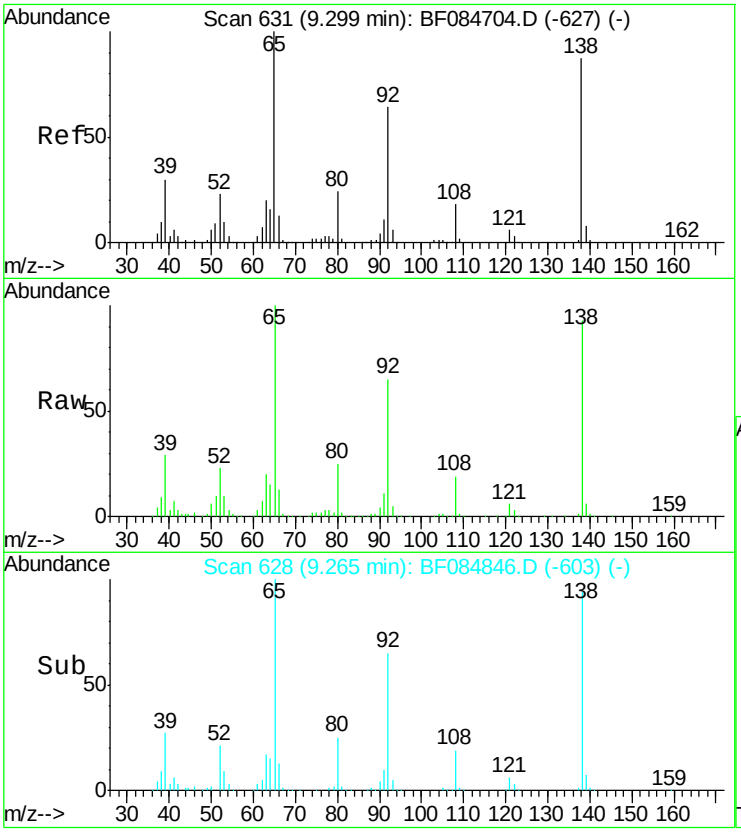


#46
2-Chloronaphthalene
Concen: 41.73 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:162 Resp: 682148

Ion	Ratio	Lower	Upper
162	100		
127	45.1	40.2	60.4
164	33.2	25.7	38.5



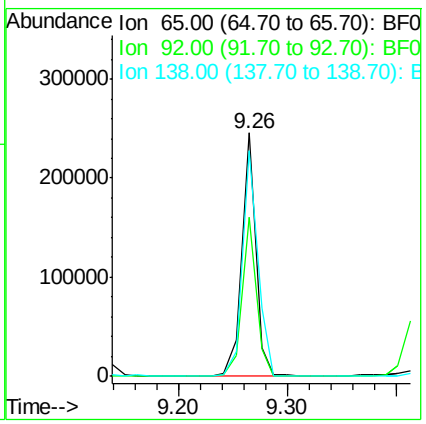


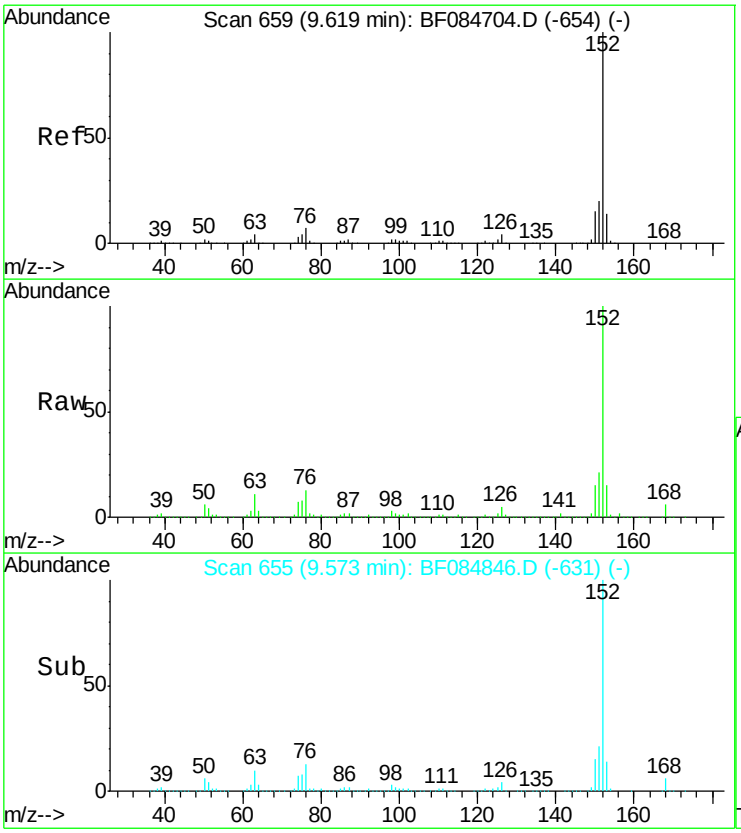
#47
2-Nitroaniline
Concen: 41.88 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion: 65 Resp: 216779

Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.4	80.2
138	93.0	71.1	106.7

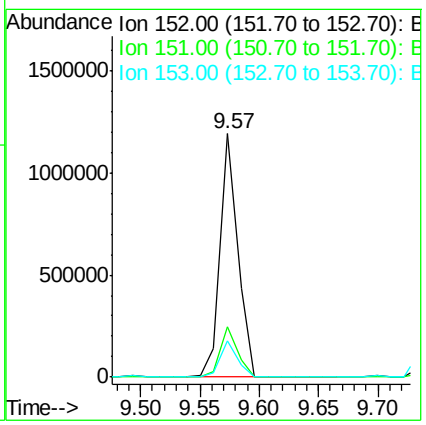


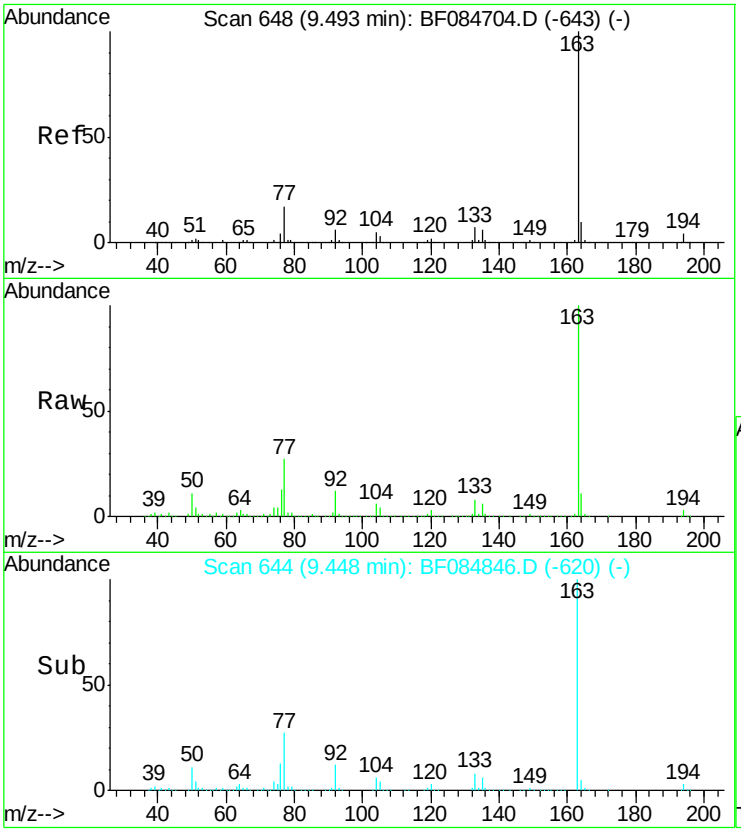


#48
Acenaphthylene
Concen: 49.32 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:152 Resp: 1223563

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.8	10.4	15.6



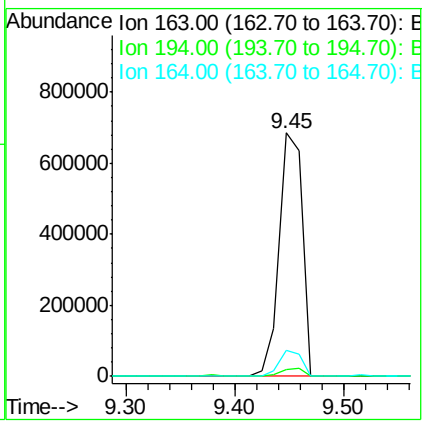


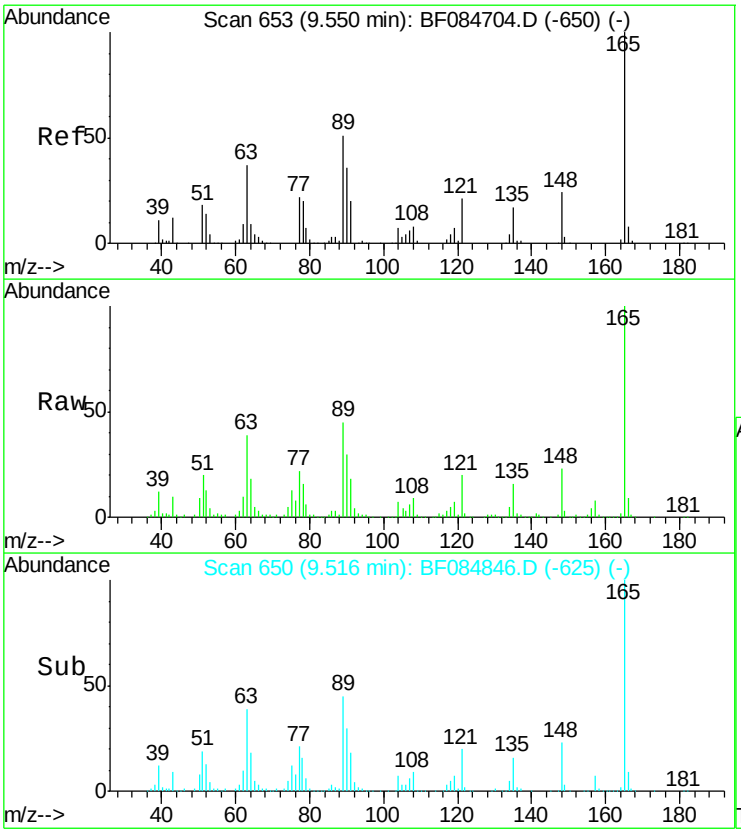
#49
Dimethylphthalate
Concen: 53.52 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:163 Resp: 1013154

Ion	Ratio	Lower	Upper
163	100		
194	2.8	8.0	12.0#
164	10.9	8.0	12.0

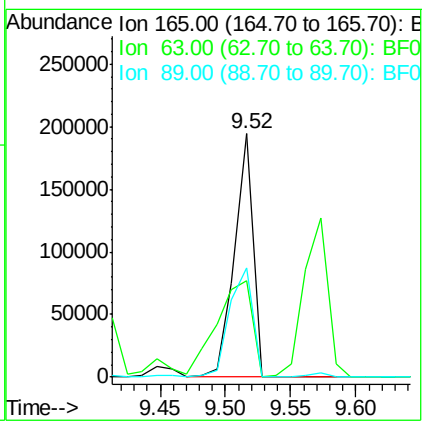


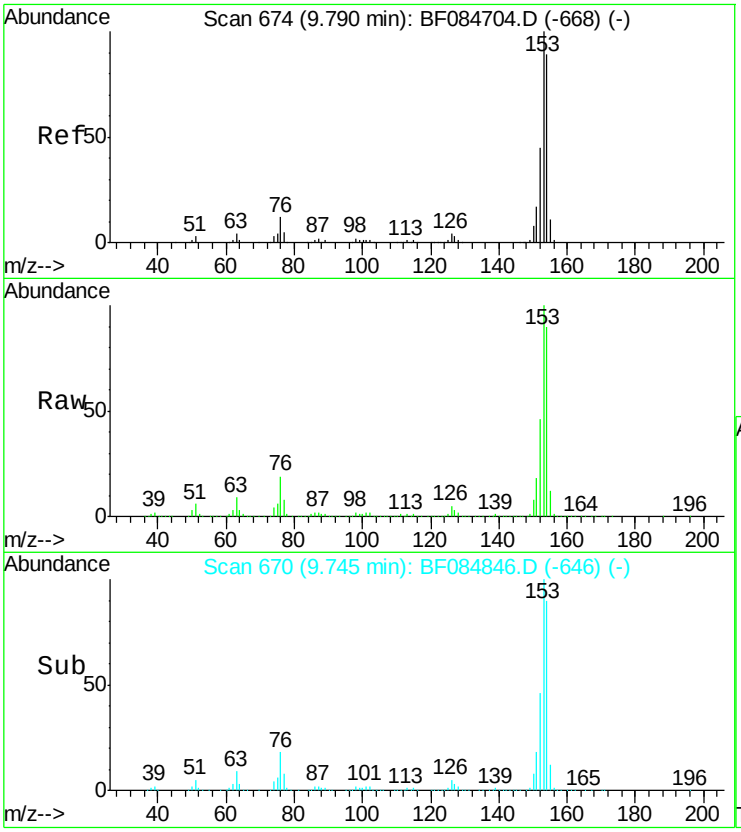


#50
2,6-Dinitrotoluene
Concen: 46.03 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:165 Resp: 190335

Ion	Ratio	Lower	Upper
165	100		
63	39.4	28.8	43.2
89	45.1	35.1	52.7



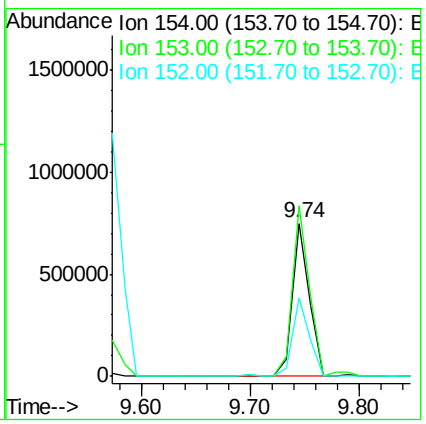


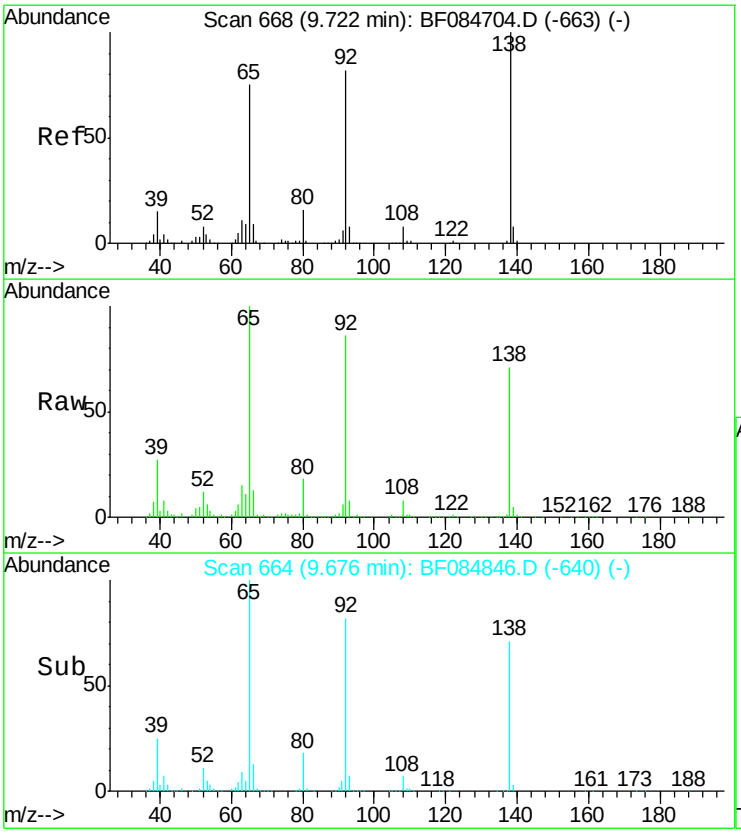
#51
Acenaphthene
Concen: 50.85 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:154 Resp: 820766

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.5	137.3
152	50.8	43.0	64.6

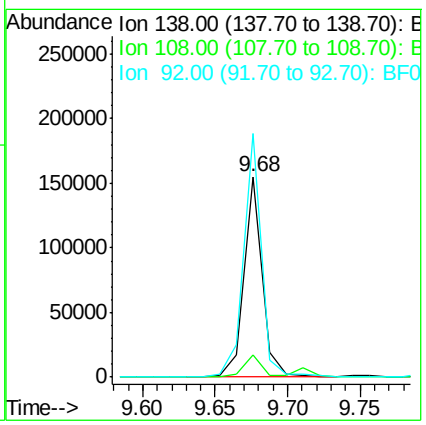


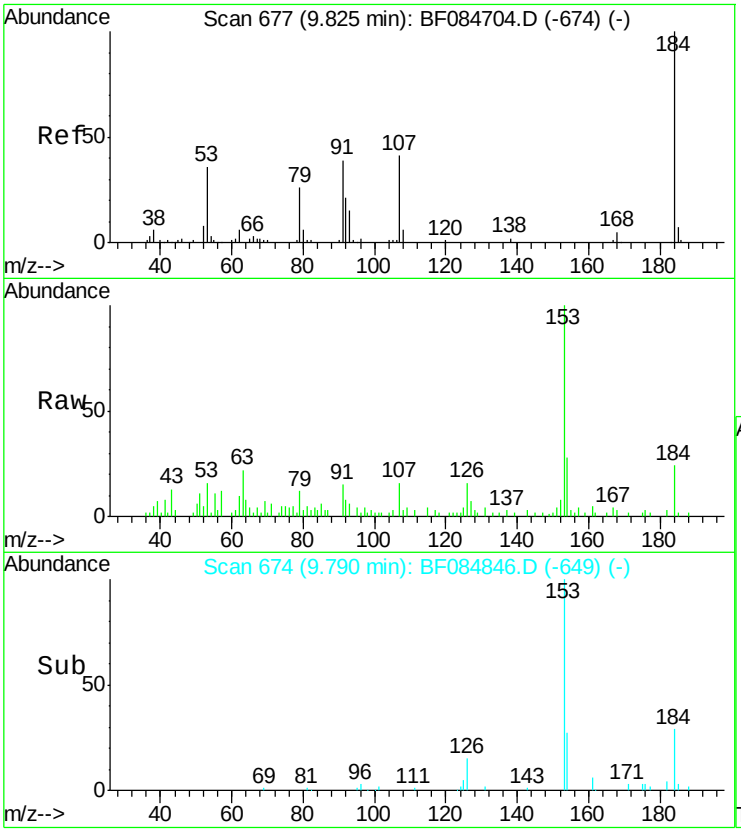


#52
3-Nitroaniline
Concen: 29.04 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:138 Resp: 134964

Ion	Ratio	Lower	Upper
138	100		
108	10.9	10.5	15.7
92	121.6	103.9	155.9



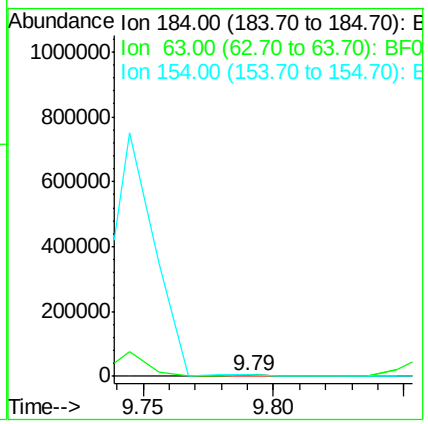


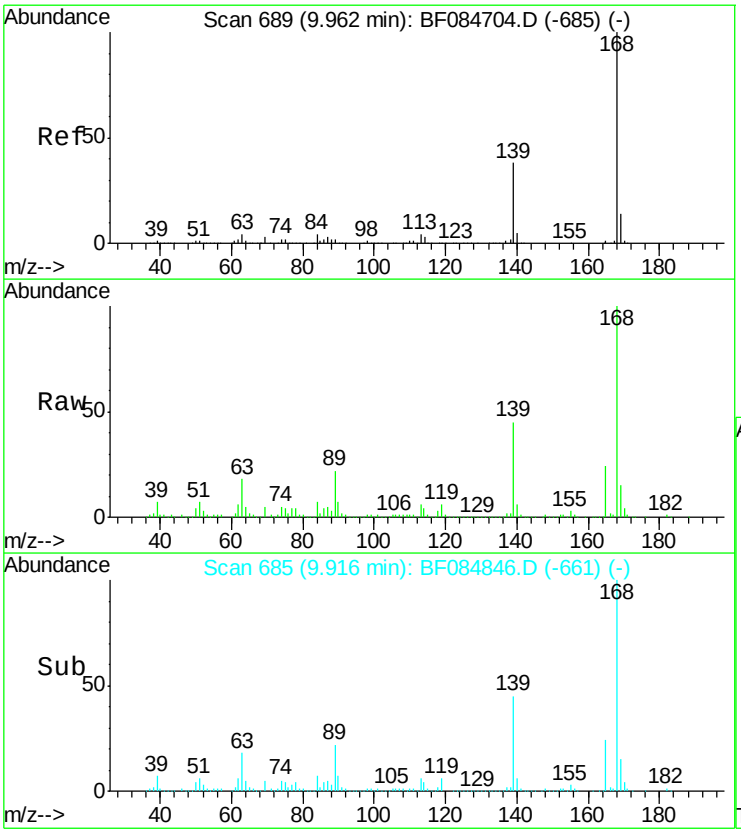
#53
2,4-Dinitrophenol
Concen: 8.16 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:184 Resp: 4850

Ion	Ratio	Lower	Upper
184	100		
63	90.2	43.1	64.7#
154	115.8	60.5	90.7#

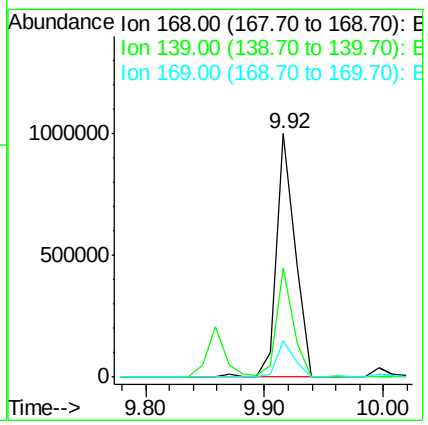


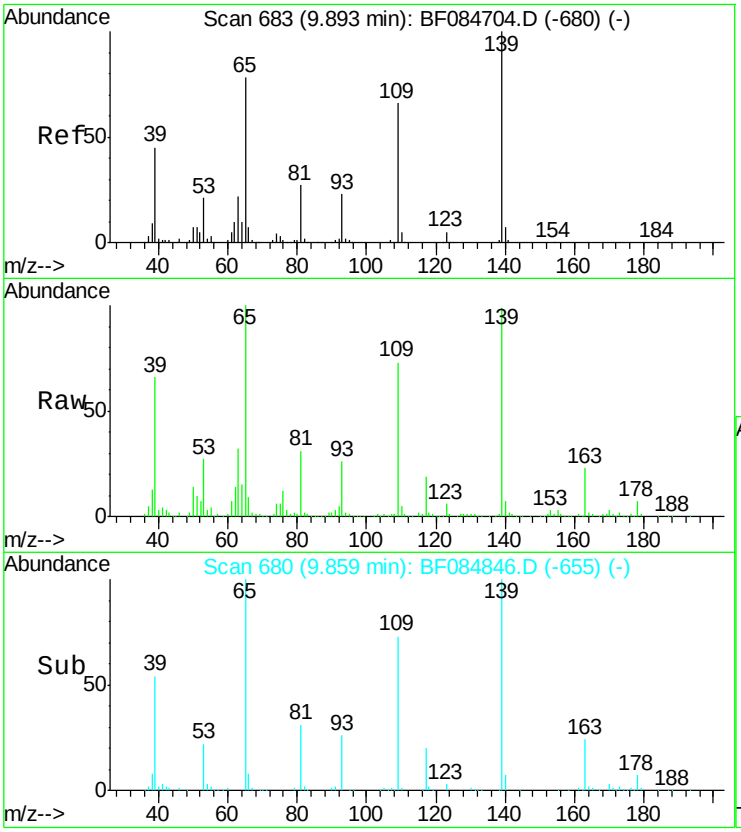


#54
Dibenzofuran
Concen: 54.93 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:168 Resp: 1083511

Ion	Ratio	Lower	Upper
168	100		
139	45.0	30.5	45.7
169	14.7	10.4	15.6



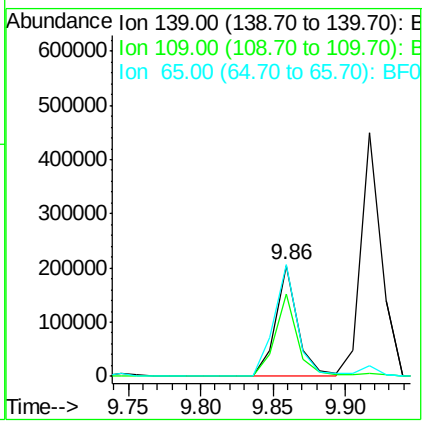


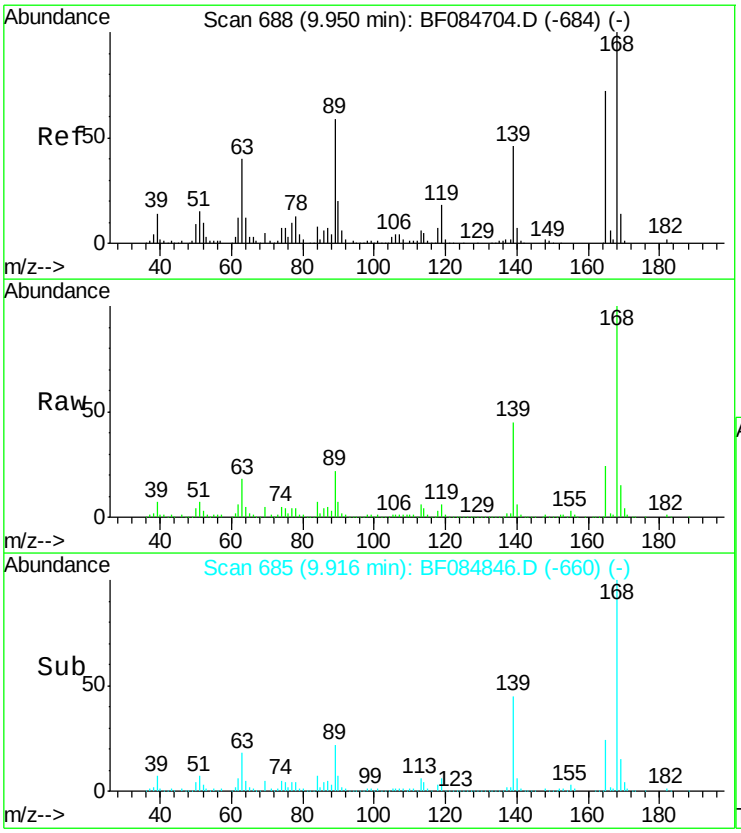
#55
4-Nitrophenol
Concen: 63.90 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:139 Resp: 218237

Ion	Ratio	Lower	Upper
139	100		
109	74.4	58.5	98.5
65	101.3	57.6	97.6#

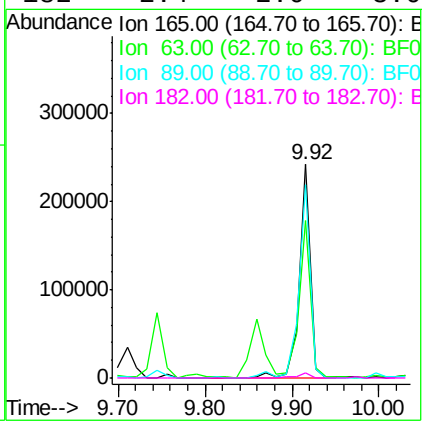


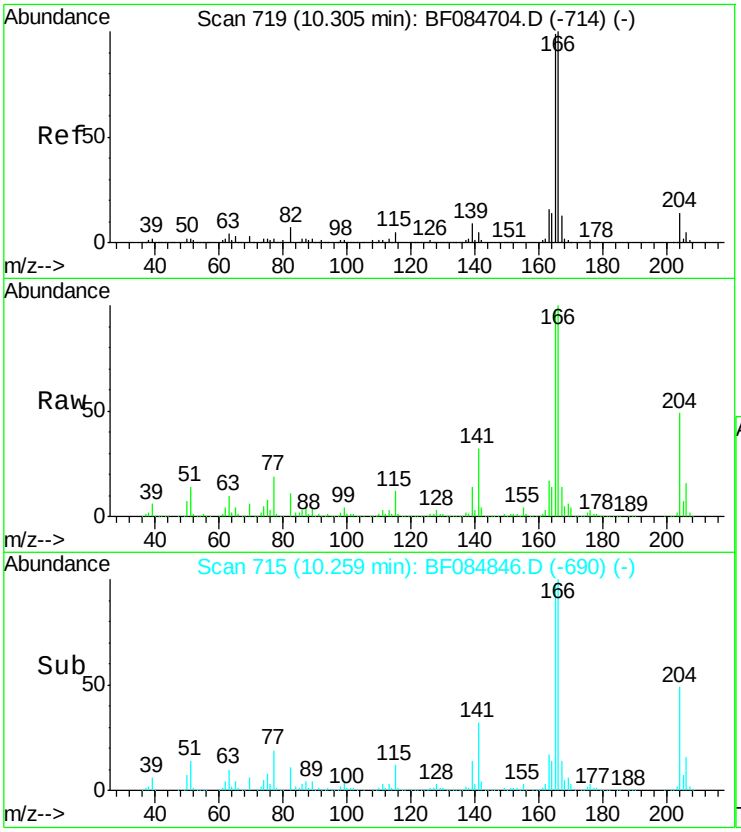


#56
2,4-Dinitrotoluene
Concen: 41.70 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:165 Resp: 219950

Ion	Ratio	Lower	Upper
165	100		
63	73.6	36.7	55.1#
89	90.3	61.9	92.9
182	2.4	2.0	3.0



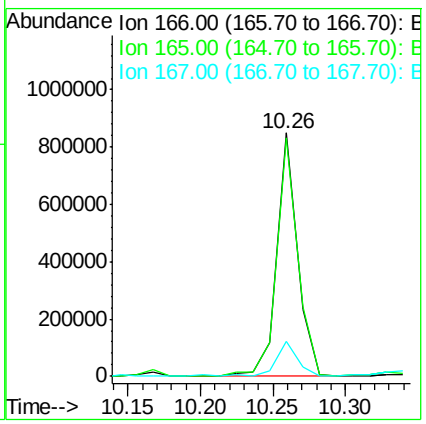


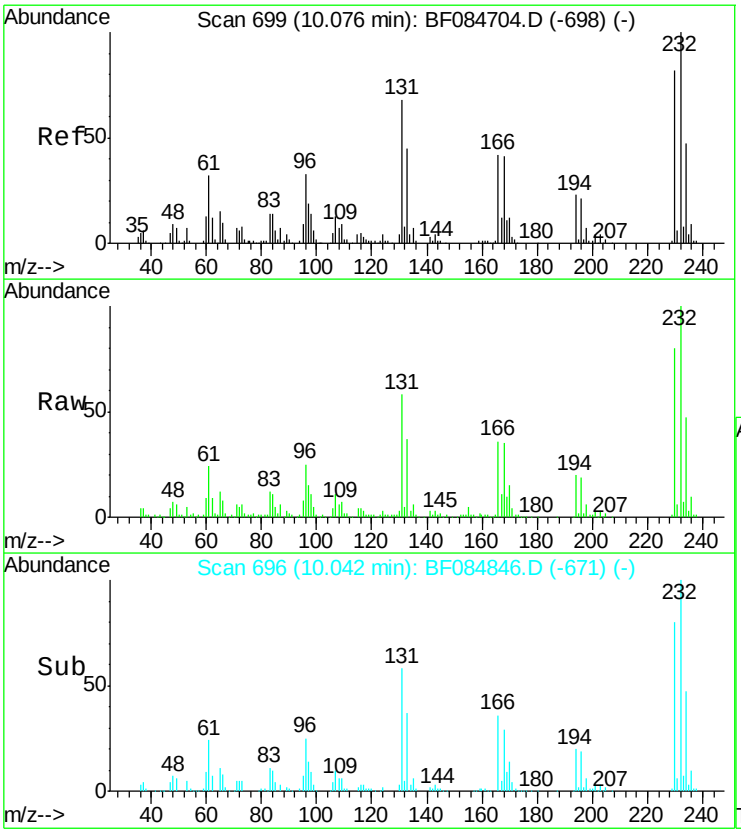
#57
Fluorene
Concen: 50.98 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:166 Resp: 839816

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.1	118.7
167	14.5	10.4	15.6

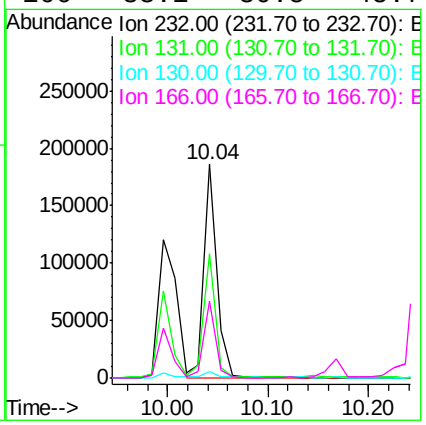


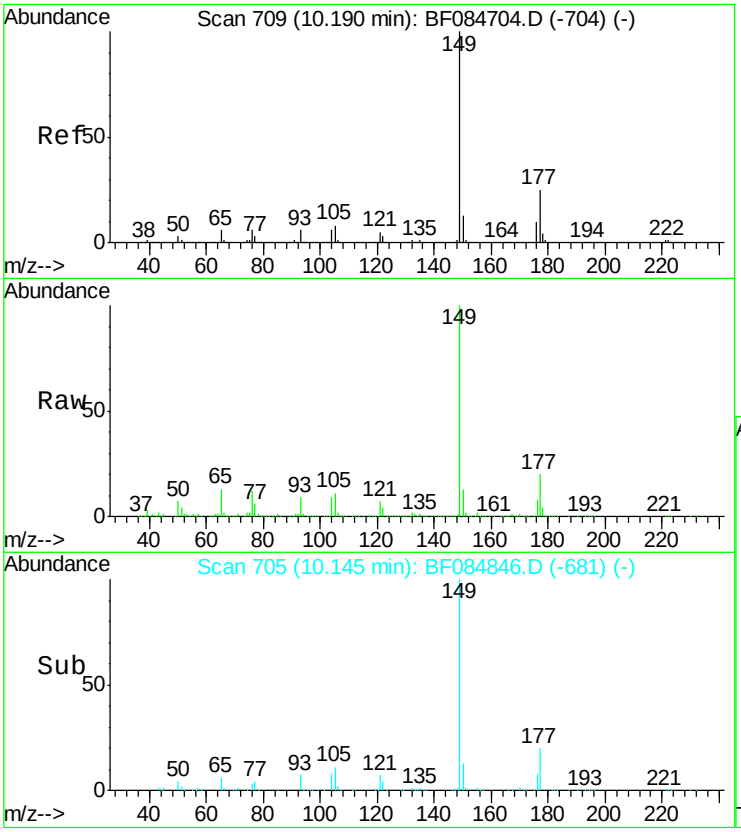


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.97 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:232 Resp: 169025

Ion	Ratio	Lower	Upper
232	100		
131	51.5	47.0	70.6
130	2.7	2.0	3.0
166	33.1	30.5	45.7



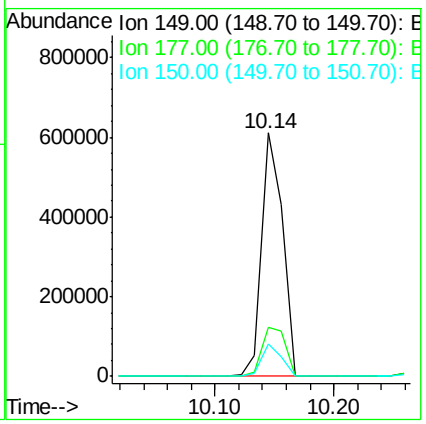


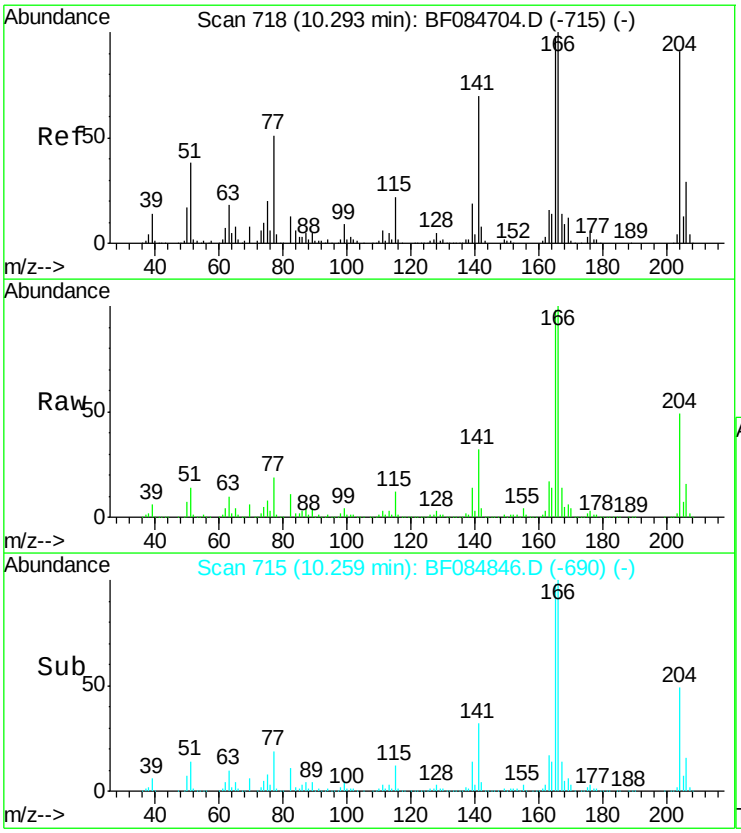
#59
Diethylphthalate
Concen: 40.97 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:149 Resp: 757357

Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.3	25.9
150	13.2	9.8	14.8

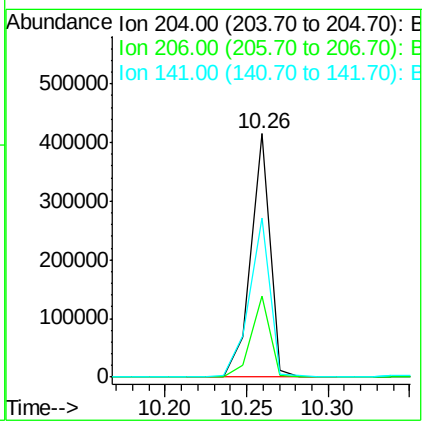


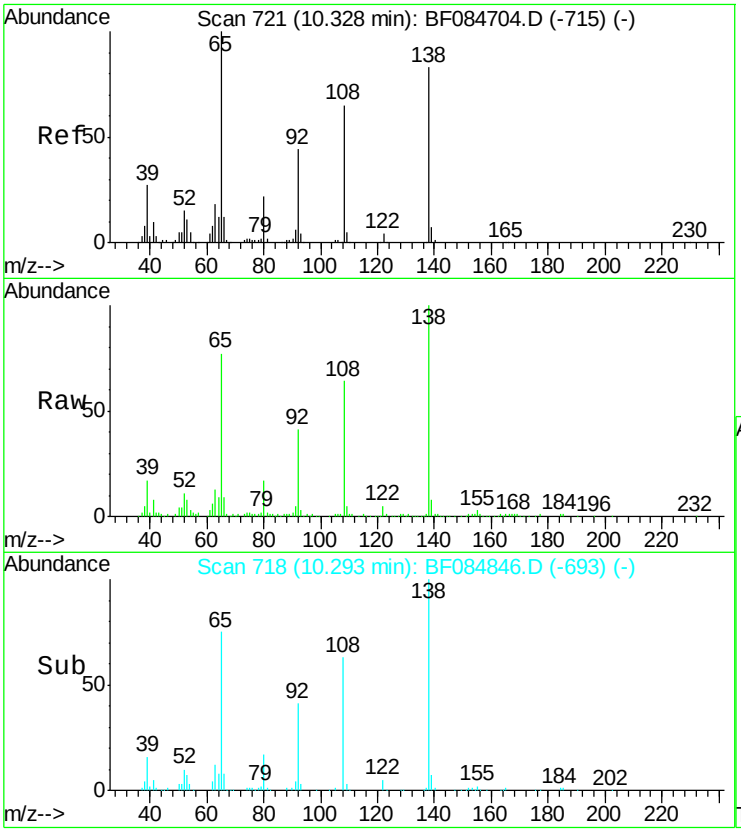


#60
4-Chlorophenyl-phenylether
Concen: 50.07 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:204 Resp: 340849

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.7	38.5
141	65.5	55.1	82.7



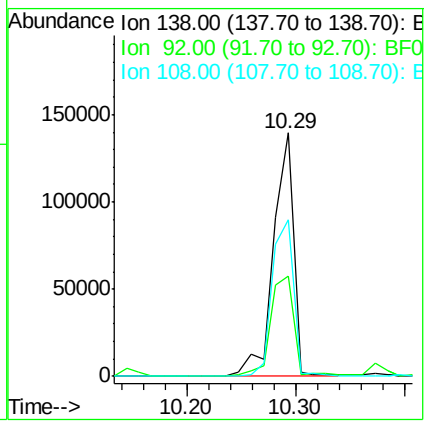


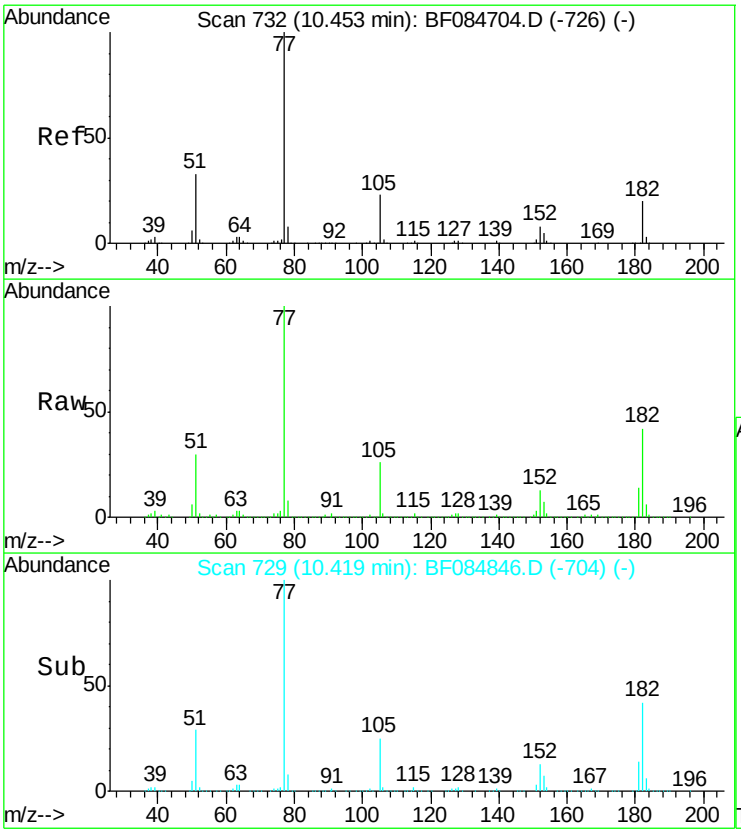
#61
4-Nitroaniline
Concen: 39.54 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:138 Resp: 179058

Ion	Ratio	Lower	Upper
138	100		
92	41.2	32.6	72.6
108	64.5	68.6	108.6#

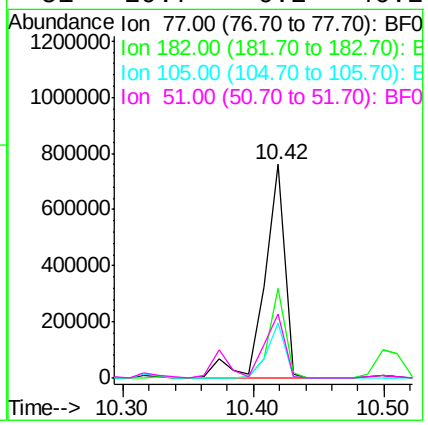


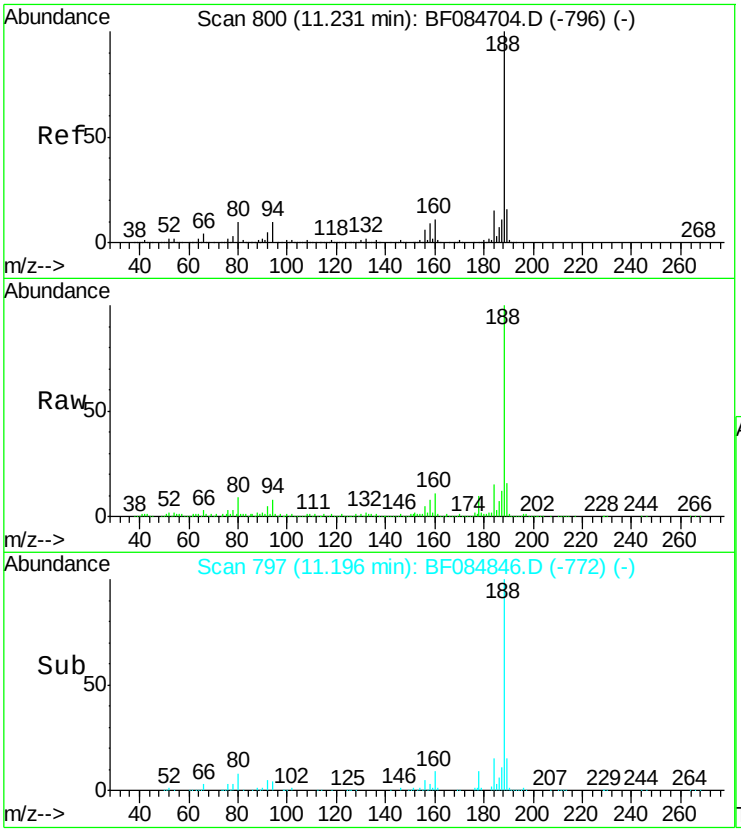


#62
Azobenzene
Concen: 46.50 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion: 77 Resp: 826519

Ion	Ratio	Lower	Upper
77	100		
182	42.0	8.3	48.3
105	26.1	4.6	44.6
51	29.7	6.2	46.2



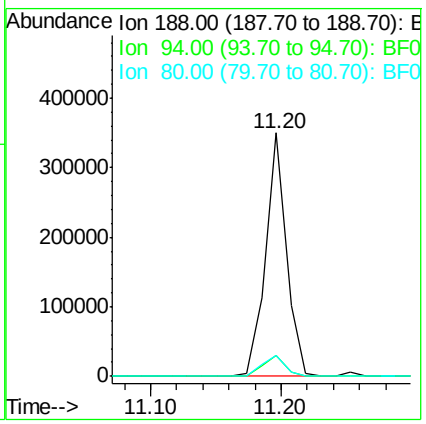


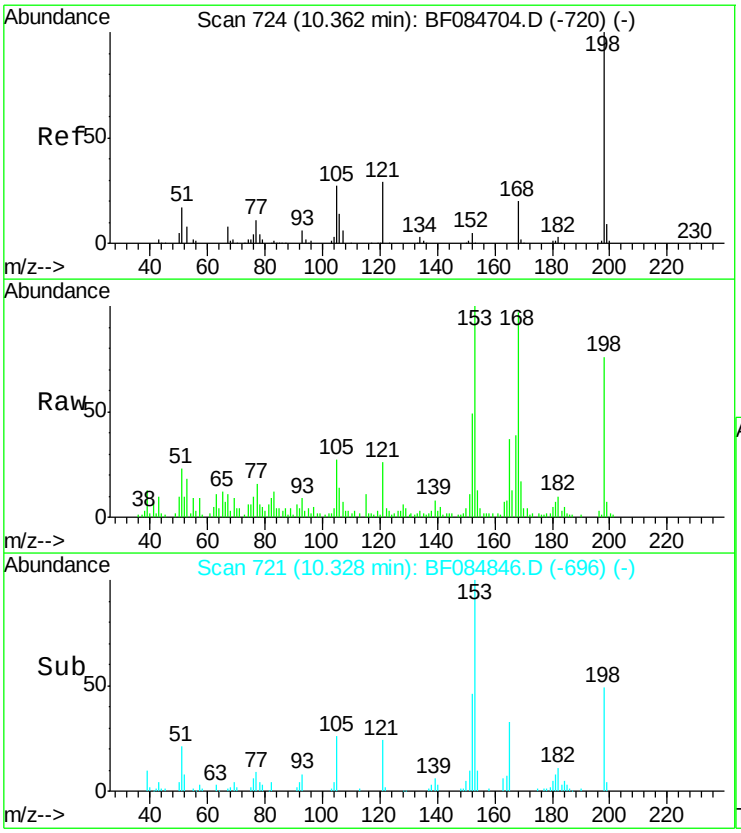
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:188 Resp: 395697

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.7	9.6	14.4#

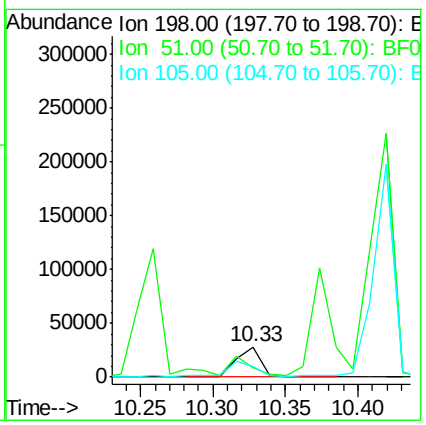


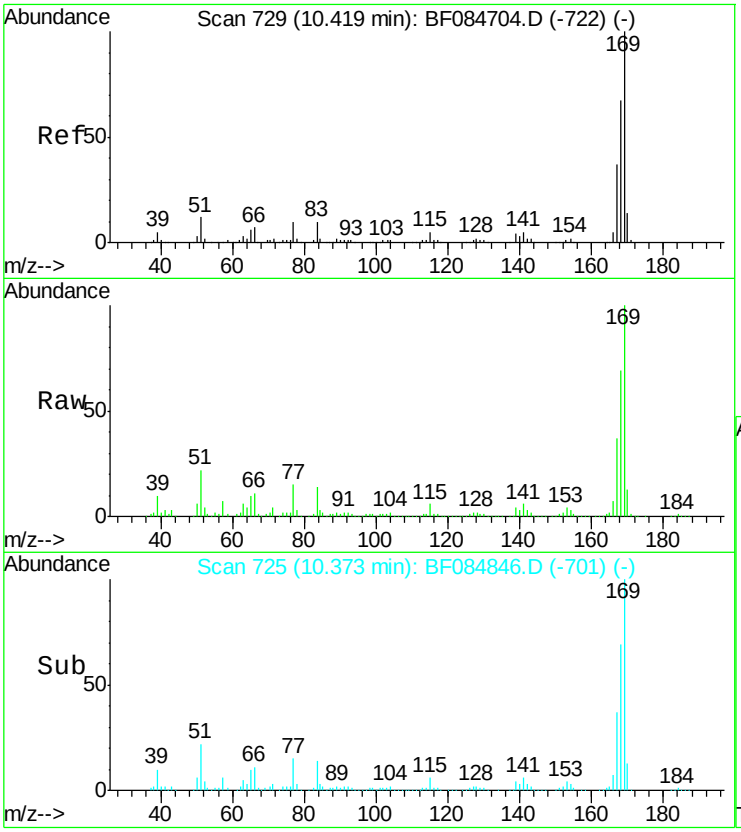


#64
4,6-Dinitro-2-methylphenol
Concen: 13.76 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:198 Resp: 33609

Ion	Ratio	Lower	Upper
198	100		
51	30.3	18.9	58.9
105	35.4	26.4	66.4



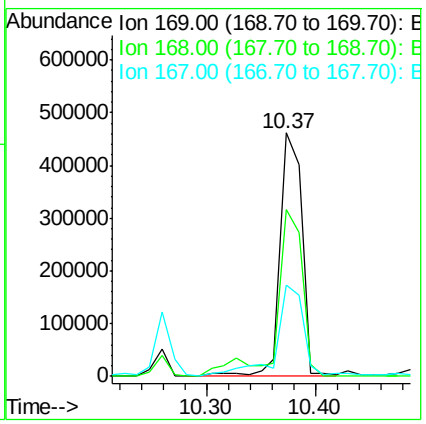


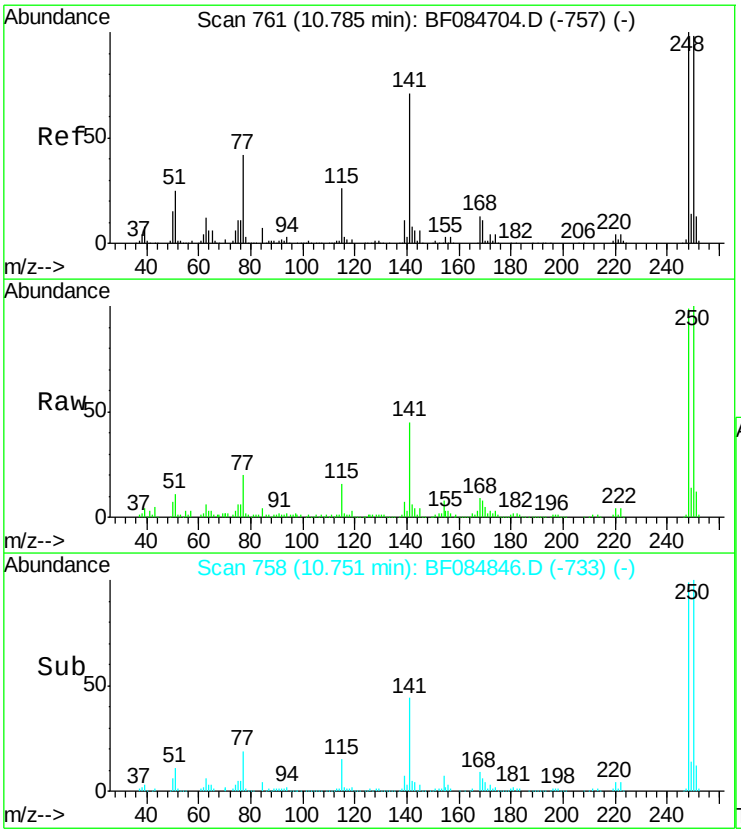
#65
n-Nitrosodiphenylamine
Concen: 51.14 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:169 Resp: 642616

Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.1	82.7
167	37.3	30.0	45.0

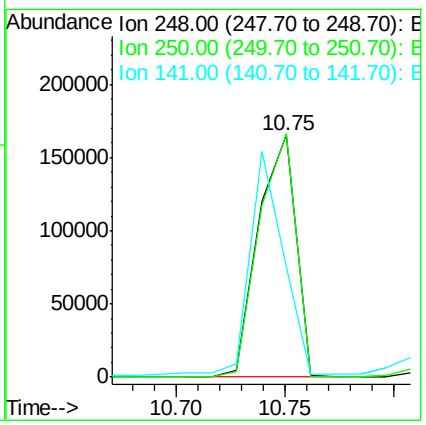


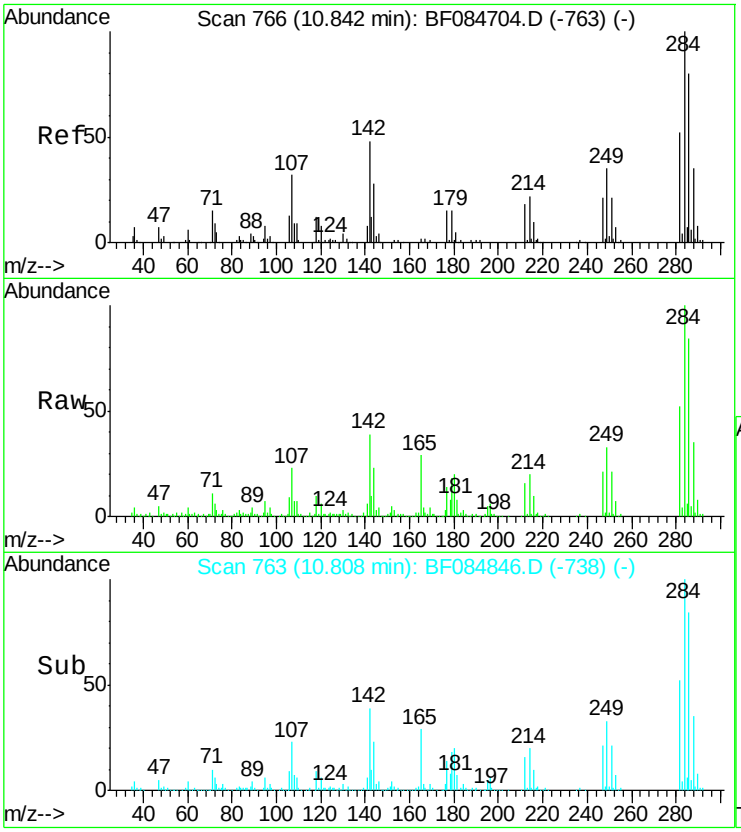


#66
4-Bromophenyl-phenylether
Concen: 45.70 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:248 Resp: 199746

Ion	Ratio	Lower	Upper
248	100		
250	100.6	78.4	117.6
141	45.4	44.0	66.0



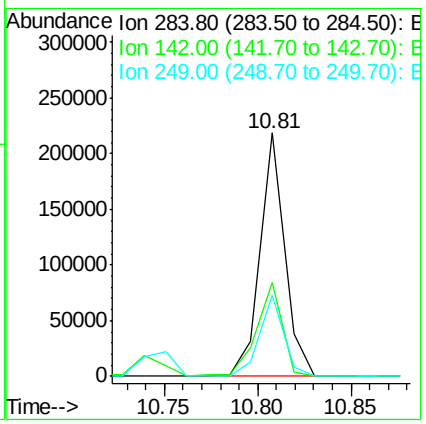


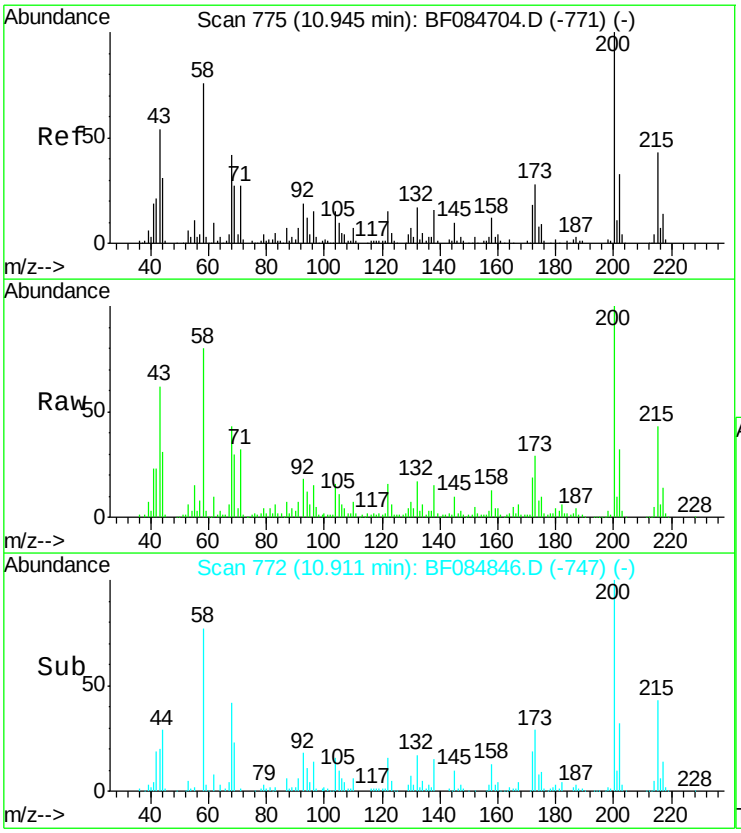
#67
Hexachlorobenzene
Concen: 41.66 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:284 Resp: 198407

Ion	Ratio	Lower	Upper
284	100		
142	38.7	22.2	33.4#
249	33.3	24.6	37.0

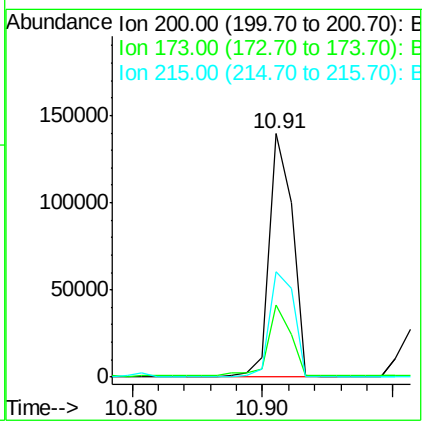


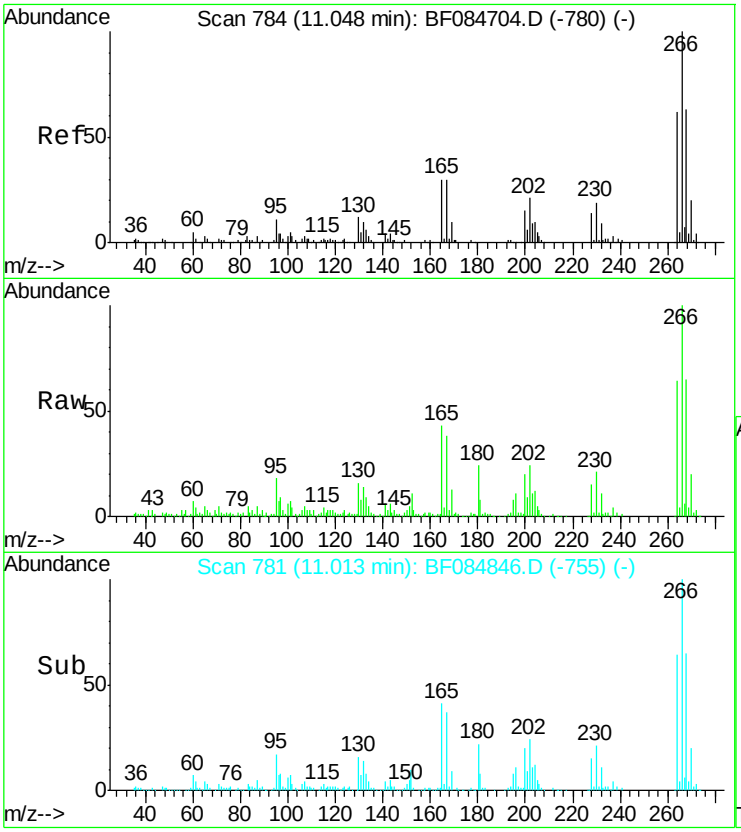


#68
Atrazine
Concen: 43.77 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:200 Resp: 173664

Ion	Ratio	Lower	Upper
200	100		
173	29.5	9.5	49.5
215	43.3	23.8	63.8



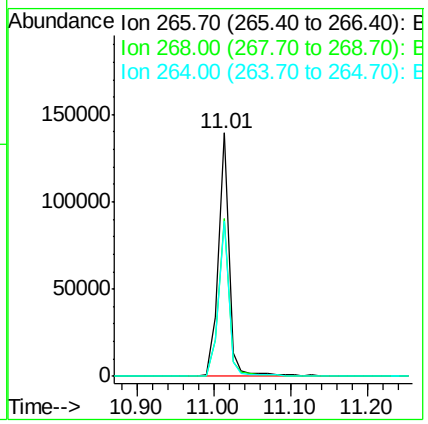


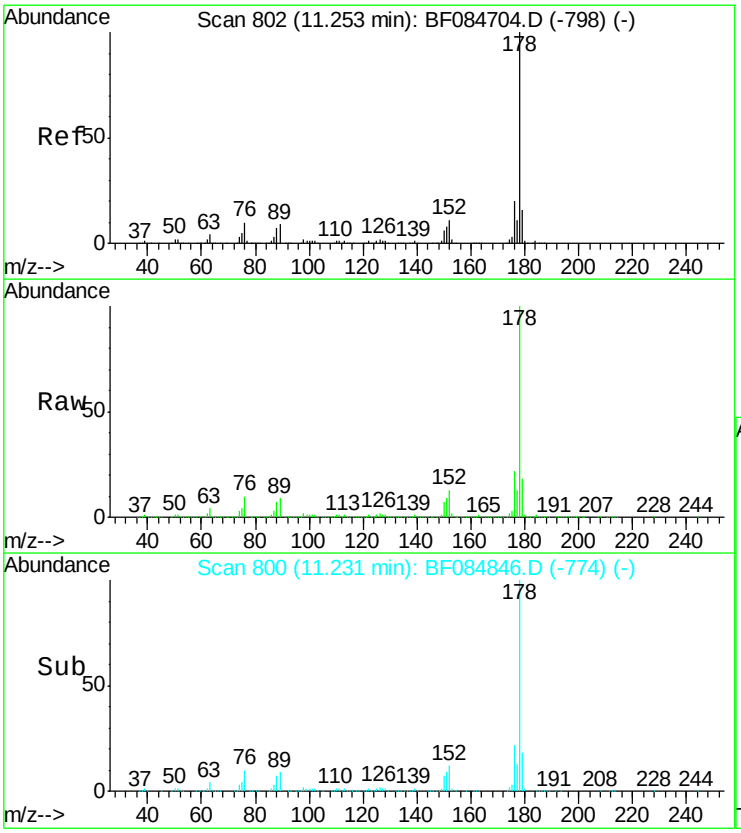
#69
Pentachlorophenol
Concen: 61.56 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:266 Resp: 137767

Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.4	78.6
264	63.6	50.2	75.2

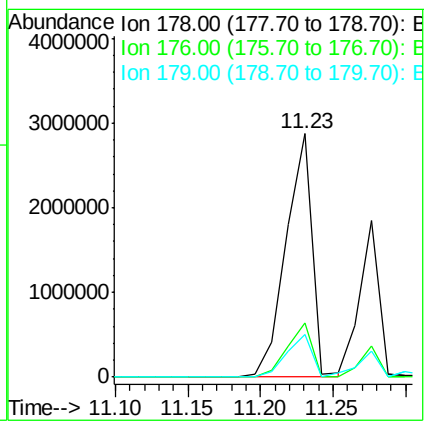


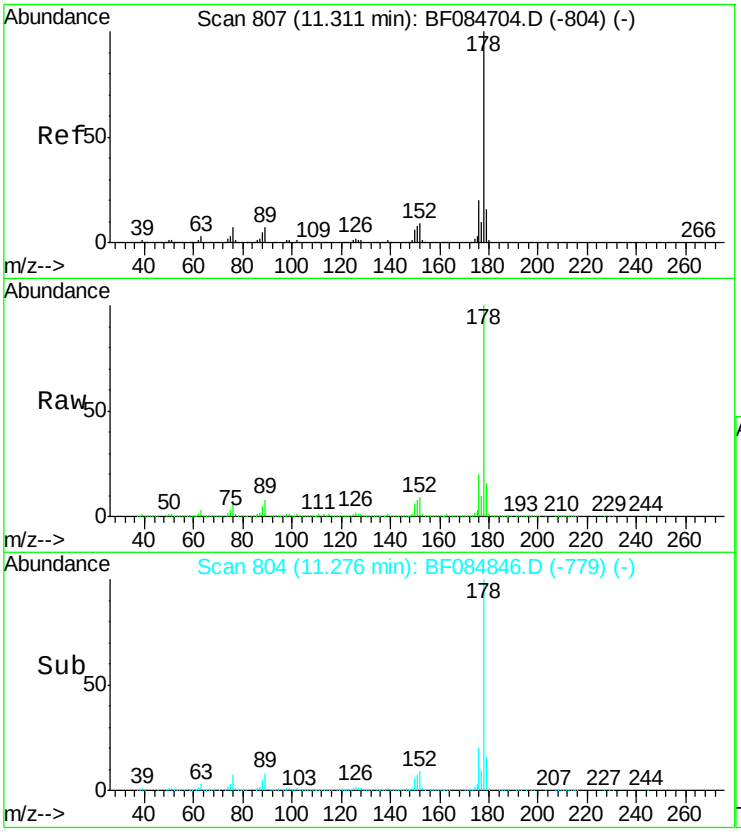


#70
Phenanthrene
Concen: 162.50 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:178 Resp: 3566470

Ion	Ratio	Lower	Upper
178	100		
176	22.4	15.3	22.9
179	17.7	12.0	18.0



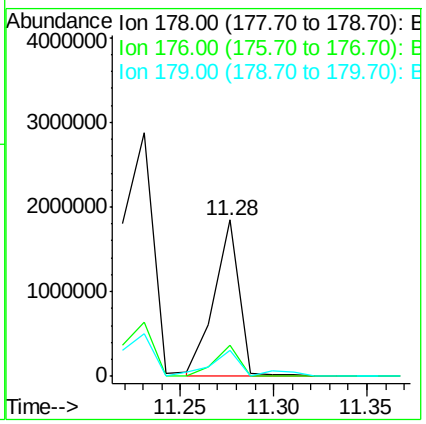


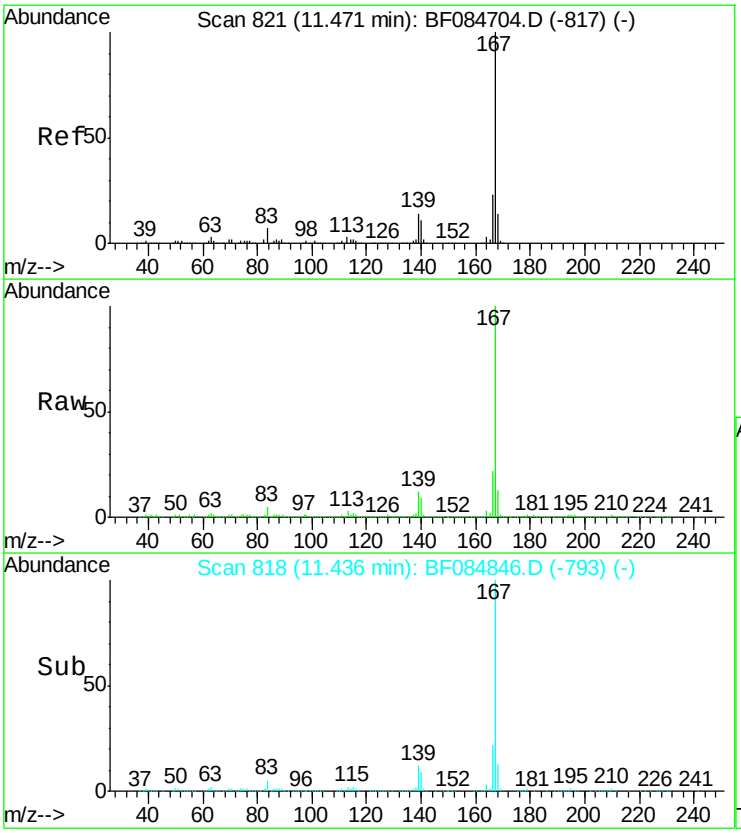
#71
Anthracene
Concen: 78.18 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:178 Resp: 1728842

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	16.3	12.5	18.7

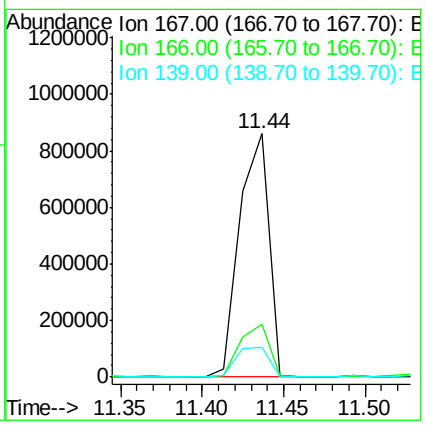


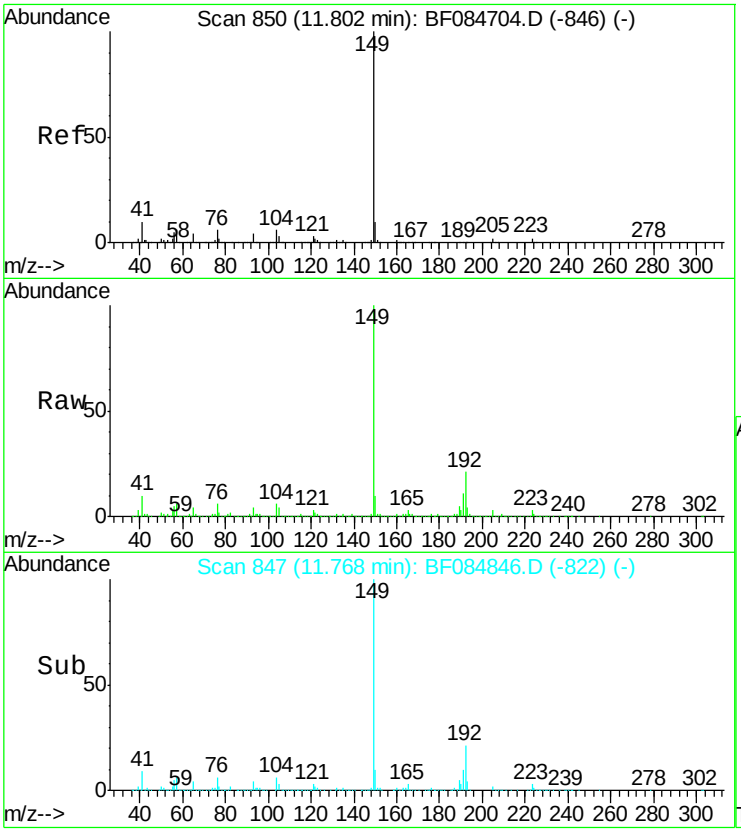


#72
Carbazole
Concen: 55.28 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:167 Resp: 1066031

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.3	11.8	17.8



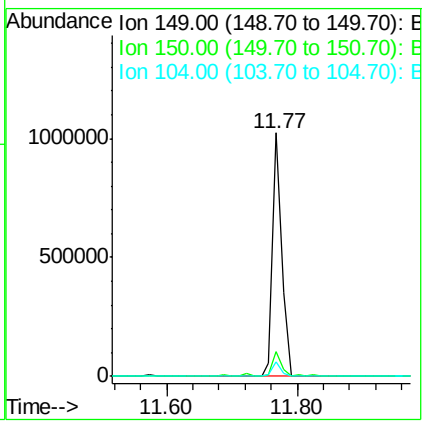


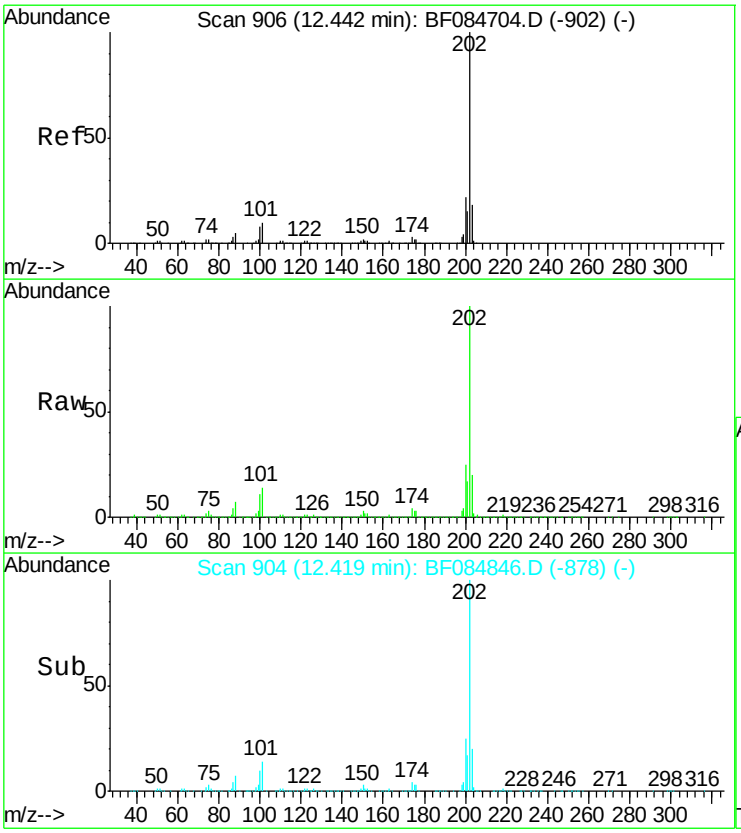
#73
Di-n-butylphthalate
Concen: 40.43 ng
RT: 11.77 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:149 Resp: 992577

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.1	10.7
104	5.8	3.2	4.8#

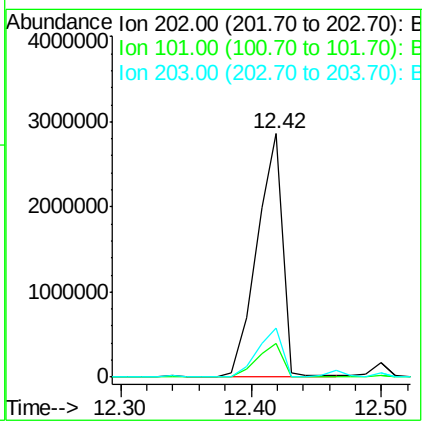


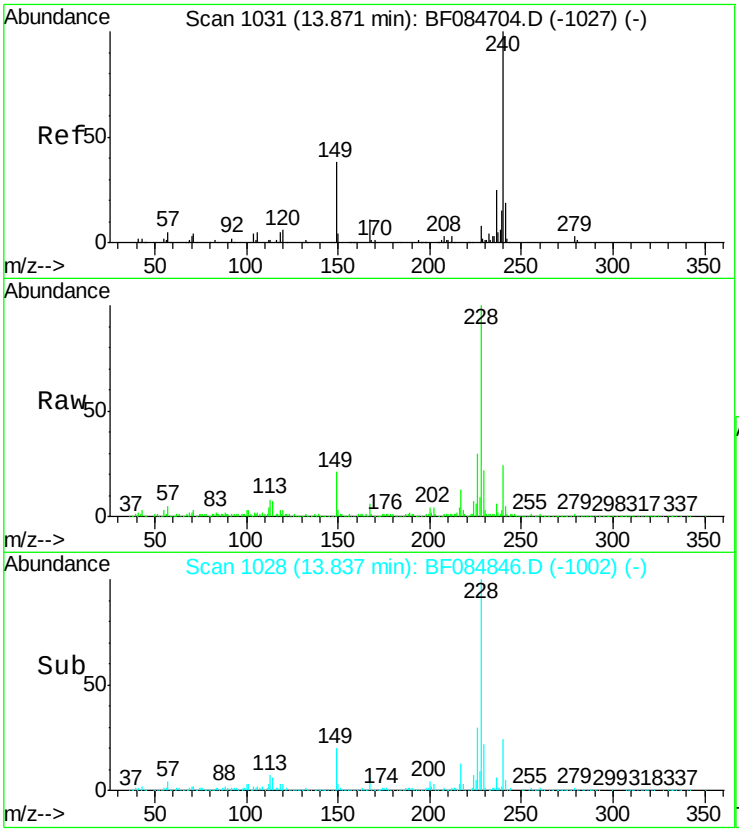


#74
Fluoranthene
Concen: 173.39 ng
RT: 12.42 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:202 Resp: 3851408

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	32.8
203	20.3	0.0	37.9



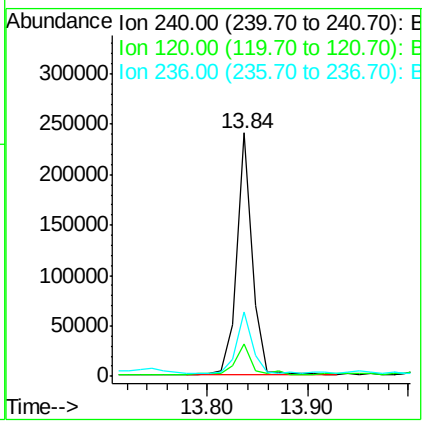


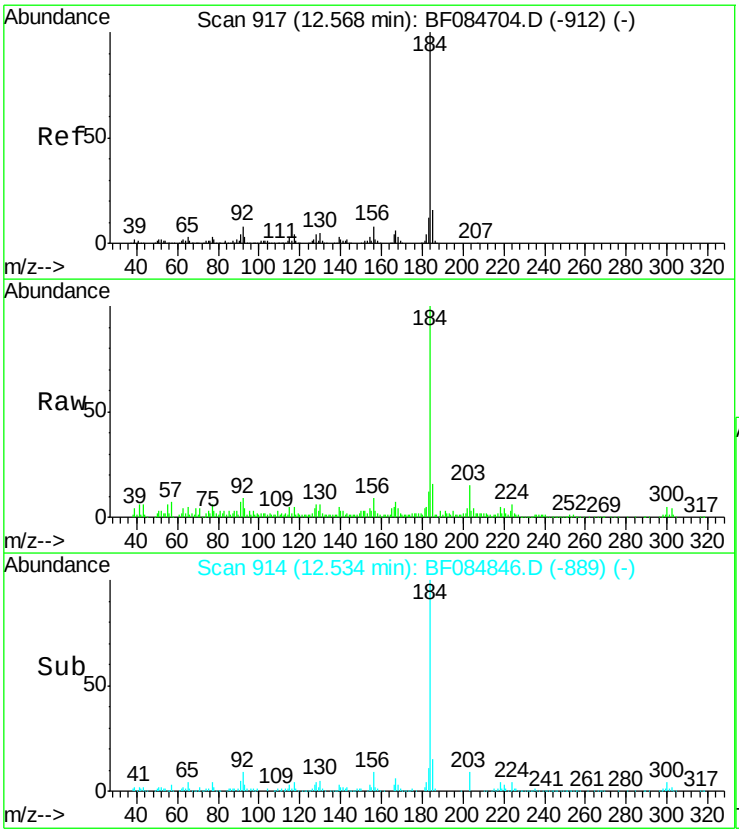
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:240 Resp: 258016

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	26.4	20.6	31.0

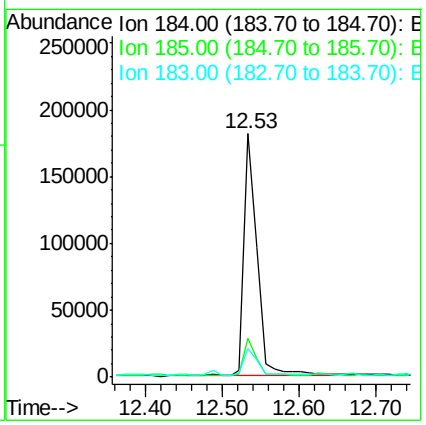


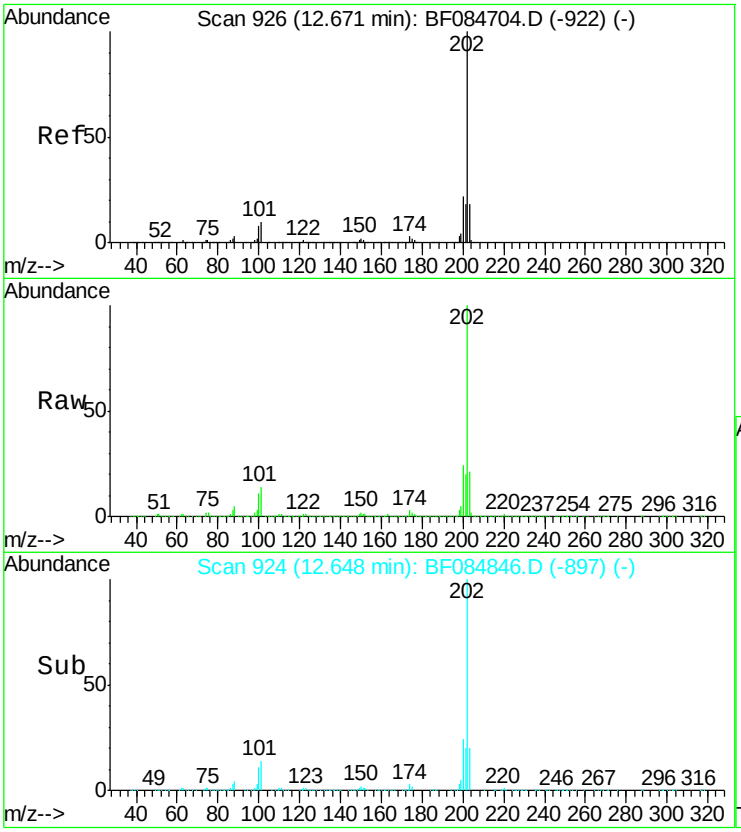


#76
Benzidine
Concen: 24.23 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:184 Resp: 213483

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.2
183	11.7	9.8	14.8



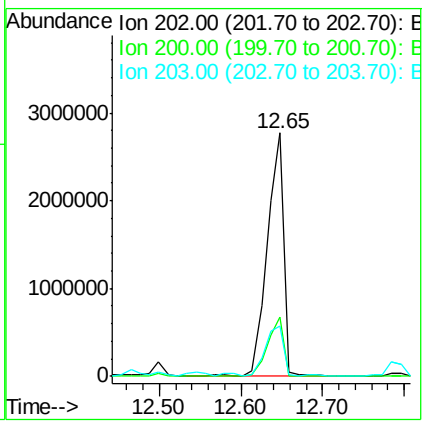


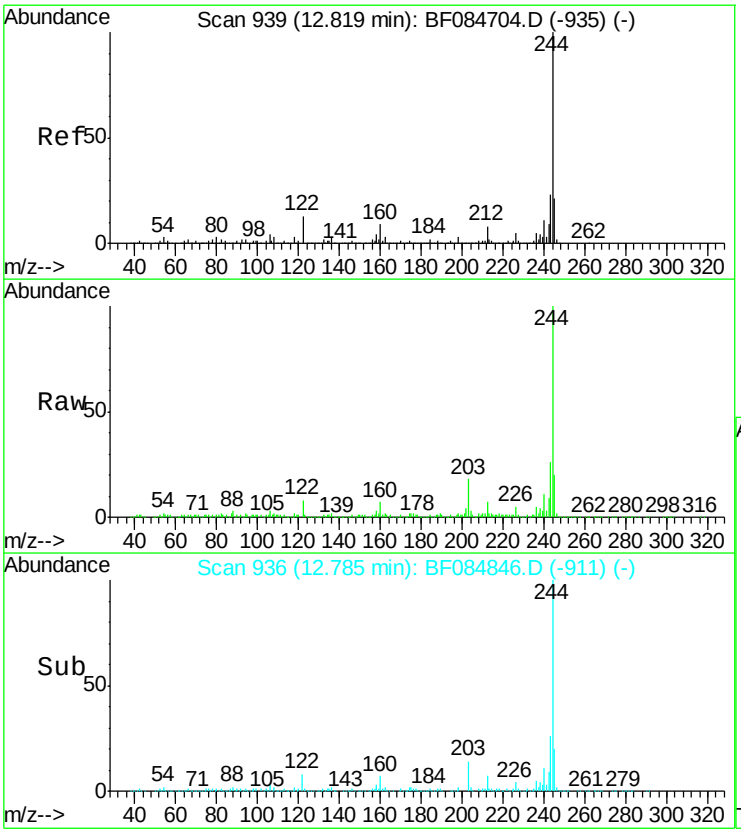
#77
Pyrene
Concen: 198.34 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:202 Resp: 3918189

Ion	Ratio	Lower	Upper
202	100		
200	24.3	17.2	25.8
203	20.6	14.3	21.5

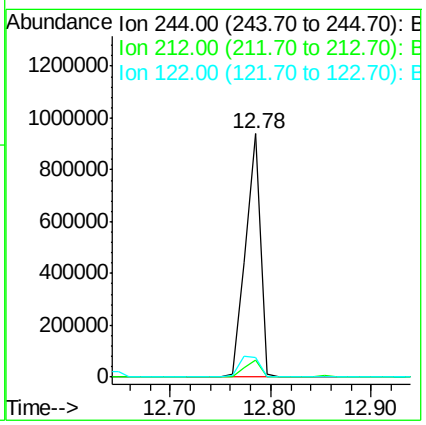


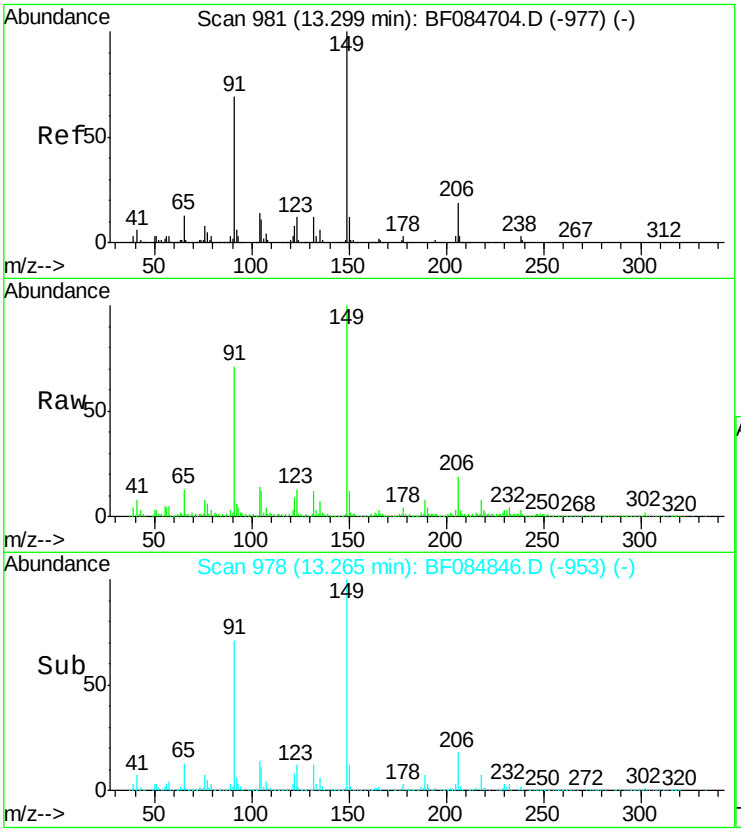


#78
Terphenyl-d14
Concen: 85.16 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:244 Resp: 969640

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.3	7.4	11.0



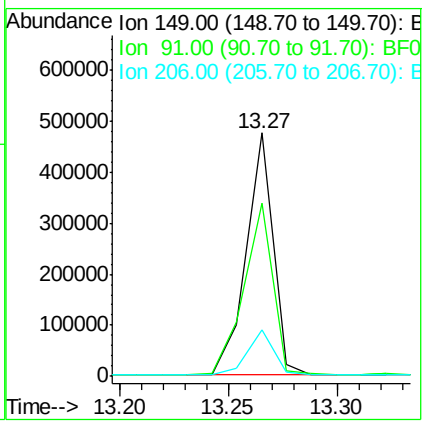


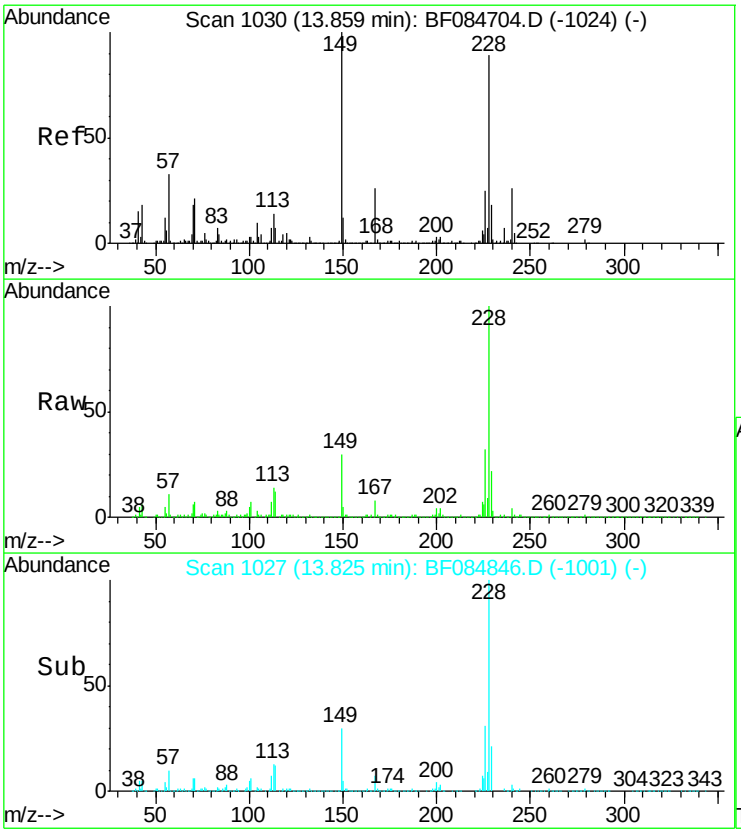
#79
Butylbenzylphthalate
Concen: 45.56 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:149 Resp: 408276

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.6	86.4
206	18.9	13.2	19.8

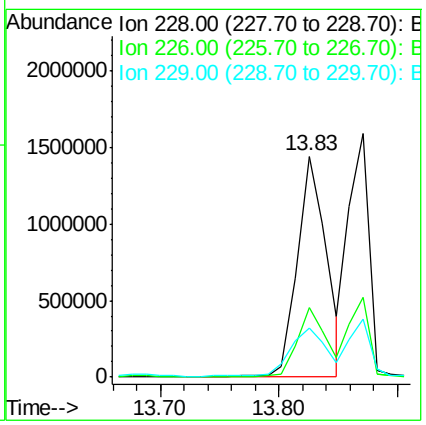


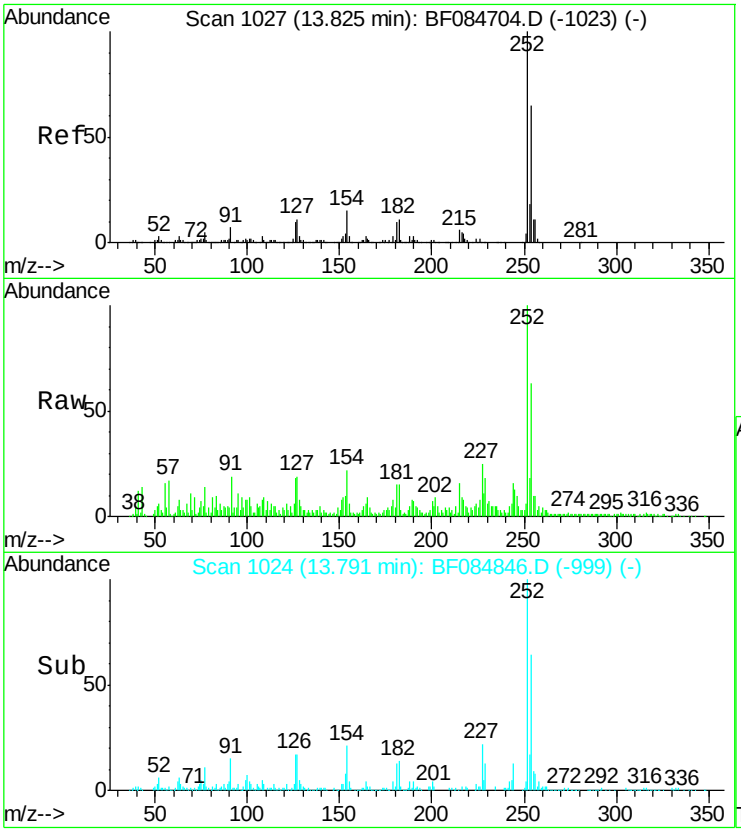


#80
Benzo(a)anthracene
Concen: 152.84 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:228 Resp: 2447638

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.8	32.6
229	22.3	15.8	23.8



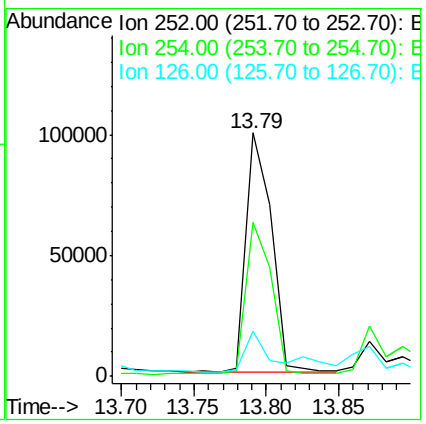


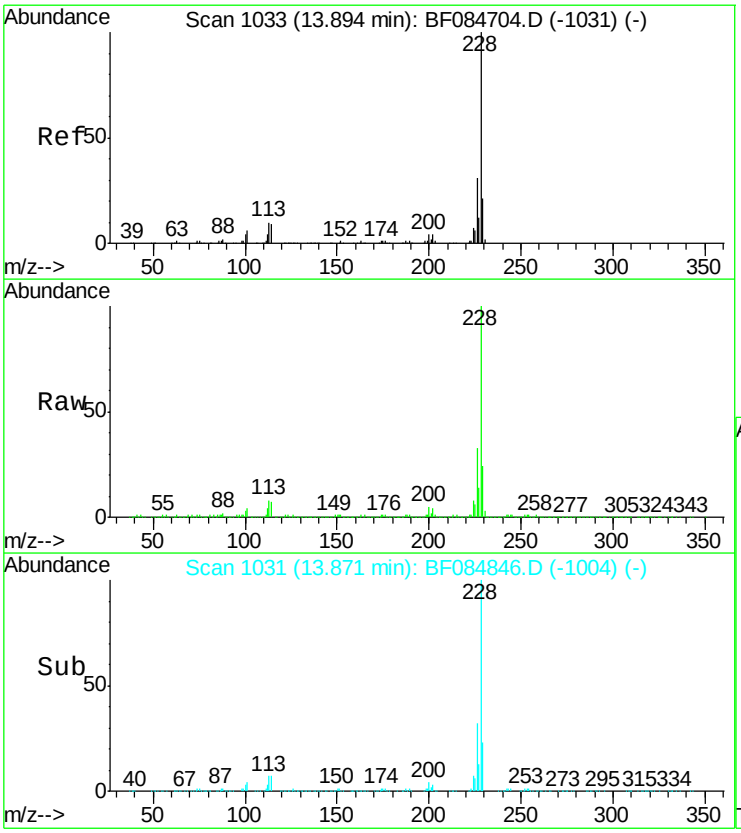
#81
3,3'-Dichlorobenzidine
Concen: 21.18 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:252 Resp: 120085

Ion	Ratio	Lower	Upper
252	100		
254	63.3	53.5	80.3
126	18.4	4.9	7.3#

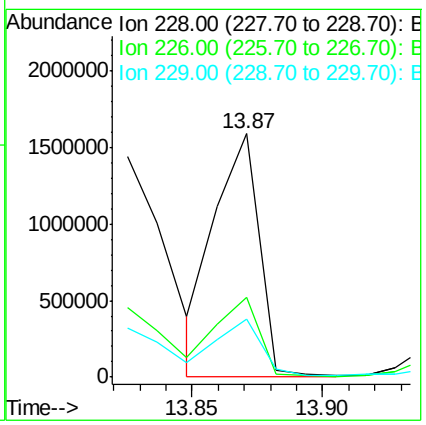


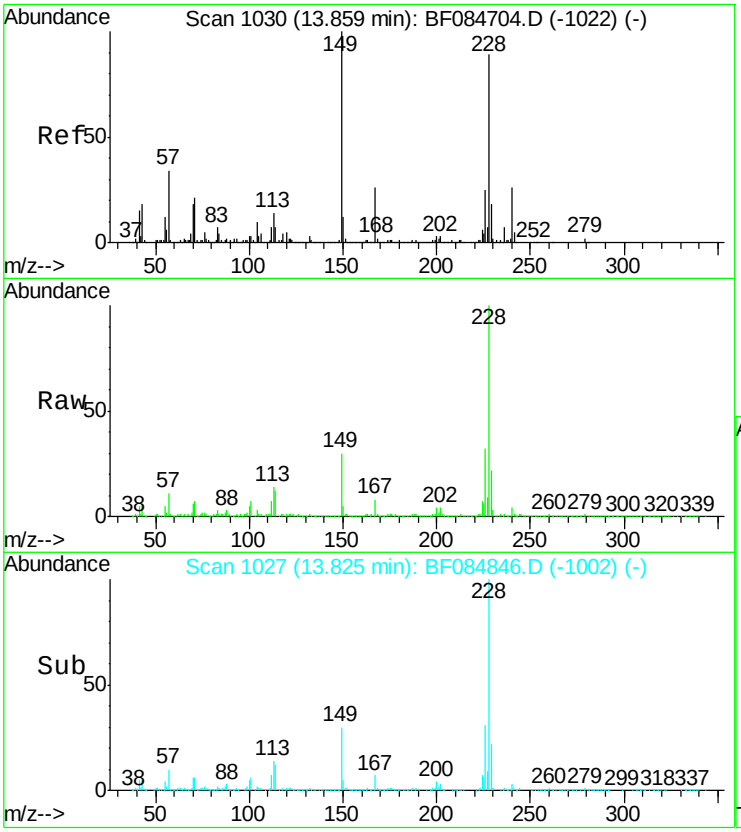


#82
Chrysene
Concen: 121.39 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:228 Resp: 1885109

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.3	36.5
229	23.7	16.1	24.1



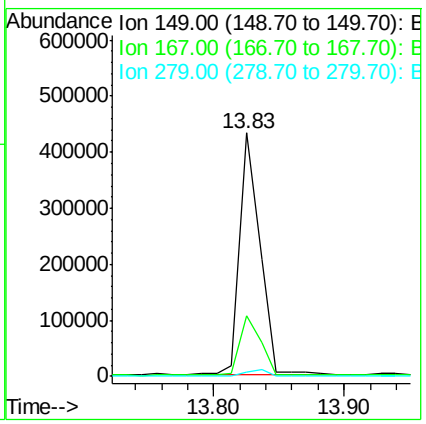


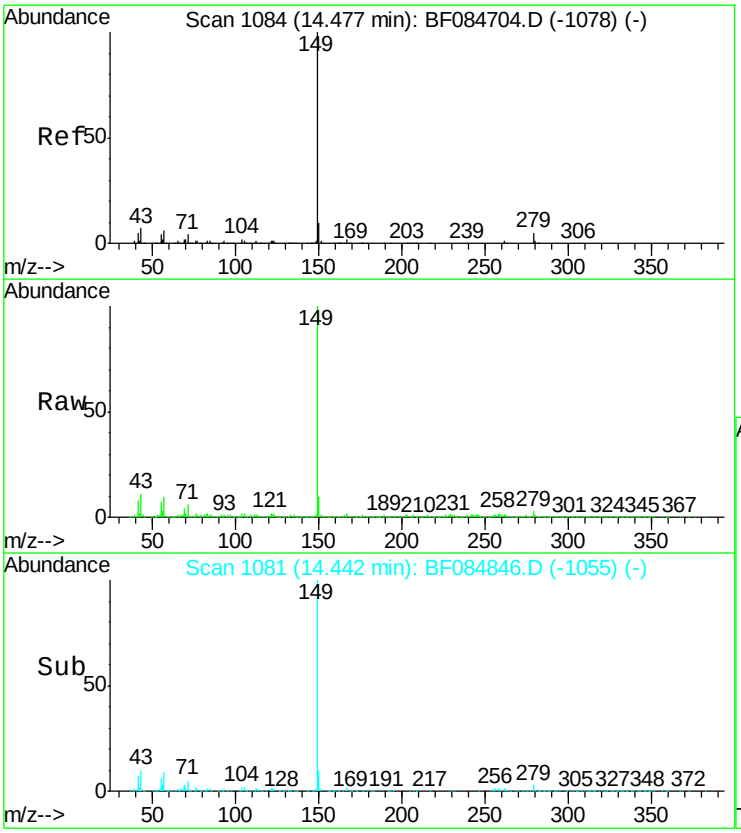
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.31 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:149 Resp: 460660

Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.7	29.5
279	2.0	1.8	2.6

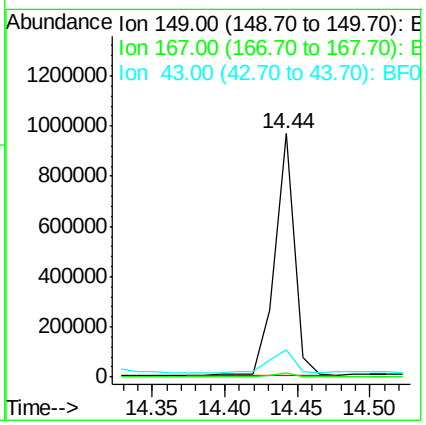


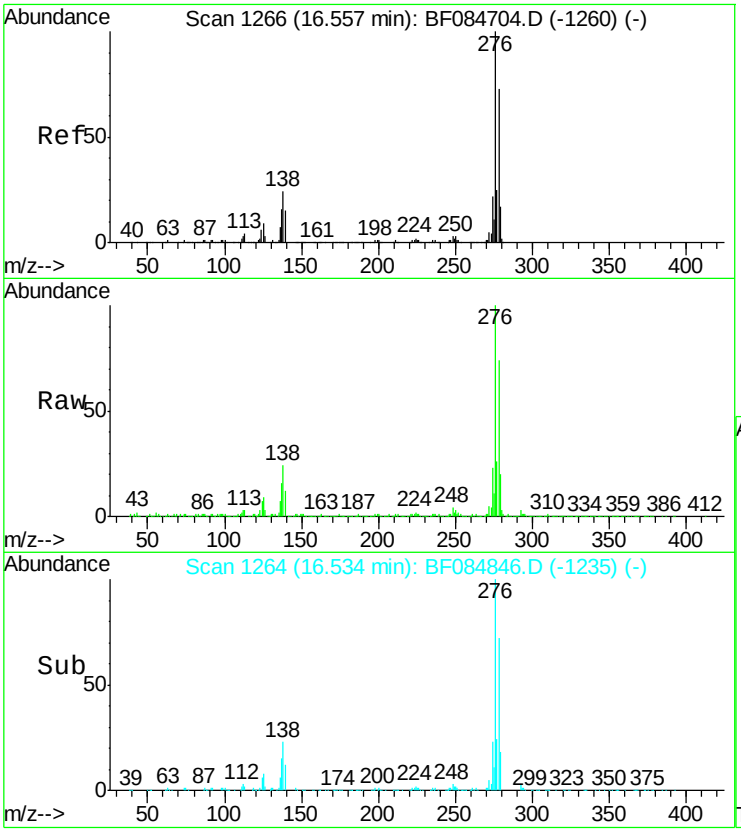


#84
Di-n-octyl phthalate
Concen: 49.15 ng
RT: 14.44 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:149 Resp: 904327

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	12.4	5.6	8.4#



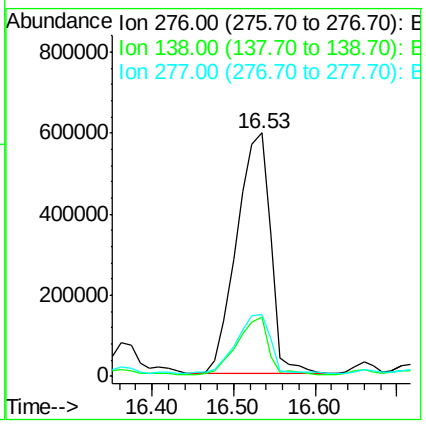


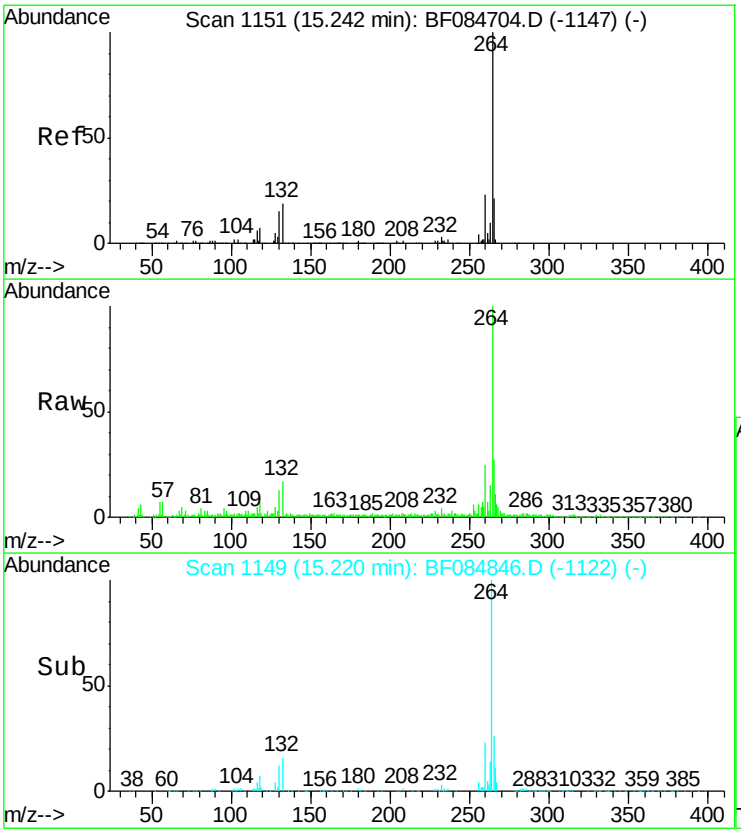
#85
Indeno(1,2,3-cd)pyrene
Concen: 139.98 ng
RT: 16.53 min Scan# 1264
Delta R.T. 0.03 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:276 Resp: 1711013

Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.6	30.8
277	24.8	20.1	30.1

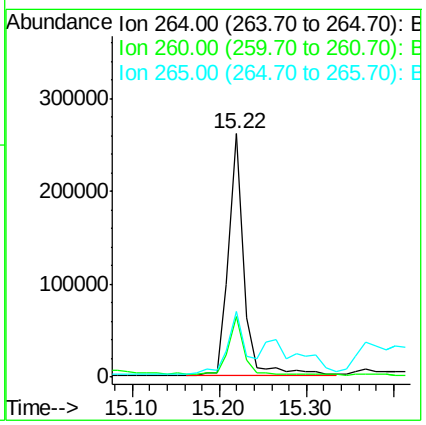


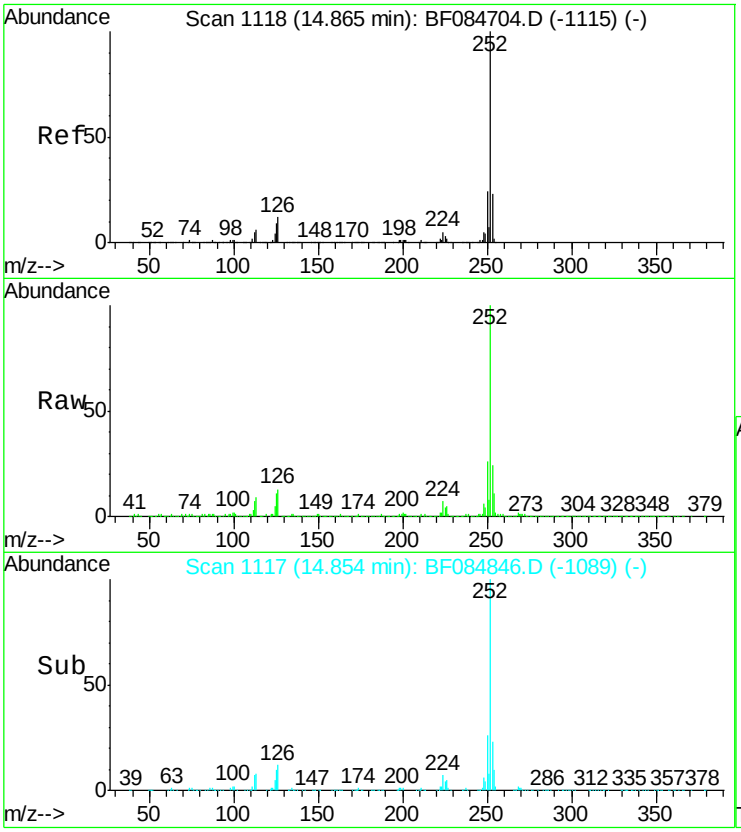


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:264 Resp: 323148

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	26.9	17.8	26.6#



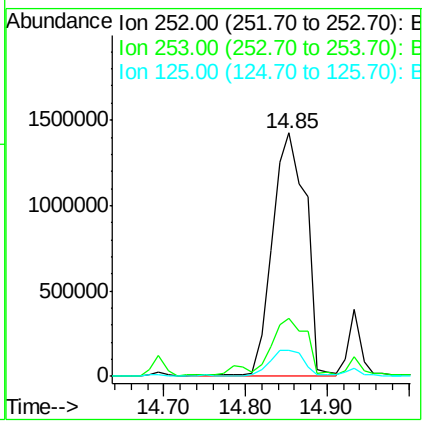


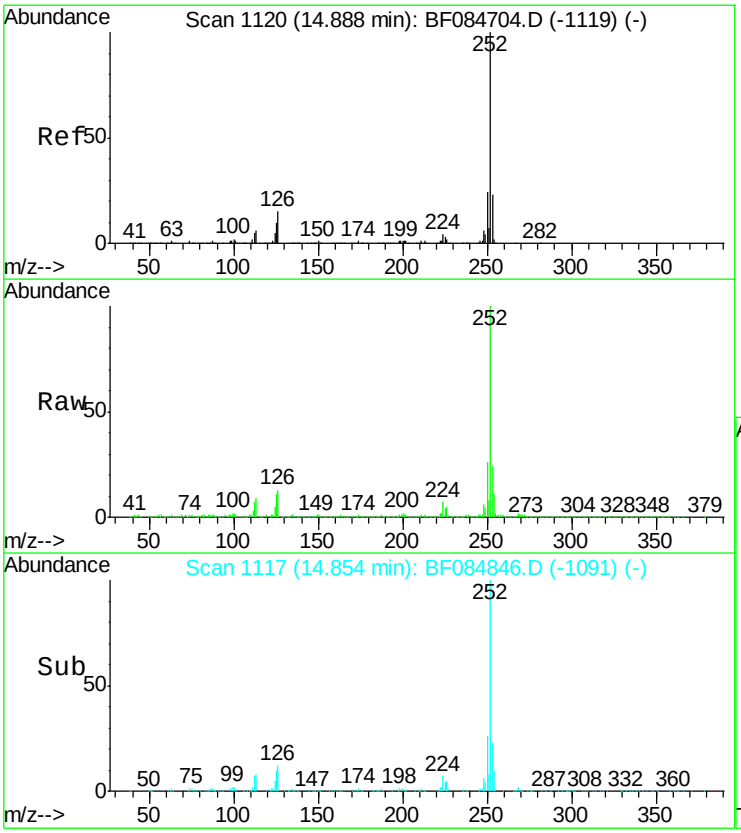
#87
Benzo(b)fluoranthene
Concen: 186.57 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:252 Resp: 4050760

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	10.7	6.5	9.7#

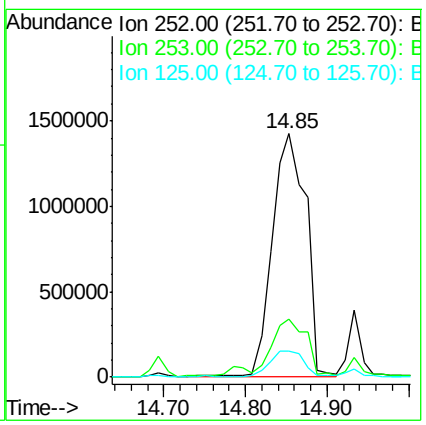


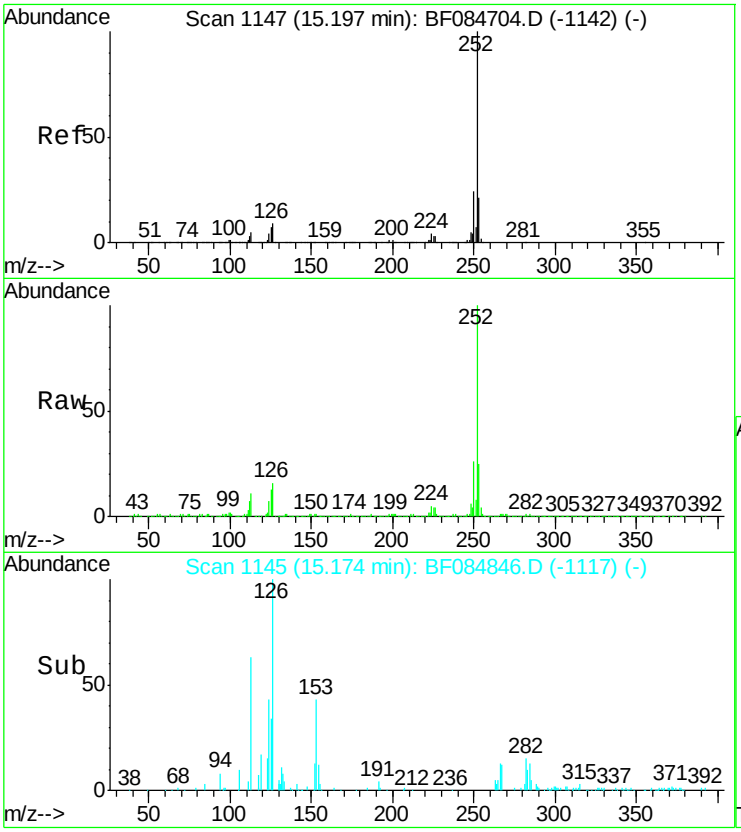


#88
Benzo(k)fluoranthene
Concen: 225.64 ng
RT: 14.85 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:252 Resp: 4050760

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	10.7	9.0	13.6



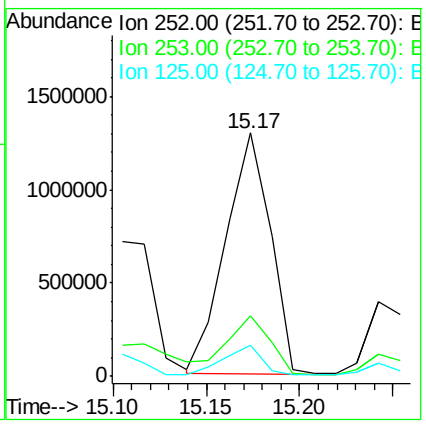


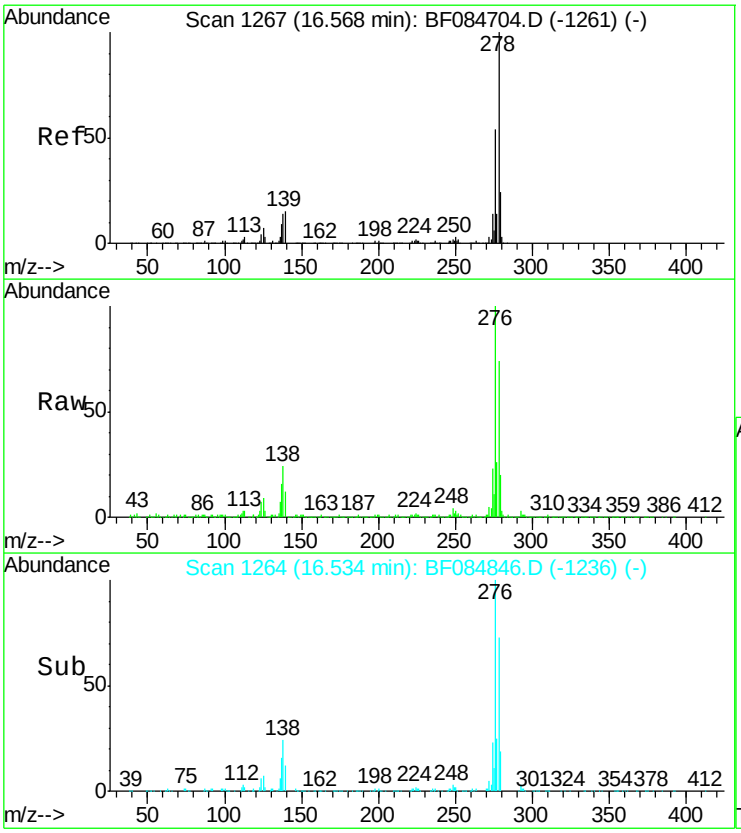
#89
Benzo(a)pyrene
Concen: 117.66 ng
RT: 15.17 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:252 Resp: 2176737

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	12.6	7.0	10.4#

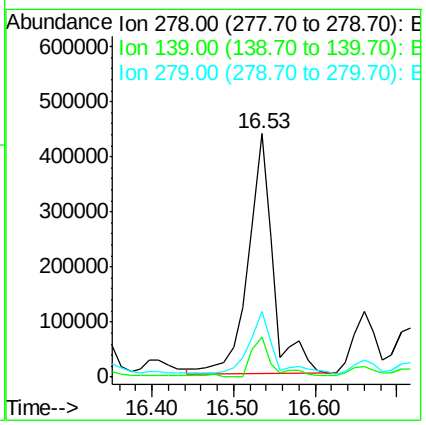


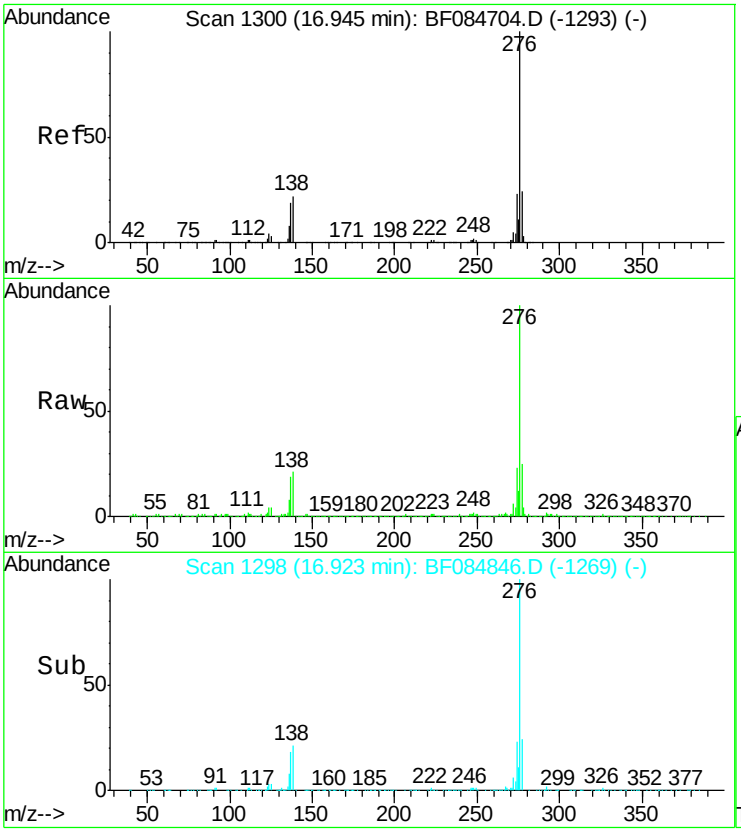


#90
Dibenzo(a,h)anthracene
Concen: 58.62 ng
RT: 16.53 min Scan# 1264
Delta R.T. 0.02 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Tgt Ion:278 Resp: 912914

Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.0	22.4
279	27.0	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 100.95 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.03 min
Lab File: BF084846.D
Acq: 4 Feb 2016 23:28

Instrument :
BNA_F
ClientSampleId :
S4-B019(11-13)MSD

Tgt Ion:276 Resp: 1583686

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	21.2	17.8	26.6