Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086046.D
Acq On : 4 Apr 2016 19:16
Operator : UM/SJ
Sample : H2180-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-3-20160401

Quant Time: Apr 05 01:00:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	123174	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	447589	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	189064	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	258575	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	210180	20.00	ng		0.00
86) Perylene-d12	15.32	264	162075	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	820883	113.91	ng		-0.01
7) Phenol-d6	6.42	99	1125201	122.93	ng		0.00
23) Nitrobenzene-d5	7.33	82	666278	87.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	176237	99.31	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	885275	77.85	ng		-0.01
78) Terphenyl-d14	12.88	244	526162	58.85	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.45	93	1393	0.12	ng	#	1
9) Benzaldehyde	6.53	77	17197	3.49	ng		84
10) Phenol	6.43	94	5548	0.53	ng	#	22
11) bis(2-Chloroethyl)ether	6.53	93	1332	0.16	ng	#	1
12) 1,3-Dichlorobenzene	6.78	146	1732	0.19	ng	#	71
13) 1,4-Dichlorobenzene	6.78	146	1732	0.18	ng	#	87
14) 1,2-Dichlorobenzene	6.78	146	1732	0.20	ng	#	85
15) Benzyl Alcohol	6.91	79	12661	2.14	ng	#	48
16) 2,2'-oxybis(1-Chloropropan	7.06	45	220	0.02	ng	#	1
17) 2-Methylphenol	7.24	107	1104	0.16	ng	#	51
18) Hexachloroethane	7.30	117	1729	0.50	ng	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	92459	16.30	ng	#	77
20) 3+4-Methylphenols	7.24	107	1104	0.13	ng	#	71
22) Acetophenone	7.16	105	4950	0.47	ng	#	56
24) Nitrobenzene	7.33	77	3894	0.47	ng	#	35
25) Isophorone	7.33	82	495656	33.08	ng	#	68
26) 2-Nitrophenol	7.66	139	217	0.05	ng	#	1
27) 2,4-Dimethylphenol	7.70	122	710	0.10	ng	#	1
28) bis(2-Chloroethoxy)methane	7.79	93	1517	0.17	ng	#	1
29) 2,4-Dichlorophenol	7.89	162	251	0.04	ng	#	21
31) Naphthalene	8.06	128	42075	1.87	ng		96
32) Benzoic acid	7.85	122	2142	0.41	ng	#	50
33) 4-Chloroaniline	8.16	127	2924	0.32	ng	#	63
35) Caprolactam	8.48	113	10850	5.67	ng	#	58
36) 4-Chloro-3-methylphenol	8.57	107	2684	0.40	ng	#	29
37) 2-Methylnaphthalene	8.76	142	28894	1.96	ng		98
42) 2,4,6-Trichlorophenol	9.04	196	245	0.07	ng	#	13
43) 2,4,5-Trichlorophenol	9.08	196	224	0.06	ng	#	1
45) 1,1'-Biphenyl	9.23	154	10682	0.66	ng		90
46) 2-Chloronaphthalene	9.30	162	1447	0.12	ng	#	1
47) 2-Nitroaniline	9.39	65	905	0.26	ng	#	58
48) Acenaphthylene	9.66	152	38273	2.02	ng	#	85
49) Dimethylphthalate	9.53	163	101139	7.22	ng	#	99
50) 2,6-Dinitrotoluene	9.56	165	3014	1.02	ng	#	41

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086046.D
Acq On : 4 Apr 2016 19:16
Operator : UM/SJ
Sample : H2180-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-3-20160401

Quant Time: Apr 05 01:00:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.84	154	29774	2.64	ng		91
52) 3-Nitroaniline	9.74	138	5161	1.44	ng	#	16
53) 2,4-Dinitrophenol	10.00	184	246	2.15	ng	#	1
54) Dibenzofuran	10.01	168	26856	1.81	ng	#	75
55) 4-Nitrophenol	9.90	139	3571	1.70	ng	#	1
56) 2,4-Dinitrotoluene	10.01	165	3117	0.83	ng	#	69
57) Fluorene	10.35	166	36188	2.85	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	10.13	232	2039	0.74	ng	#	59
59) Diethylphthalate	10.22	149	5397	0.38	ng	#	15
60) 4-Chlorophenyl-phenylether	10.35	204	1566	0.26	ng	#	1
61) 4-Nitroaniline	10.26	138	7996	2.27	ng		88
62) Azobenzene	10.48	77	1500	0.11	ng	#	30
64) 4,6-Dinitro-2-methylphenol	10.44	198	208	0.13	ng	#	1
65) n-Nitrosodiphenylamine	10.46	169	26296	3.25	ng	#	56
66) 4-Bromophenyl-phenylether	10.85	248	519	0.20	ng	#	1
68) Atrazine	11.01	200	765	0.29	ng	#	1
69) Pentachlorophenol	11.14	266	724	0.57	ng	#	1
70) Phenanthrene	11.31	178	279723	19.83	ng		97
71) Anthracene	11.31	178	279723	18.93	ng		98
72) Carbazole	11.53	167	30648	2.41	ng	#	71
73) Di-n-butylphthalate	11.85	149	19828	1.26	ng	#	43
74) Fluoranthene	12.50	202	353213	24.07	ng		96
76) Benzidine	12.69	184	547	0.07	ng	#	1
77) Pyrene	12.73	202	342302	23.11	ng		99
79) Butylbenzylphthalate	13.35	149	4546	0.68	ng	#	30
80) Benzo(a)anthracene	13.92	228	177393	14.32	ng		94
81) 3,3'-Dichlorobenzidine	13.87	252	817	0.09	ng	#	43
82) Chrysene	13.92	228	177393	14.86	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	44005	4.97	ng	#	91
84) Di-n-octyl phthalate	14.51	149	4017	0.28	ng	#	78
85) Indeno(1,2,3-cd)pyrene	16.53	276	13808	1.43	ng		96
87) Benzo(b)fluoranthene	14.93	252	227468	22.31	ng		96
88) Benzo(k)fluoranthene	14.93	252	227468	25.19	ng	#	94
89) Benzo(a)pyrene	15.27	252	114117	12.63	ng	#	92
90) Dibenzo(a,h)anthracene	16.68	278	15573	2.14	ng	#	77
91) Benzo(g,h,i)perylene	17.09	276	61912	8.80	ng		97

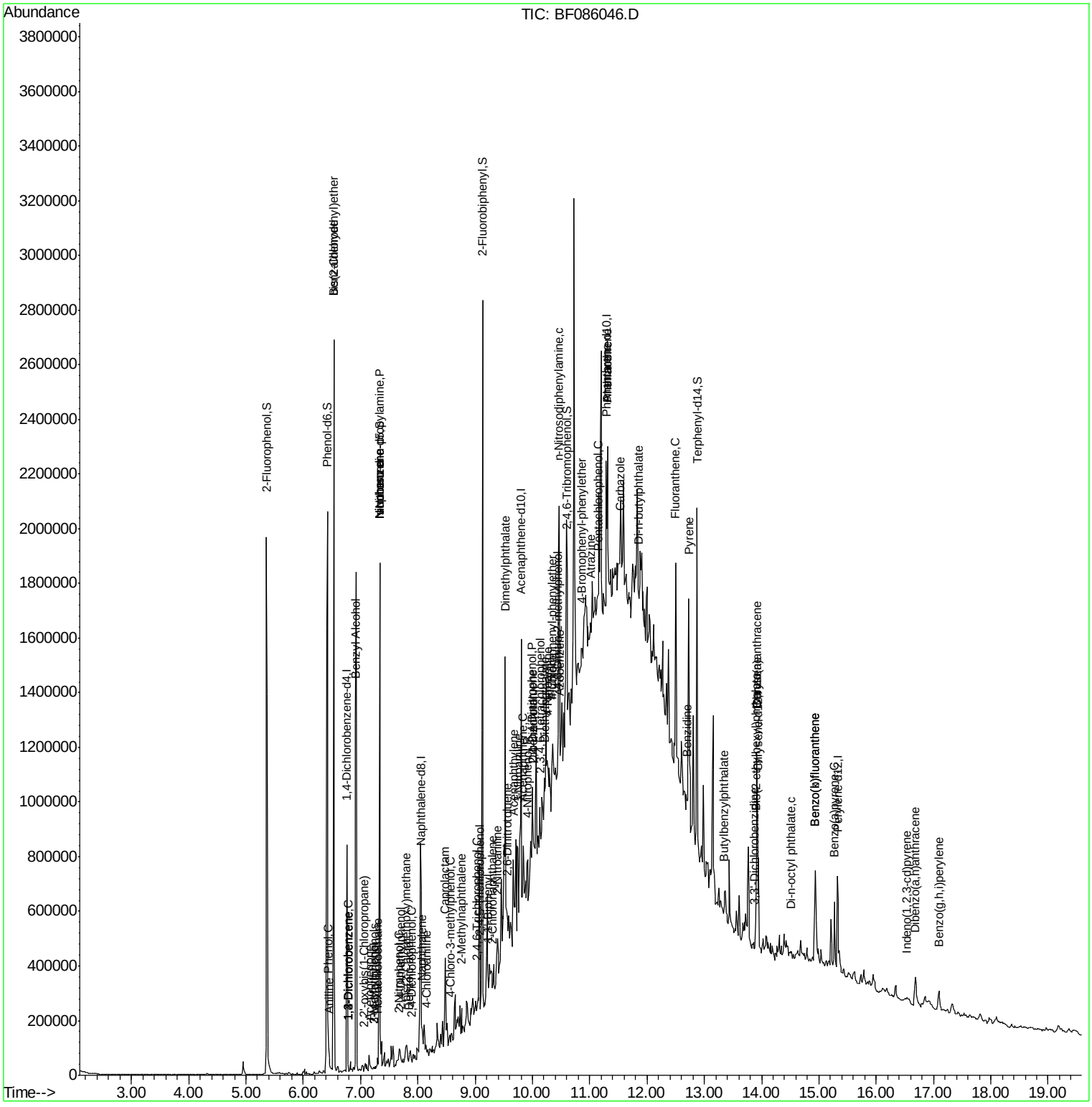
(#) = qualifier out of range (m) = manual integration (+) = signals summed

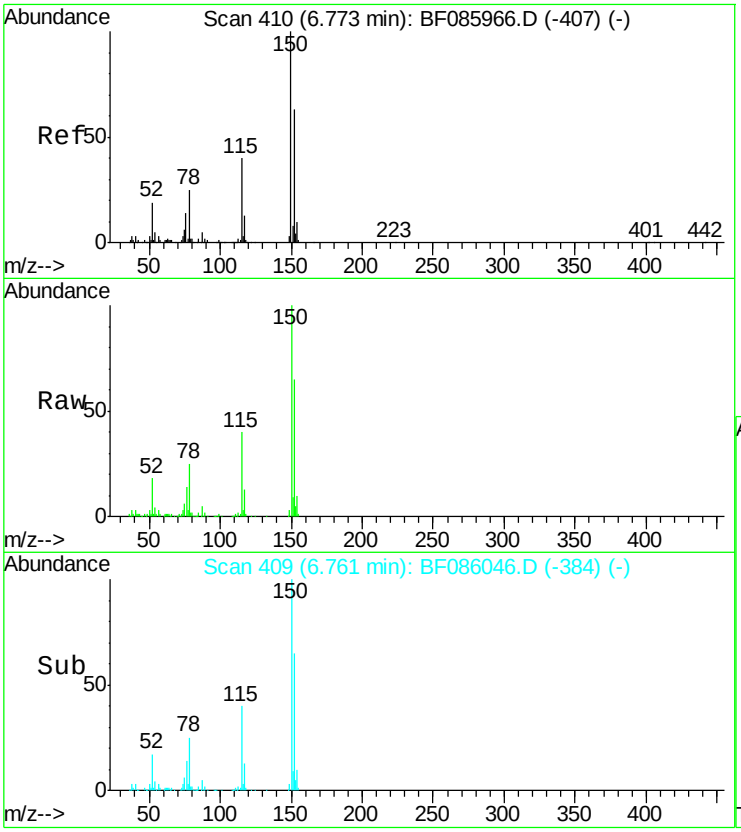
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086046.D
Acq On : 4 Apr 2016 19:16
Operator : UM/SJ
Sample : H2180-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Quant Time: Apr 05 01:00:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration



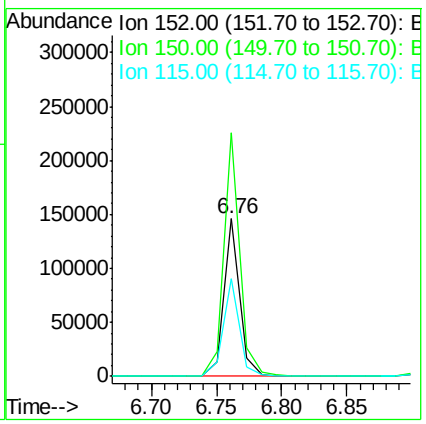


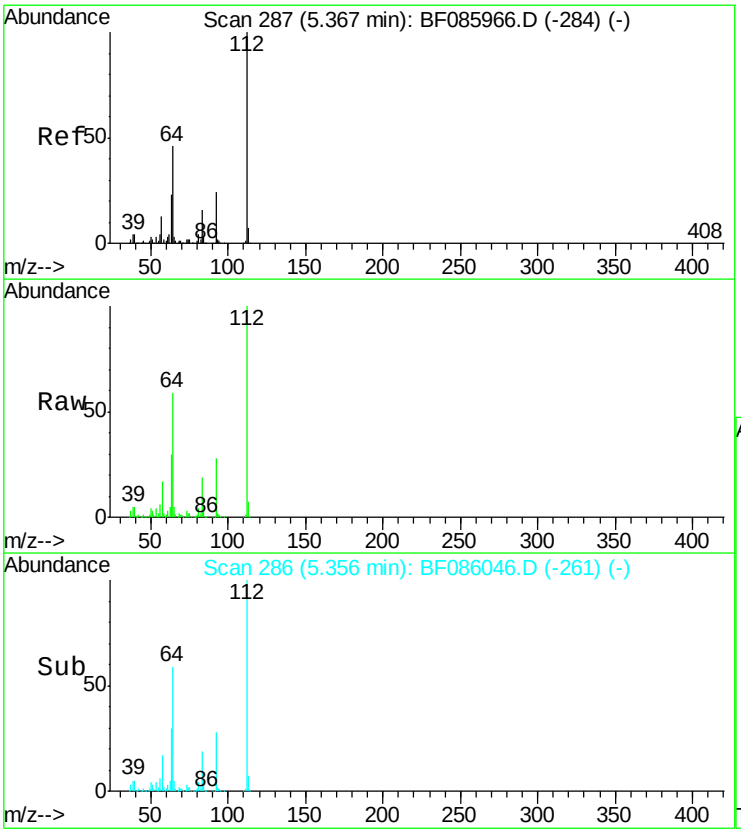
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:152 Resp: 123174

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	62.5	47.0	70.6

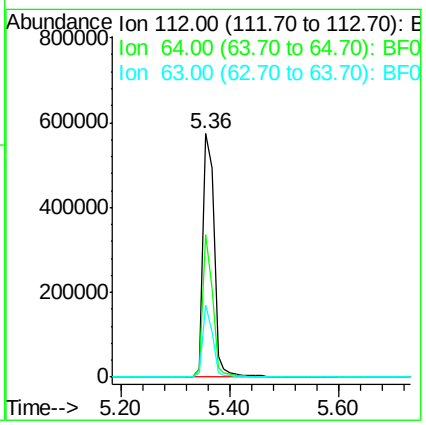


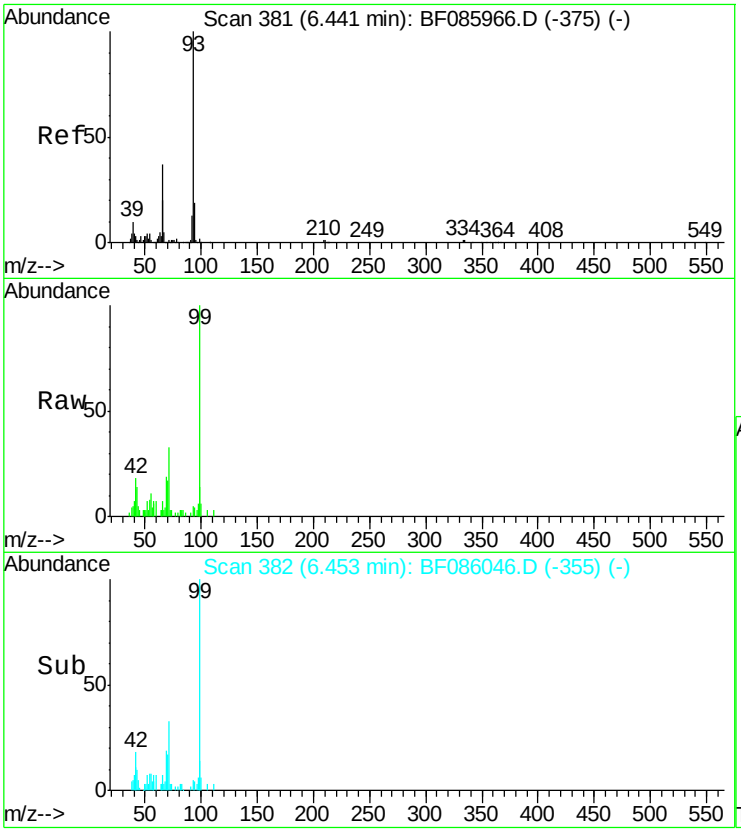


#5
2-Fluorophenol
Concen: 113.91 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:112 Resp: 820883

Ion	Ratio	Lower	Upper
112	100		
64	58.7	39.9	59.9
63	29.6	20.2	30.2



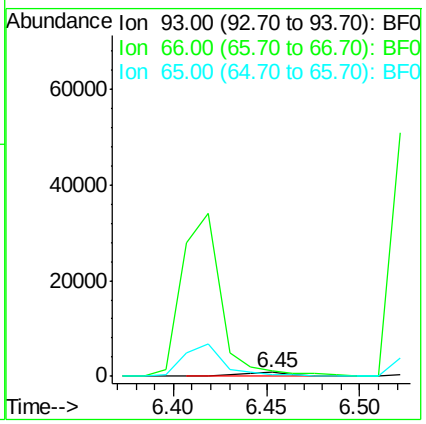


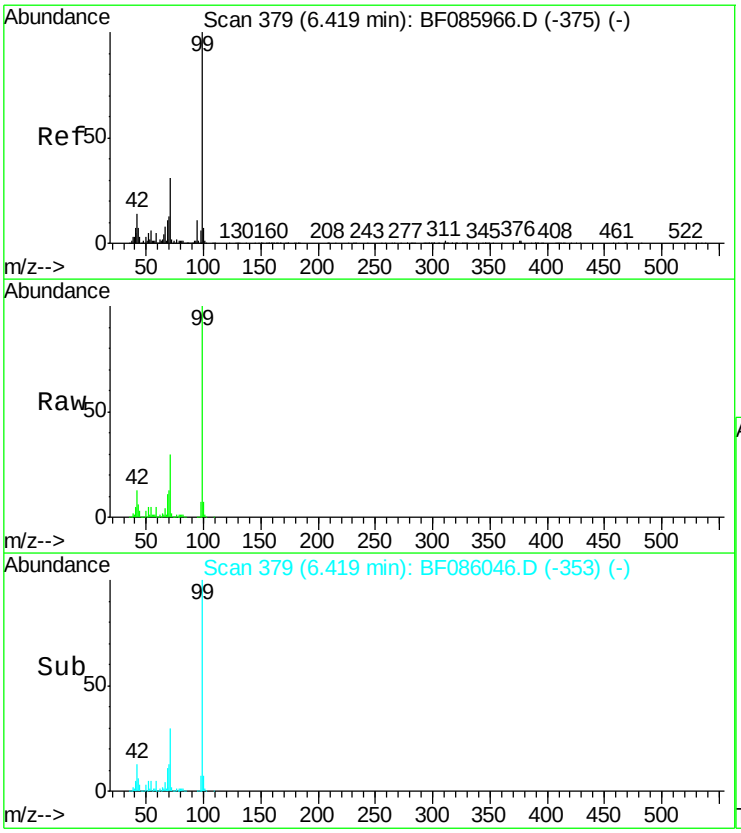
#6
Aniline
Concen: 0.12 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 93 Resp: 1393

Ion	Ratio	Lower	Upper
93	100		
66	136.5	31.4	47.2#
65	57.7	15.7	23.5#

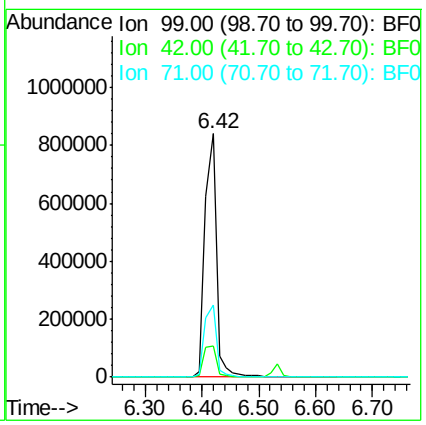


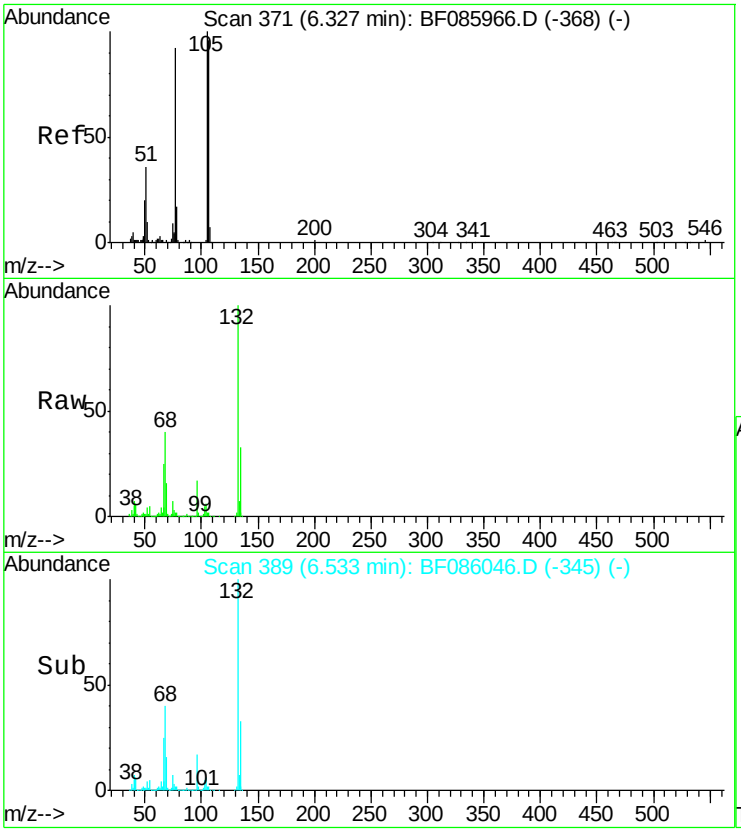


#7
Phenol-d6
Concen: 122.93 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion: 99 Resp: 1125201

Ion	Ratio	Lower	Upper
99	100		
42	12.8	11.1	16.7
71	29.8	24.9	37.3



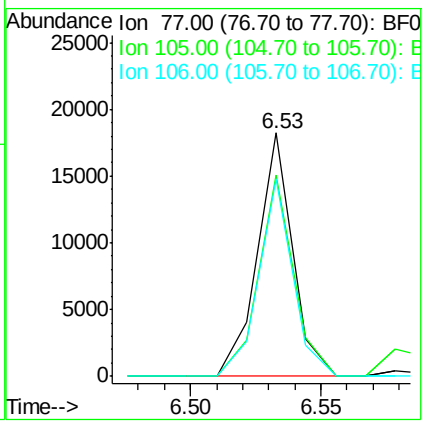


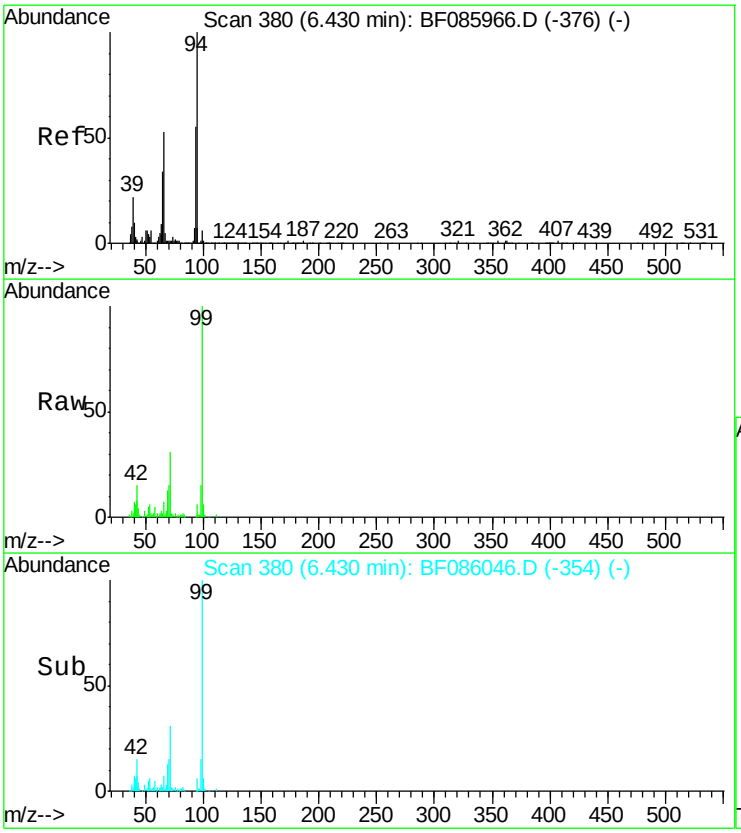
#9
Benzaldehyde
Concen: 3.49 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.21 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 77 Resp: 17197

Ion	Ratio	Lower	Upper
77	100		
105	82.7	80.1	120.1
106	81.0	75.0	115.0

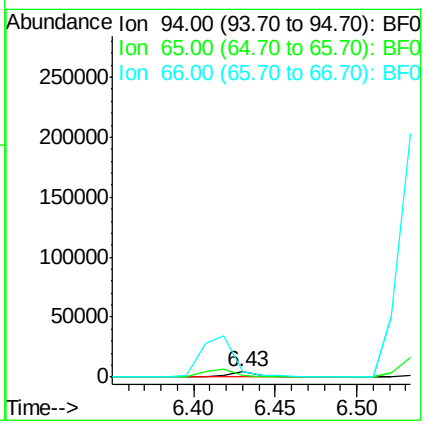


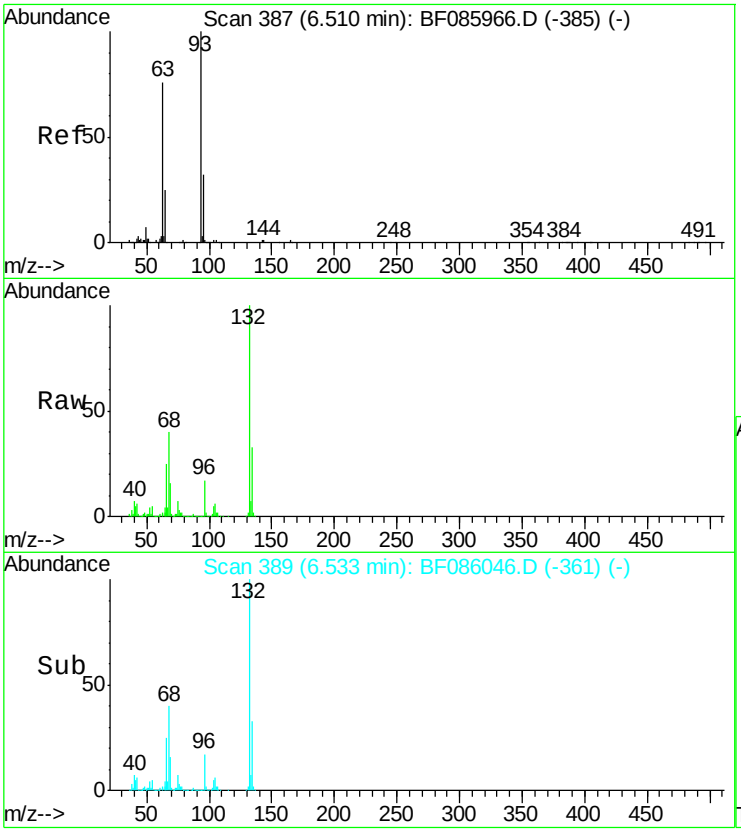


#10
Phenol
Concen: 0.53 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion: 94 Resp: 5548

Ion	Ratio	Lower	Upper
94	100		
65	36.4	8.6	48.6
66	115.7	20.0	60.0#



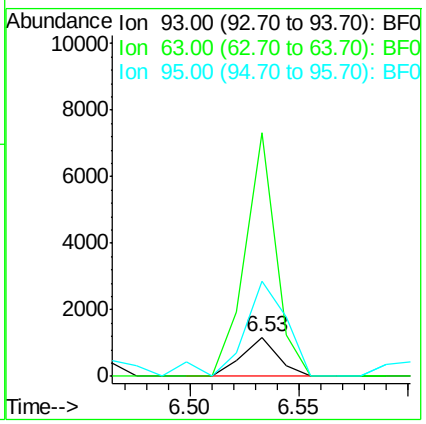


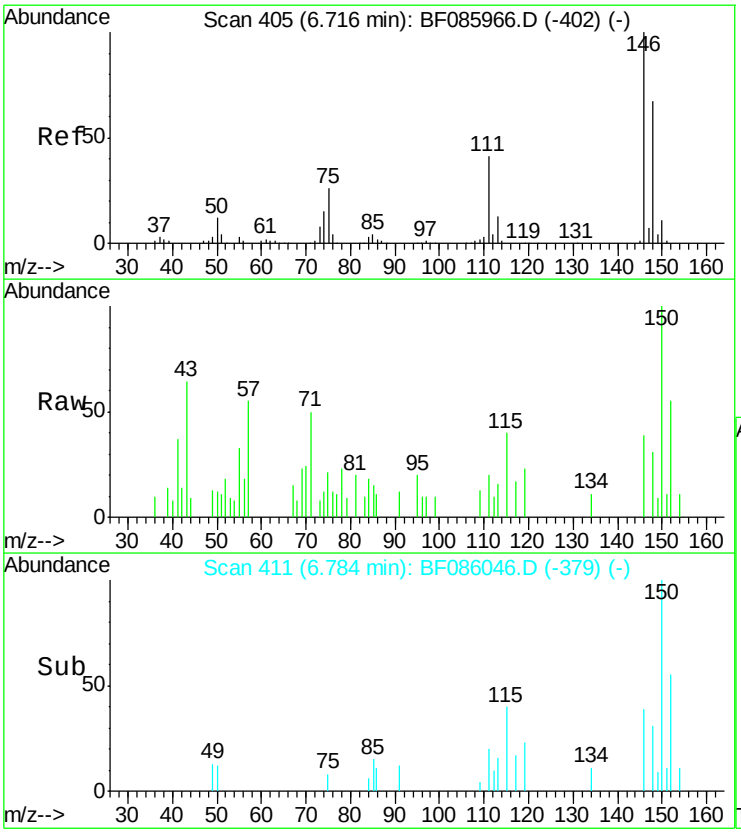
#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 93 Resp: 1332

Ion	Ratio	Lower	Upper
93	100		
63	626.7	50.9	90.9#
95	243.5	13.3	53.3#

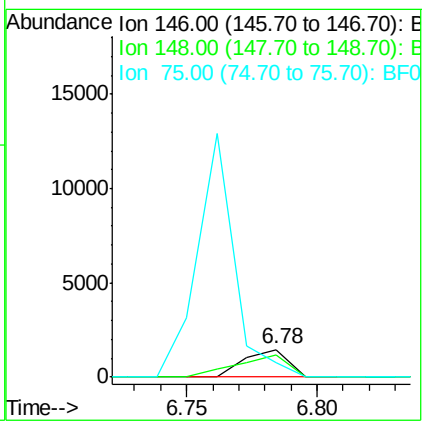


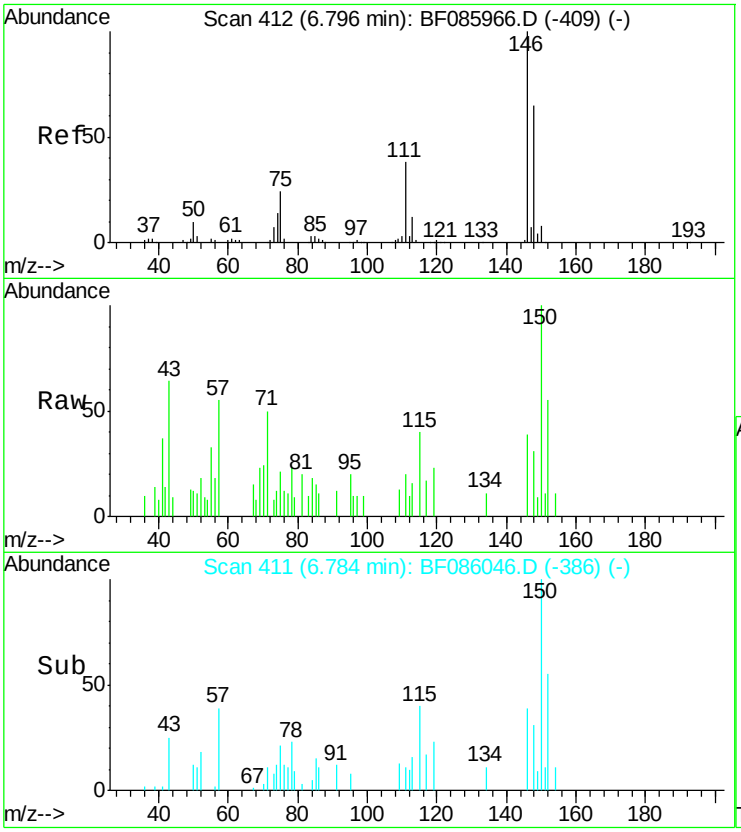


#12
1,3-Dichlorobenzene
Concen: 0.19 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.07 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:146 Resp: 1732

Ion	Ratio	Lower	Upper
146	100		
148	78.5	52.3	78.5
75	52.7	17.4	26.2#



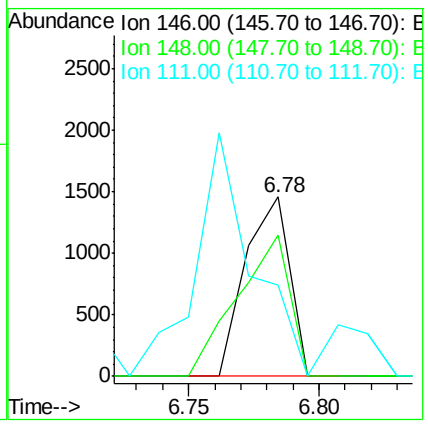


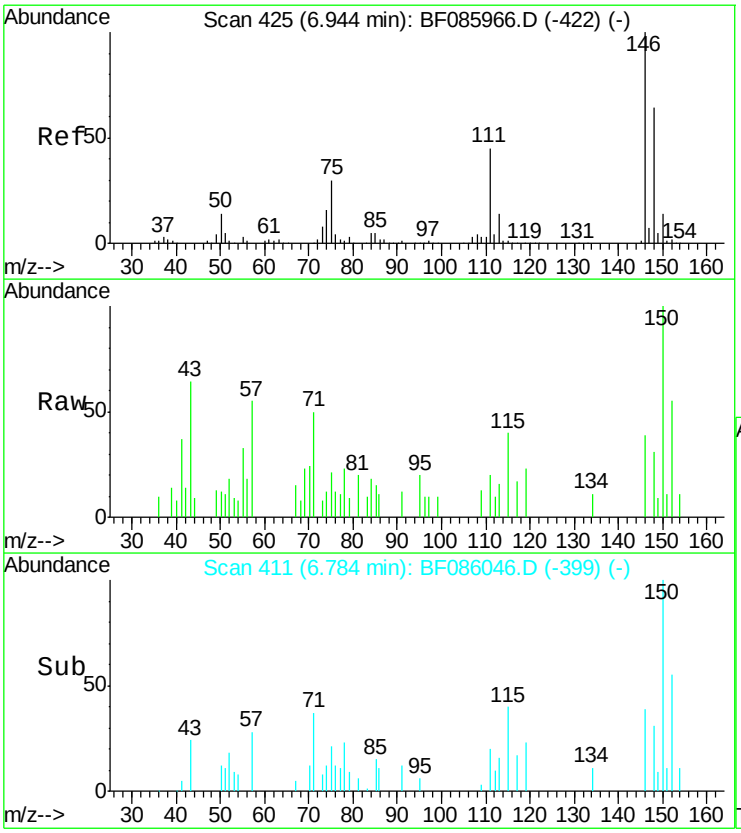
#13
1,4-Dichlorobenzene
Concen: 0.18 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:146 Resp: 1732

Ion	Ratio	Lower	Upper
146	100		
148	78.5	50.6	76.0#
111	50.8	37.8	56.6

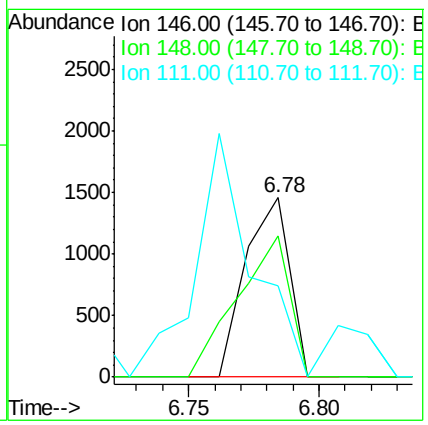


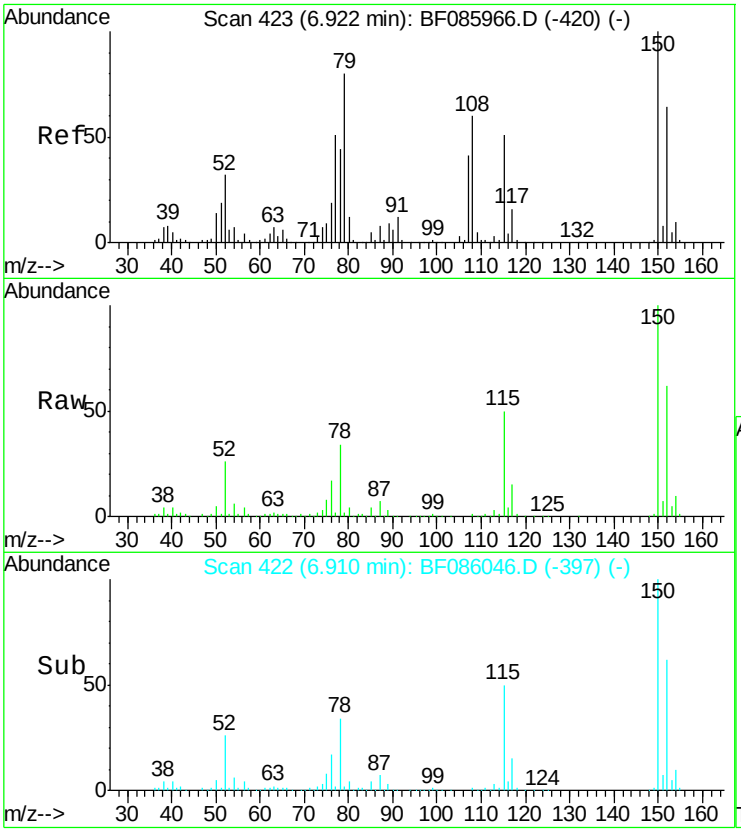


#14
1,2-Dichlorobenzene
Concen: 0.20 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.16 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:146 Resp: 1732

Ion	Ratio	Lower	Upper
146	100		
148	78.5	51.4	77.2#
111	50.8	34.6	52.0



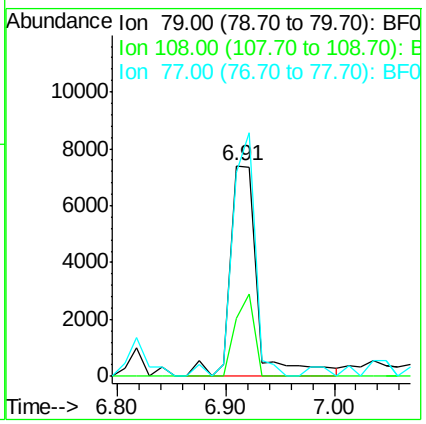


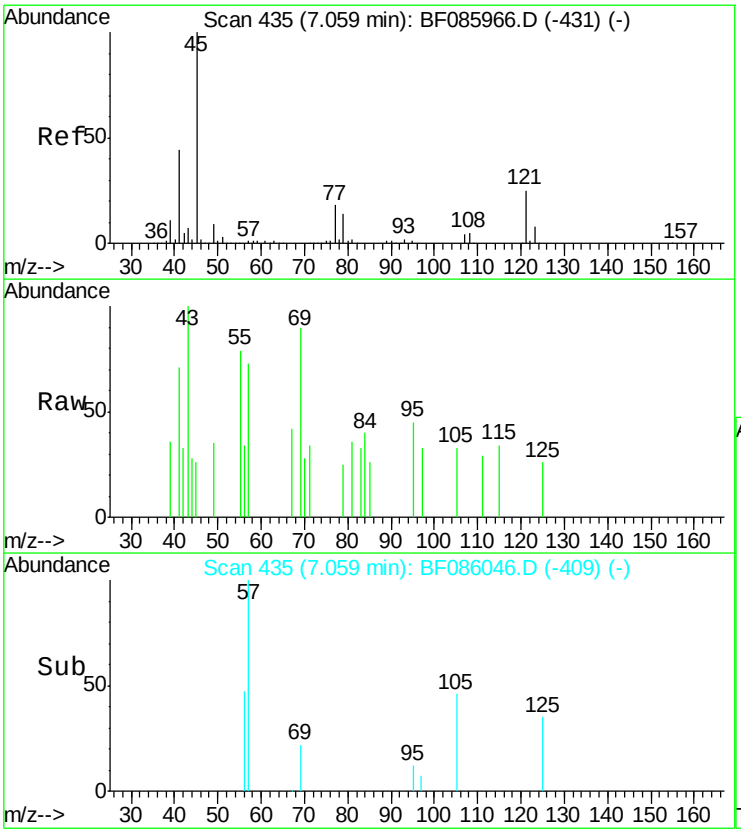
#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 79 Resp: 12661

Ion	Ratio	Lower	Upper
79	100		
108	27.6	61.8	92.6#
77	97.0	49.6	74.4#

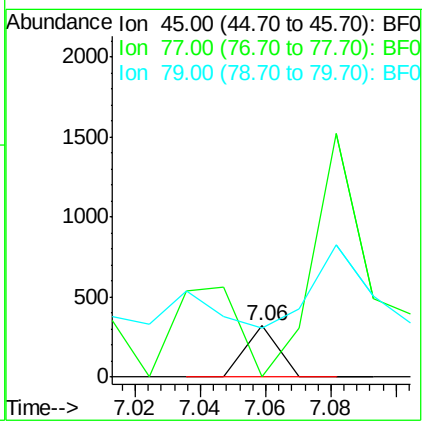


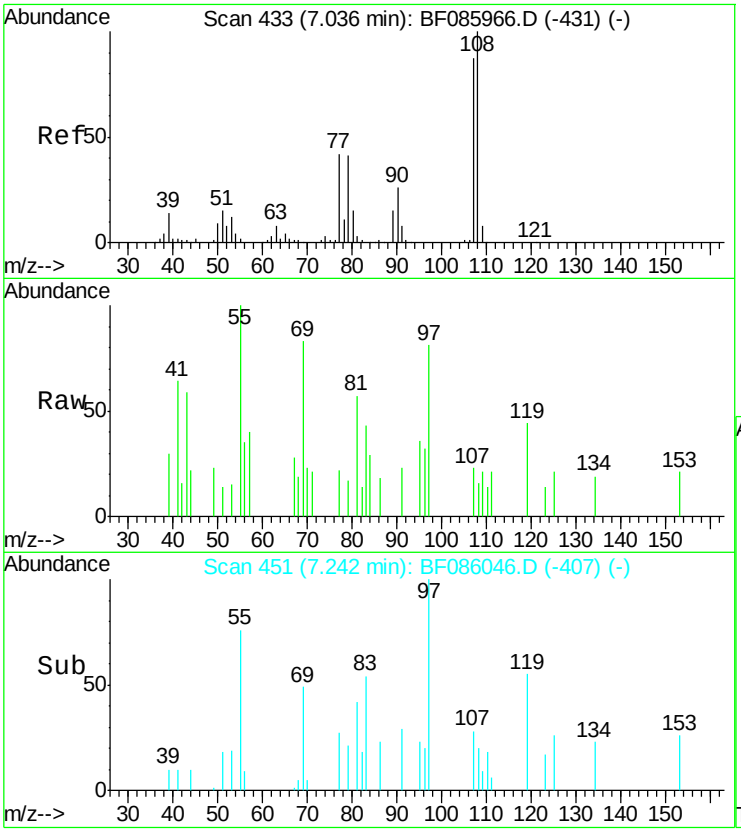


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.02 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion: 45 Resp: 220

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.7
79	96.6	0.0	32.2#



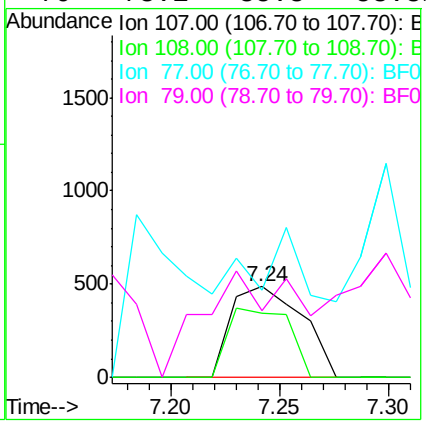


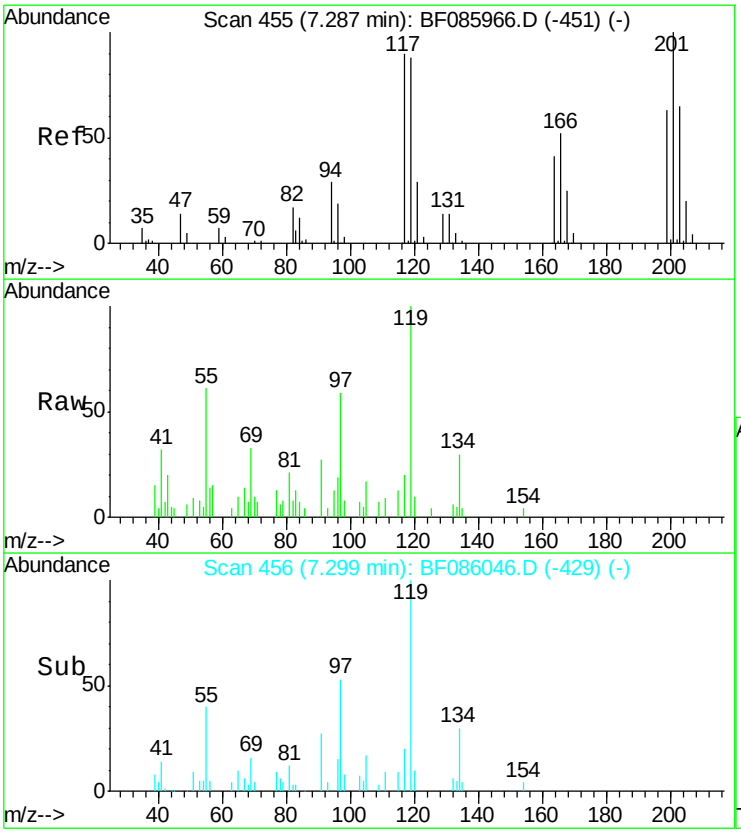
#17
2-Methylphenol
Concen: 0.16 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.21 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:107 Resp: 1104

Ion	Ratio	Lower	Upper
107	100		
108	71.0	91.4	137.0#
77	96.1	36.2	54.2#
79	73.1	35.8	53.8#

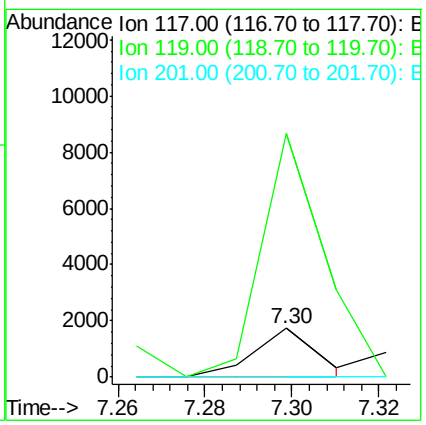


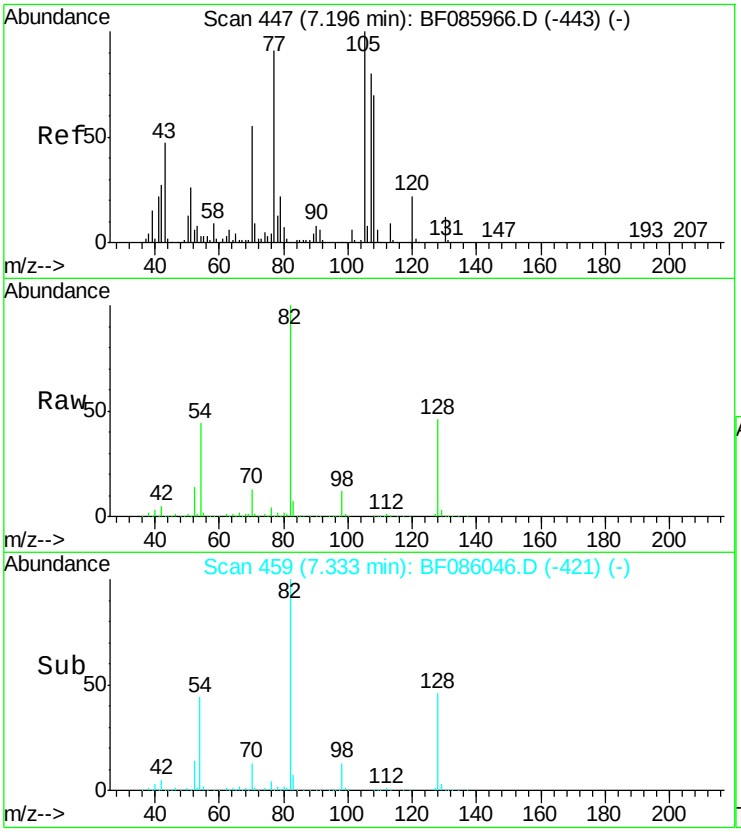


#18
Hexachloroethane
Concen: 0.50 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:117 Resp: 1729

Ion	Ratio	Lower	Upper
117	100		
119	501.2	76.7	115.1#
201	0.0	83.3	124.9#



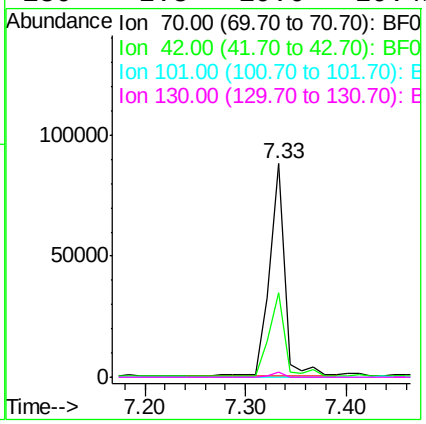


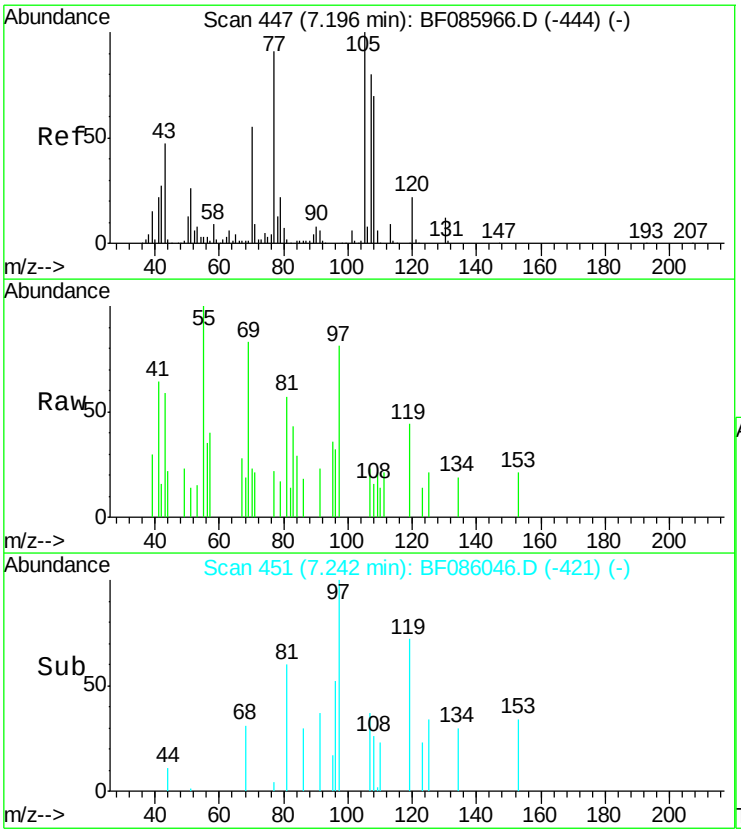
#19
n-Nitroso-di-n-propylamine
Concen: 16.30 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 70 Resp: 92459

Ion	Ratio	Lower	Upper
70	100		
42	39.5	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#

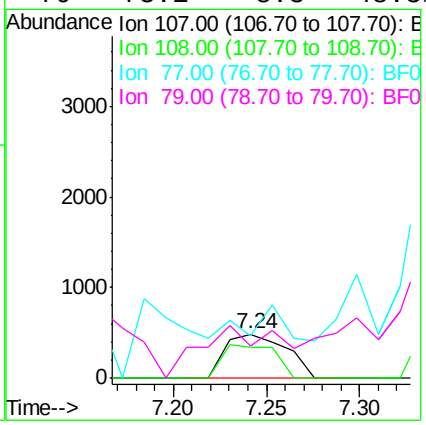


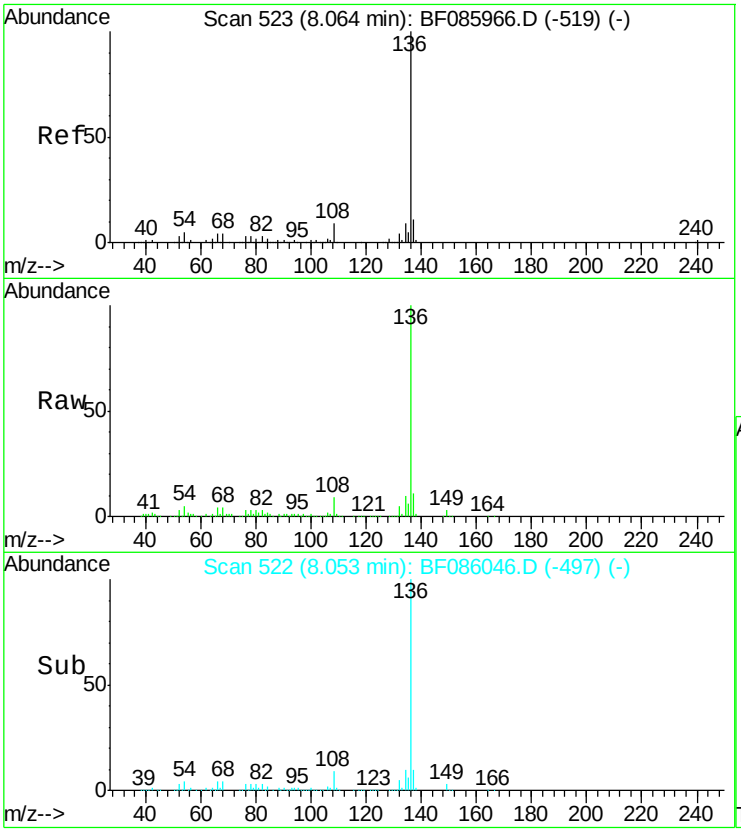


#20
3+4-Methylphenols
Concen: 0.13 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.05 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:107 Resp: 1104

Ion	Ratio	Lower	Upper
107	100		
108	71.0	69.3	109.3
77	96.1	101.7	141.7#
79	73.1	8.3	48.3#



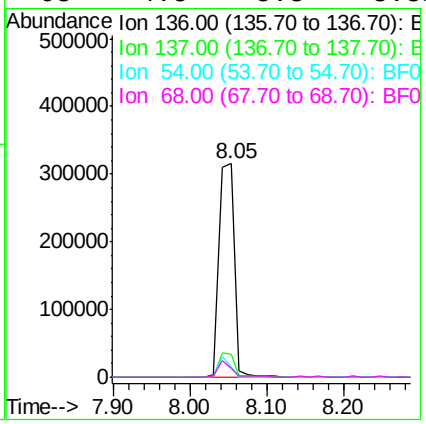


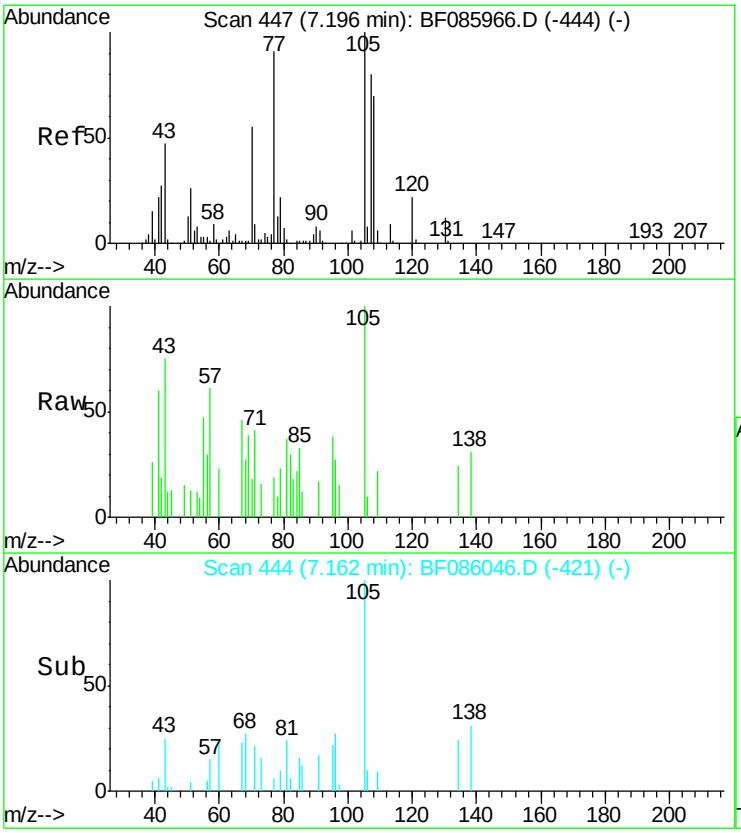
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:136 Resp: 447589

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.6	7.4	11.0#
68	4.5	5.8	8.8#

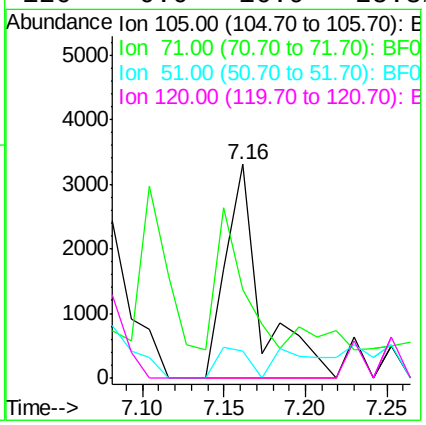


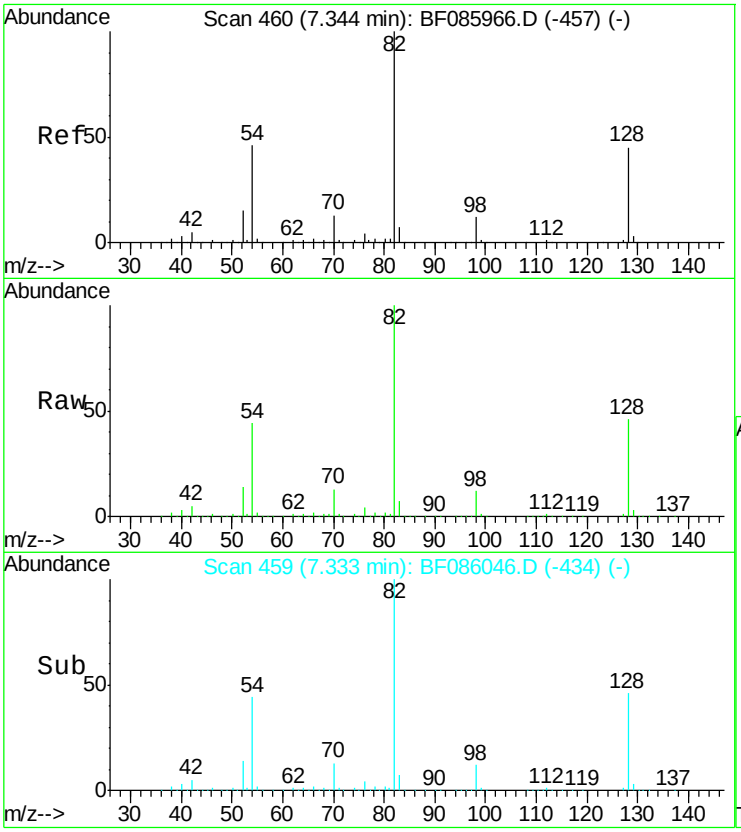


#22
Acetophenone
Concen: 0.47 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:105 Resp: 4950

Ion	Ratio	Lower	Upper
105	100		
71	41.4	3.6	5.4#
51	12.7	25.4	38.0#
120	0.0	16.9	25.3#



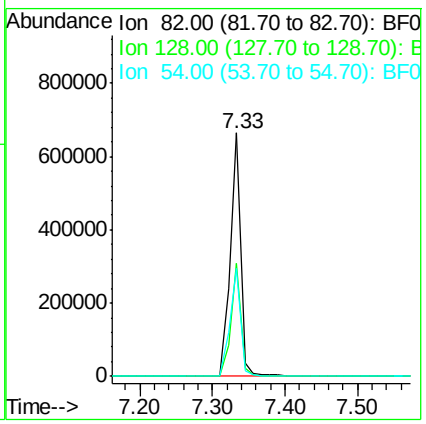


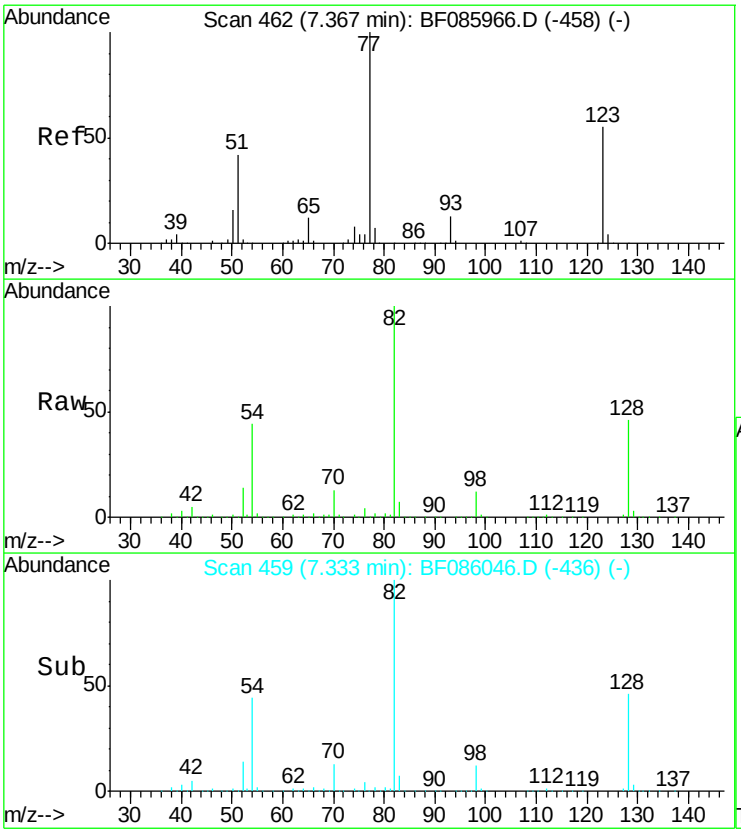
#23
Nitrobenzene-d5
Concen: 87.79 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 82 Resp: 666278

Ion	Ratio	Lower	Upper
82	100		
128	46.2	41.8	62.8
54	44.3	33.4	50.0

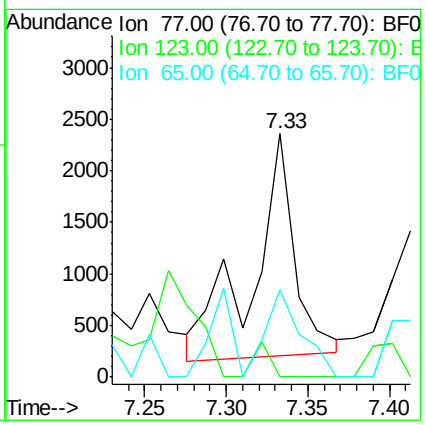


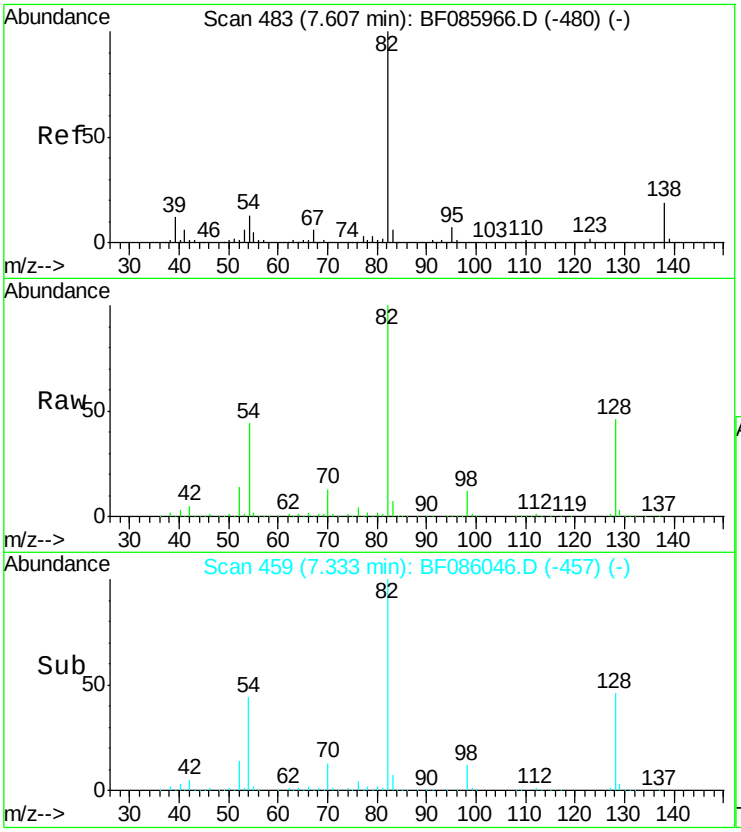


#24
Nitrobenzene
Concen: 0.47 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion: 77 Resp: 3894

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	35.7	10.6	16.0#



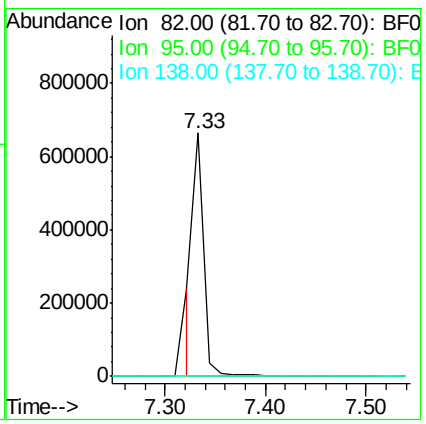


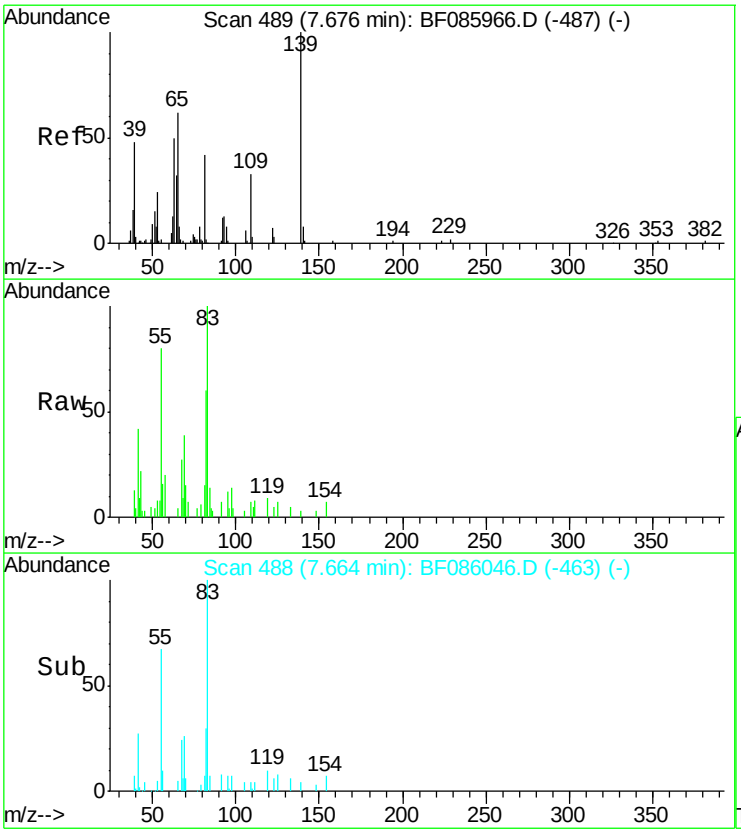
#25
Isophorone
Concen: 33.08 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.27 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 82 Resp: 495656

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	12.9	19.3#

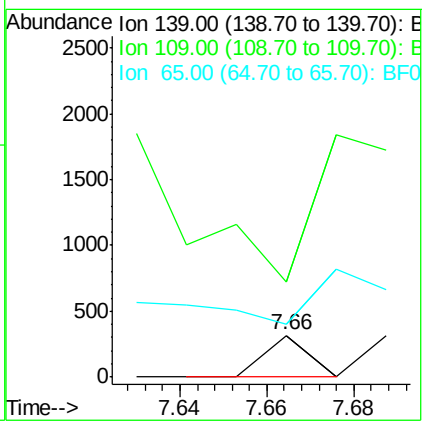


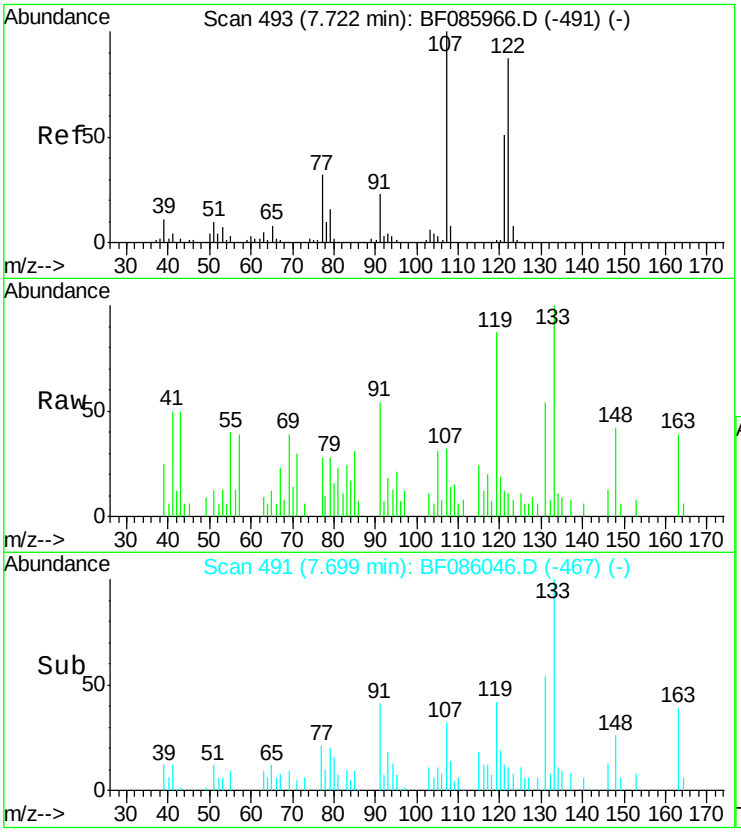


#26
2-Nitrophenol
Concen: 0.05 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:139 Resp: 217

Ion	Ratio	Lower	Upper
139	100		
109	228.2	22.1	33.1#
65	127.2	33.9	50.9#



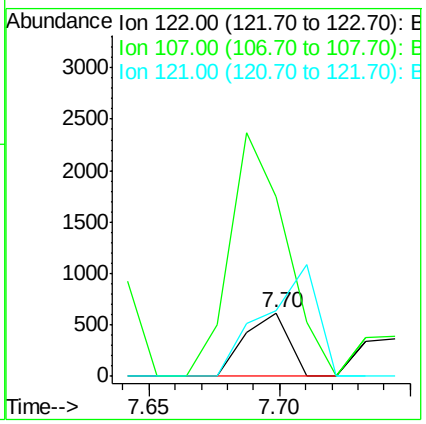


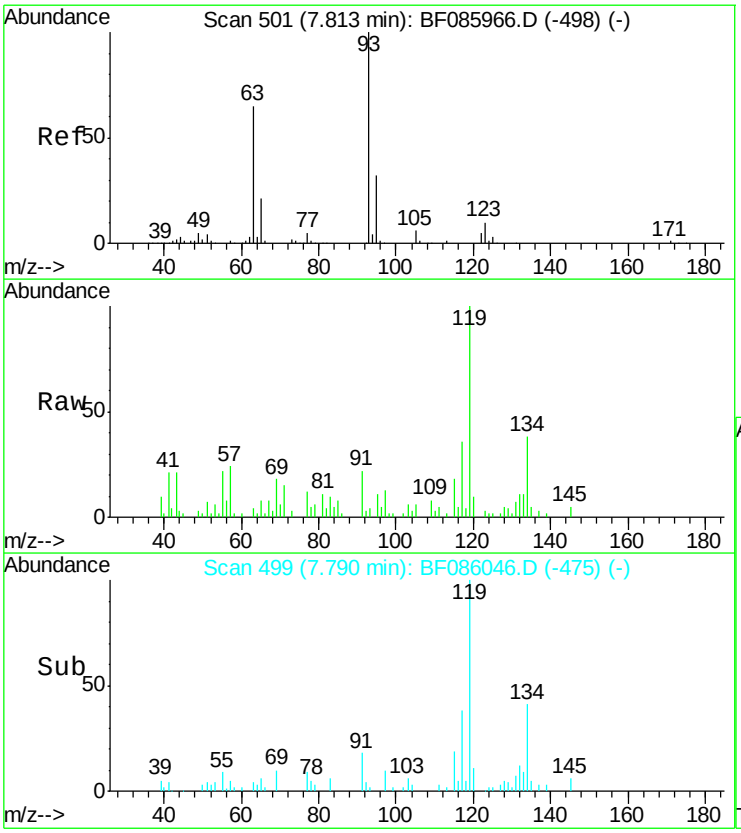
#27
2,4-Dimethylphenol
Concen: 0.10 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:122 Resp: 710

Ion	Ratio	Lower	Upper
122	100		
107	284.7	93.0	139.6#
121	103.1	45.9	68.9#

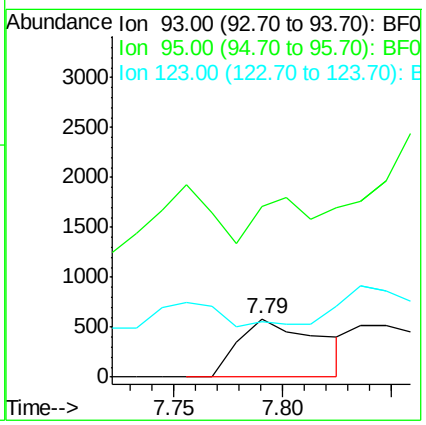


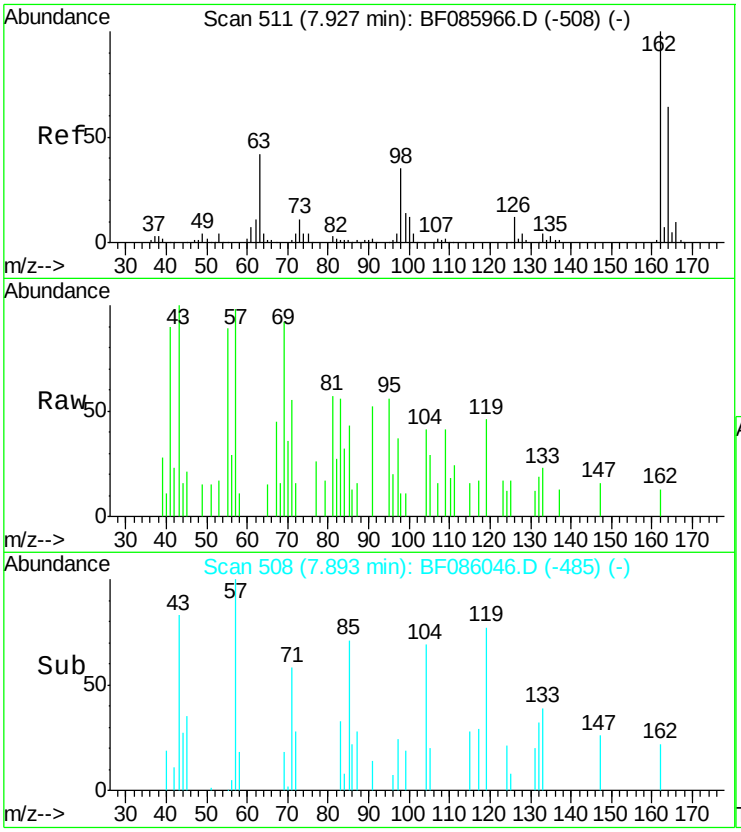


#28
bis(2-Chloroethoxy)methane
Concen: 0.17 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion: 93 Resp: 1517

Ion	Ratio	Lower	Upper
93	100		
95	291.5	26.4	39.6#
123	94.9	9.8	14.6#



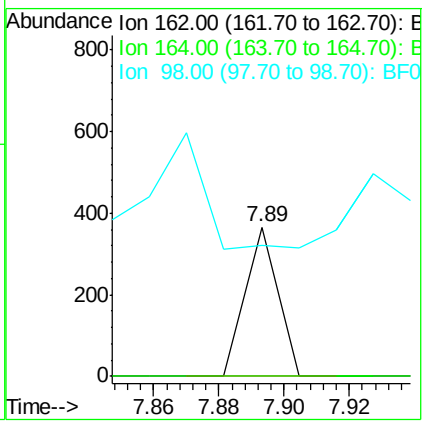


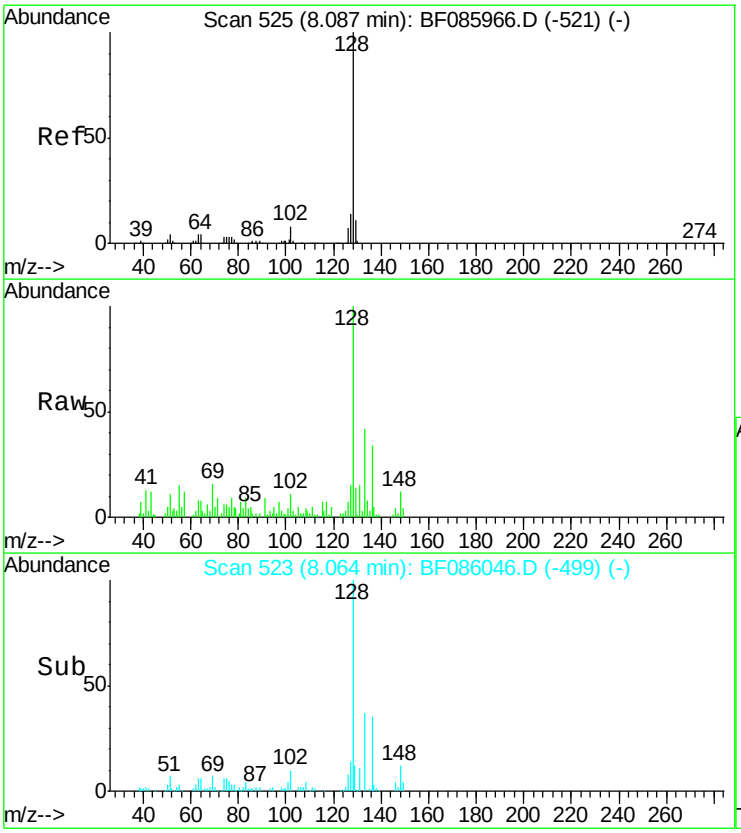
#29
2,4-Dichlorophenol
Concen: 0.04 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:162 Resp: 251

Ion	Ratio	Lower	Upper
162	100		
164	0.0	43.7	83.7#
98	87.4	20.4	60.4#

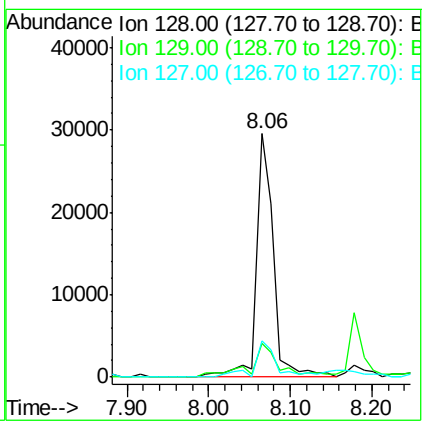


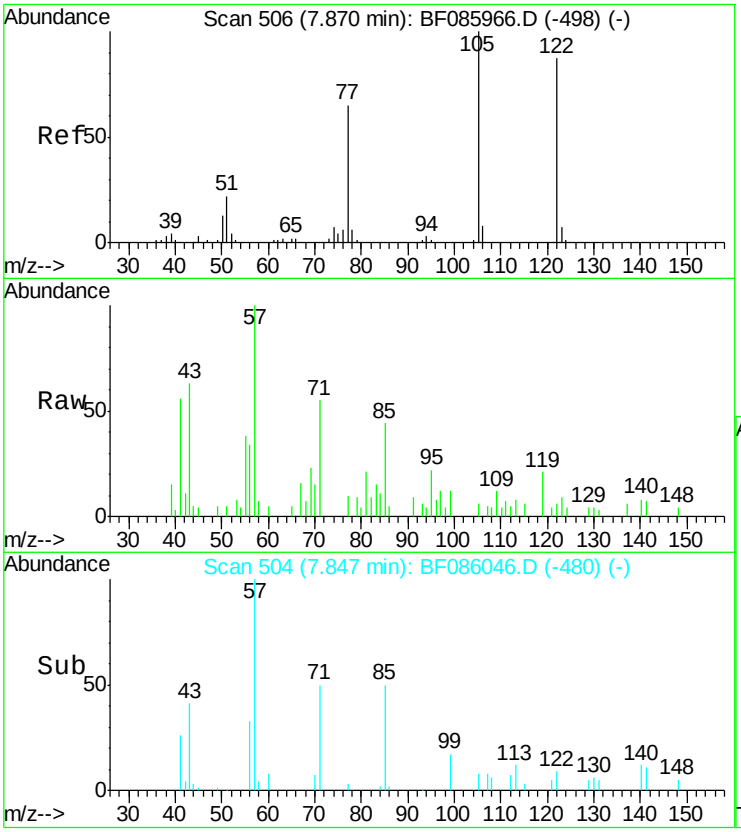


#31
Naphthalene
Concen: 1.87 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:128 Resp: 42075

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.4	14.0
127	14.8	11.0	16.6



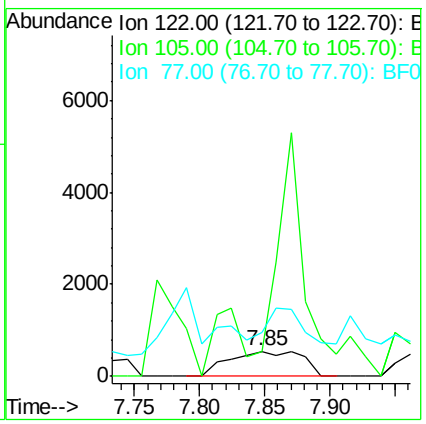


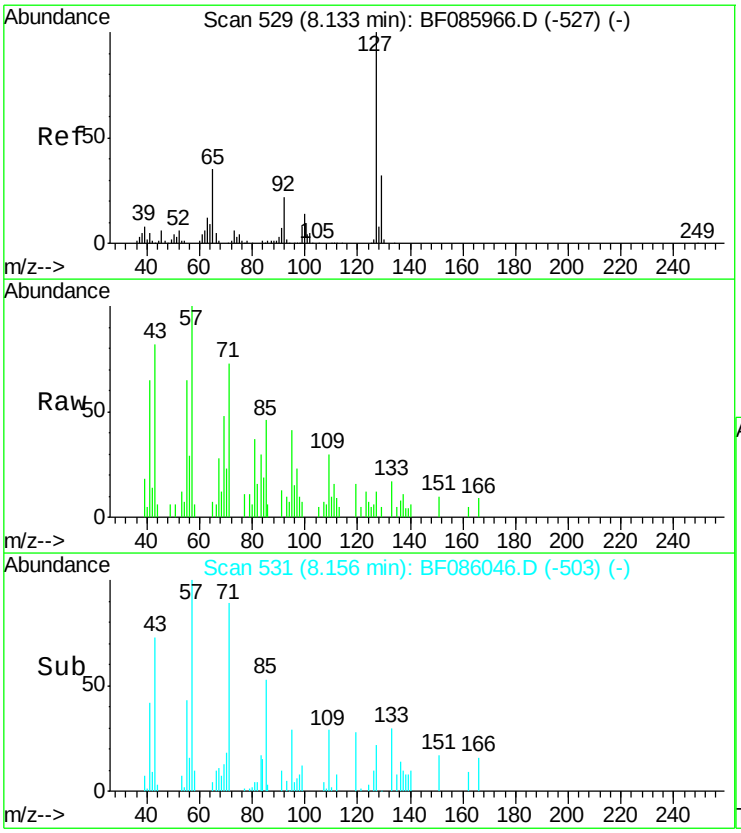
#32
Benzoic acid
Concen: 0.41 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:122 Resp: 2142

Ion	Ratio	Lower	Upper
122	100		
105	96.0	102.9	142.9#
77	171.9	71.8	111.8#

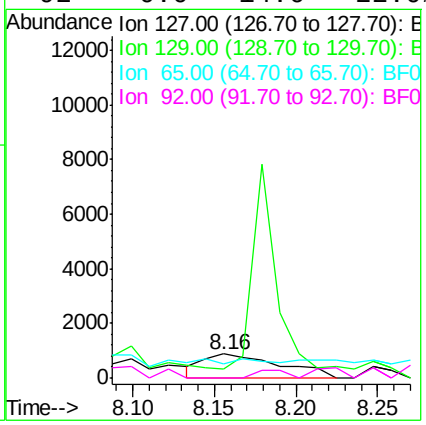


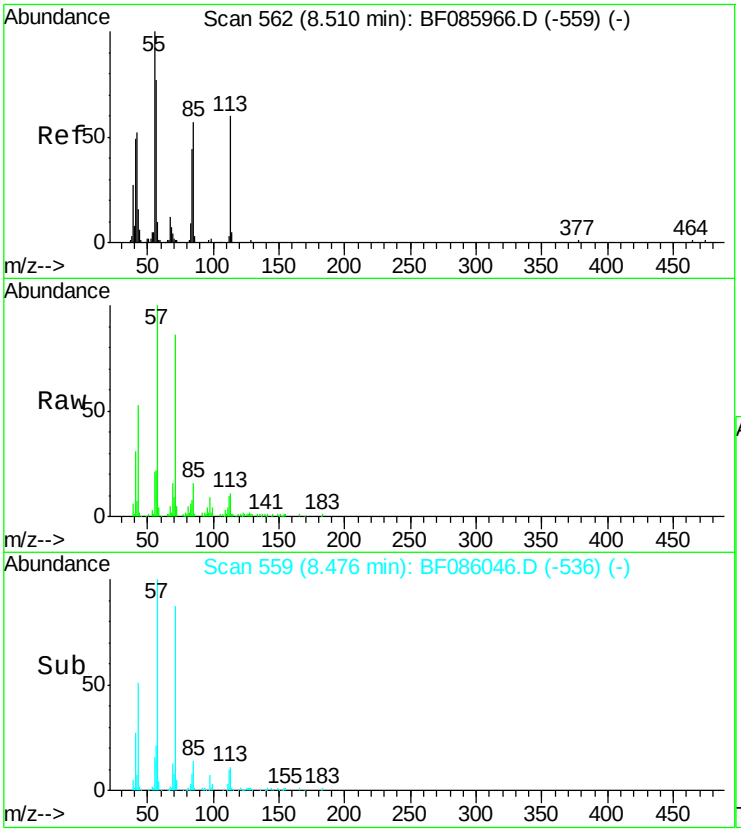


#33
4-Chloroaniline
Concen: 0.32 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:127 Resp: 2924

Ion	Ratio	Lower	Upper
127	100		
129	40.0	26.1	39.1#
65	57.7	19.5	29.3#
92	0.0	14.6	22.0#



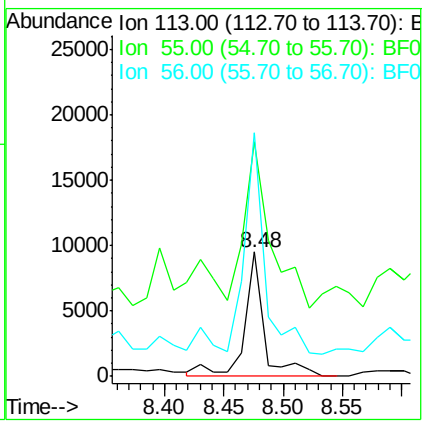


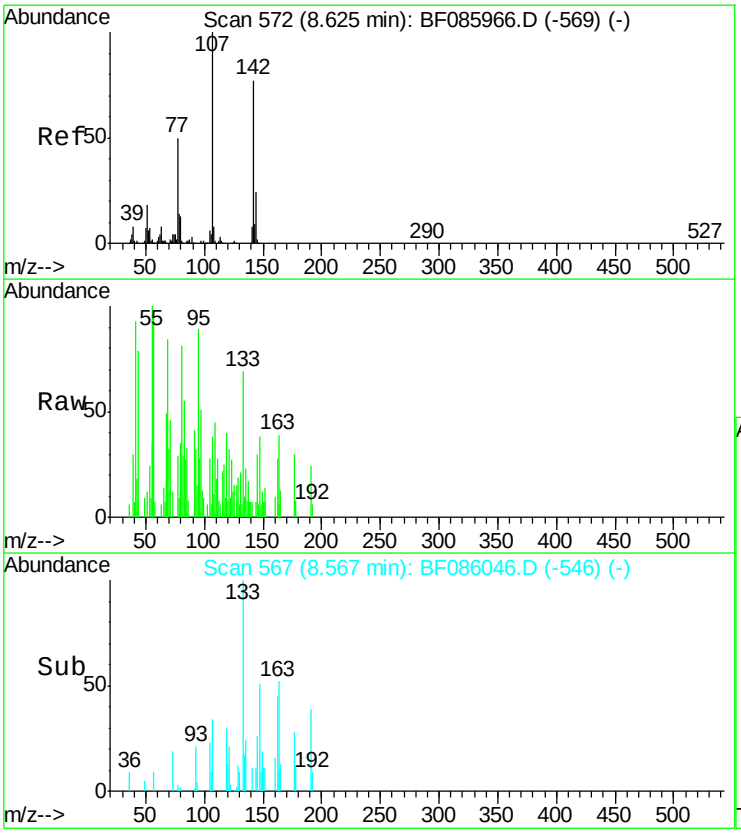
#35
Caprolactam
Concen: 5.67 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:113 Resp: 10850

Ion	Ratio	Lower	Upper
113	100		
55	188.6	139.4	179.4#
56	196.1	100.4	140.4#

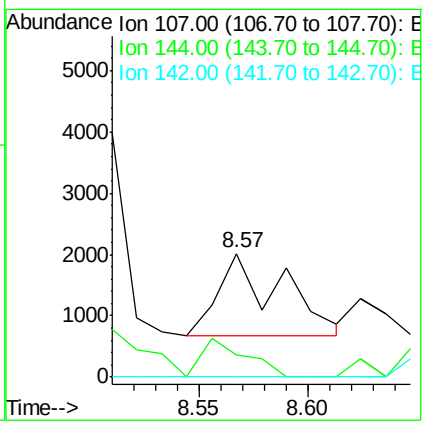


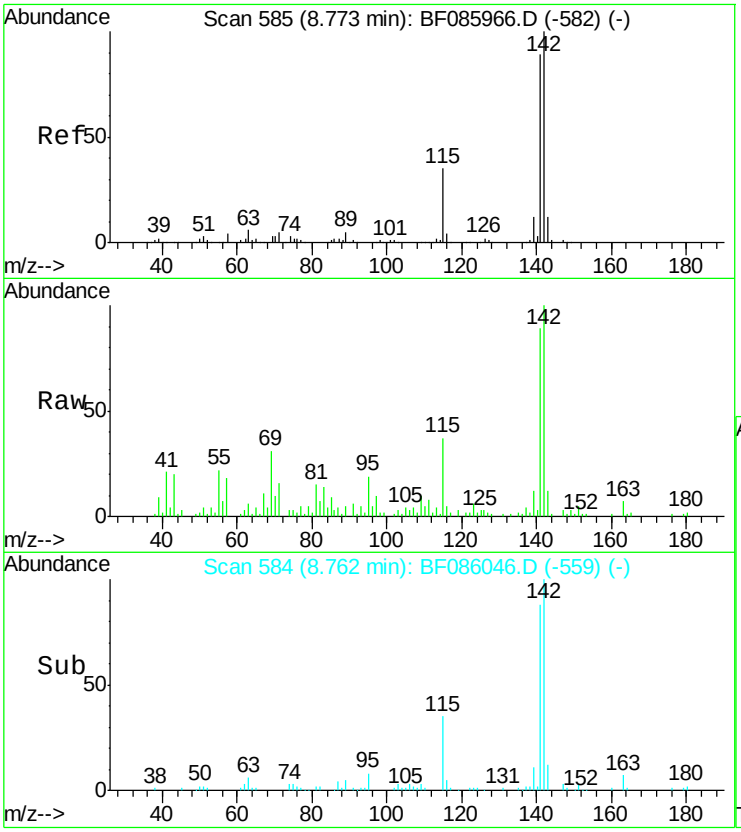


#36
4-Chloro-3-methylphenol
Concen: 0.40 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.06 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:107 Resp: 2684

Ion	Ratio	Lower	Upper
107	100		
144	17.6	19.3	28.9#
142	0.0	61.4	92.0#



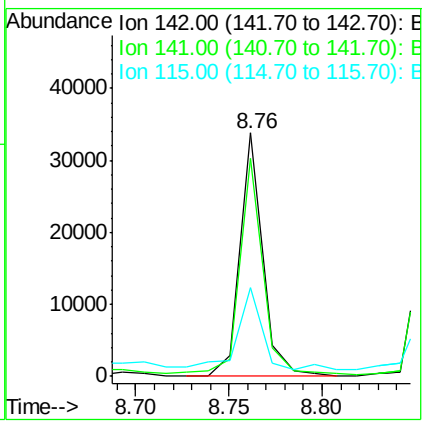


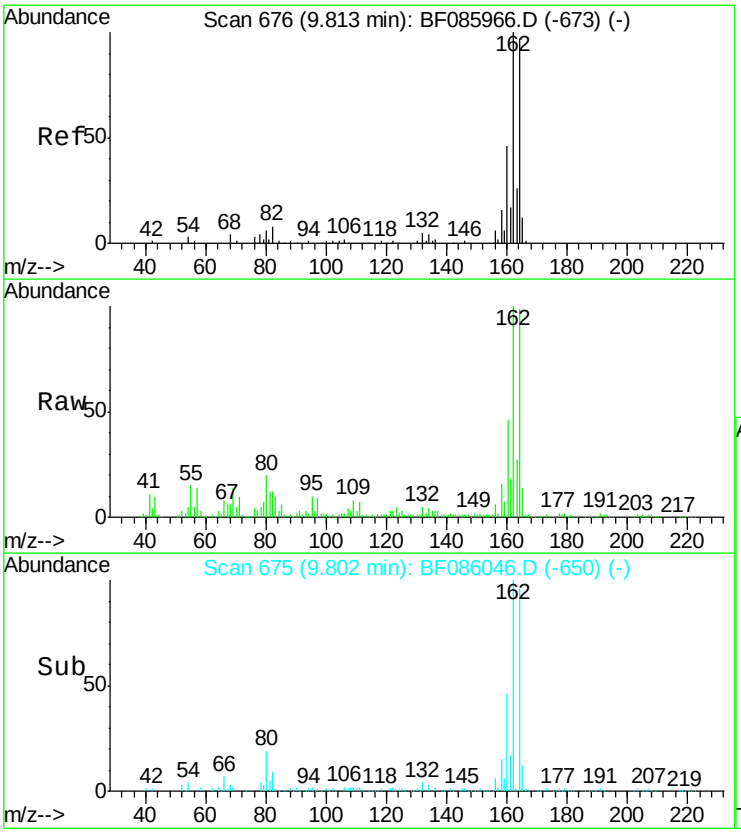
#37
2-Methylnaphthalene
Concen: 1.96 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:142 Resp: 28894

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	36.6	26.8	40.2

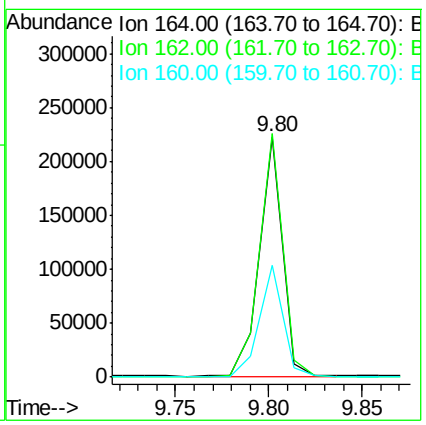


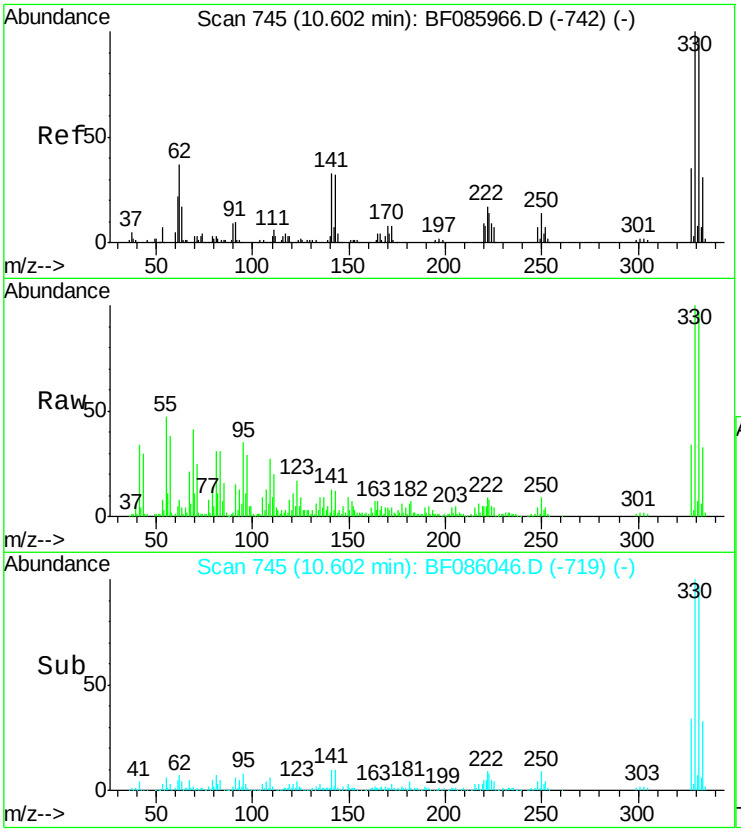


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:164 Resp: 189064

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.1	123.1
160	46.3	37.4	56.2



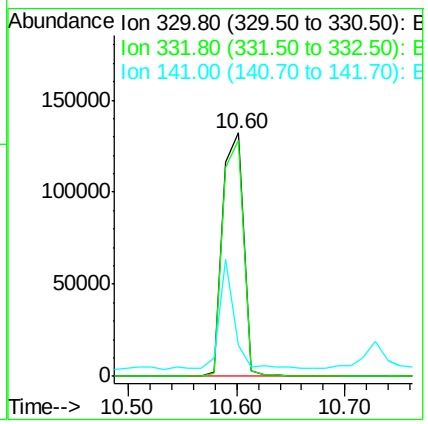


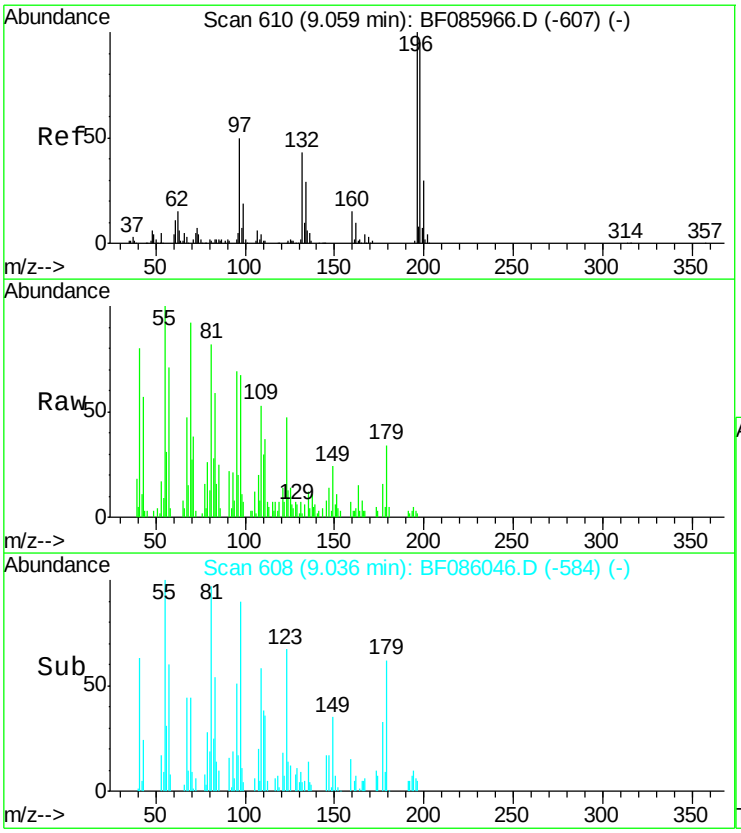
#41
2,4,6-Tribromophenol
Concen: 99.31 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:330 Resp: 176237

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.2
141	35.2	31.5	47.3

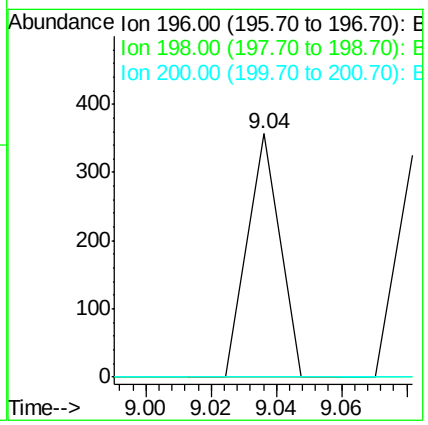


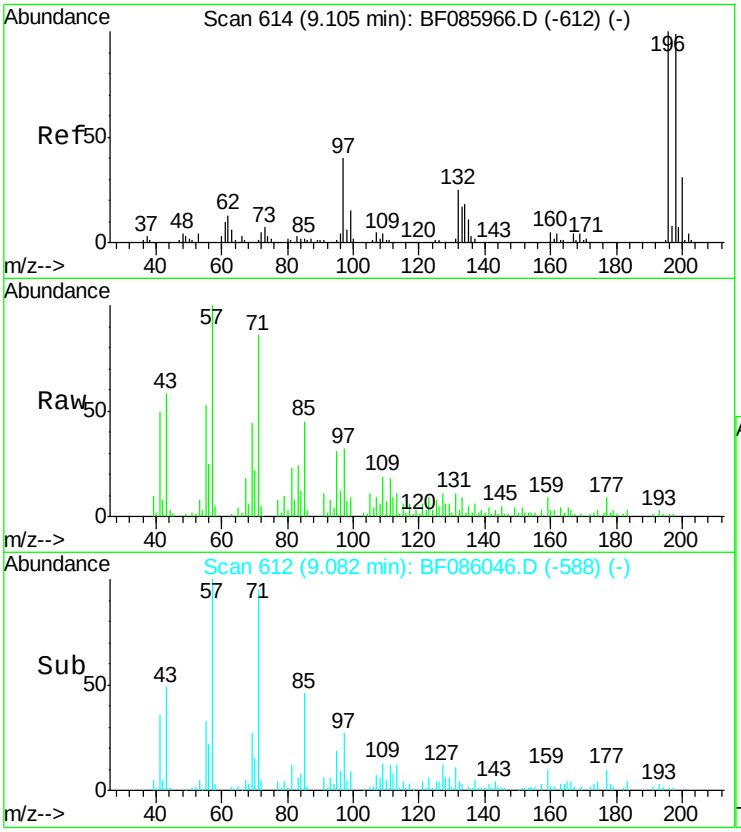


#42
2,4,6-Trichlorophenol
Concen: 0.07 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:196 Resp: 245

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.3	112.9#
200	0.0	23.7	35.5#



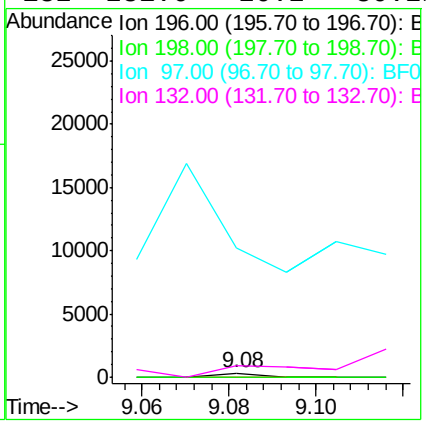


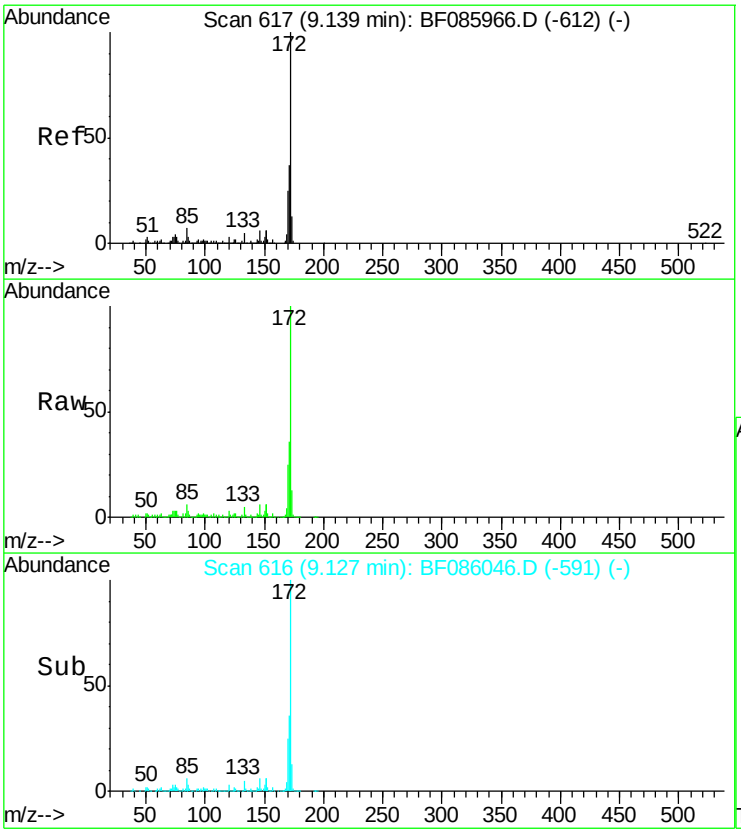
#43
2,4,5-Trichlorophenol
Concen: 0.06 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:196 Resp: 224

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.6	114.8#
97	3141.7	30.5	45.7#
132	281.6	20.2	30.2#

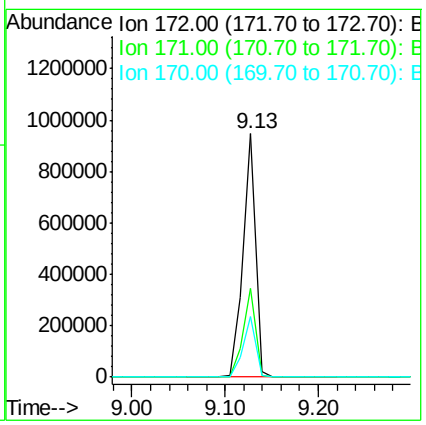


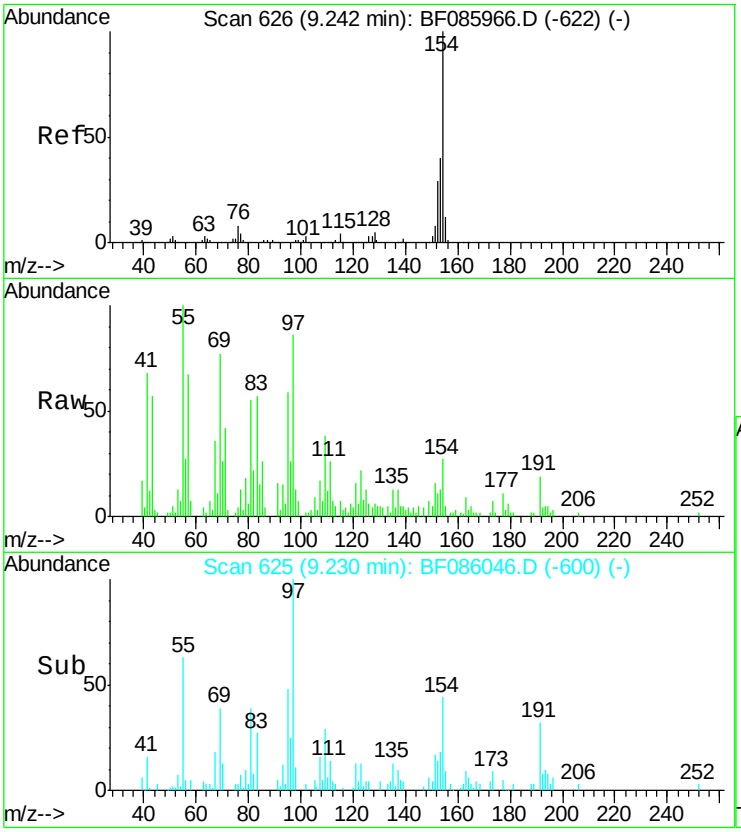


#44
2-Fluorobiphenyl
Concen: 77.85 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:172 Resp: 885275

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.6	19.8	29.6



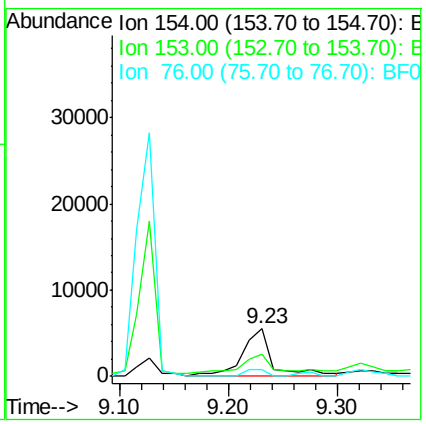


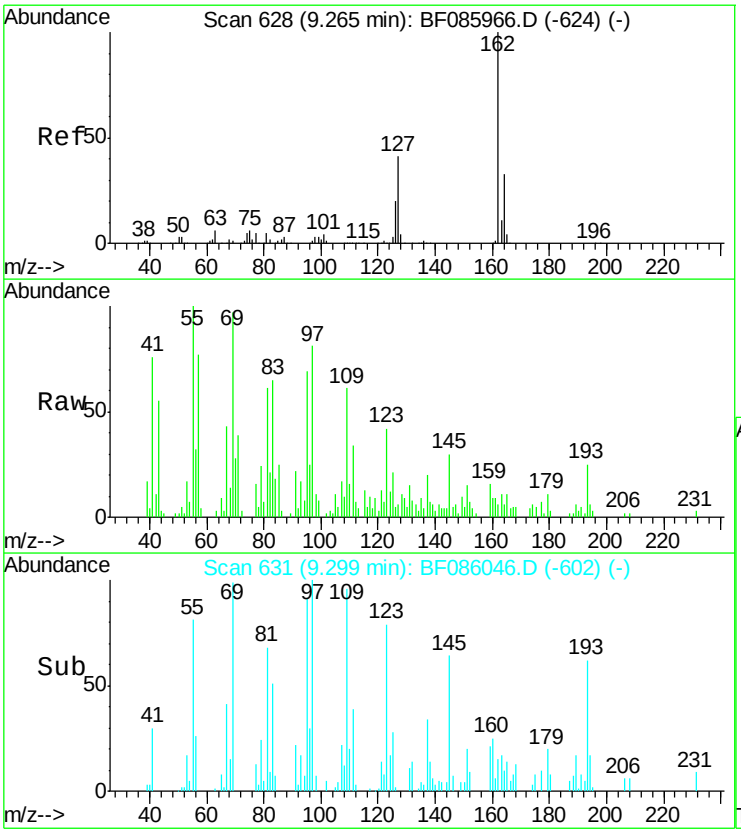
#45
1,1'-Biphenyl
Concen: 0.66 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:154 Resp: 10682

Ion	Ratio	Lower	Upper
154	100		
153	47.7	20.8	60.8
76	13.2	0.0	36.7

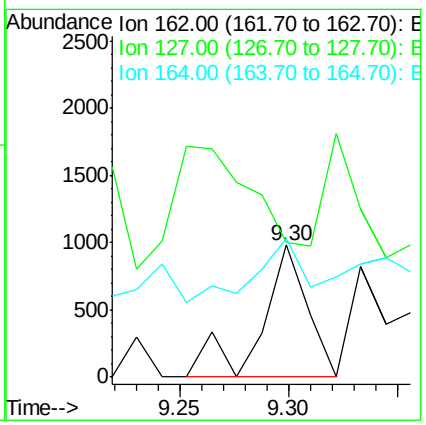


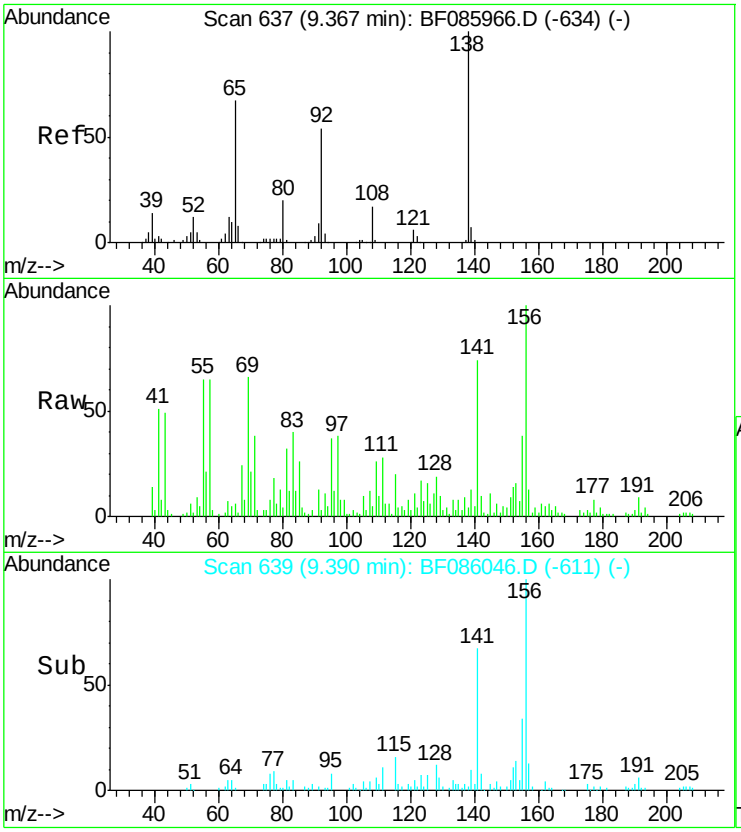


#46
2-Chloronaphthalene
Concen: 0.12 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:162 Resp: 1447

Ion	Ratio	Lower	Upper
162	100		
127	102.1	31.7	47.5#
164	105.1	27.3	40.9#



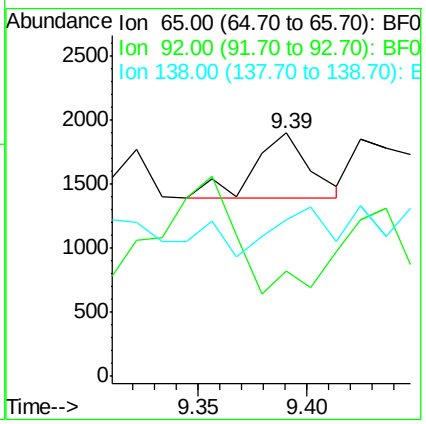


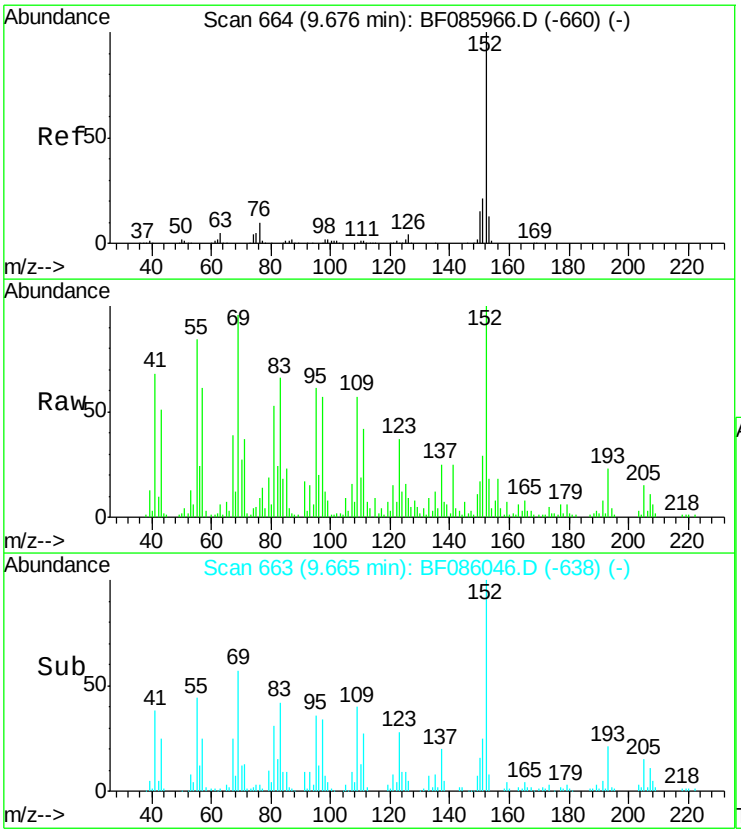
#47
2-Nitroaniline
Concen: 0.26 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion: 65 Resp: 905

Ion	Ratio	Lower	Upper
65	100		
92	43.5	59.7	89.5#
138	64.4	91.4	137.0#

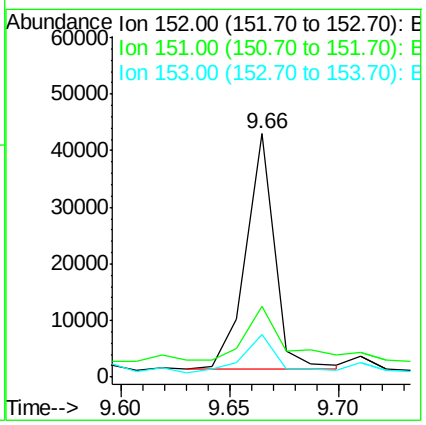


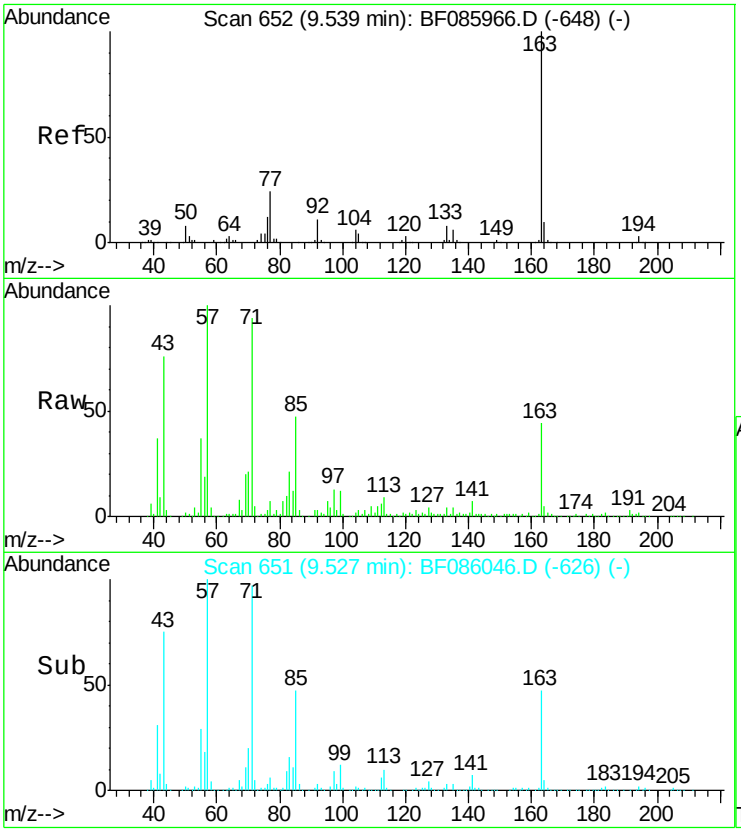


#48
Acenaphthylene
Concen: 2.02 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:152 Resp: 38273

Ion	Ratio	Lower	Upper
152	100		
151	29.1	16.8	25.2#
153	17.7	10.9	16.3#



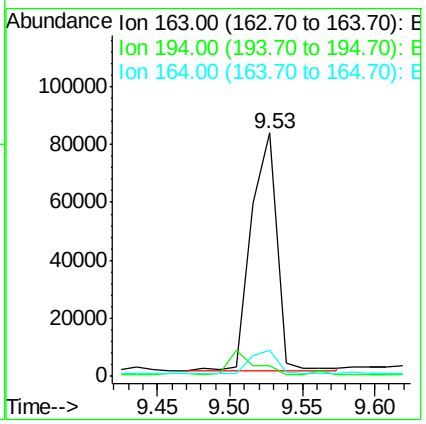


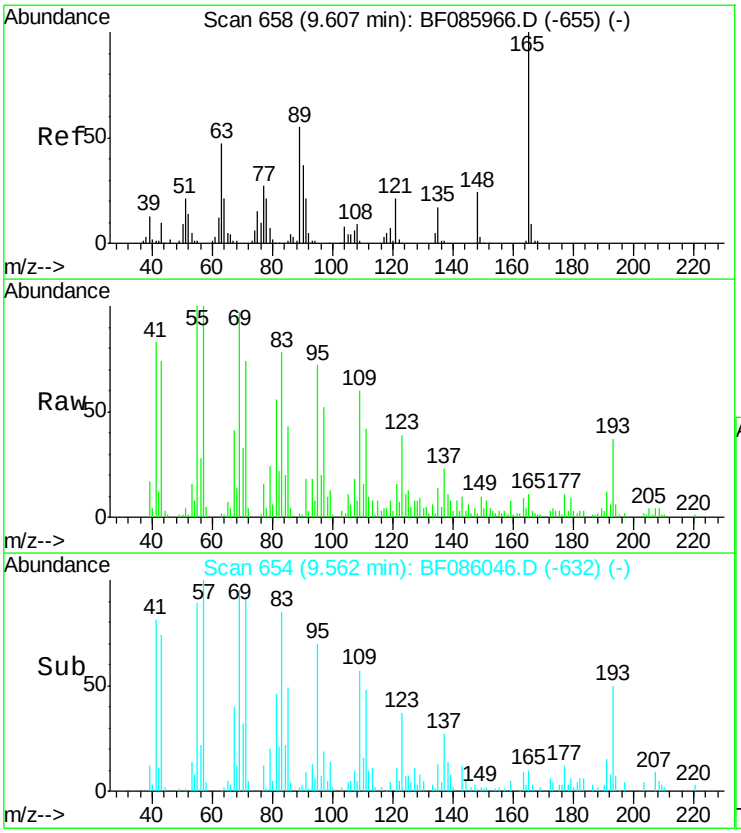
#49
Dimethylphthalate
Concen: 7.22 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:163 Resp: 101139

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.9	4.3#
164	10.4	8.3	12.5

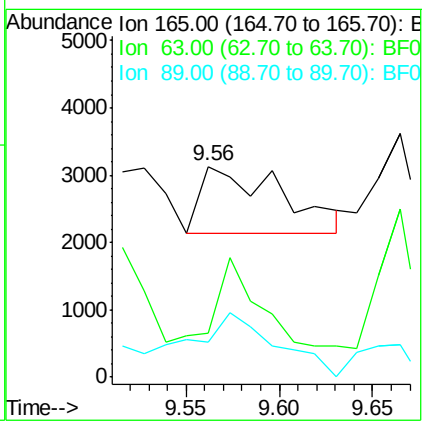


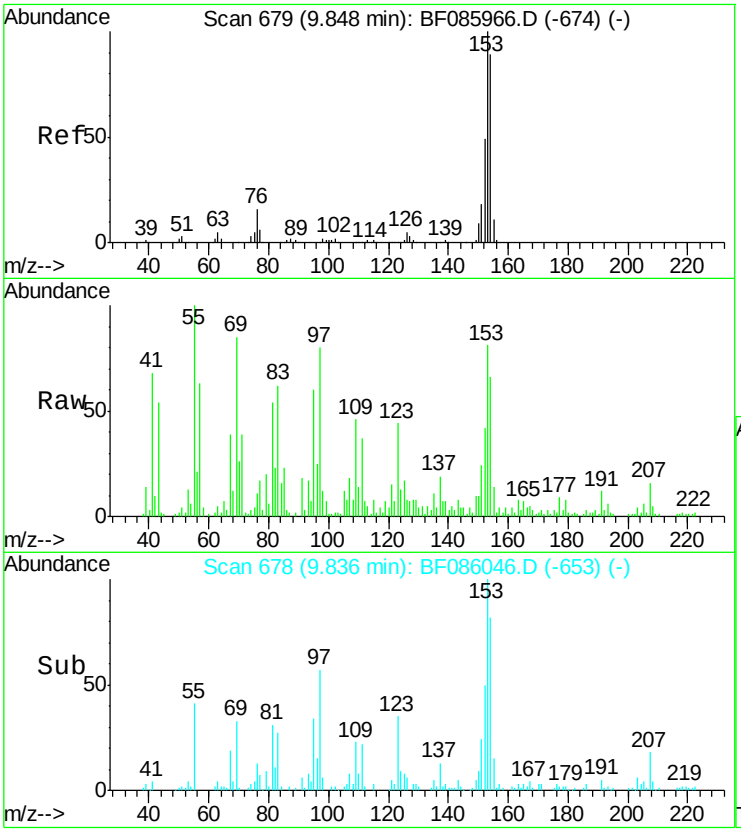


#50
2,6-Dinitrotoluene
Concen: 1.02 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:165 Resp: 3014

Ion	Ratio	Lower	Upper
165	100		
63	20.6	51.8	77.8#
89	16.9	53.7	80.5#



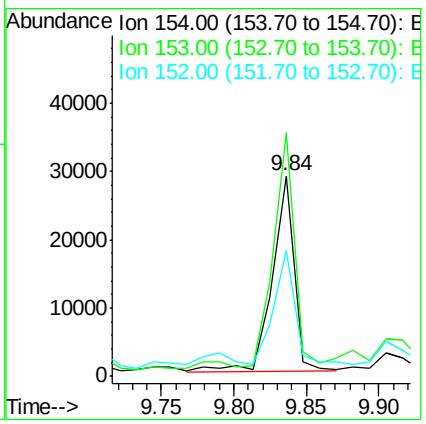


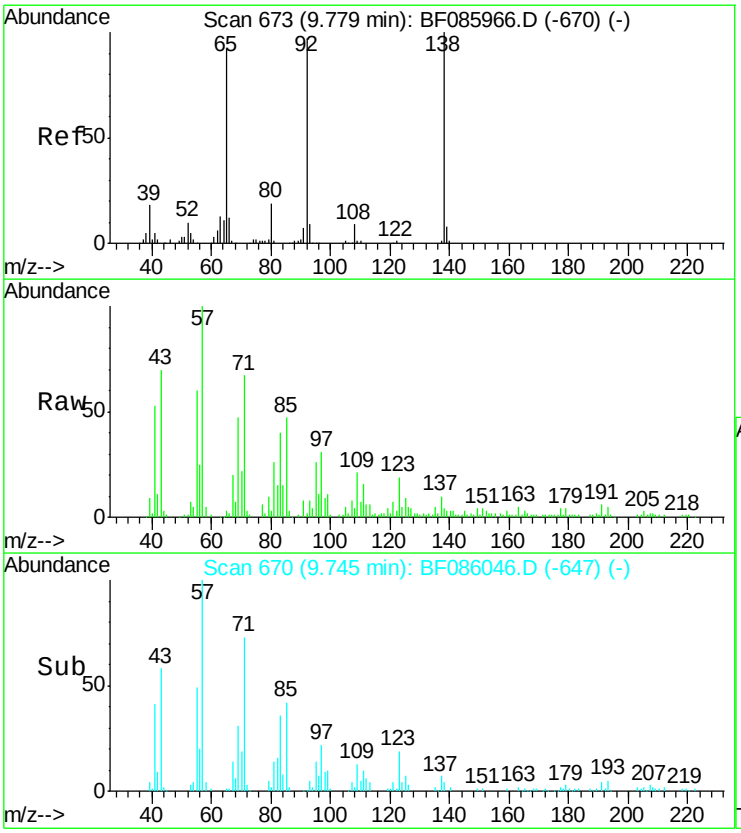
#51
Acenaphthene
Concen: 2.64 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:154 Resp: 29774

Ion	Ratio	Lower	Upper
154	100		
153	121.4	90.1	135.1
152	62.7	44.2	66.2

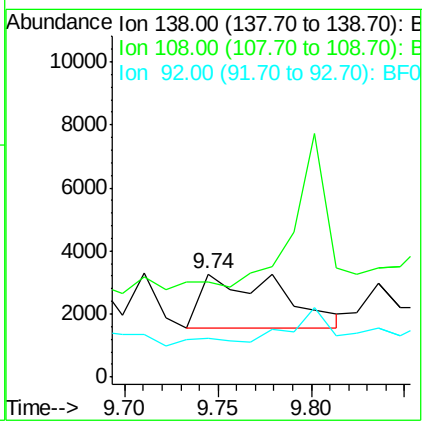


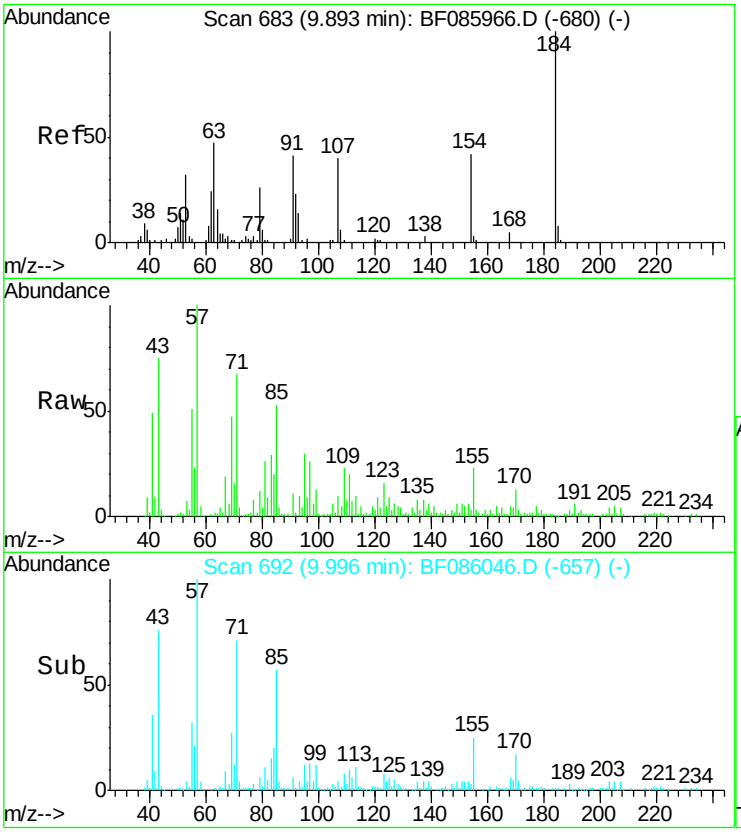


#52
3-Nitroaniline
Concen: 1.44 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:138 Resp: 5161

Ion	Ratio	Lower	Upper
138	100		
108	91.8	8.7	13.1#
92	38.2	93.3	139.9#



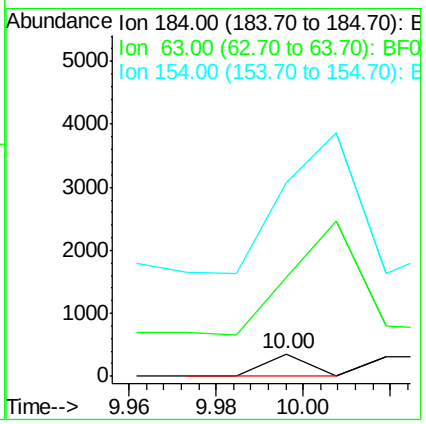


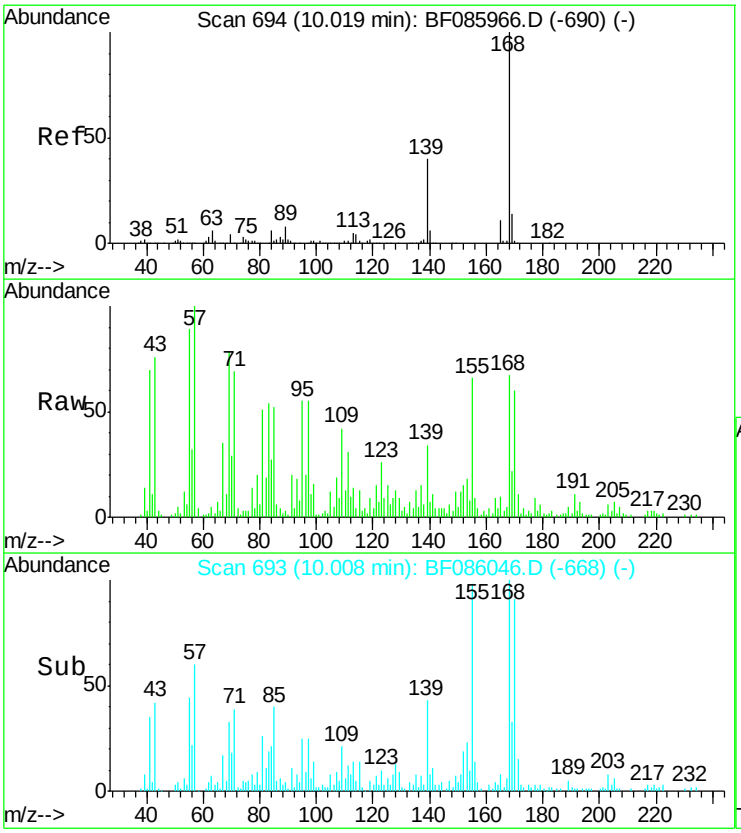
#53
2,4-Dinitrophenol
Concen: 2.15 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.10 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:184 Resp: 246

Ion	Ratio	Lower	Upper
184	100		
63	439.8	69.5	104.3#
154	854.6	58.3	87.5#

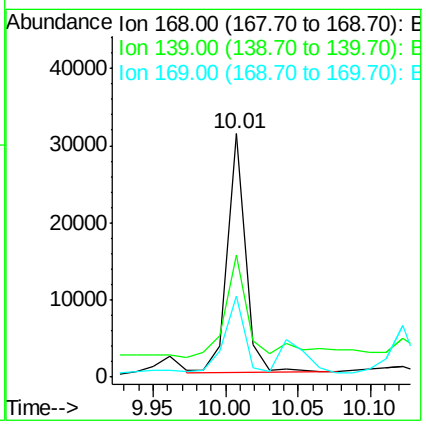


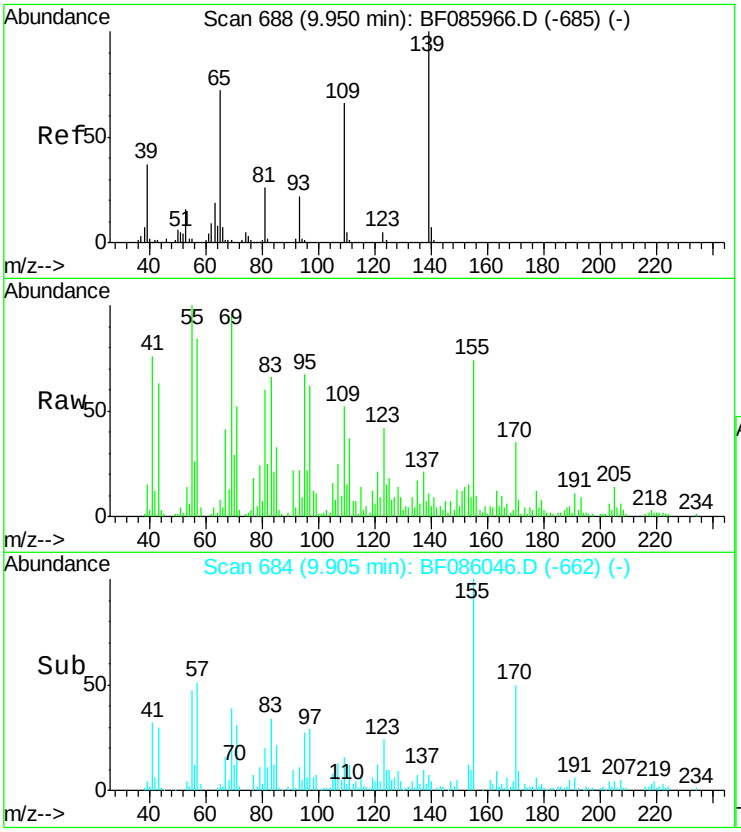


#54
Dibenzofuran
Concen: 1.81 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:168 Resp: 26856

Ion	Ratio	Lower	Upper
168	100		
139	50.1	31.9	47.9#
169	33.2	11.0	16.6#



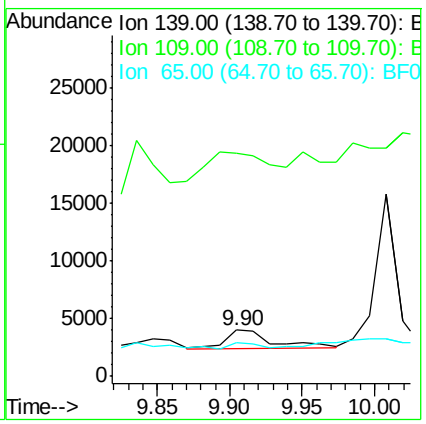


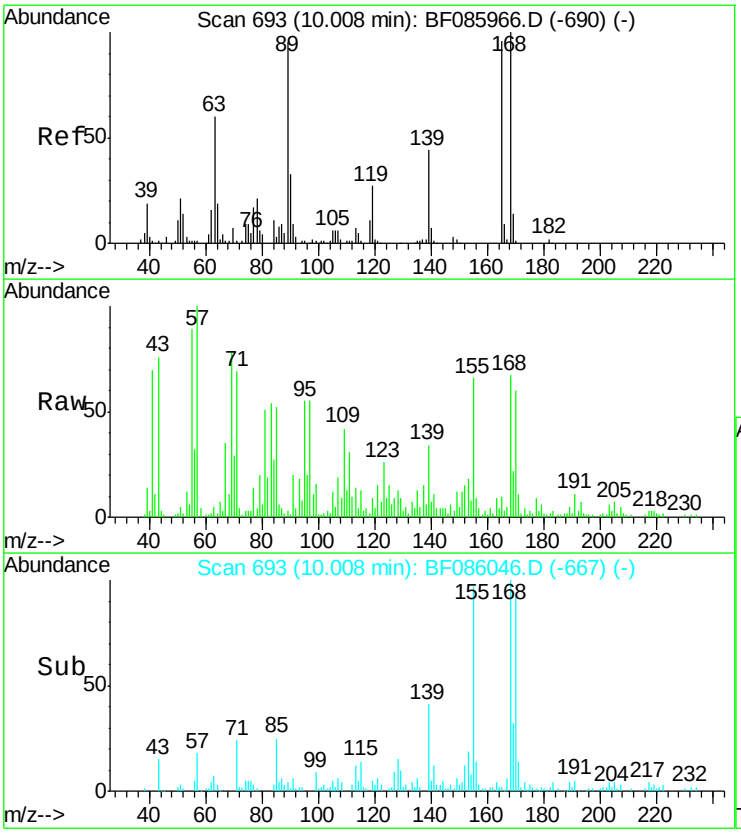
#55
4-Nitrophenol
Concen: 1.70 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:139 Resp: 3571

Ion	Ratio	Lower	Upper
139	100		
109	483.9	49.2	89.2#
65	72.6	66.9	106.9

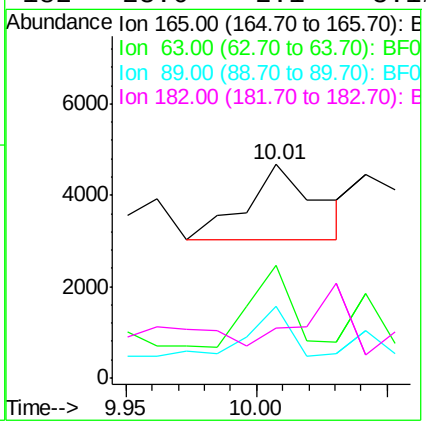


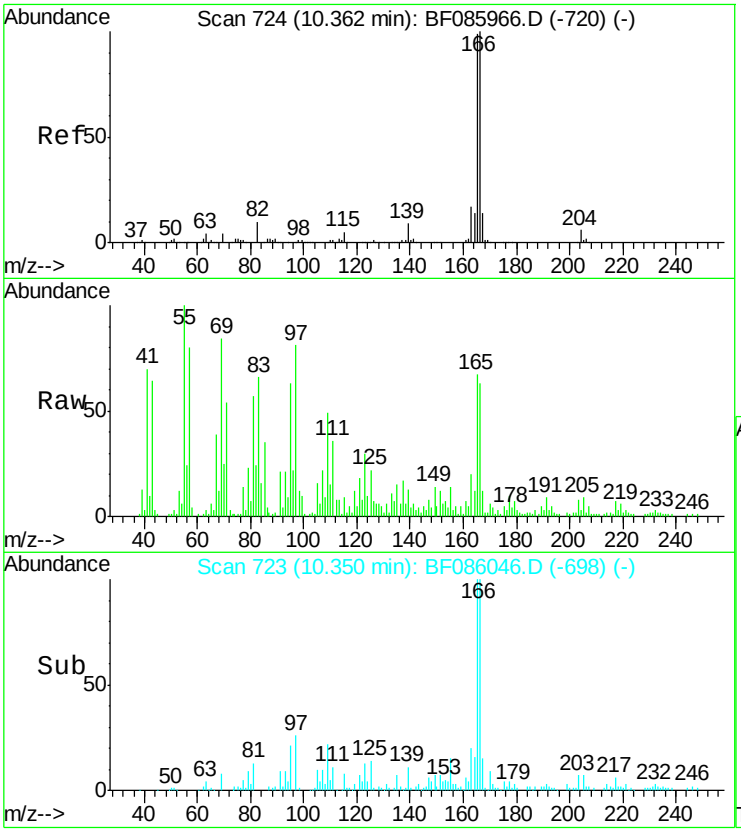


#56
2,4-Dinitrotoluene
Concen: 0.83 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:165 Resp: 3117

Ion	Ratio	Lower	Upper
165	100		
63	52.8	24.9	37.3#
89	33.9	41.0	61.6#
182	23.6	2.1	3.1#



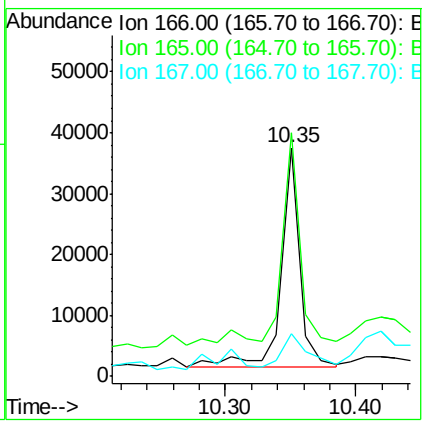


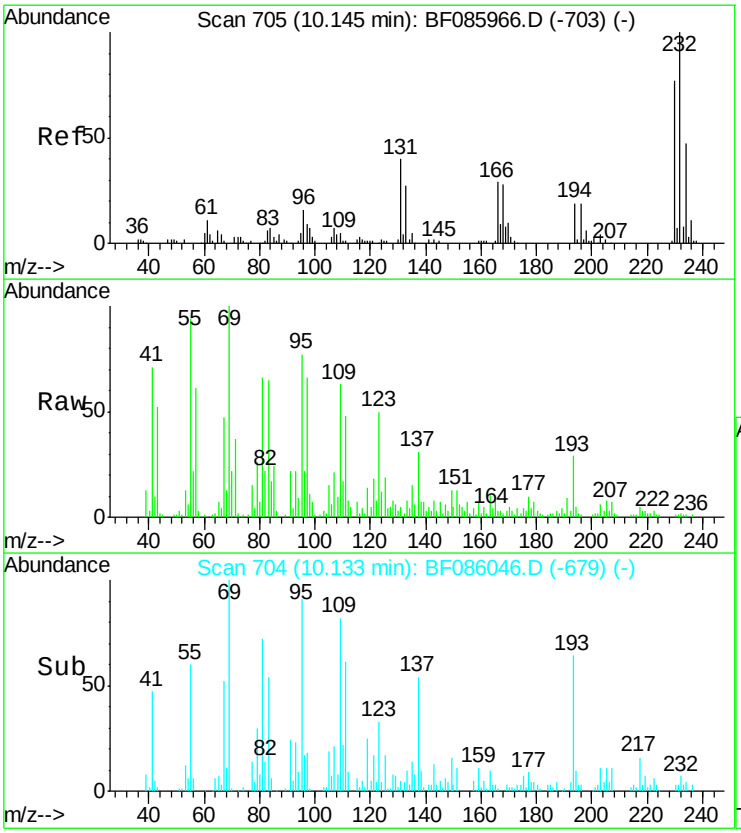
#57
Fluorene
Concen: 2.85 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:166 Resp: 36188

Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.4	119.0
167	18.5	11.0	16.4#

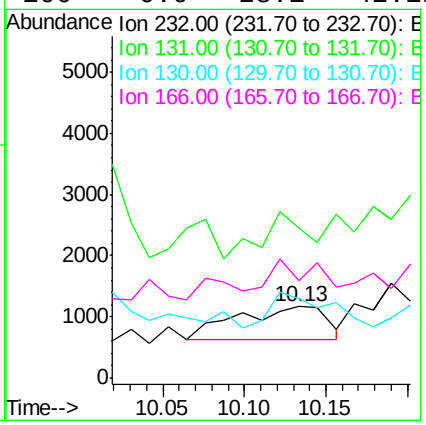


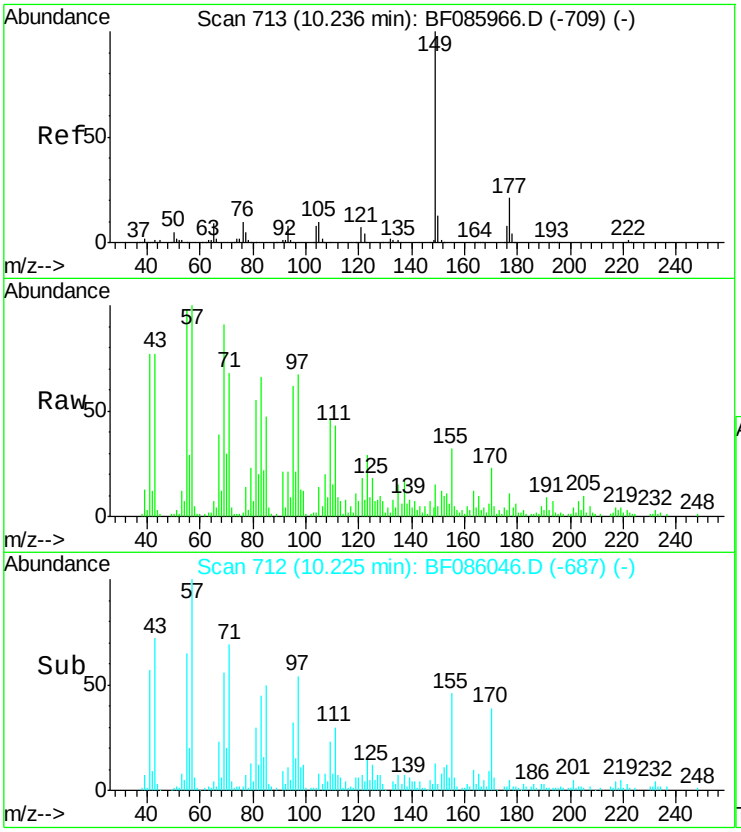


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.74 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:232 Resp: 2039

Ion	Ratio	Lower	Upper
232	100		
131	70.2	44.9	67.3#
130	72.6	2.3	3.5#
166	0.0	28.1	42.1#



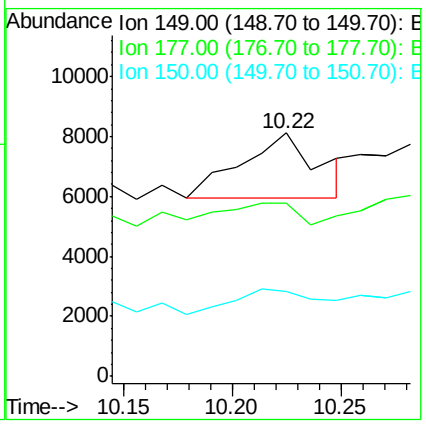


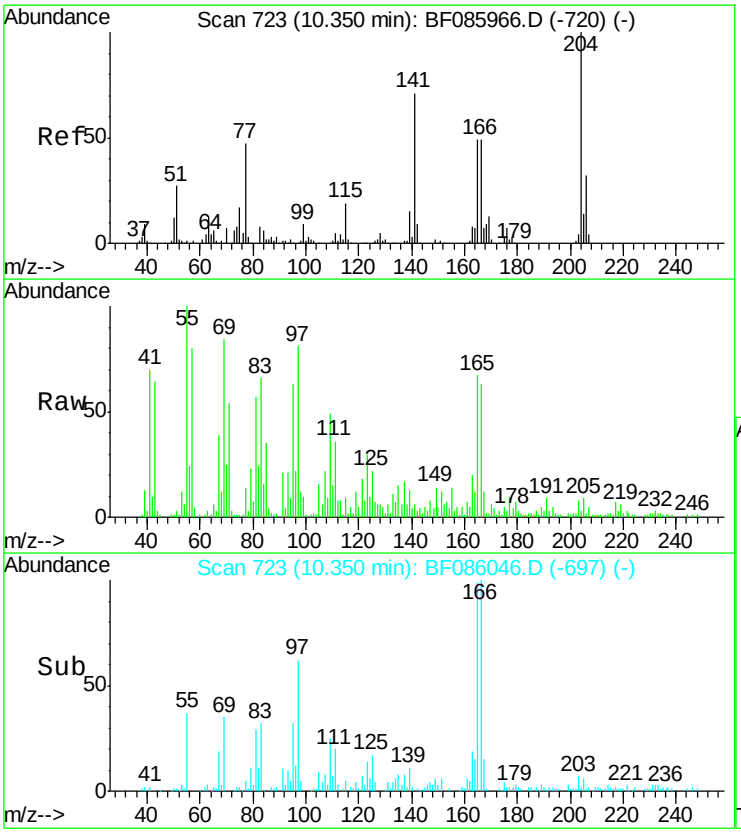
#59
Diethylphthalate
Concen: 0.38 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:149 Resp: 5397

Ion	Ratio	Lower	Upper
149	100		
177	71.3	17.9	26.9#
150	34.8	10.2	15.2#

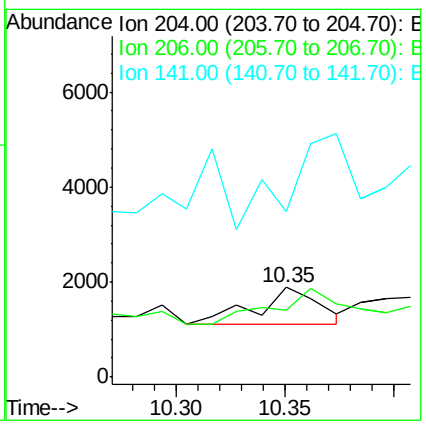


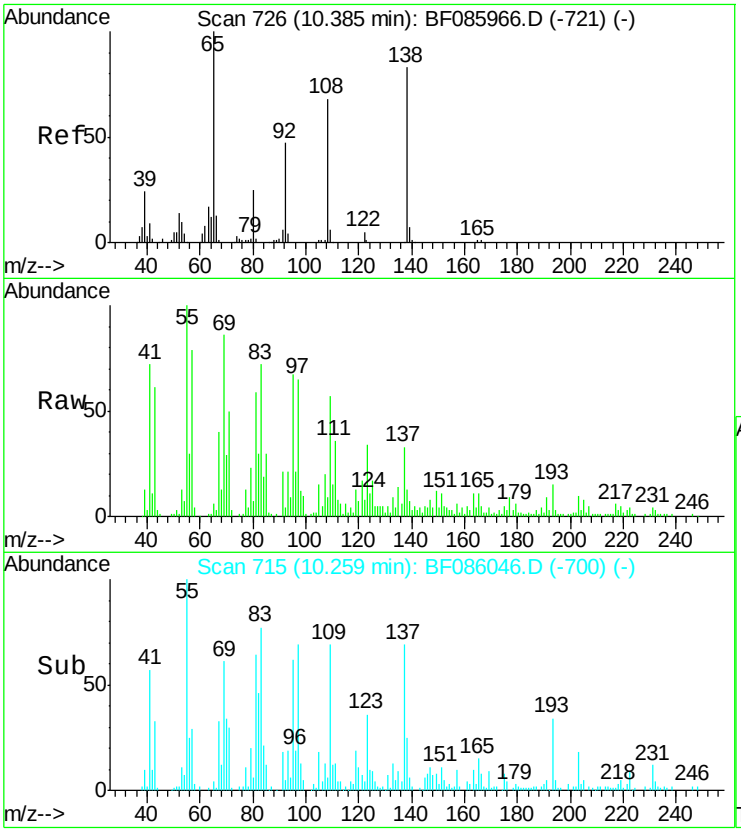


#60
4-Chlorophenyl-phenylether
Concen: 0.26 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:204 Resp: 1566

Ion	Ratio	Lower	Upper
204	100		
206	74.7	26.6	39.8#
141	185.4	57.4	86.0#



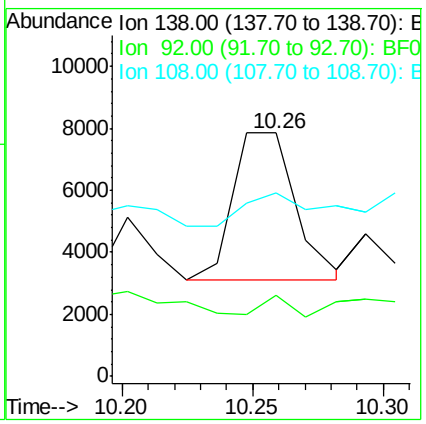


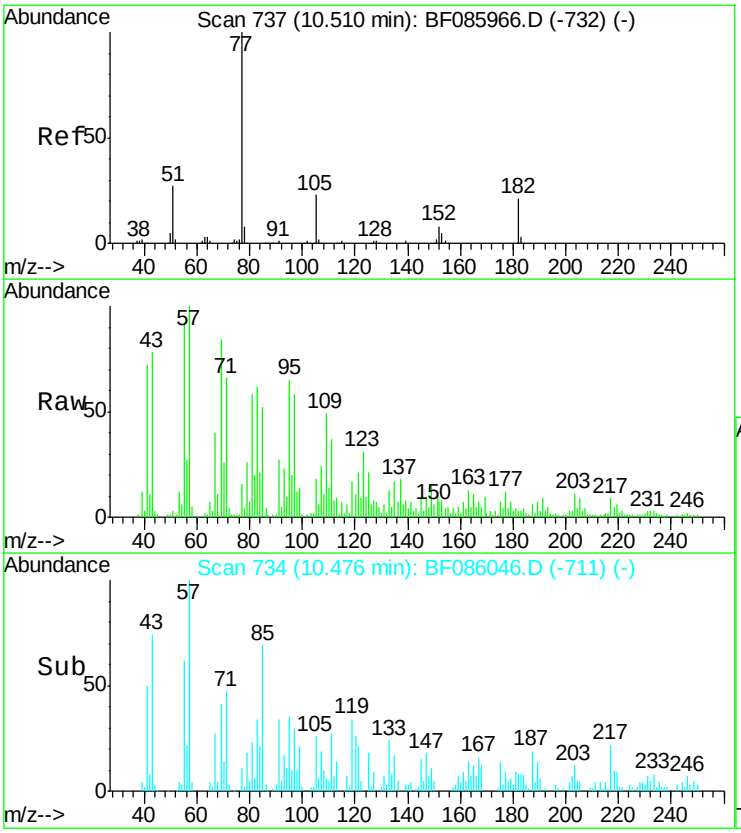
#61
4-Nitroaniline
Concen: 2.27 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.13 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:138 Resp: 7996

Ion	Ratio	Lower	Upper
138	100		
92	33.4	26.4	66.4
108	75.2	49.0	89.0

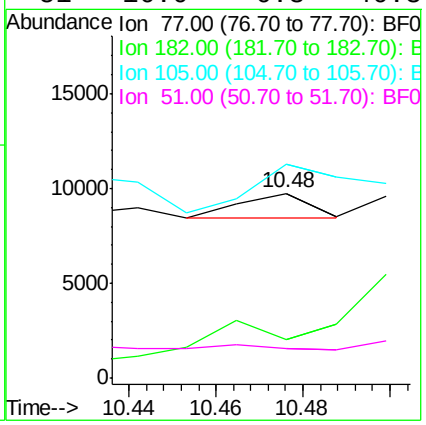


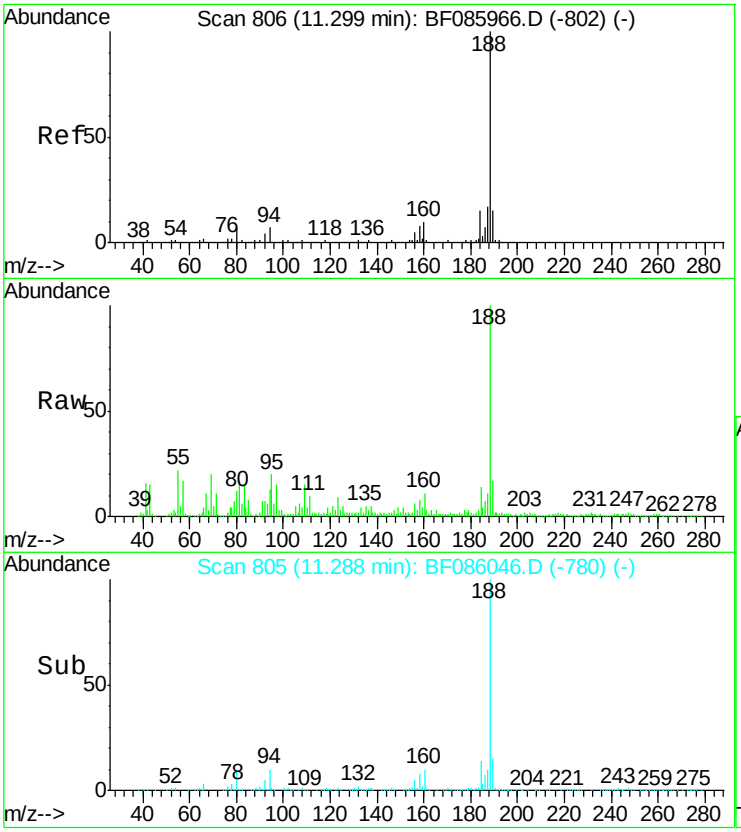


#62
Azobenzene
Concen: 0.11 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion: 77 Resp: 1500

Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.9	41.9
105	115.7	3.5	43.5#
51	16.0	6.3	46.3



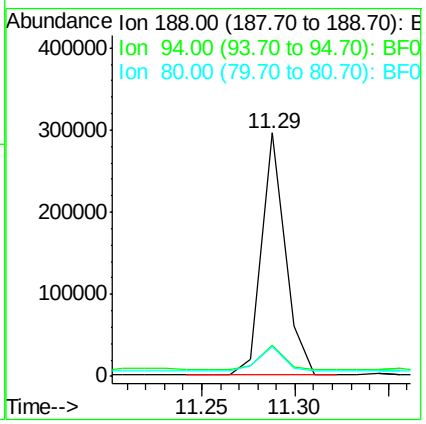


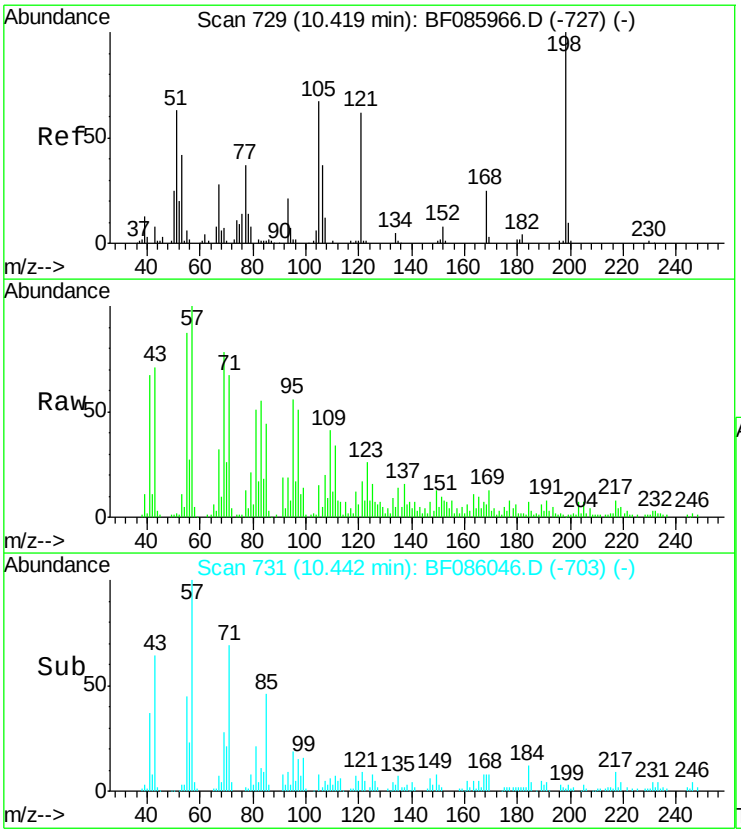
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:188 Resp: 258575

Ion	Ratio	Lower	Upper
188	100		
94	12.6	5.4	8.0#
80	12.4	5.5	8.3#

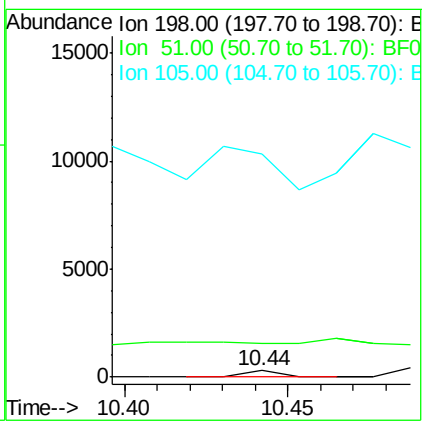


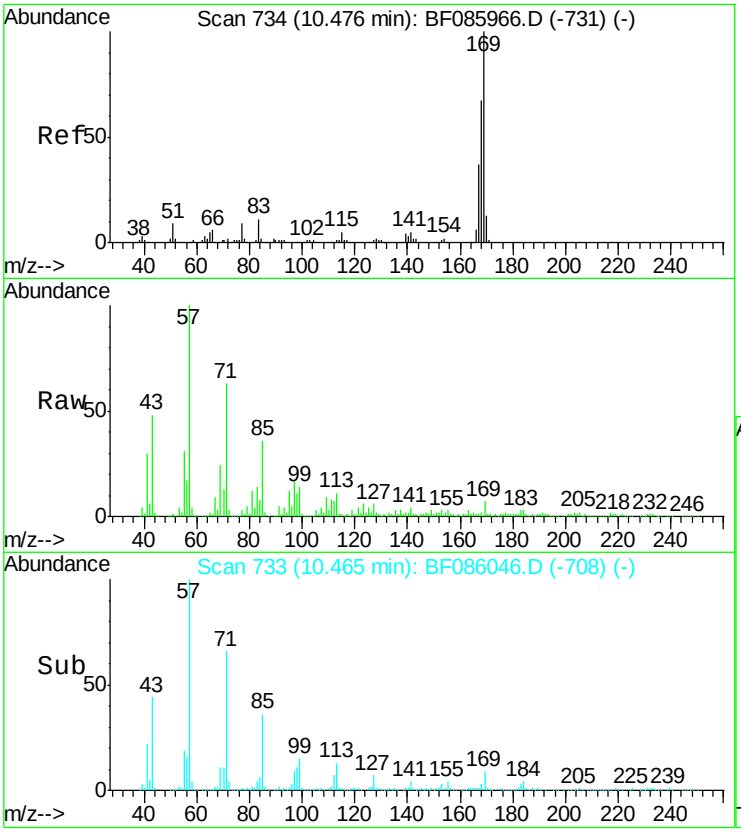


#64
4,6-Dinitro-2-methylphenol
Concen: 0.13 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:198 Resp: 208

Ion	Ratio	Lower	Upper
198	100		
51	522.1	45.4	85.4#
105	3400.7	45.9	85.9#



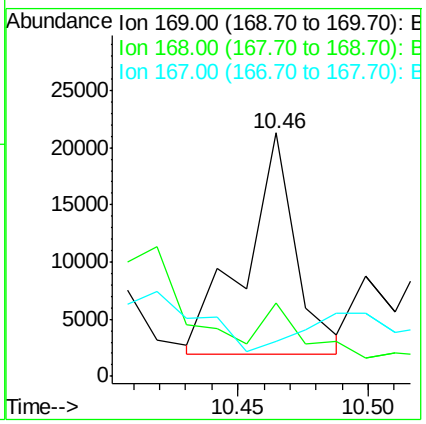


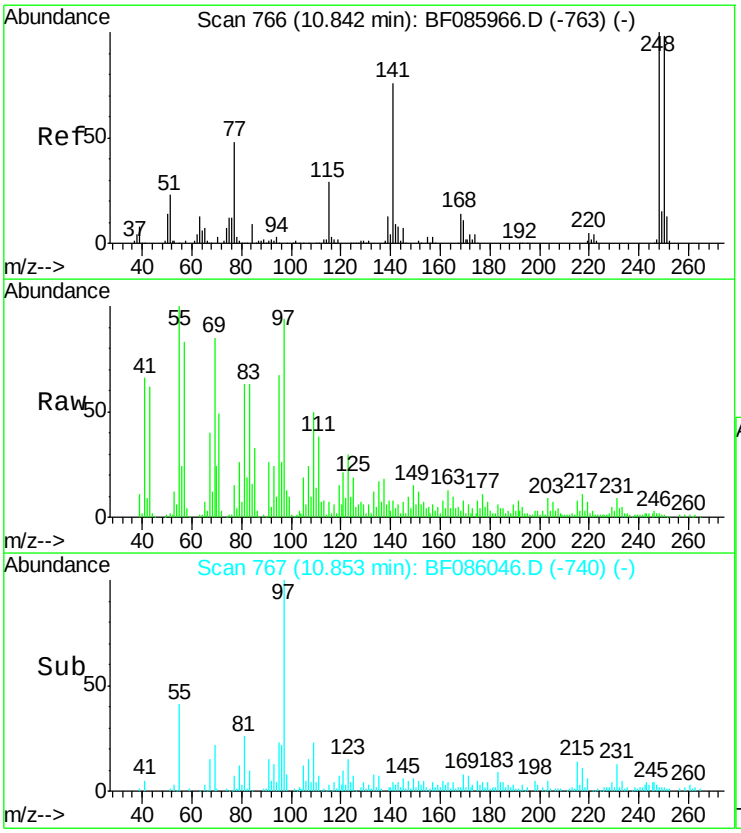
#65
n-Nitrosodiphenylamine
Concen: 3.25 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:169 Resp: 26296

Ion	Ratio	Lower	Upper
169	100		
168	30.2	54.4	81.6#
167	14.4	29.4	44.0#

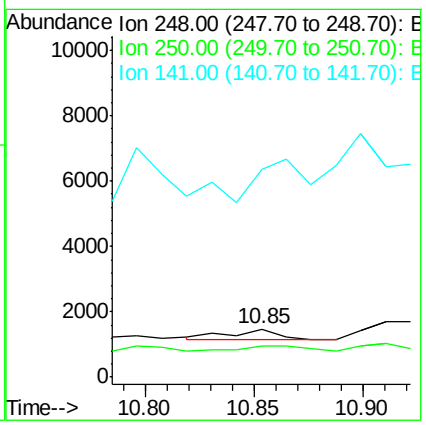


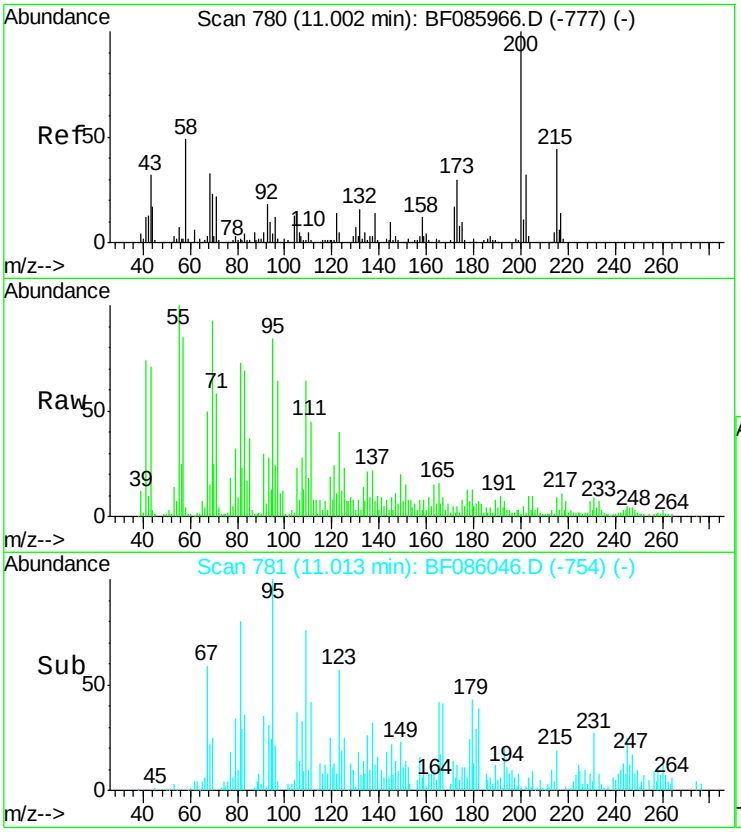


#66
4-Bromophenyl-phenylether
Concen: 0.20 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:248 Resp: 519

Ion	Ratio	Lower	Upper
248	100		
250	63.1	77.4	116.0#
141	430.6	63.6	95.4#



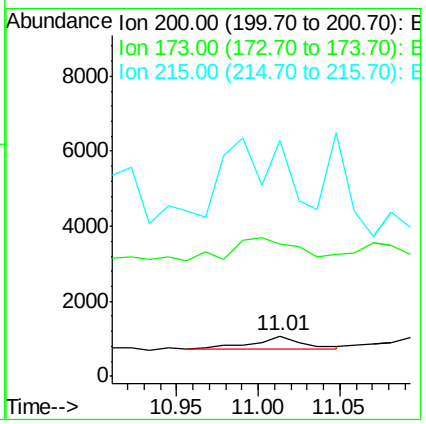


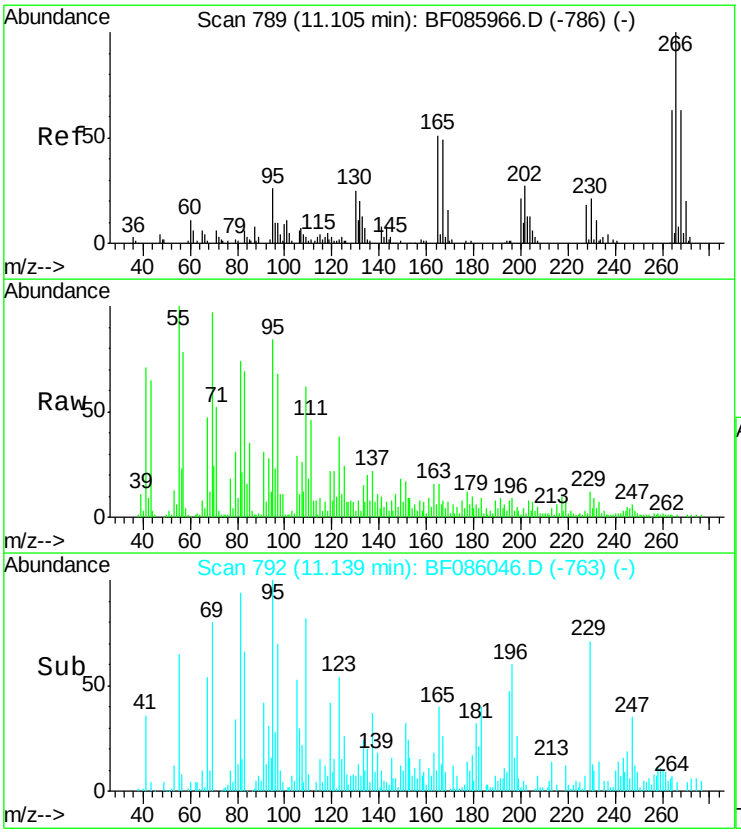
#68
Atrazine
Concen: 0.29 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:200 Resp: 765

Ion	Ratio	Lower	Upper
200	100		
173	330.0	7.7	47.7#
215	589.6	25.4	65.4#

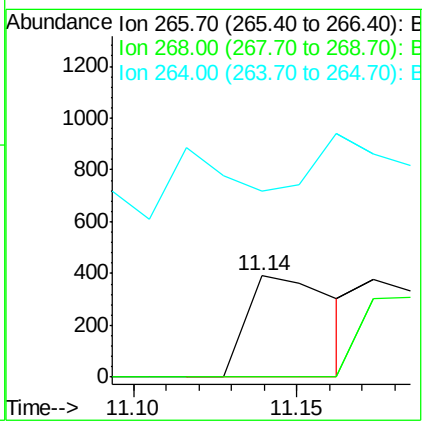


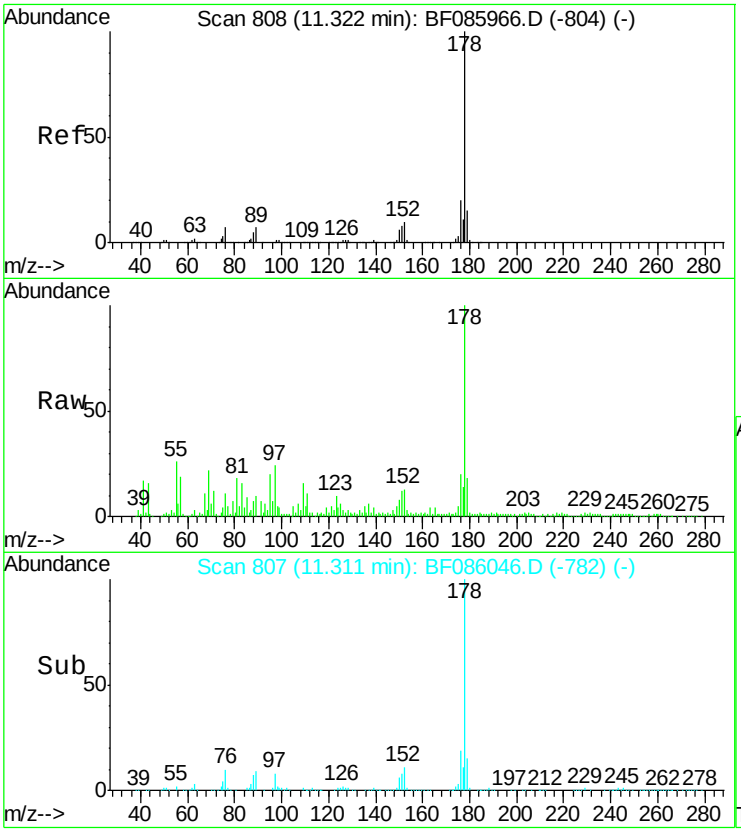


#69
Pentachlorophenol
Concen: 0.57 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:266 Resp: 724

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.5	77.3#
264	184.1	50.6	76.0#



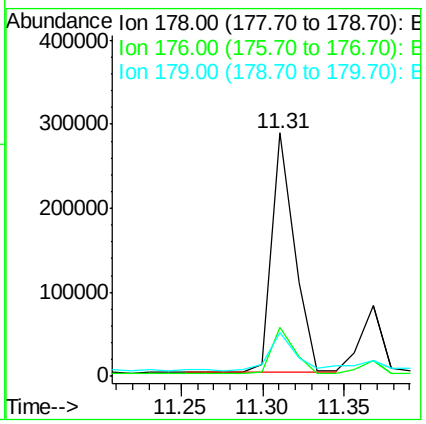


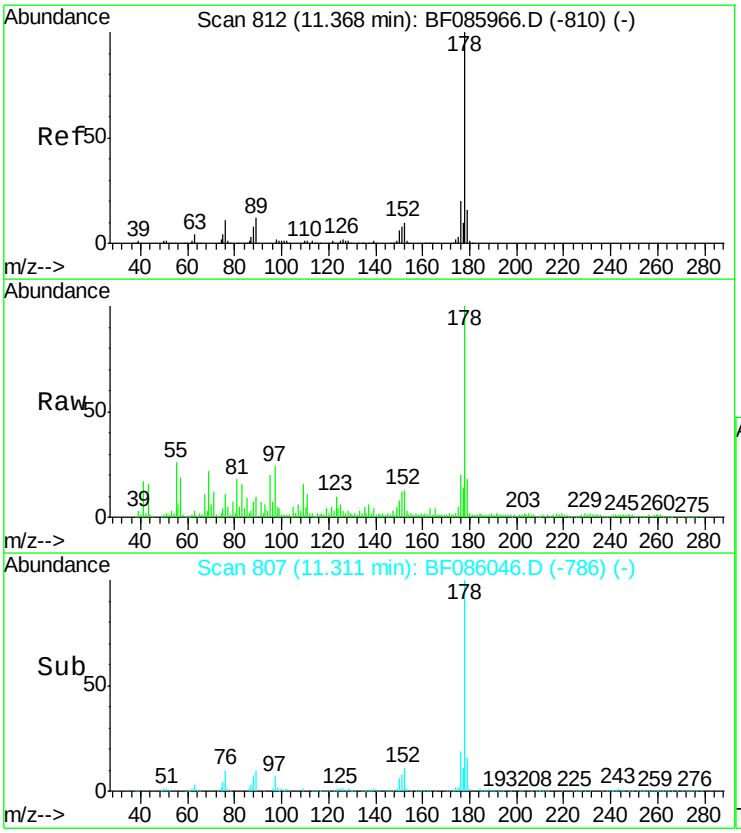
#70
Phenanthrene
Concen: 19.83 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:178 Resp: 279723

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.3	24.5
179	17.9	12.6	18.8

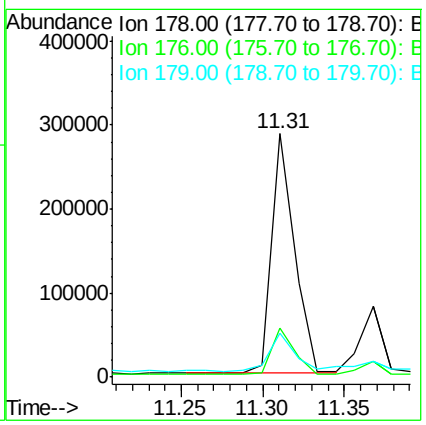


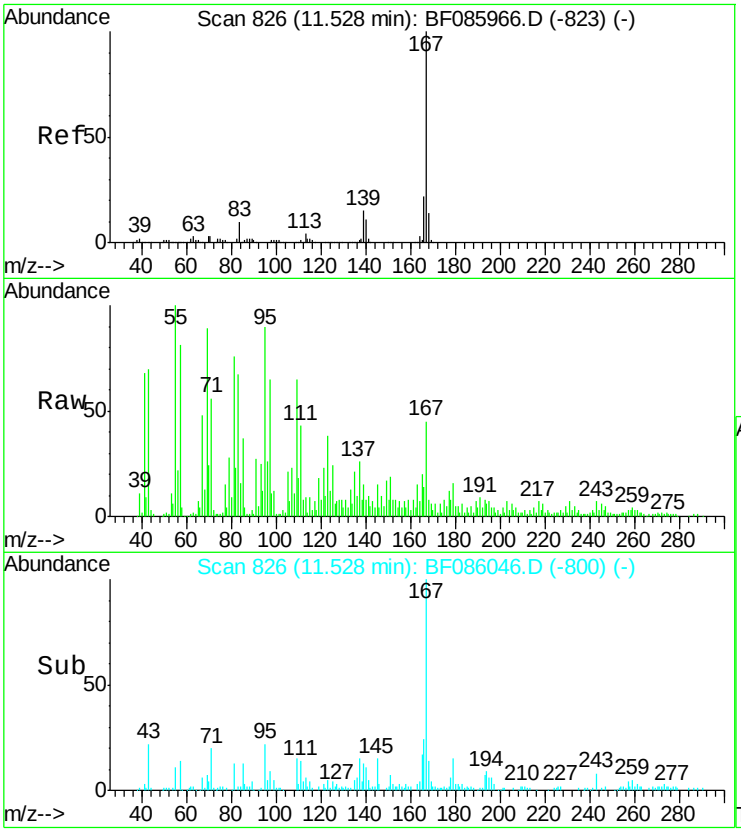


#71
Anthracene
Concen: 18.93 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.06 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:178 Resp: 279723

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	17.9	13.0	19.4



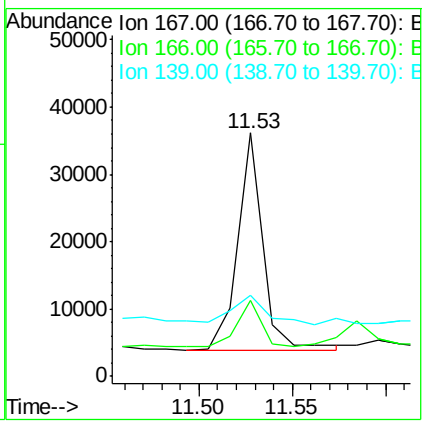


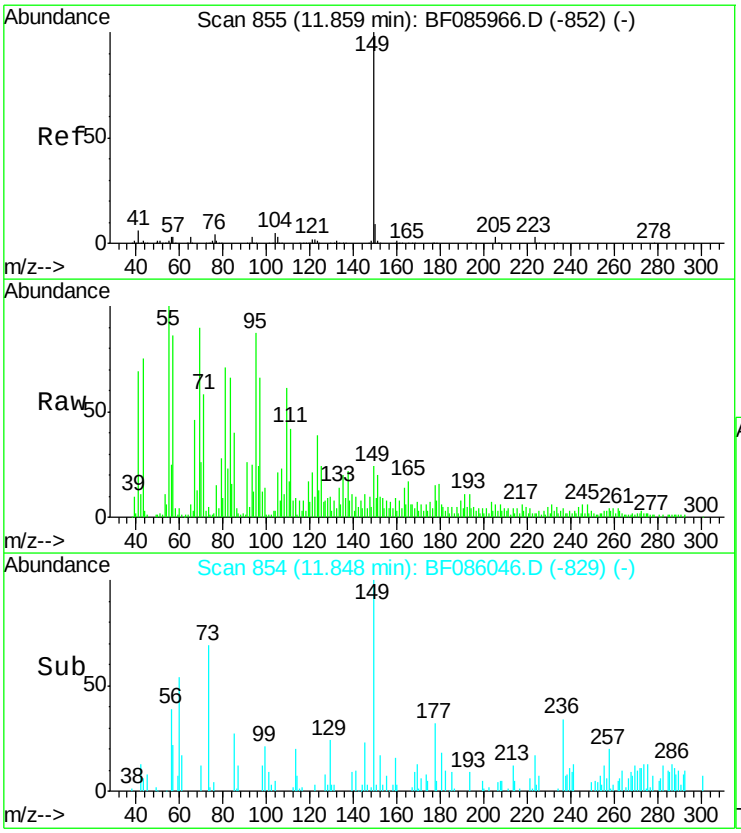
#72
Carbazole
Concen: 2.41 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:167 Resp: 30648

Ion	Ratio	Lower	Upper
167	100		
166	31.1	17.8	26.8#
139	33.5	11.6	17.4#

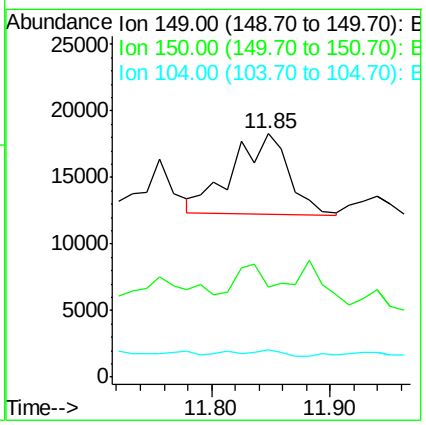


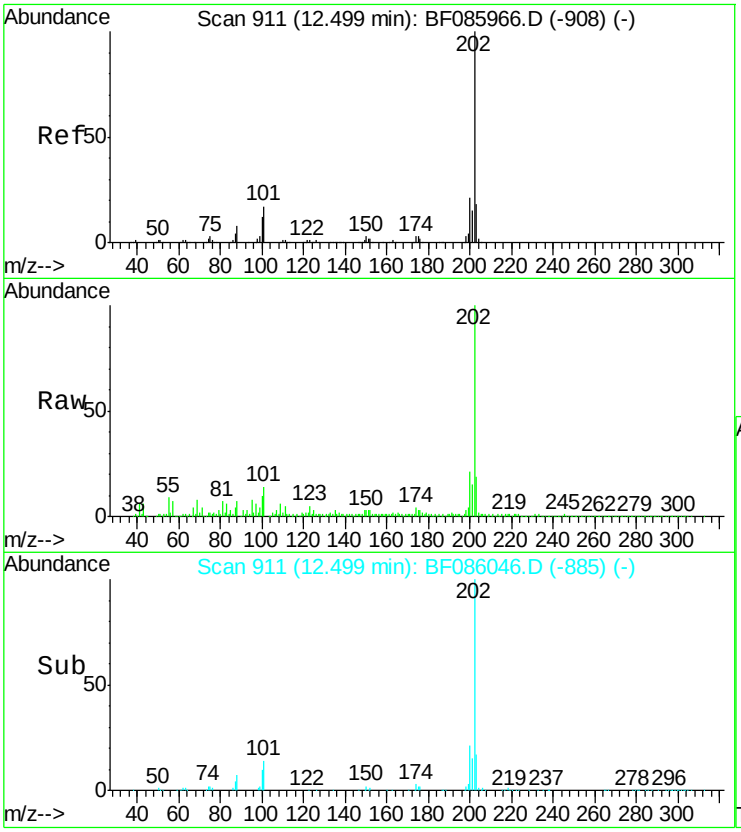


#73
Di-n-butylphthalate
Concen: 1.26 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:149 Resp: 19828

Ion	Ratio	Lower	Upper
149	100		
150	37.1	7.6	11.4#
104	11.5	3.8	5.8#



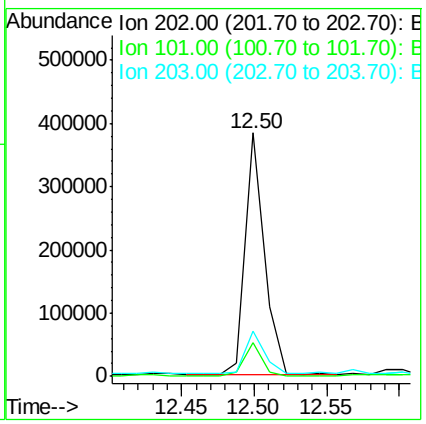


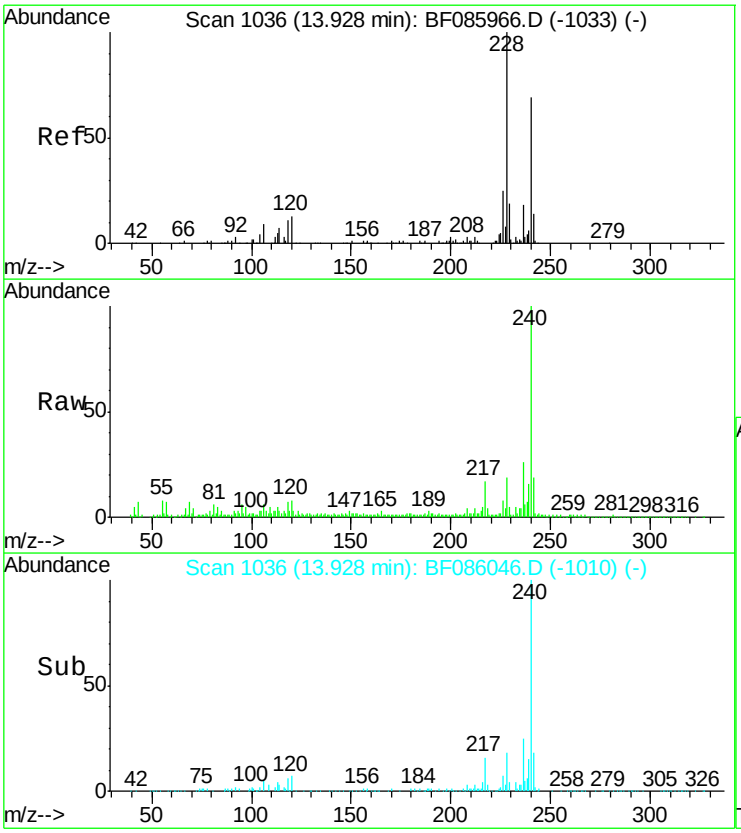
#74
Fluoranthene
Concen: 24.07 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:202 Resp: 353213

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	36.6
203	18.7	0.0	38.1

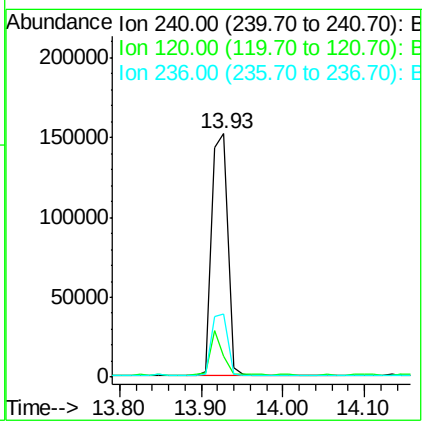


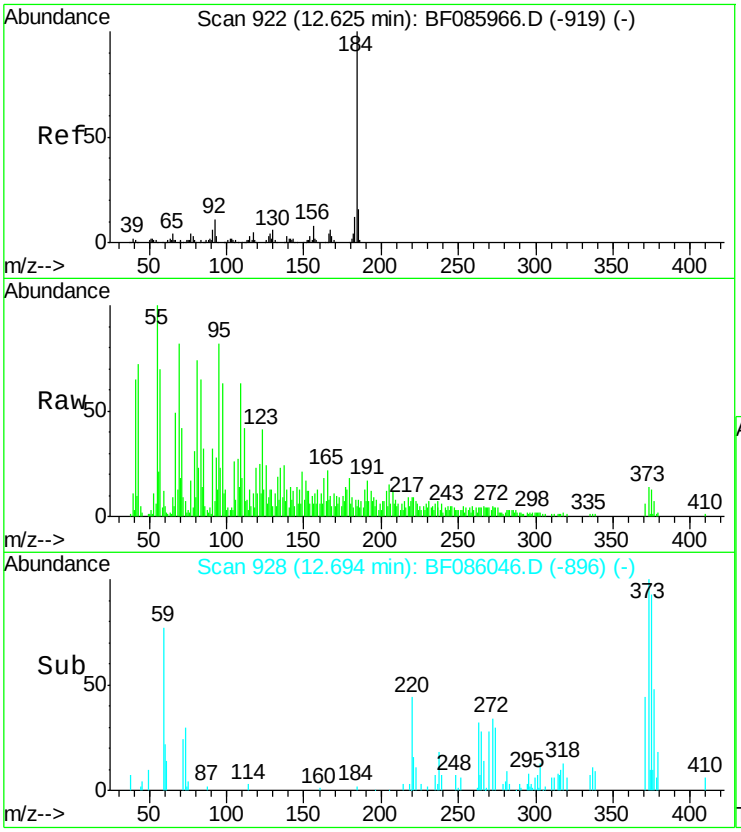


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:240 Resp: 210180

Ion	Ratio	Lower	Upper
240	100		
120	8.4	13.8	20.8#
236	26.1	20.6	30.8



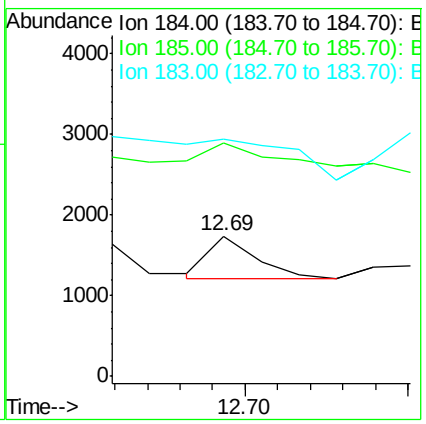


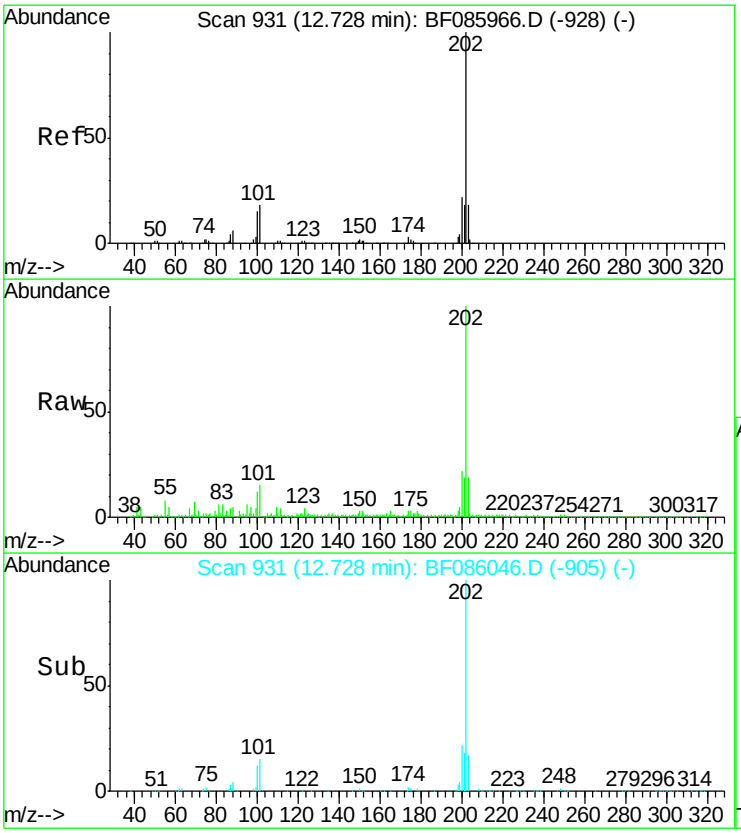
#76
Benzidine
Concen: 0.07 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.07 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:184 Resp: 547

Ion	Ratio	Lower	Upper
184	100		
185	166.2	12.4	18.6#
183	168.8	9.4	14.2#

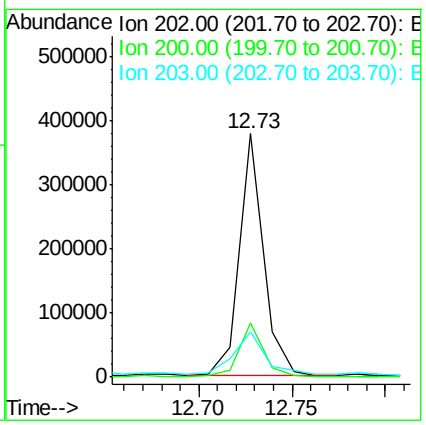


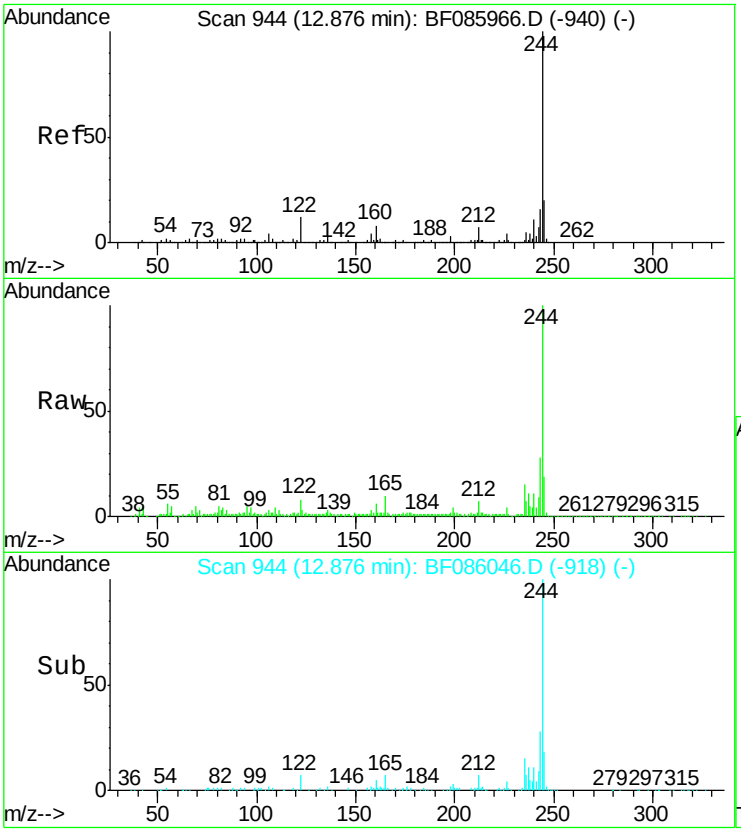


#77
Pyrene
Concen: 23.11 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:202 Resp: 342302

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.7	14.0	21.0



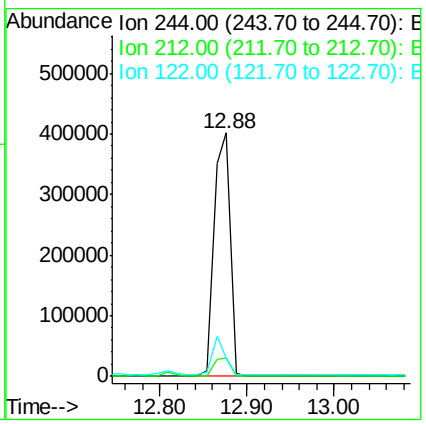


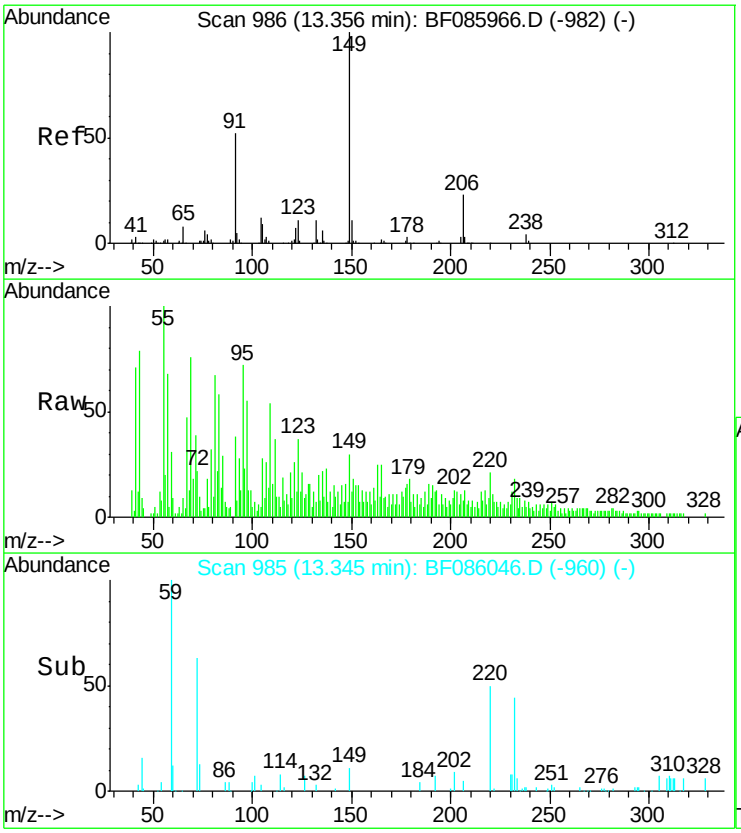
#78
Terphenyl-d14
Concen: 58.85 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:244 Resp: 526162

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	7.6	10.2	15.4#

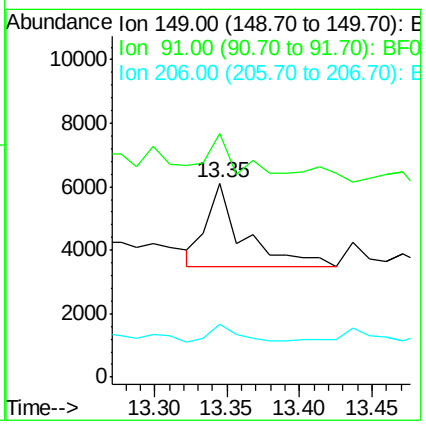


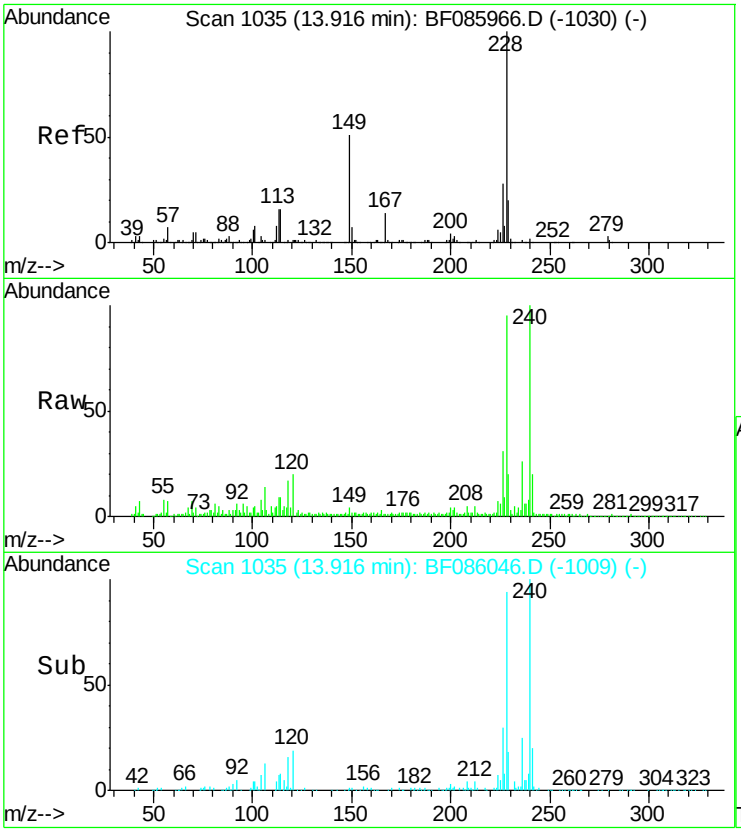


#79
Butylbenzylphthalate
Concen: 0.68 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:149 Resp: 4546

Ion	Ratio	Lower	Upper
149	100		
91	125.5	45.8	68.8#
206	27.5	17.8	26.8#



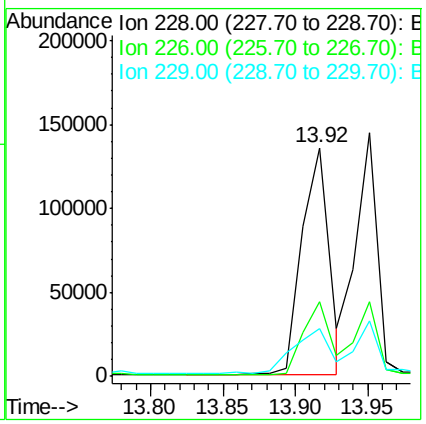


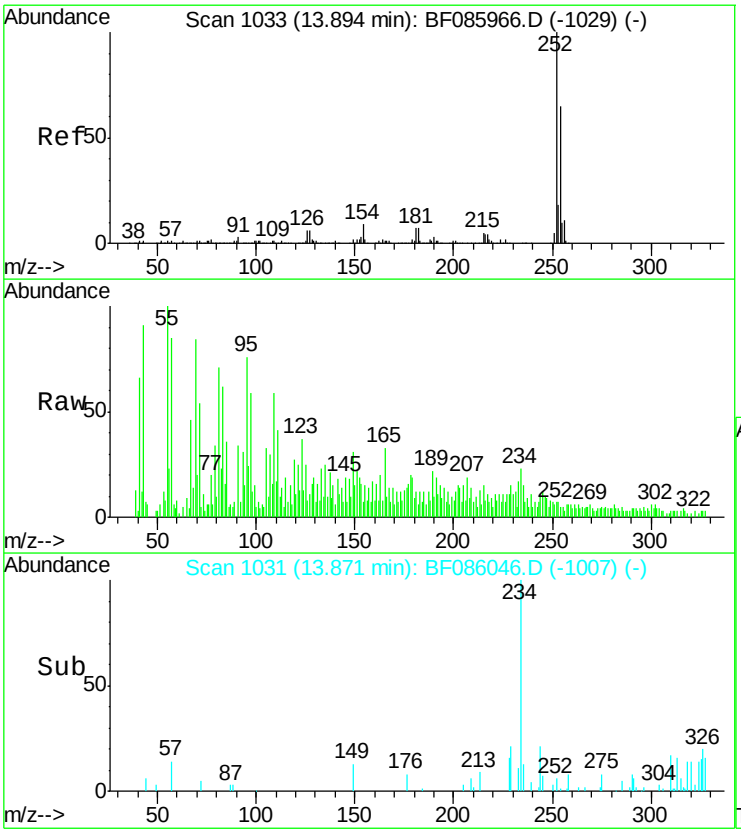
#80
Benzo(a)anthracene
Concen: 14.32 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:228 Resp: 177393

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.1	33.1
229	20.9	16.2	24.4

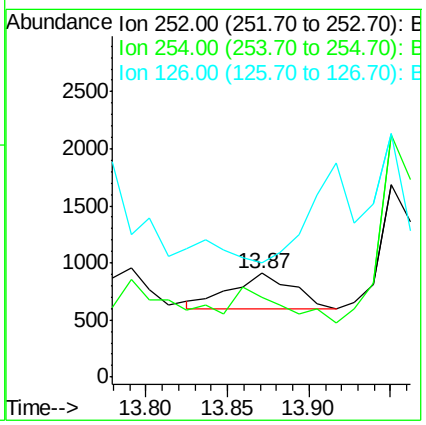


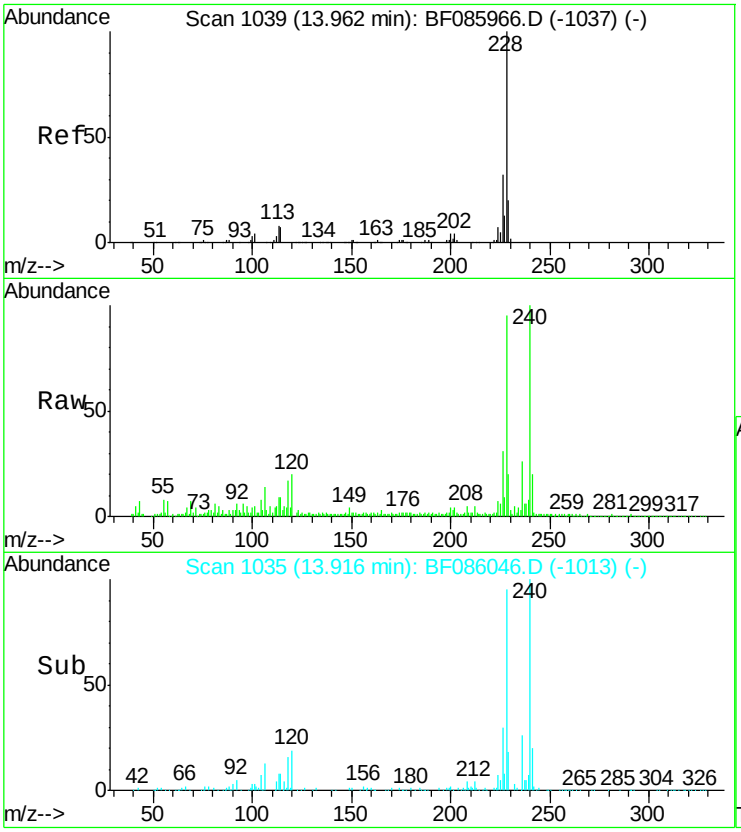


#81
3,3'-Dichlorobenzidine
Concen: 0.09 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:252 Resp: 817

Ion	Ratio	Lower	Upper
252	100		
254	76.5	50.7	76.1#
126	110.1	11.8	17.6#



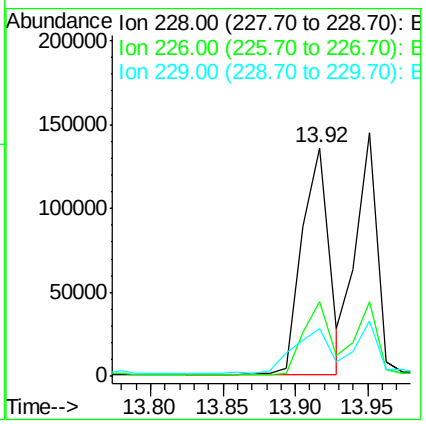


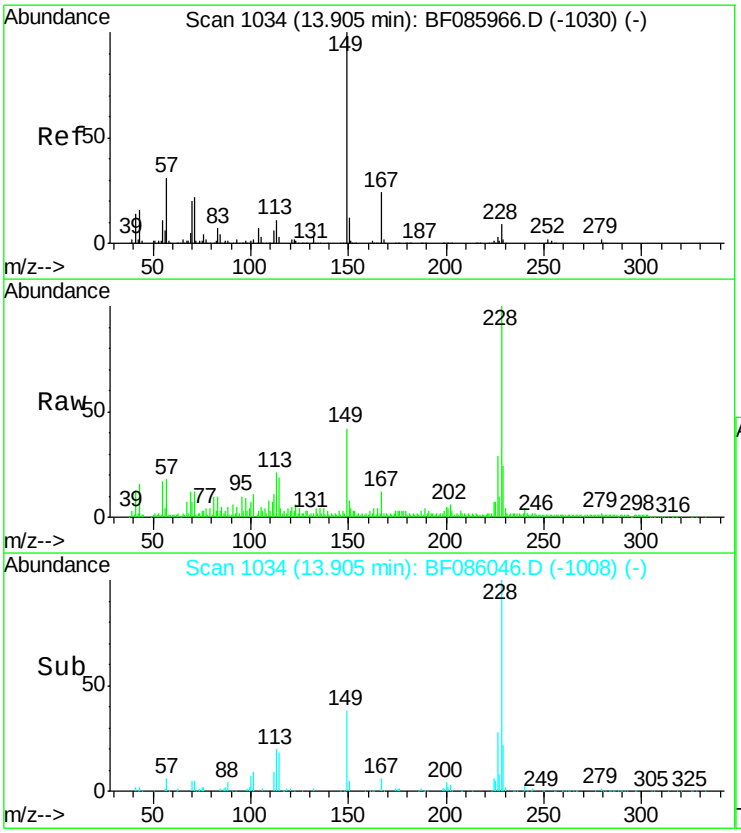
#82
Chrysene
Concen: 14.86 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:228 Resp: 177393

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	20.9	15.7	23.5

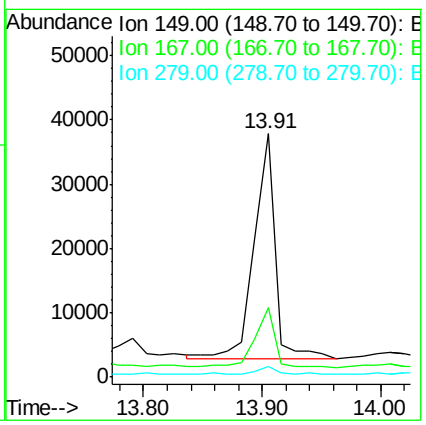


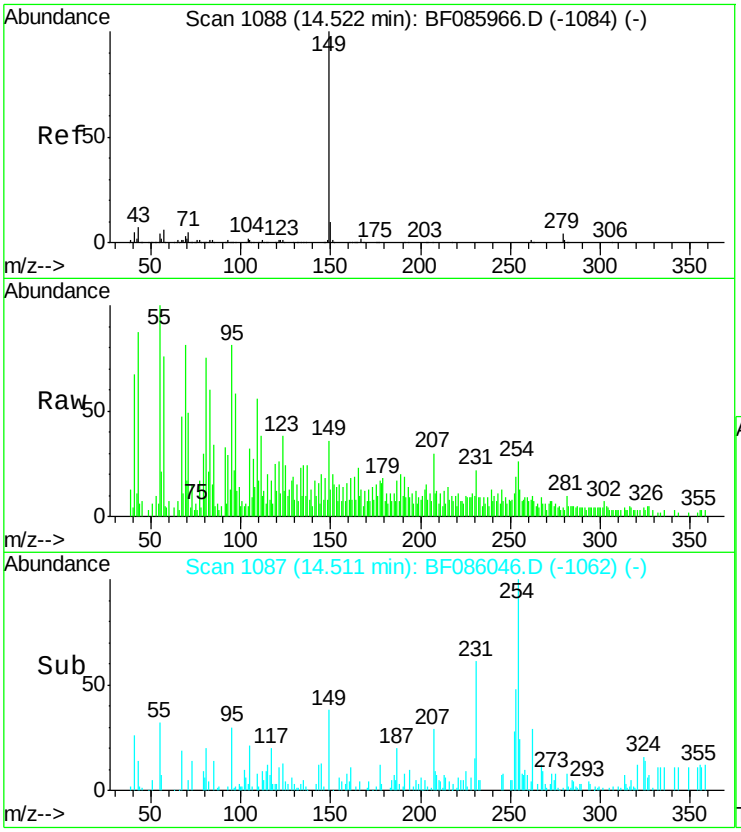


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.97 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:149 Resp: 44005

Ion	Ratio	Lower	Upper
149	100		
167	28.8	19.4	29.2
279	4.5	1.5	2.3#



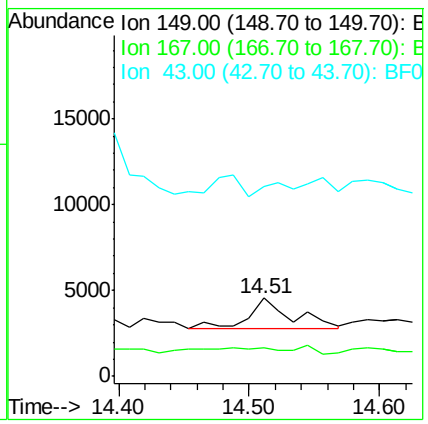


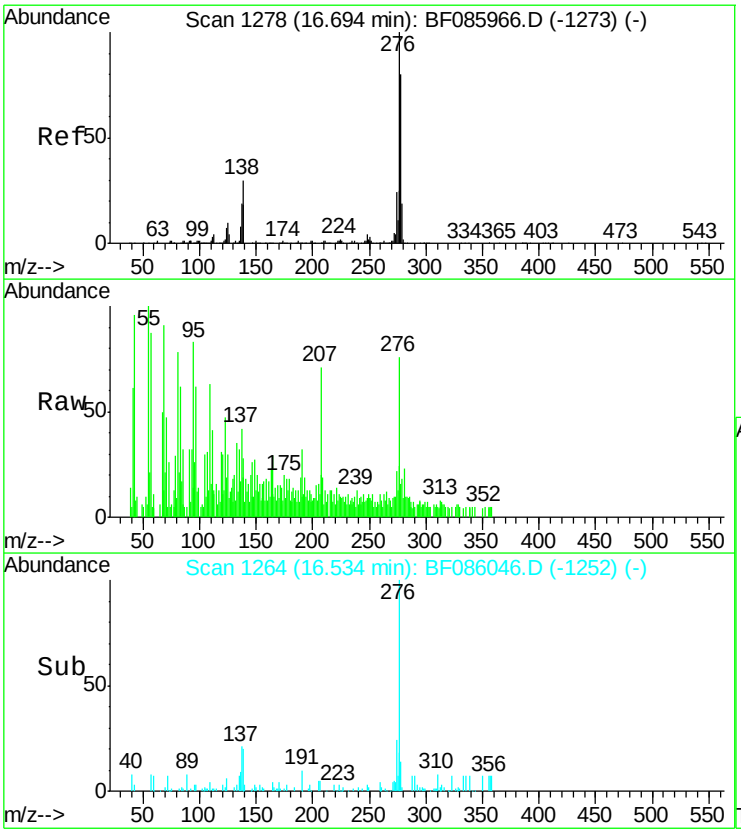
#84
Di-n-octyl phthalate
Concen: 0.28 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:149 Resp: 4017

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	7.1	10.7#

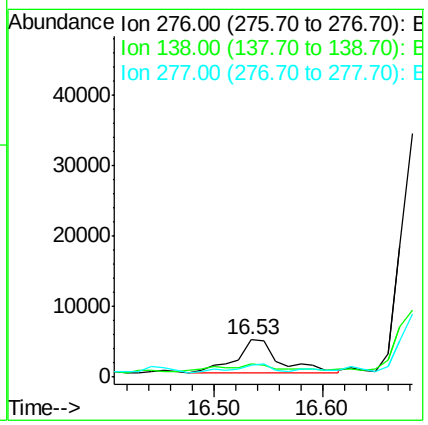


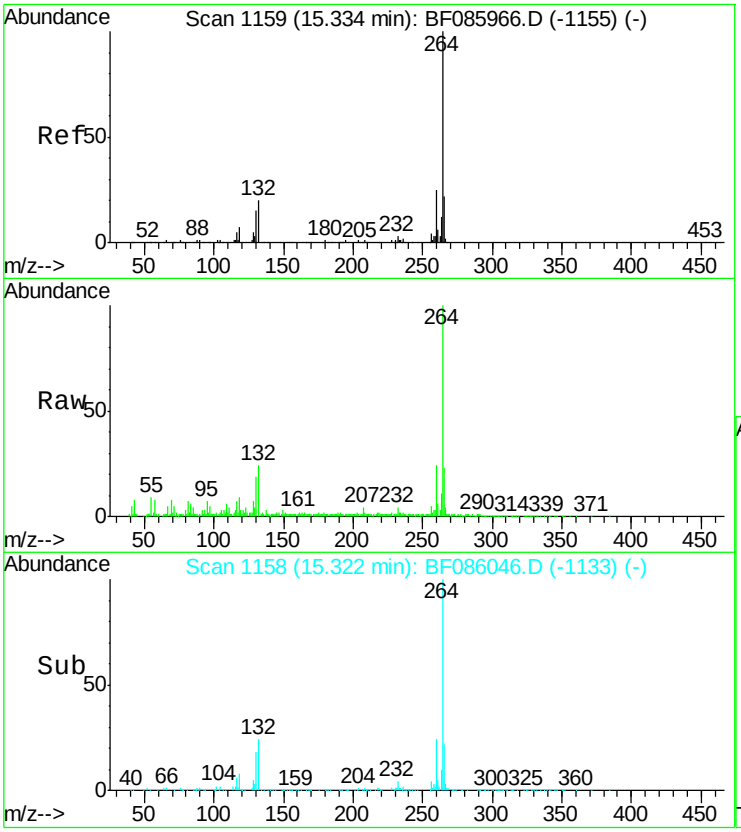


#85
Indeno(1,2,3-cd)pyrene
Concen: 1.43 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.16 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:276 Resp: 13808

Ion	Ratio	Lower	Upper
276	100		
138	27.4	24.2	36.4
277	24.2	20.0	30.0



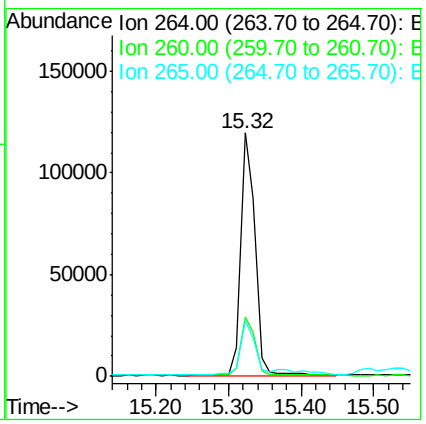


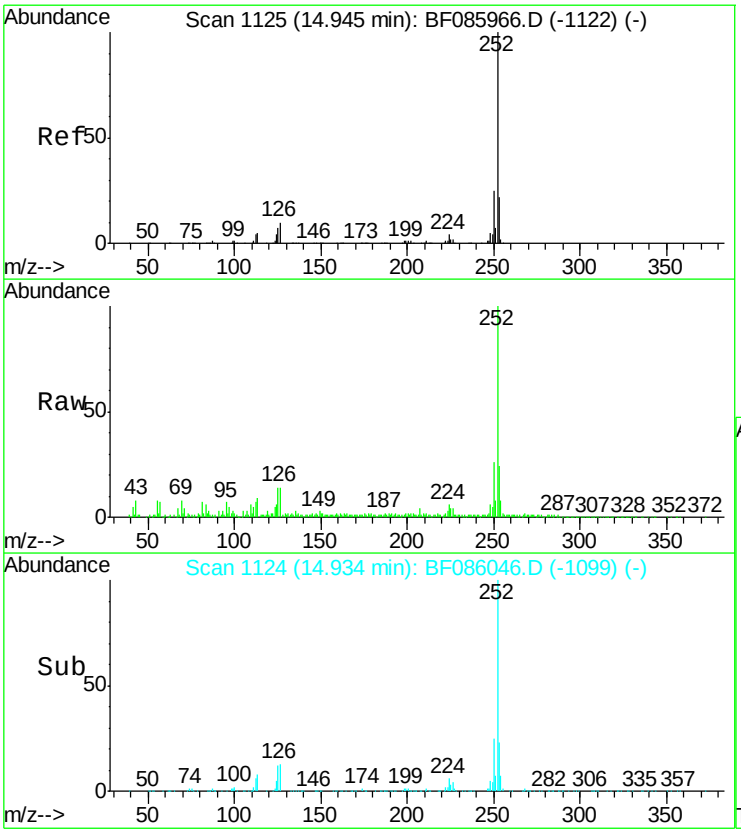
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:264 Resp: 162075

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.8	17.2	25.8

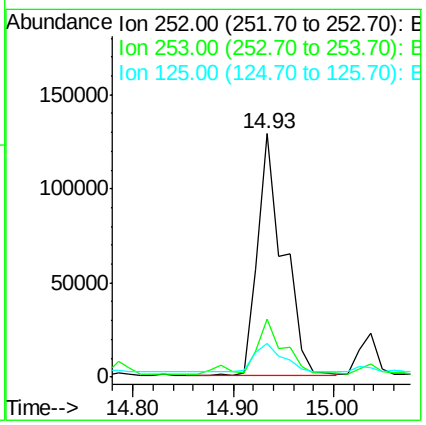


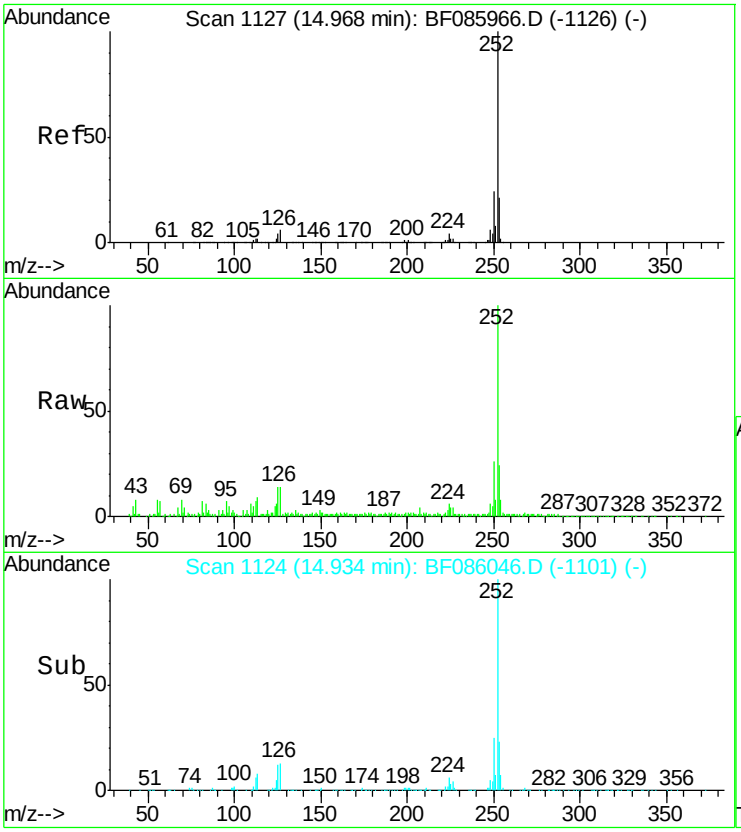


#87
Benzo(b)fluoranthene
Concen: 22.31 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:252 Resp: 227468

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	14.1	10.3	15.5



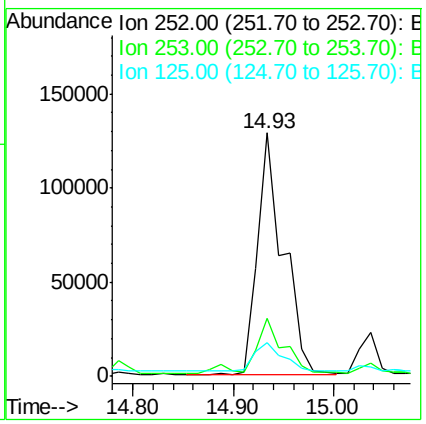


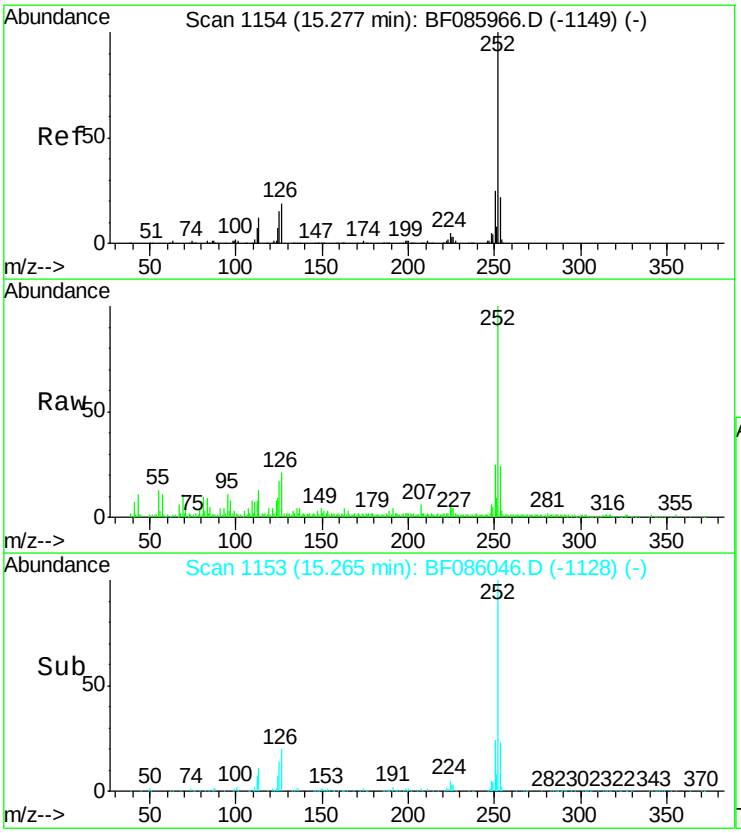
#88
Benzo(k)fluoranthene
Concen: 25.19 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:252 Resp: 227468

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	14.1	7.7	11.5#

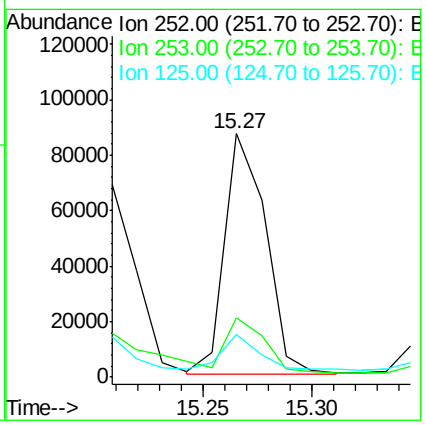


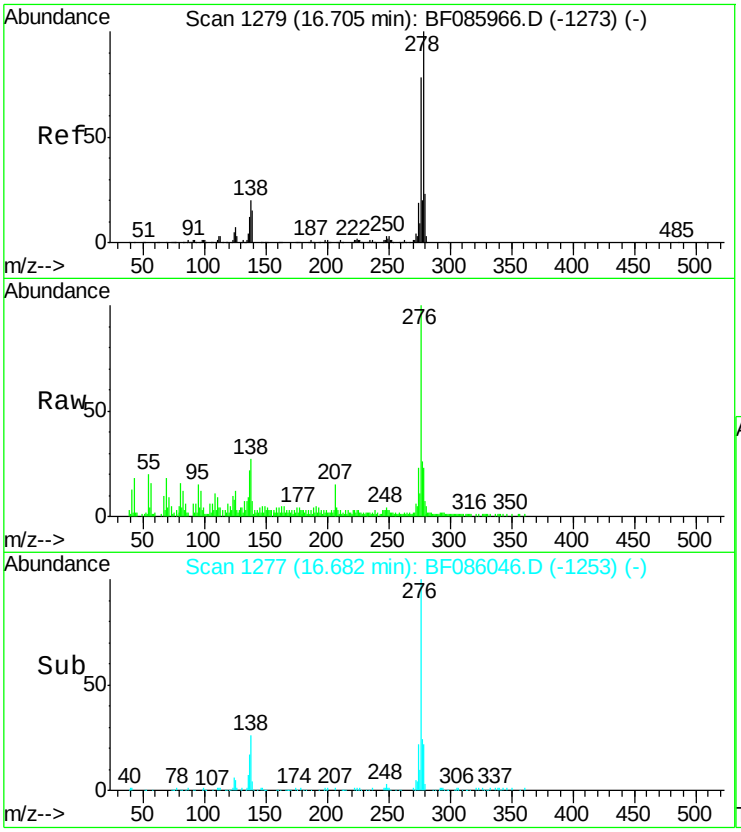


#89
Benzo(a)pyrene
Concen: 12.63 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:252 Resp: 114117

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	17.5	10.3	15.5#



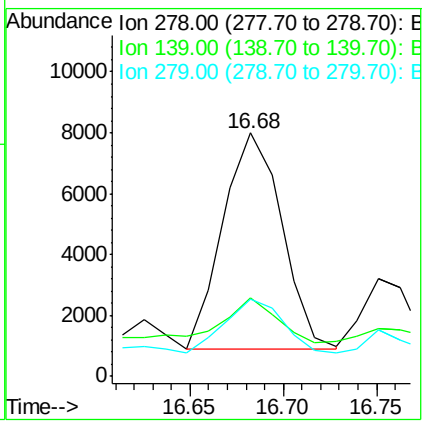


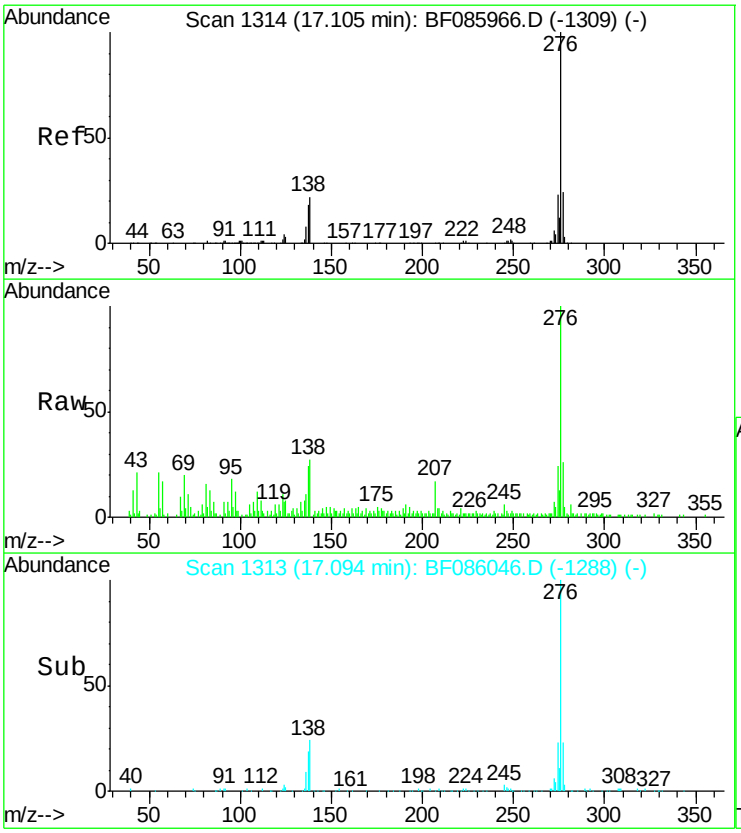
#90
Dibenzo(a,h)anthracene
Concen: 2.14 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Instrument :
BNA_F
ClientSampleId :
TK2-3-20160401

Tgt Ion:278 Resp: 15573

Ion	Ratio	Lower	Upper
278	100		
139	32.3	14.4	21.6#
279	31.8	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 8.80 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF086046.D
Acq: 4 Apr 2016 19:16

Tgt Ion:276 Resp: 61912

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	26.9	22.6	34.0