Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086838.D
Acq On : 9 May 2016 23:31
Operator : UM/SJ
Sample : H2895-04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4-6-7FT

Quant Time: May 10 02:08:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	187856	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	788550	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	387906	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	709107	20.00	ng		0.00
75) Chrysene-d12	13.84	240	517959	20.00	ng		0.00
86) Perylene-d12	15.21	264	411277	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	916830	82.65	ng		0.00
7) Phenol-d6	6.35	99	1129460	76.19	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1202384	76.56	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	325461	79.25	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1612891	69.88	ng		0.00
78) Terphenyl-d14	12.79	244	1806489	74.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	199488	36.63	ng	#	71
3) Pyridine	2.85	79	568932	42.73	ng	#	60
4) n-Nitrosodimethylamine	2.82	42	370344	38.36	ng	#	52
6) Aniline	6.36	93	694409	38.73	ng	#	66
8) 2-Chlorophenol	6.49	128	502396	37.53	ng		97
9) Benzaldehyde	6.24	77	309454	36.05	ng		93
10) Phenol	6.37	94	617346	35.03	ng		79
11) bis(2-Chloroethyl)ether	6.44	93	561891	40.90	ng		93
12) 1,3-Dichlorobenzene	6.62	146	543802	37.54	ng	#	89
13) 1,4-Dichlorobenzene	6.70	146	539480	36.52	ng	#	91
14) 1,2-Dichlorobenzene	6.86	146	508873	39.53	ng		98
15) Benzyl Alcohol	6.85	79	397774	38.86	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1061168	35.52	ng		66
17) 2-Methylphenol	6.98	107	415263	38.99	ng	#	82
18) Hexachloroethane	7.20	117	210808	37.93	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	420760	40.61	ng	#	77
20) 3+4-Methylphenols	7.14	107	544748	39.16	ng	#	57
22) Acetophenone	7.12	105	711377	38.19	ng		98
24) Nitrobenzene	7.29	77	626410	38.78	ng		98
25) Isophorone	7.53	82	1086085	37.27	ng		99
26) 2-Nitrophenol	7.61	139	280903	39.56	ng		95
27) 2,4-Dimethylphenol	7.65	122	422080	34.89	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	637475	40.56	ng		98
29) 2,4-Dichlorophenol	7.85	162	400286	37.60	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	460007	38.64	ng		99
31) Naphthalene	8.01	128	1466124	37.12	ng		100
32) Benzoic acid	7.81	122	301857	42.49	ng	#	81
33) 4-Chloroaniline	8.06	127	600161	39.11	ng	#	94
34) Hexachlorobutadiene	8.12	225	263093	38.09	ng		98
35) Caprolactam	8.45	113	133899	36.96	ng	#	50
36) 4-Chloro-3-methylphenol	8.57	107	469614	36.37	ng		93
37) 2-Methylnaphthalene	8.69	142	928911	40.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	408604	36.23	ng		100
40) Hexachlorocyclopentadiene	8.84	237	183567	34.29	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086838.D
Acq On : 9 May 2016 23:31
Operator : UM/SJ
Sample : H2895-04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4-6-7FT

Quant Time: May 10 02:08:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	274461	36.39	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	293840	37.67	ng	#	87
45) 1,1'-Biphenyl	9.16	154	1229249	39.84	ng		98
46) 2-Chloronaphthalene	9.18	162	952245	39.39	ng		99
47) 2-Nitroaniline	9.29	65	337095	38.16	ng	#	76
48) Acenaphthylene	9.60	152	1445702	40.66	ng		99
49) Dimethylphthalate	9.47	163	1083542	36.61	ng		100
50) 2,6-Dinitrotoluene	9.53	165	222572	35.74	ng	#	69
51) Acenaphthene	9.77	154	902291	40.79	ng		99
52) 3-Nitroaniline	9.70	138	241793	36.88	ng	#	76
53) 2,4-Dinitrophenol	9.81	184	105501	37.65	ng	#	82
54) Dibenzofuran	9.94	168	1164154	41.00	ng		100
55) 4-Nitrophenol	9.88	139	167214	40.63	ng	#	48
56) 2,4-Dinitrotoluene	9.94	165	289961	37.62	ng	#	85
57) Fluorene	10.28	166	963939	39.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	229820	39.14	ng		98
59) Diethylphthalate	10.17	149	1134024	39.32	ng		96
60) 4-Chlorophenyl-phenylether	10.27	204	417695	38.16	ng		96
61) 4-Nitroaniline	10.32	138	263389	41.82	ng	#	71
62) Azobenzene	10.43	77	1200604	38.59	ng		88
64) 4,6-Dinitro-2-methylphenol	10.34	198	162006	36.78	ng	#	34
65) n-Nitrosodiphenylamine	10.40	169	840265	38.57	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	291566	40.55	ng	#	81
67) Hexachlorobenzene	10.82	284	301320	35.86	ng	#	75
68) Atrazine	10.93	200	276702	38.02	ng		95
69) Pentachlorophenol	11.02	266	165778	42.69	ng		98
70) Phenanthrene	11.23	178	1280376	33.83	ng		100
71) Anthracene	11.29	178	1533326	39.62	ng		100
72) Carbazole	11.45	167	1295204	38.93	ng		98
73) Di-n-butylphthalate	11.78	149	1616789	39.79	ng	#	99
74) Fluoranthene	12.41	202	1441438	37.03	ng		99
76) Benzidine	12.54	184	529218	40.08	ng		98
77) Pyrene	12.64	202	1360549	34.31	ng		100
79) Butylbenzylphthalate	13.27	149	632766	37.73	ng	#	74
80) Benzo(a)anthracene	13.83	228	1078765	37.10	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	745037	40.33	ng	#	95
82) Chrysene	13.86	228	951529	32.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	778646	38.59	ng		98
84) Di-n-octyl phthalate	14.43	149	1295655	38.77	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	927317	37.68	ng		95
87) Benzo(b)fluoranthene	14.85	252	1841719	68.90	ng		97
88) Benzo(k)fluoranthene	14.85	252	1843533	84.23	ng		99
89) Benzo(a)pyrene	15.15	252	843130	36.57	ng		97
90) Dibenzo(a,h)anthracene	16.51	278	759626	39.09	ng		96
91) Benzo(g,h,i)perylene	16.89	276	778871	39.45	ng	#	93

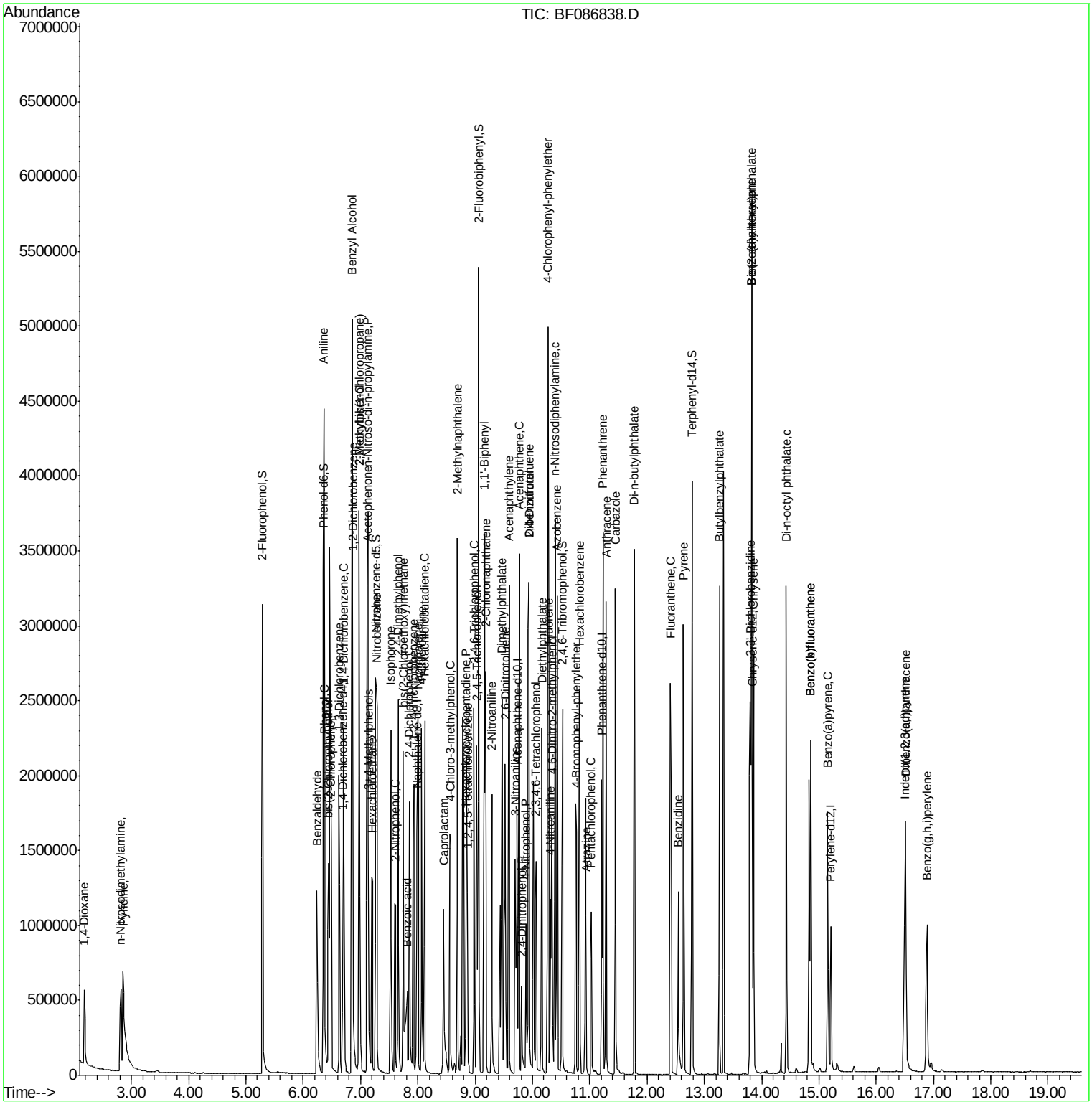
(#) = qualifier out of range (m) = manual integration (+) = signals summed

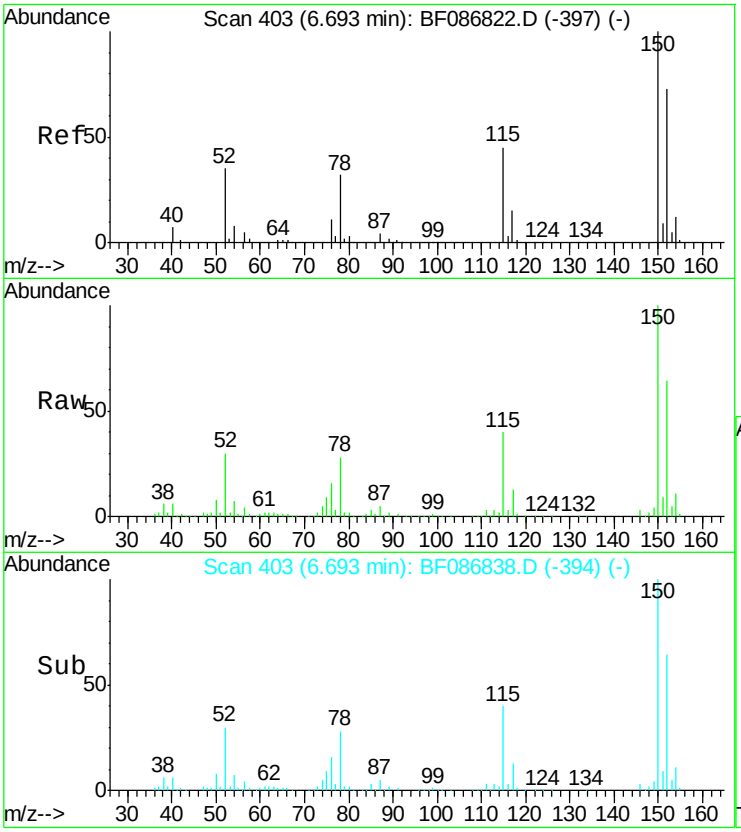
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
Data File : BF086838.D
Acq On : 9 May 2016 23:31
Operator : UM/SJ
Sample : H2895-04
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Quant Time: May 10 02:08:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration



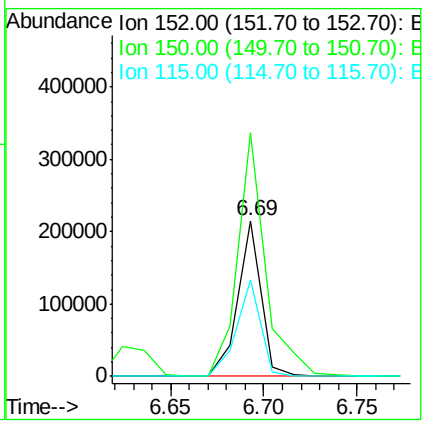


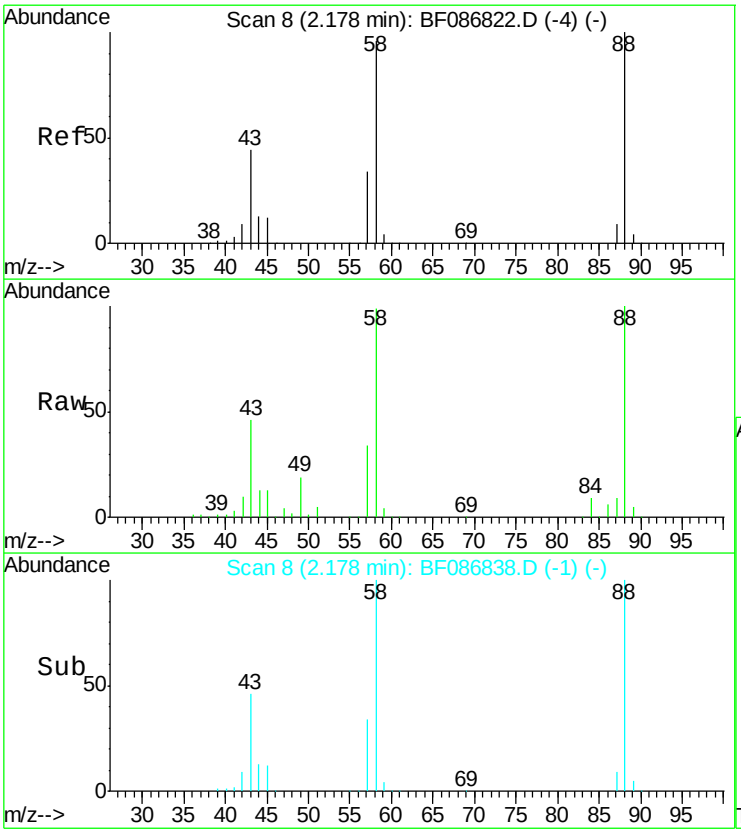
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:152 Resp: 187856

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.8	188.6
115	62.4	51.5	77.3

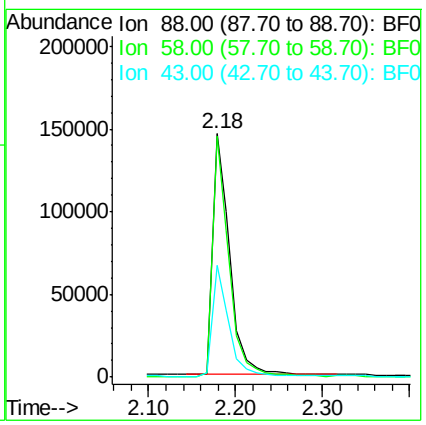


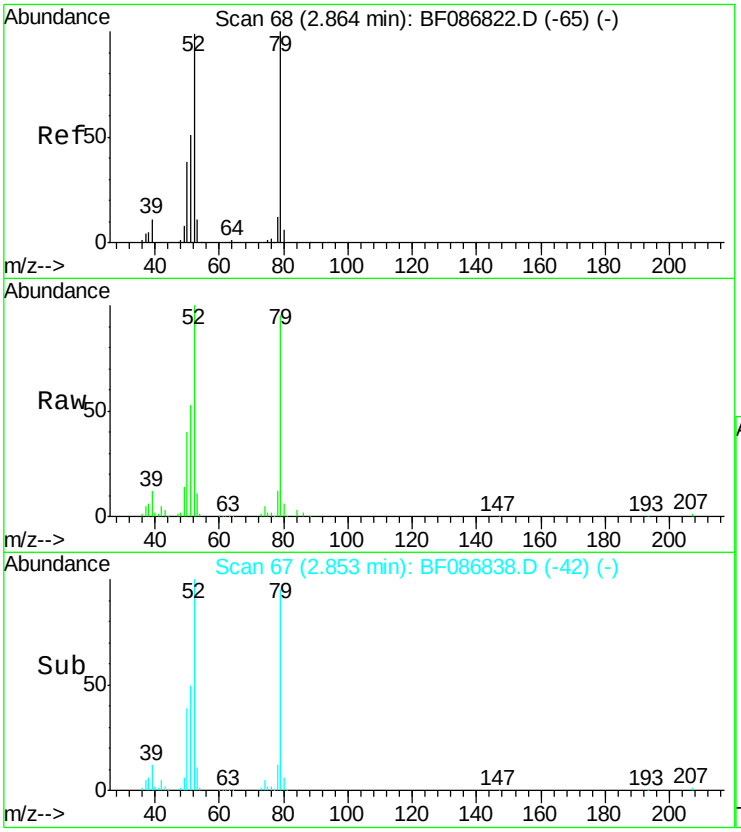


#2
1,4-Dioxane
Concen: 36.63 ng
RT: 2.18 min Scan# 8
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 88 Resp: 199488

Ion	Ratio	Lower	Upper
88	100		
58	98.1	59.6	89.4#
43	44.6	21.8	32.6#



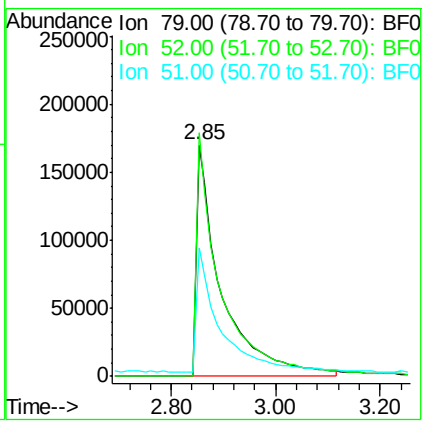


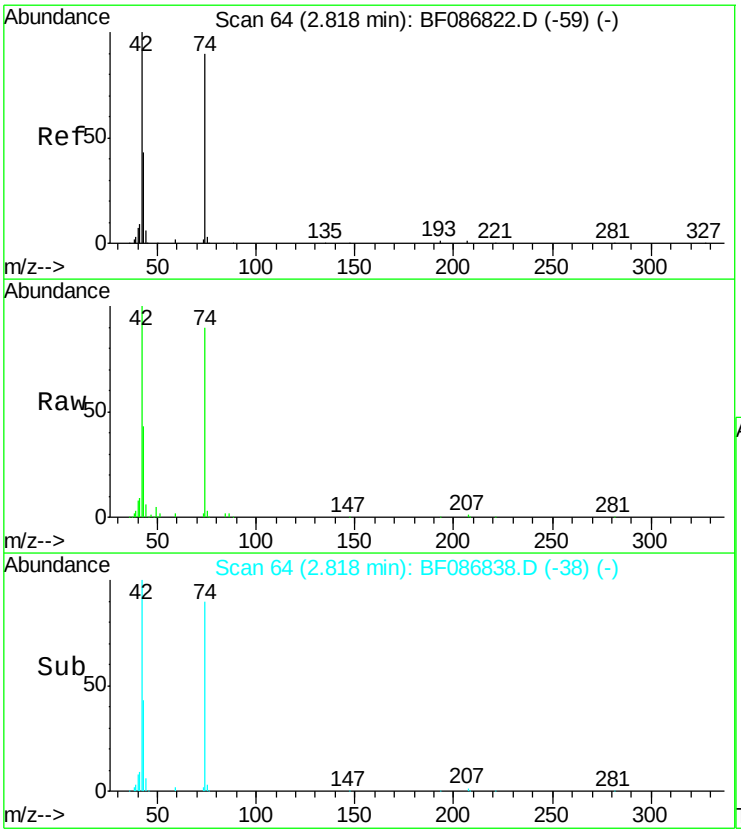
#3
Pyridine
Concen: 42.73 ng
RT: 2.85 min Scan# 67
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 79 Resp: 568932

Ion	Ratio	Lower	Upper
79	100		
52	105.2	55.9	83.9#
51	55.4	28.1	42.1#

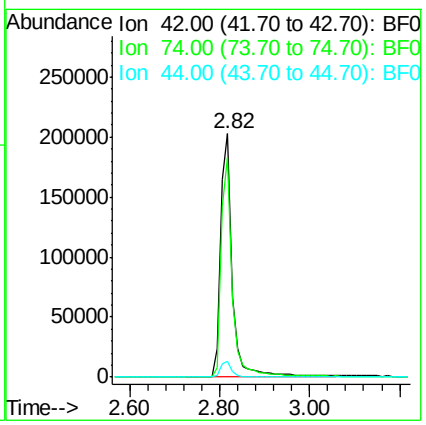


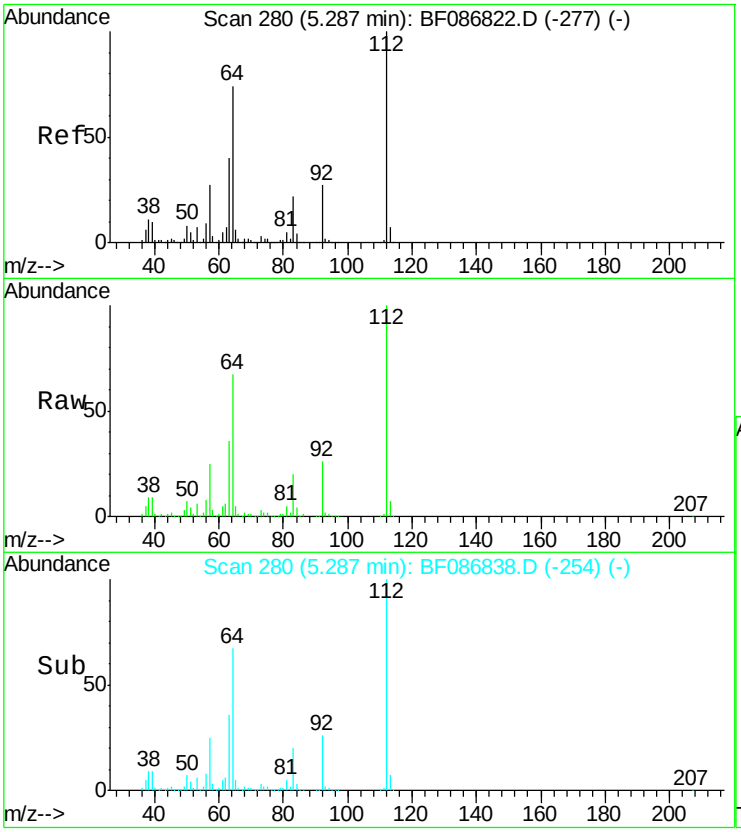


#4
n-Nitrosodimethylamine
Concen: 38.36 ng
RT: 2.82 min Scan# 64
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 42 Resp: 370344

Ion	Ratio	Lower	Upper
42	100		
74	89.9	123.4	185.0#
44	6.5	5.8	8.6



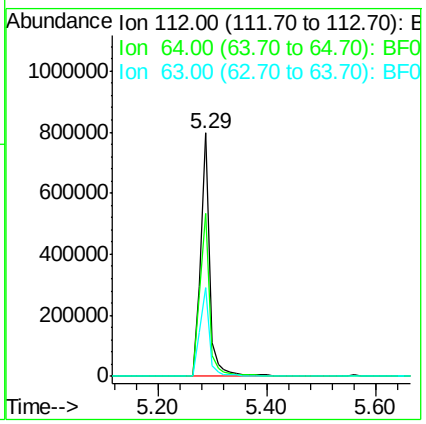


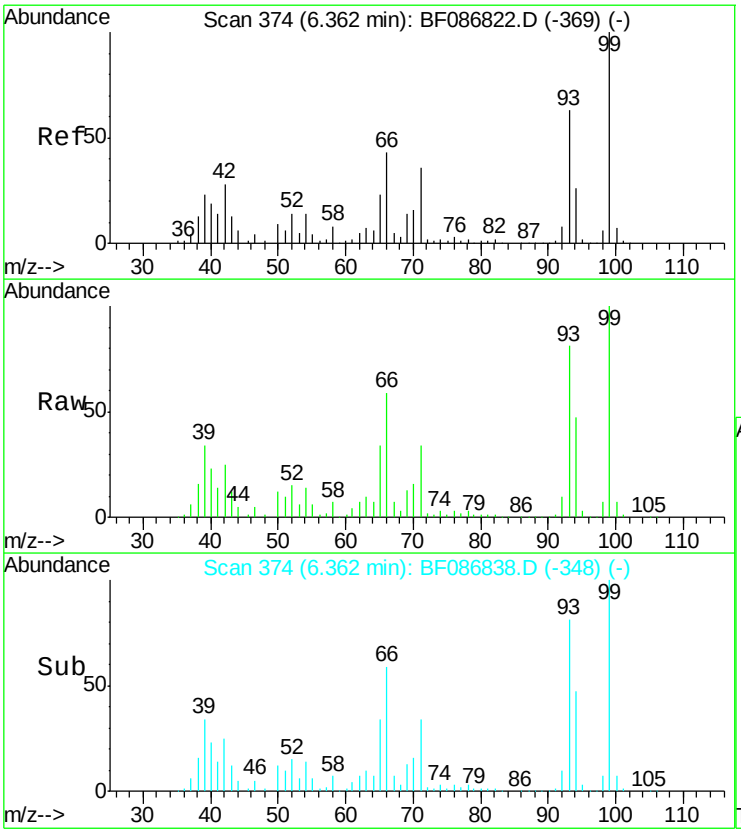
#5
2-Fluorophenol
Concen: 82.65 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:112 Resp: 916830

Ion	Ratio	Lower	Upper
112	100		
64	67.1	52.1	78.1
63	36.2	25.7	38.5

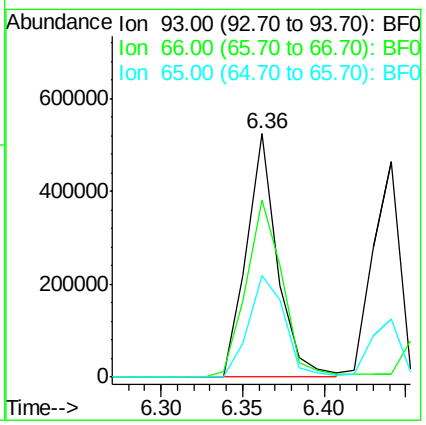


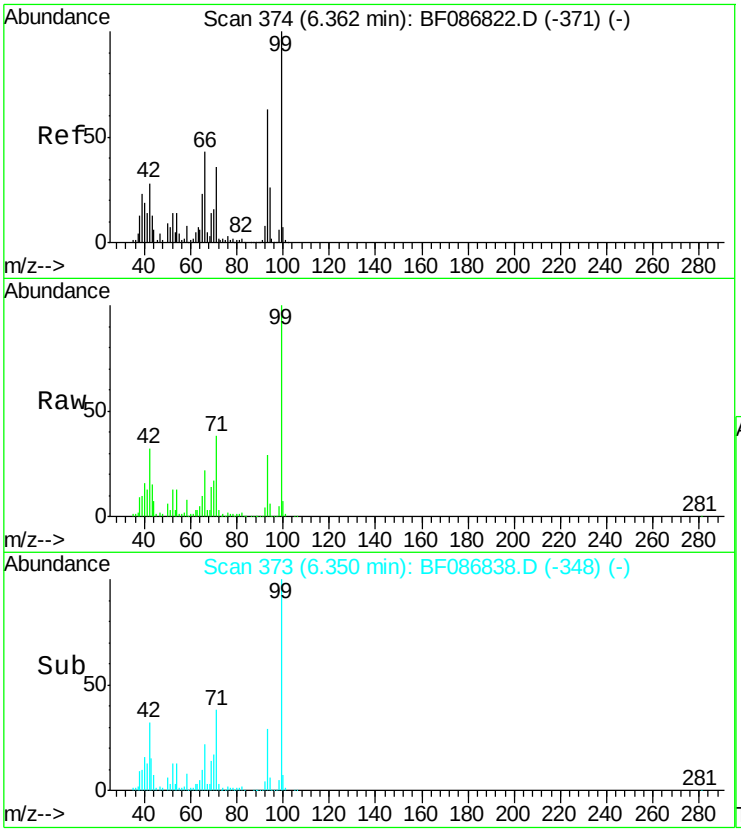


#6
Aniline
Concen: 38.73 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 93 Resp: 694409

Ion	Ratio	Lower	Upper
93	100		
66	72.6	39.0	58.6#
65	41.8	20.6	31.0#



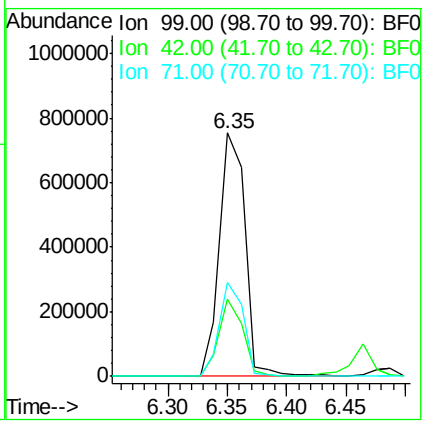


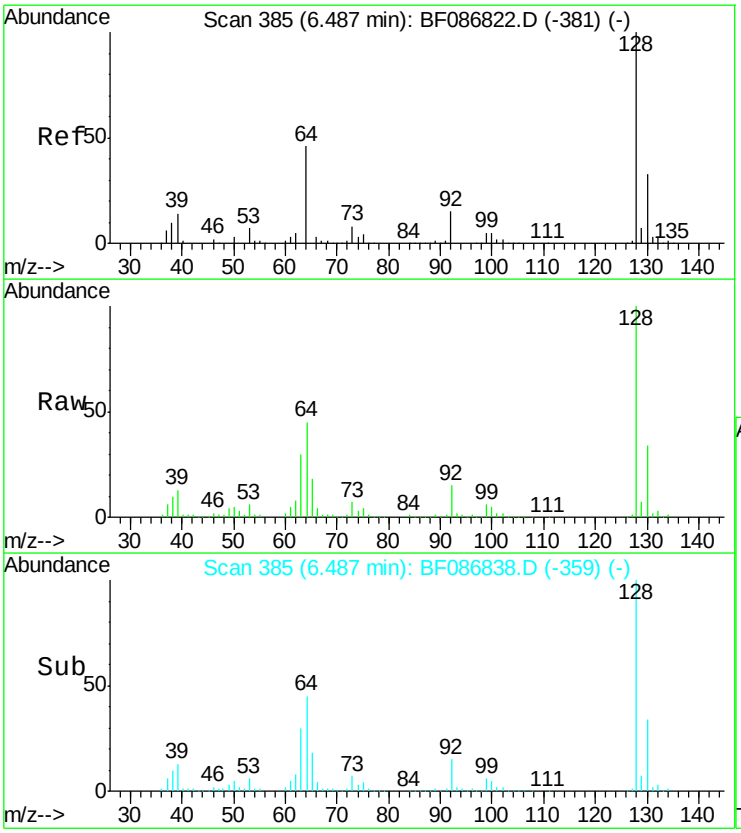
#7
Phenol-d6
Concen: 76.19 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 99 Resp: 1129460

Ion	Ratio	Lower	Upper
99	100		
42	31.6	13.6	20.4#
71	38.4	24.6	36.8#

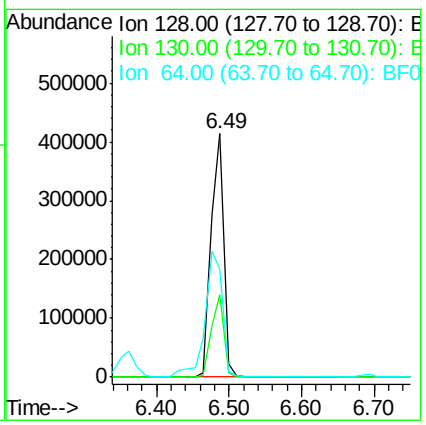


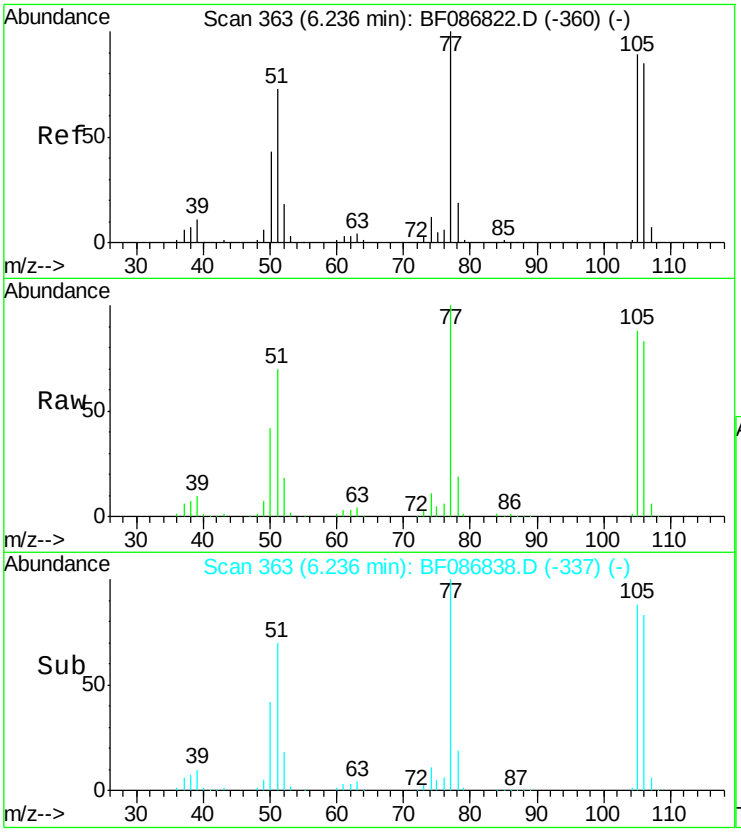


#8
2-Chlorophenol
Concen: 37.53 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:128 Resp: 502396

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.5	52.5
64	44.6	27.3	67.3



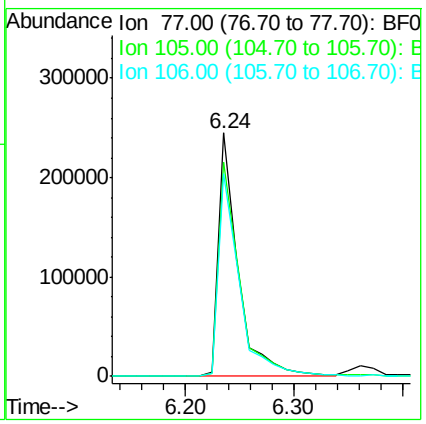


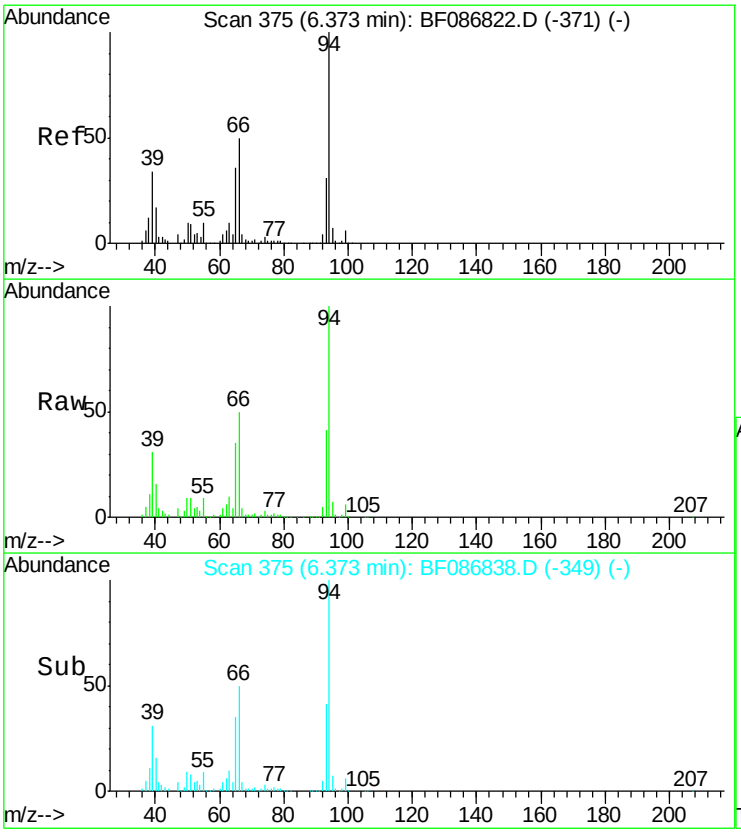
#9
Benzaldehyde
Concen: 36.05 ng
RT: 6.24 min Scan# 363
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 77 Resp: 309454

Ion	Ratio	Lower	Upper
77	100		
105	87.9	72.7	112.7
106	83.1	70.8	110.8

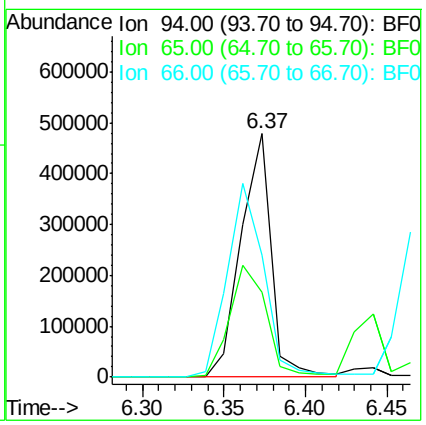


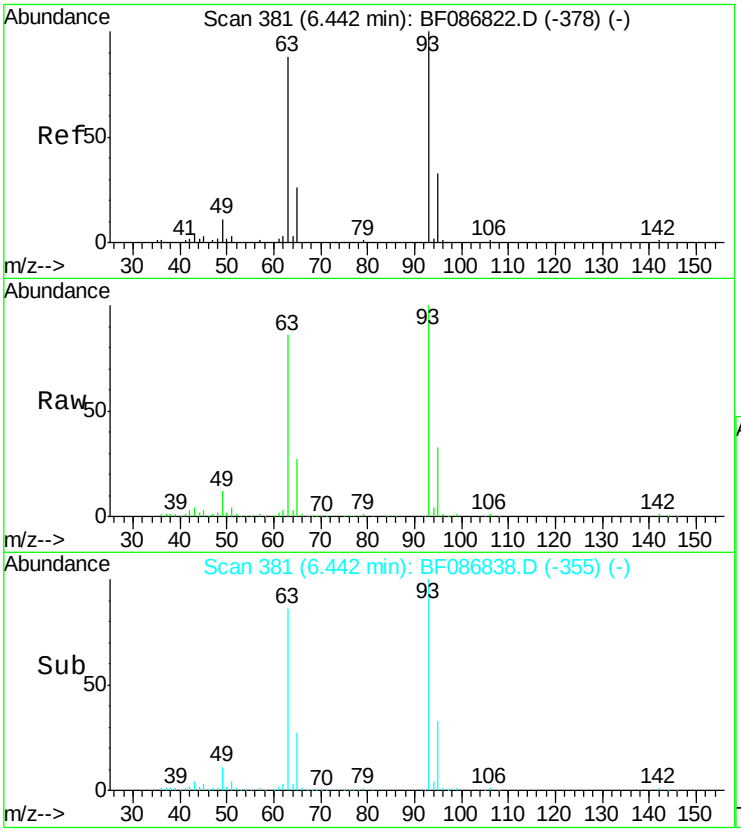


#10
Phenol
Concen: 35.03 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 94 Resp: 617346

Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.2	47.2
66	50.4	14.9	54.9



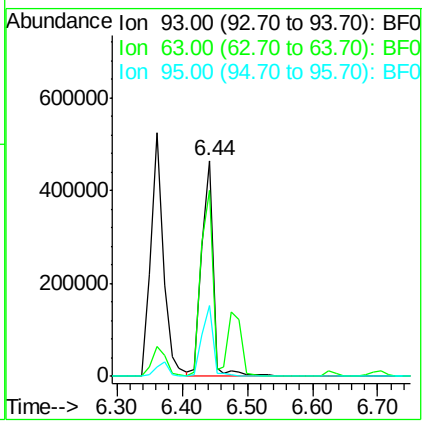


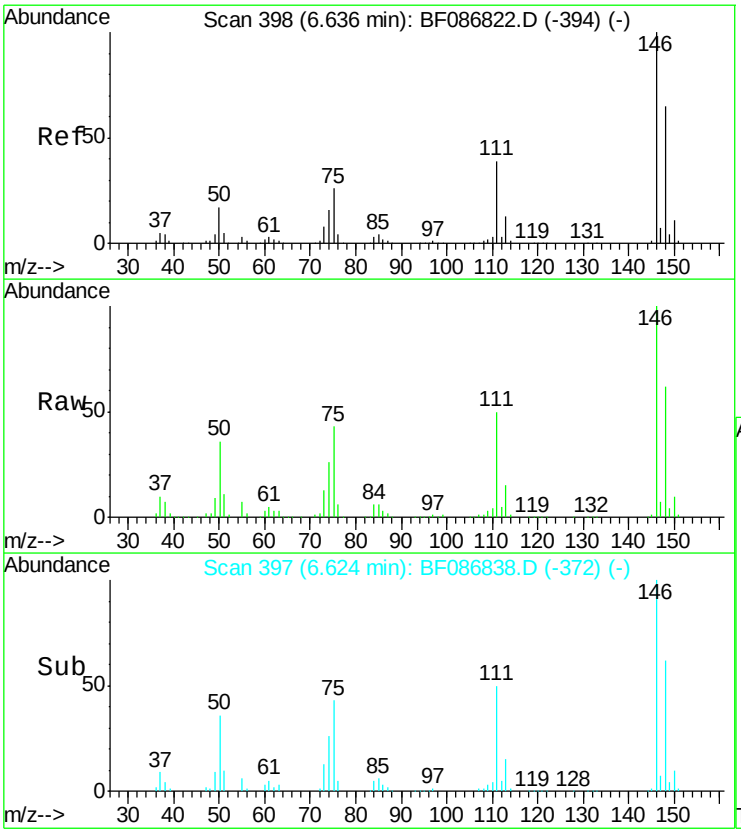
#11
bis(2-Chloroethyl)ether
Concen: 40.90 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 93 Resp: 561891

Ion	Ratio	Lower	Upper
93	100		
63	86.0	58.0	98.0
95	32.6	11.9	51.9

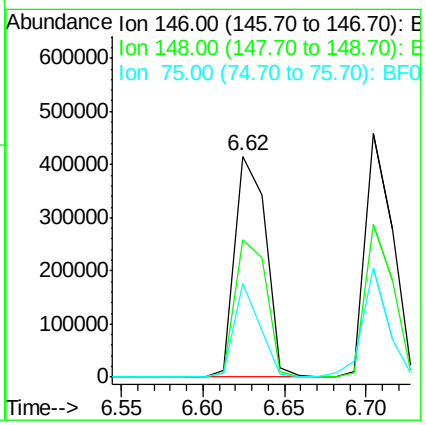


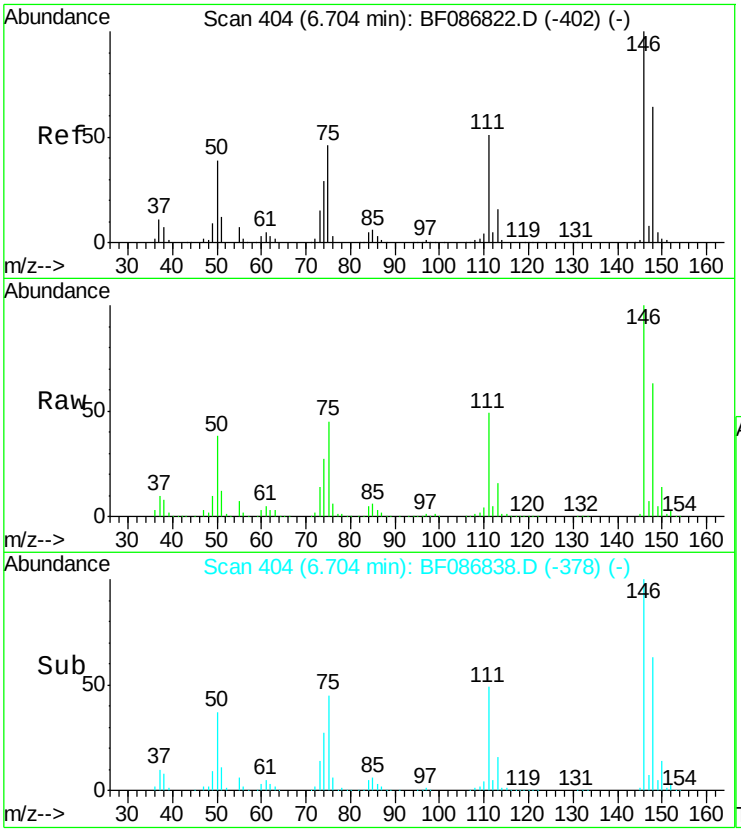


#12
1,3-Dichlorobenzene
Concen: 37.54 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:146 Resp: 543802

Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.4	78.6
75	42.5	22.8	34.2#



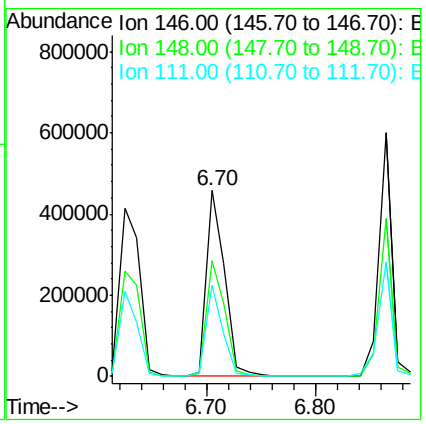


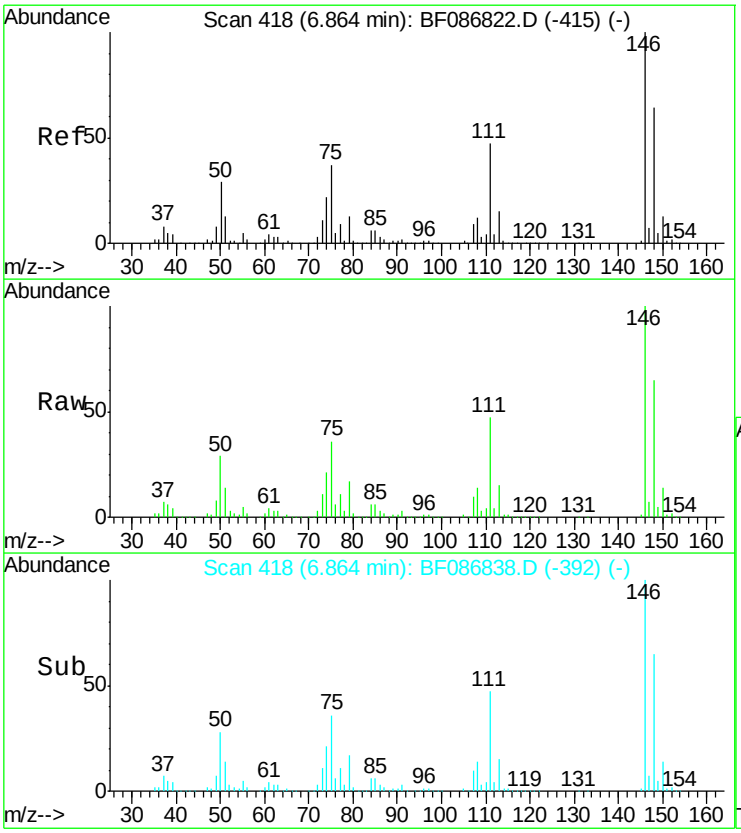
#13
1,4-Dichlorobenzene
Concen: 36.52 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:146 Resp: 539480

Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.4
111	49.0	30.7	46.1#

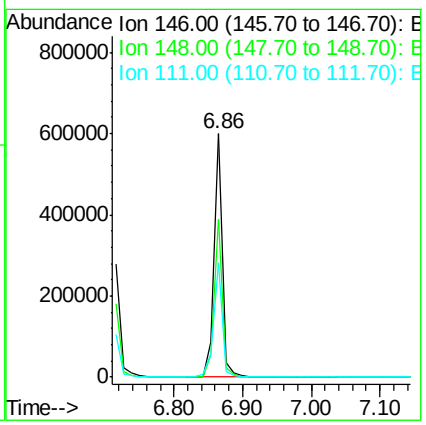


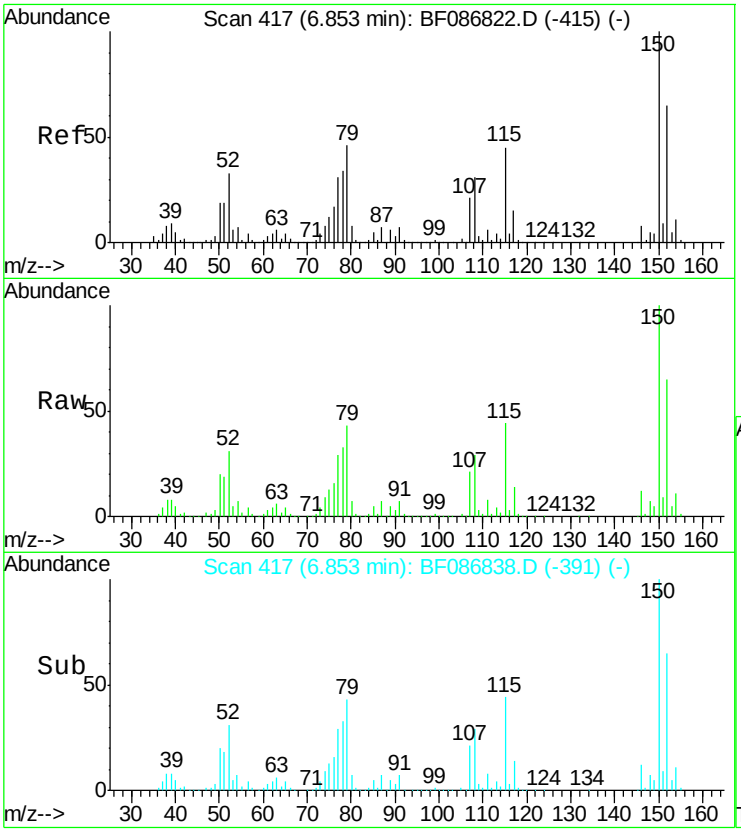


#14
1,2-Dichlorobenzene
Concen: 39.53 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:146 Resp: 508873

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	47.0	36.2	54.4



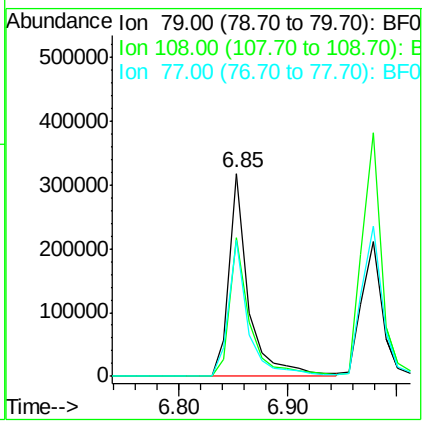


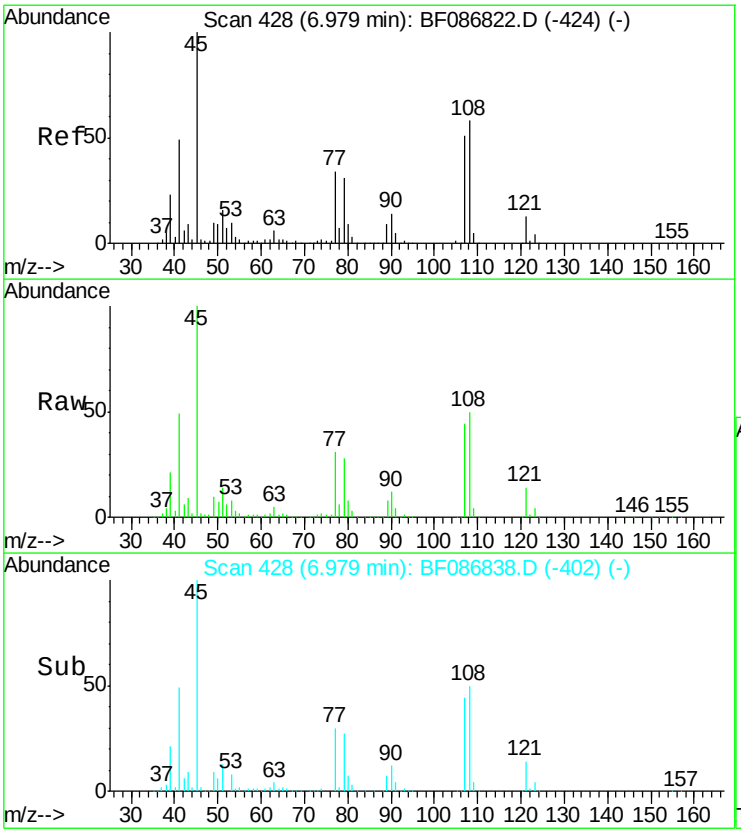
#15
Benzyl Alcohol
Concen: 38.86 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 79 Resp: 397774

Ion	Ratio	Lower	Upper
79	100		
108	68.2	68.4	102.6#
77	66.9	50.6	76.0

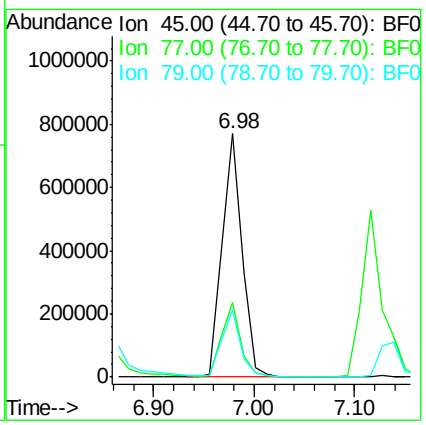


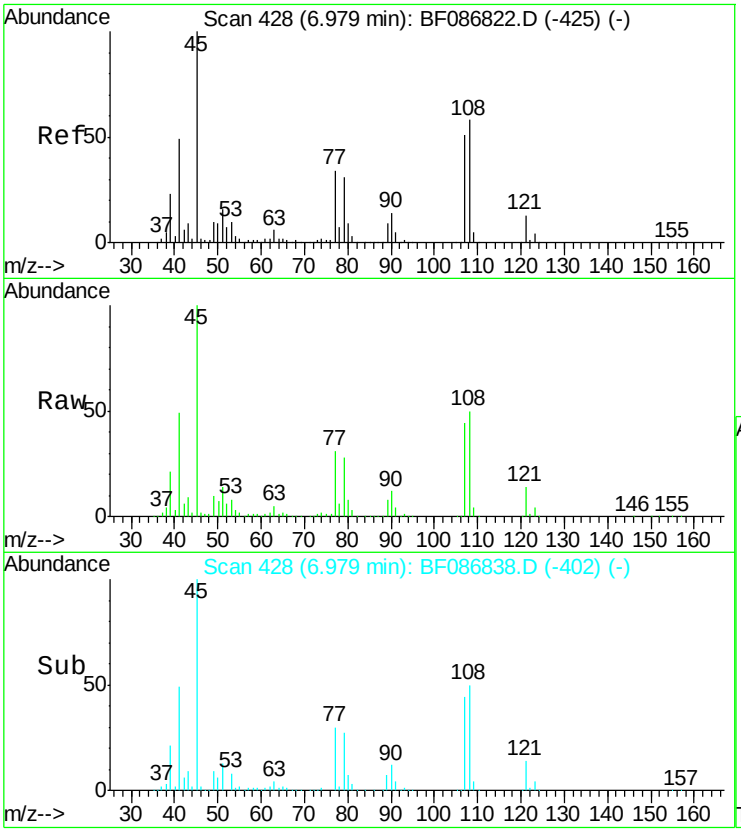


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.52 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 45 Resp: 1061168

Ion	Ratio	Lower	Upper
45	100		
77	30.6	0.0	36.4
79	27.6	0.0	33.4



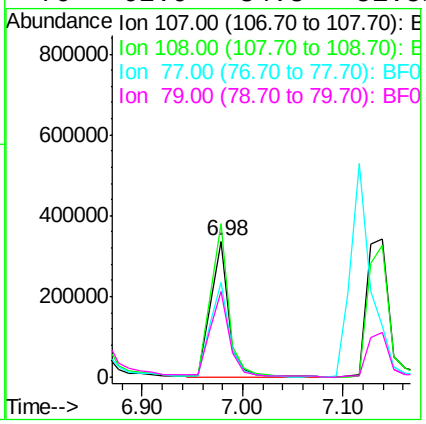


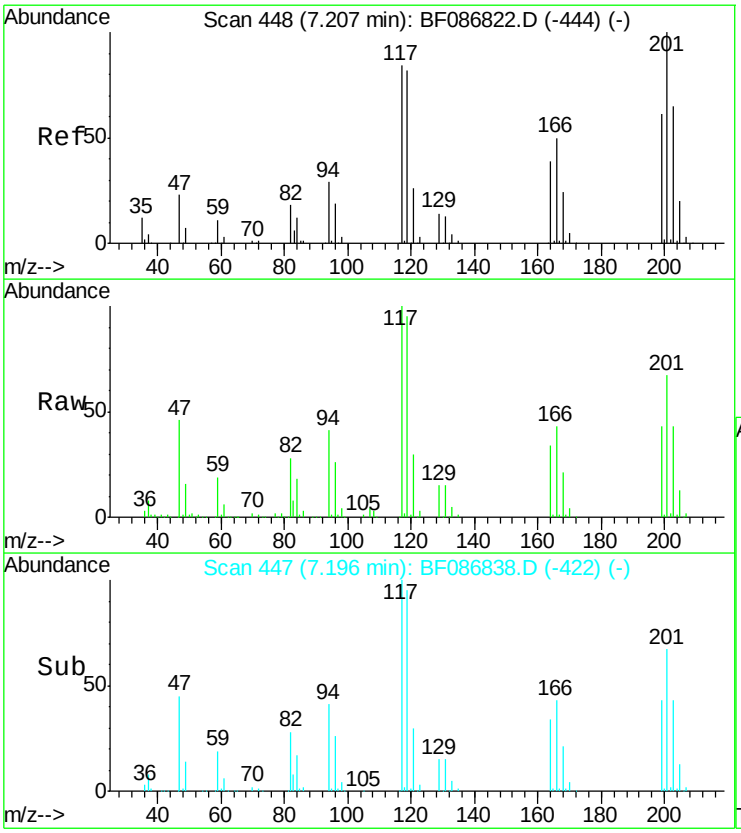
#17
2-Methylphenol
Concen: 38.99 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:107 Resp: 415263

Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.7	140.5
77	69.7	33.4	50.0#
79	62.9	34.3	51.5#

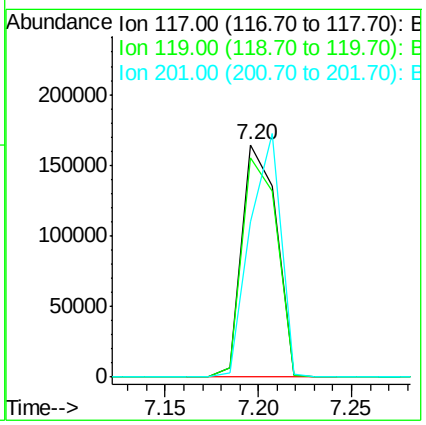


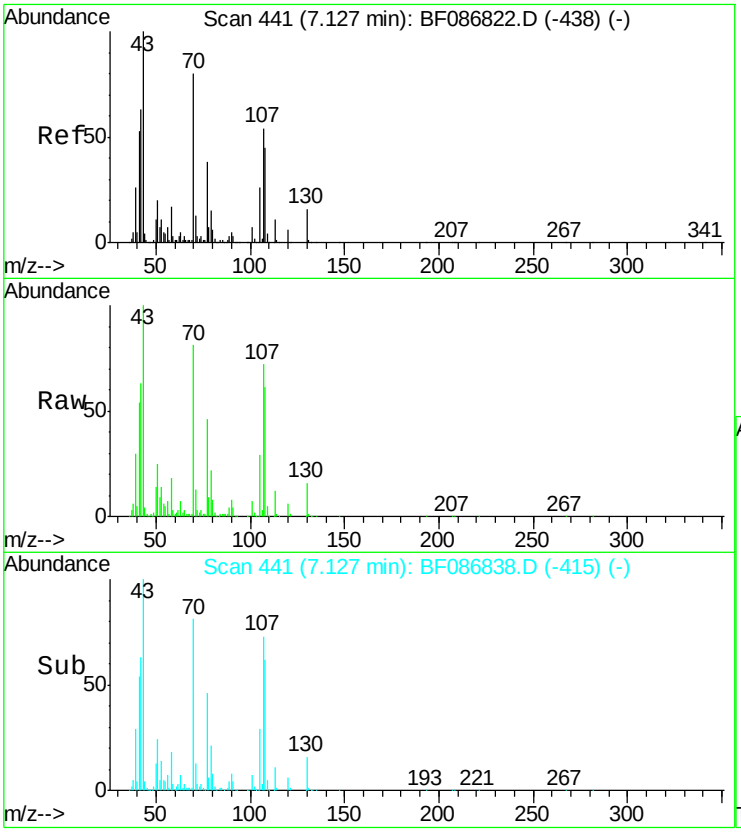


#18
Hexachloroethane
Concen: 37.93 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:117 Resp: 210808

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.5	114.7
201	67.2	63.0	94.6



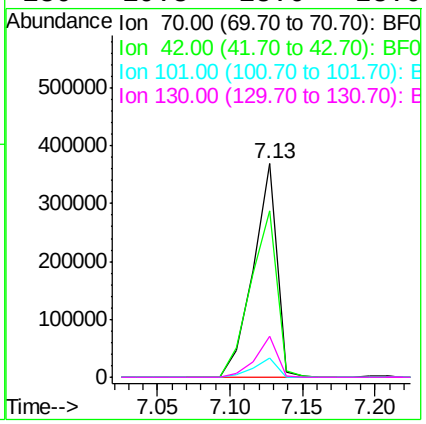


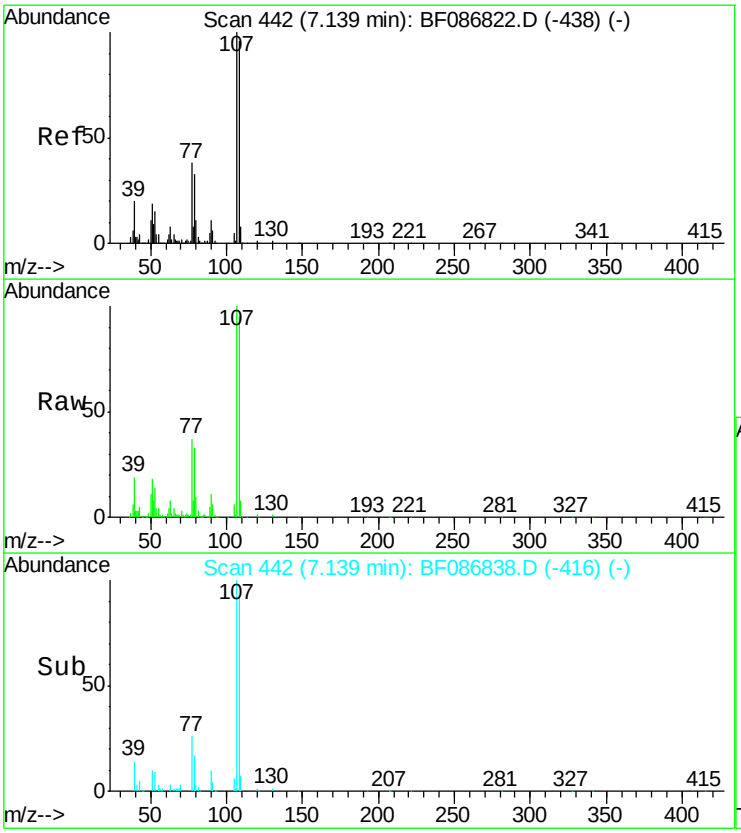
#19
n-Nitroso-di-n-propylamine
Concen: 40.61 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 70 Resp: 420760

Ion	Ratio	Lower	Upper
70	100		
42	78.0	43.1	64.7#
101	9.2	8.1	12.1
130	19.3	18.6	28.0

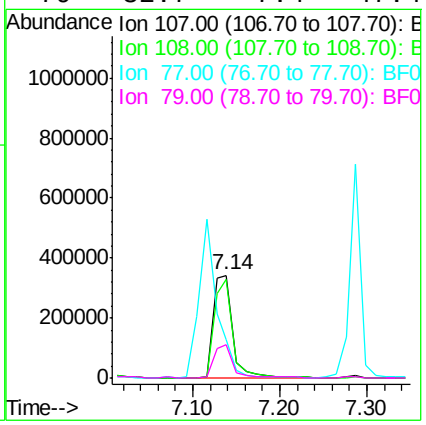


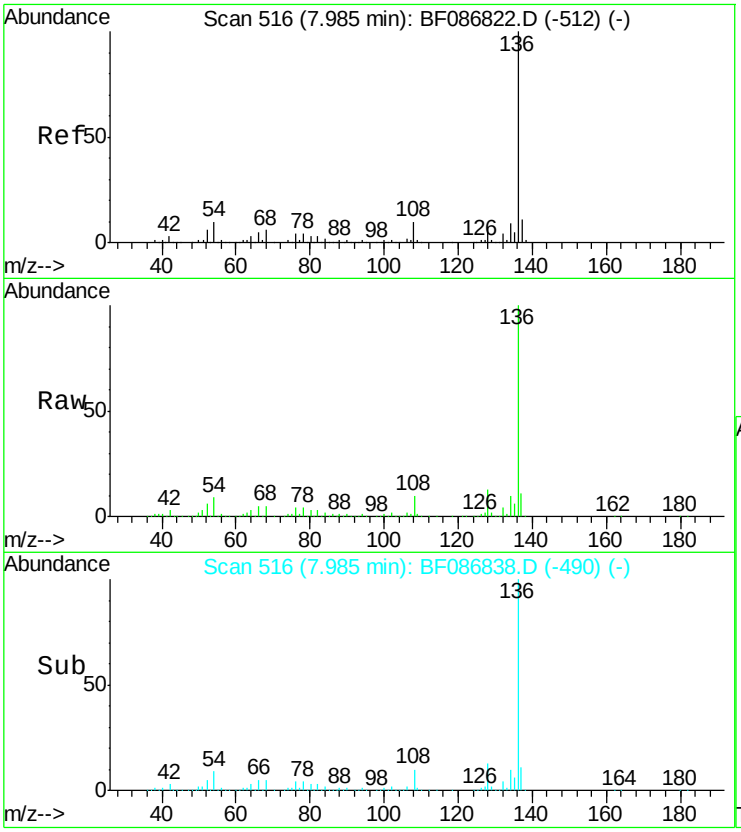


#20
3+4-Methylphenols
Concen: 39.16 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:107 Resp: 544748

Ion	Ratio	Lower	Upper
107	100		
108	95.5	68.5	108.5
77	37.3	101.6	141.6#
79	32.7	7.4	47.4



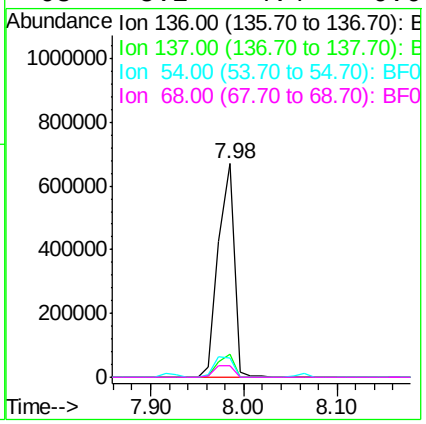


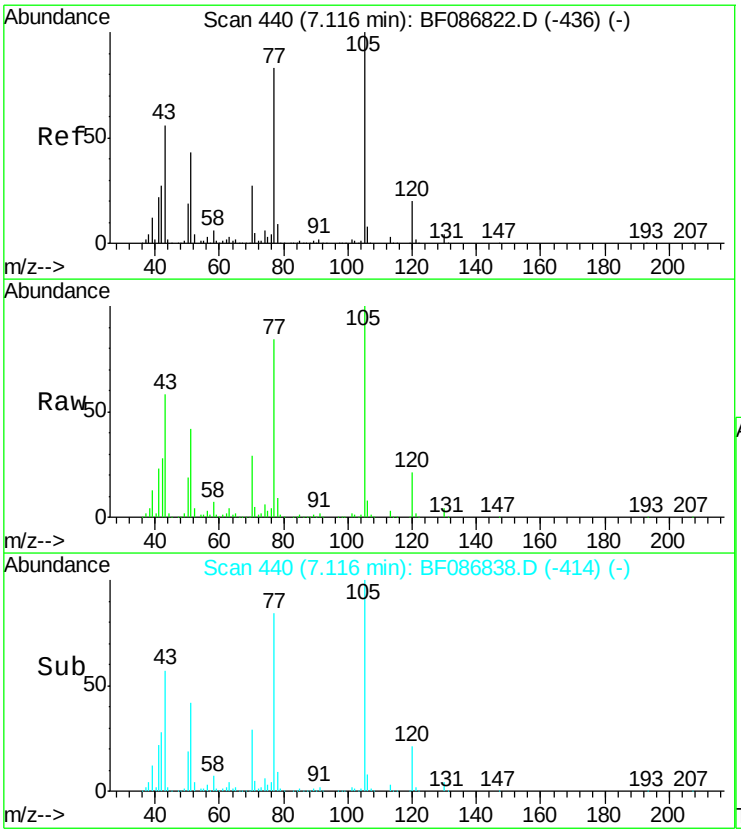
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:136 Resp: 788550

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.1	5.0	7.4#
68	5.2	4.4	6.6

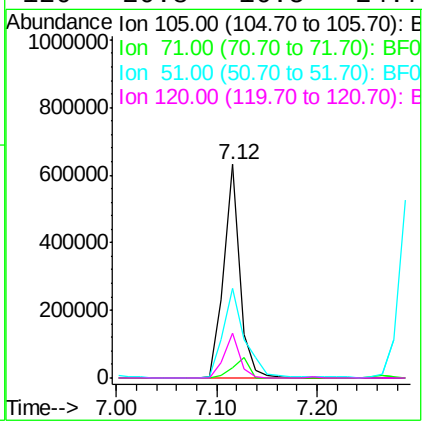


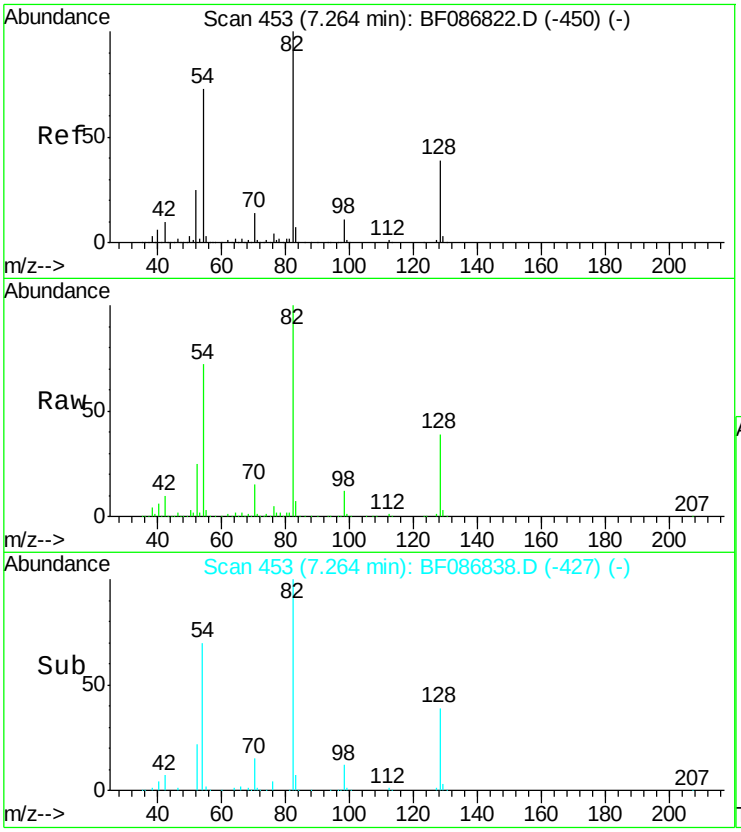


#22
Acetophenone
Concen: 38.19 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:105 Resp: 711377

Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.8	7.2
51	41.9	32.6	49.0
120	20.8	16.5	24.7



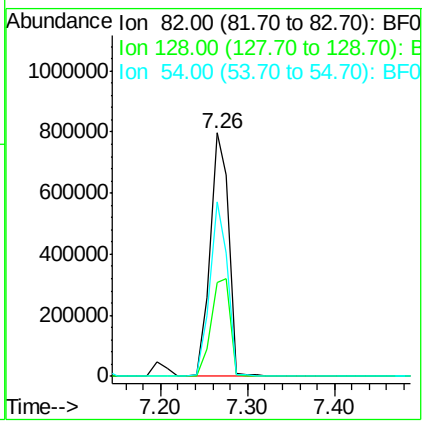


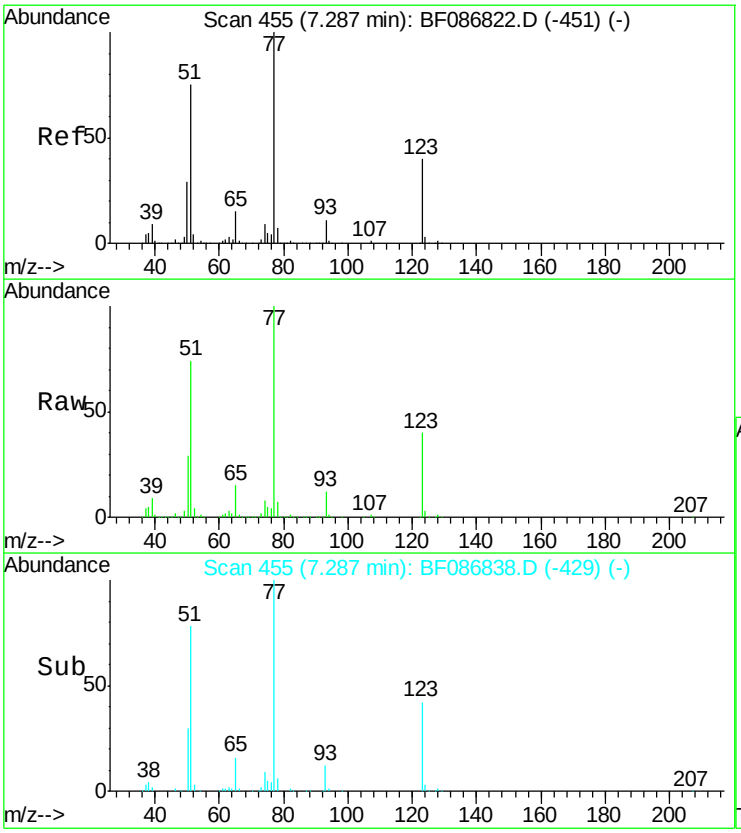
#23
Nitrobenzene-d5
Concen: 76.56 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 82 Resp: 1202384

Ion	Ratio	Lower	Upper
82	100		
128	38.7	40.6	61.0#
54	71.7	38.1	57.1#

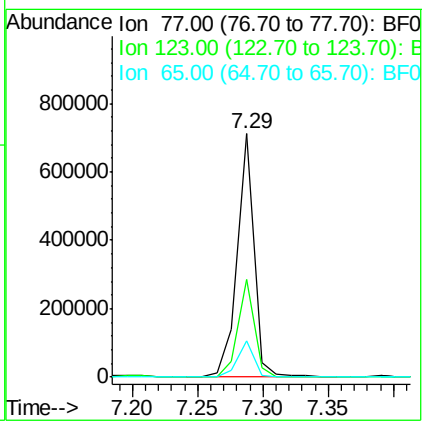


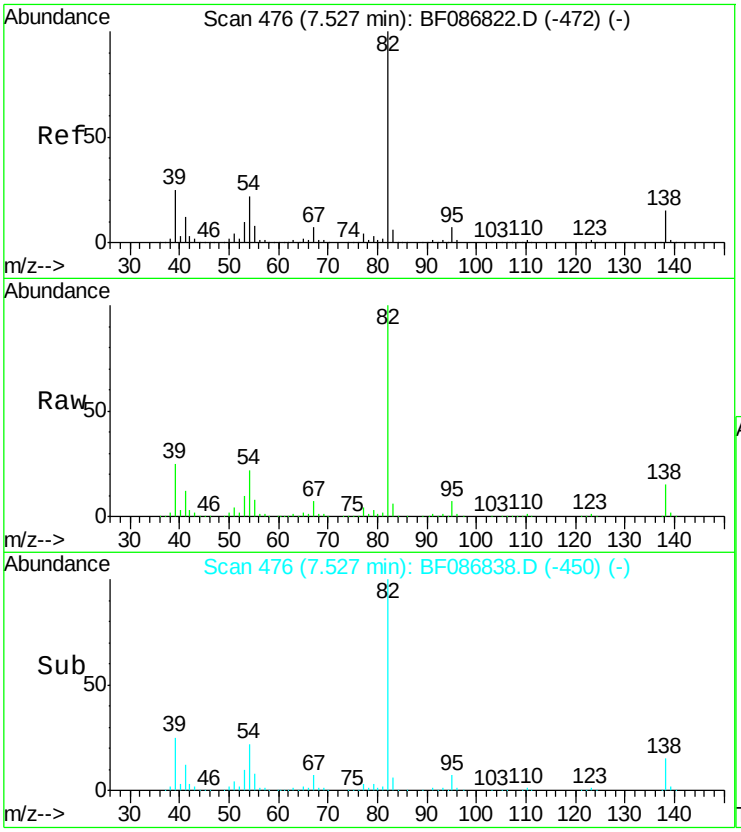


#24
Nitrobenzene
Concen: 38.78 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 77 Resp: 626410

Ion	Ratio	Lower	Upper
77	100		
123	40.3	33.0	49.4
65	15.1	10.8	16.2



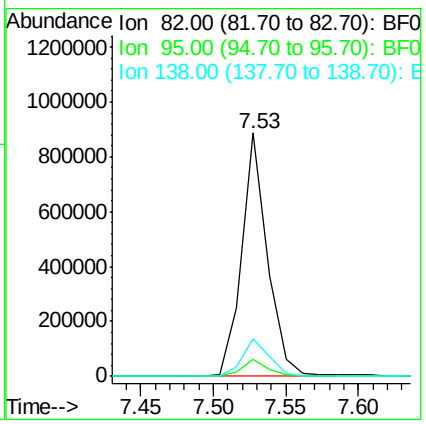


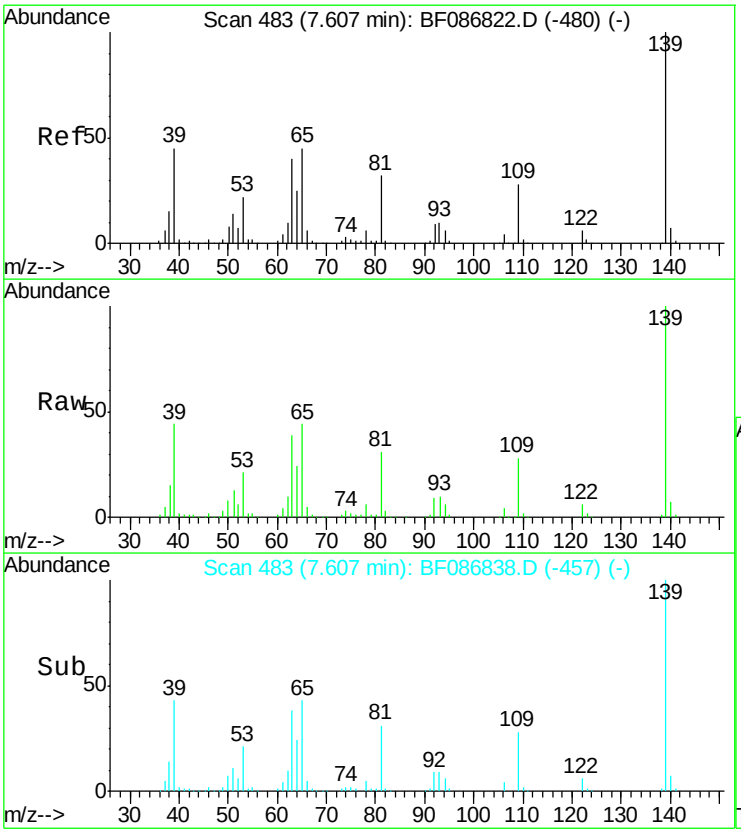
#25
Isophorone
Concen: 37.27 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 82 Resp: 1086085

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.1	7.7
138	15.2	12.4	18.6

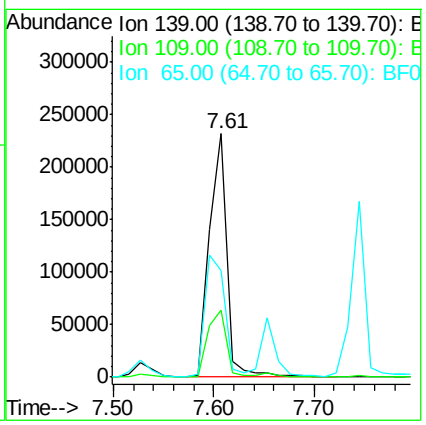


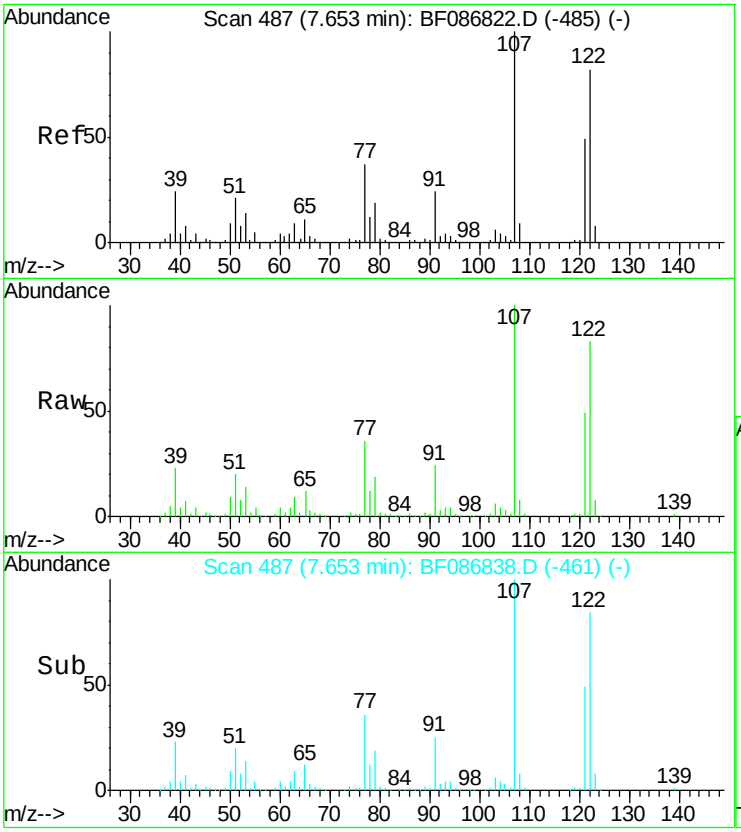


#26
2-Nitrophenol
Concen: 39.56 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:139 Resp: 280903

Ion	Ratio	Lower	Upper
139	100		
109	27.6	19.5	29.3
65	43.9	37.5	56.3



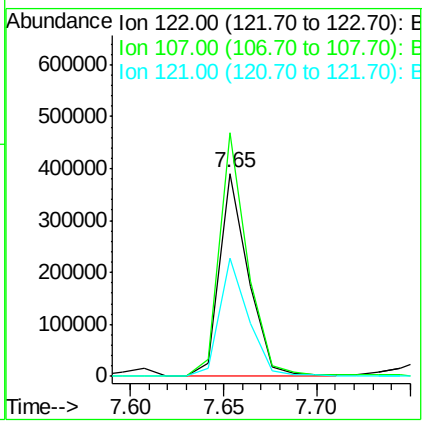


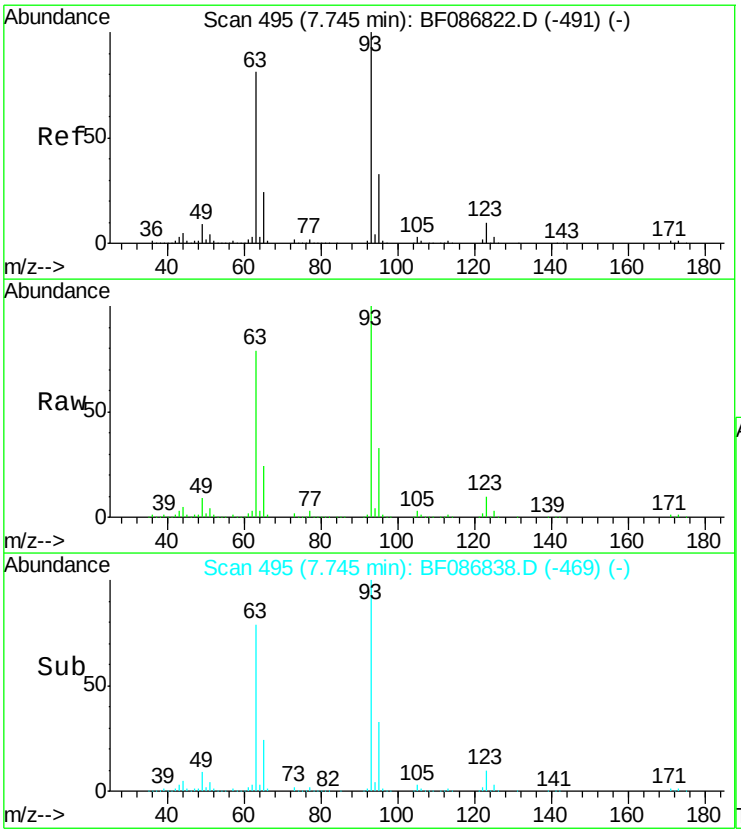
#27
2,4-Dimethylphenol
Concen: 34.89 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:122 Resp: 422080

Ion	Ratio	Lower	Upper
122	100		
107	119.9	82.0	123.0
121	58.4	46.1	69.1

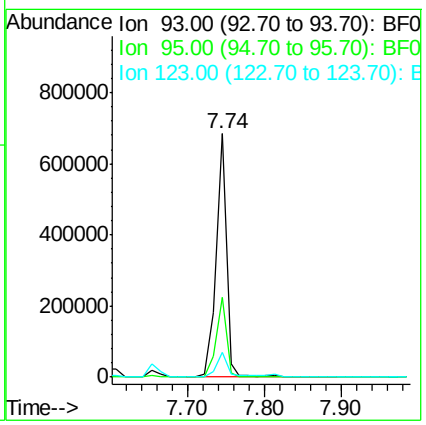


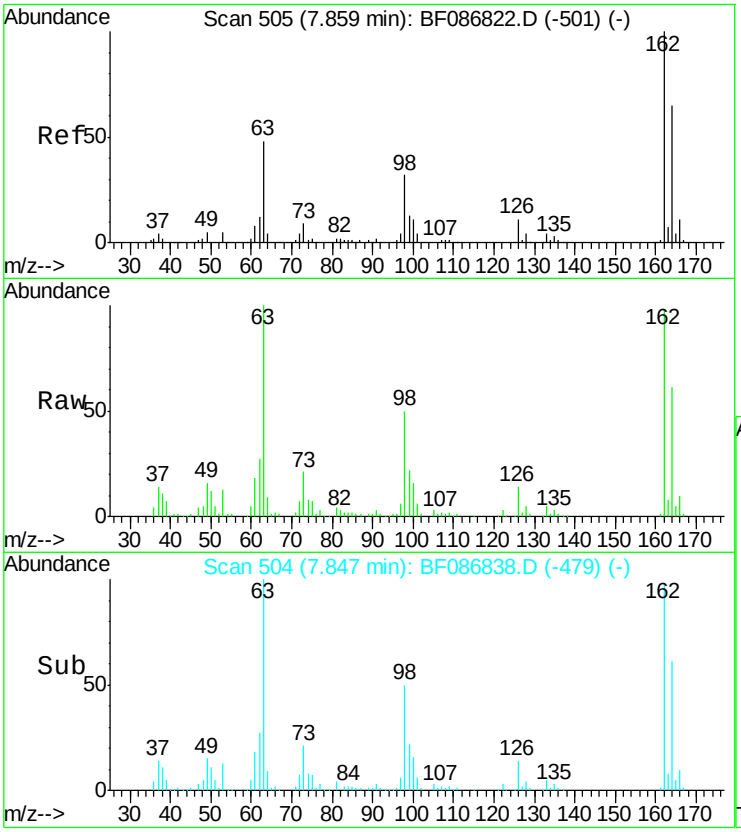


#28
bis(2-Chloroethoxy)methane
Concen: 40.56 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 93 Resp: 637475

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	10.3	9.5	14.3



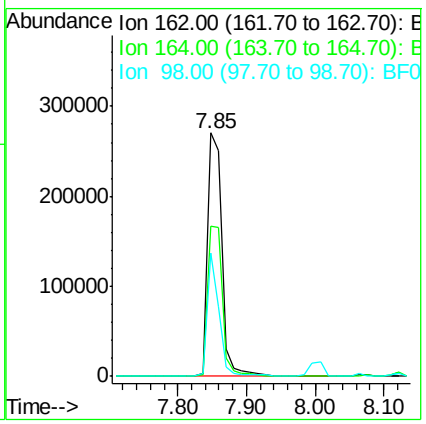


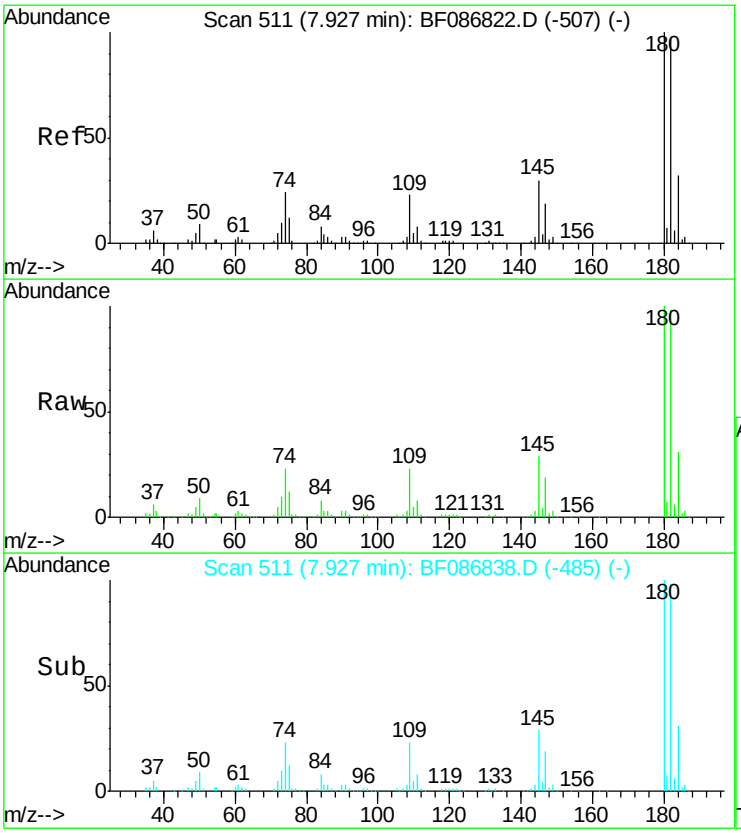
#29
2,4-Dichlorophenol
Concen: 37.60 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:162 Resp: 400286

Ion	Ratio	Lower	Upper
162	100		
164	61.8	42.2	82.2
98	50.7	19.0	59.0

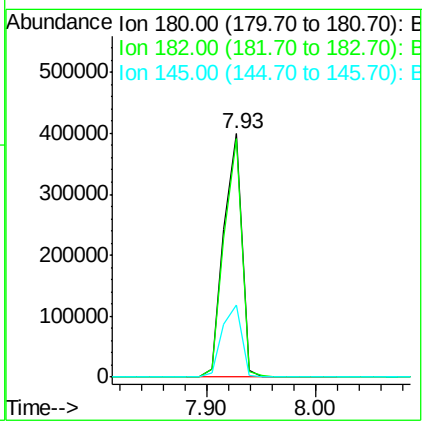


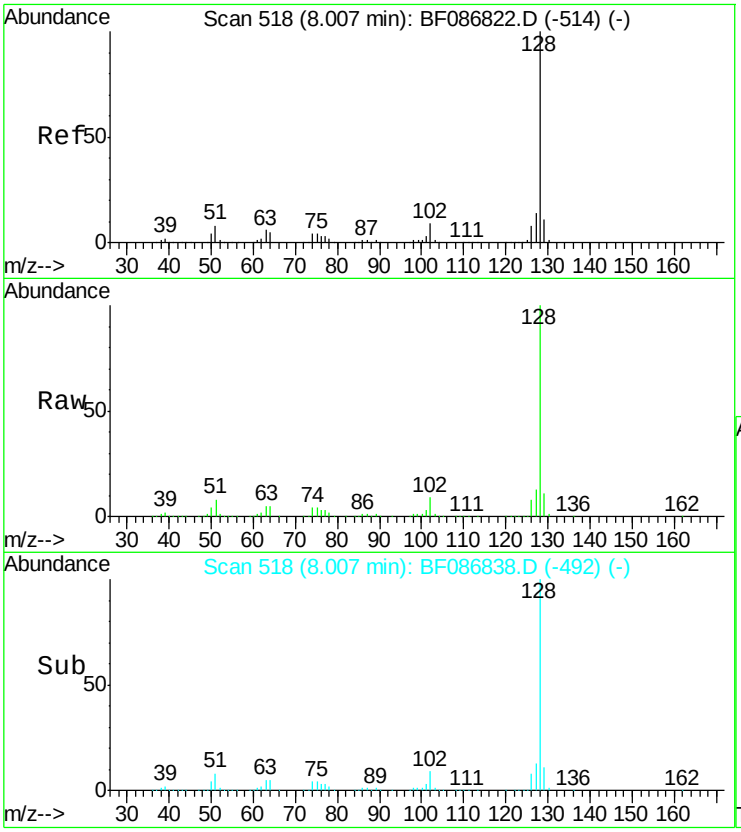


#30
1,2,4-Trichlorobenzene
Concen: 38.64 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:180 Resp: 460007

Ion	Ratio	Lower	Upper
180	100		
182	97.9	78.0	117.0
145	29.5	24.2	36.2



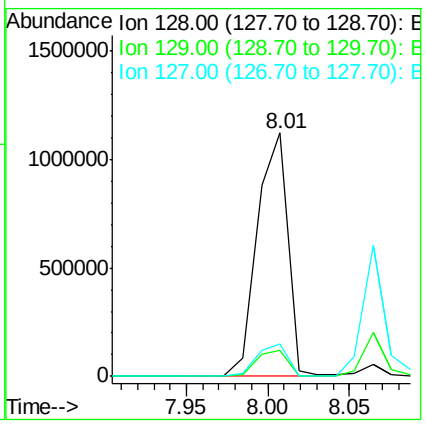


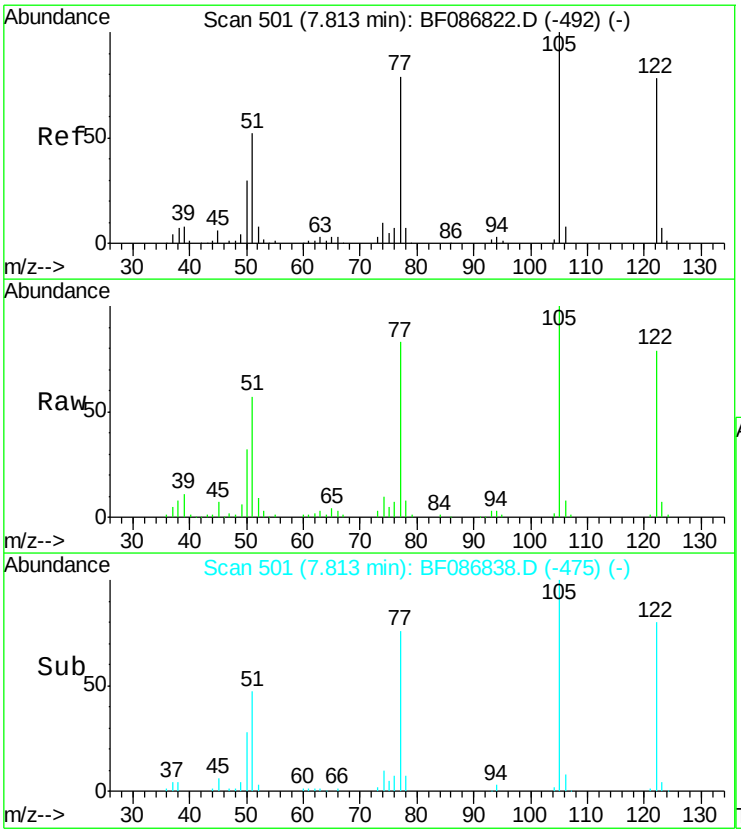
#31
Naphthalene
Concen: 37.12 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:128 Resp: 1466124

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.4	10.8	16.2

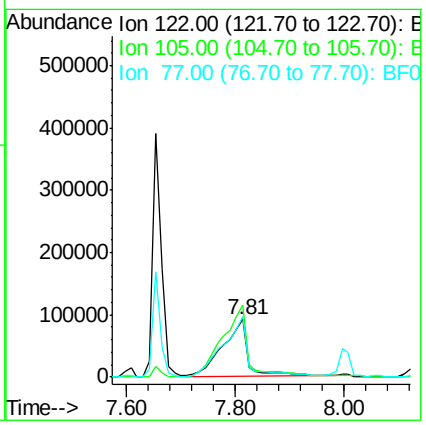


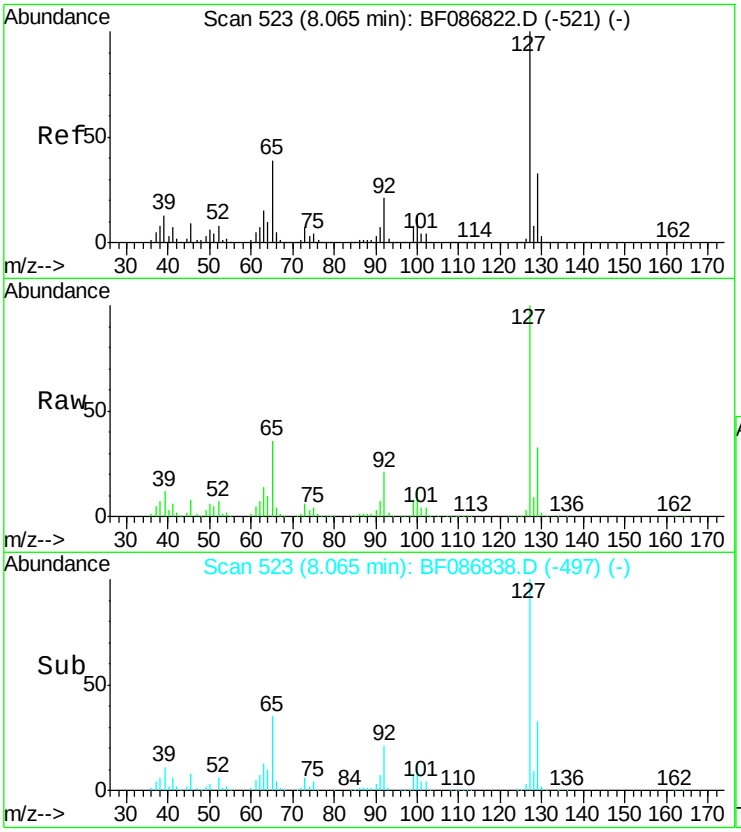


#32
Benzoic acid
Concen: 42.49 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:122 Resp: 301857

Ion	Ratio	Lower	Upper
122	100		
105	125.8	92.6	132.6
77	104.7	60.0	100.0#



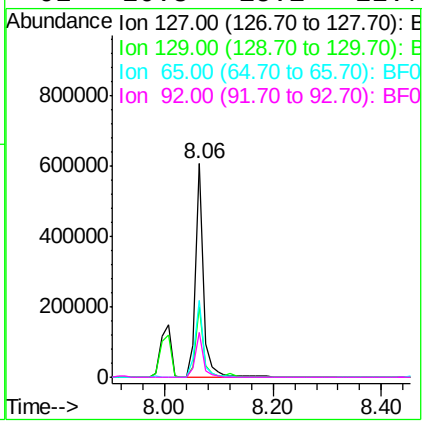


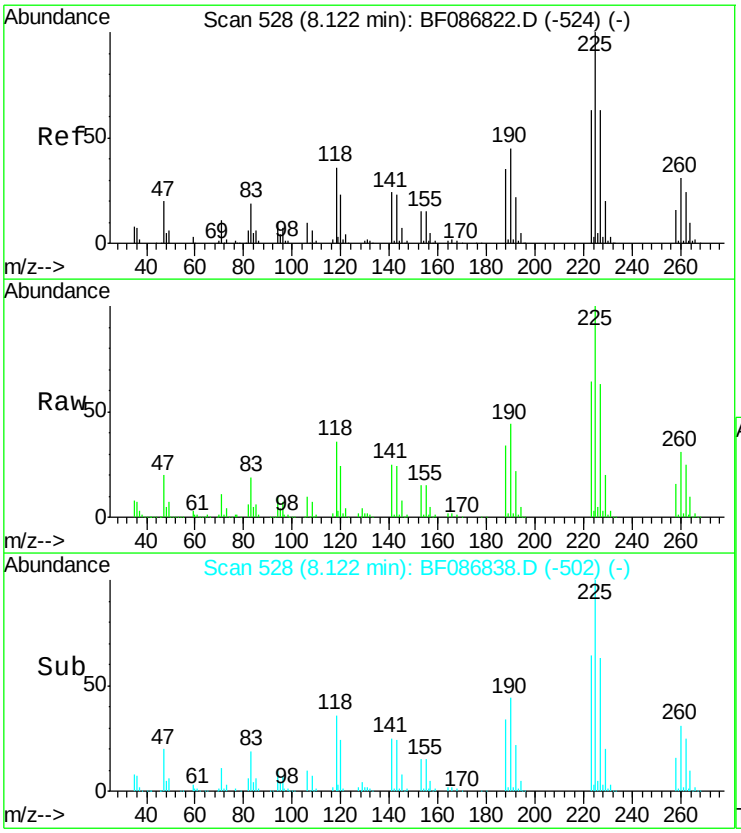
#33
4-Chloroaniline
Concen: 39.11 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:127 Resp: 600161

Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.4
65	36.1	23.0	34.4#
92	20.8	15.1	22.7

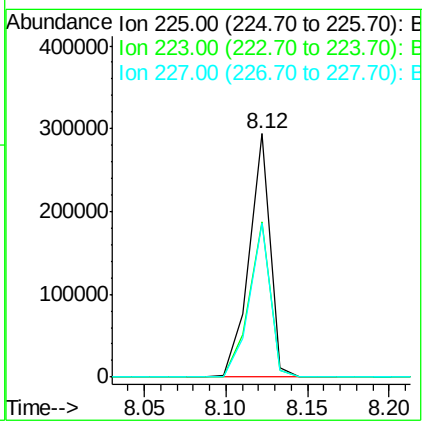


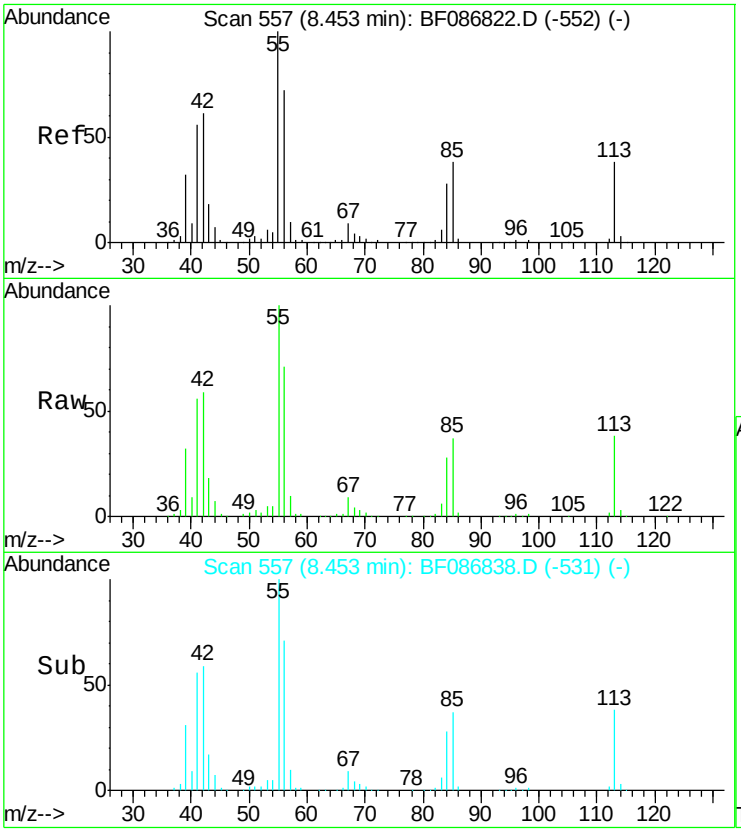


#34
Hexachlorobutadiene
Concen: 38.09 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:225 Resp: 263093

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.5	77.3
227	63.4	52.2	78.2



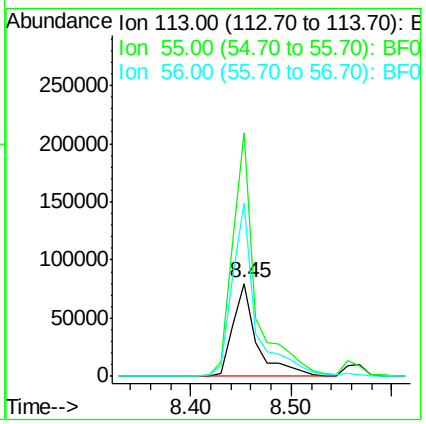


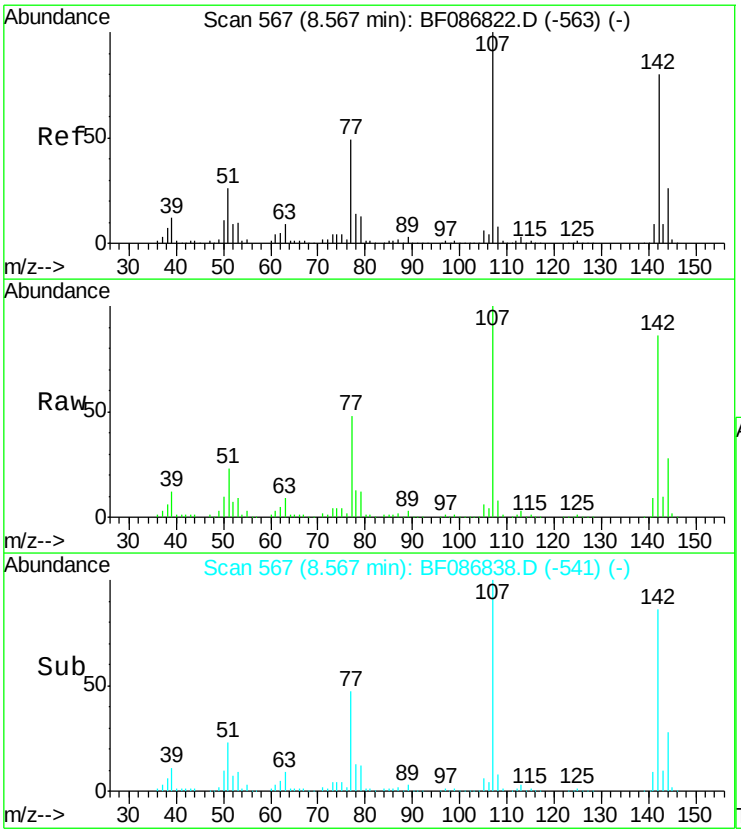
#35
Caprolactam
Concen: 36.96 ng
RT: 8.45 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:113 Resp: 133899

Ion	Ratio	Lower	Upper
113	100		
55	261.9	162.0	202.0#
56	186.4	115.3	155.3#

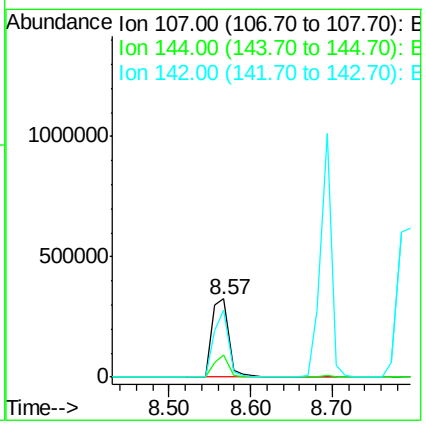


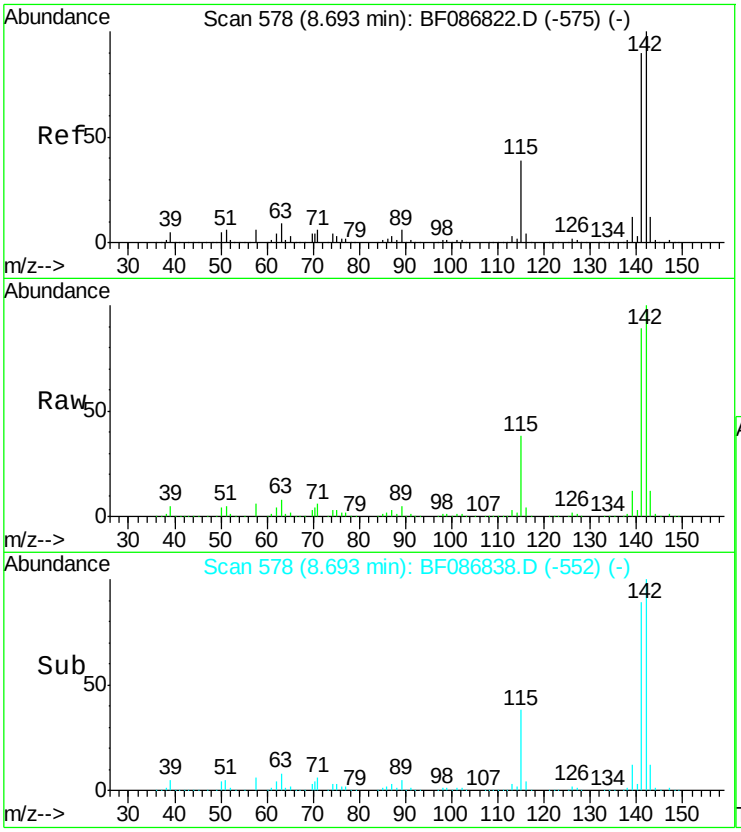


#36
4-Chloro-3-methylphenol
Concen: 36.37 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:107 Resp: 469614

Ion	Ratio	Lower	Upper
107	100		
144	28.0	20.7	31.1
142	85.5	63.2	94.8



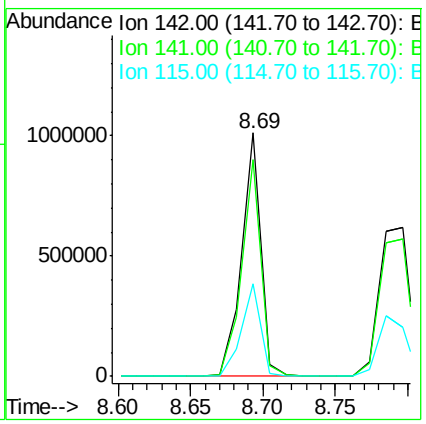


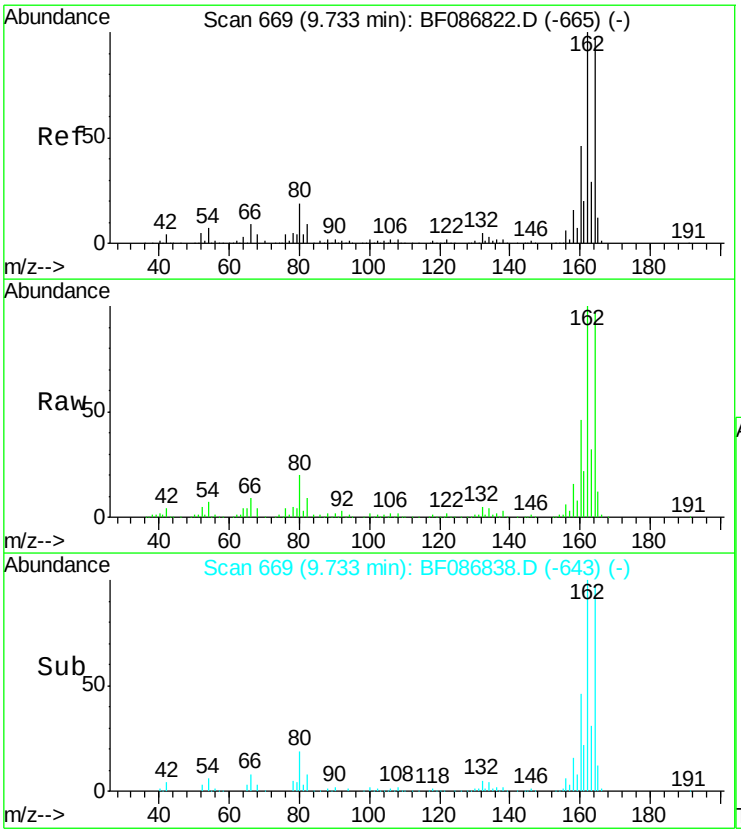
#37
2-Methylnaphthalene
Concen: 40.23 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:142 Resp: 928911

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	37.9	26.6	39.8

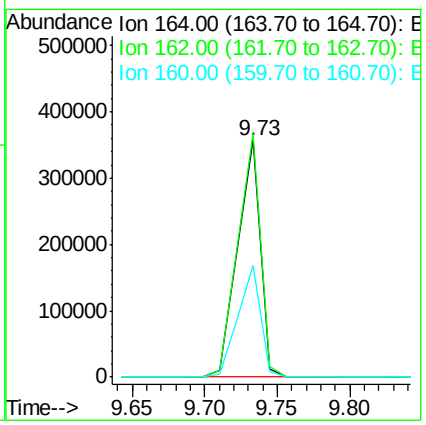


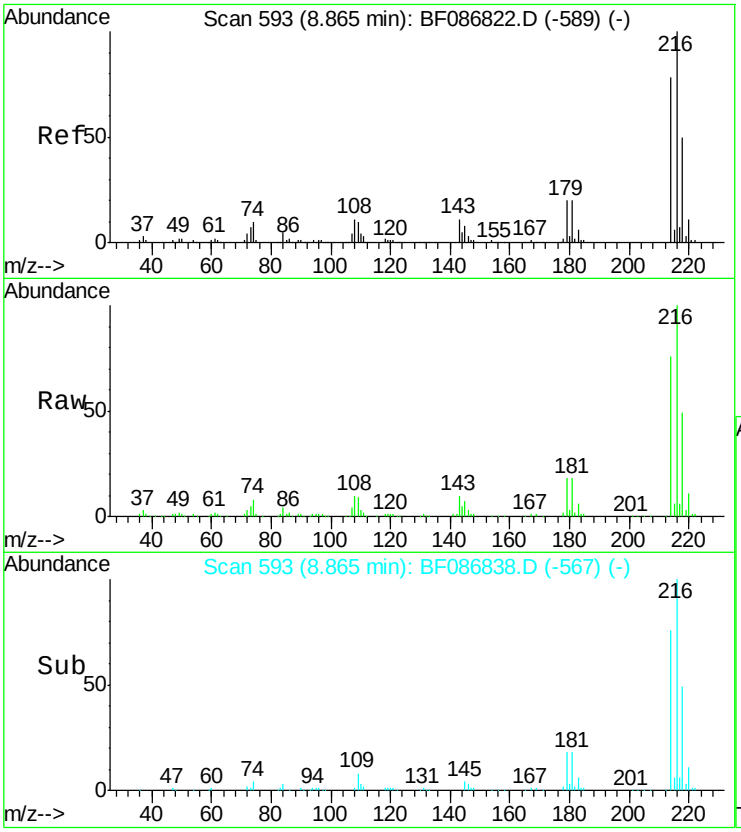


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:164 Resp: 387906

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	47.1	36.9	55.3



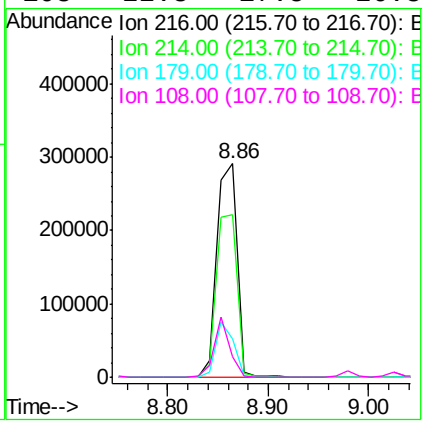


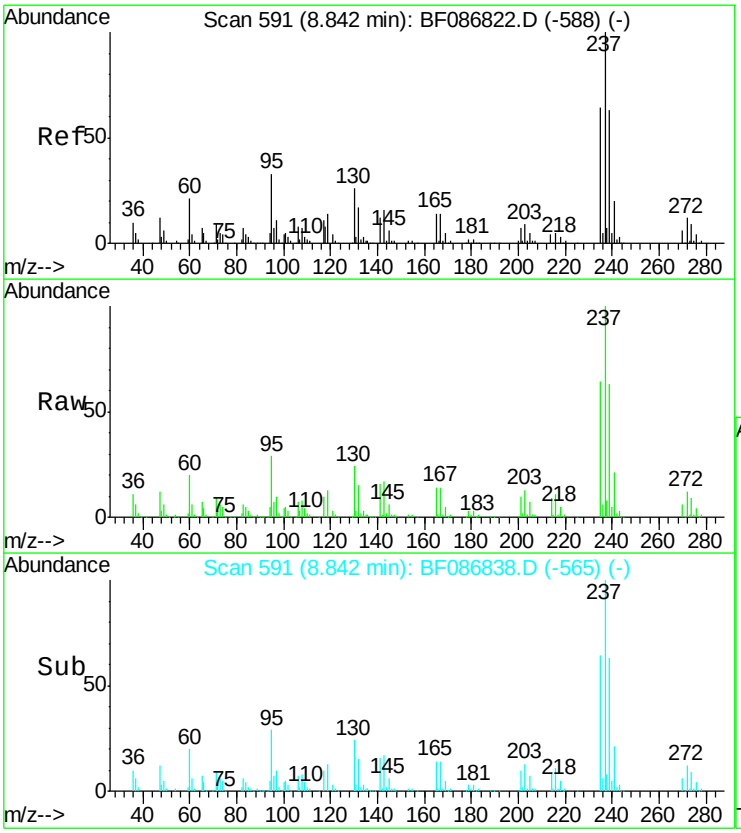
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.23 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:216 Resp: 408604

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	22.8	18.2	27.4
108	22.3	17.5	26.3

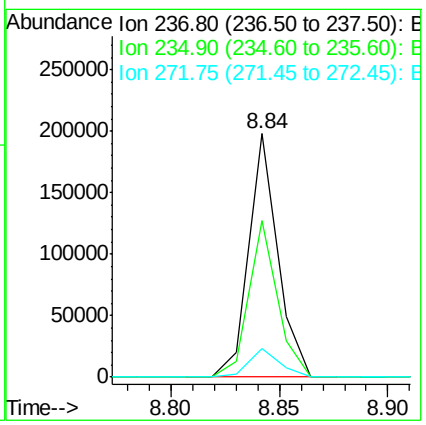


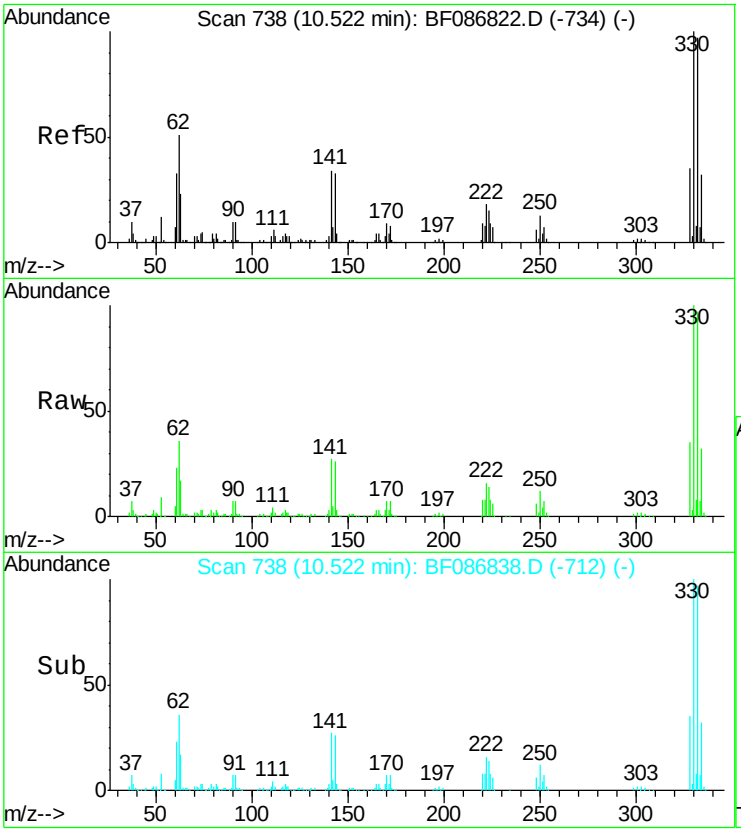


#40
Hexachlorocyclopentadiene
Concen: 34.29 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:237 Resp: 183567

Ion	Ratio	Lower	Upper
237	100		
235	64.1	47.2	87.2
272	11.7	0.0	31.1



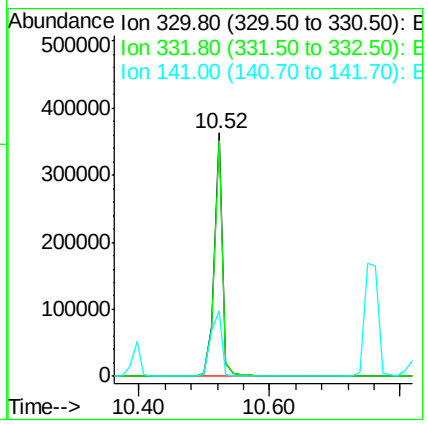


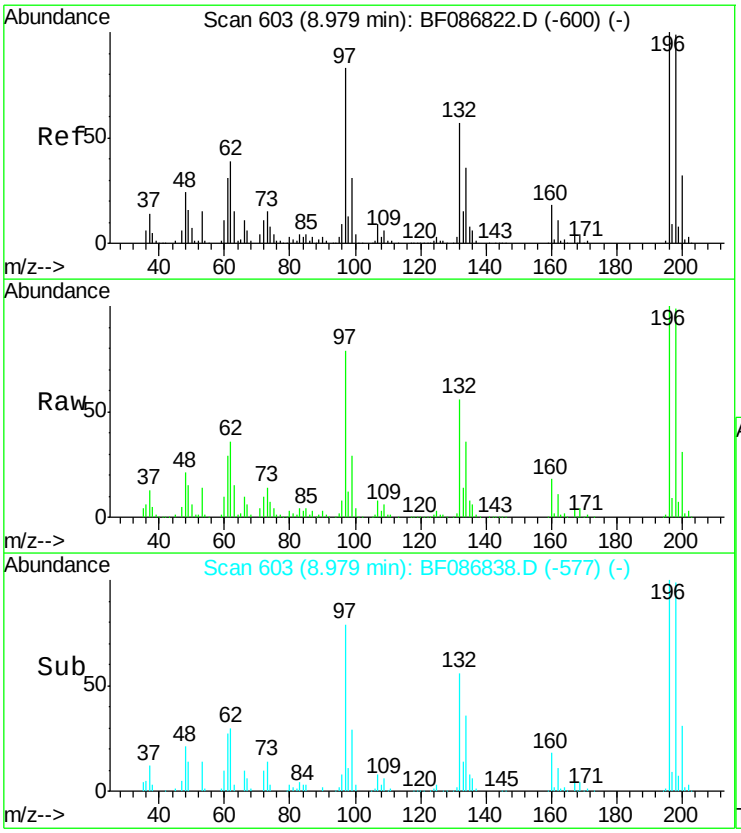
#41
2,4,6-Tribromophenol
Concen: 79.25 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:330 Resp: 325461

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	36.7	31.2	46.8

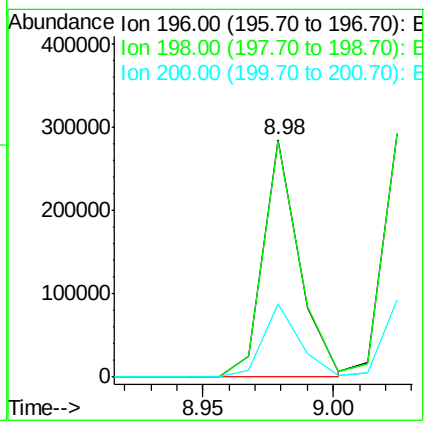


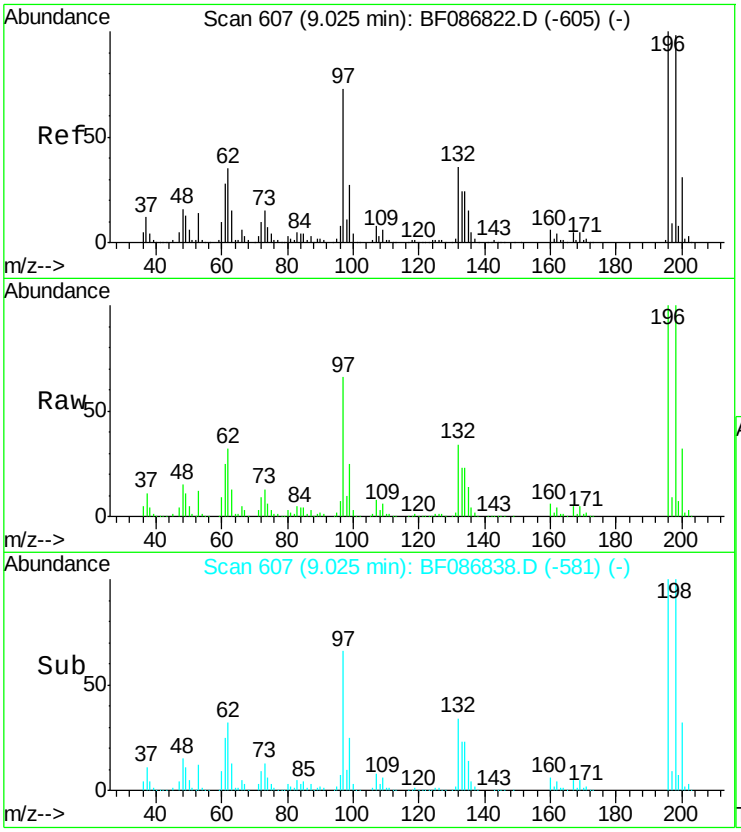


#42
2,4,6-Trichlorophenol
Concen: 36.39 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:196 Resp: 274461

Ion	Ratio	Lower	Upper
196	100		
198	99.5	74.7	112.1
200	31.2	23.8	35.6



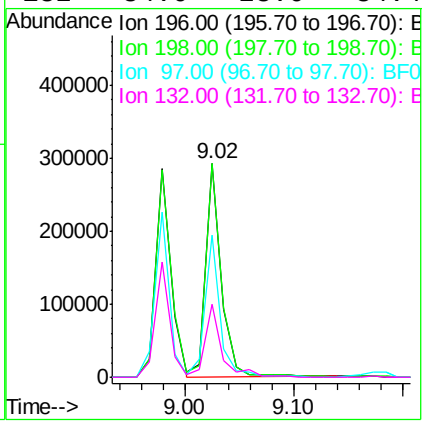


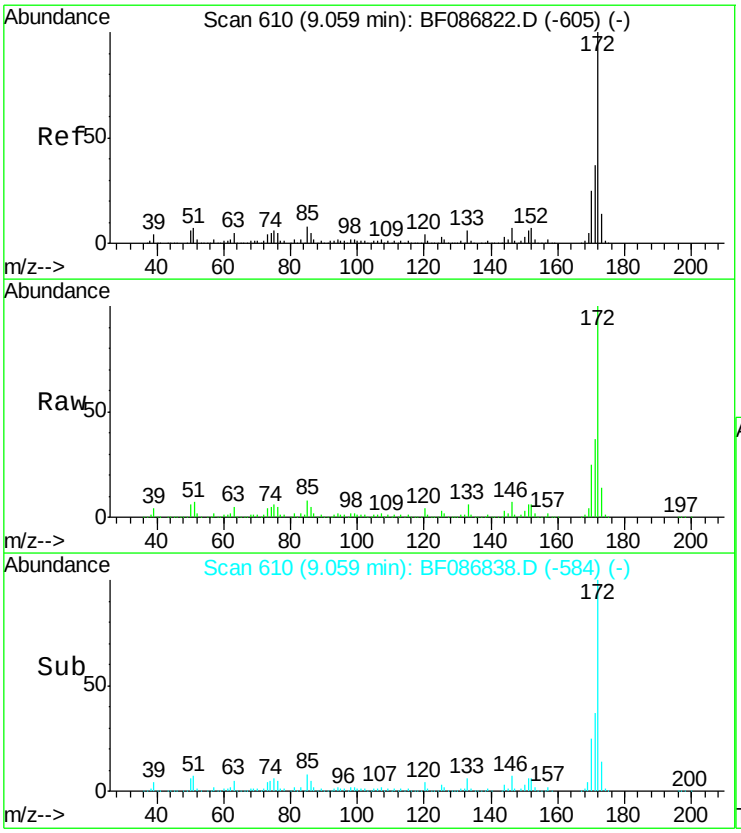
#43
2,4,5-Trichlorophenol
Concen: 37.67 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:196 Resp: 293840

Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.5	116.3
97	66.4	34.8	52.2#
132	34.0	23.0	34.4

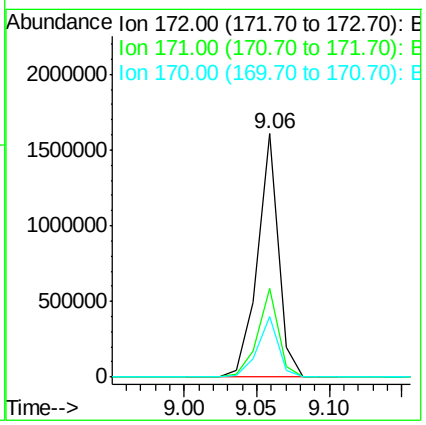


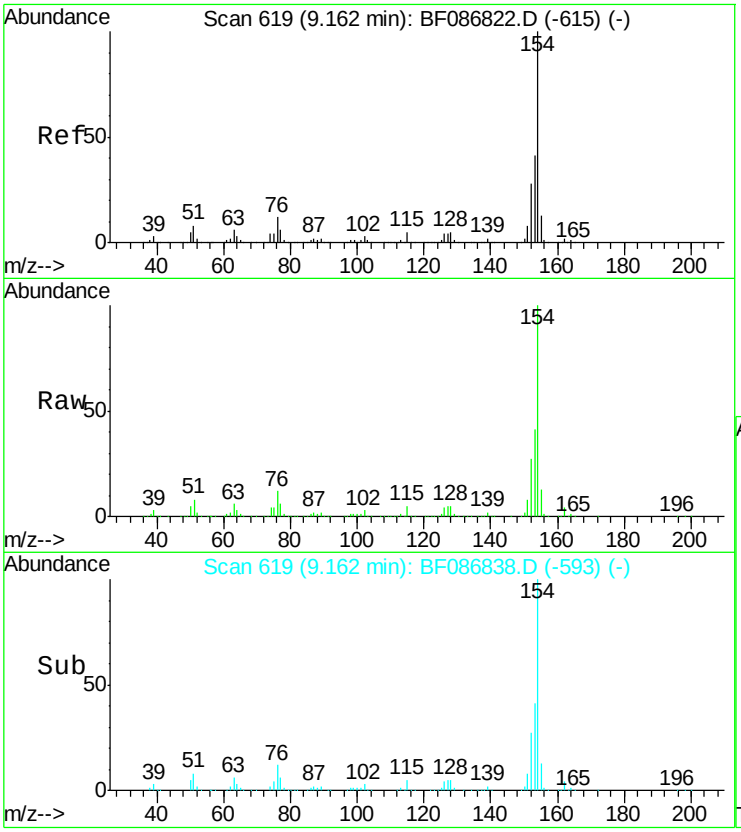


#44
2-Fluorobiphenyl
Concen: 69.88 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:172 Resp: 1612891

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.6	19.8	29.8



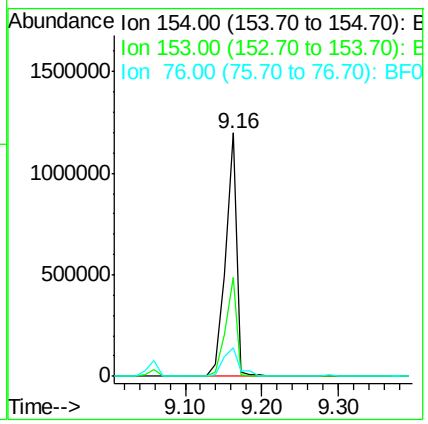


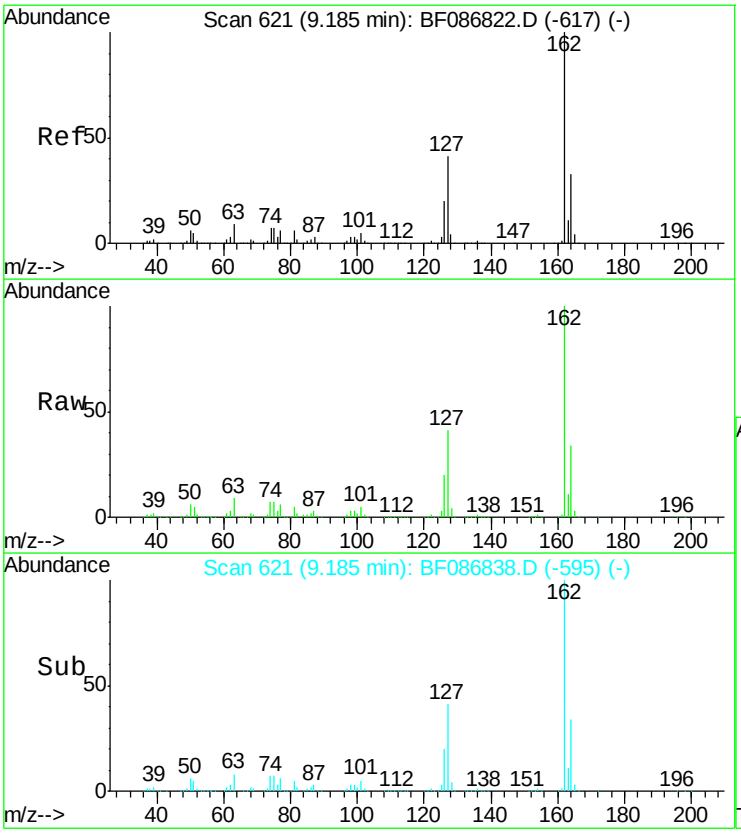
#45
1,1'-Biphenyl
Concen: 39.84 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:154 Resp: 1229249

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	11.7	0.0	30.2

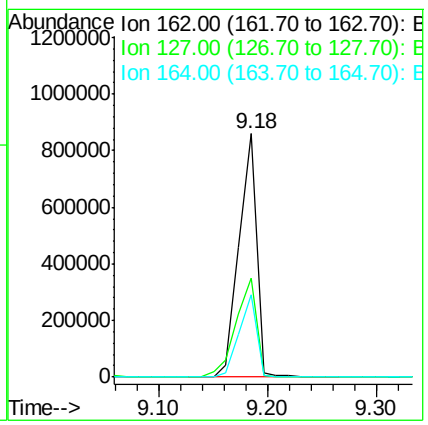


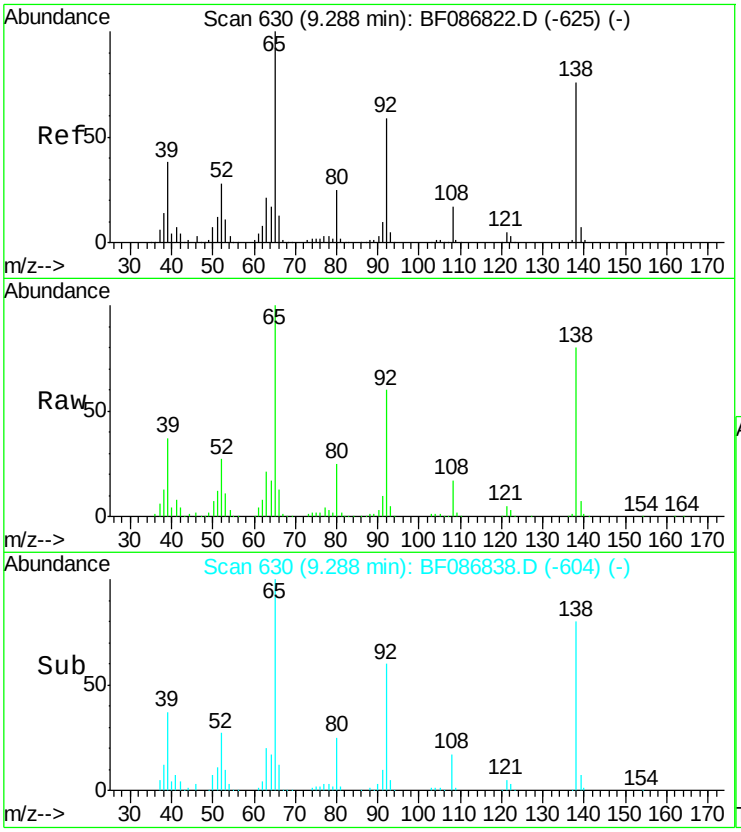


#46
2-Chloronaphthalene
Concen: 39.39 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:162 Resp: 952245

Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.8	47.6
164	33.7	27.0	40.6



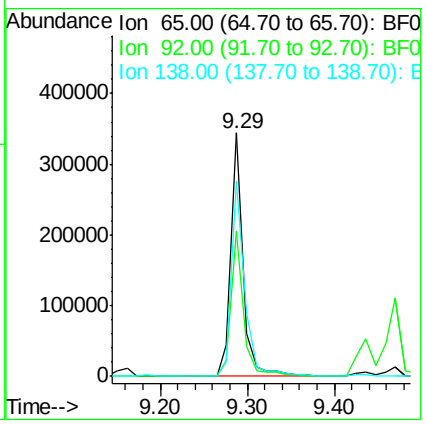


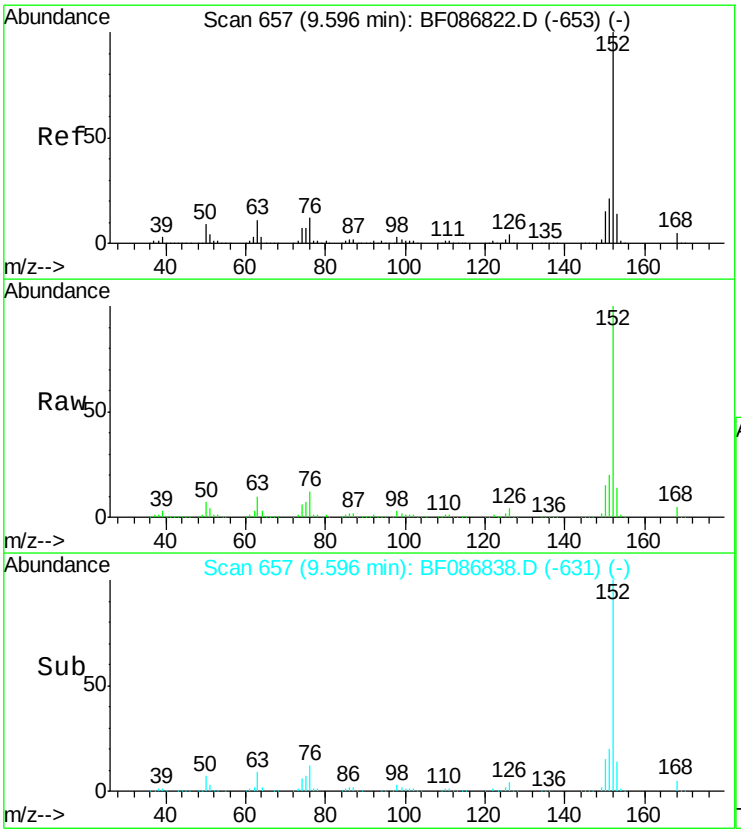
#47
2-Nitroaniline
Concen: 38.16 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion: 65 Resp: 337095

Ion	Ratio	Lower	Upper
65	100		
92	59.5	57.4	86.2
138	80.2	90.1	135.1#

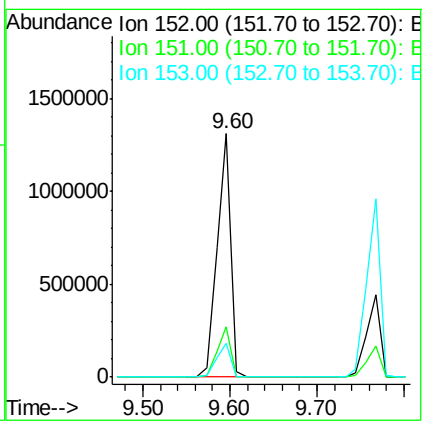


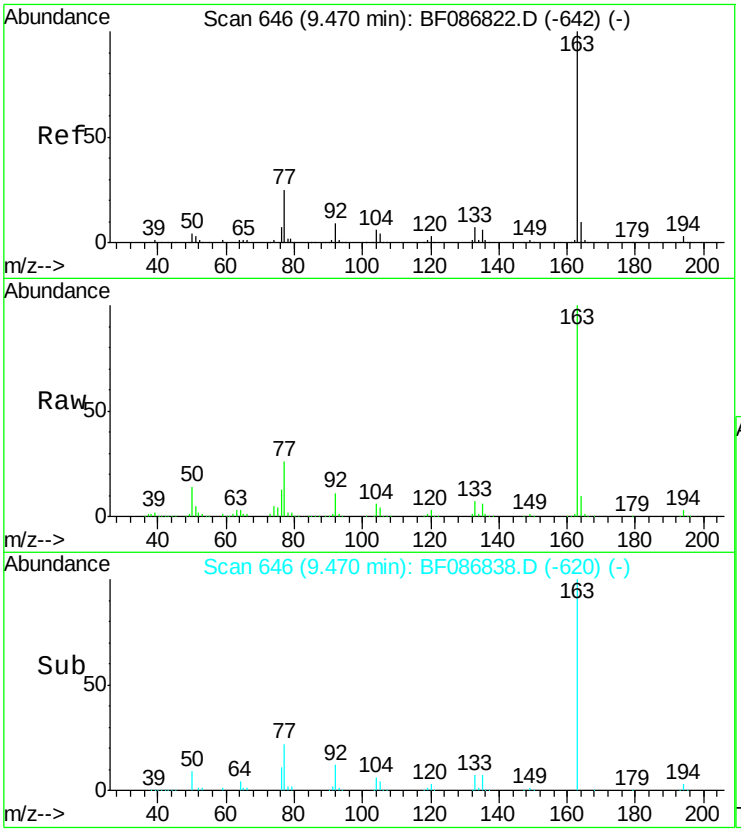


#48
Acenaphthylene
Concen: 40.66 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:152 Resp: 1445702

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.0	10.9	16.3



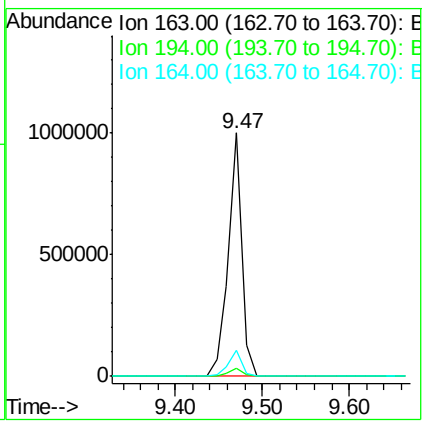


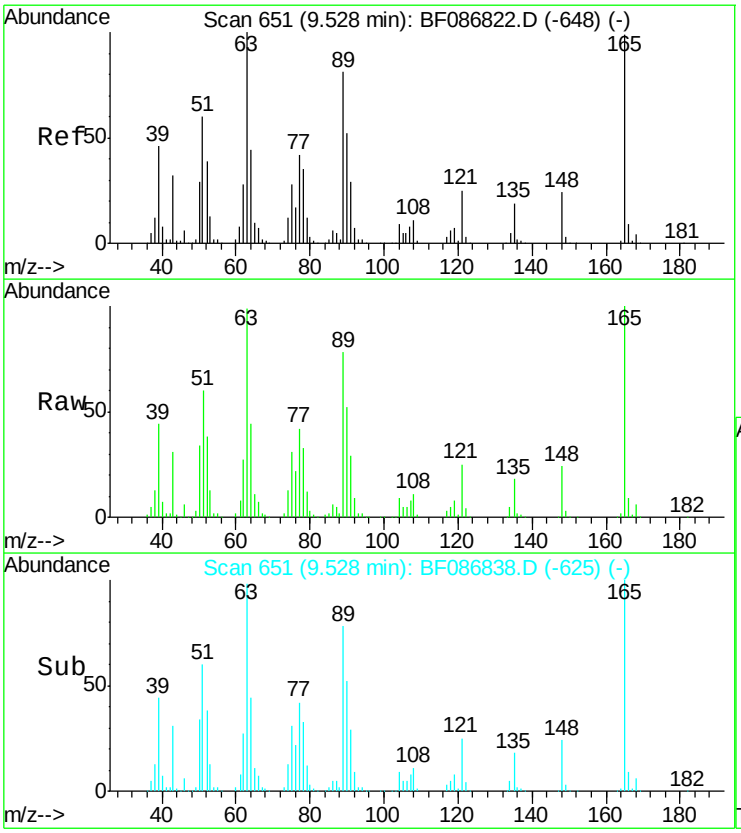
#49
Dimethylphthalate
Concen: 36.61 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:163 Resp: 1083542

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.2	12.4

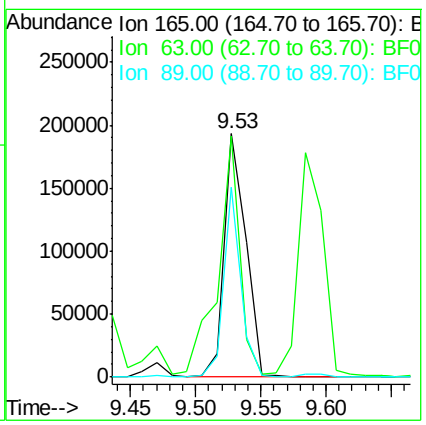


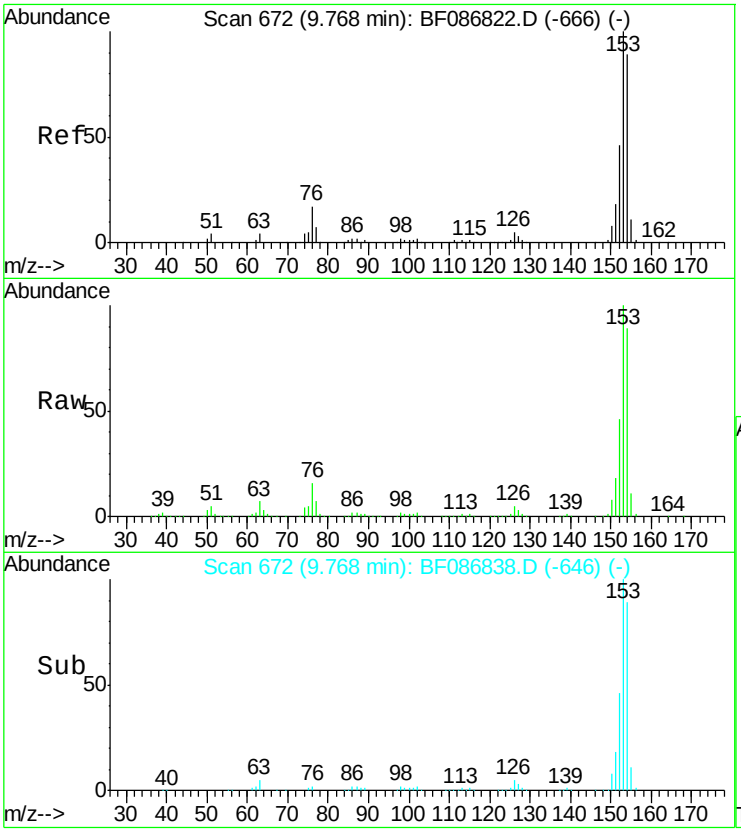


#50
2,6-Dinitrotoluene
Concen: 35.74 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:165 Resp: 222572

Ion	Ratio	Lower	Upper
165	100		
63	98.8	51.8	77.8#
89	77.9	50.7	76.1#



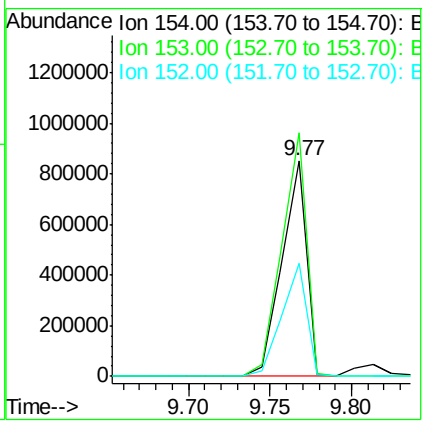


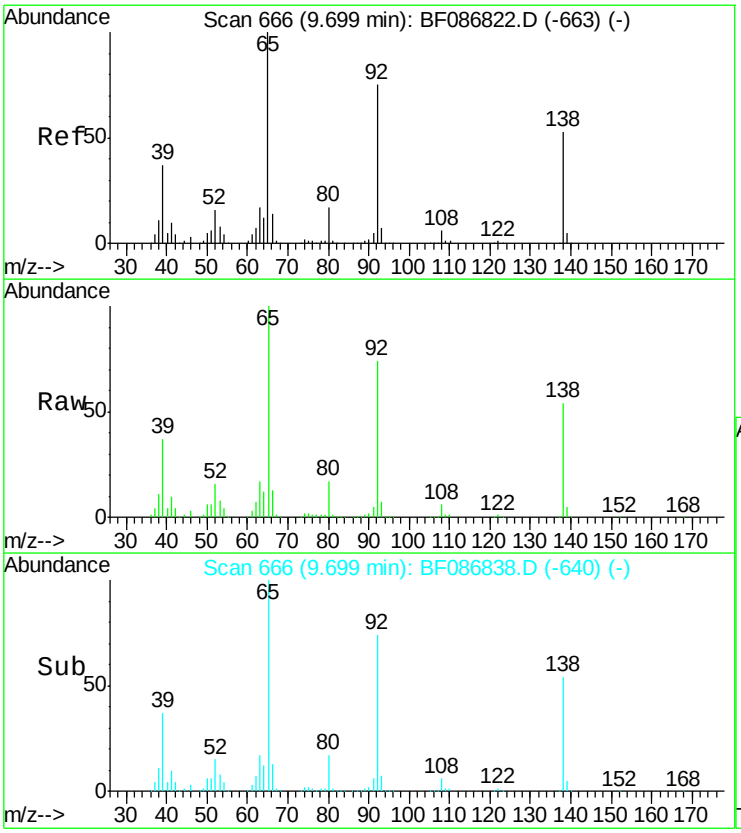
#51
Acenaphthene
Concen: 40.79 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:154 Resp: 902291

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.8	134.6
152	52.2	43.4	65.0

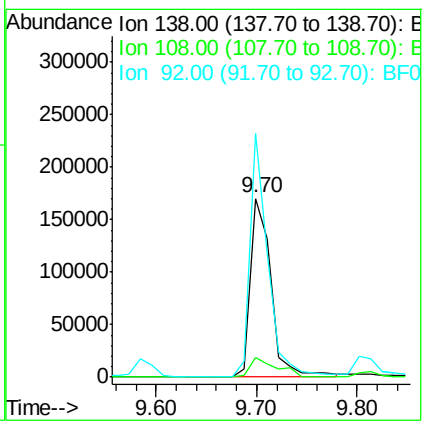


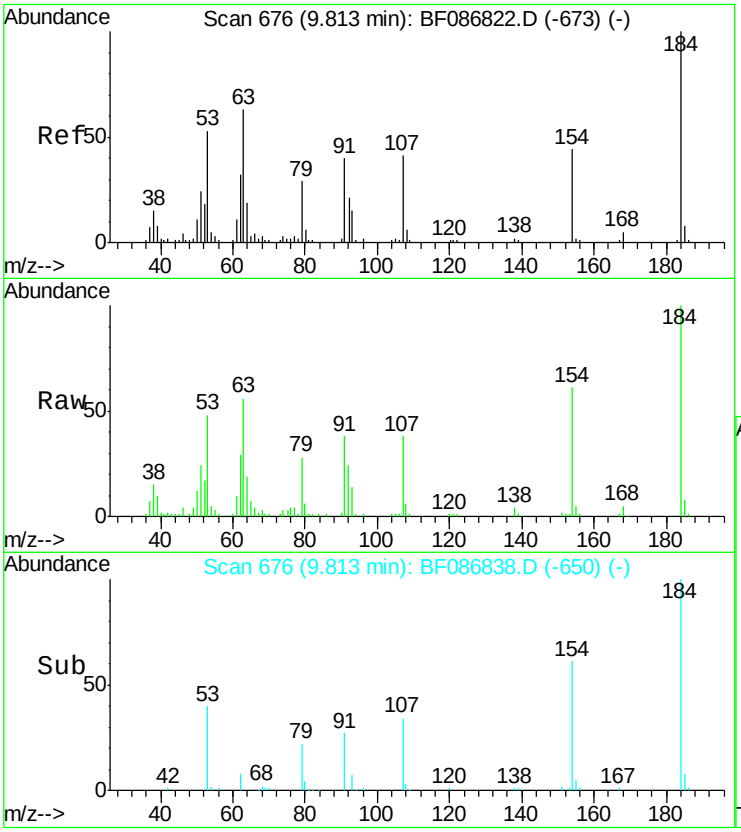


#52
3-Nitroaniline
Concen: 36.88 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:138 Resp: 241793

Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.8	11.6
92	136.5	87.8	131.8#



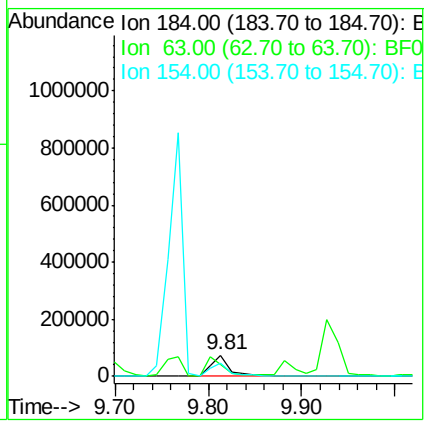


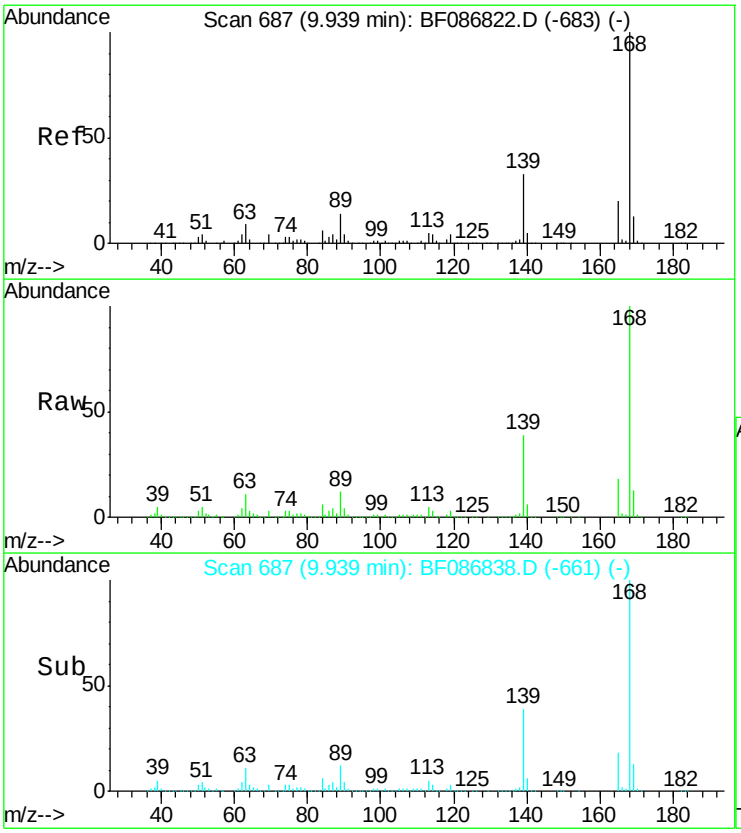
#53
2,4-Dinitrophenol
Concen: 37.65 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:184 Resp: 105501

Ion	Ratio	Lower	Upper
184	100		
63	56.5	55.8	83.8
154	61.2	62.4	93.6#

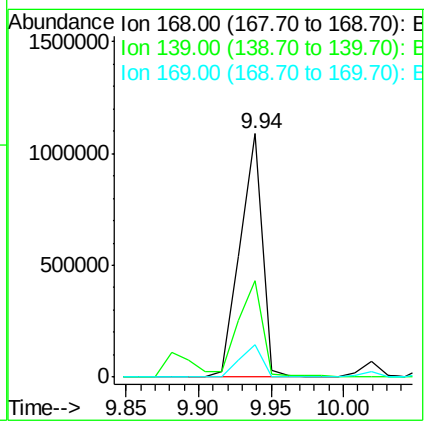


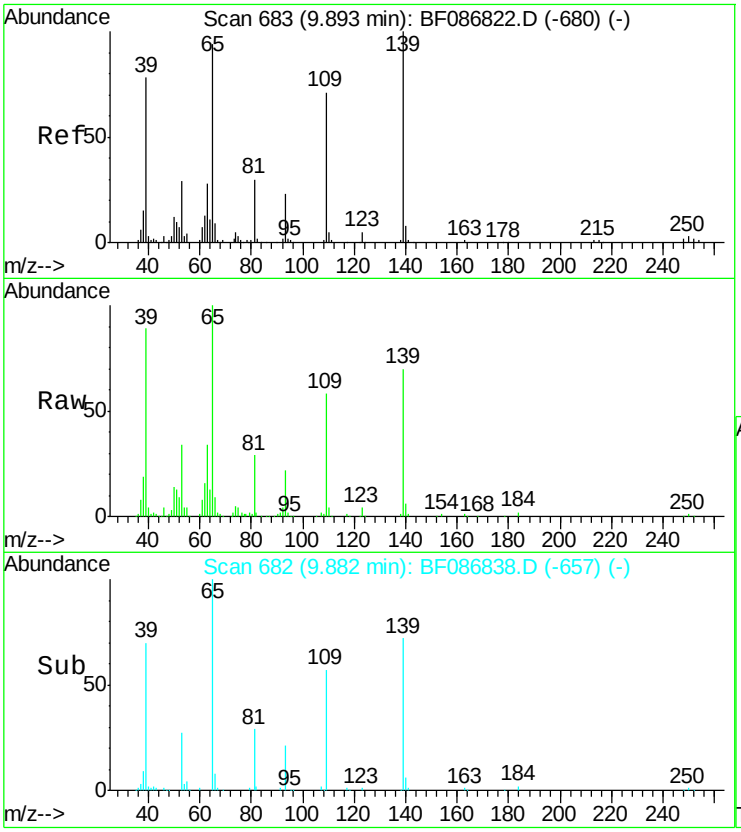


#54
Dibenzofuran
Concen: 41.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:168 Resp: 1164154

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.4	47.0
169	13.3	10.7	16.1



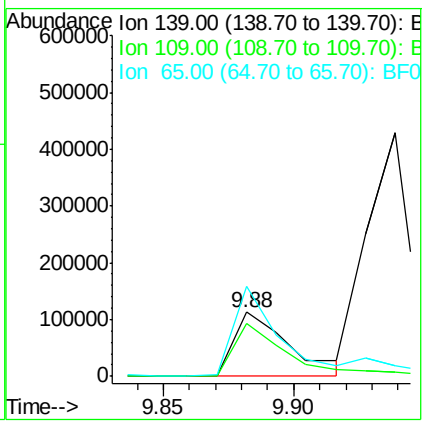


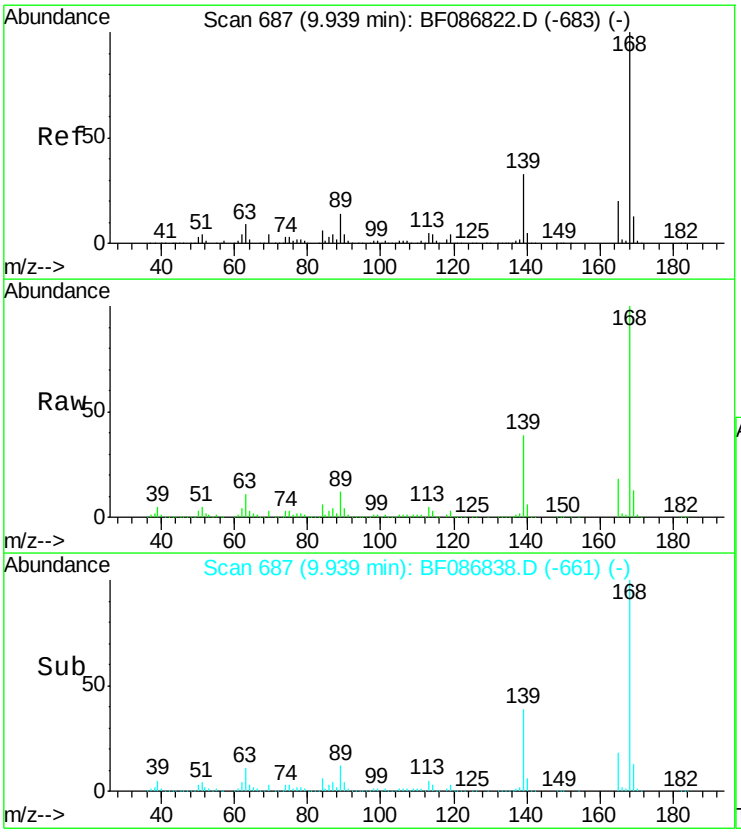
#55
4-Nitrophenol
Concen: 40.63 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:139 Resp: 167214

Ion	Ratio	Lower	Upper
139	100		
109	82.8	36.9	76.9#
65	141.9	64.0	104.0#

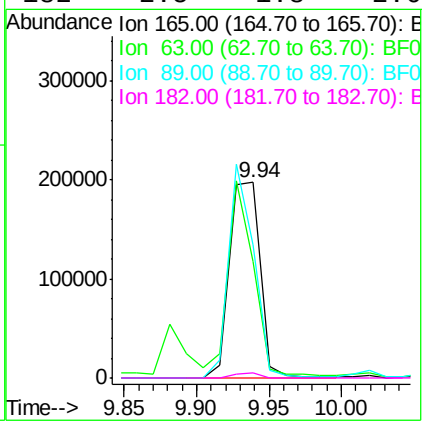


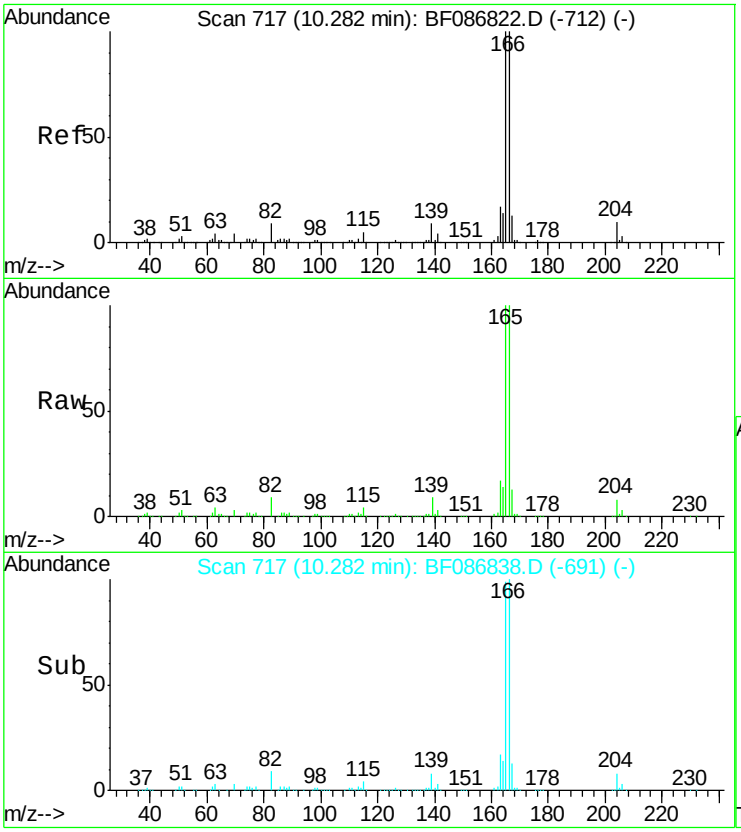


#56
2,4-Dinitrotoluene
Concen: 37.62 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:165 Resp: 289961

Ion	Ratio	Lower	Upper
165	100		
63	59.8	44.3	66.5
89	68.0	70.0	105.0#
182	2.5	1.8	2.6



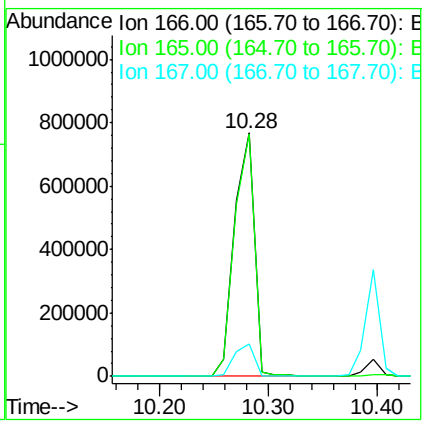


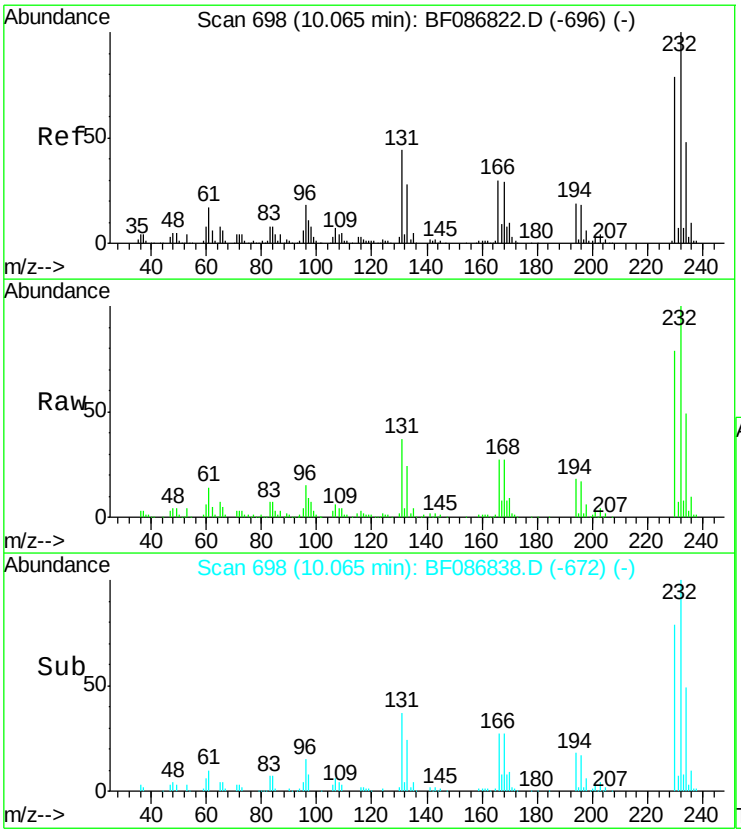
#57
Fluorene
Concen: 39.81 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:166 Resp: 963939

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	13.2	10.6	15.8

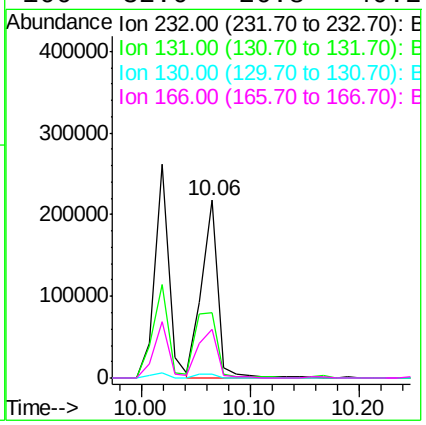


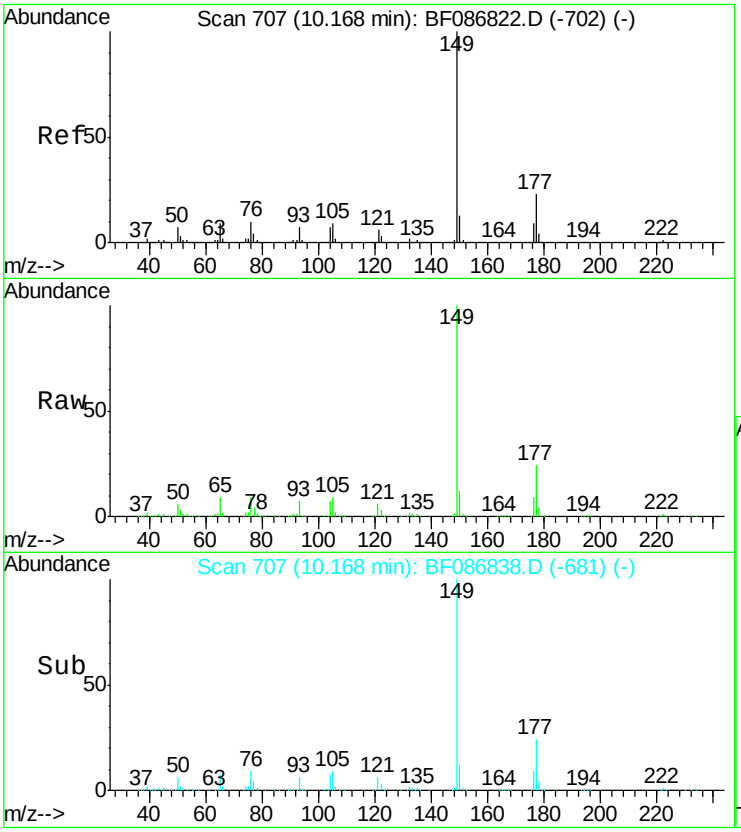


#58
2,3,4,6-Tetrachlorophenol
Concen: 39.14 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:232 Resp: 229820

Ion	Ratio	Lower	Upper
232	100		
131	50.7	41.9	62.9
130	2.5	2.2	3.4
166	32.0	26.8	40.2



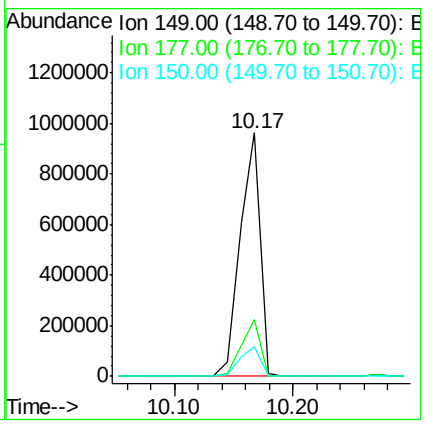


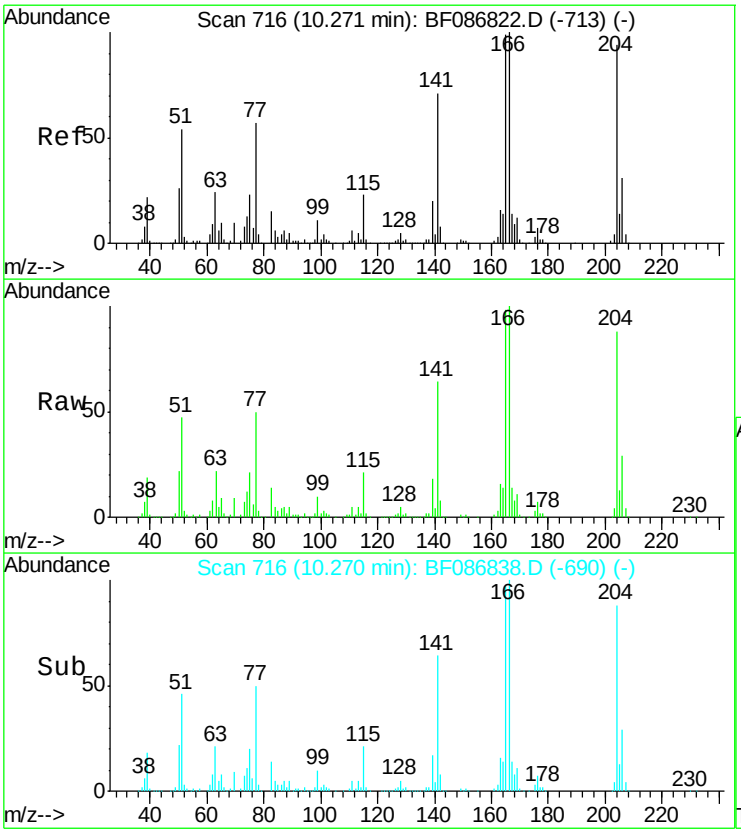
#59
Diethylphthalate
Concen: 39.32 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:149 Resp: 1134024

Ion	Ratio	Lower	Upper
149	100		
177	23.6	16.6	24.8
150	12.5	10.0	15.0

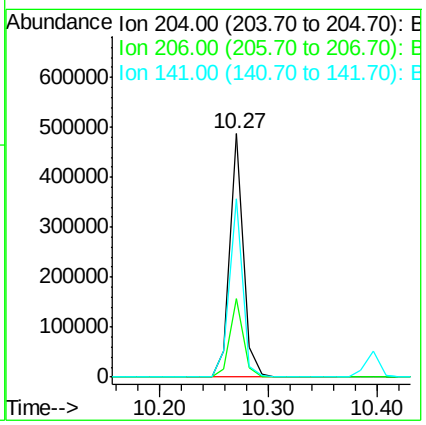


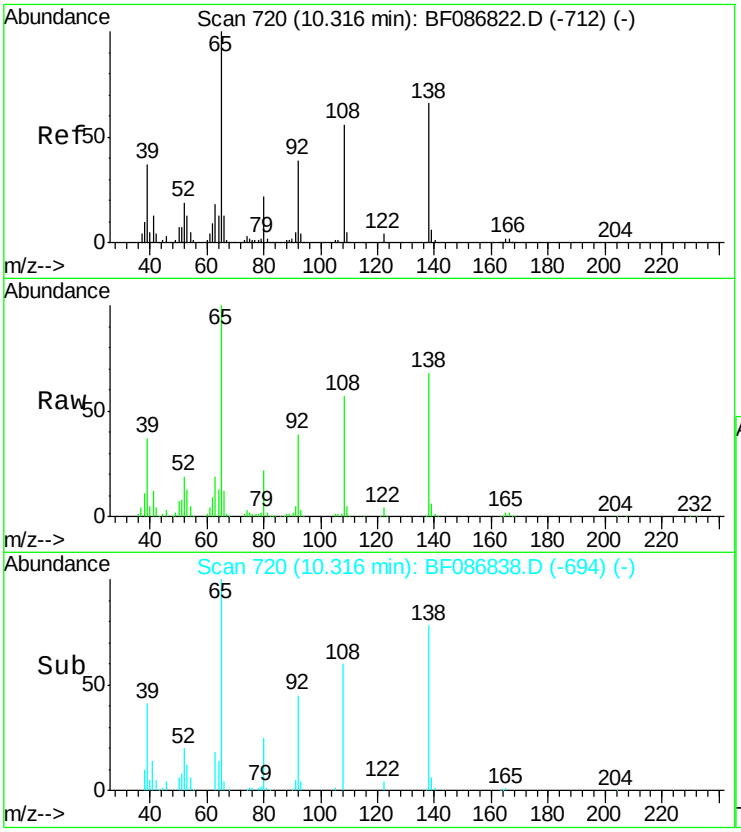


#60
4-Chlorophenyl-phenylether
Concen: 38.16 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:204 Resp: 417695

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.4	38.0
141	73.1	61.6	92.4



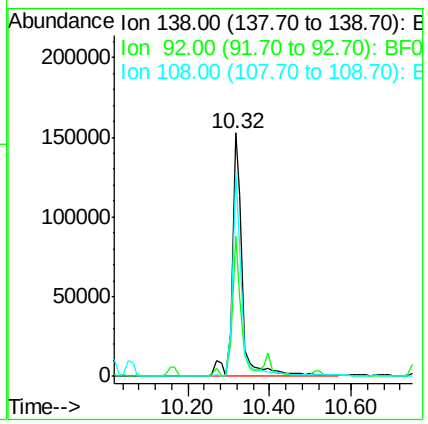


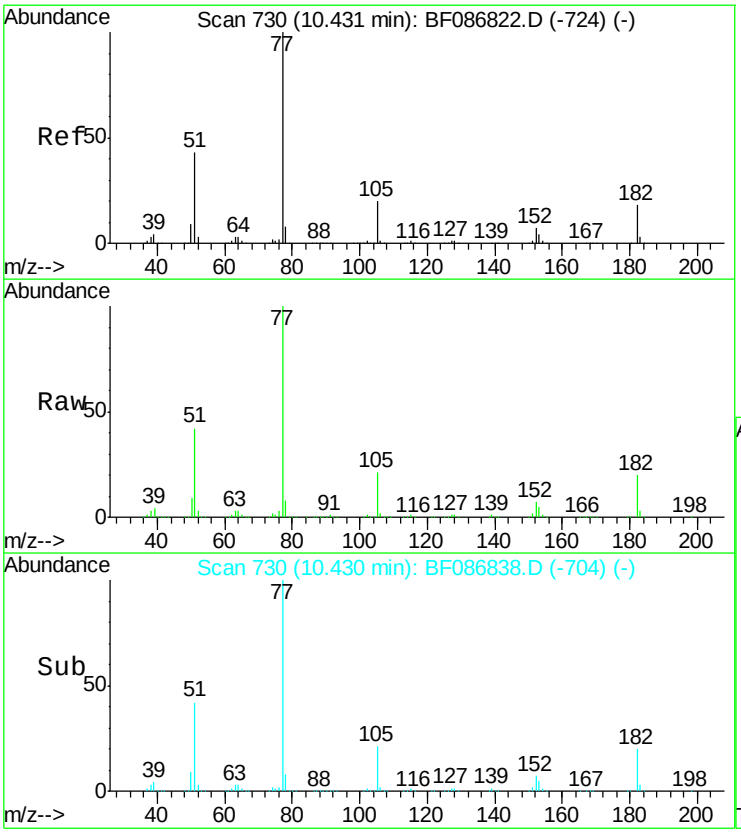
#61
4-Nitroaniline
Concen: 41.82 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:138 Resp: 263389

Ion	Ratio	Lower	Upper
138	100		
92	57.5	24.7	64.7
108	83.8	37.4	77.4#

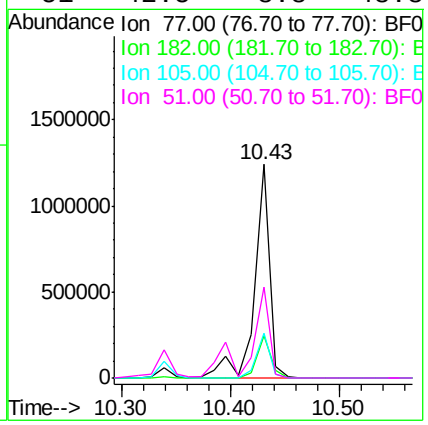


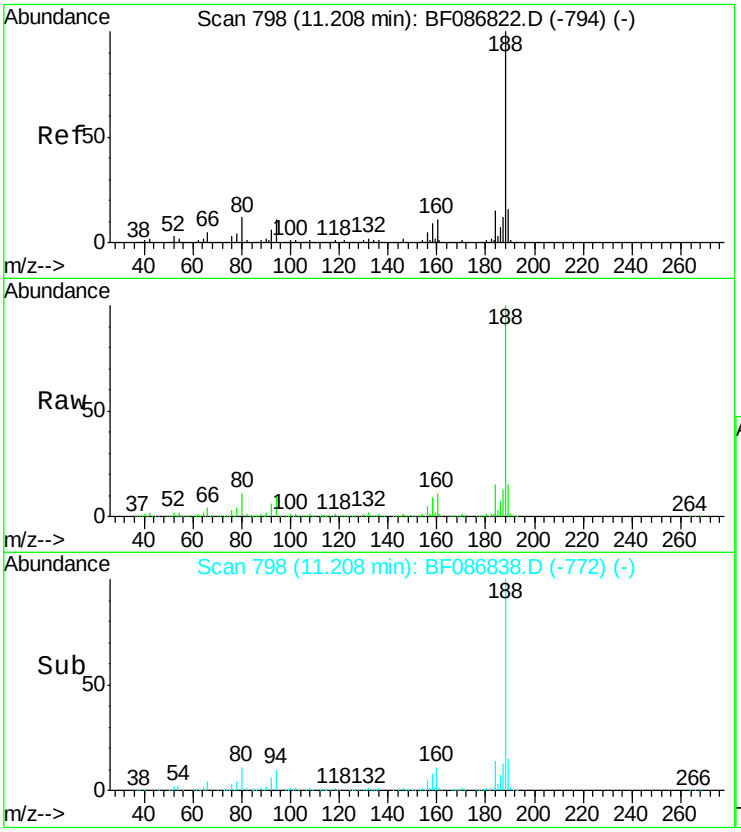


#62
Azobenzene
Concen: 38.59 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion: 77 Resp: 1200604

Ion	Ratio	Lower	Upper
77	100		
182	19.5	0.0	38.8
105	21.1	3.2	43.2
51	42.5	8.8	48.8



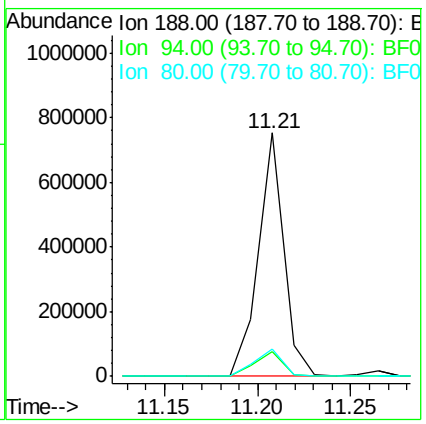


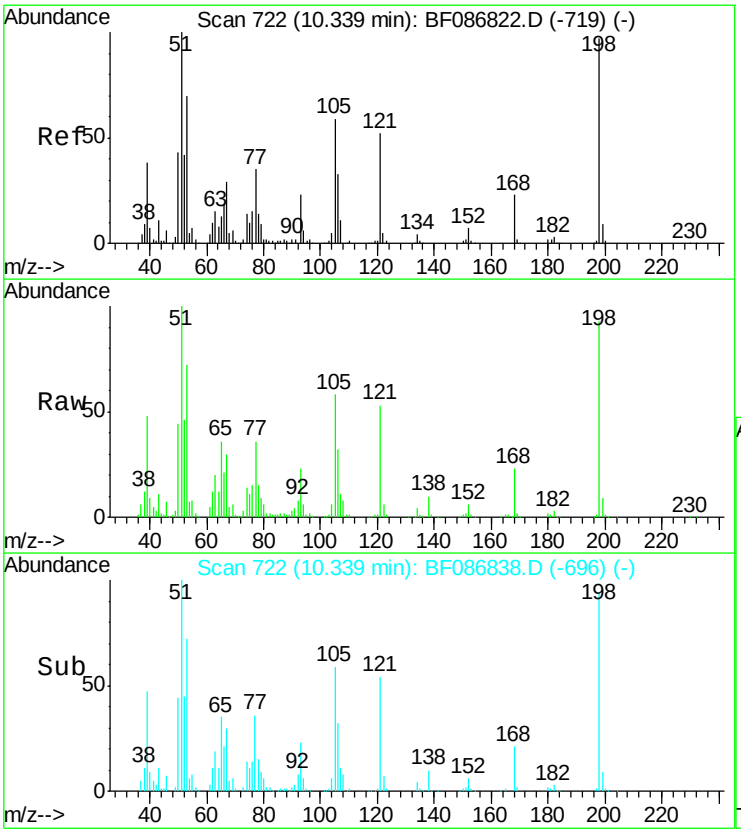
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:188 Resp: 709107

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.8	10.2#
80	11.1	7.1	10.7#

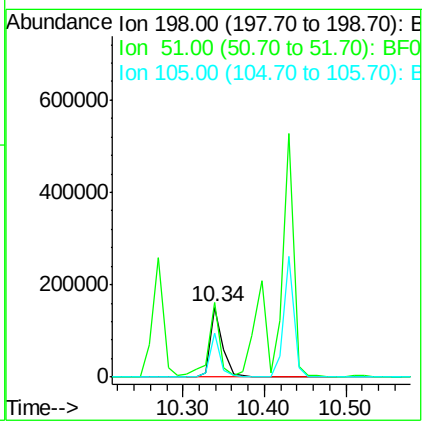


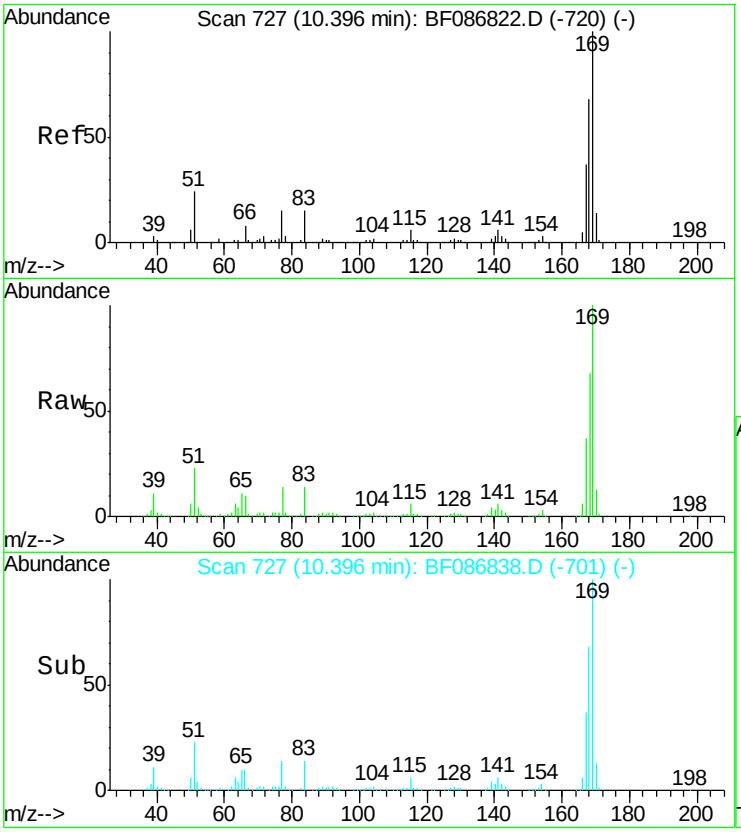


#64
4,6-Dinitro-2-methylphenol
Concen: 36.78 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:198 Resp: 162006

Ion	Ratio	Lower	Upper
198	100		
51	107.2	20.5	60.5#
105	62.7	24.5	64.5



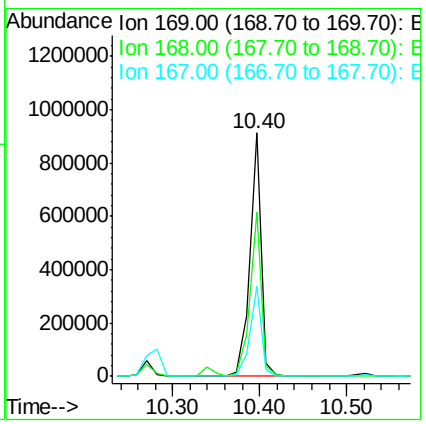


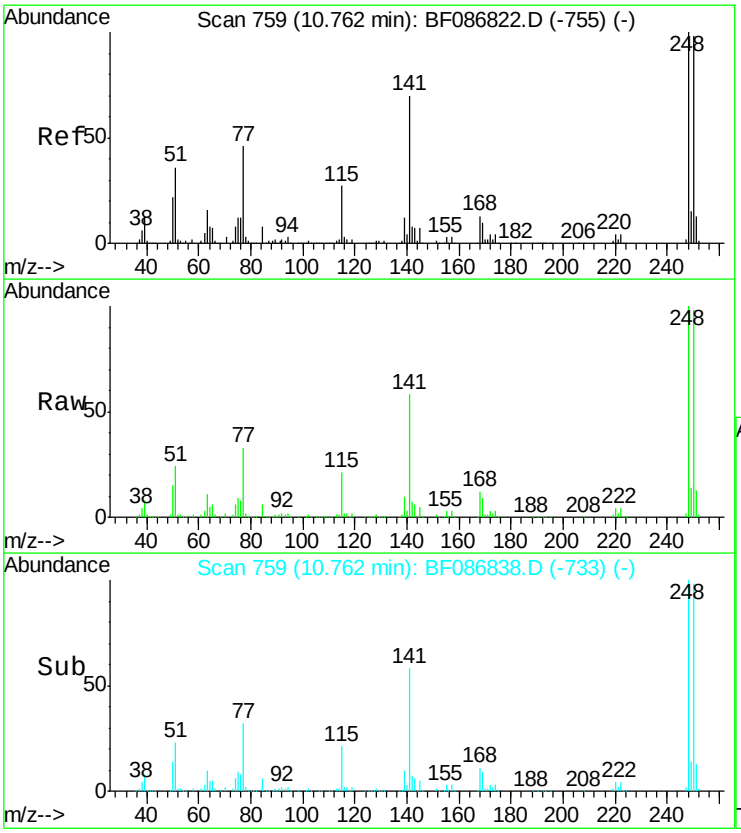
#65
n-Nitrosodiphenylamine
Concen: 38.57 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tgt Ion:169 Resp: 840265

Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.8	80.6
167	37.0	29.5	44.3





#66
4-Bromophenyl-phenylether
Concen: 40.55 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:248 Resp: 291566

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.6	117.8
141	57.8	76.0	114.0#