Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

Quant Time: Oct 05 01:45:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	65521	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	141173	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	28564	20.00	ng	0.02
63) Phenanthrene-d10	11.46	188	8622	20.00	ng	0.00
75) Chrysene-d12	14.20	240	215959	20.00	ng	0.08
86) Perylene-d12	15.60	264	204001	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	532387	147.50	ng	-0.04
7) Phenol-d6	6.51	99	638968	140.69	ng	-0.05
23) Nitrobenzene-d5	7.47	82	281585	132.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	35888	124.06	ng	0.03
44) 2-Fluorobiphenyl	9.33	172	224977	156.65	ng	0.02
78) Terphenyl-d14	13.18	244	542253	79.71	ng	0.13
Target Compounds						Qvalue
6) Aniline	6.58	93	14942	2.45	ng	# 1
9) Benzaldehyde	6.42	77	218197	73.36	ng	# 1
10) Phenol	6.57	94	11552	2.27	ng	# 1
11) bis(2-Chloroethyl)ether	6.58	93	15027	3.80	ng	# 1
15) Benzyl Alcohol	6.97	79	259010	79.00	ng	# 1
17) 2-Methylphenol	7.19	107	13405	4.15	ng	# 1
18) Hexachloroethane	7.49	117	1143791	743.18	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	299930	108.65	ng	# 72
20) 3+4-Methylphenols	7.23	107	22207	5.44	ng	# 1
22) Acetophenone	7.23	105	4963920	1719.74	ng	# 54
24) Nitrobenzene	7.45	77	306462	133.27	ng	# 39
25) Isophorone	7.75	82	263592	62.80	ng	# 1
26) 2-Nitrophenol	7.73	139	5453	4.94	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	24018	12.37	ng	# 1
28) bis(2-Chloroethoxy)methane	8.05	93	16820	6.75	ng	# 1
29) 2,4-Dichlorophenol	8.17	162	553749	294.08	ng	# 36
30) 1,2,4-Trichlorobenzene	8.18	180	31513	14.99	ng	# 1
31) Naphthalene	8.25	128	1339810	214.18	ng	# 81
32) Benzoic acid	8.08	122	12696	16.60	ng	# 1
33) 4-Chloroaniline	8.30	127	595225	220.05	ng	# 49
35) Caprolactam	8.69	113	389415	747.03	ng	# 1
36) 4-Chloro-3-methylphenol	8.78	107	117320	63.72	ng	# 34
37) 2-Methylnaphthalene	9.04	142	8100089	1896.99	ng	# 89
42) 2,4,6-Trichlorophenol	9.30	196	3783	6.29	ng	# 24
43) 2,4,5-Trichlorophenol	9.30	196	3783	6.12	ng	# 1
45) 1,1'-Biphenyl	9.42	154	565199	256.48	ng	91
46) 2-Chloronaphthalene	9.60	162	100277	57.95	ng	# 1
47) 2-Nitroaniline	9.57	65	64098	126.19	ng	# 34
48) Acenaphthylene	9.87	152	163934	59.19	ng	# 1
49) Dimethylphthalate	9.73	163	22622	11.47	ng	# 19
50) 2,6-Dinitrotoluene	9.86	165	20377	47.60	ng	# 27
51) Acenaphthene	9.97	154	13632	8.29	ng	# 30
52) 3-Nitroaniline	9.99	138	8794	17.76	ng	# 78
53) 2,4-Dinitrophenol	10.08	184	7709	49.96	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 016-TB-13(4-8)

Quant Time: Oct 05 01:45:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Dibenzofuran	10.23	168	214978	92.50	ng	#	1
55) 4-Nitrophenol	10.13	139	248485	694.42	ng	#	32
56) 2,4-Dinitrotoluene	10.07	165	491415	900.53	ng	#	61
57) Fluorene	10.57	166	131323	80.70	ng	#	1
58) 2,3,4,6-Tetrachlorophenol	10.40	232	14751	30.08	ng	#	1
59) Diethylphthalate	10.40	149	37955	20.61	ng	#	1
60) 4-Chlorophenyl-phenylether	10.57	204	17257	20.28	ng	#	1
61) 4-Nitroaniline	10.56	138	16008	32.24	ng	#	1
62) Azobenzene	10.69	77	47698	26.54	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.56	198	6140	117.99	ng	#	1
65) n-Nitrosodiphenylamine	10.61	169	220312	844.54	ng	#	48
66) 4-Bromophenyl-phenylether	10.95	248	5133	59.04	ng	#	1
68) Atrazine	11.15	200	15927	196.77	ng	#	1
69) Pentachlorophenol	11.21	266	11726	209.76	ng	#	51
70) Phenanthrene	11.50	178	487864	1219.26	ng	#	89
71) Anthracene	11.50	178	487864	1113.26	ng	#	89
72) Carbazole	11.68	167	96818	244.11	ng	#	1
73) Di-n-butylphthalate	12.01	149	66718	168.85	ng	#	1
74) Fluoranthene	12.65	202	53059	114.88	ng	#	17
77) Pyrene	13.06	202	676462	52.43	ng	#	76
79) Butylbenzylphthalate	13.73	149	23869	4.92	ng	#	1
80) Benzo(a)anthracene	14.21	228	113026	9.72	ng	#	43
82) Chrysene	14.21	228	110526	8.35	ng	#	45

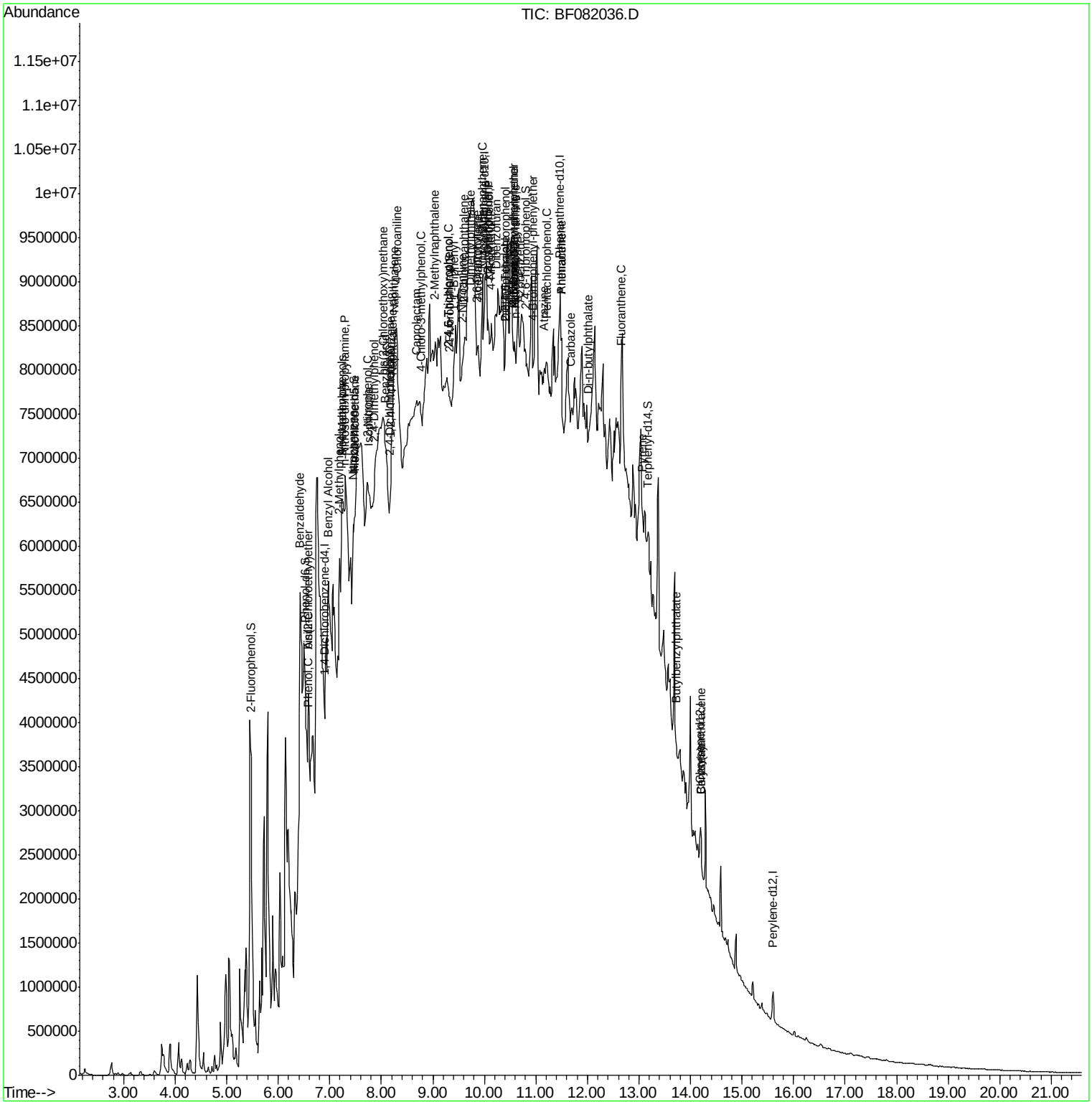
(#) = qualifier out of range (m) = manual integration (+) = signals summed

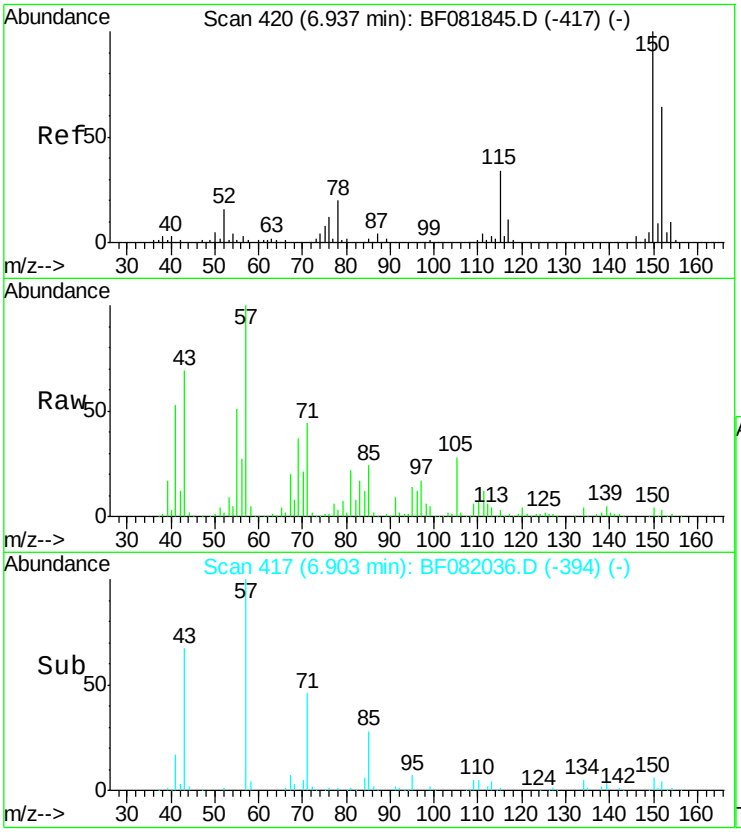
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
Data File : BF082036.D
Acq On : 3 Oct 2015 22:25
Operator : UM/IZ
Sample : G3846-16
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Quant Time: Oct 05 01:45:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration



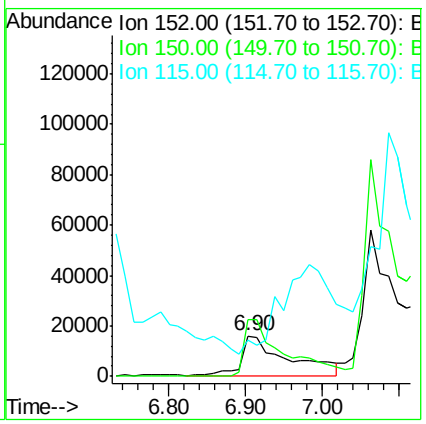


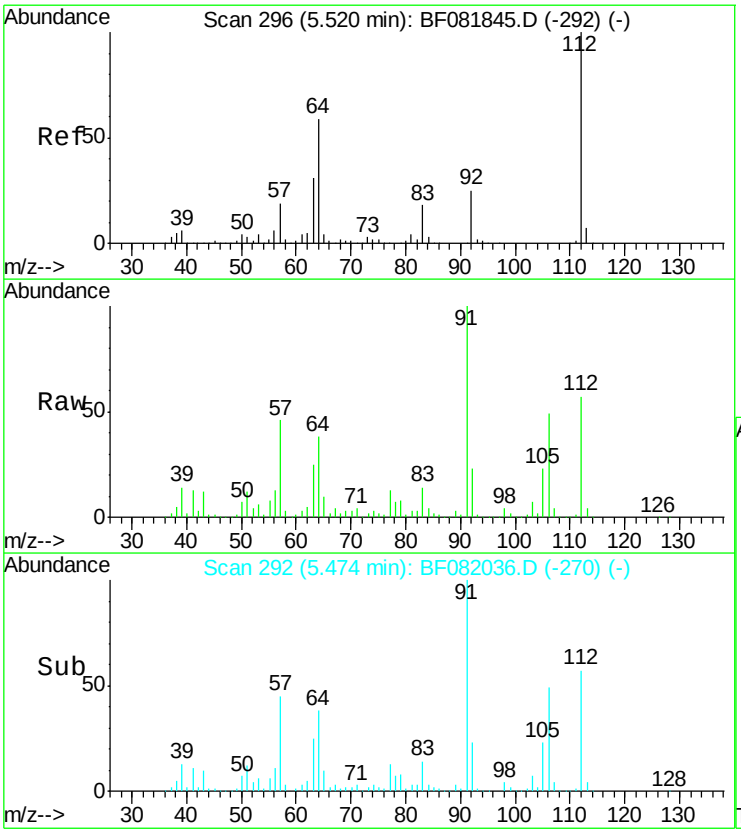
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:152 Resp: 65521

Ion	Ratio	Lower	Upper
152	100		
150	141.6	124.7	187.1
115	89.4	39.0	58.4#

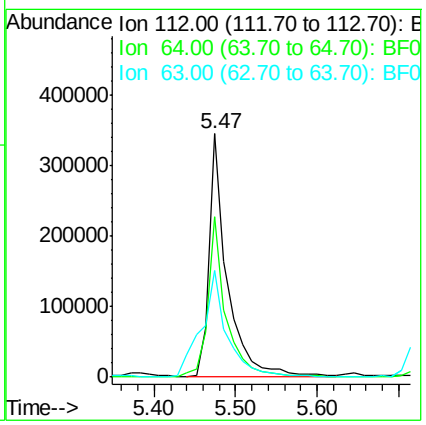


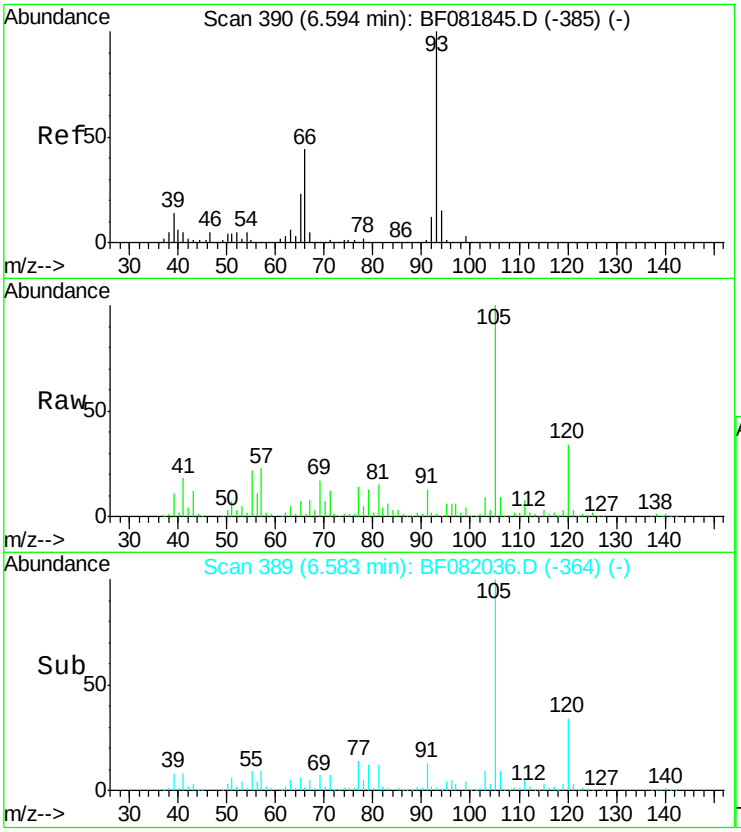


#5
2-Fluorophenol
Concen: 147.50 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.04 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:112 Resp: 532387

Ion	Ratio	Lower	Upper
112	100		
64	65.8	39.7	59.5#
63	43.9	17.4	26.0#



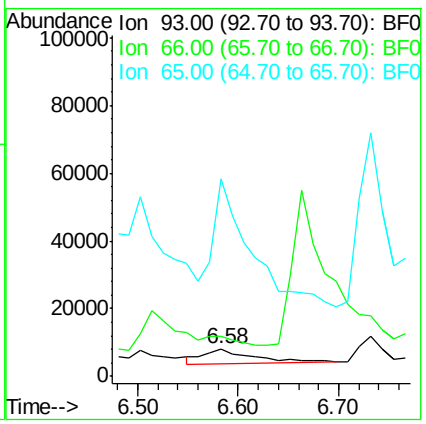


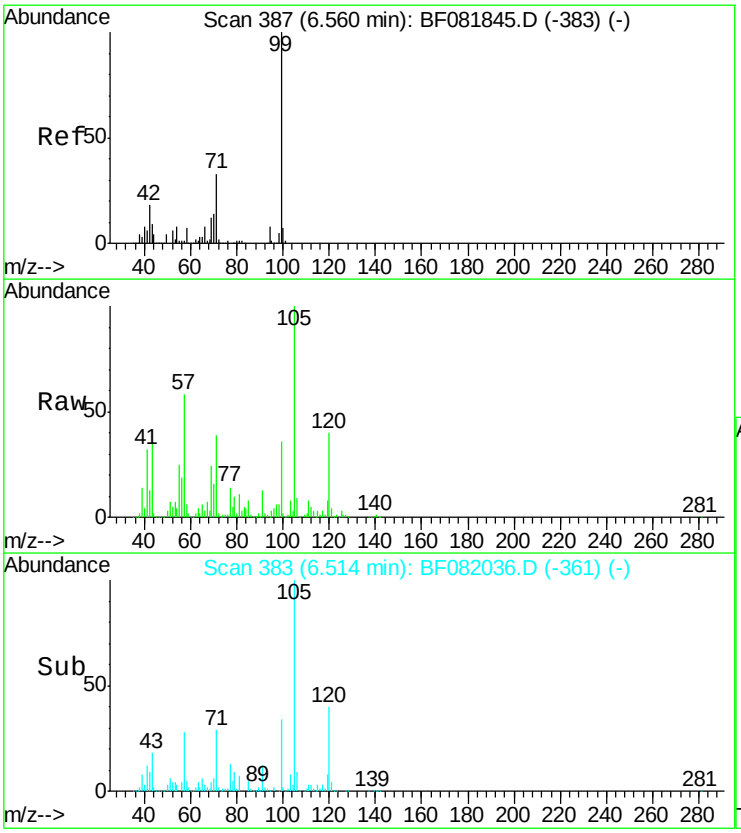
#6
Aniline
Concen: 2.45 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion: 93 Resp: 14942

Ion	Ratio	Lower	Upper
93	100		
66	147.4	27.2	40.8#
65	723.4	14.7	22.1#

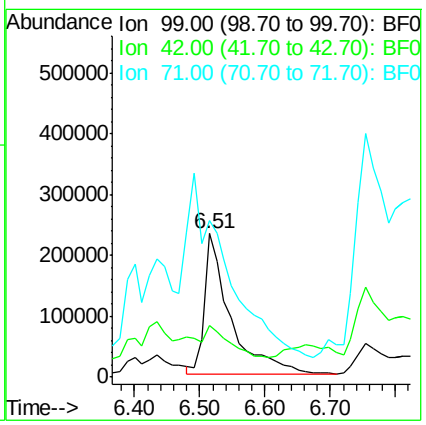


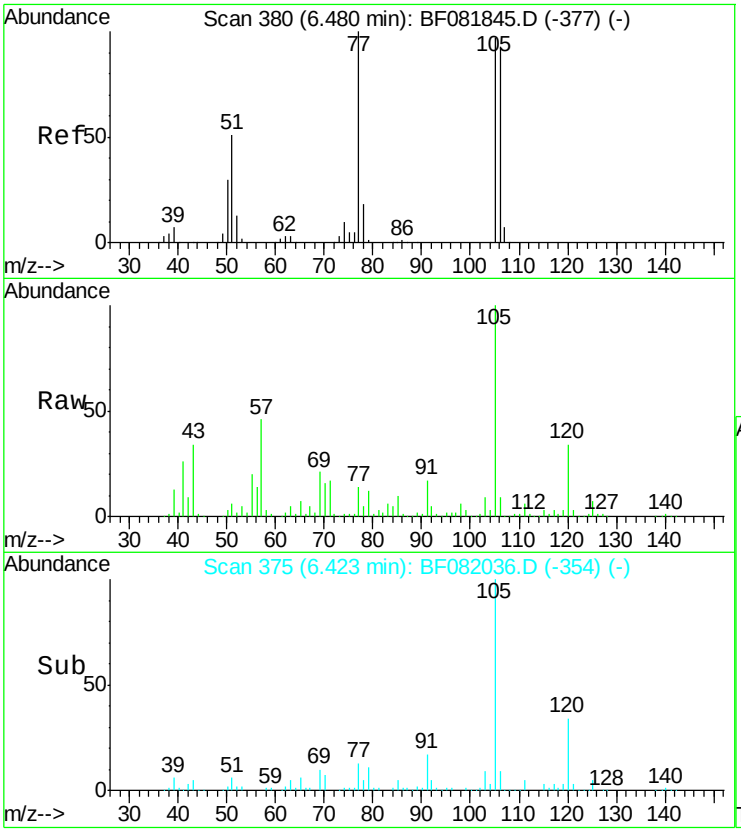


#7
Phenol-d6
Concen: 140.69 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion: 99 Resp: 638968

Ion	Ratio	Lower	Upper
99	100		
42	35.8	13.7	20.5#
71	109.3	14.2	21.2#



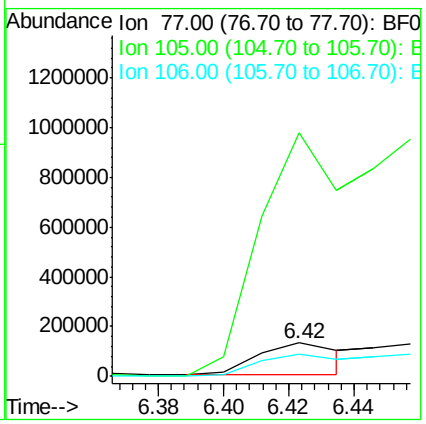


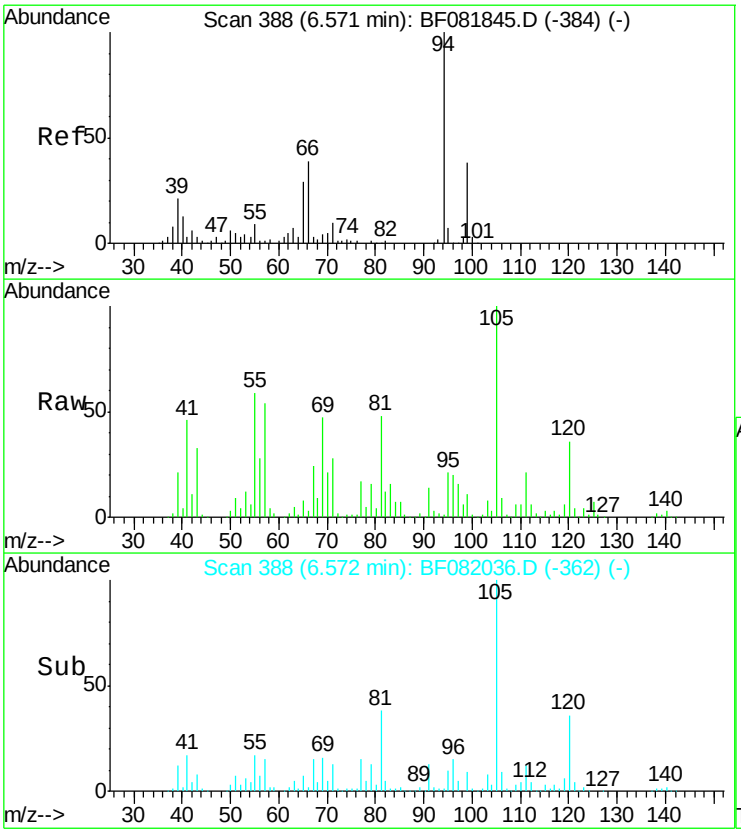
#9
Benzaldehyde
Concen: 73.36 ng
RT: 6.42 min Scan# 375
Delta R.T. -0.06 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion: 77 Resp: 218197

Ion	Ratio	Lower	Upper
77	100		
105	725.9	91.6	131.6#
106	66.7	102.6	142.6#

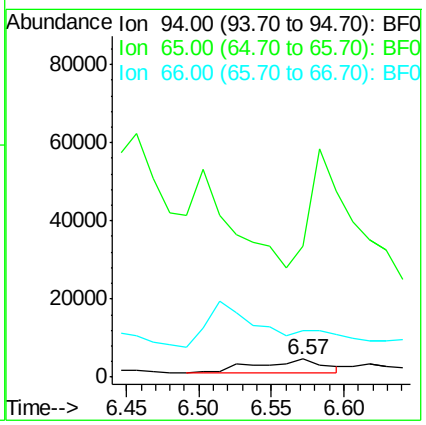


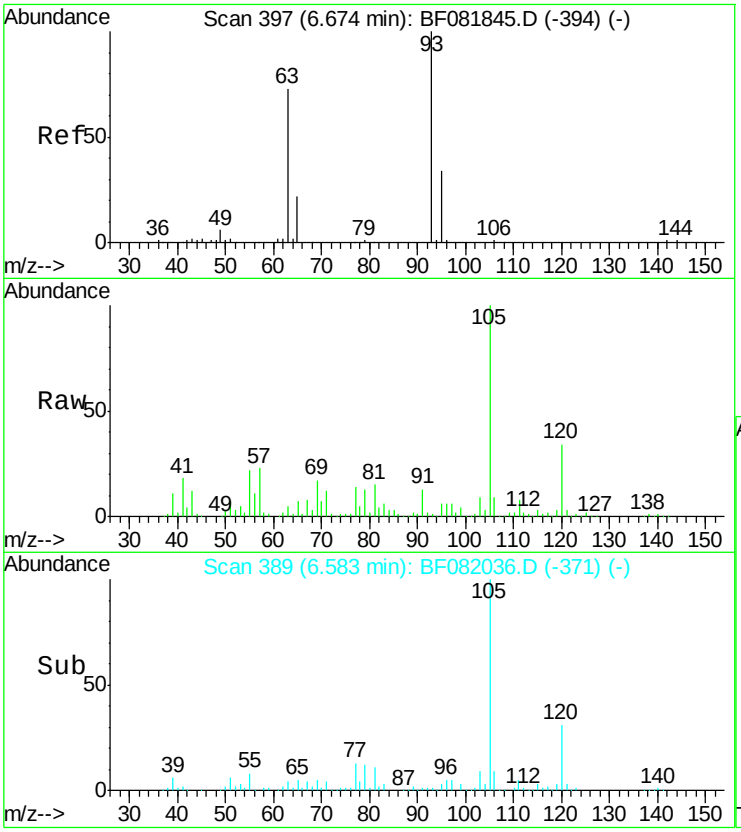


#10
Phenol
Concen: 2.27 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion: 94 Resp: 11552

Ion	Ratio	Lower	Upper
94	100		
65	732.1	0.7	40.7#
66	256.9	0.8	40.8#



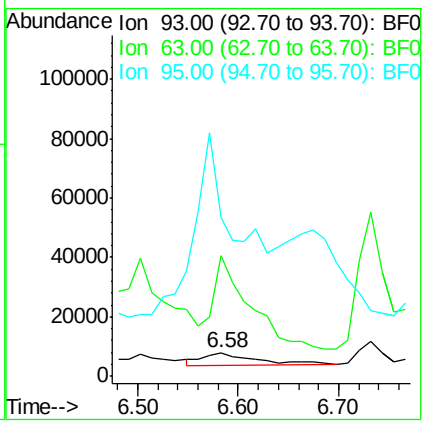


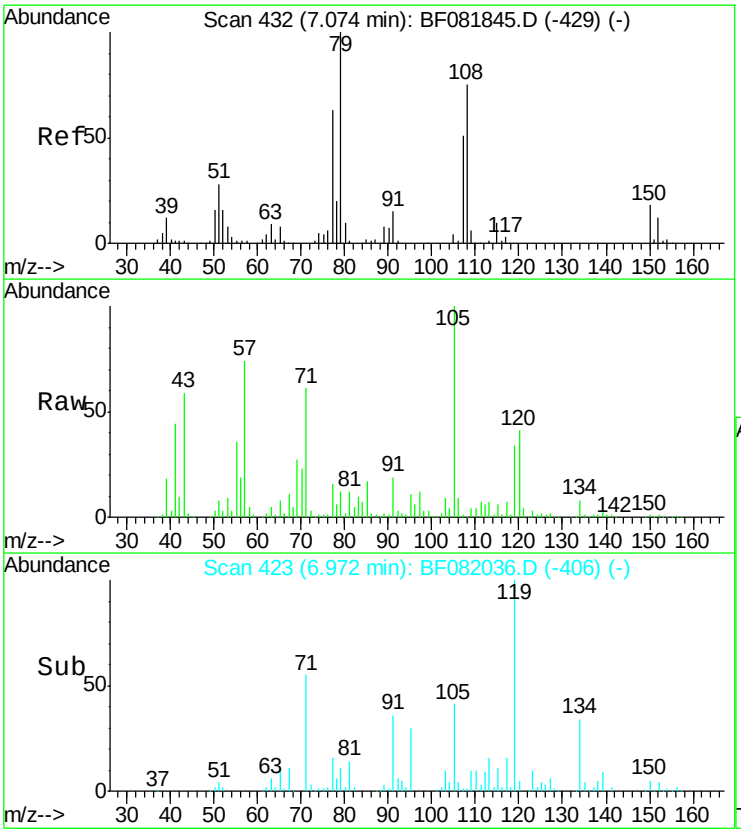
#11
bis(2-Chloroethyl)ether
Concen: 3.80 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.09 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion: 93 Resp: 15027

Ion	Ratio	Lower	Upper
93	100		
63	504.3	65.6	105.6#
95	666.2	13.6	53.6#

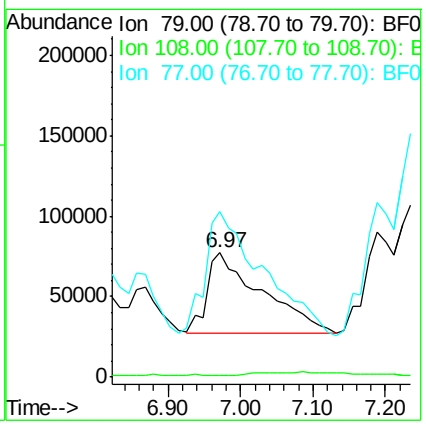


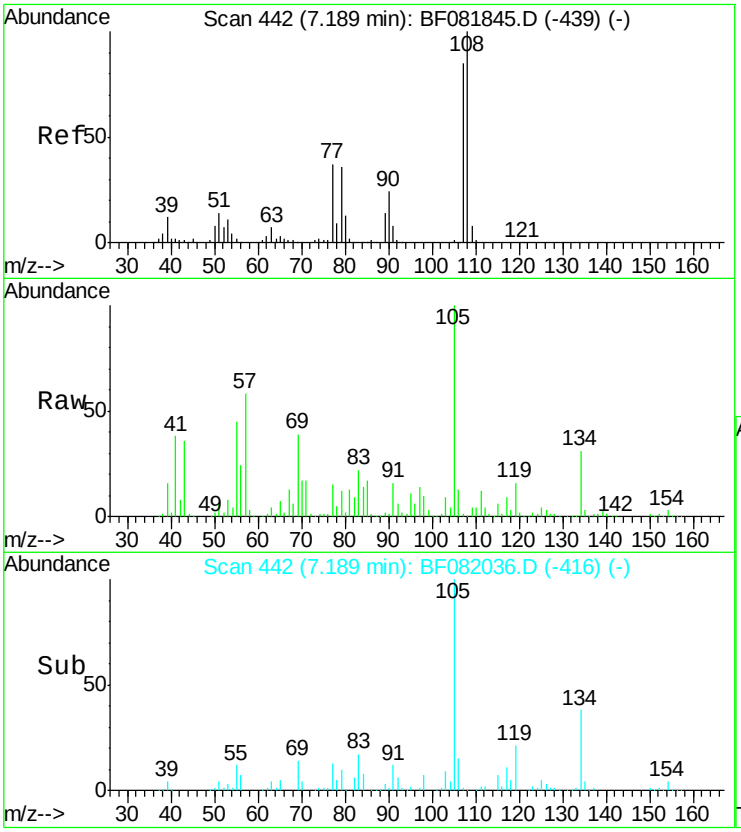


#15
Benzyl Alcohol
Concen: 79.00 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.10 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion: 79 Resp: 259010

Ion	Ratio	Lower	Upper
79	100		
108	1.6	88.6	132.8#
77	133.4	47.0	70.4#



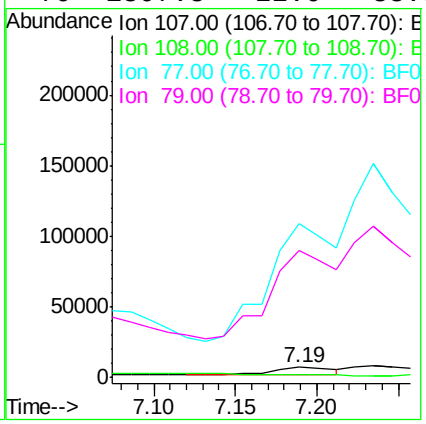


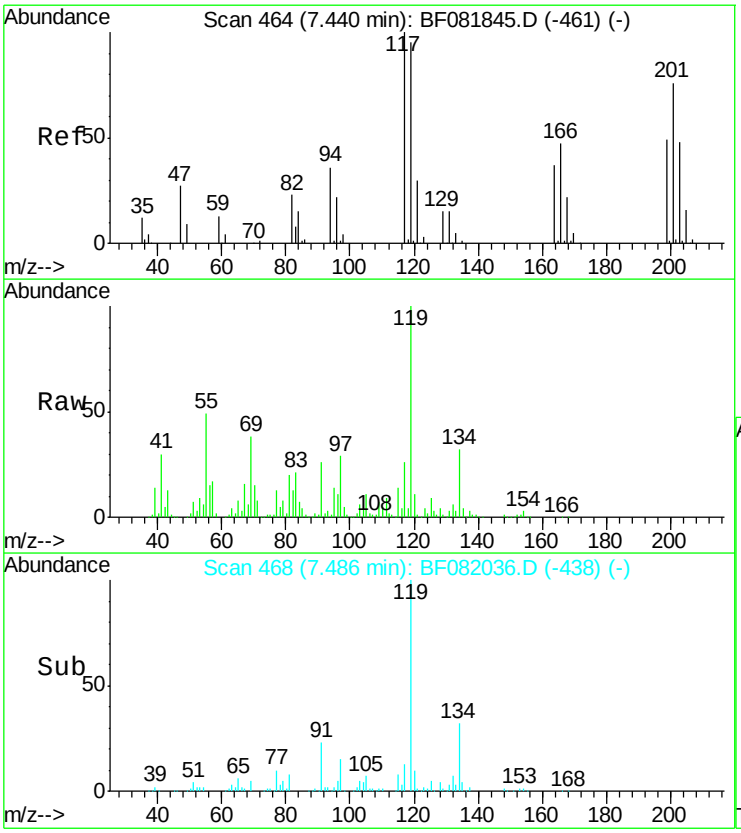
#17
2-Methylphenol
Concen: 4.15 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:107 Resp: 13405

Ion	Ratio	Lower	Upper
107	100		
108	24.2	96.6	145.0#
77	1582.7	23.3	34.9#
79	1307.8	22.0	33.0#

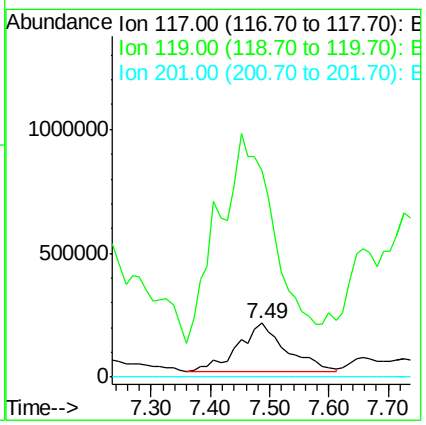


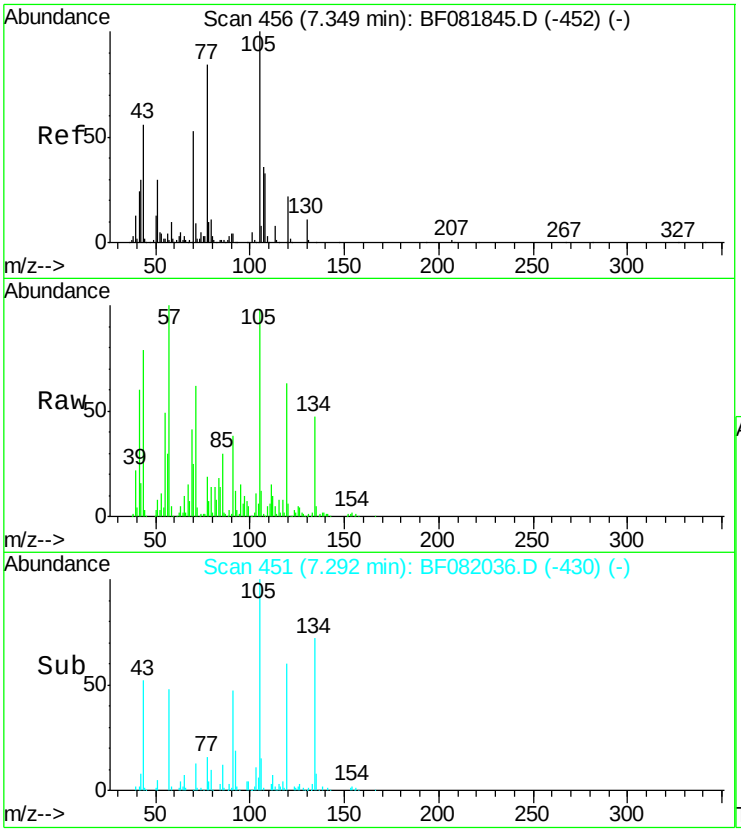


#18
Hexachloroethane
Concen: 743.18 ng
RT: 7.49 min Scan# 468
Delta R.T. 0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:117 Resp: 1143791

Ion	Ratio	Lower	Upper
117	100		
119	381.3	83.8	125.6#
201	0.0	55.1	82.7#



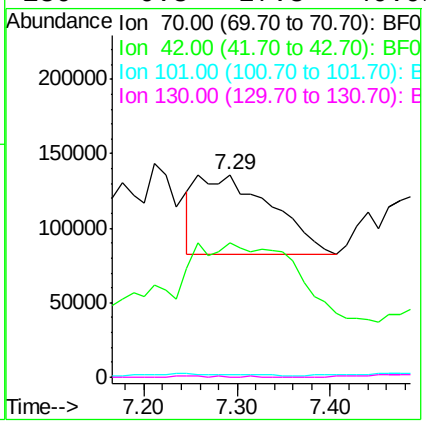


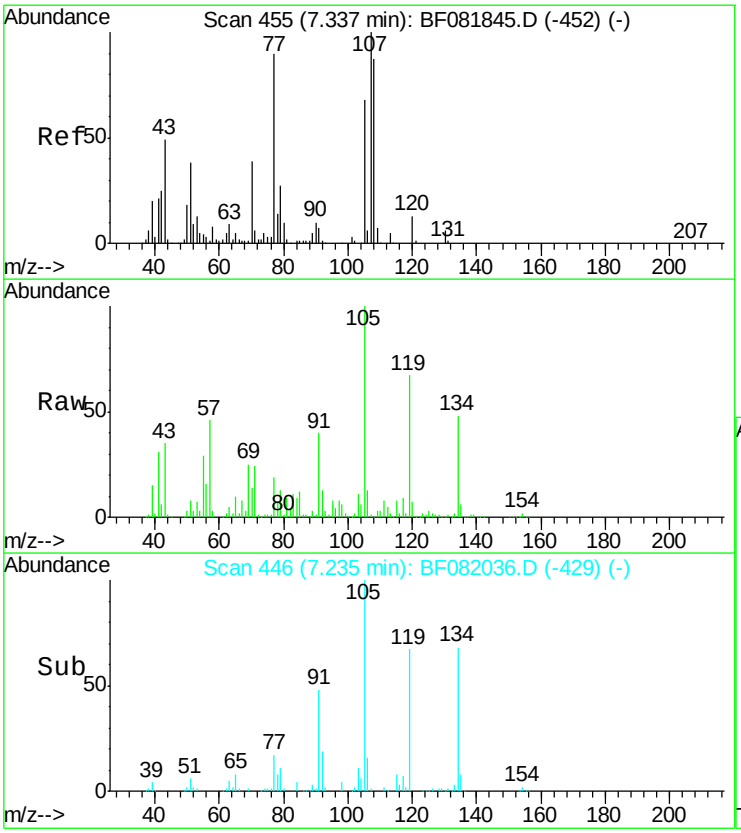
#19
n-Nitroso-di-n-propylamine
Concen: 108.65 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.06 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion: 70 Resp: 299930

Ion	Ratio	Lower	Upper
70	100		
42	66.6	63.8	95.6
101	1.3	9.2	13.8#
130	0.3	27.3	40.9#

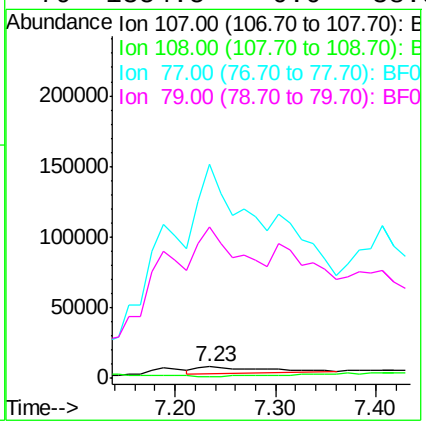


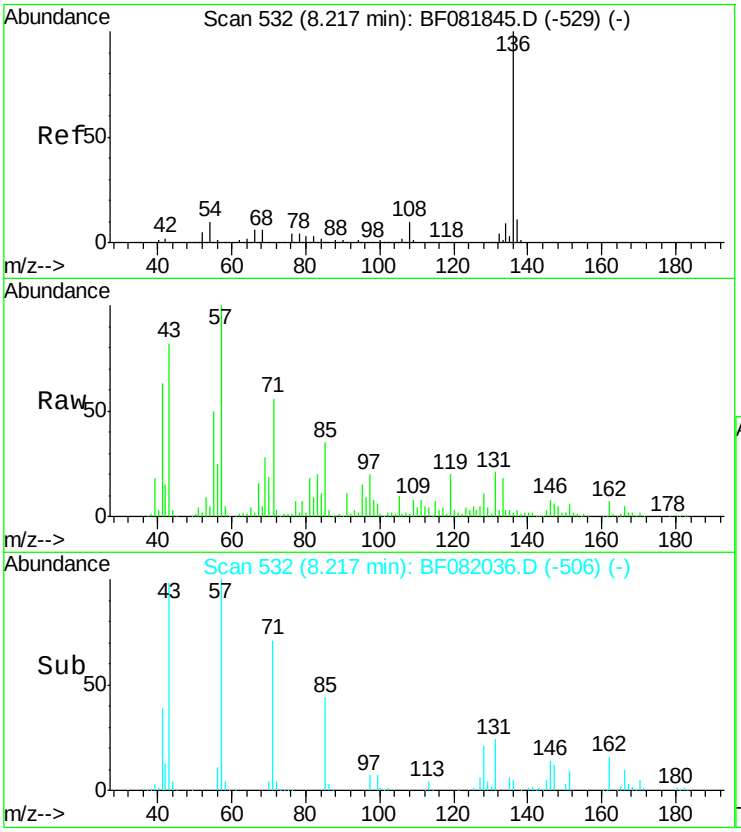


#20
3+4-Methylphenols
Concen: 5.44 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.10 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:107 Resp: 22207

Ion	Ratio	Lower	Upper
107	100		
108	13.7	74.6	114.6#
77	1912.3	0.7	40.7#
79	1354.5	0.0	38.9#



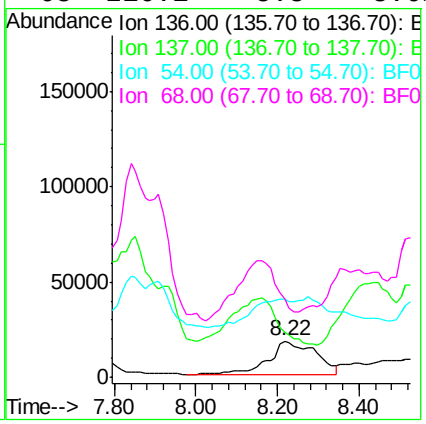


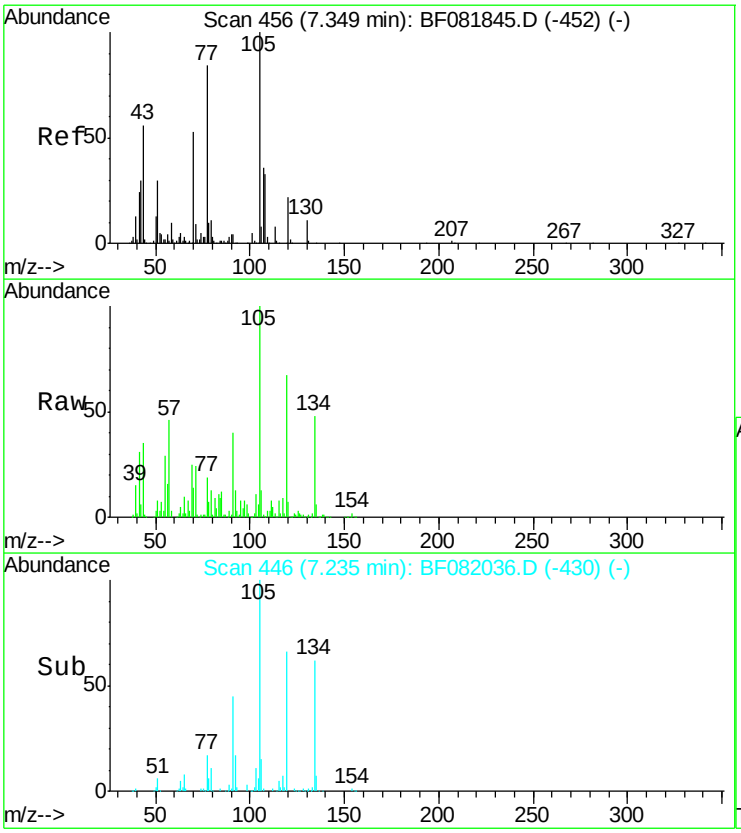
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:136 Resp: 141173

Ion	Ratio	Lower	Upper
136	100		
137	125.8	9.0	13.6#
54	218.7	8.2	12.2#
68	216.1	5.8	8.6#

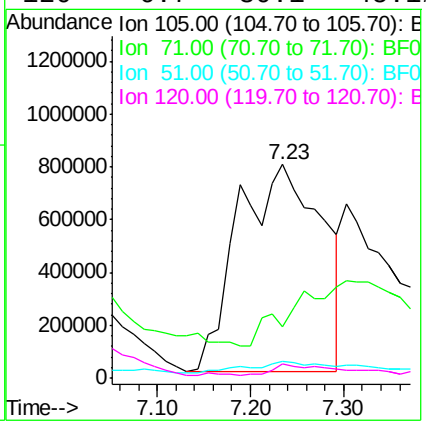


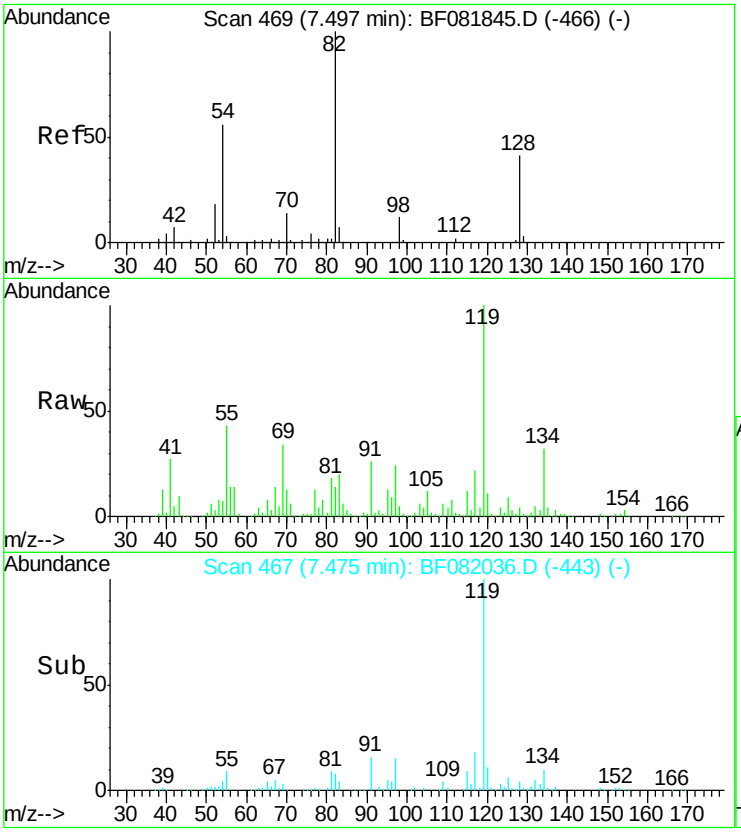


#22
Acetophenone
Concen: 1719.74 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.11 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:105 Resp: 4963920

Ion	Ratio	Lower	Upper
105	100		
71	23.8	4.7	7.1#
51	8.0	22.0	33.0#
120	6.7	30.1	45.1#



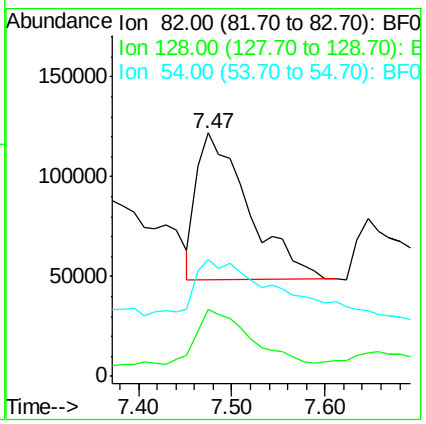


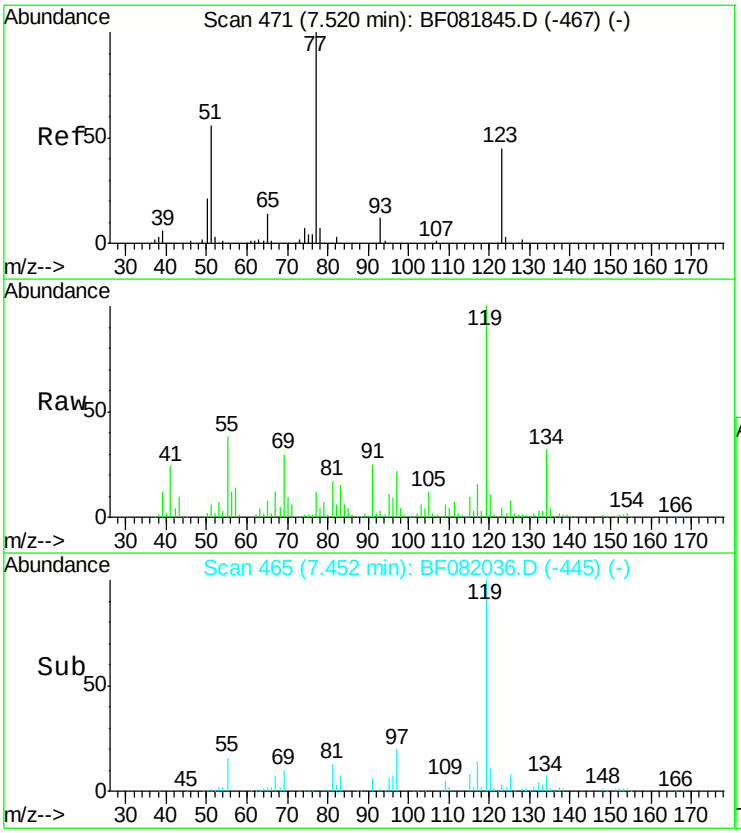
#23
Nitrobenzene-d5
Concen: 132.96 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion: 82 Resp: 281585

Ion	Ratio	Lower	Upper
82	100		
128	27.6	51.0	76.6#
54	48.2	47.5	71.3

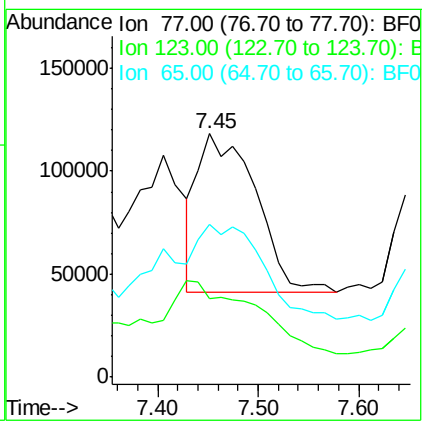


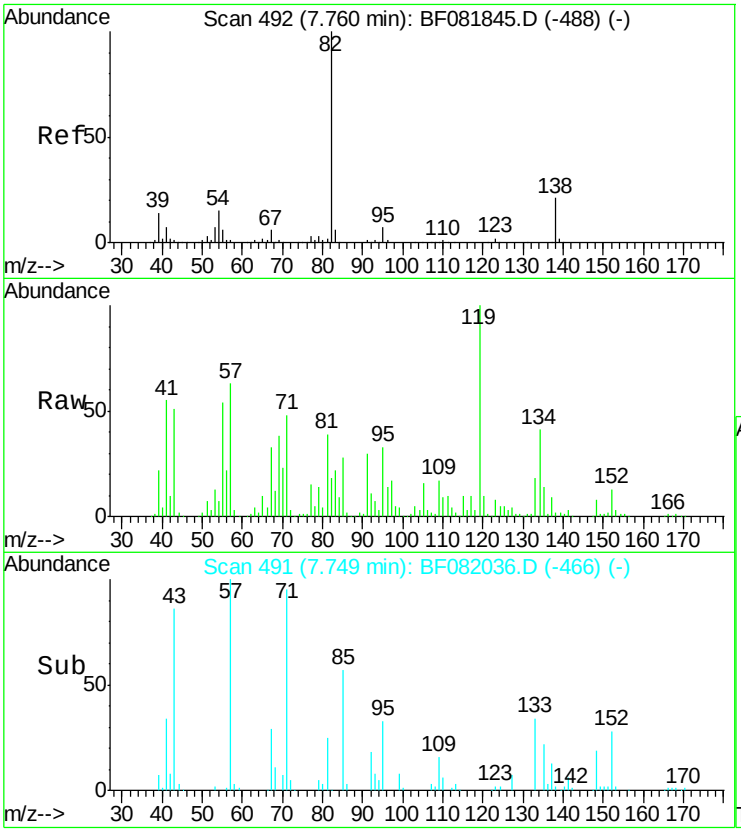


#24
Nitrobenzene
Concen: 133.27 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion: 77 Resp: 306462

Ion	Ratio	Lower	Upper
77	100		
123	32.2	59.8	89.8#
65	62.9	10.2	15.4#



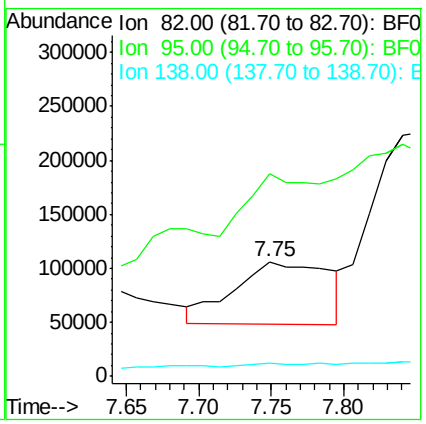


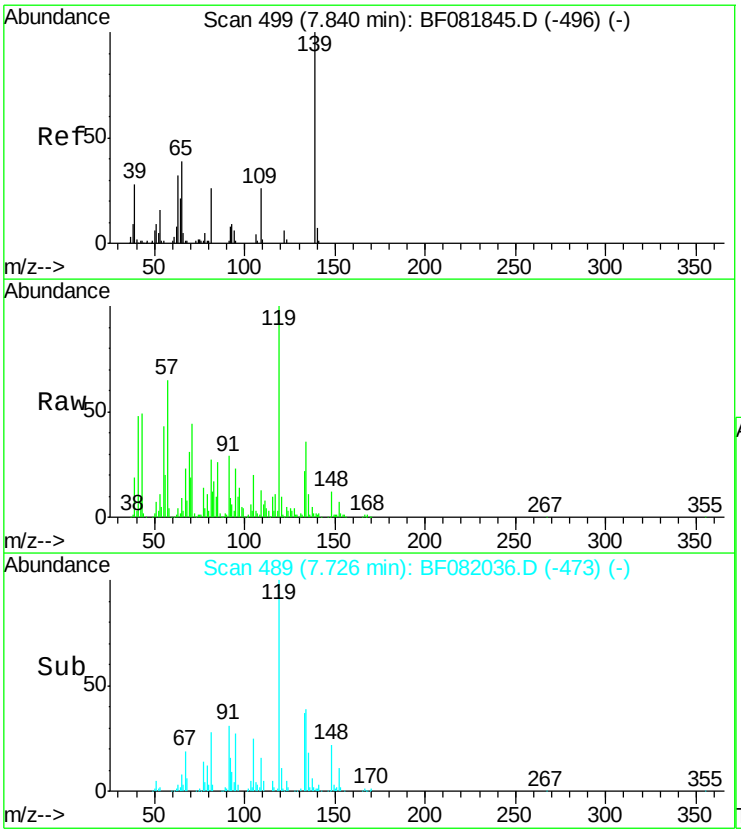
#25
Isophorone
Concen: 62.80 ng
RT: 7.75 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion: 82 Resp: 263592

Ion	Ratio	Lower	Upper
82	100		
95	177.4	4.0	6.0#
138	11.3	18.3	27.5#

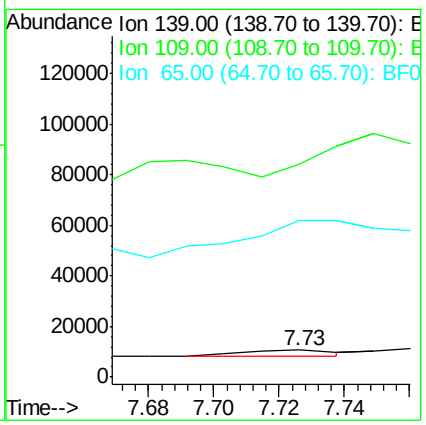


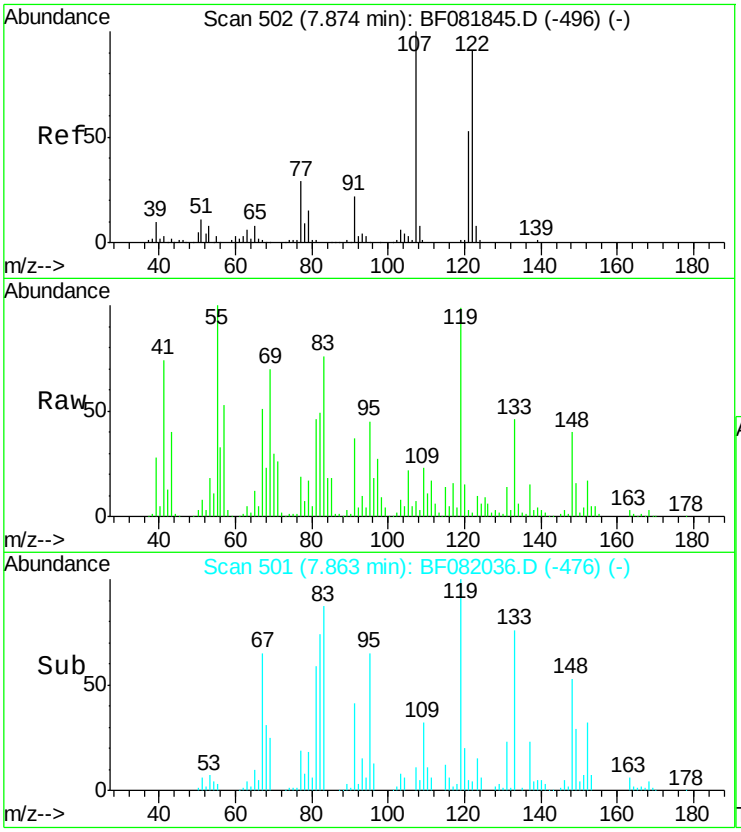


#26
2-Nitrophenol
Concen: 4.94 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.11 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:139 Resp: 5453

Ion	Ratio	Lower	Upper
139	100		
109	789.7	11.0	16.4#
65	582.8	24.7	37.1#



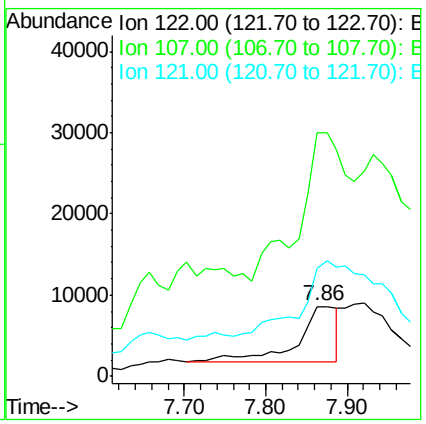


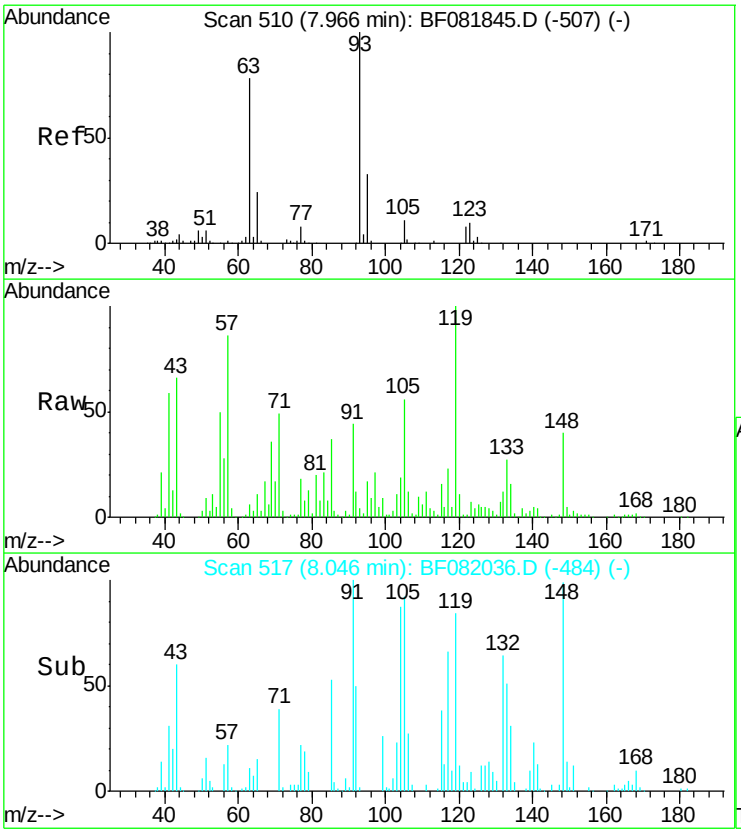
#27
2,4-Dimethylphenol
Concen: 12.37 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:122 Resp: 24018

Ion	Ratio	Lower	Upper
122	100		
107	347.1	71.8	107.6#
121	154.0	42.3	63.5#

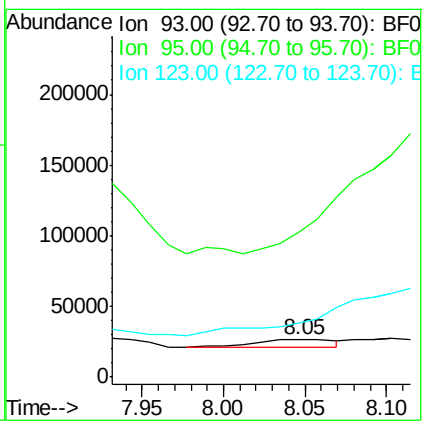


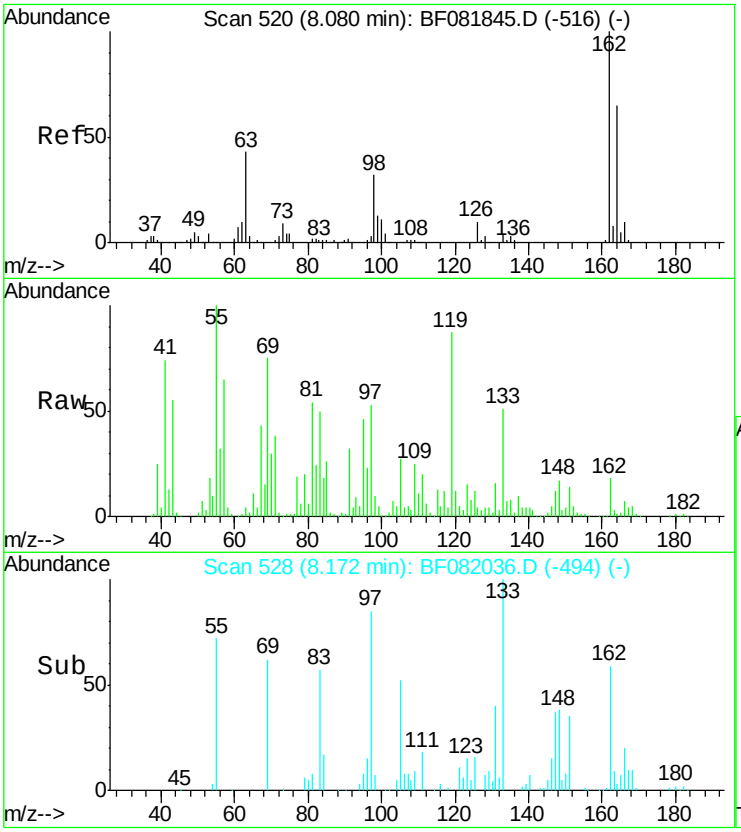


#28
bis(2-Chloroethoxy)methane
Concen: 6.75 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.08 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion: 93 Resp: 16820

Ion	Ratio	Lower	Upper
93	100		
95	388.8	27.5	41.3#
123	144.7	13.7	20.5#



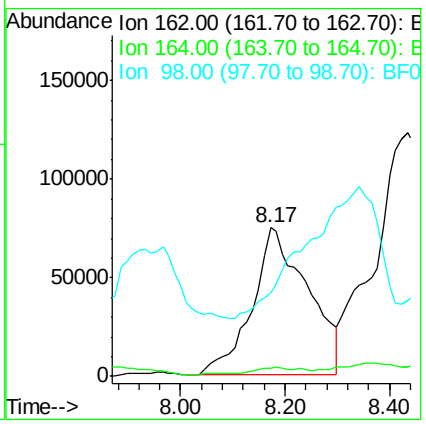


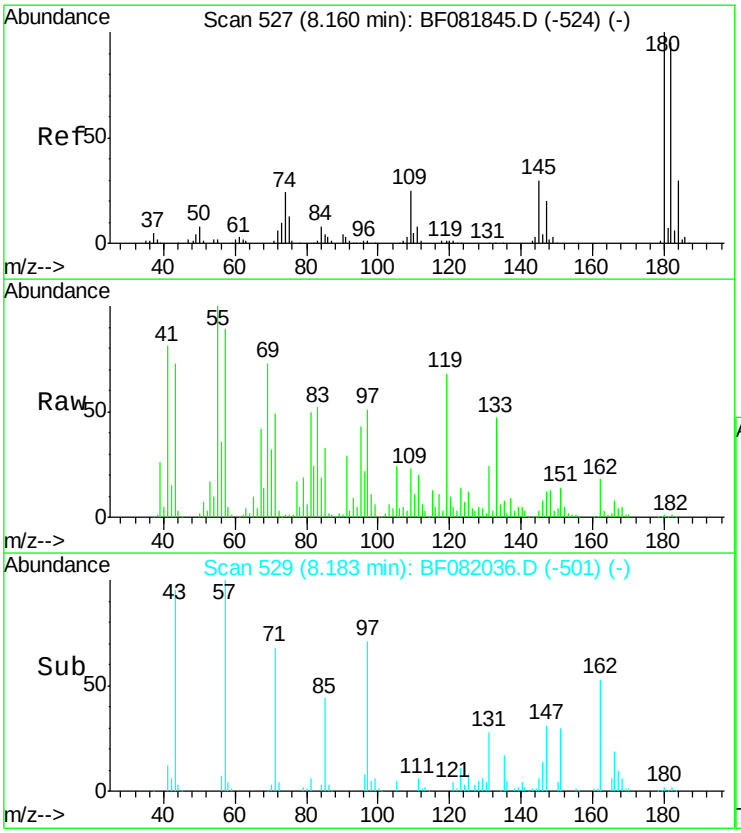
#29
2,4-Dichlorophenol
Concen: 294.08 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.09 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:162 Resp: 553749

Ion	Ratio	Lower	Upper
162	100		
164	5.5	44.9	84.9#
98	56.4	13.0	53.0#

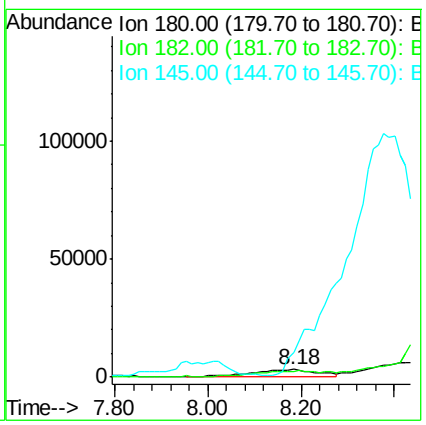


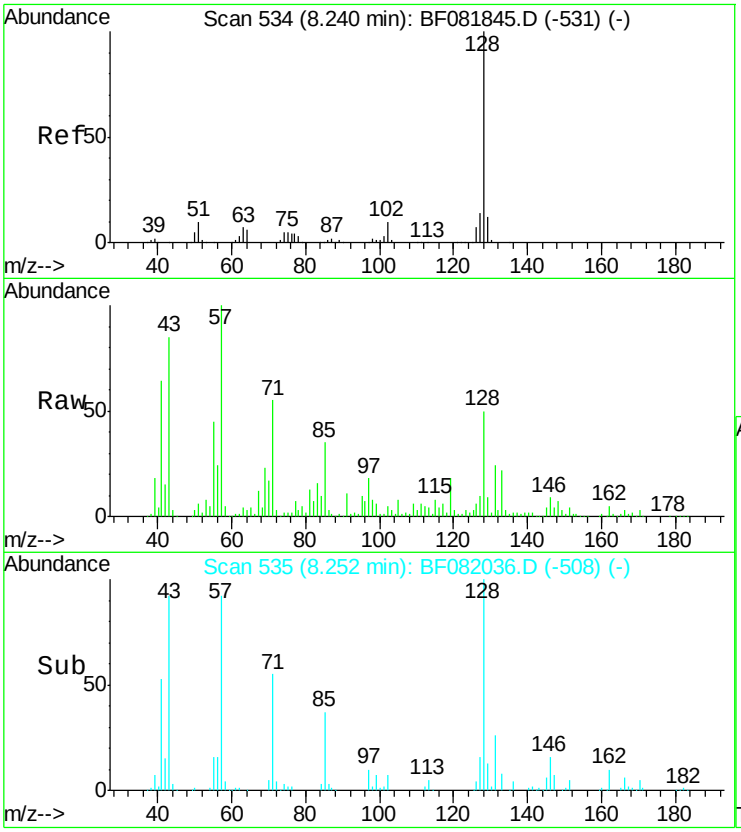


#30
1,2,4-Trichlorobenzene
Concen: 14.99 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:180 Resp: 31513

Ion	Ratio	Lower	Upper
180	100		
182	77.1	77.1	115.7#
145	334.0	23.3	34.9#



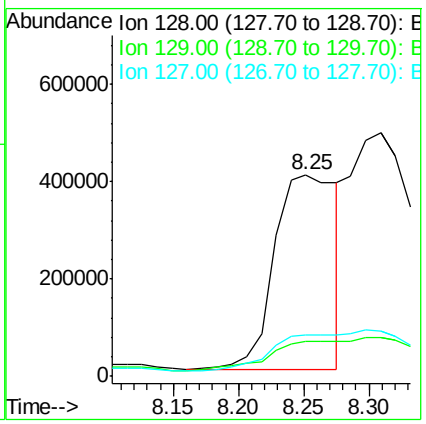


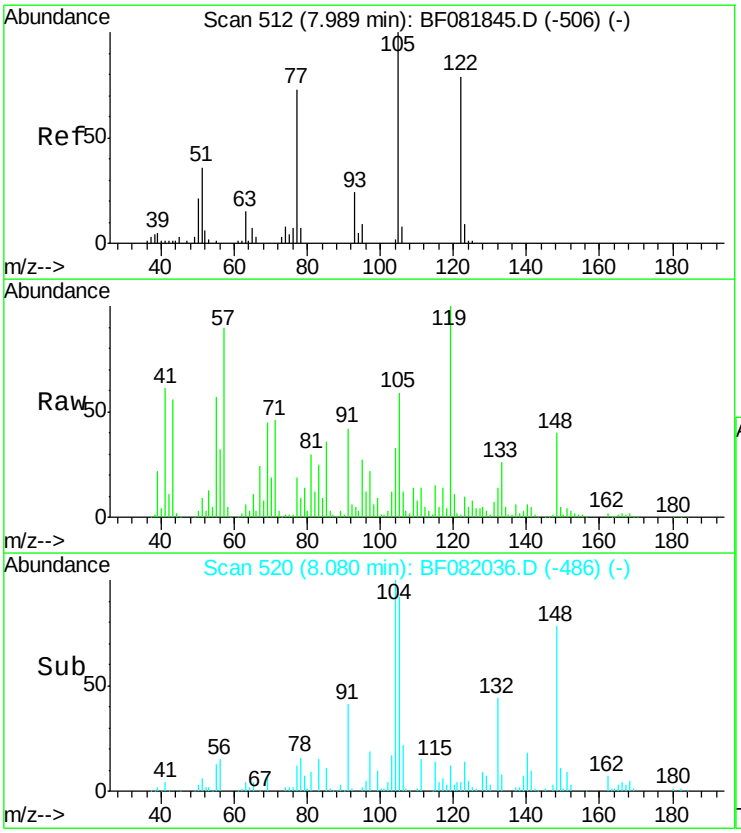
#31
Naphthalene
Concen: 214.18 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:128 Resp: 1339810

Ion	Ratio	Lower	Upper
128	100		
129	17.3	8.4	12.6#
127	20.5	9.9	14.9#

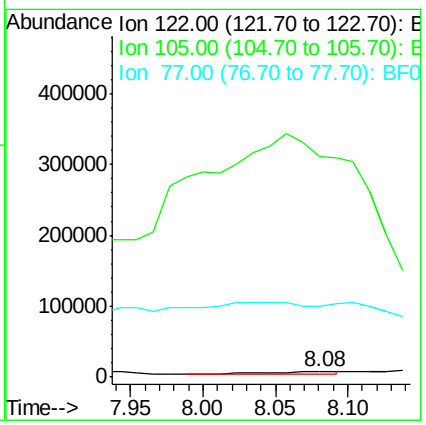


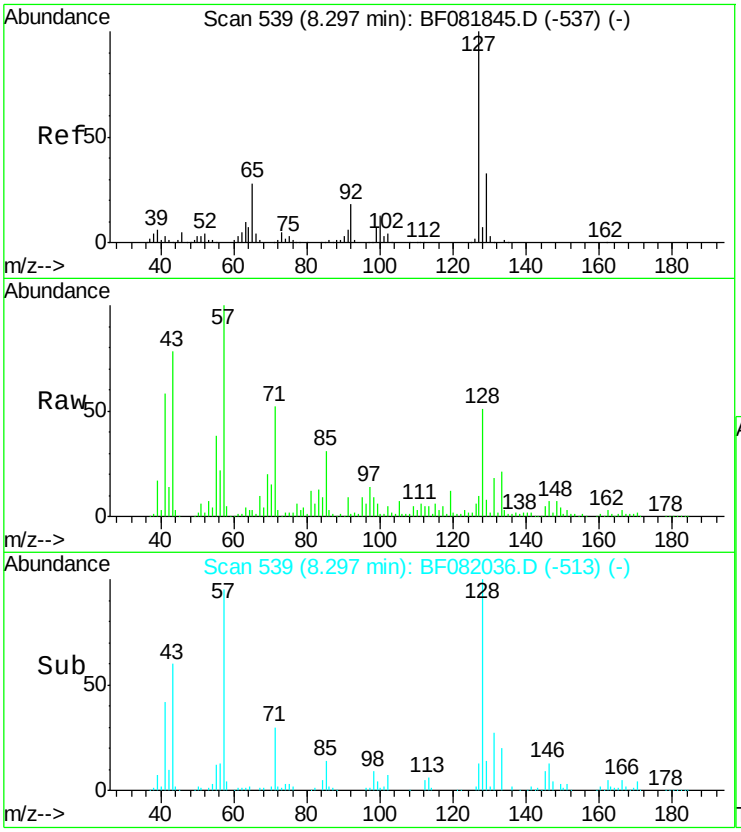


#32
Benzoic acid
Concen: 16.60 ng
RT: 8.08 min Scan# 520
Delta R.T. 0.09 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:122 Resp: 12696

Ion	Ratio	Lower	Upper
122	100		
105	4086.9	76.1	116.1#
77	1313.6	40.5	80.5#



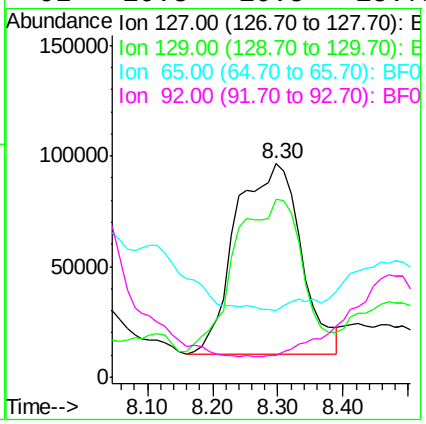


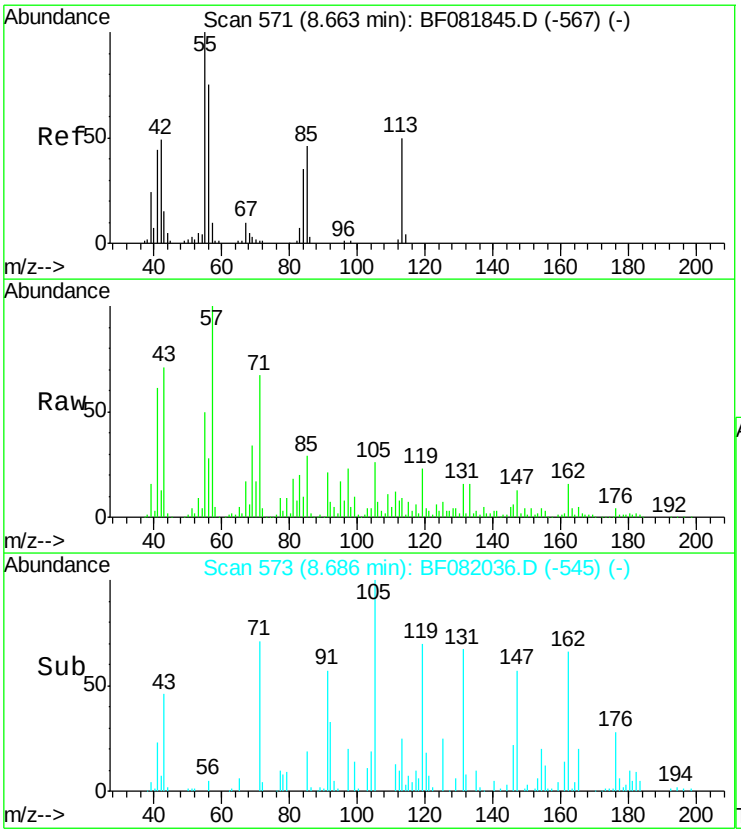
#33
4-Chloroaniline
Concen: 220.05 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:127 Resp: 595225

Ion	Ratio	Lower	Upper
127	100		
129	83.2	25.8	38.6#
65	31.4	17.9	26.9#
92	10.3	10.5	15.7#

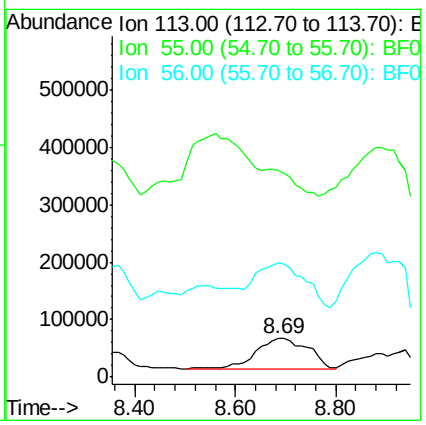


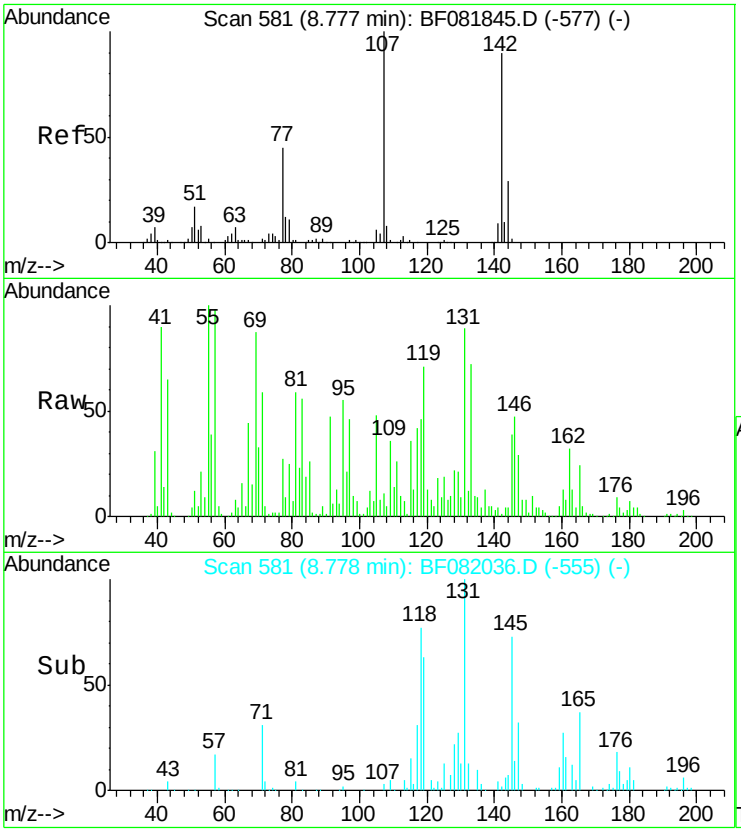


#35
Caprolactam
Concen: 747.03 ng
RT: 8.69 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:113 Resp: 389415

Ion	Ratio	Lower	Upper
113	100		
55	533.3	152.4	192.4#
56	295.6	104.6	144.6#



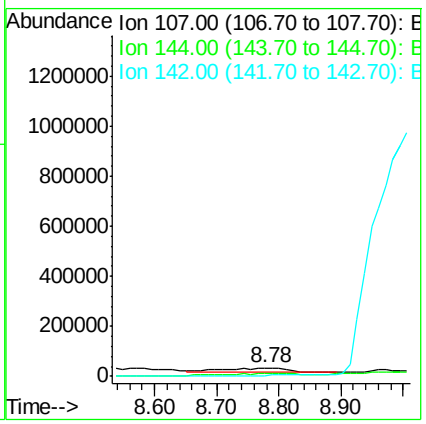


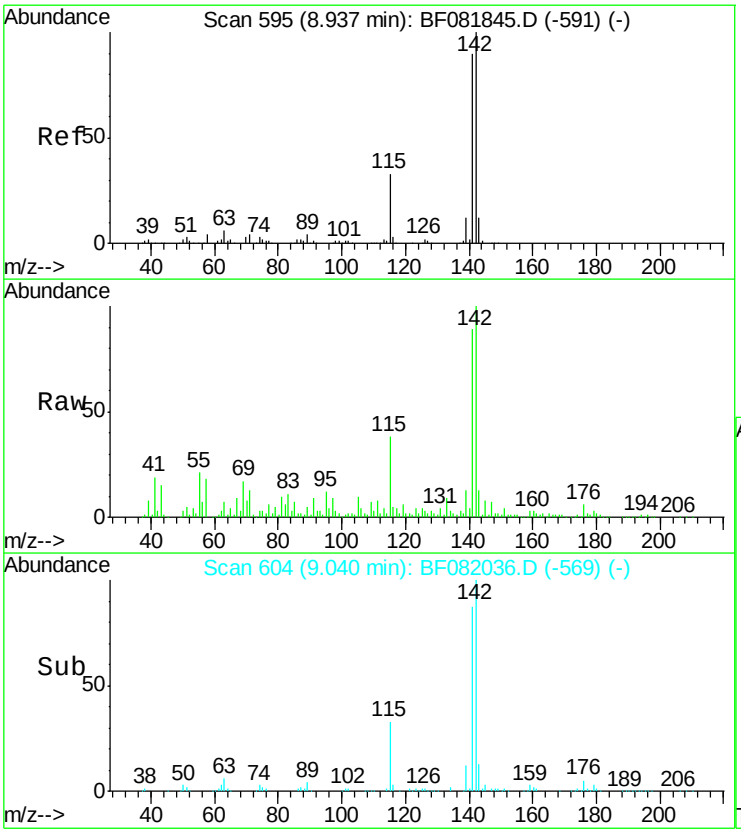
#36
4-Chloro-3-methylphenol
Concen: 63.72 ng
RT: 8.78 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:107 Resp: 117320

Ion	Ratio	Lower	Upper
107	100		
144	33.7	25.4	38.0
142	12.4	77.3	115.9#

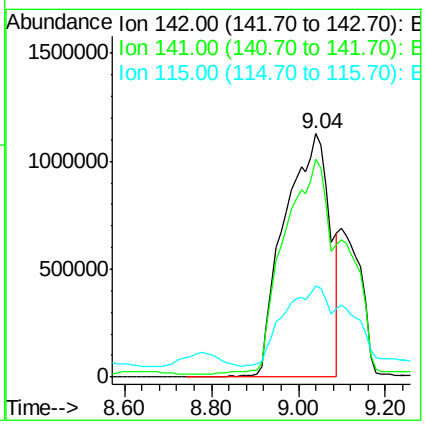


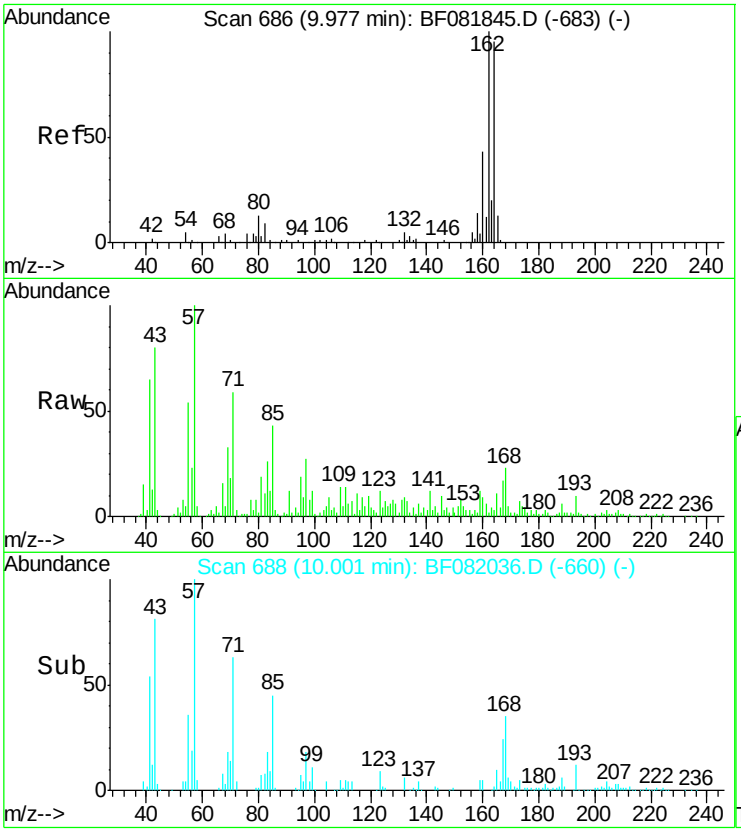


#37
2-Methylnaphthalene
Concen: 1896.99 ng
RT: 9.04 min Scan# 604
Delta R.T. 0.10 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:142 Resp: 8100089

Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.5	101.3
115	37.6	18.2	27.2#



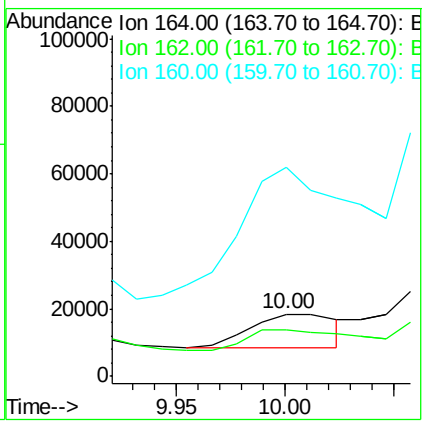


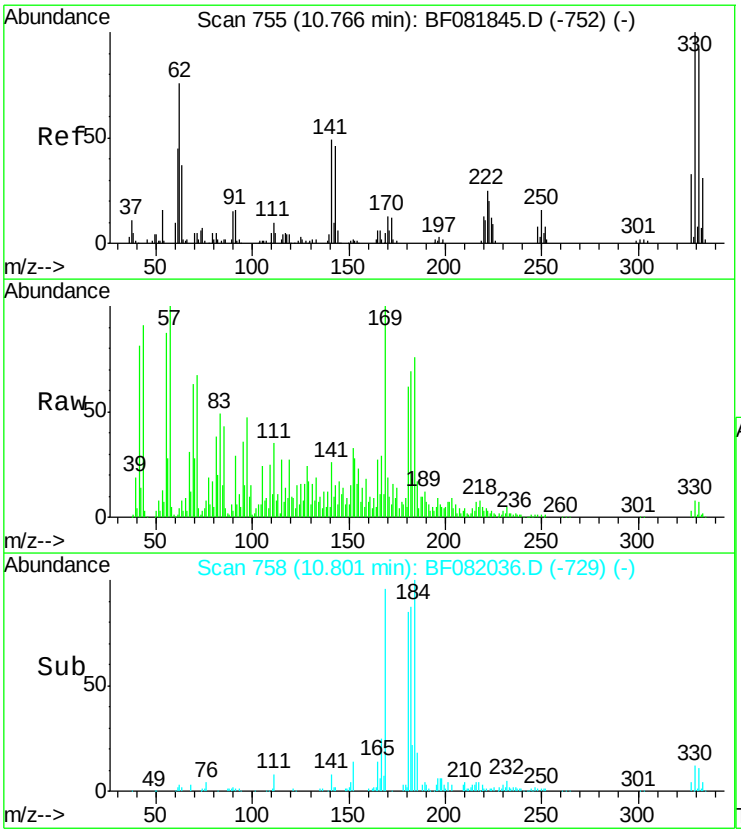
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 688
Delta R.T. 0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:164 Resp: 28564

Ion	Ratio	Lower	Upper
164	100		
162	74.2	75.2	112.8#
160	335.6	31.5	47.3#

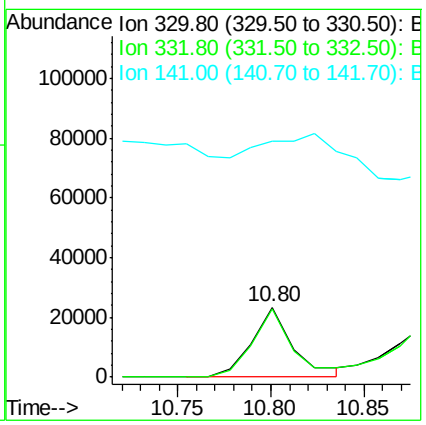


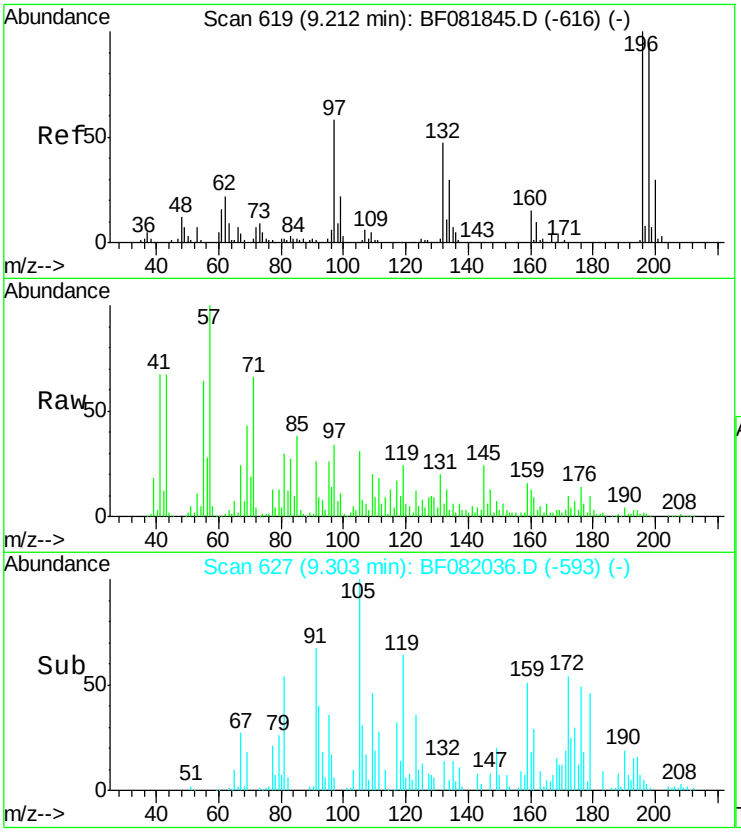


#41
2,4,6-Tribromophenol
Concen: 124.06 ng
RT: 10.80 min Scan# 758
Delta R.T. 0.03 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:330 Resp: 35888

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	0.0	29.7	44.5#



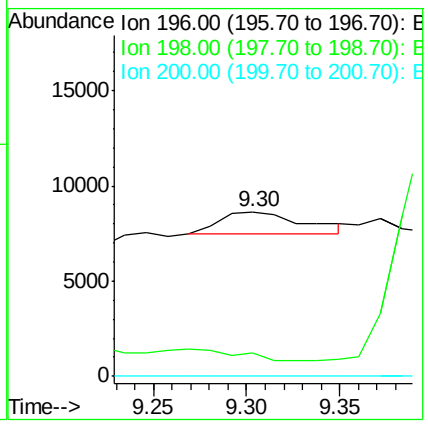


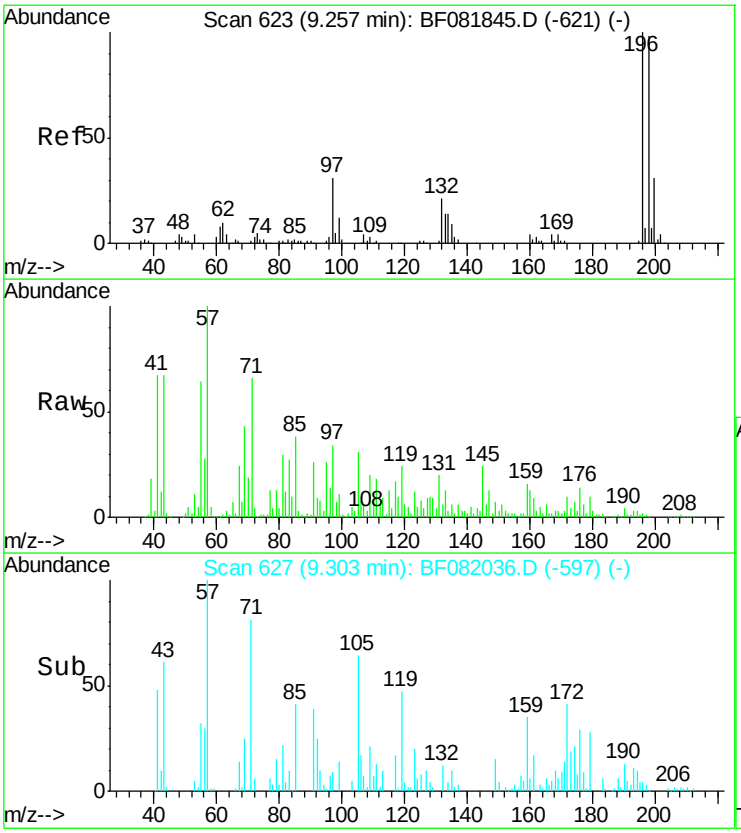
#42
2,4,6-Trichlorophenol
Concen: 6.29 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.09 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:196 Resp: 3783

Ion	Ratio	Lower	Upper
196	100		
198	14.0	75.7	113.5#
200	0.0	23.9	35.9#

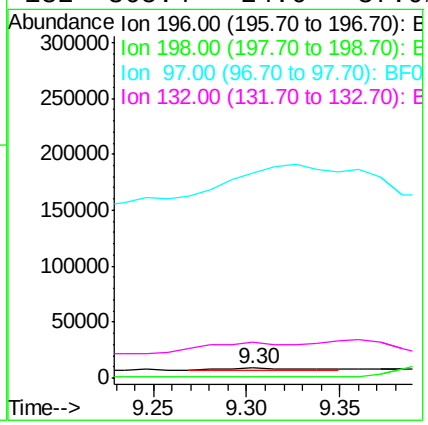


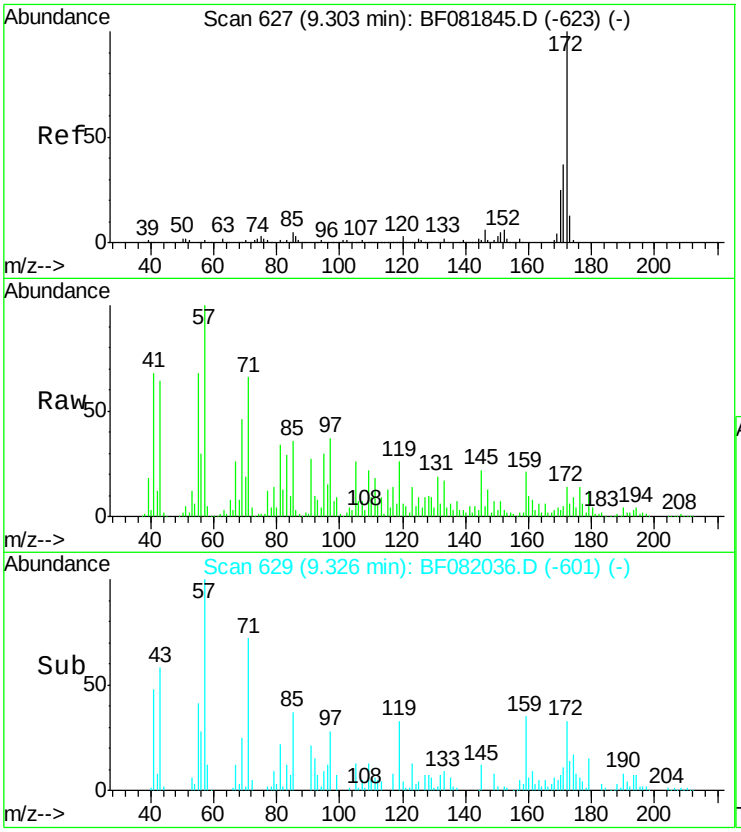


#43
2,4,5-Trichlorophenol
Concen: 6.12 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:196 Resp: 3783

Ion	Ratio	Lower	Upper
196	100		
198	14.0	75.4	113.0#
97	2117.3	33.3	49.9#
132	365.4	24.6	37.0#



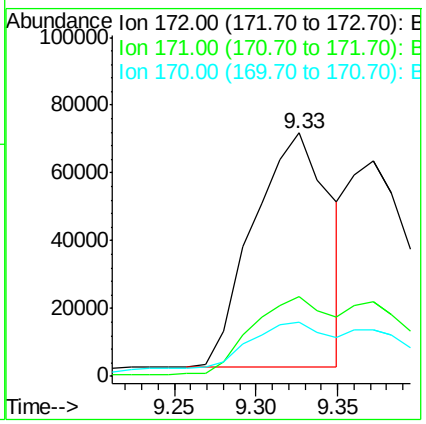


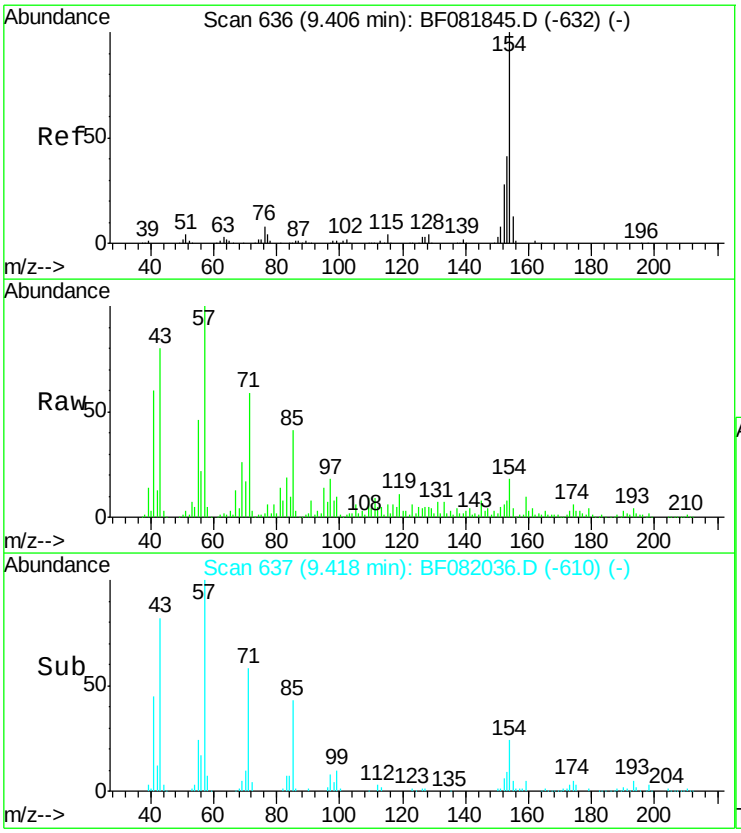
#44
2-Fluorobiphenyl
Concen: 156.65 ng
RT: 9.33 min Scan# 629
Delta R.T. 0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:172 Resp: 224977

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.1	39.1
170	22.5	17.4	26.2

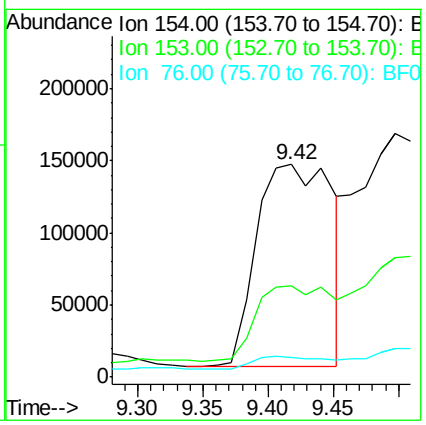


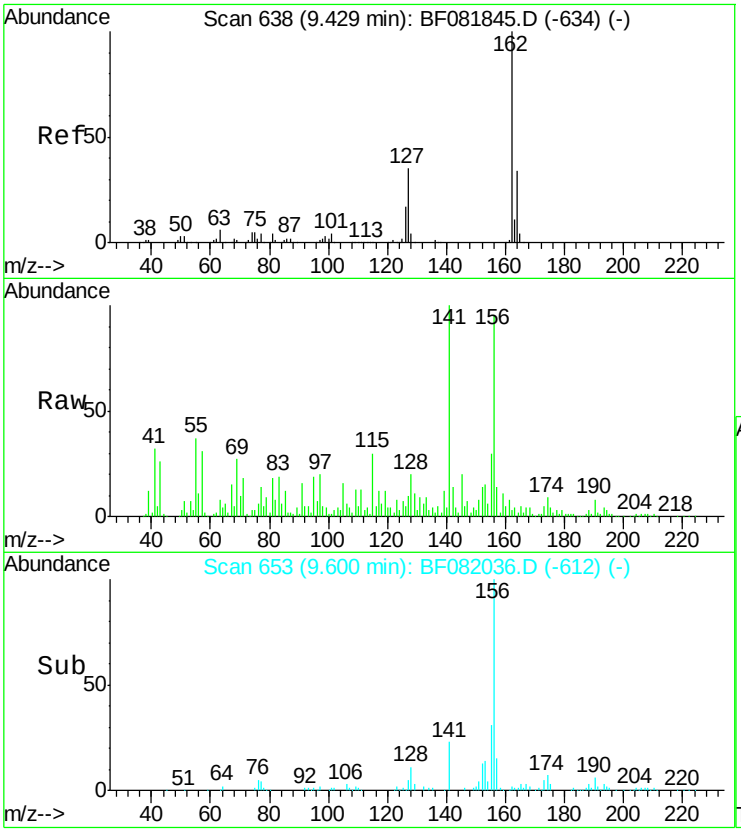


#45
1,1'-Biphenyl
Concen: 256.48 ng
RT: 9.42 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:154 Resp: 565199

Ion	Ratio	Lower	Upper
154	100		
153	42.8	17.1	57.1
76	9.1	0.0	31.6



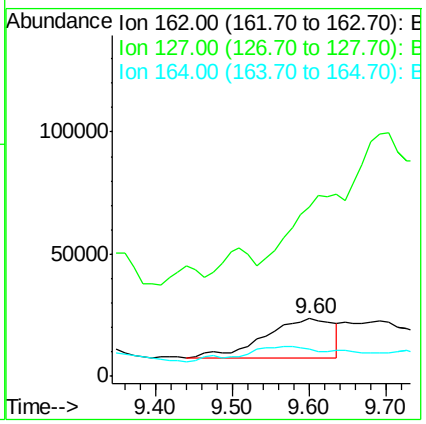


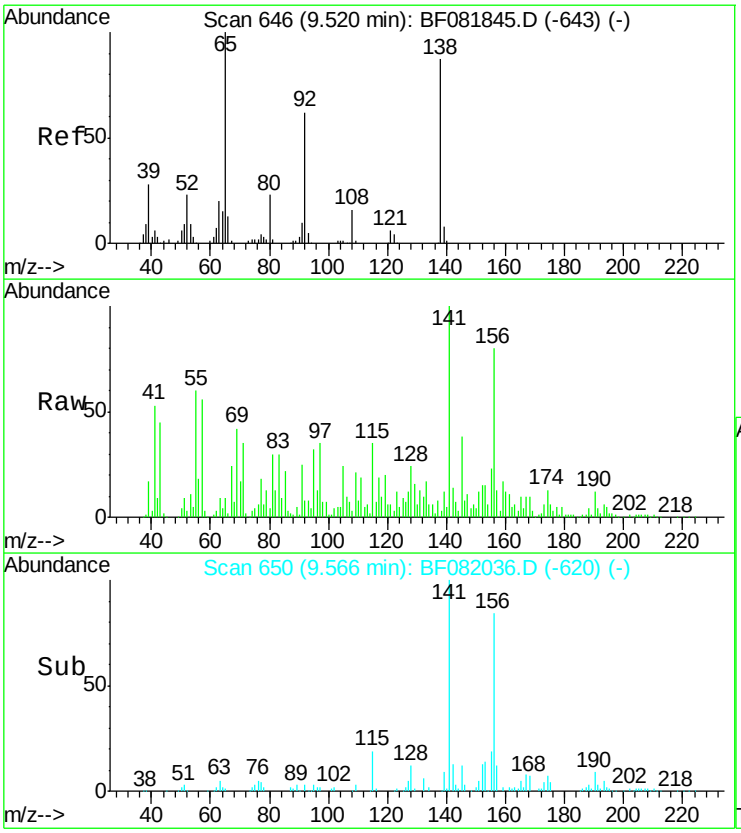
#46
2-Chloronaphthalene
Concen: 57.95 ng
RT: 9.60 min Scan# 653
Delta R.T. 0.17 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:162 Resp: 100277

Ion	Ratio	Lower	Upper
162	100		
127	294.7	27.6	41.4#
164	47.5	25.4	38.2#

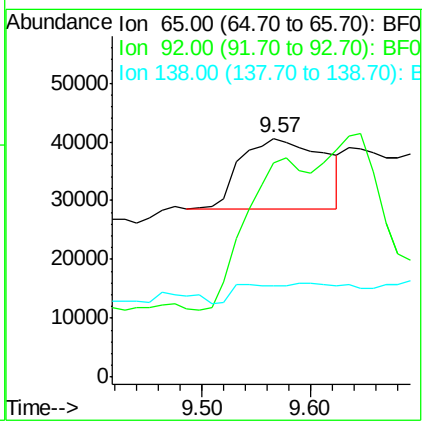


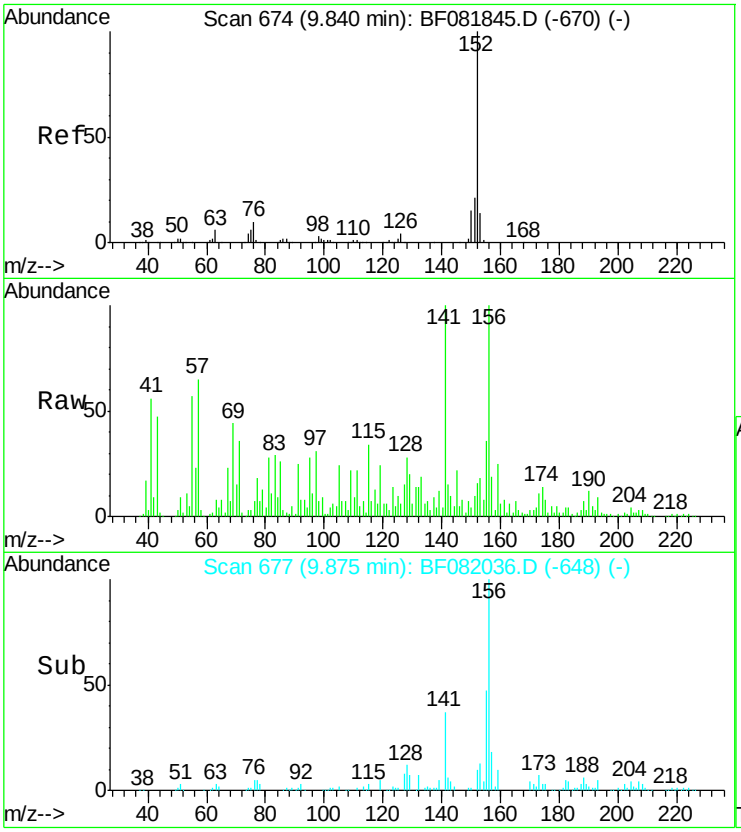


#47
2-Nitroaniline
Concen: 126.19 ng
RT: 9.57 min Scan# 650
Delta R.T. 0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion: 65 Resp: 64098

Ion	Ratio	Lower	Upper
65	100		
92	90.0	55.4	83.0#
138	38.3	115.5	173.3#



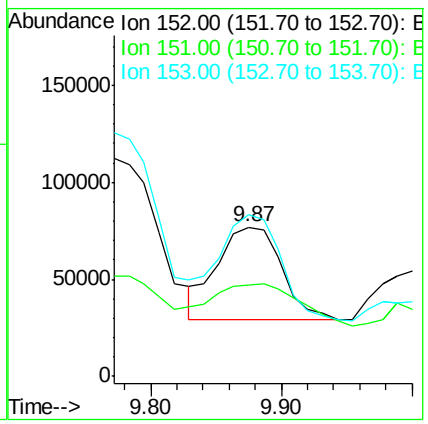


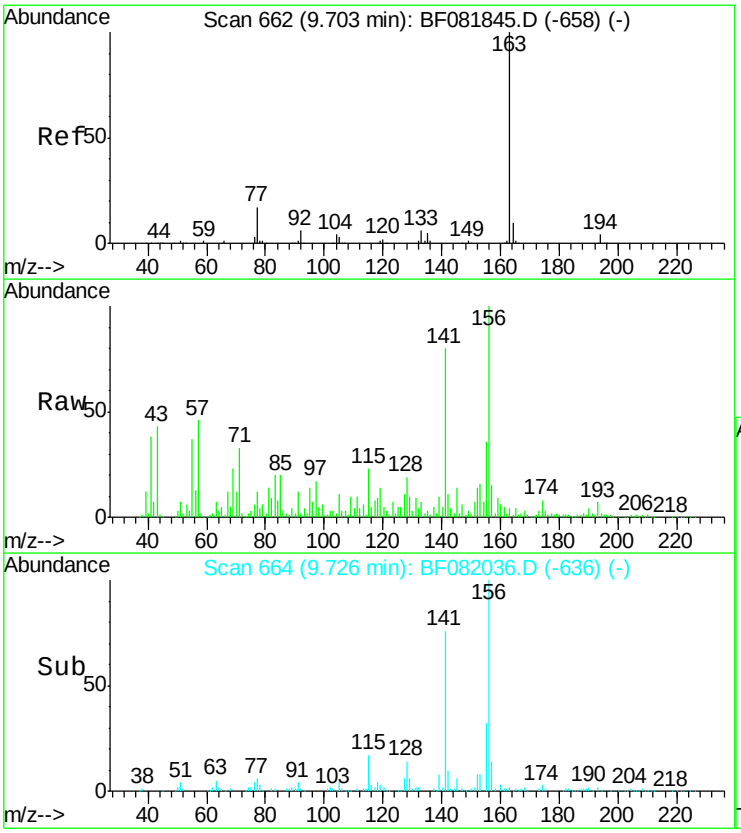
#48
Acenaphthylene
Concen: 59.19 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.03 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:152 Resp: 163934

Ion	Ratio	Lower	Upper
152	100		
151	61.3	14.6	22.0#
153	108.6	10.3	15.5#

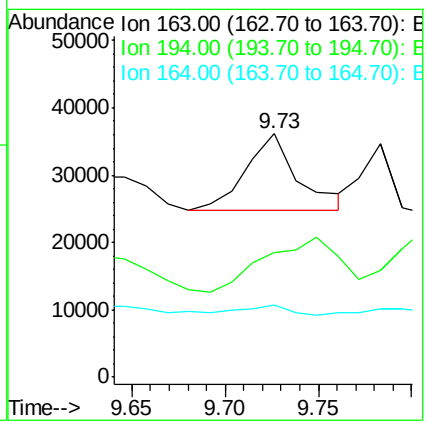


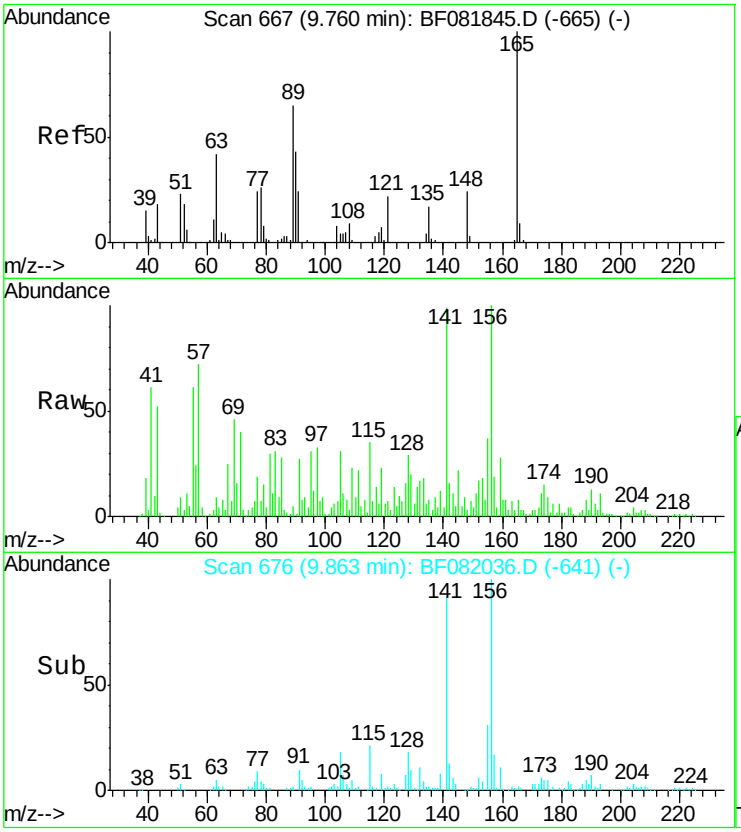


#49
Dimethylphthalate
Concen: 11.47 ng
RT: 9.73 min Scan# 664
Delta R.T. 0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:163 Resp: 22622

Ion	Ratio	Lower	Upper
163	100		
194	51.1	4.4	6.6#
164	29.6	8.3	12.5#



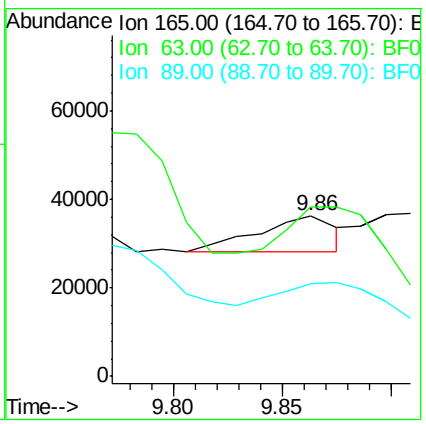


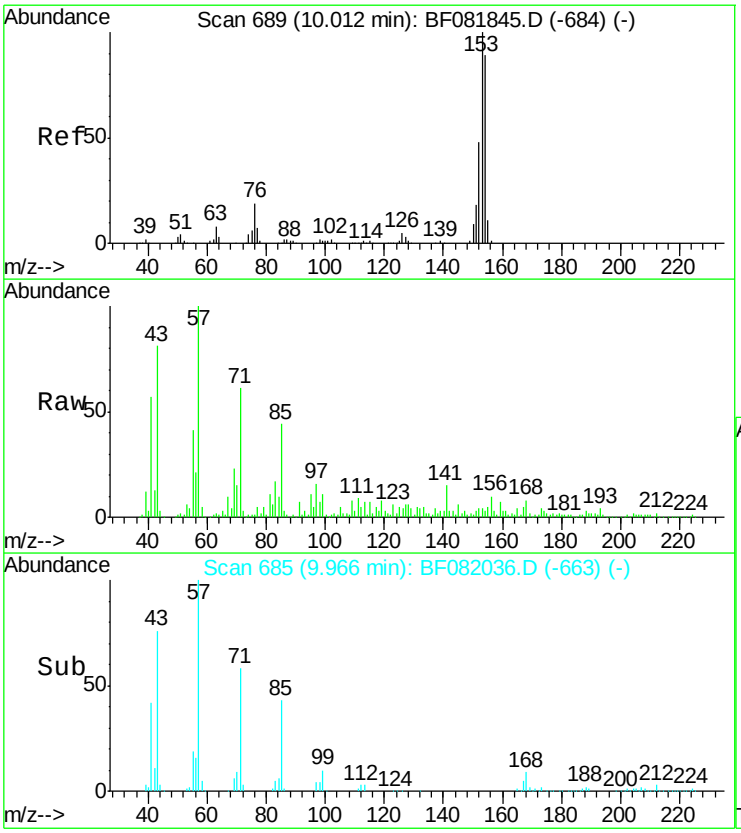
#50
2,6-Dinitrotoluene
Concen: 47.60 ng
RT: 9.86 min Scan# 676
Delta R.T. 0.10 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:165 Resp: 20377

Ion	Ratio	Lower	Upper
165	100		
63	105.5	32.3	48.5#
89	57.5	28.6	43.0#

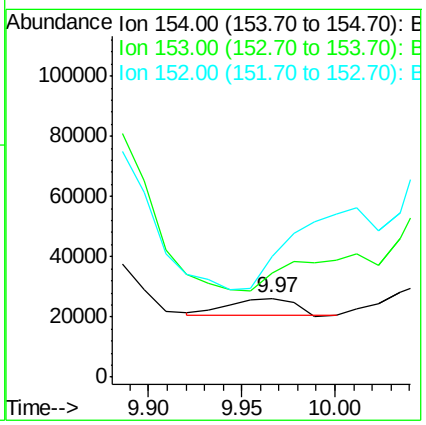


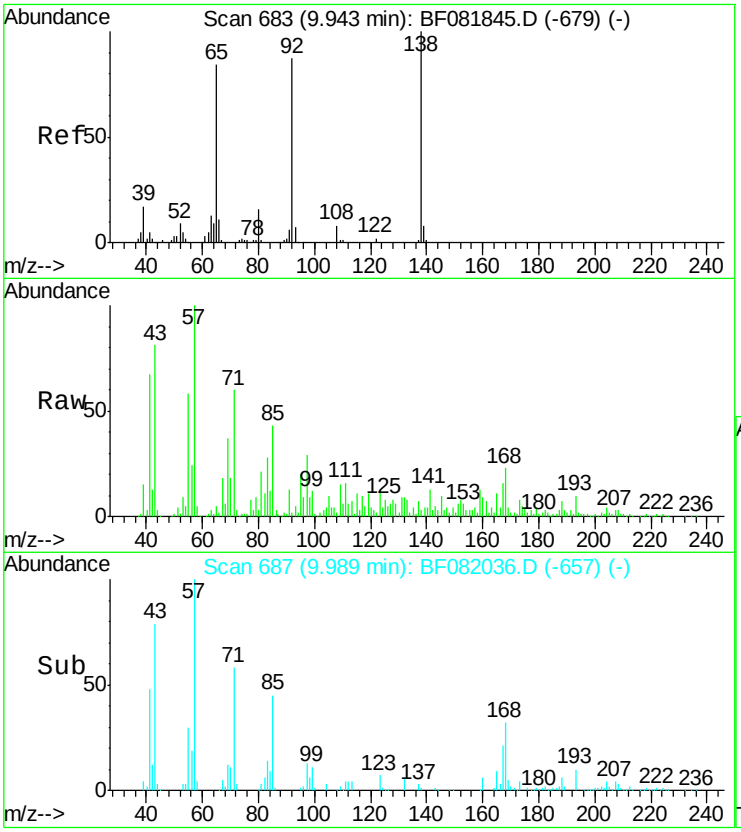


#51
Acenaphthene
Concen: 8.29 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:154 Resp: 13632

Ion	Ratio	Lower	Upper
154	100		
153	133.3	82.1	123.1#
152	153.0	37.9	56.9#



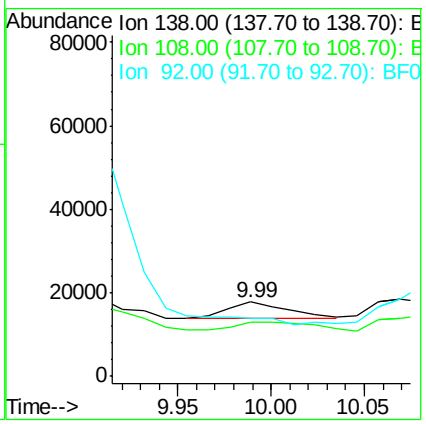


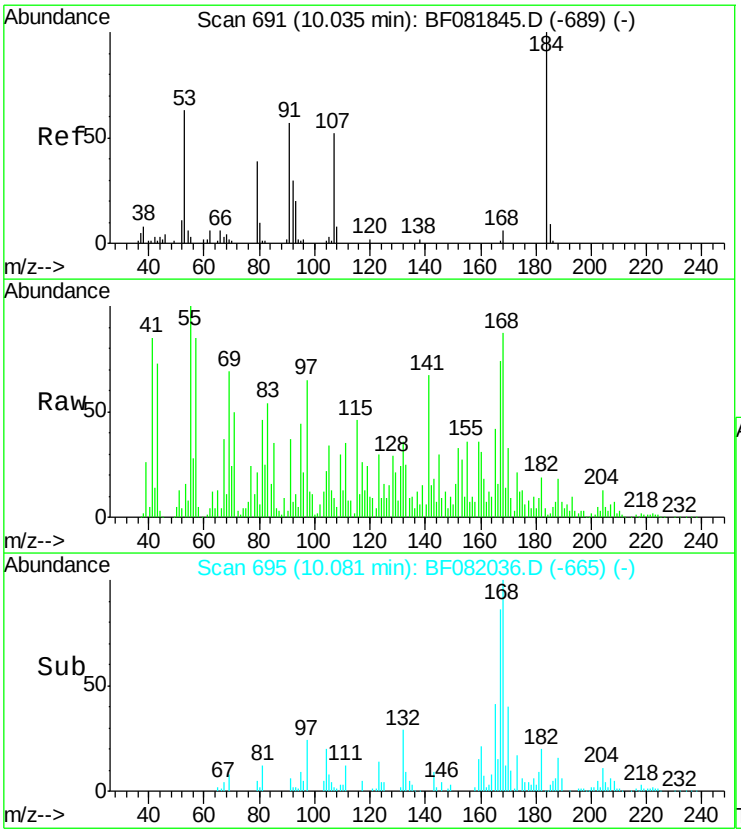
#52
3-Nitroaniline
Concen: 17.76 ng
RT: 9.99 min Scan# 687
Delta R.T. 0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:138 Resp: 8794

Ion	Ratio	Lower	Upper
138	100		
108	73.6	5.7	8.5#
92	77.1	67.7	101.5

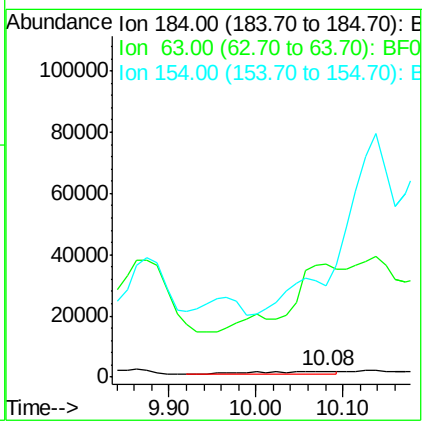


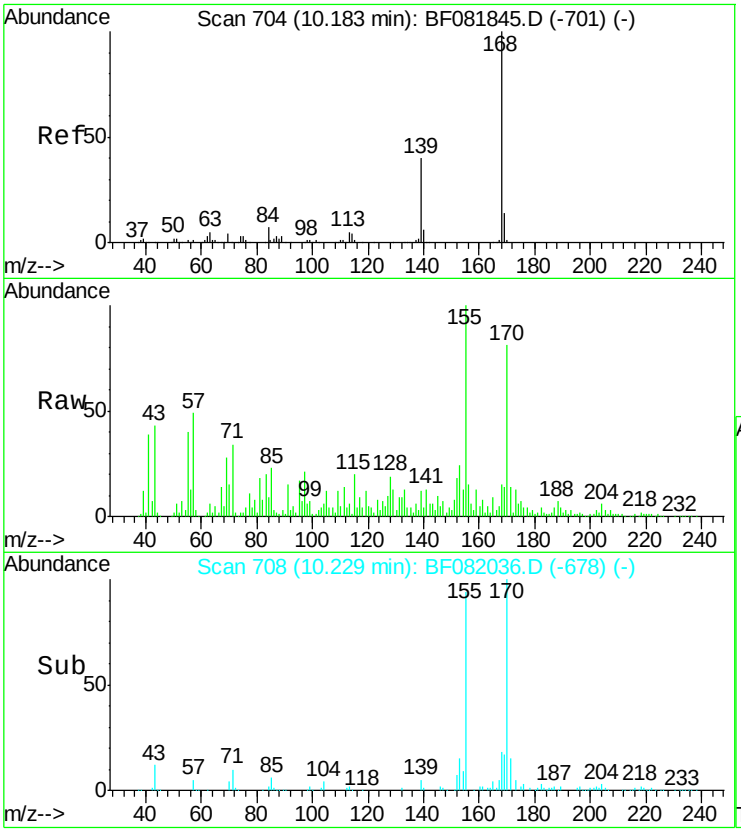


#53
2,4-Dinitrophenol
Concen: 49.96 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:184 Resp: 7709

Ion	Ratio	Lower	Upper
184	100		
63	1950.8	35.4	53.2#
154	1585.2	32.2	48.4#



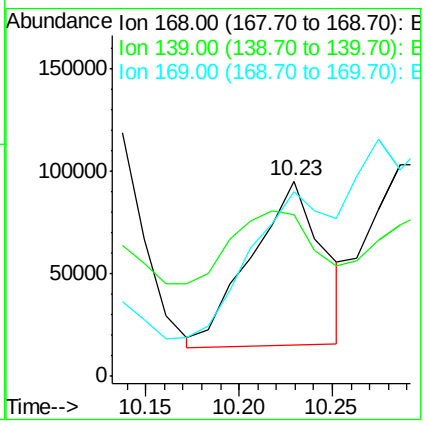


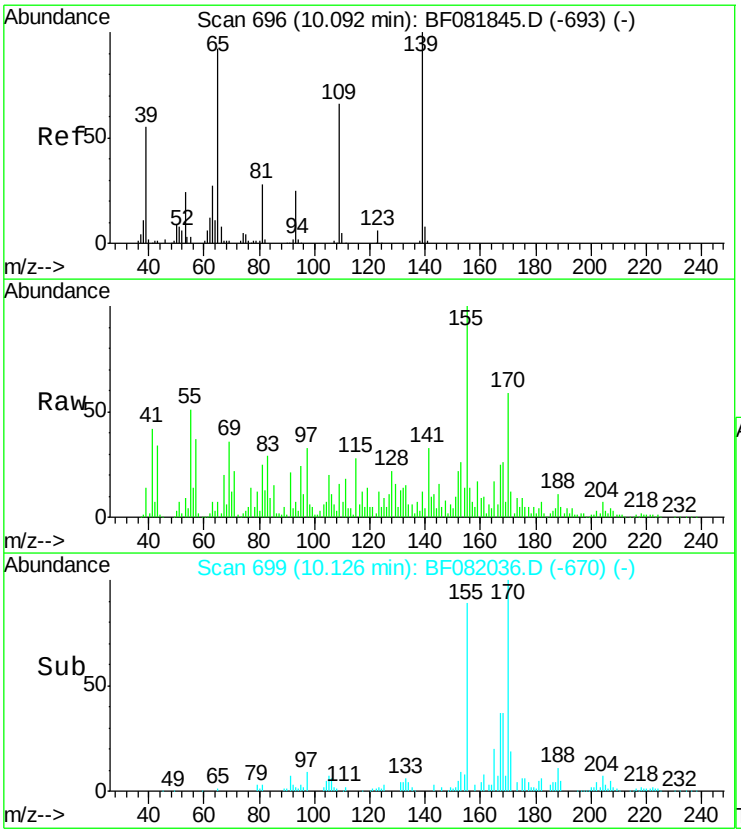
#54
Dibenzofuran
Concen: 92.50 ng
RT: 10.23 min Scan# 708
Delta R.T. 0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:168 Resp: 214978

Ion	Ratio	Lower	Upper
168	100		
139	82.4	24.2	36.2#
169	94.3	10.6	15.8#

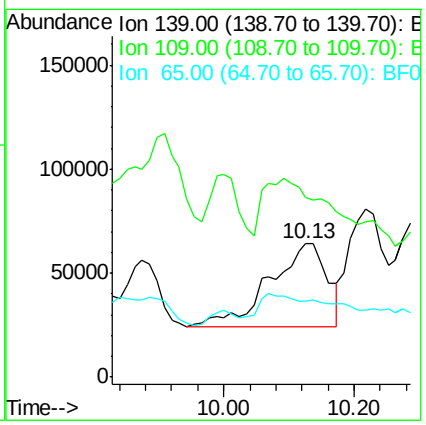


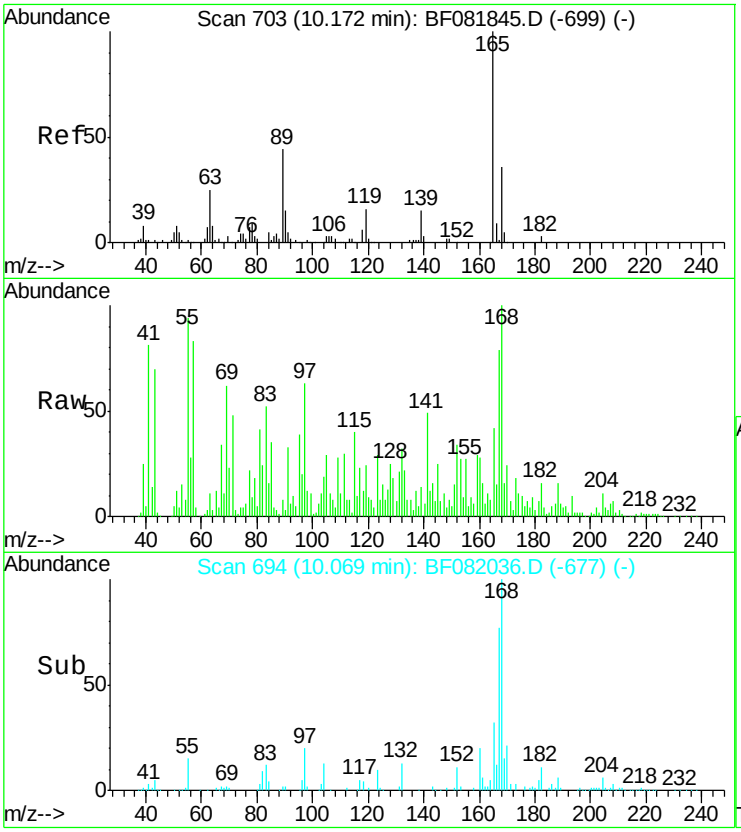


#55
4-Nitrophenol
Concen: 694.42 ng
RT: 10.13 min Scan# 699
Delta R.T. 0.03 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:139 Resp: 248485

Ion	Ratio	Lower	Upper
139	100		
109	135.1	12.7	52.7#
65	57.1	45.9	85.9



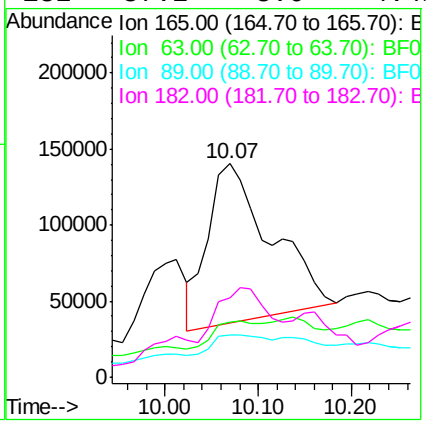


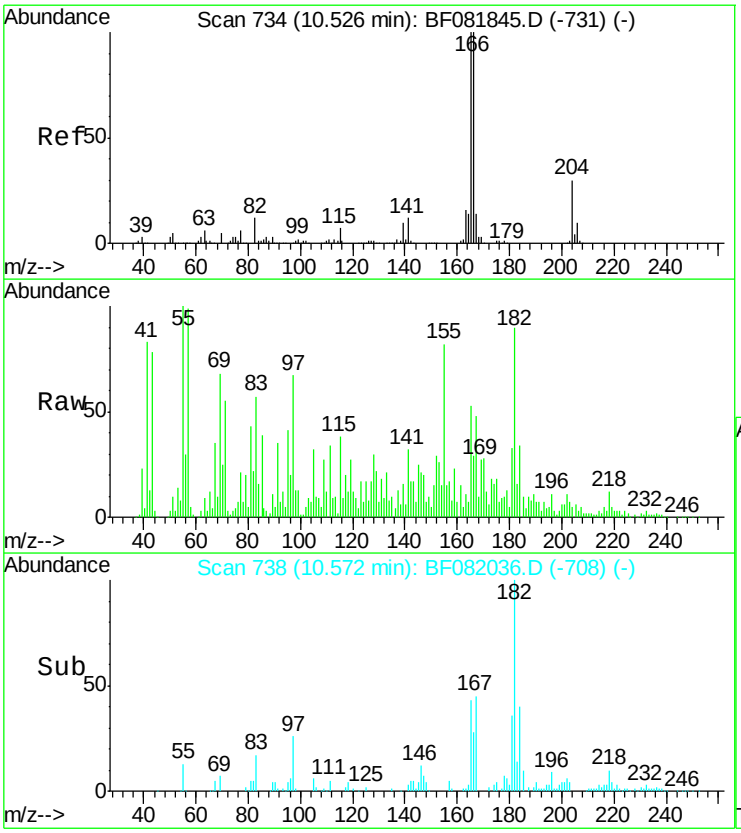
#56
2,4-Dinitrotoluene
Concen: 900.53 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.10 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:165 Resp: 491415

Ion	Ratio	Lower	Upper
165	100		
63	26.0	29.8	44.6#
89	20.0	44.5	66.7#
182	37.2	3.0	4.4#

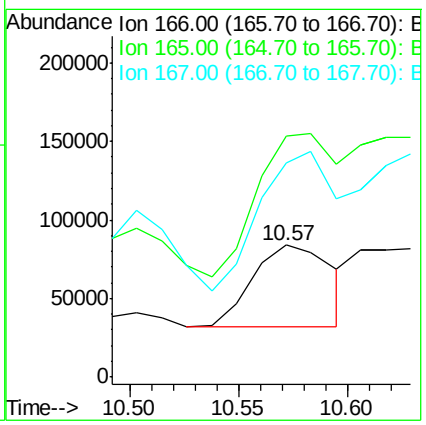


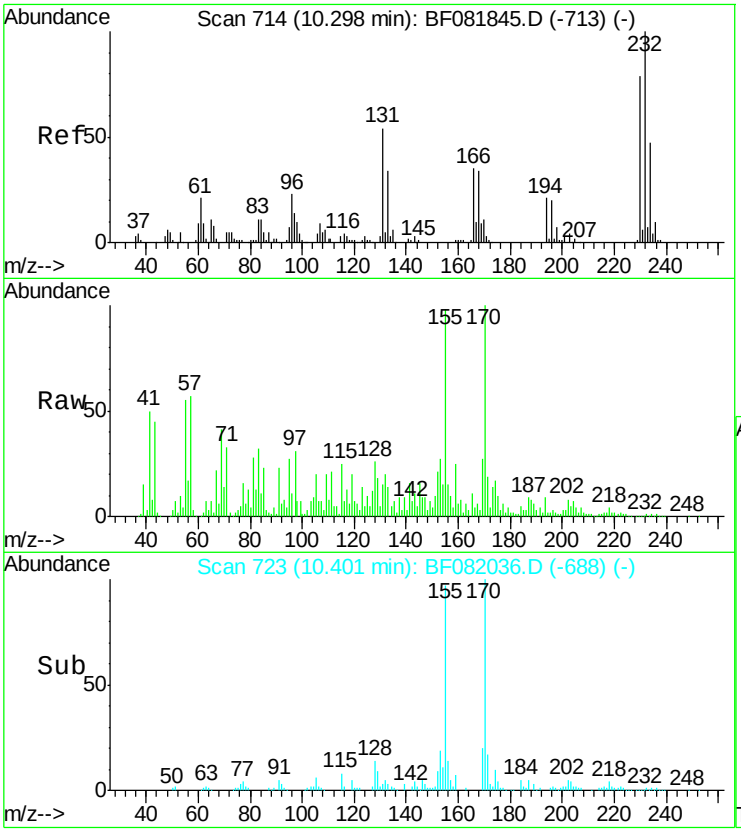


#57
Fluorene
Concen: 80.70 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:166 Resp: 131323

Ion	Ratio	Lower	Upper
166	100		
165	182.1	72.6	109.0#
167	162.5	10.6	16.0#



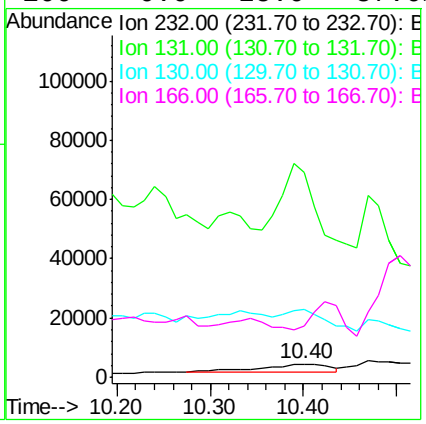


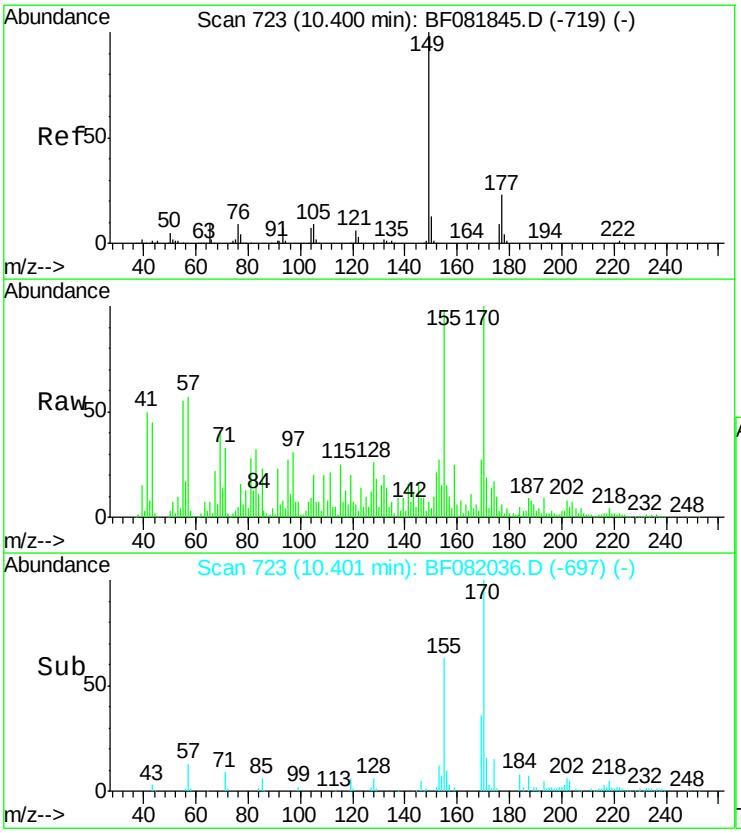
#58
2,3,4,6-Tetrachlorophenol
Concen: 30.08 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.10 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:232 Resp: 14751

Ion	Ratio	Lower	Upper
232	100		
131	533.1	38.5	57.7#
130	162.4	1.8	2.6#
166	0.0	25.0	37.6#

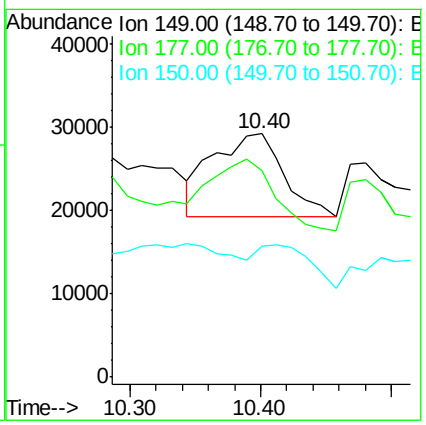


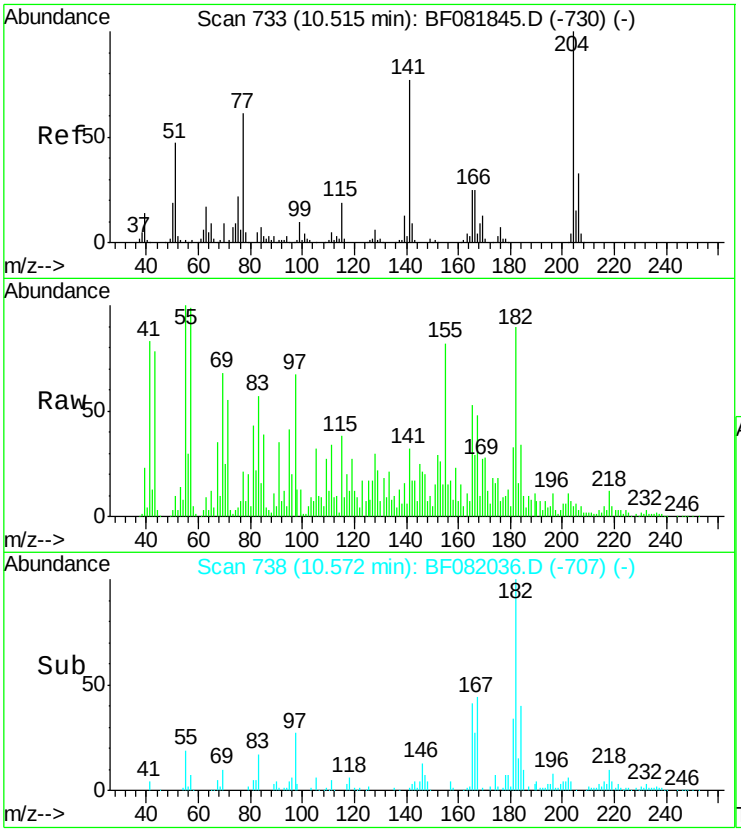


#59
Diethylphthalate
Concen: 20.61 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:149 Resp: 37955

Ion	Ratio	Lower	Upper
149	100		
177	84.6	17.5	26.3#
150	53.8	9.4	14.2#



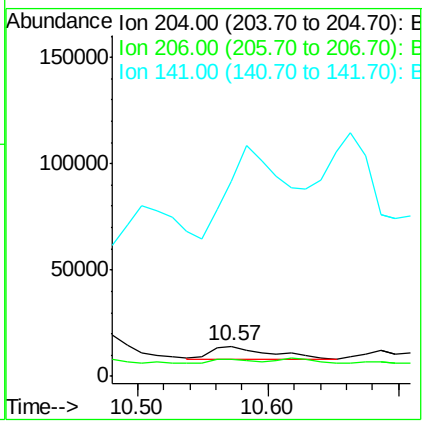


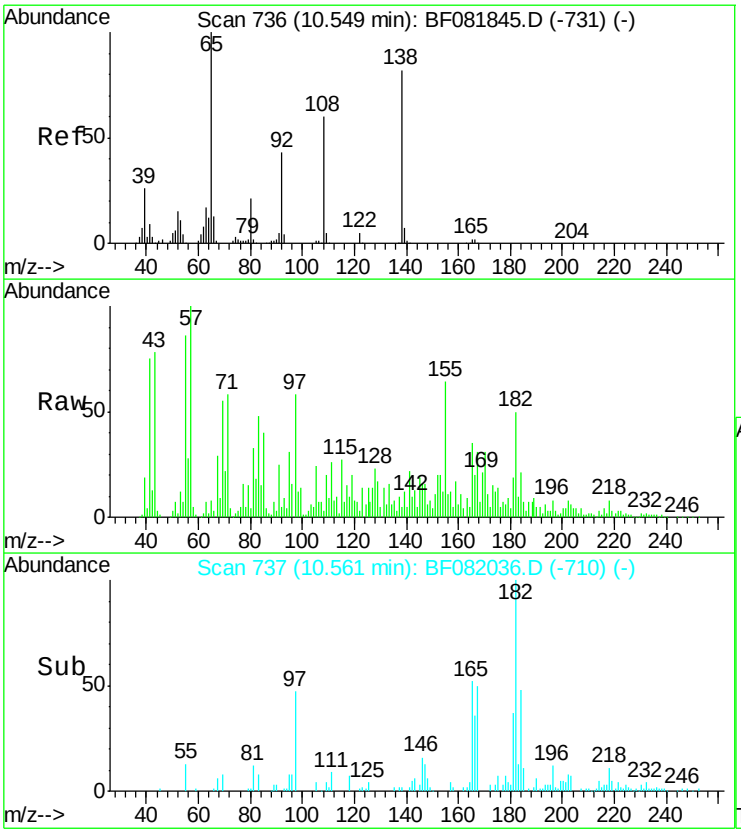
#60
4-Chlorophenyl-phenylether
Concen: 20.28 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.06 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:204 Resp: 17257

Ion	Ratio	Lower	Upper
204	100		
206	56.6	24.8	37.2#
141	646.6	42.2	63.4#

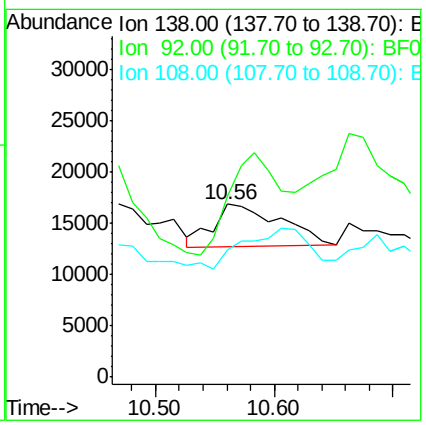


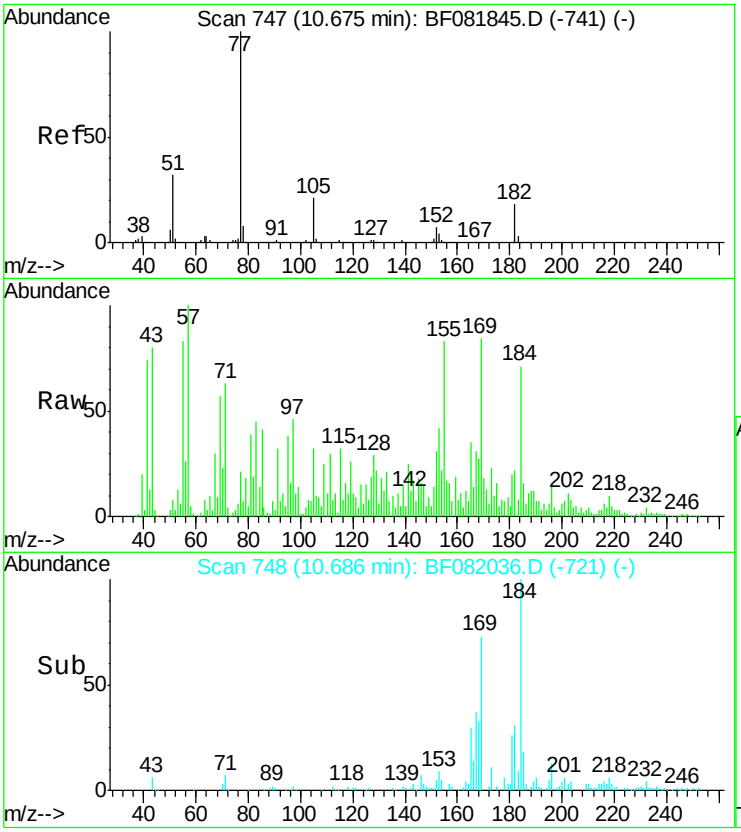


#61
4-Nitroaniline
Concen: 32.24 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:138 Resp: 16008

Ion	Ratio	Lower	Upper
138	100		
92	105.0	12.6	52.6#
108	73.5	12.4	52.4#



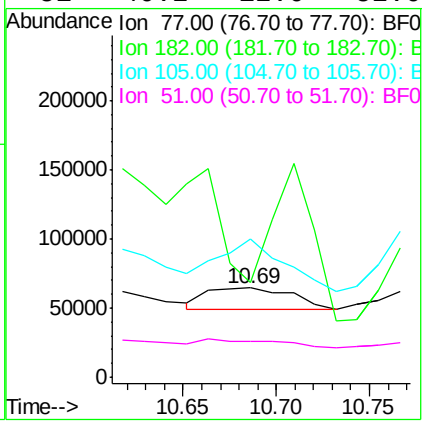


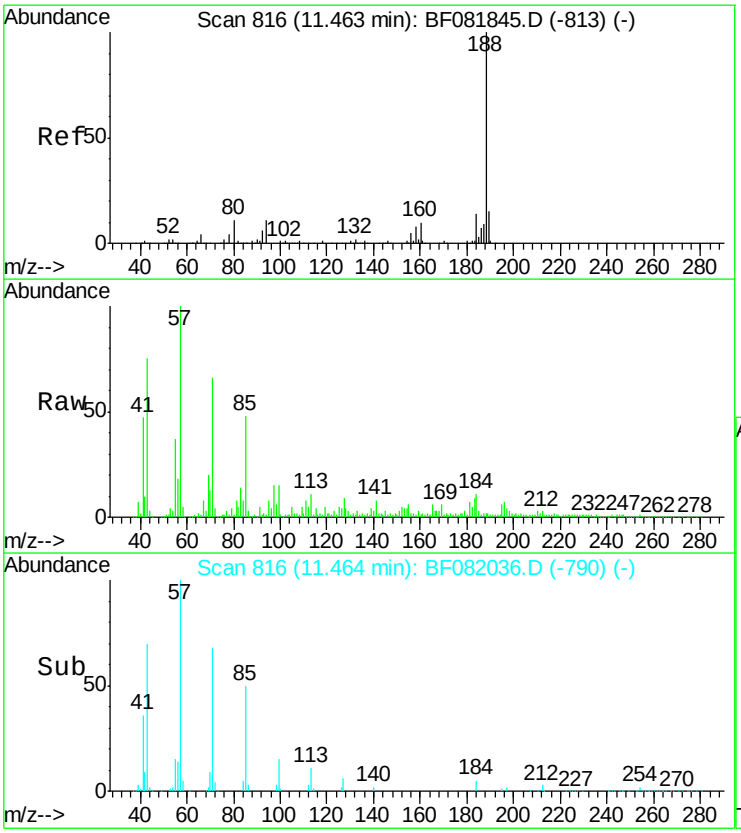
#62
Azobenzene
Concen: 26.54 ng
RT: 10.69 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion: 77 Resp: 47698

Ion	Ratio	Lower	Upper
77	100		
182	106.1	15.1	55.1#
105	154.5	3.4	43.4#
51	40.2	12.0	52.0

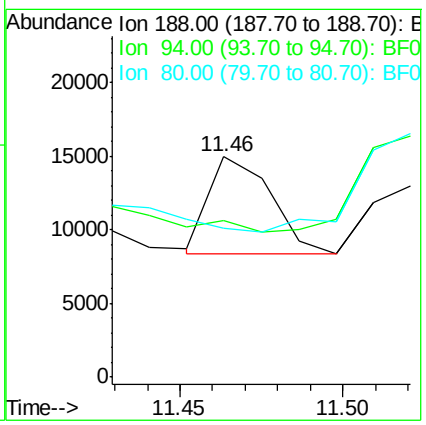


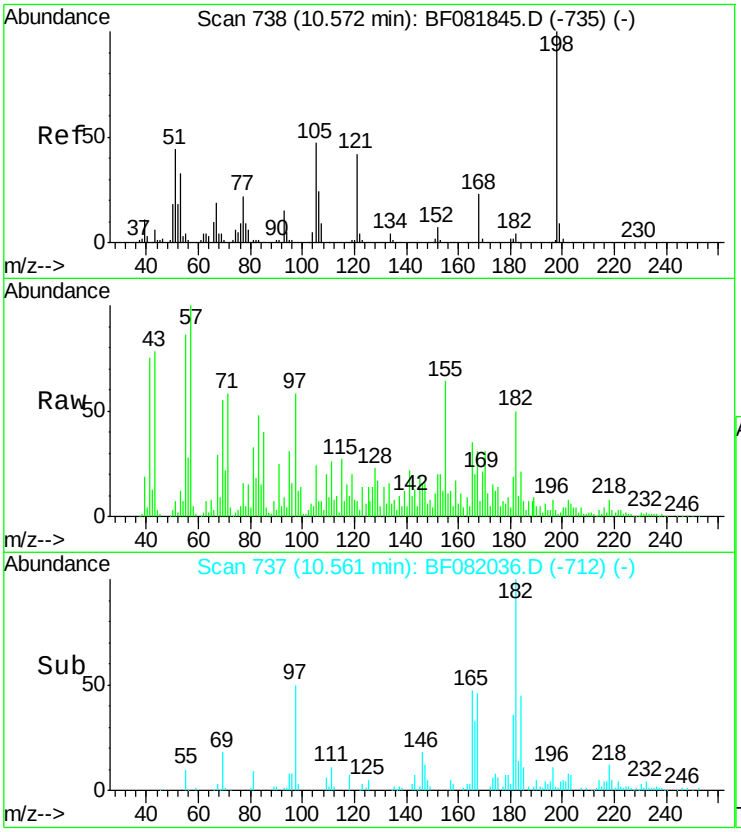


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:188 Resp: 8622

Ion	Ratio	Lower	Upper
188	100		
94	71.4	11.1	16.7#
80	67.8	11.0	16.4#



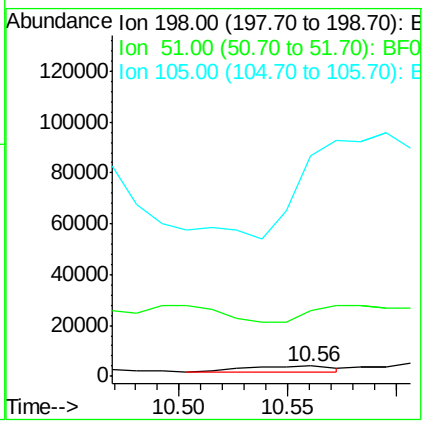


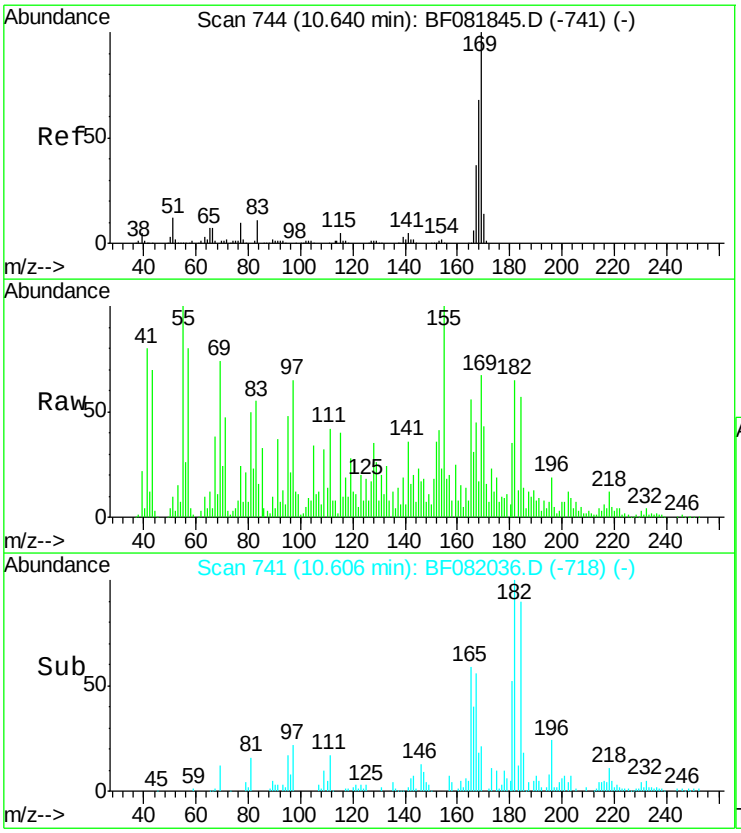
#64
4,6-Dinitro-2-methylphenol
Concen: 117.99 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:198 Resp: 6140

Ion	Ratio	Lower	Upper
198	100		
51	625.6	39.6	79.6#
105	2088.3	28.5	68.5#

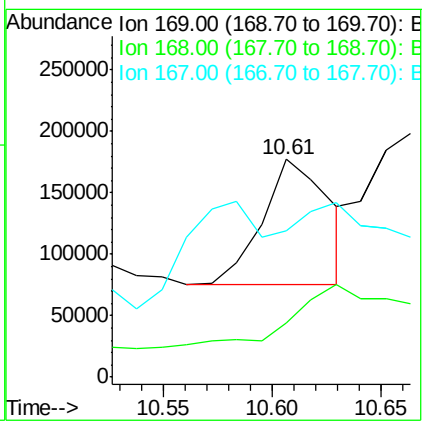


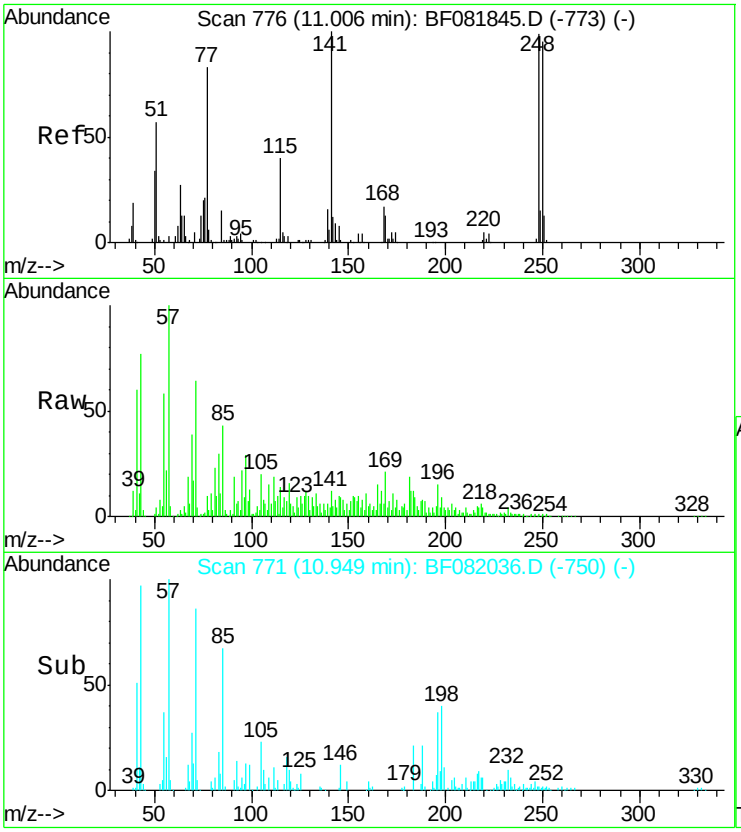


#65
n-Nitrosodiphenylamine
Concen: 844.54 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:169 Resp: 220312

Ion	Ratio	Lower	Upper
169	100		
168	25.2	48.9	73.3#
167	67.4	26.2	39.4#



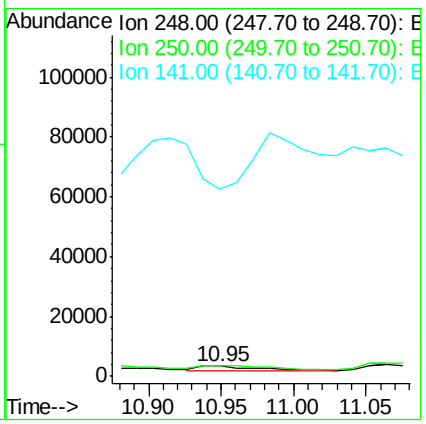


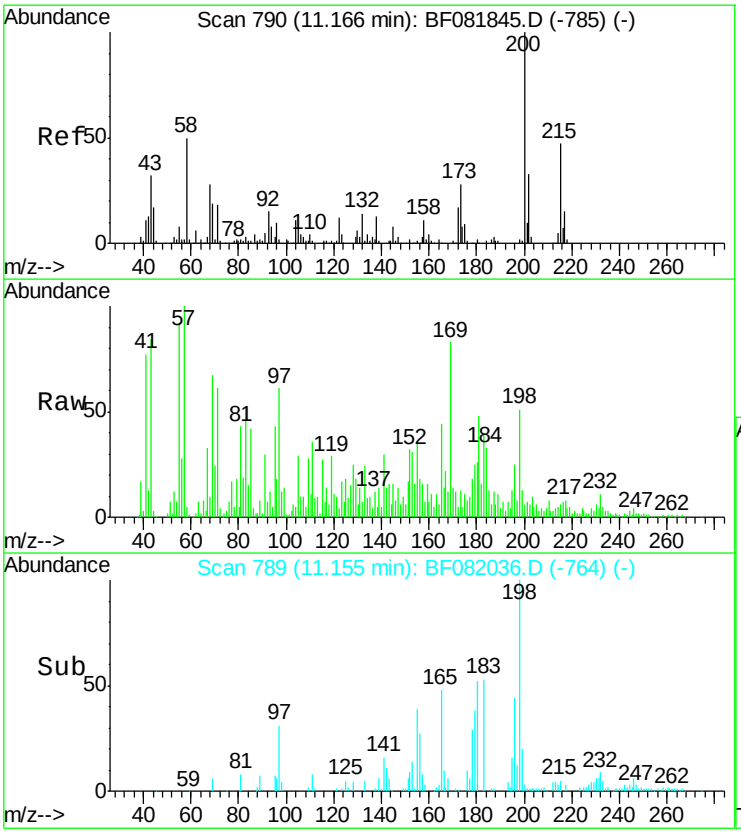
#66
4-Bromophenyl-phenylether
Concen: 59.04 ng
RT: 10.95 min Scan# 771
Delta R.T. -0.06 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:248 Resp: 5133

Ion	Ratio	Lower	Upper
248	100		
250	106.4	78.5	117.7
141	1854.2	59.0	88.6#

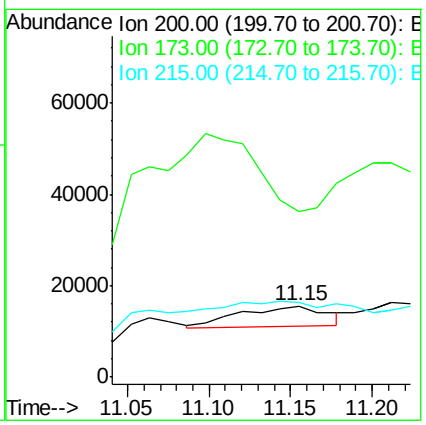


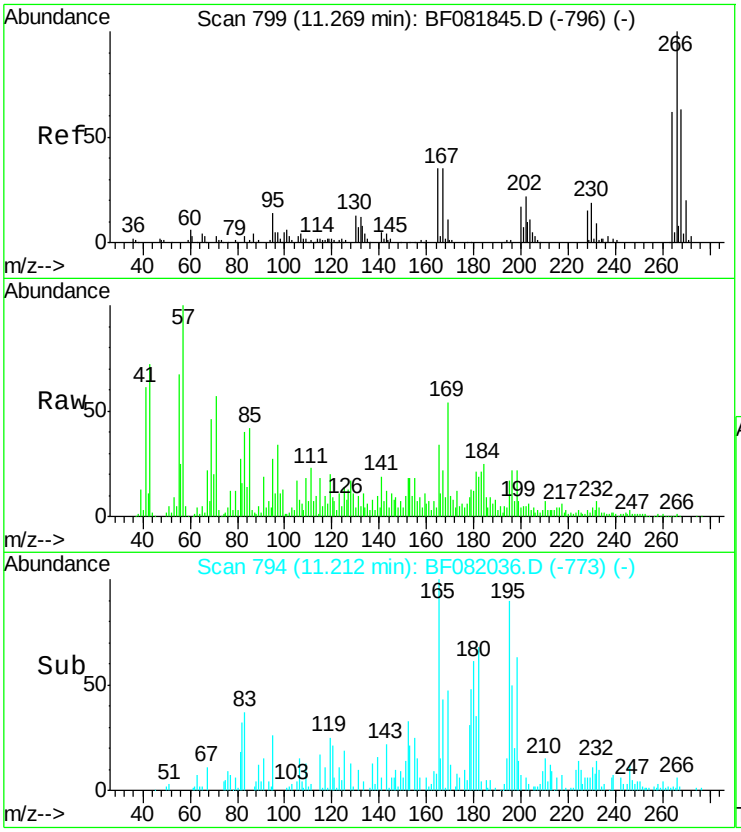


#68
Atrazine
Concen: 196.77 ng
RT: 11.15 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:200 Resp: 15927

Ion	Ratio	Lower	Upper
200	100		
173	231.8	13.2	53.2#
215	105.4	41.8	81.8#



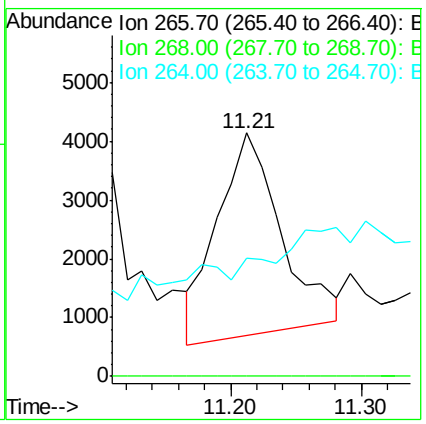


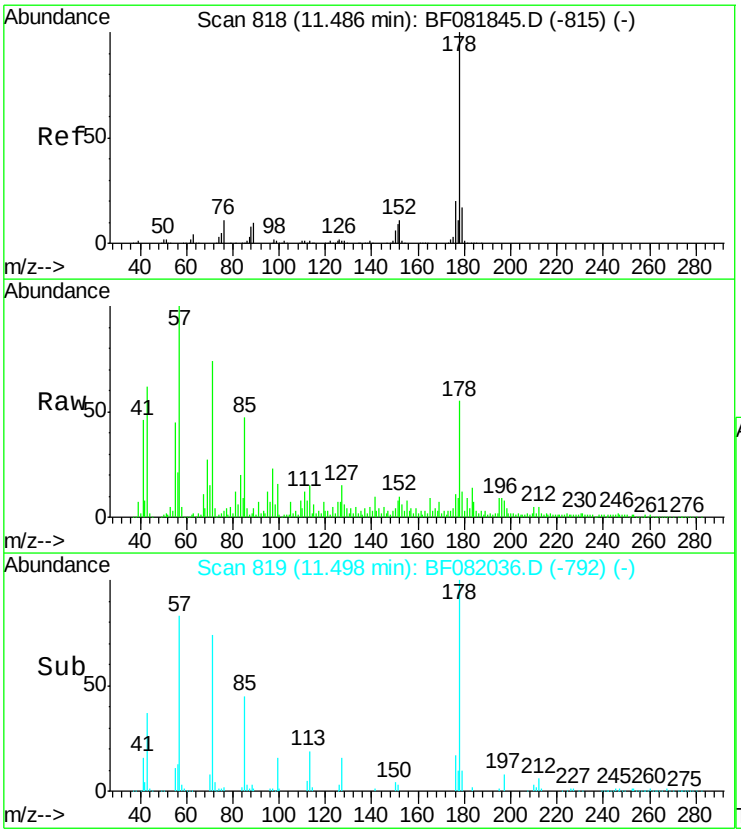
#69
Pentachlorophenol
Concen: 209.76 ng
RT: 11.21 min Scan# 794
Delta R.T. -0.06 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:266 Resp: 11726

Ion	Ratio	Lower	Upper
266	100		
268	0.0	49.8	74.6#
264	48.6	50.2	75.2#

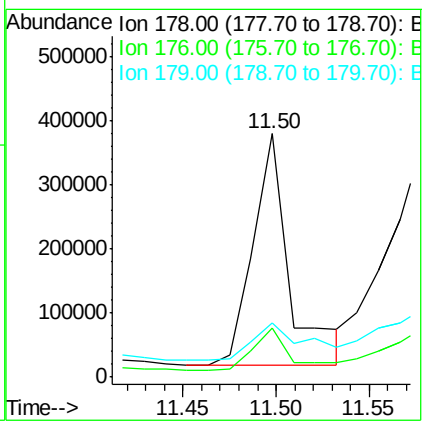


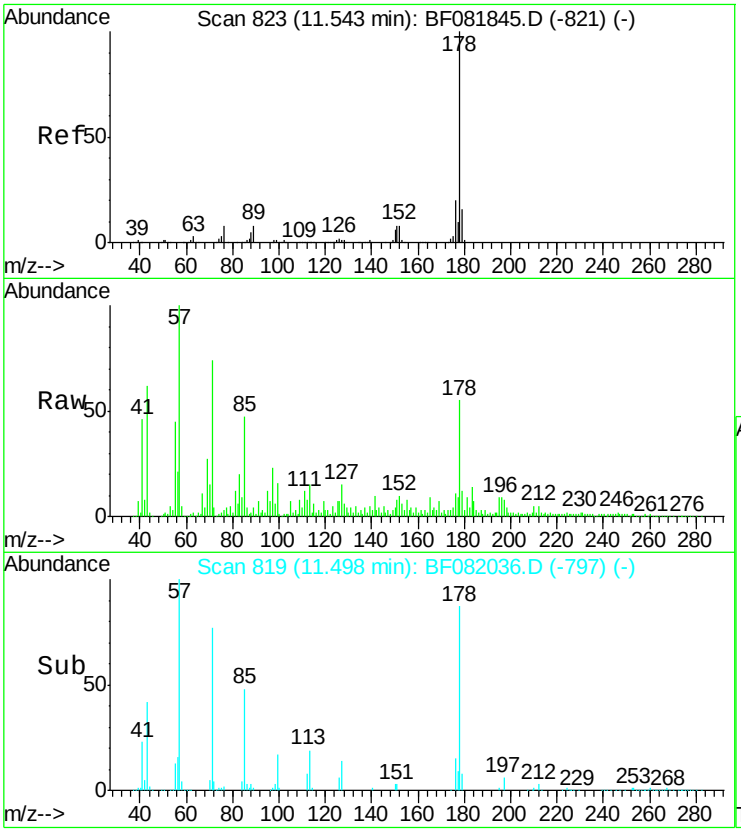


#70
Phenanthrene
Concen: 1219.26 ng
RT: 11.50 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:178 Resp: 487864

Ion	Ratio	Lower	Upper
178	100		
176	20.1	13.8	20.8
179	22.0	12.2	18.2#



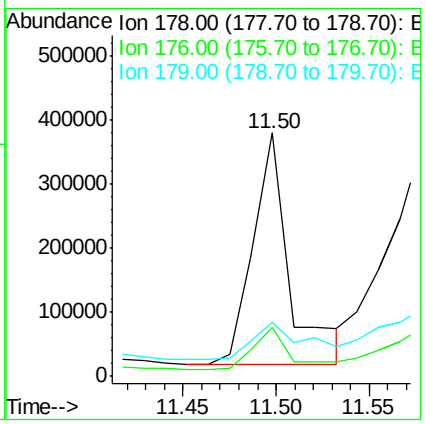


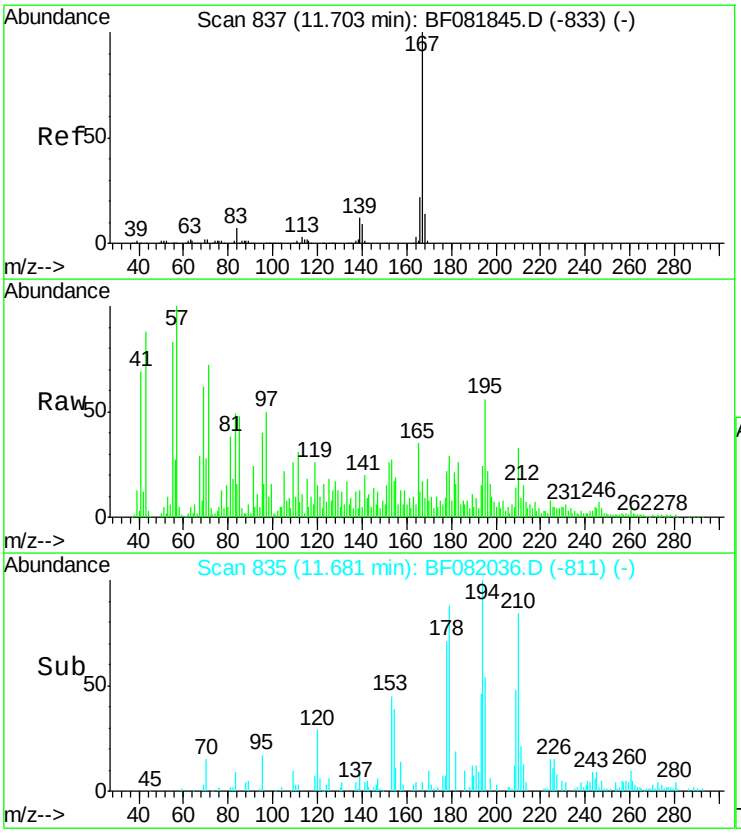
#71
Anthracene
Concen: 1113.26 ng
RT: 11.50 min Scan# 819
Delta R.T. -0.05 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:178 Resp: 487864

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.1	21.1
179	22.0	12.2	18.2#

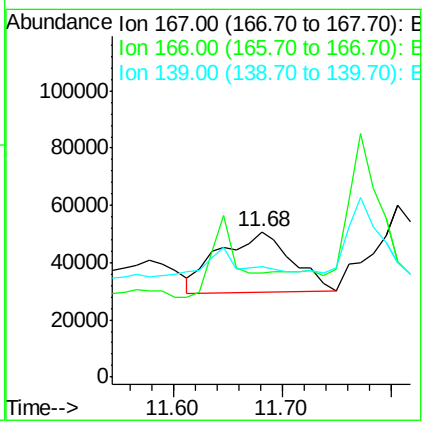


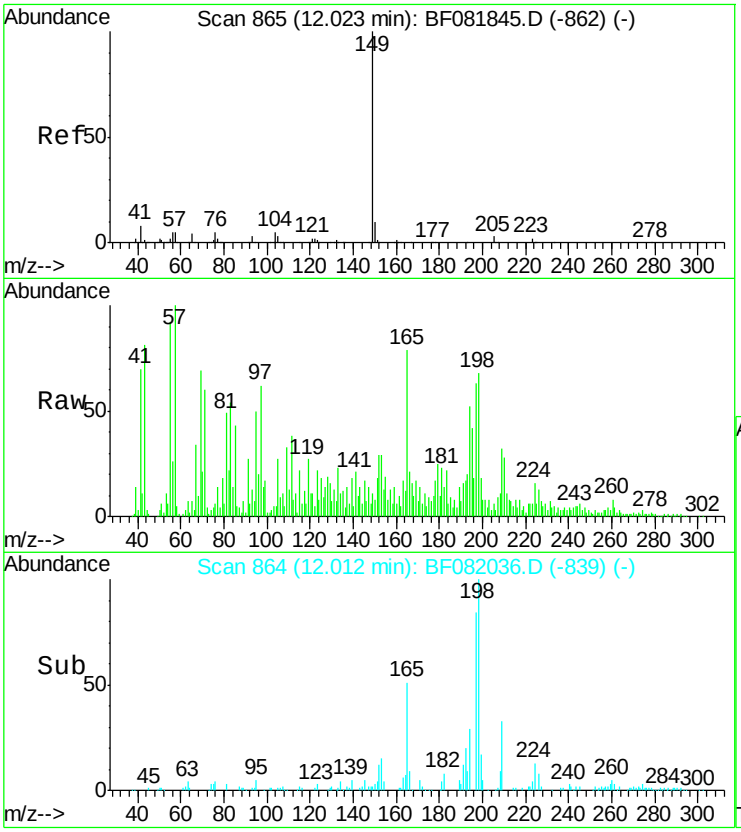


#72
Carbazole
Concen: 244.11 ng
RT: 11.68 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:167 Resp: 96818

Ion	Ratio	Lower	Upper
167	100		
166	71.8	15.7	23.5#
139	75.6	9.5	14.3#



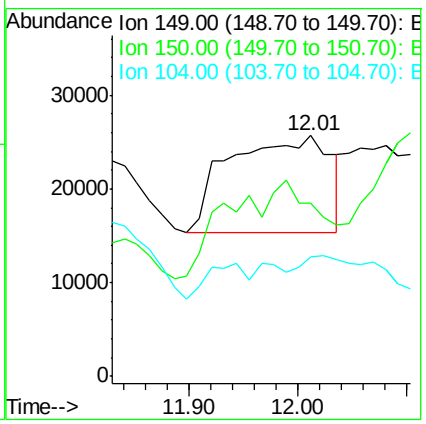


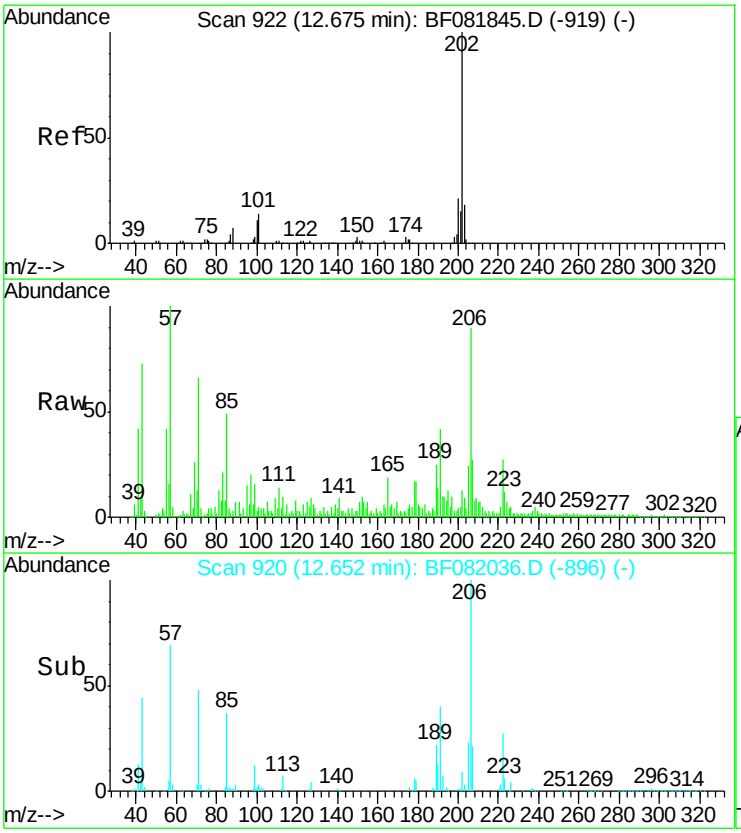
#73
Di-n-butylphthalate
Concen: 168.85 ng
RT: 12.01 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:149 Resp: 66718

Ion	Ratio	Lower	Upper
149	100		
150	71.7	7.4	11.2#
104	49.9	2.4	3.6#

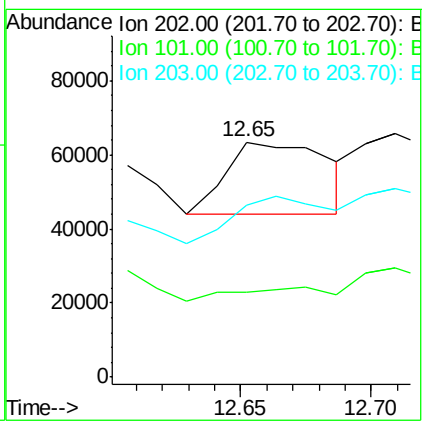


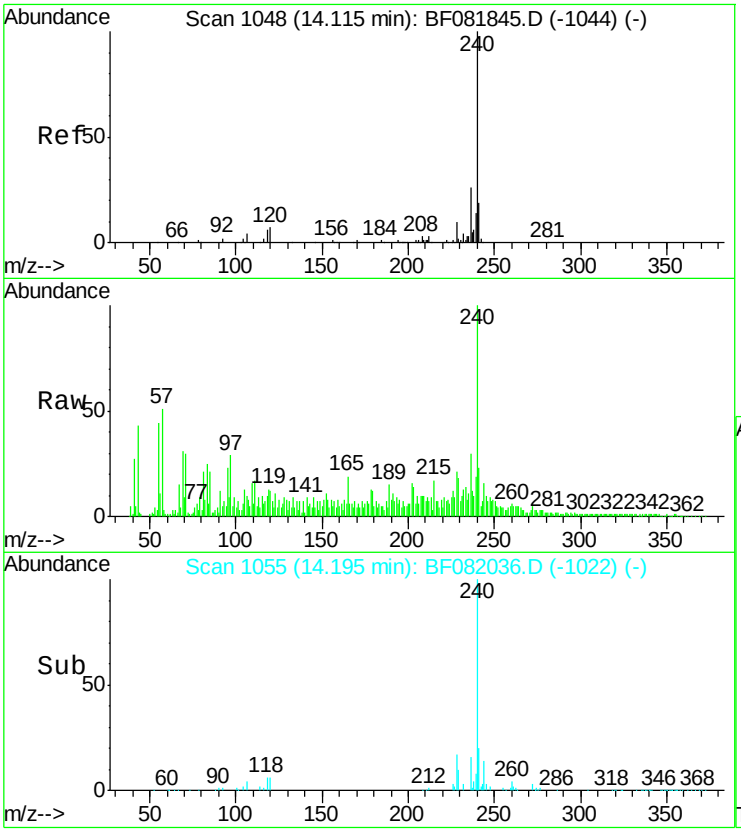


#74
Fluoranthene
Concen: 114.88 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:202 Resp: 53059

Ion	Ratio	Lower	Upper
202	100		
101	36.4	0.0	38.3
203	73.5	0.0	37.3#



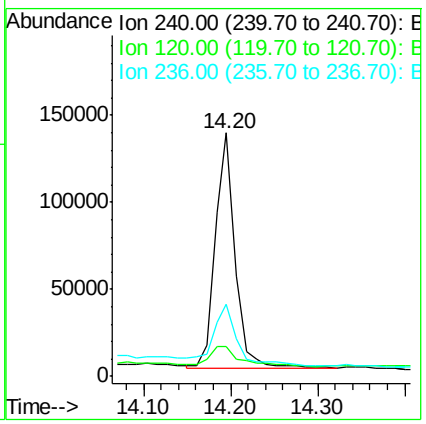


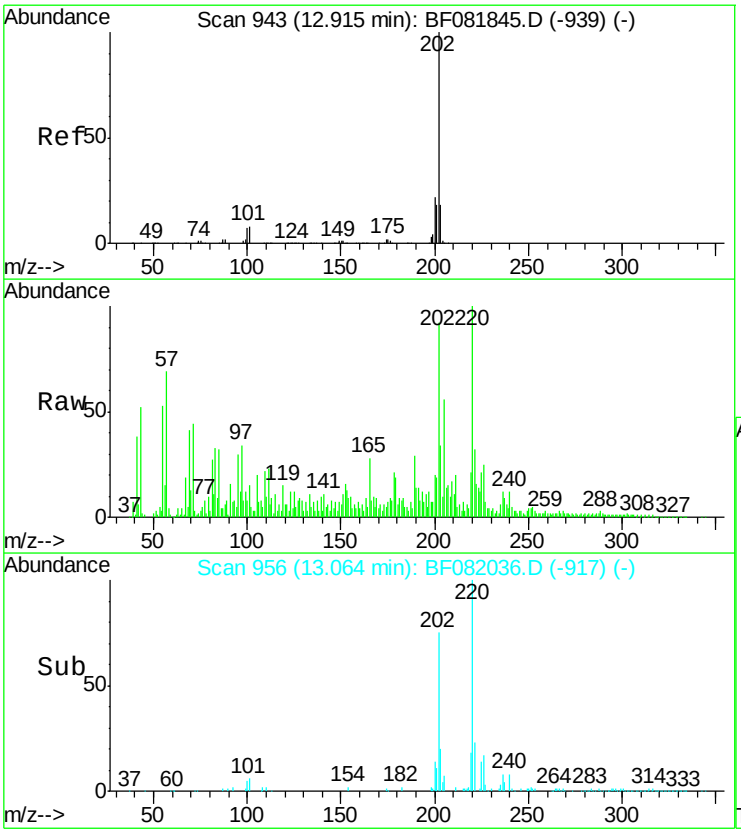
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1055
Delta R.T. 0.08 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:240 Resp: 215959

Ion	Ratio	Lower	Upper
240	100		
120	12.2	16.2	24.2#
236	29.8	18.4	27.6#

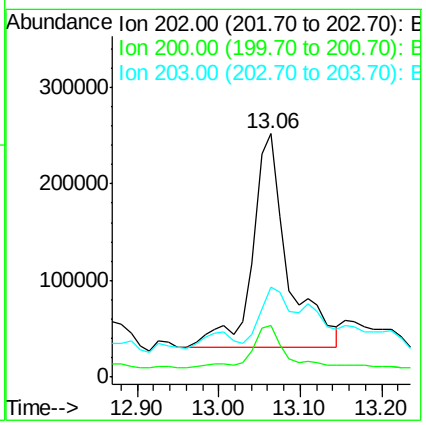


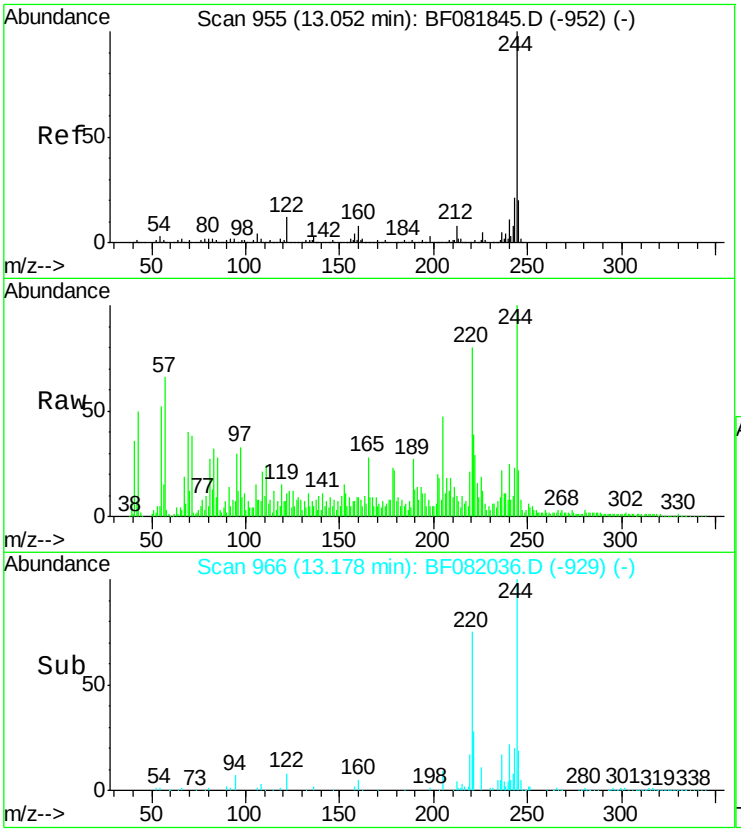


#77
Pyrene
Concen: 52.43 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.15 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:202 Resp: 676462

Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	36.9	14.1	21.1#



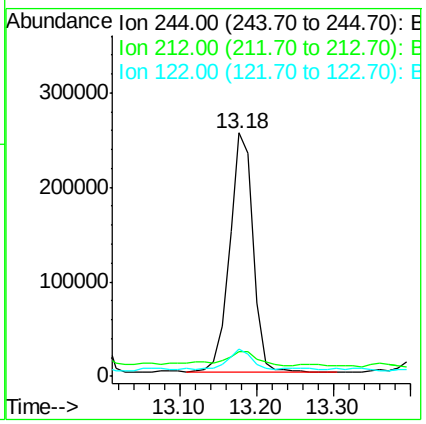


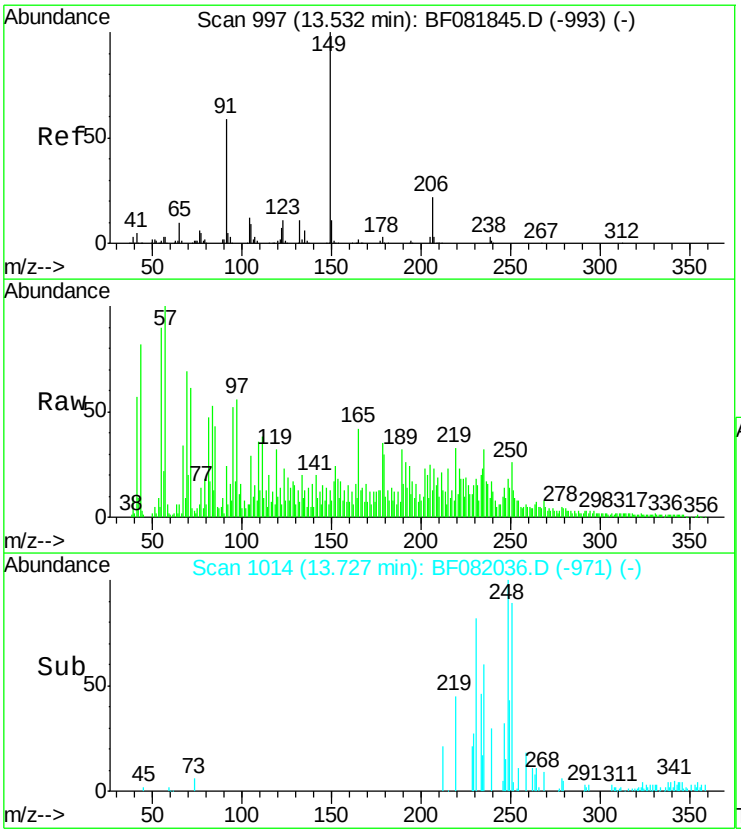
#78
Terphenyl-d14
Concen: 79.71 ng
RT: 13.18 min Scan# 966
Delta R.T. 0.13 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:244 Resp: 542253

Ion	Ratio	Lower	Upper
244	100		
212	10.4	4.3	6.5#
122	11.3	17.4	26.2#

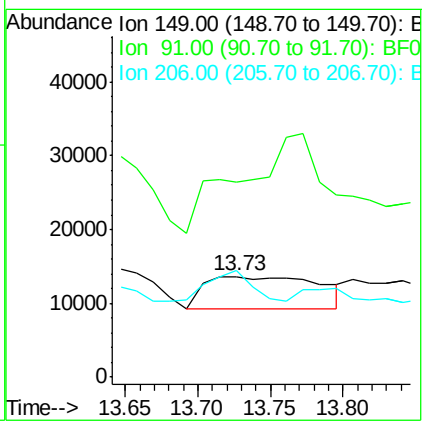


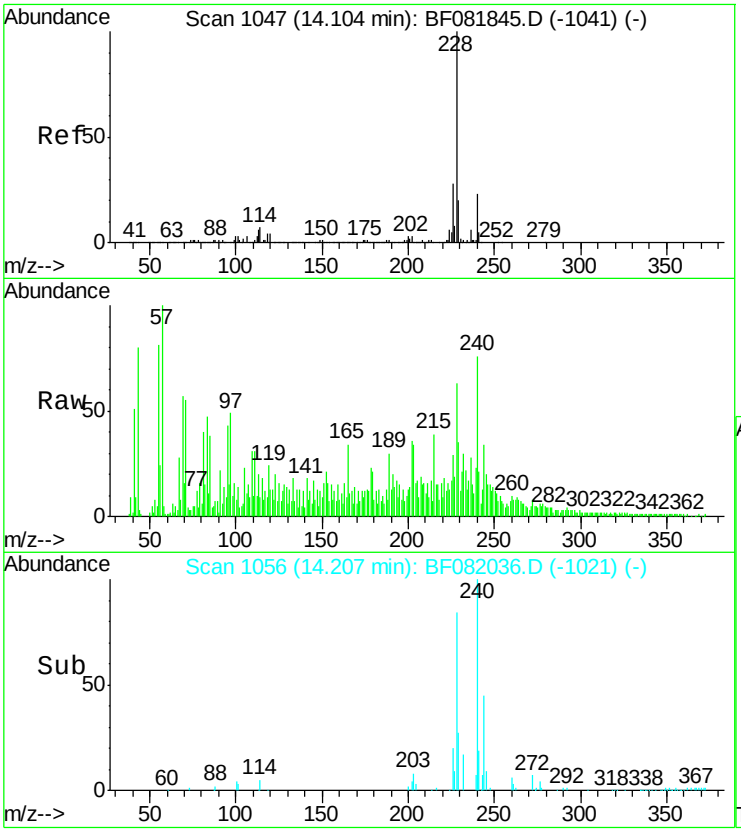


#79
Butylbenzylphthalate
Concen: 4.92 ng
RT: 13.73 min Scan# 1014
Delta R.T. 0.19 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:149 Resp: 23869

Ion	Ratio	Lower	Upper
149	100		
91	194.1	48.6	72.8#
206	105.8	14.9	22.3#



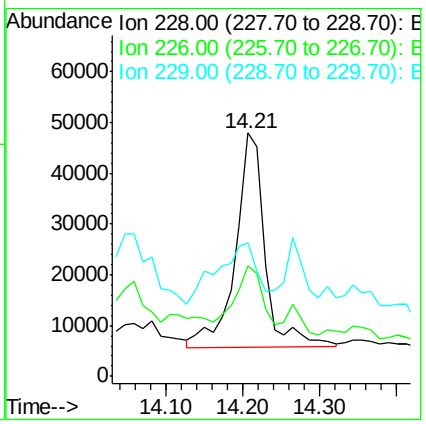


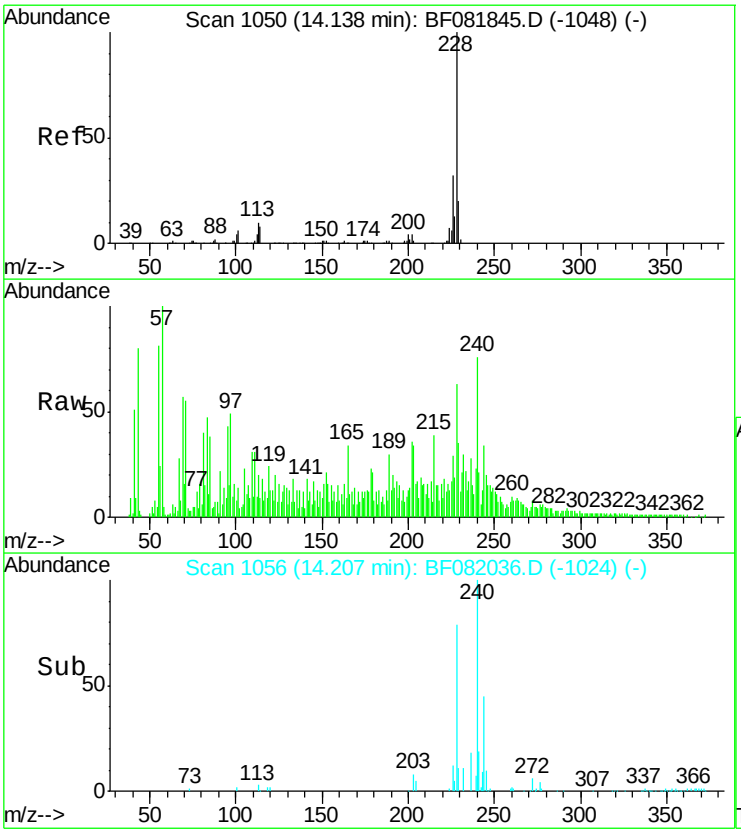
#80
Benzo(a)anthracene
Concen: 9.72 ng
RT: 14.21 min Scan# 1056
Delta R.T. 0.10 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:228 Resp: 113026

Ion	Ratio	Lower	Upper
228	100		
226	45.5	20.0	30.0#
229	55.0	15.4	23.2#

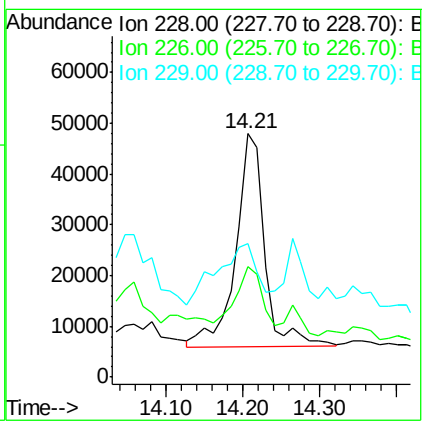


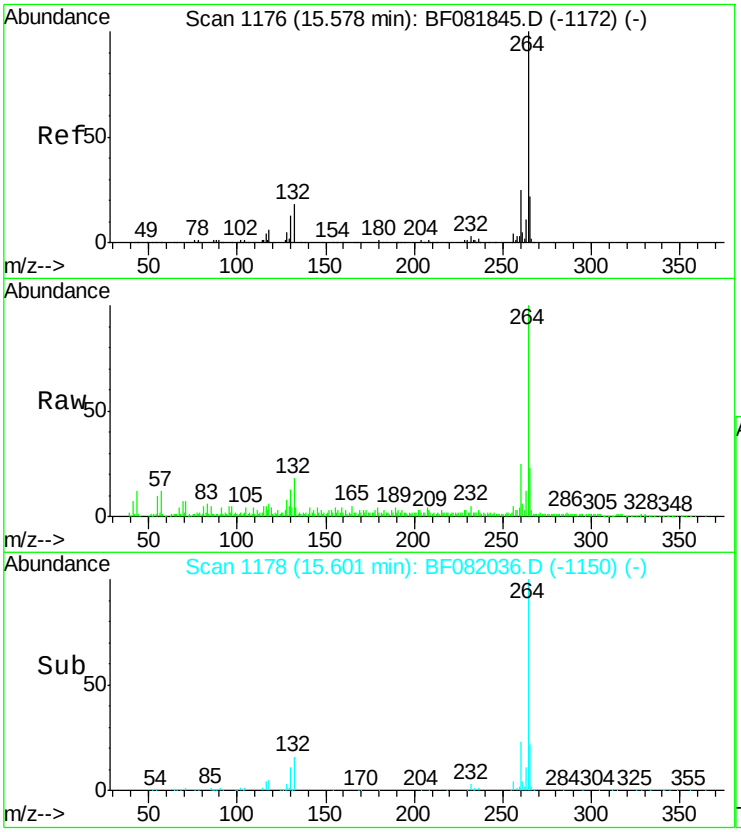


#82
Chrysene
Concen: 8.35 ng
RT: 14.21 min Scan# 1056
Delta R.T. 0.07 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Tgt Ion:228 Resp: 110526

Ion	Ratio	Lower	Upper
228	100		
226	45.5	21.0	31.4#
229	55.0	15.6	23.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF082036.D
Acq: 3 Oct 2015 22:25

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:264 Resp: 204001

Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	22.8	17.2	25.8