Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088784.D
Acq On : 7 Jul 2016 17:46
Operator : UM/SJ
Sample : H3871-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K8-B2(0-11)CMS

Quant Time: Jul 08 01:41:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	92383	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	379399	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	197571	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	366811	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	239932	20.00	ng		-0.03
86) Perylene-d12	15.27	264	177318	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	746006	121.02	ng		-0.02
7) Phenol-d6	6.39	99	860510	108.04	ng		-0.02
23) Nitrobenzene-d5	7.31	82	641104	88.55	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	236801	129.07	ng		-0.03
44) 2-Fluorobiphenyl	9.11	172	991852	79.30	ng		-0.03
78) Terphenyl-d14	12.85	244	1022546	94.92	ng		-0.02
Target Compounds							Qvalue
3) Pyridine	2.99	79	250035	28.19	ng		94
4) n-Nitrosodimethylamine	2.96	42	108007	31.88	ng		90
6) Aniline	6.40	93	306529	26.41	ng	#	1
8) 2-Chlorophenol	6.52	128	259333	39.14	ng		100
9) Benzaldehyde	6.28	77	171632	31.81	ng		94
10) Phenol	6.40	94	326794	35.95	ng	#	58
11) bis(2-Chloroethyl)ether	6.48	93	241256	35.59	ng		92
12) 1,3-Dichlorobenzene	6.91	146	273519	37.52	ng		98
13) 1,4-Dichlorobenzene	6.75	146	261252	36.10	ng		93
14) 1,2-Dichlorobenzene	6.68	146	272579	40.24	ng		97
15) Benzyl Alcohol	6.89	79	254304	43.38	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	290830	29.63	ng		88
17) 2-Methylphenol	7.00	107	220728	40.84	ng		95
18) Hexachloroethane	7.26	117	109288	39.04	ng		94
19) n-Nitroso-di-n-propylamine	7.16	70	186899	34.93	ng		93
20) 3+4-Methylphenols	7.16	107	294352	45.38	ng		92
22) Acetophenone	7.15	105	385843	41.90	ng	#	89
24) Nitrobenzene	7.32	77	276724	37.91	ng	#	83
25) Isophorone	7.58	82	573306	42.75	ng		99
26) 2-Nitrophenol	7.64	139	150963	50.43	ng		92
27) 2,4-Dimethylphenol	7.69	122	263247	42.22	ng		89
28) bis(2-Chloroethoxy)methane	7.78	93	327258	37.50	ng	#	95
29) 2,4-Dichlorophenol	7.88	162	218912	43.45	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	227048	41.06	ng		97
31) Naphthalene	8.04	128	749774	40.09	ng		100
32) Benzoic acid	7.83	122	141474	31.25	ng		93
33) 4-Chloroaniline	8.10	127	202841	24.37	ng	#	94
34) Hexachlorobutadiene	8.17	225	130445	44.06	ng		98
35) Caprolactam	8.48	113	48470	28.32	ng		94
36) 4-Chloro-3-methylphenol	8.59	107	280714	47.11	ng		93
37) 2-Methylnaphthalene	8.74	142	550858	45.74	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	232787	35.42	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	206764	64.11	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	176003	40.62	ng		100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088784.D
Acq On : 7 Jul 2016 17:46
Operator : UM/SJ
Sample : H3871-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K8-B2(0-11)CMS

Quant Time: Jul 08 01:41:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	163081	43.75	ng	#	87
45) 1,1'-Biphenyl	9.21	154	691468	42.27	ng		96
46) 2-Chloronaphthalene	9.23	162	519073	40.42	ng		95
47) 2-Nitroaniline	9.32	65	164452	36.08	ng		98
48) Acenaphthylene	9.64	152	846188	41.41	ng		99
49) Dimethylphthalate	9.52	163	664216	47.19	ng		100
50) 2,6-Dinitrotoluene	9.58	165	155637	49.89	ng		90
51) Acenaphthene	9.82	154	594732	47.48	ng		98
52) 3-Nitroaniline	9.74	138	101959	25.71	ng		93
53) 2,4-Dinitrophenol	9.85	184	132059	95.87	ng	#	76
54) Dibenzofuran	9.99	168	720731	43.96	ng	#	87
55) 4-Nitrophenol	9.92	139	250795	83.22	ng	#	64
56) 2,4-Dinitrotoluene	9.98	165	180593	44.28	ng	#	50
57) Fluorene	10.33	166	606237	47.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	129060	44.75	ng	#	49
59) Diethylphthalate	10.22	149	637134	45.10	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	224618	38.26	ng	#	86
61) 4-Nitroaniline	10.35	138	136294	35.71	ng		83
62) Azobenzene	10.48	77	685190	42.52	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	94251	48.04	ng	#	58
65) n-Nitrosodiphenylamine	10.44	169	511704	41.22	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	164456	44.49	ng	#	87
67) Hexachlorobenzene	10.88	284	174243	42.58	ng	#	70
68) Atrazine	10.97	200	164649	42.56	ng		90
69) Pentachlorophenol	11.07	266	198937	82.15	ng		98
70) Phenanthrene	11.28	178	804703	40.13	ng		99
71) Anthracene	11.34	178	887271	44.50	ng		100
72) Carbazole	11.49	167	775758	41.34	ng		99
73) Di-n-butylphthalate	11.83	149	921377	42.21	ng	#	99
74) Fluoranthene	12.47	202	932225	45.86	ng		96
76) Benzidine	12.59	184	361628	29.82	ng		97
77) Pyrene	12.70	202	905023	44.49	ng		98
79) Butylbenzylphthalate	13.33	149	424538	46.78	ng		97
80) Benzo(a)anthracene	13.87	228	668176	43.25	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	155849	26.83	ng	#	95
82) Chrysene	13.91	228	616926	40.36	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	520614	50.25	ng	#	99
84) Di-n-octyl phthalate	14.49	149	778020	44.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	538300	45.77	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	501703	45.10	ng	#	97
88) Benzo(k)fluoranthene	14.88	252	501703	51.81	ng		98
89) Benzo(a)pyrene	15.21	252	464271	49.30	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	448314	57.01	ng		100
91) Benzo(g,h,i)perylene	16.98	276	459838	56.51	ng		95

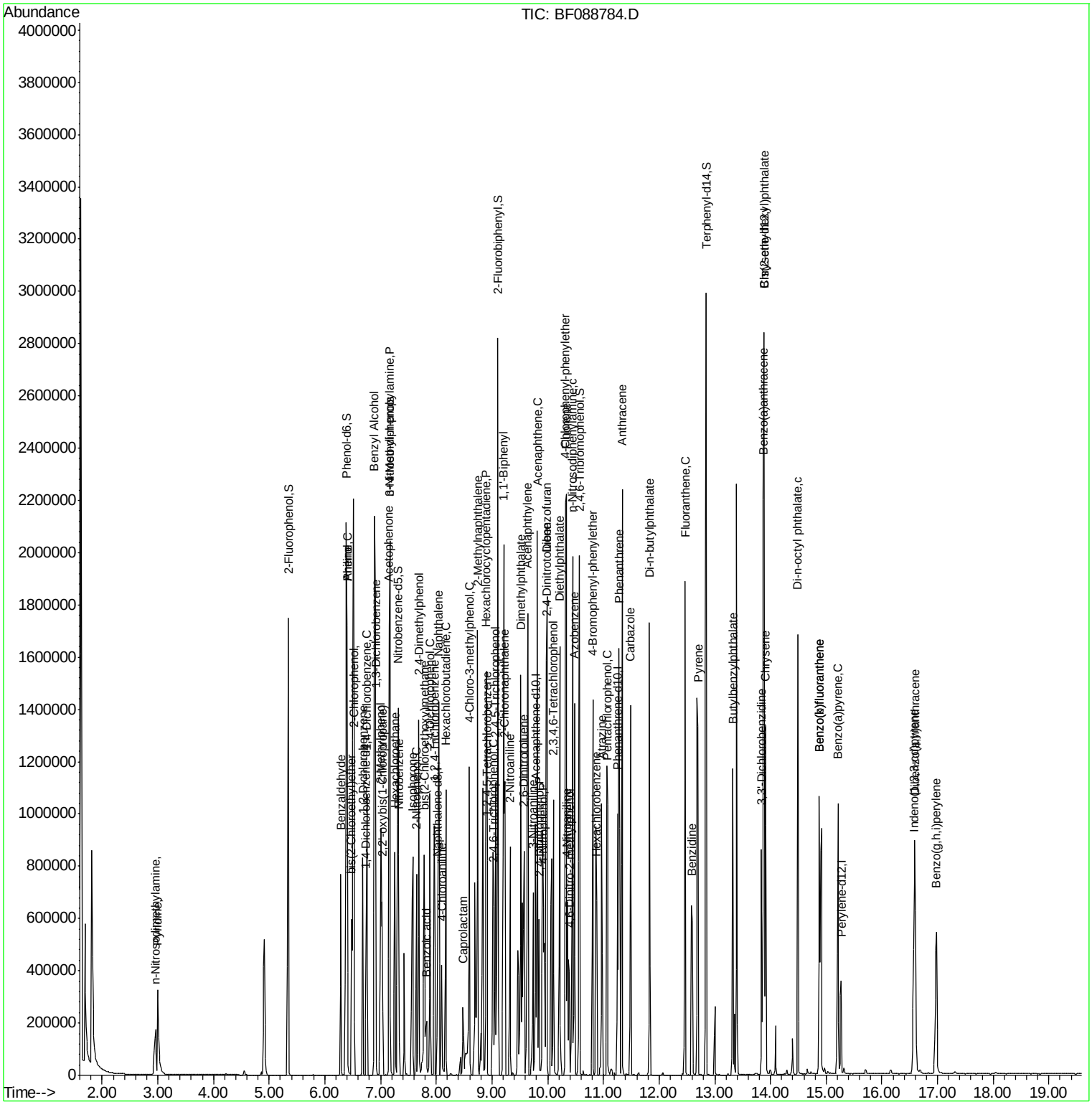
(#) = qualifier out of range (m) = manual integration (+) = signals summed

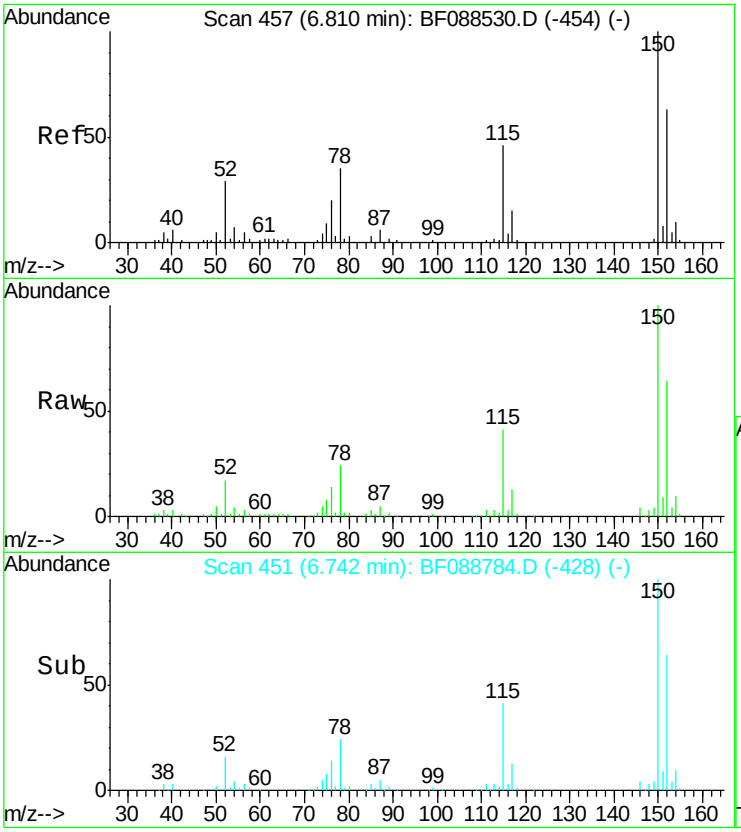
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088784.D
Acq On : 7 Jul 2016 17:46
Operator : UM/SJ
Sample : H3871-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Quant Time: Jul 08 01:41:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration



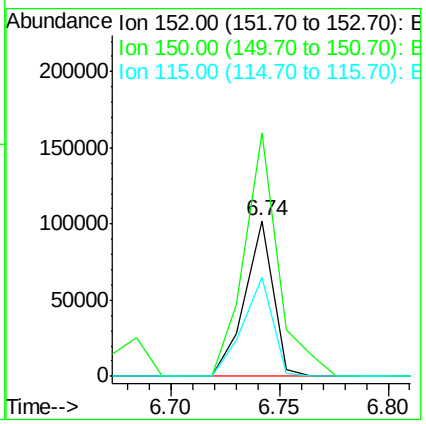


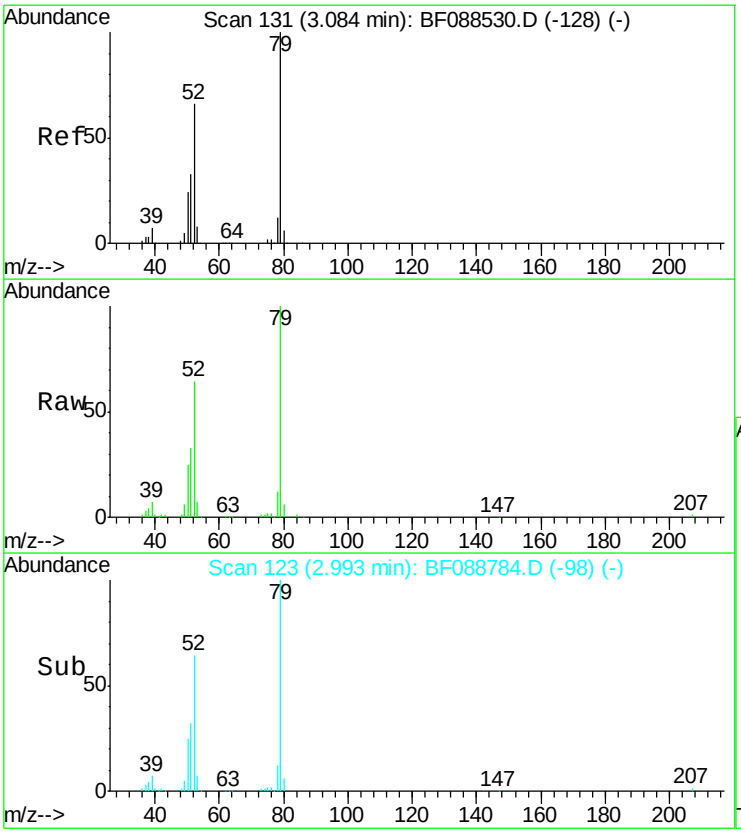
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:152 Resp: 92383

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	63.4	39.6	59.4#

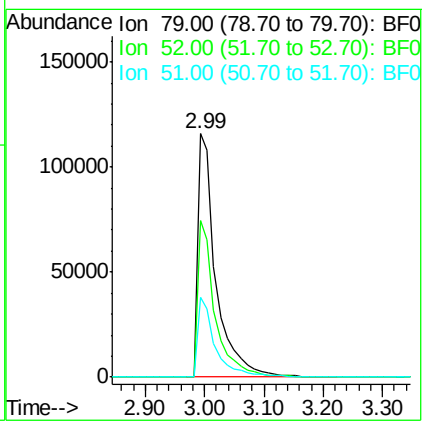


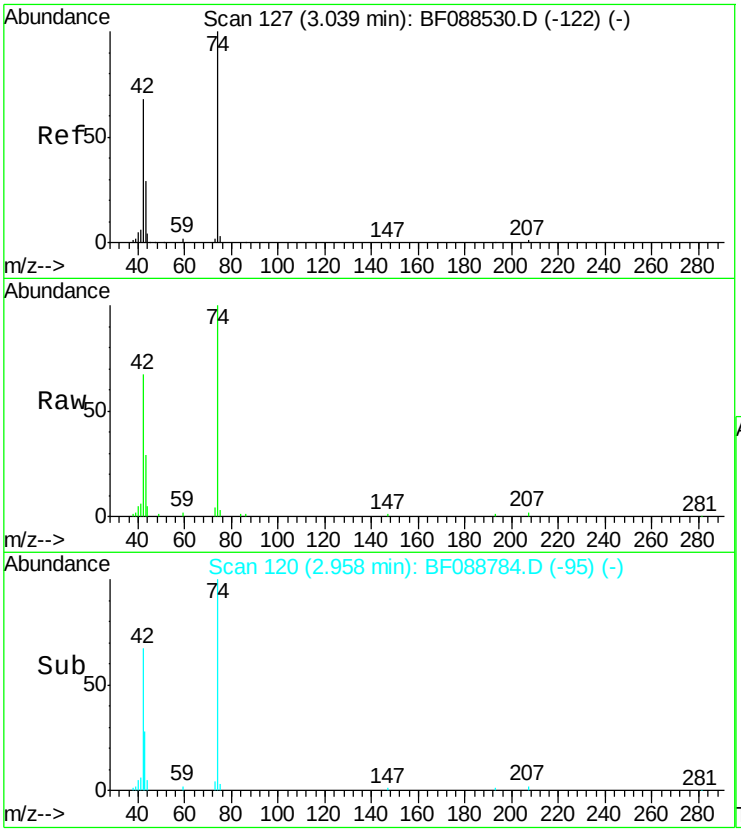


#3
Pyridine
Concen: 28.19 ng
RT: 2.99 min Scan# 123
Delta R.T. -0.01 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 79 Resp: 250035

Ion	Ratio	Lower	Upper
79	100		
52	64.1	56.3	84.5
51	32.7	27.4	41.2



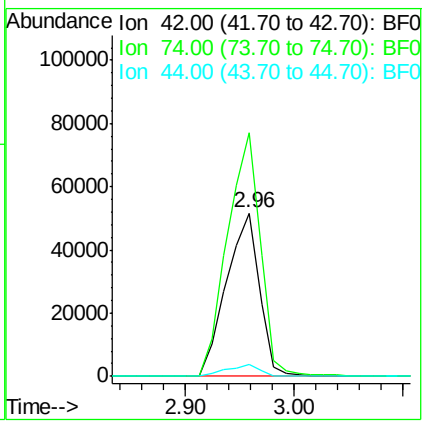


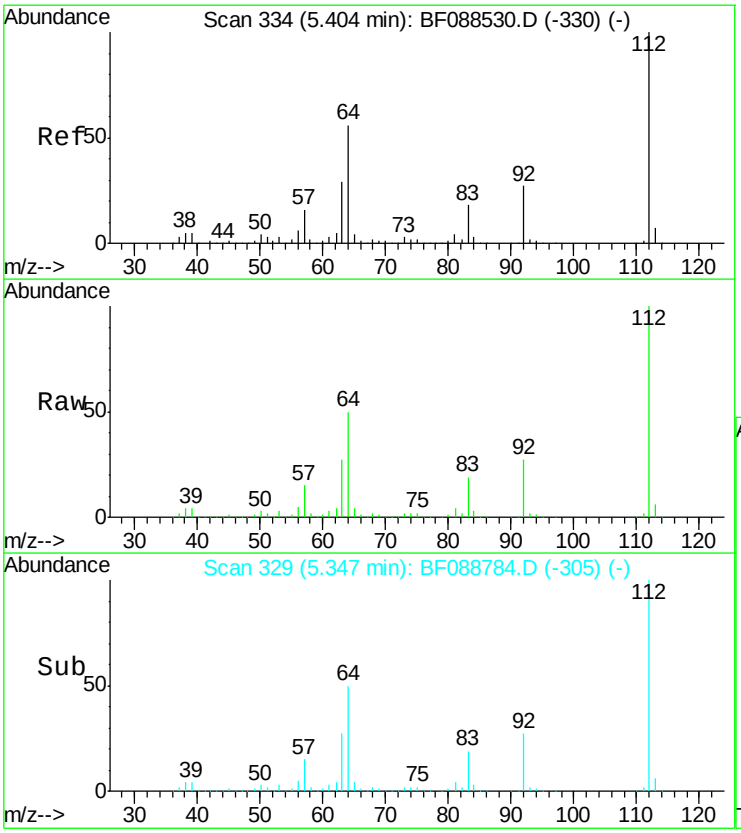
#4
n-Nitrosodimethylamine
Concen: 31.88 ng
RT: 2.96 min Scan# 120
Delta R.T. -0.01 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion: 42 Resp: 108007

Ion	Ratio	Lower	Upper
42	100		
74	148.9	108.6	163.0
44	7.0	5.5	8.3

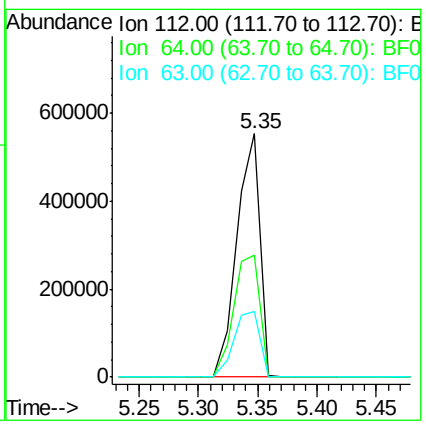


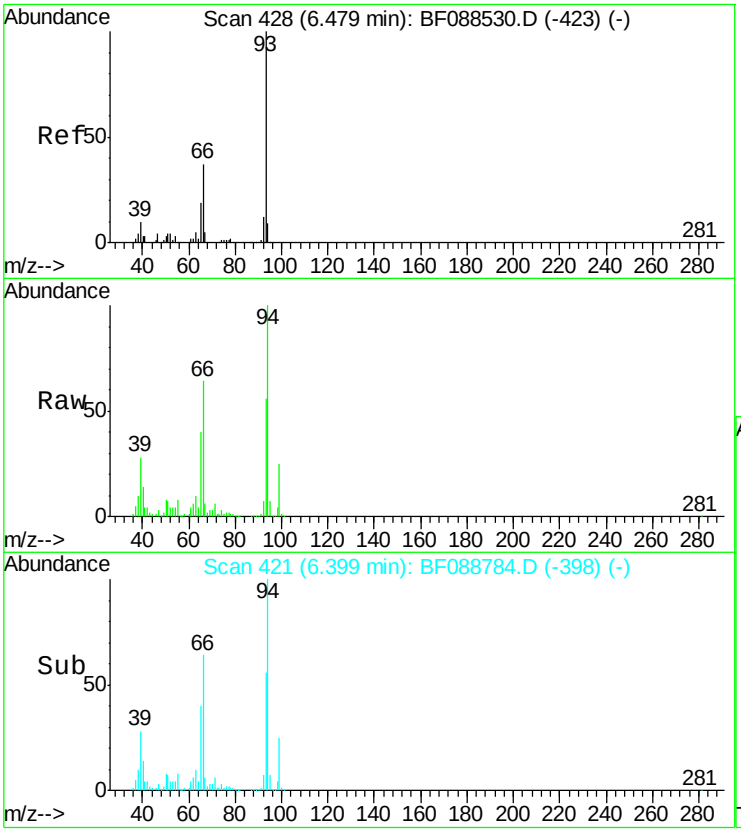


#5
2-Fluorophenol
Concen: 121.02 ng
RT: 5.35 min Scan# 329
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:112 Resp: 746006

Ion	Ratio	Lower	Upper
112	100		
64	50.0	42.2	63.2
63	26.8	21.8	32.8



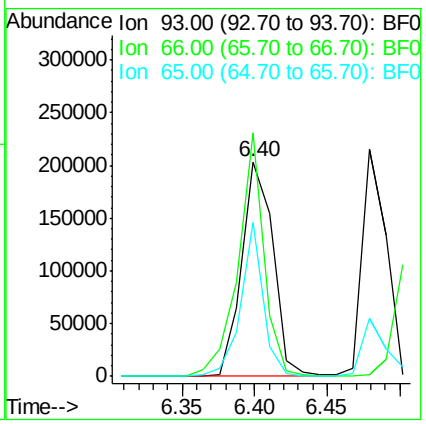


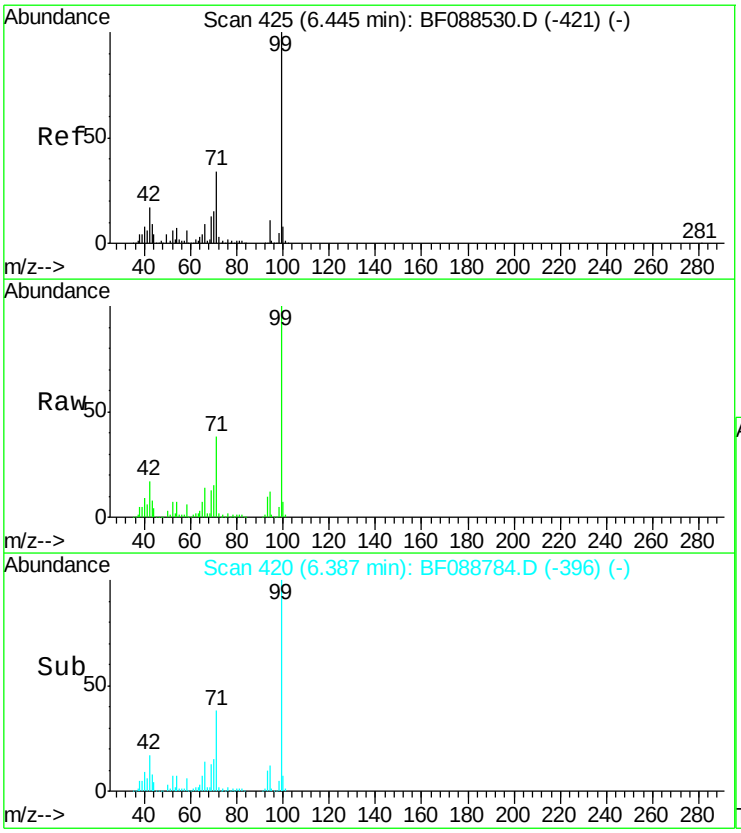
#6
Aniline
Concen: 26.41 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion: 93 Resp: 306529

Ion	Ratio	Lower	Upper
93	100		
66	113.5	29.8	44.8#
65	71.7	14.9	22.3#

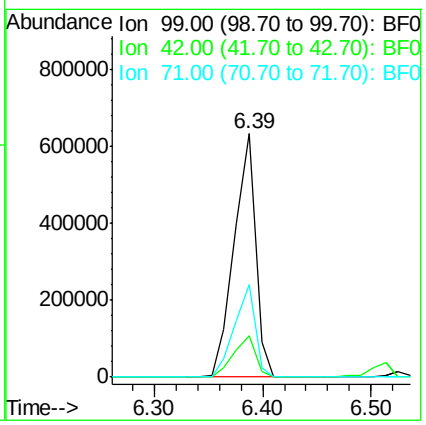


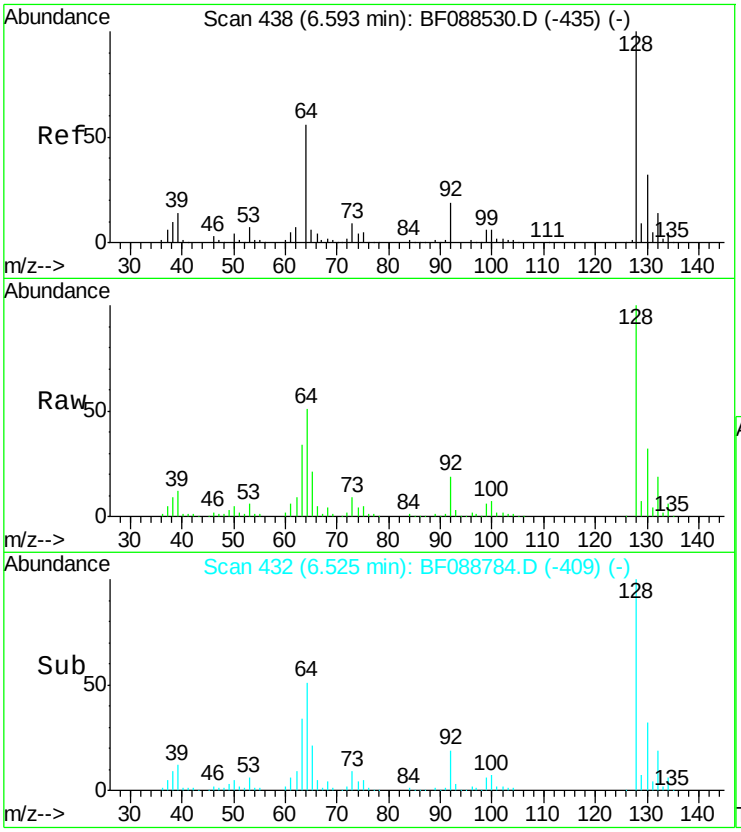


#7
Phenol-d6
Concen: 108.04 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 99 Resp: 860510

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.2	18.2
71	37.9	23.4	35.0#



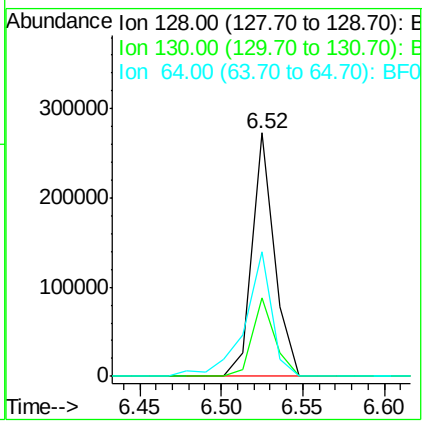


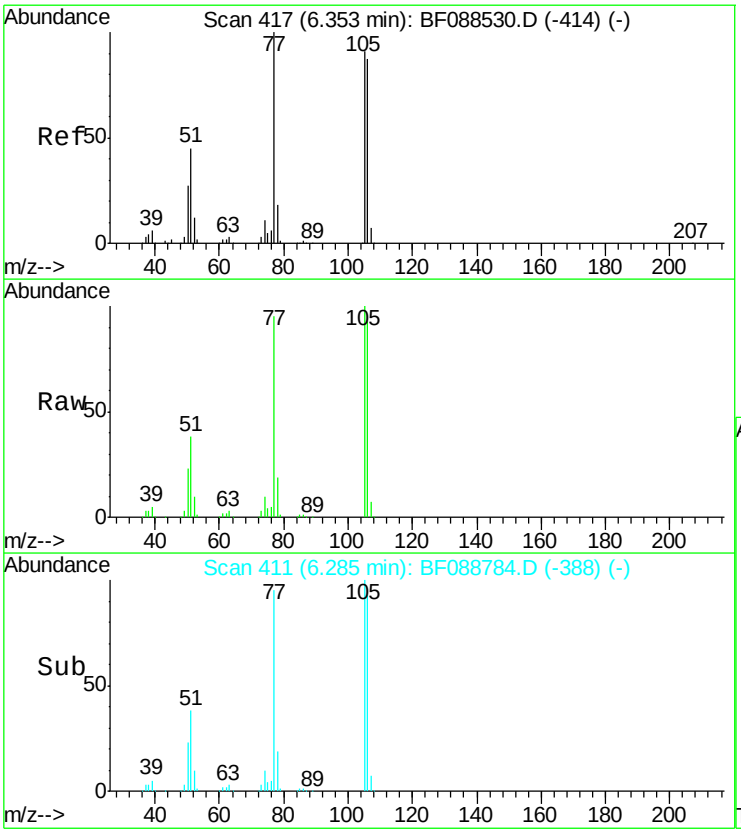
#8
2-Chlorophenol
Concen: 39.14 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:128 Resp: 259333

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	51.0	30.8	70.8

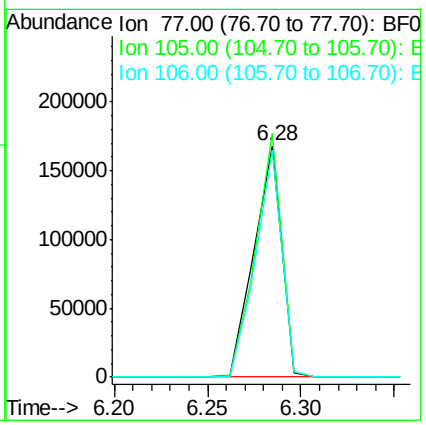


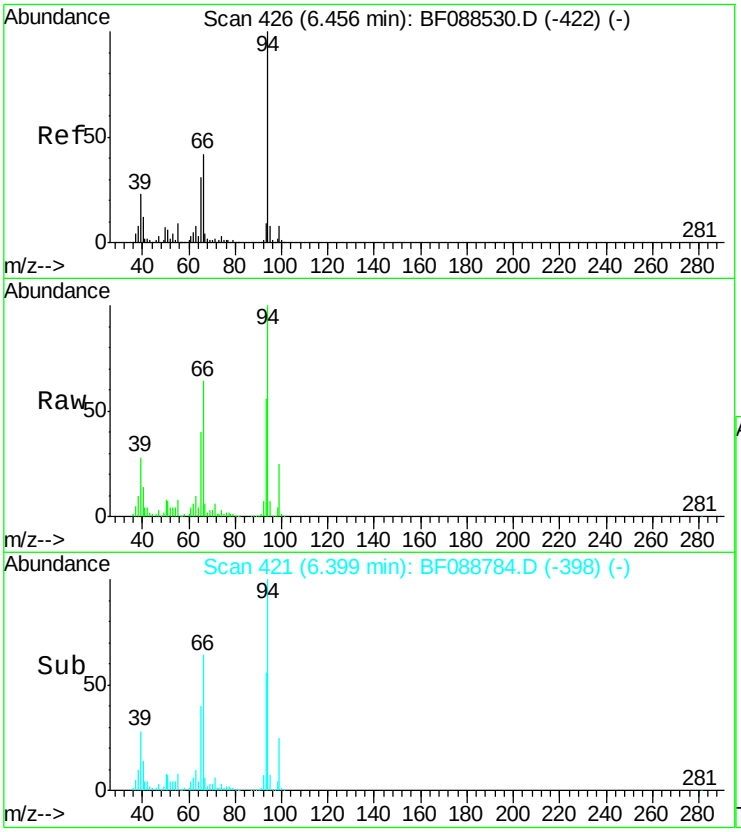


#9
Benzaldehyde
Concen: 31.81 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 77 Resp: 171632

Ion	Ratio	Lower	Upper
77	100		
105	105.2	90.6	130.6
106	98.1	85.3	125.3



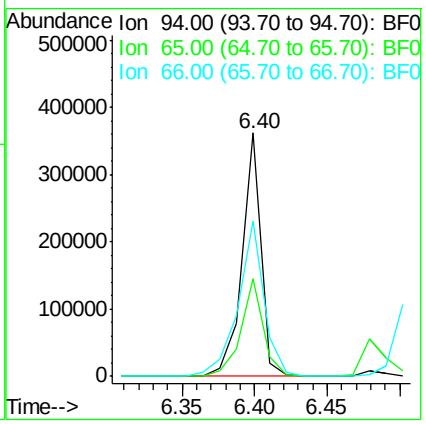


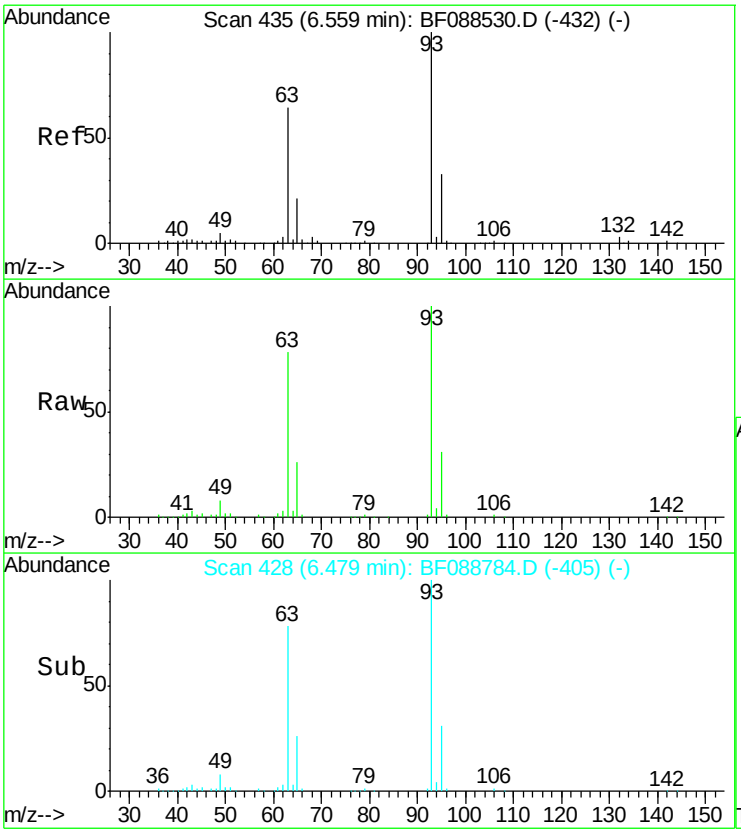
#10
Phenol
Concen: 35.95 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion: 94 Resp: 326794

Ion	Ratio	Lower	Upper
94	100		
65	40.3	5.9	45.9
66	63.8	14.0	54.0#

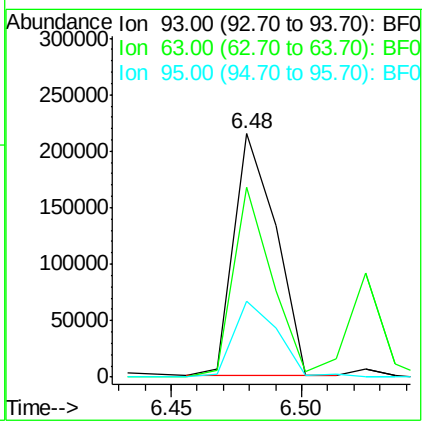


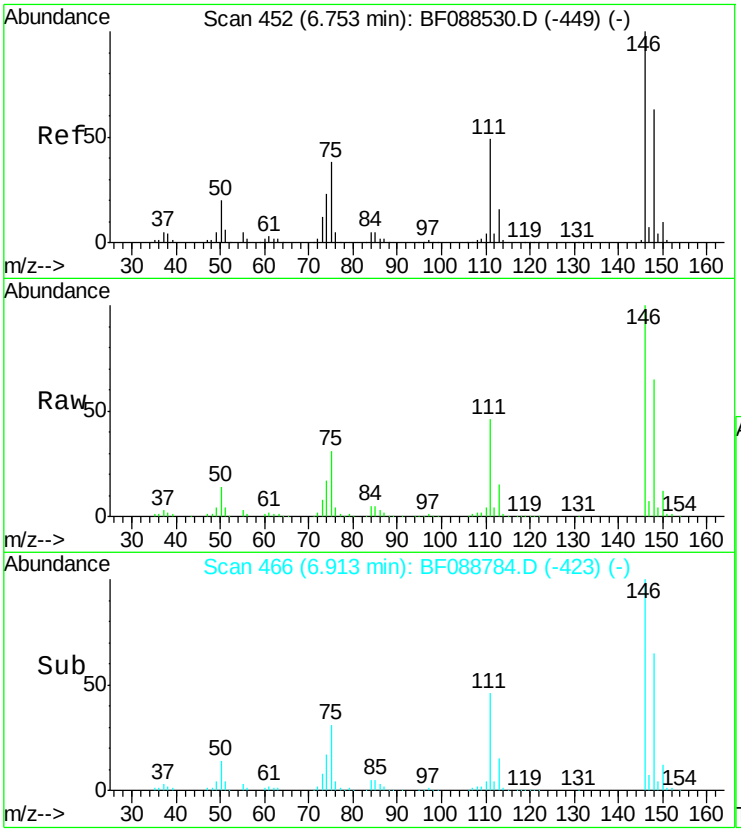


#11
bis(2-Chloroethyl)ether
Concen: 35.59 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 93 Resp: 241256

Ion	Ratio	Lower	Upper
93	100		
63	77.9	67.6	107.6
95	31.3	12.5	52.5



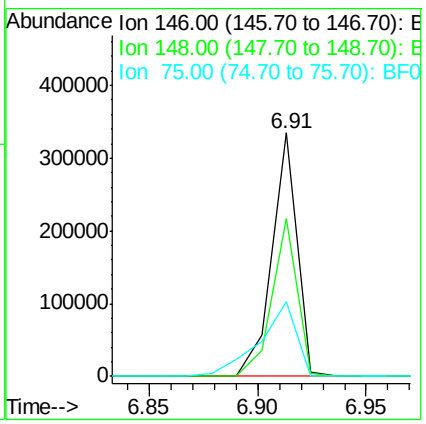


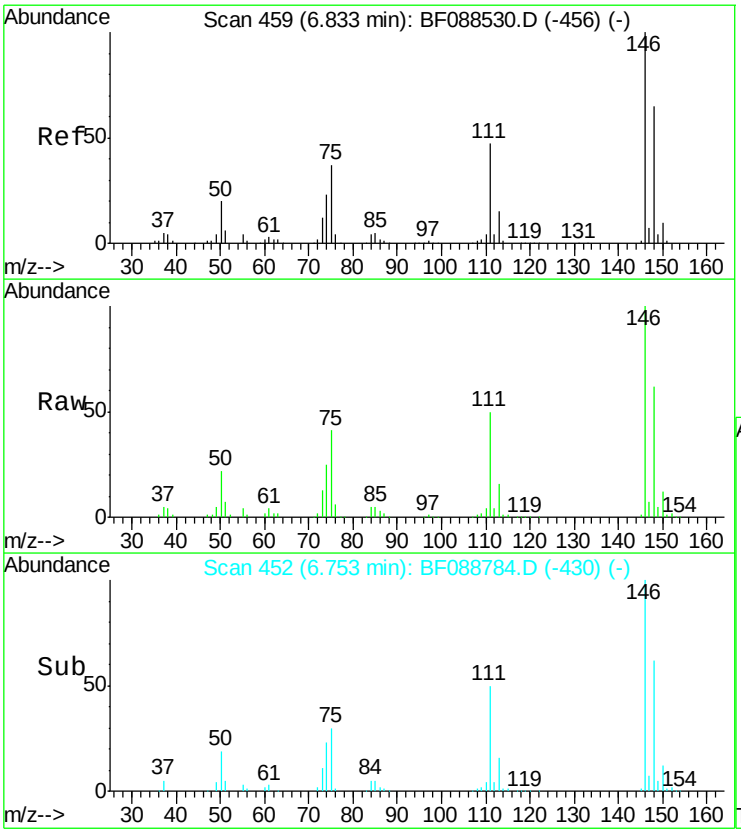
#12
1,3-Dichlorobenzene
Concen: 37.52 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.19 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:146 Resp: 273519

Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.9	76.3
75	30.8	25.6	38.4

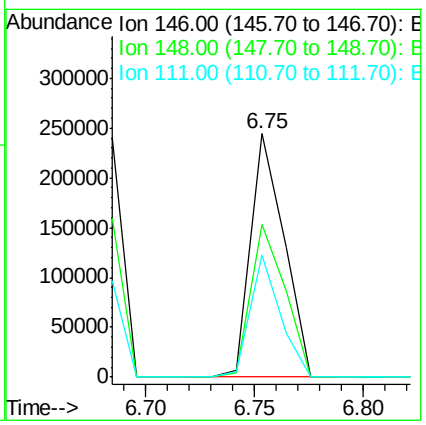


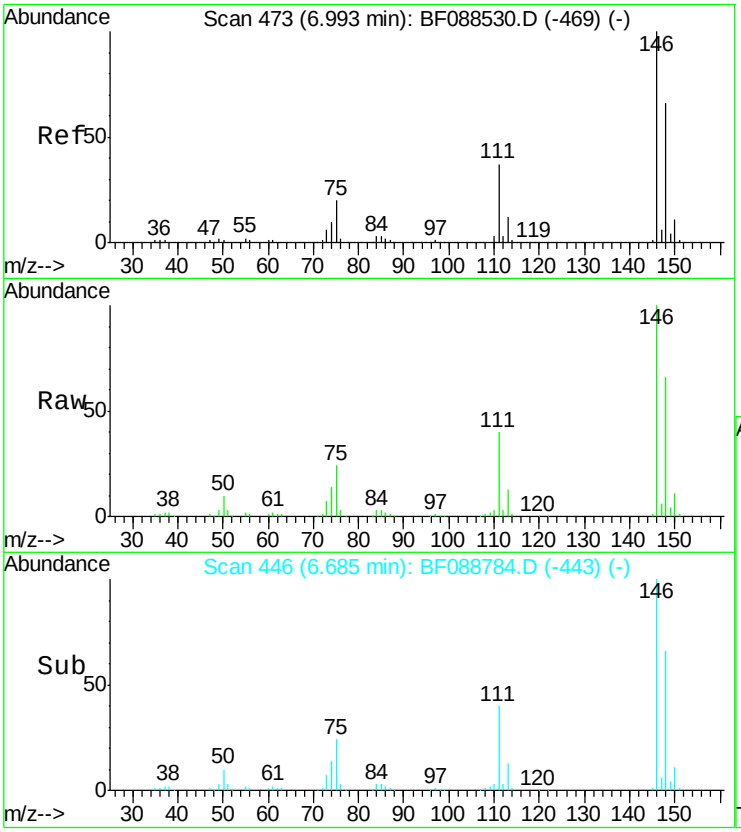


#13
1,4-Dichlorobenzene
Concen: 36.10 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:146 Resp: 261252

Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
111	50.0	33.8	50.8



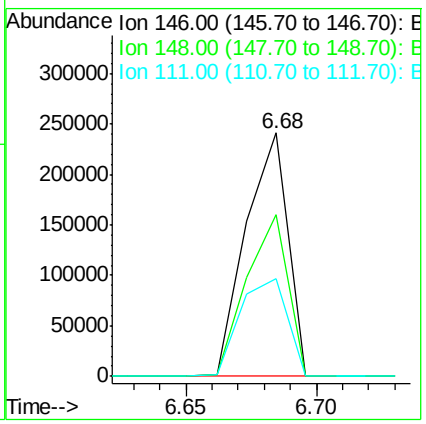


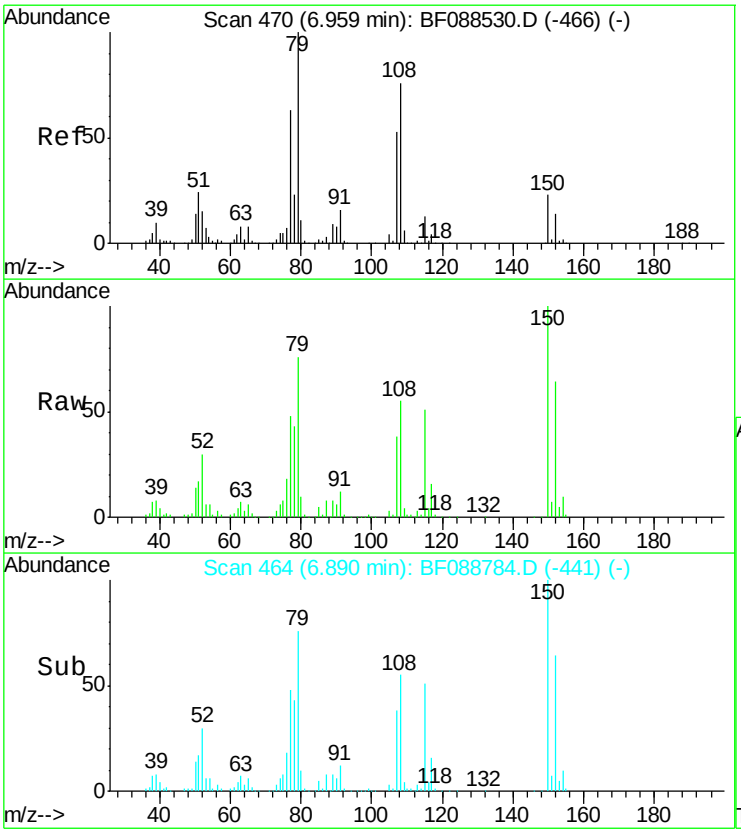
#14
1,2-Dichlorobenzene
Concen: 40.24 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.26 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:146 Resp: 272579

Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.3	78.5
111	40.3	28.7	43.1

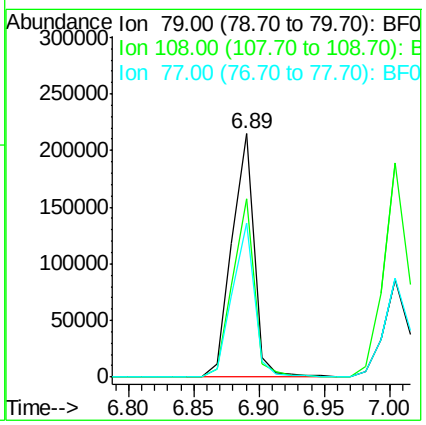


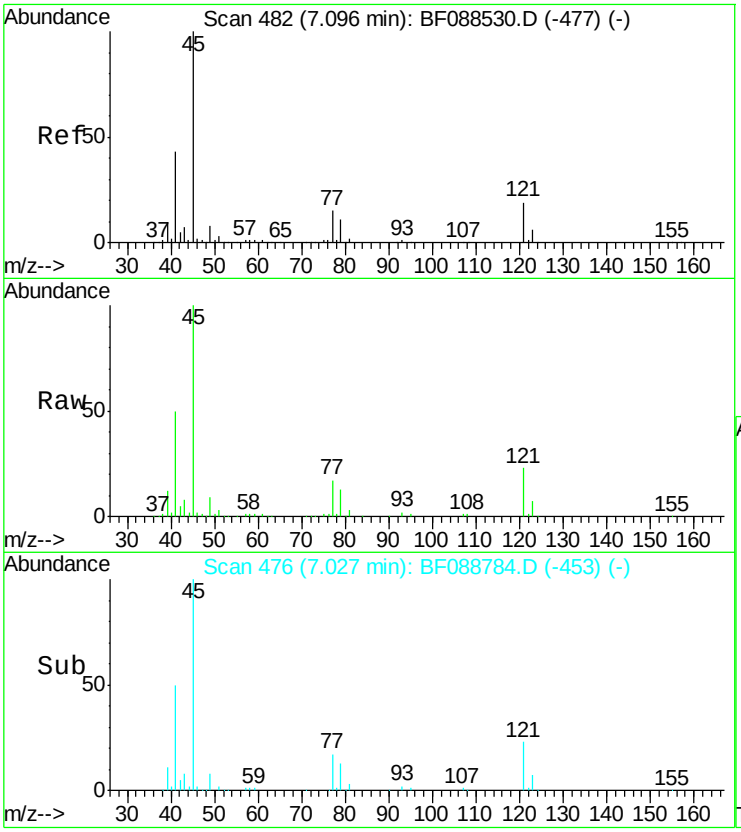


#15
Benzyl Alcohol
Concen: 43.38 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 79 Resp: 254304

Ion	Ratio	Lower	Upper
79	100		
108	73.2	65.0	97.6
77	63.5	50.3	75.5



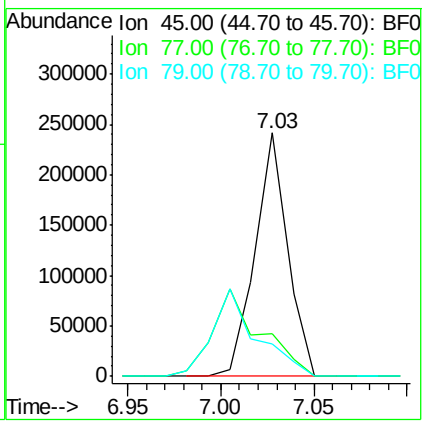


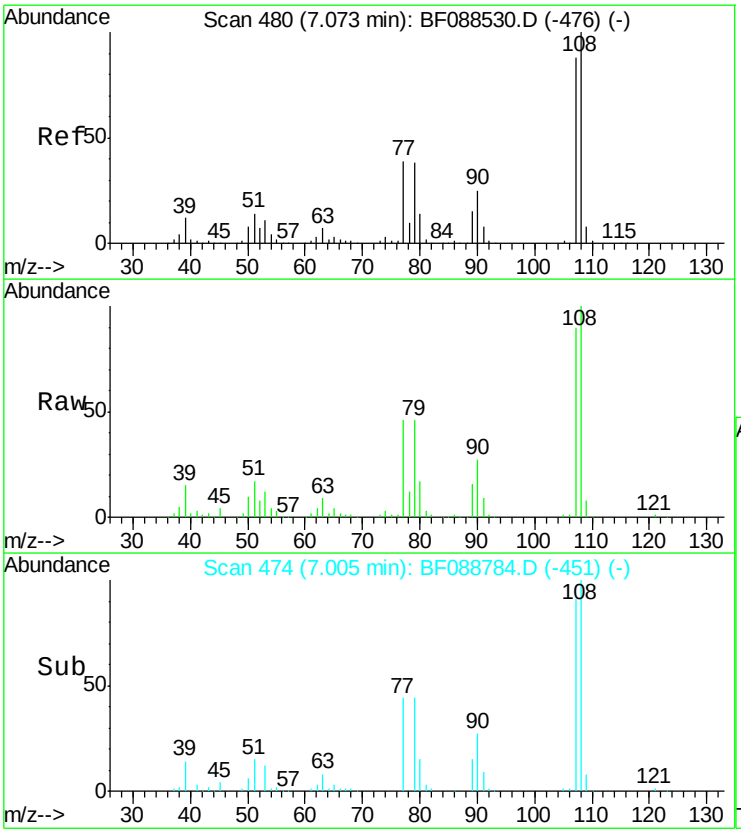
#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.63 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion: 45 Resp: 290830

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	32.5
79	13.5	0.0	29.5

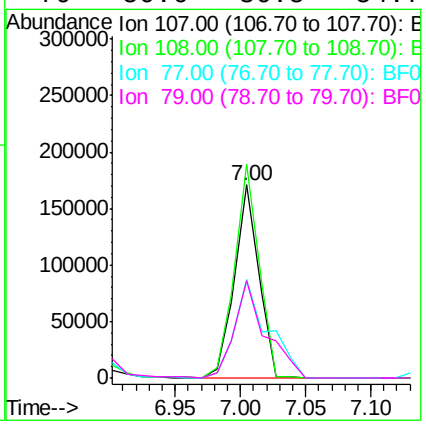


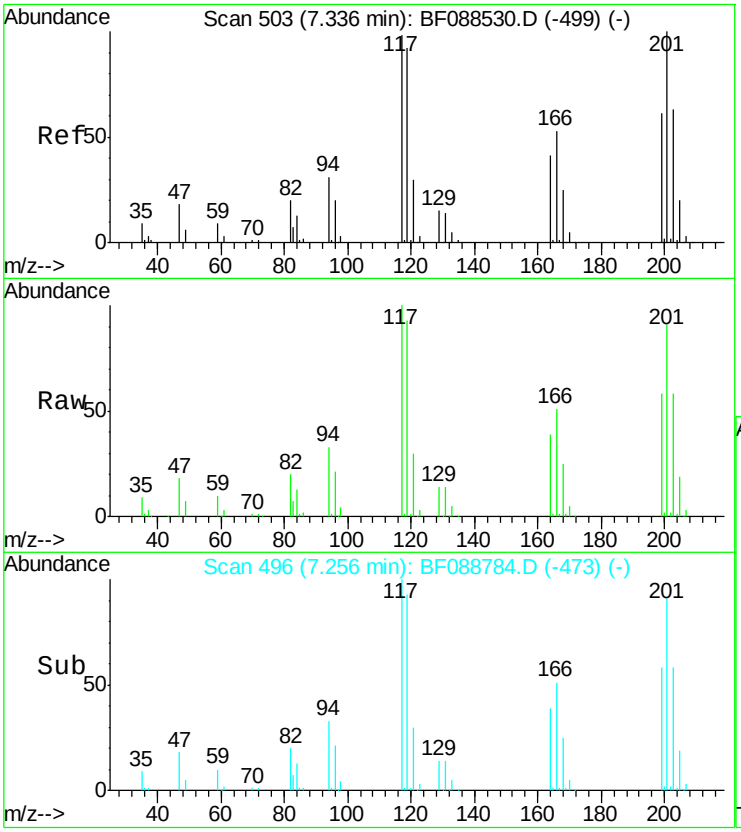


#17
2-Methylphenol
Concen: 40.84 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:107 Resp: 220728

Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.9	136.3
77	51.1	36.6	55.0
79	50.6	36.5	54.7



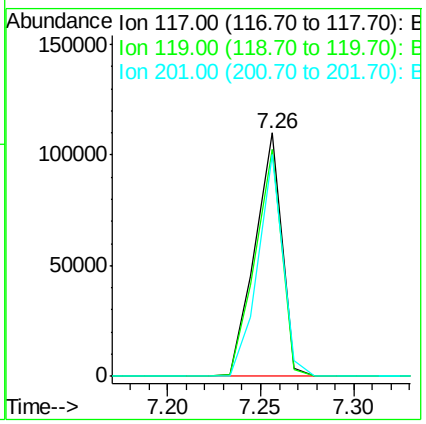


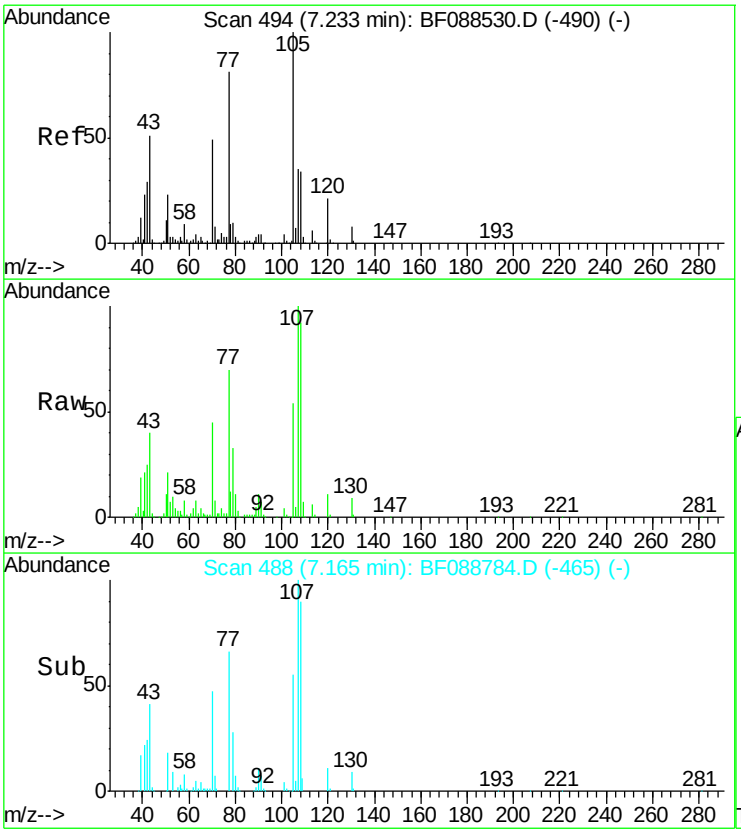
#18
Hexachloroethane
Concen: 39.04 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:117 Resp: 109288

Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.4	116.2
201	91.3	80.4	120.6

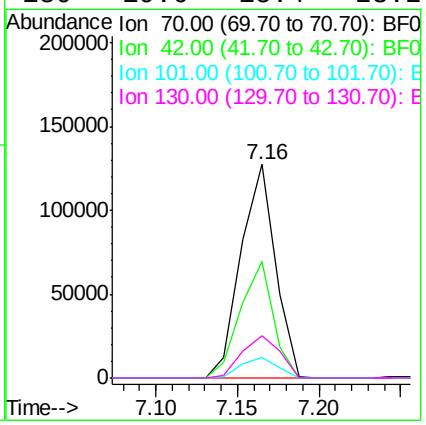


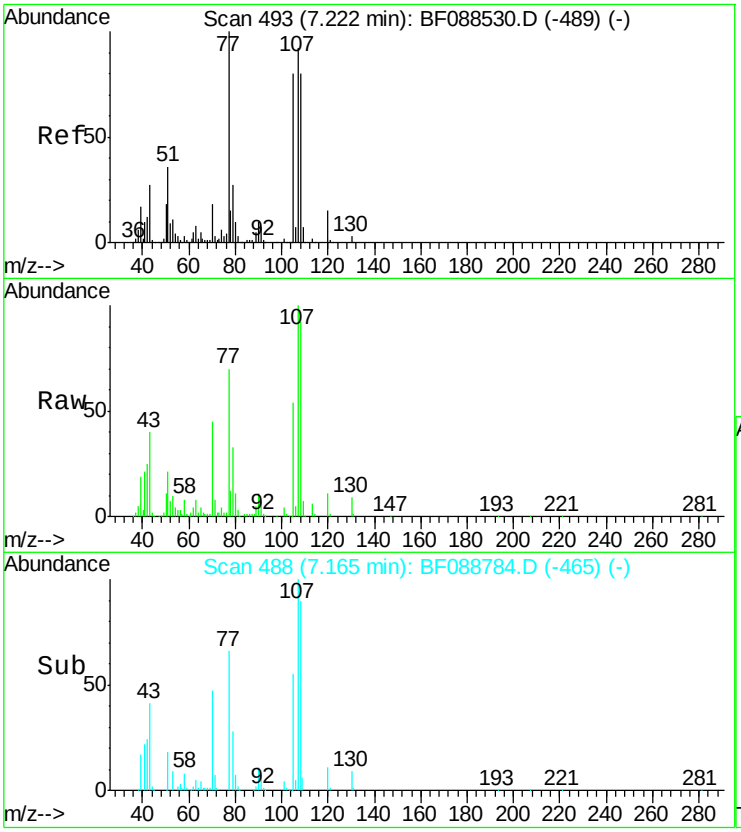


#19
n-Nitroso-di-n-propylamine
Concen: 34.93 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 70 Resp: 186899

Ion	Ratio	Lower	Upper
70	100		
42	54.7	49.6	74.4
101	9.5	7.1	10.7
130	19.6	15.4	23.2



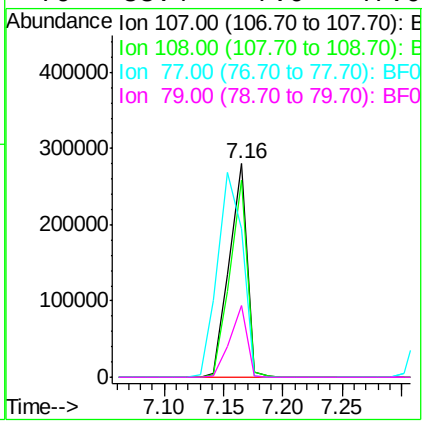


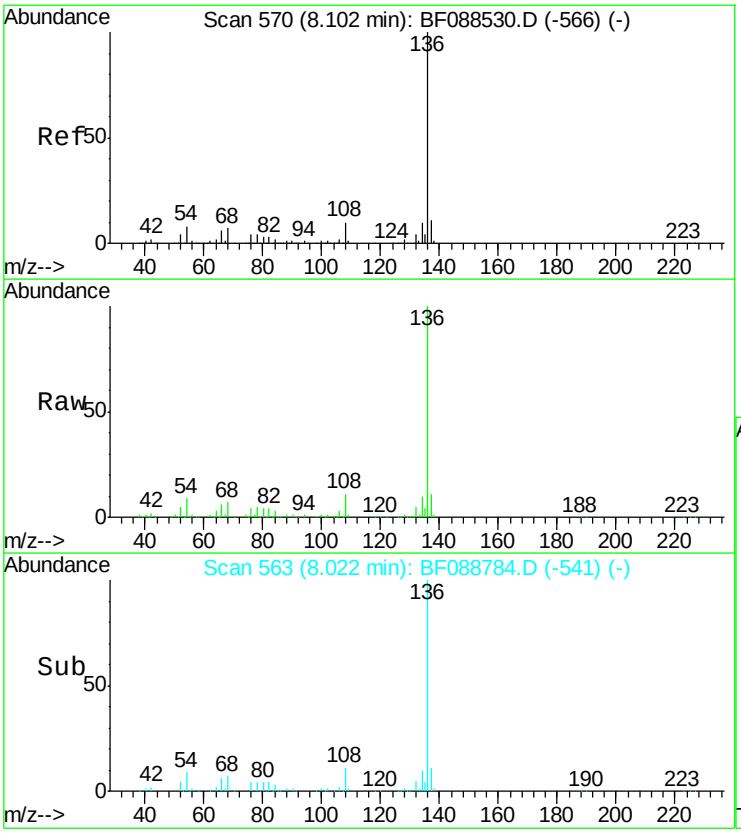
#20
3+4-Methylphenols
Concen: 45.38 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:107 Resp: 294352

Ion	Ratio	Lower	Upper
107	100		
108	92.1	67.8	107.8
77	69.7	59.3	99.3
79	33.4	7.0	47.0

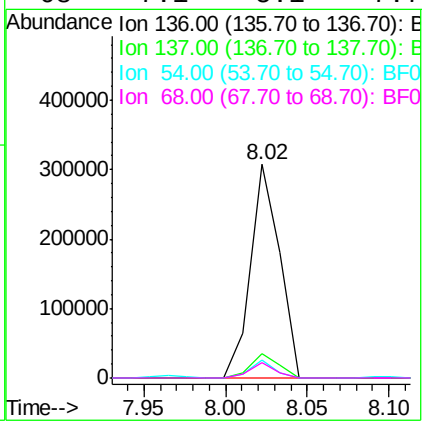


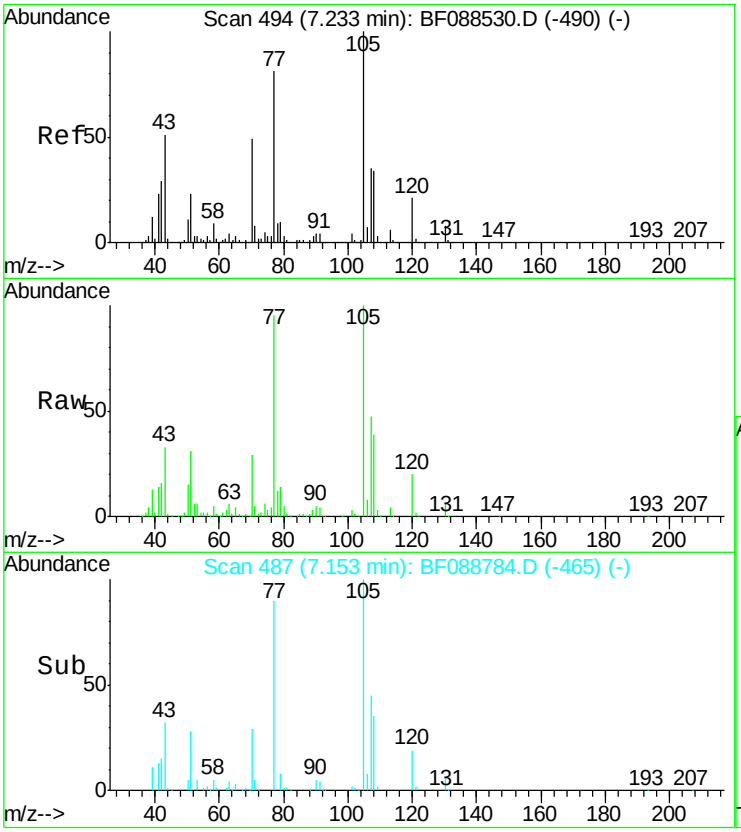


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:136 Resp: 379399

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.6	6.6	10.0
68	7.1	5.1	7.7



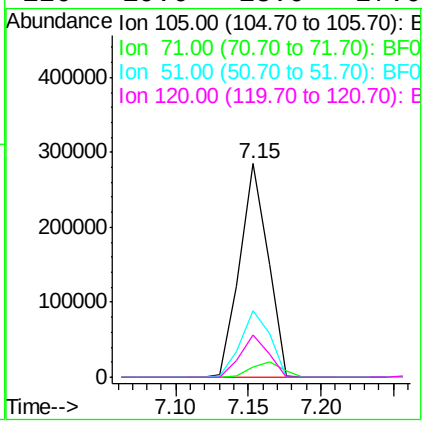


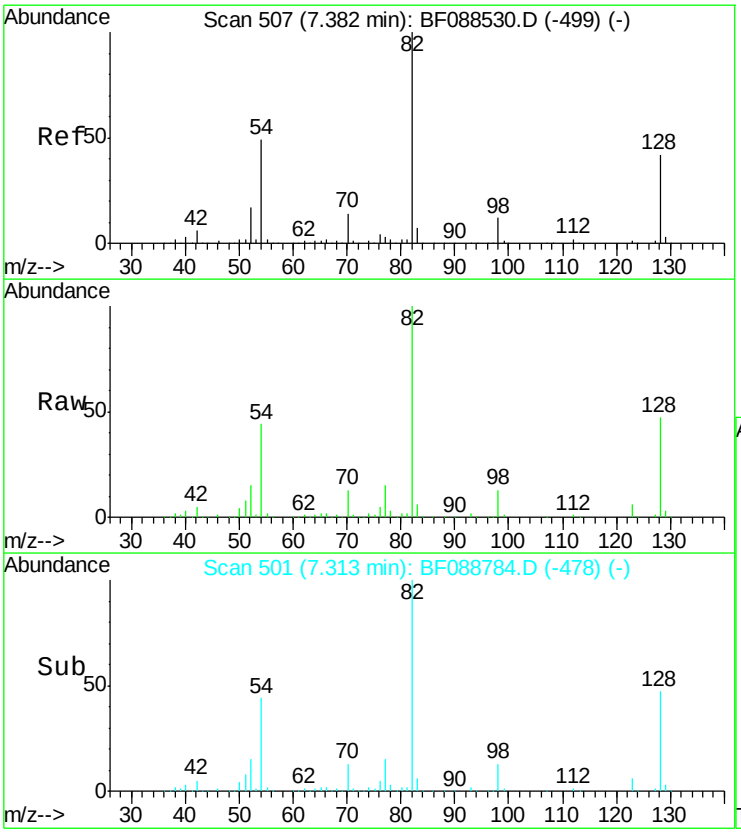
#22
Acetophenone
Concen: 41.90 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:105 Resp: 385843

Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.3	7.9#
51	31.2	18.2	27.4#
120	19.6	18.0	27.0

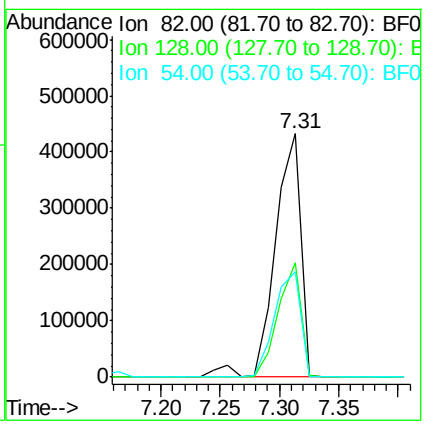


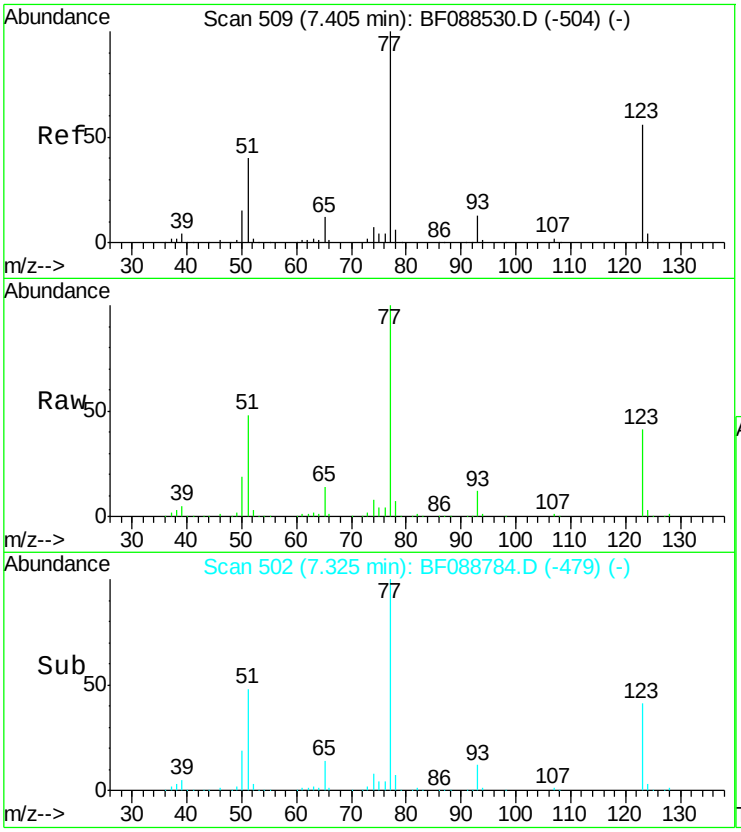


#23
Nitrobenzene-d5
Concen: 88.55 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 82 Resp: 641104

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.9	53.9
54	43.5	40.9	61.3



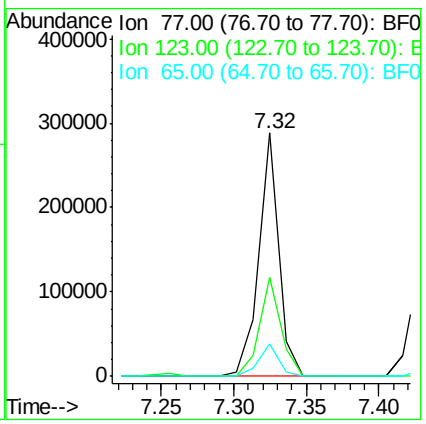


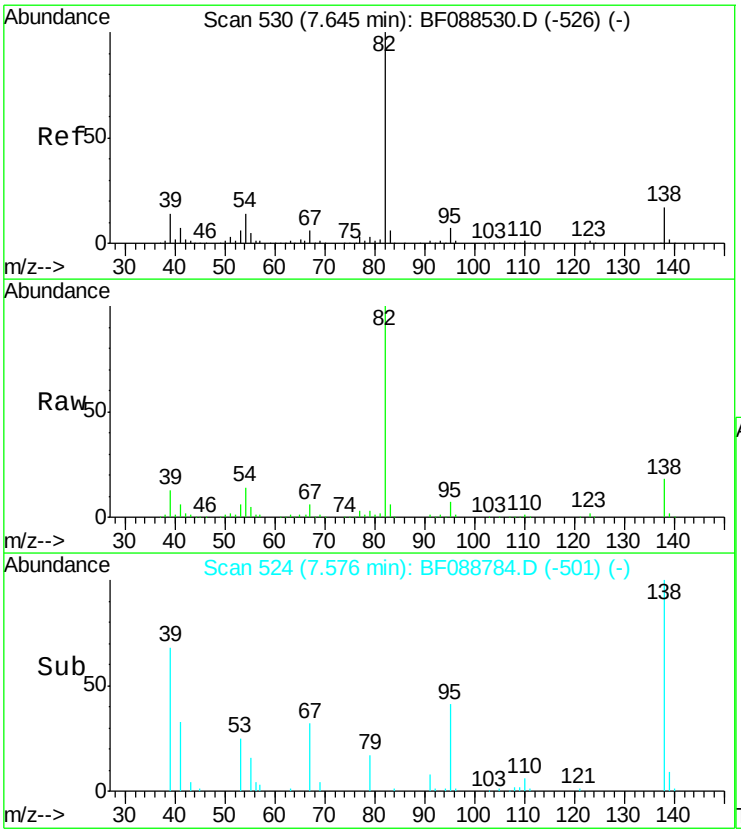
#24
Nitrobenzene
Concen: 37.91 ng
RT: 7.32 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion: 77 Resp: 276724

Ion	Ratio	Lower	Upper
77	100		
123	40.9	45.0	67.4#
65	13.5	10.2	15.2

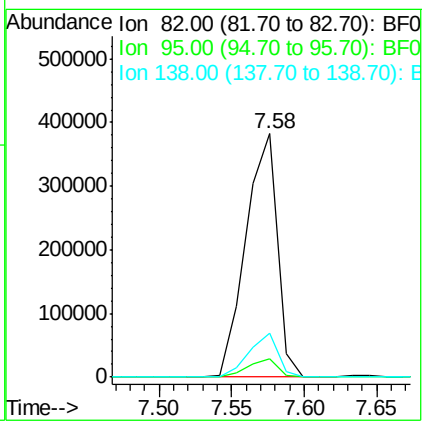


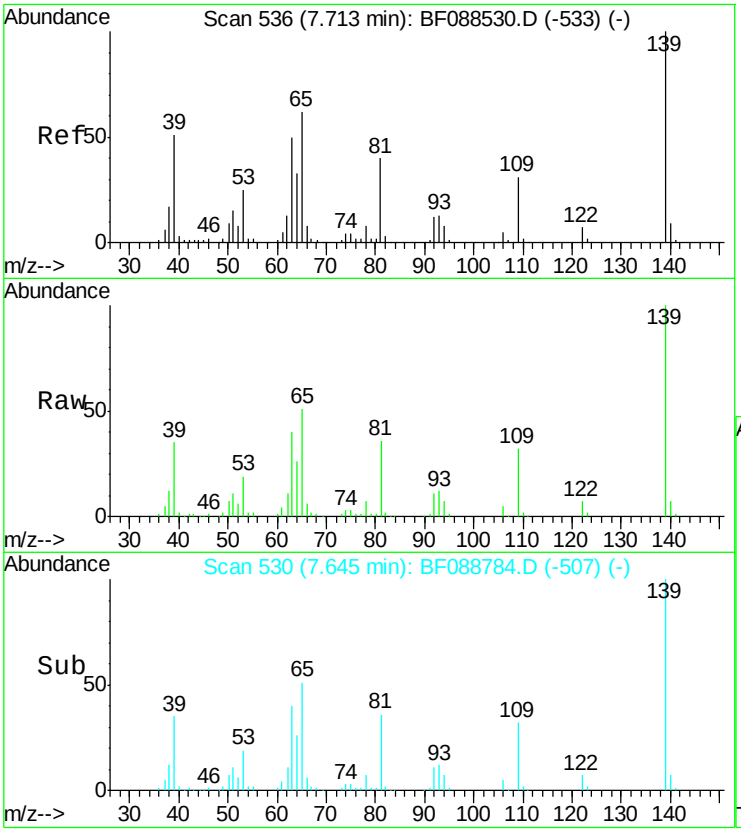


#25
Isophorone
Concen: 42.75 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 82 Resp: 573306

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.4	8.2
138	18.0	14.6	21.8



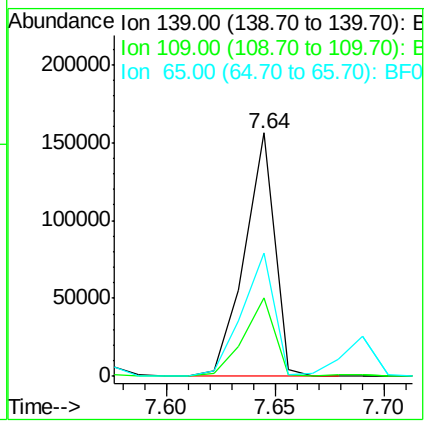


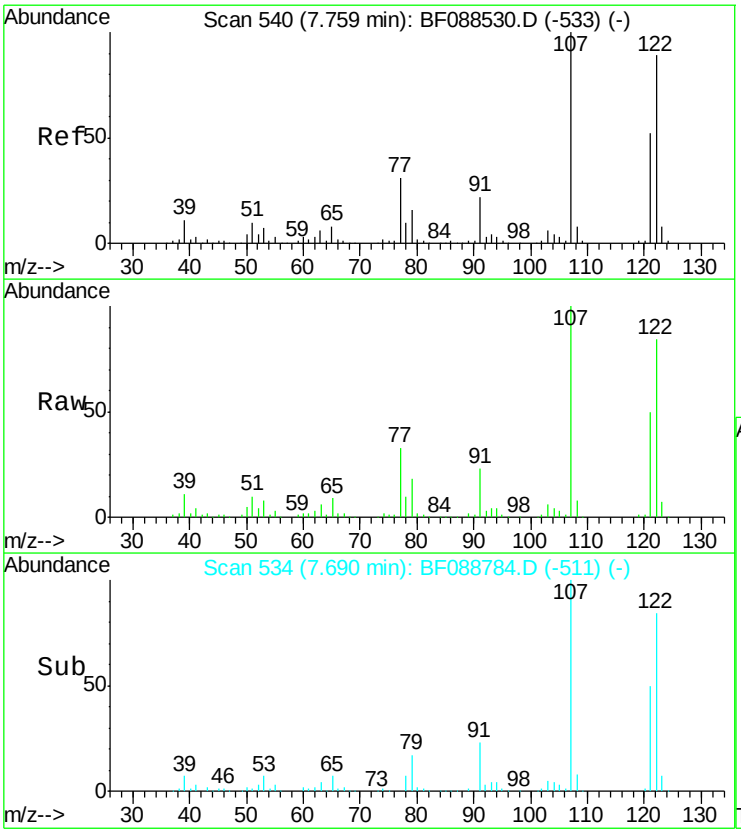
#26
2-Nitrophenol
Concen: 50.43 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:139 Resp: 150963

Ion	Ratio	Lower	Upper
139	100		
109	32.2	23.0	34.4
65	50.8	45.8	68.8

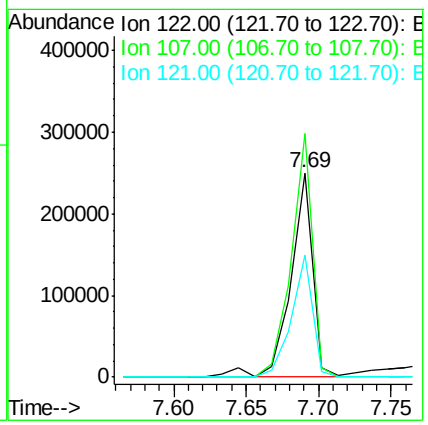


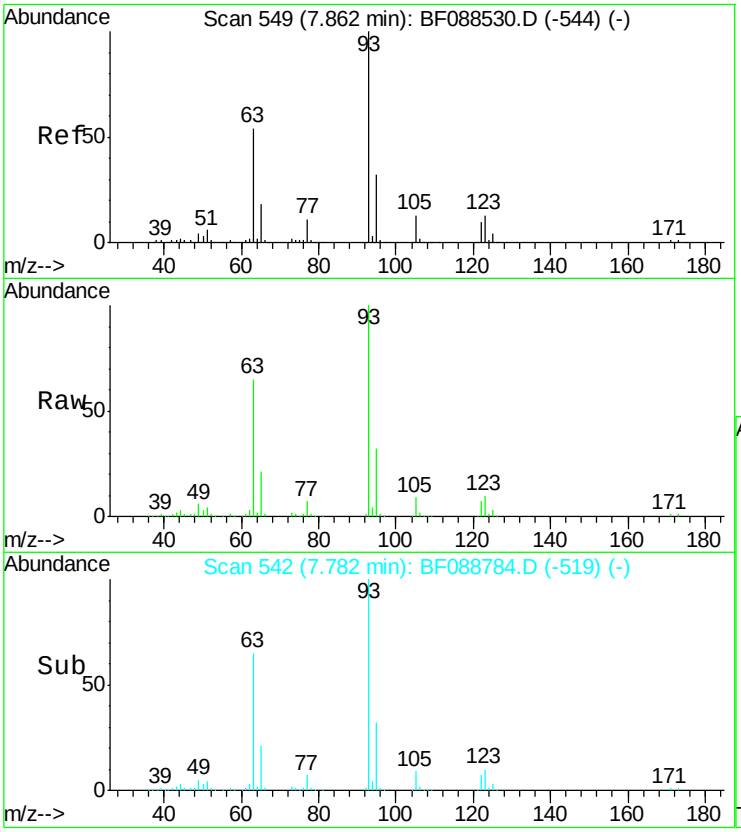


#27
2,4-Dimethylphenol
Concen: 42.22 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:122 Resp: 263247

Ion	Ratio	Lower	Upper
122	100		
107	119.3	82.4	123.6
121	60.0	46.3	69.5



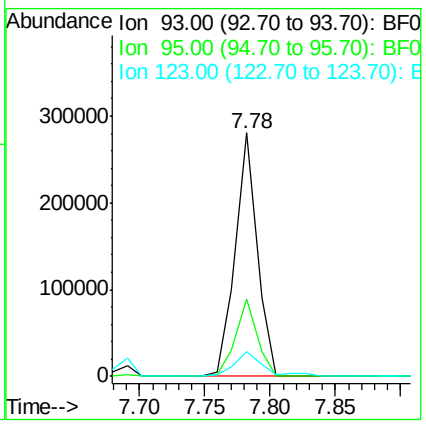


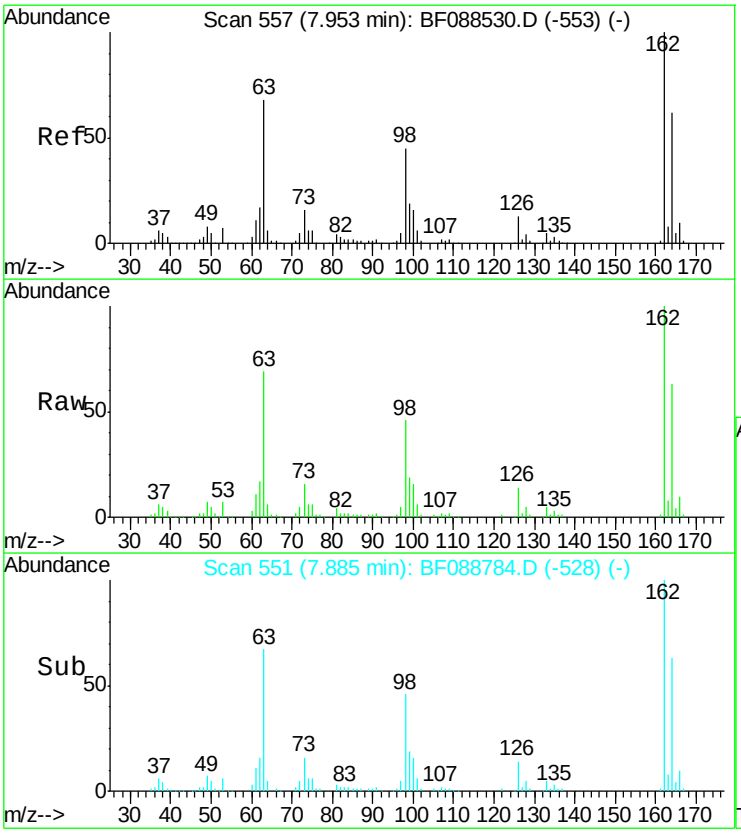
#28
bis(2-Chloroethoxy)methane
Concen: 37.50 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion: 93 Resp: 327258

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	10.1	11.6	17.4#

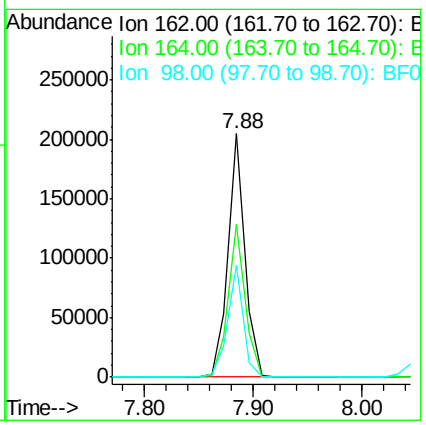


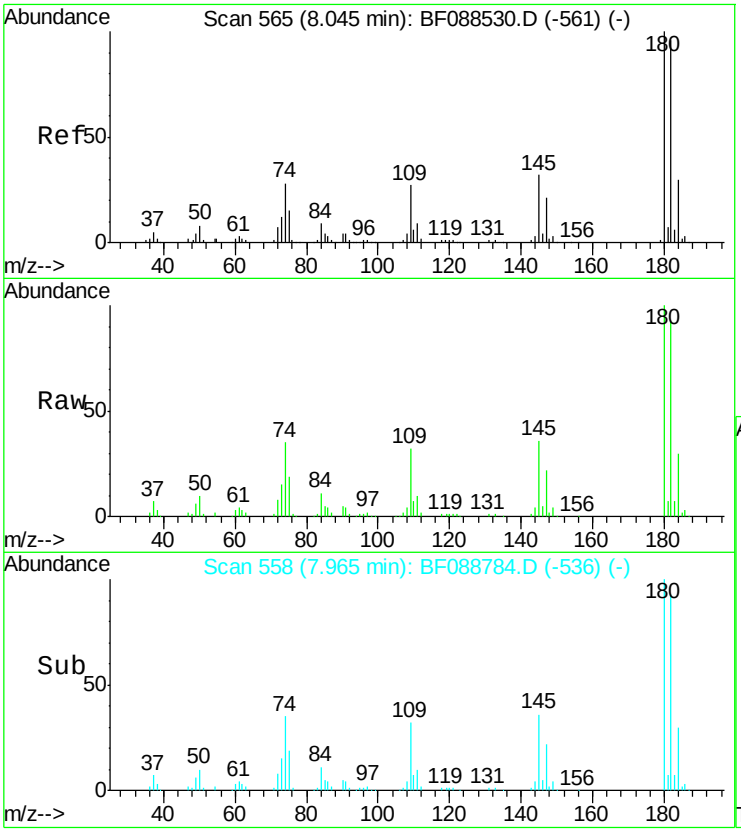


#29
2,4-Dichlorophenol
Concen: 43.45 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:162 Resp: 218912

Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.8	83.8
98	46.1	21.3	61.3



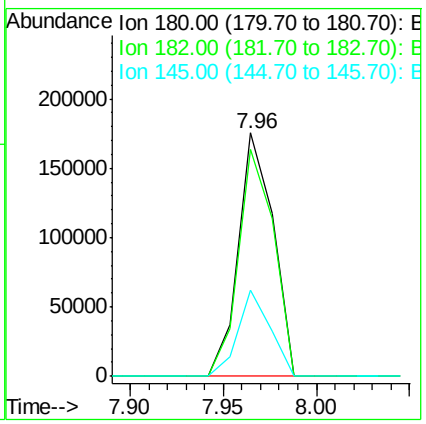


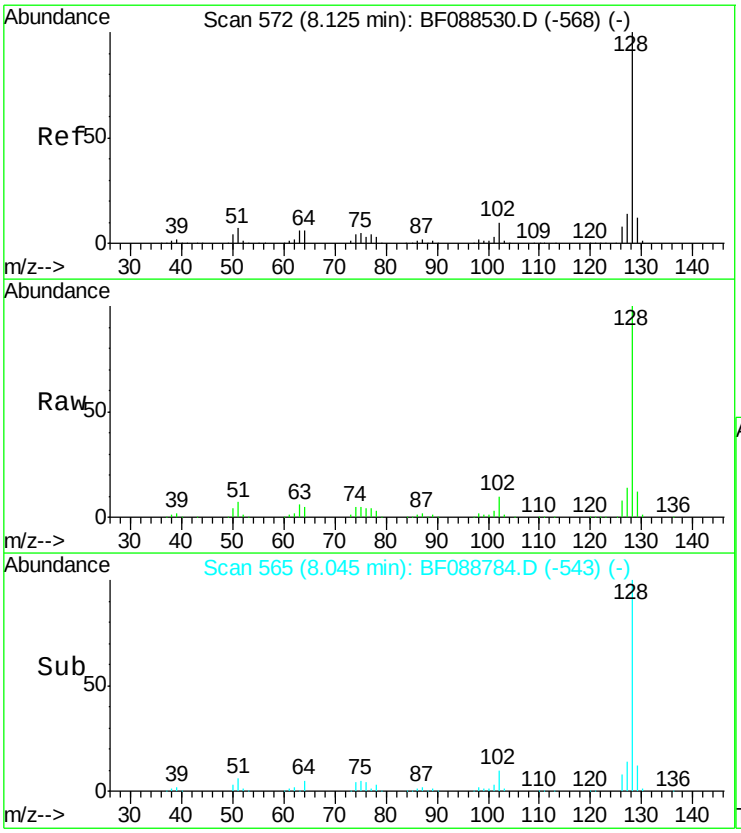
#30
1,2,4-Trichlorobenzene
Concen: 41.06 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.05 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:180 Resp: 227048

Ion	Ratio	Lower	Upper
180	100		
182	93.0	76.0	114.0
145	35.5	26.5	39.7

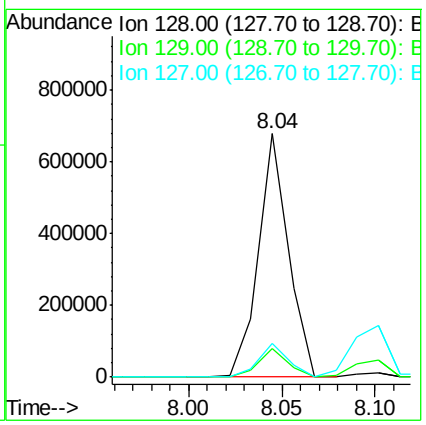


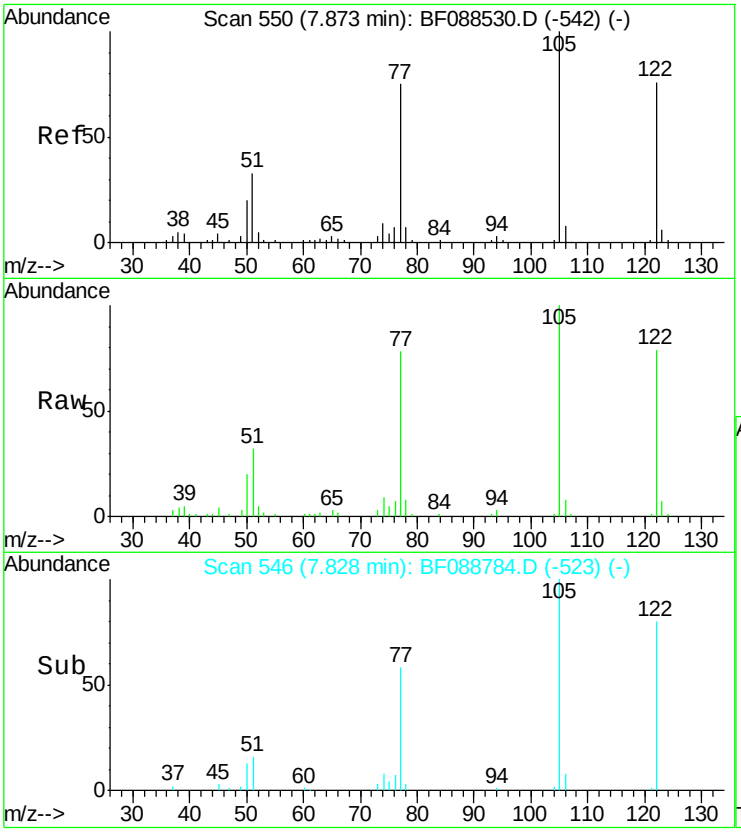


#31
Naphthalene
Concen: 40.09 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:128 Resp: 749774

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.6	10.9	16.3



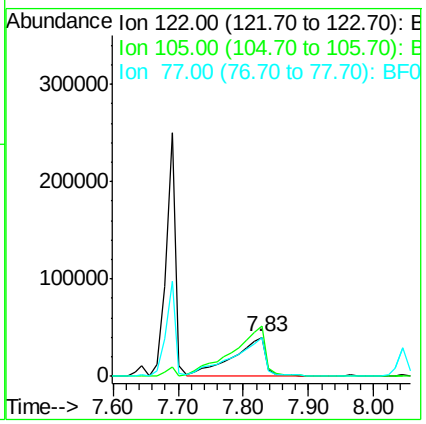


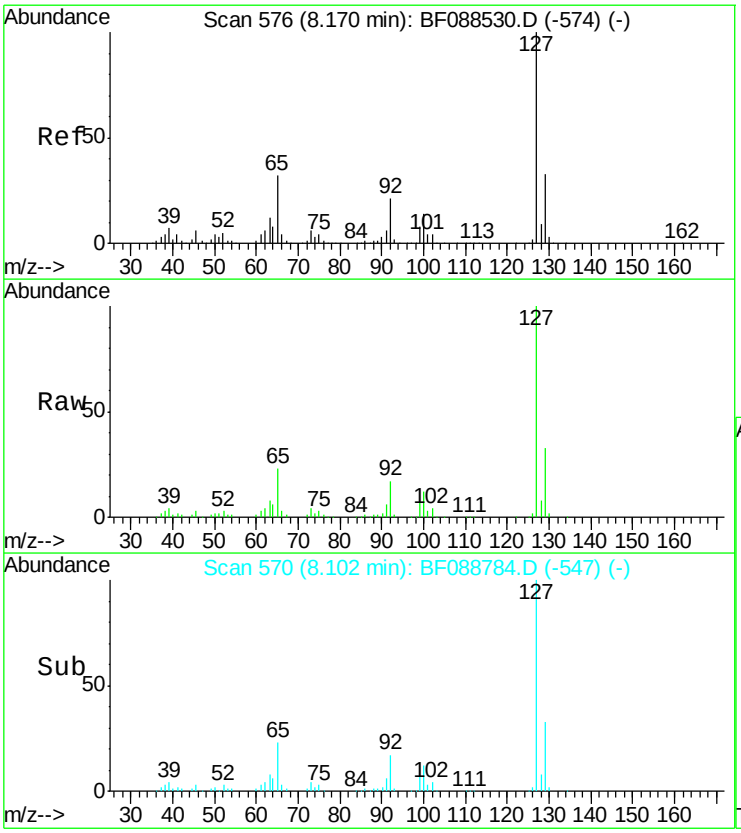
#32
Benzoic acid
Concen: 31.25 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:122 Resp: 141474

Ion	Ratio	Lower	Upper
122	100		
105	127.3	101.6	141.6
77	99.0	70.6	110.6

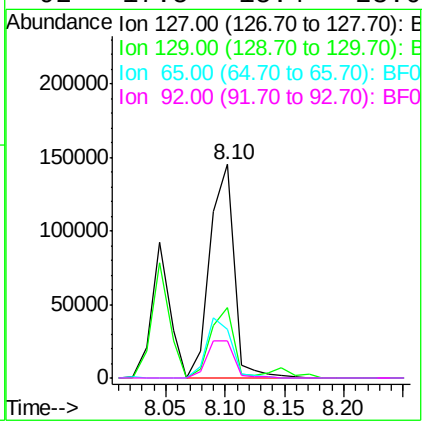


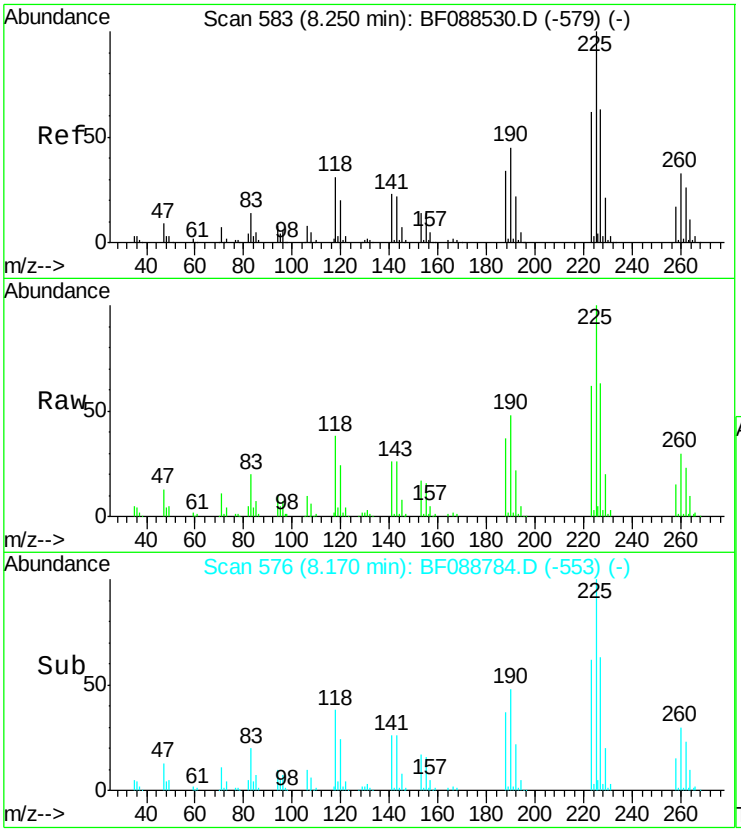


#33
4-Chloroaniline
Concen: 24.37 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:127 Resp: 202841

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	22.9	24.7	37.1#
92	17.5	15.4	23.0



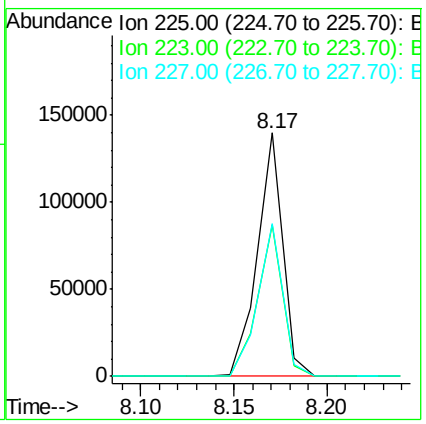


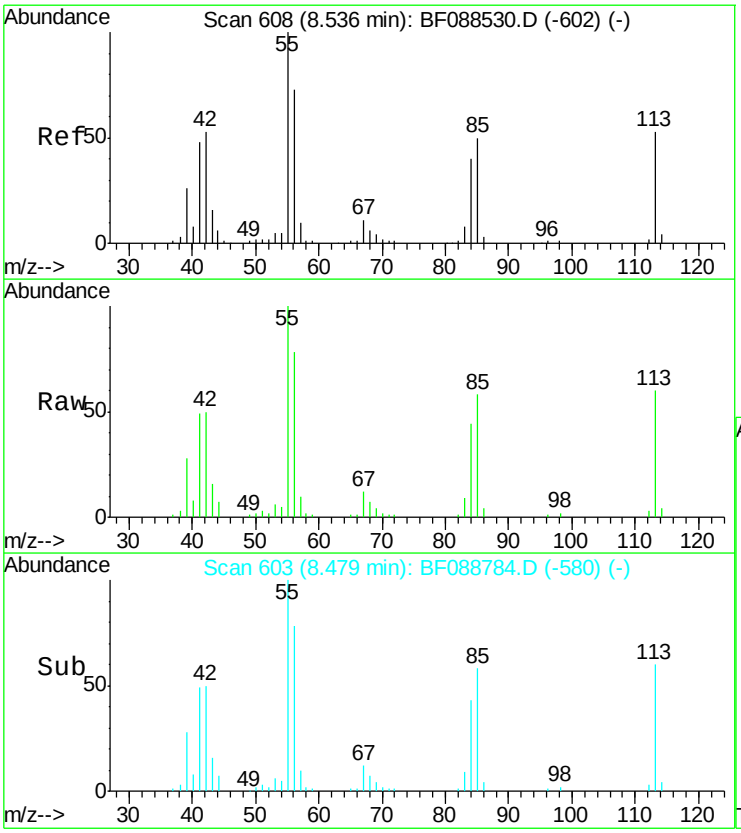
#34
Hexachlorobutadiene
Concen: 44.06 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:225 Resp: 130445

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	62.9	51.9	77.9

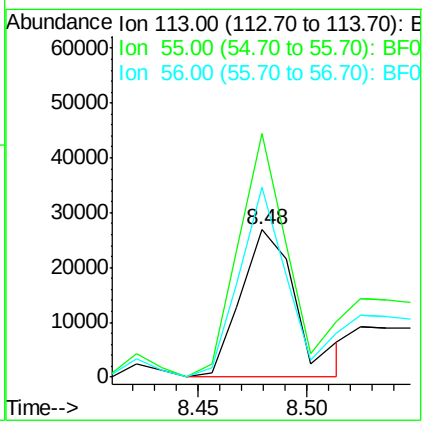


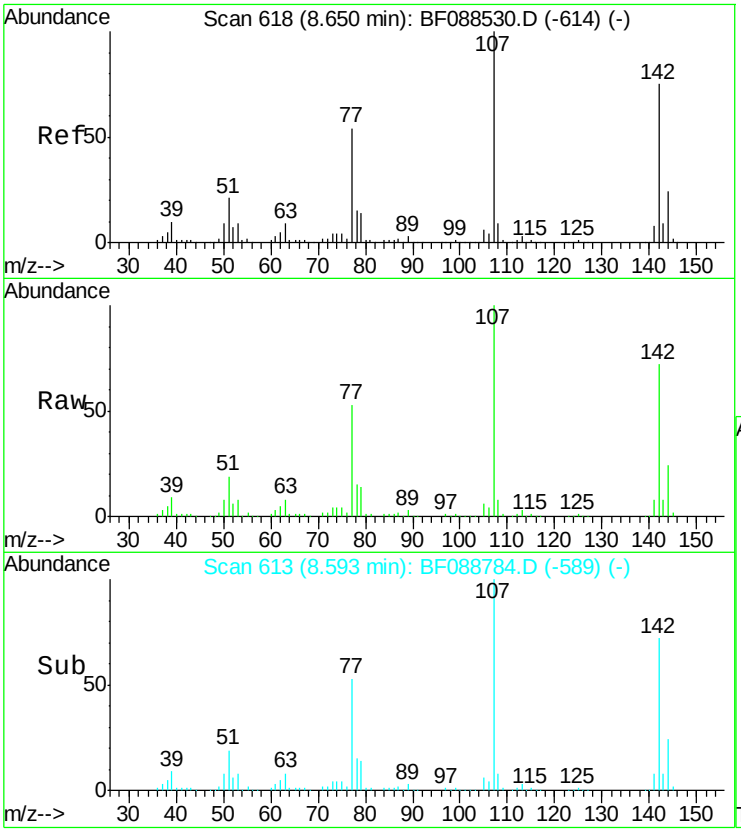


#35
Caprolactam
Concen: 28.32 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:113 Resp: 48470

Ion	Ratio	Lower	Upper
113	100		
55	165.6	158.6	198.6
56	129.0	110.6	150.6



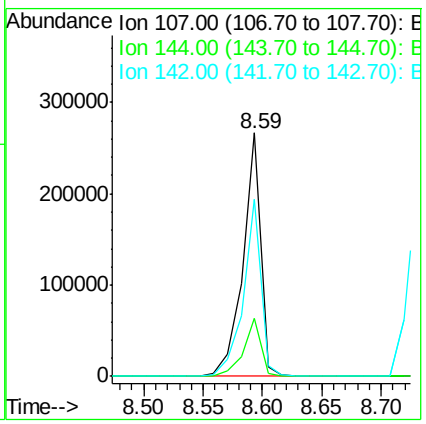


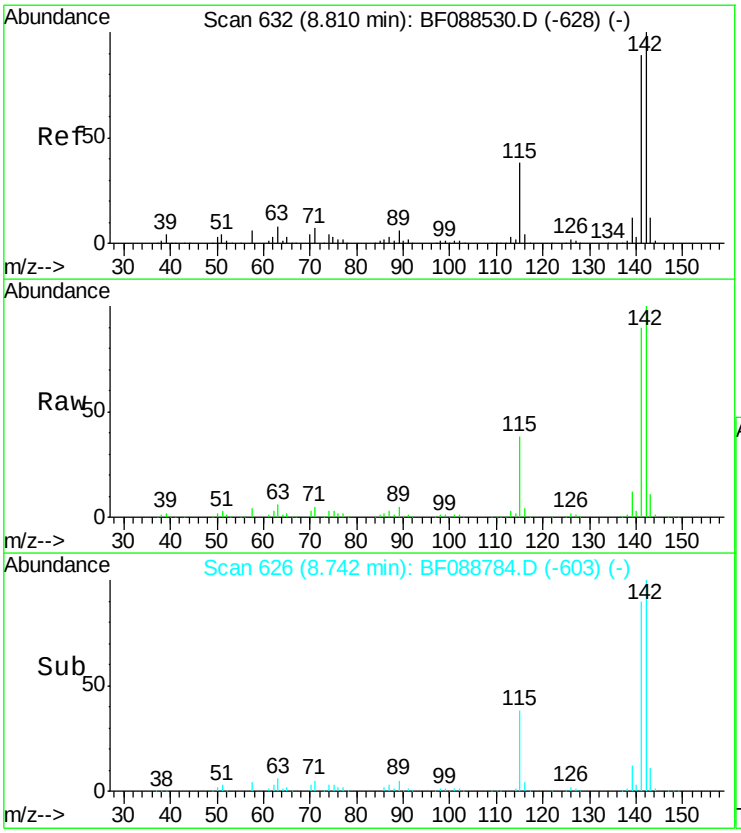
#36
4-Chloro-3-methylphenol
Concen: 47.11 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:107 Resp: 280714

Ion	Ratio	Lower	Upper
107	100		
144	23.7	20.8	31.2
142	72.5	63.4	95.2

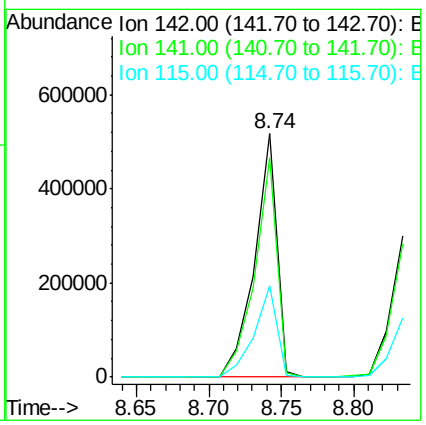


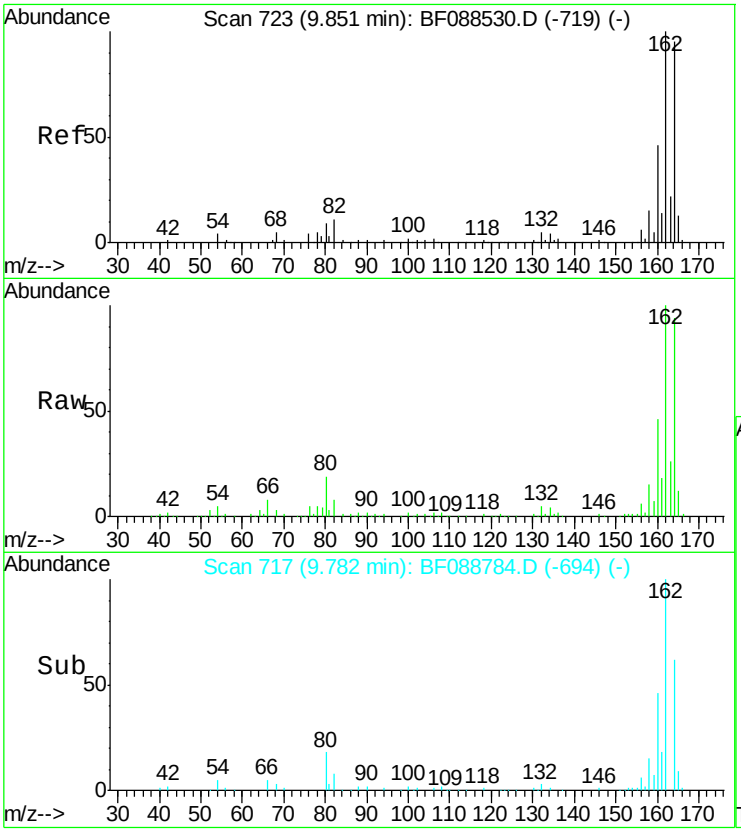


#37
2-Methylnaphthalene
Concen: 45.74 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:142 Resp: 550858

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	37.6	22.6	33.8#



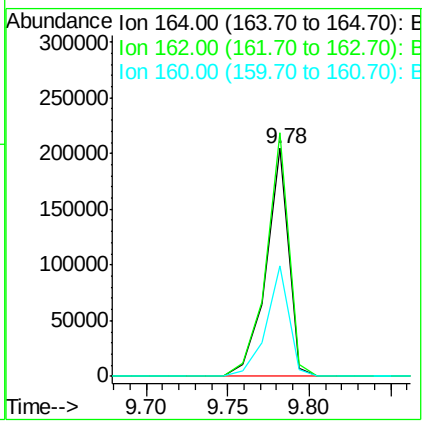


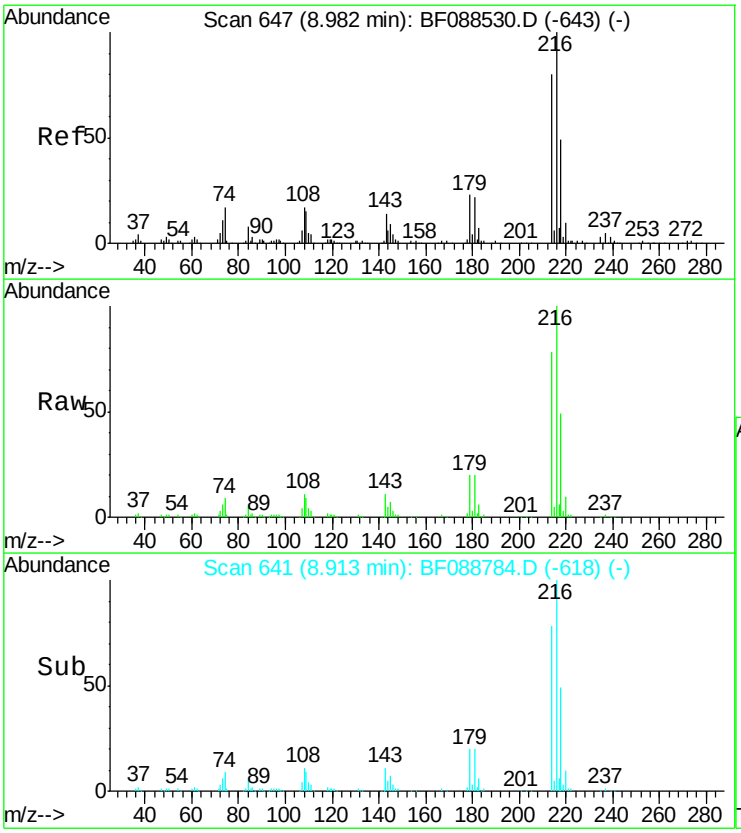
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:164 Resp: 197571

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.4	128.2
160	48.6	39.5	59.3

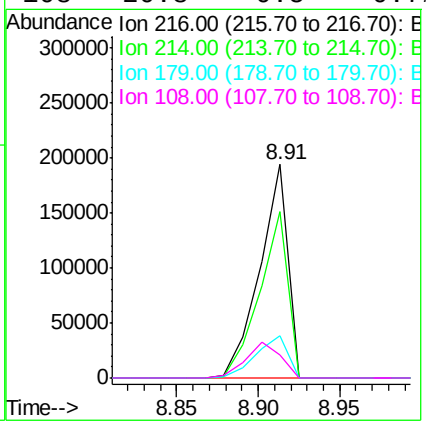


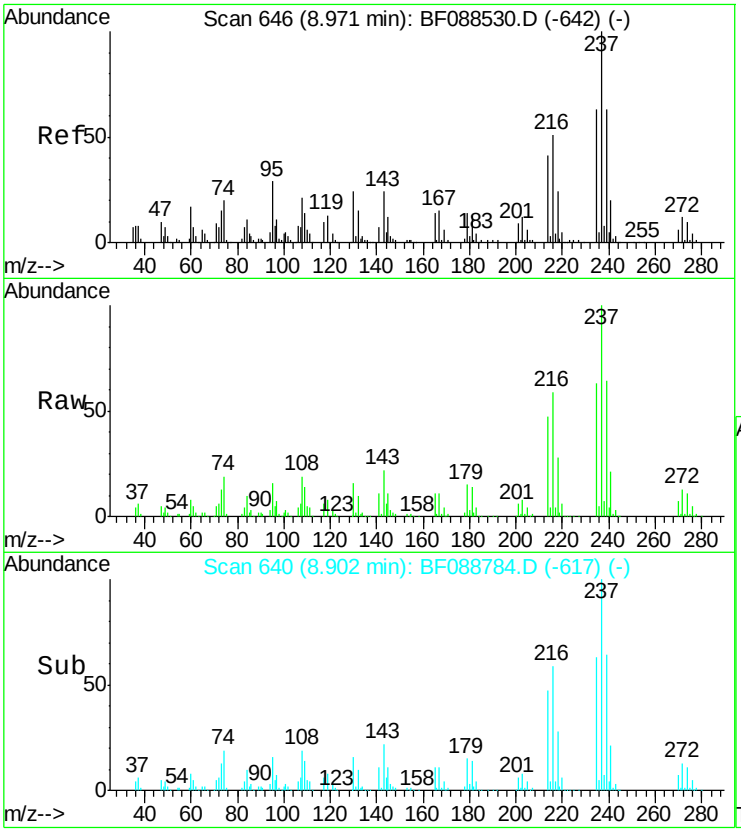


#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.42 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:216 Resp: 232787

Ion	Ratio	Lower	Upper
216	100		
214	78.4	2.9	4.3#
179	22.3	0.0	0.0#
108	20.8	0.5	0.7#



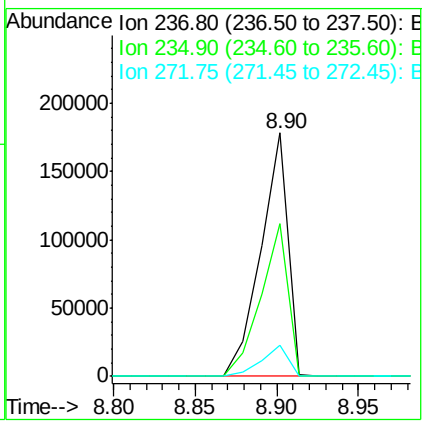


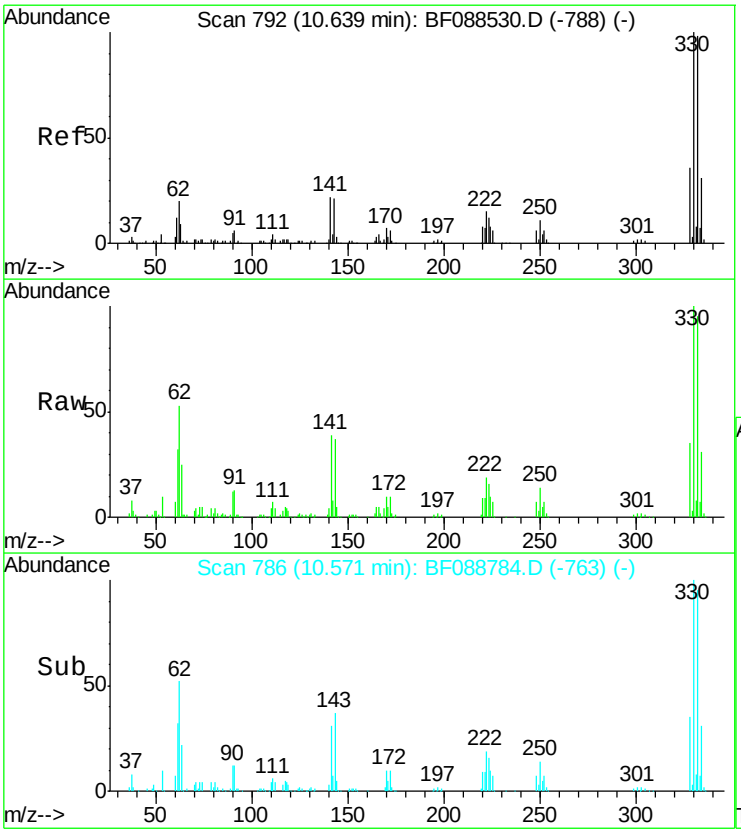
#40
Hexachlorocyclopentadiene
Concen: 64.11 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:237 Resp: 206764

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.4	83.4
272	13.0	0.0	32.3

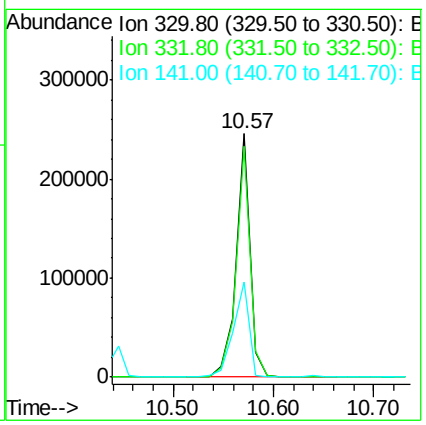


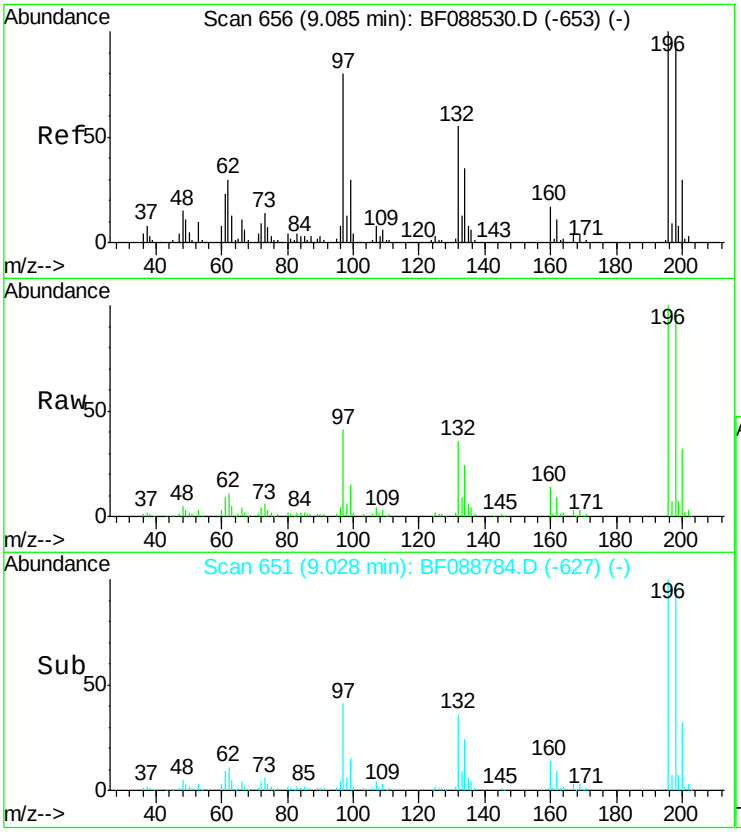


#41
2,4,6-Tribromophenol
Concen: 129.07 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:330 Resp: 236801

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	43.8	0.0	0.0#



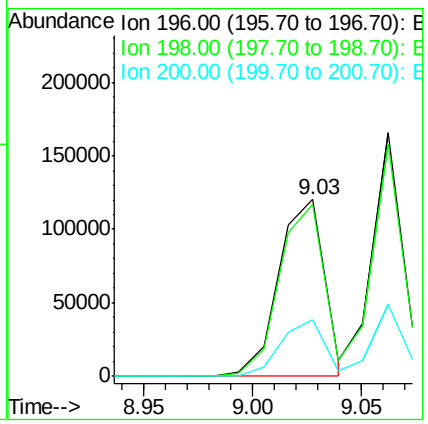


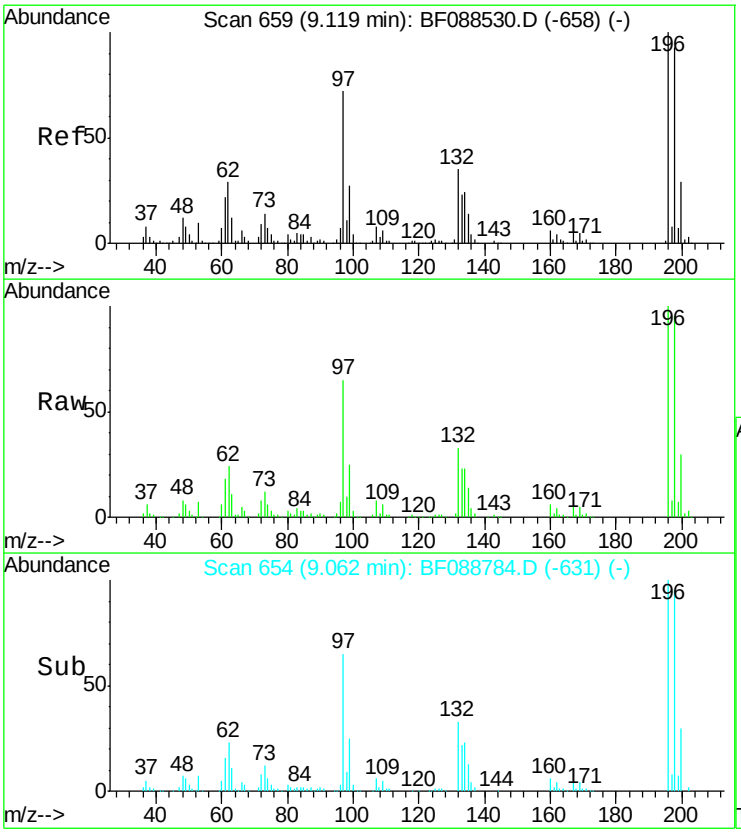
#42
2,4,6-Trichlorophenol
Concen: 40.62 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:196 Resp: 176003

Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.0	117.0
200	31.8	25.4	38.2

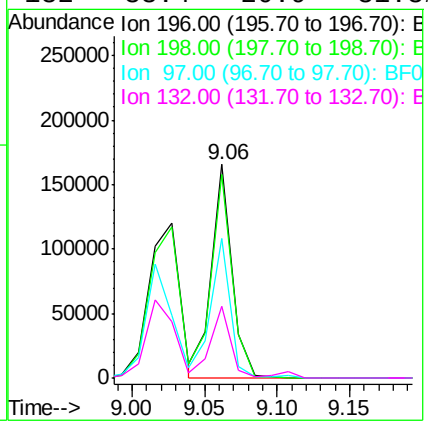


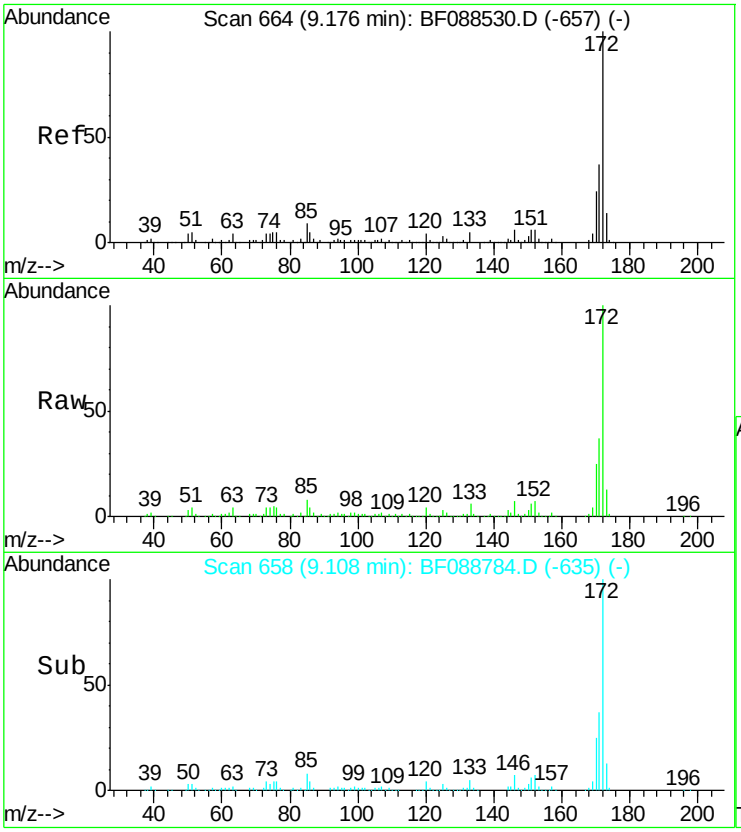


#43
2,4,5-Trichlorophenol
Concen: 43.75 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:196 Resp: 163081

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.5	116.3
97	65.3	32.0	48.0#
132	33.4	20.9	31.3#



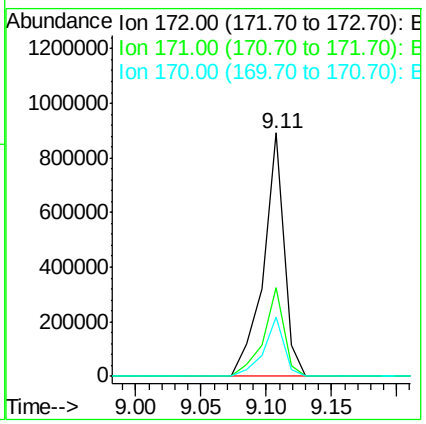


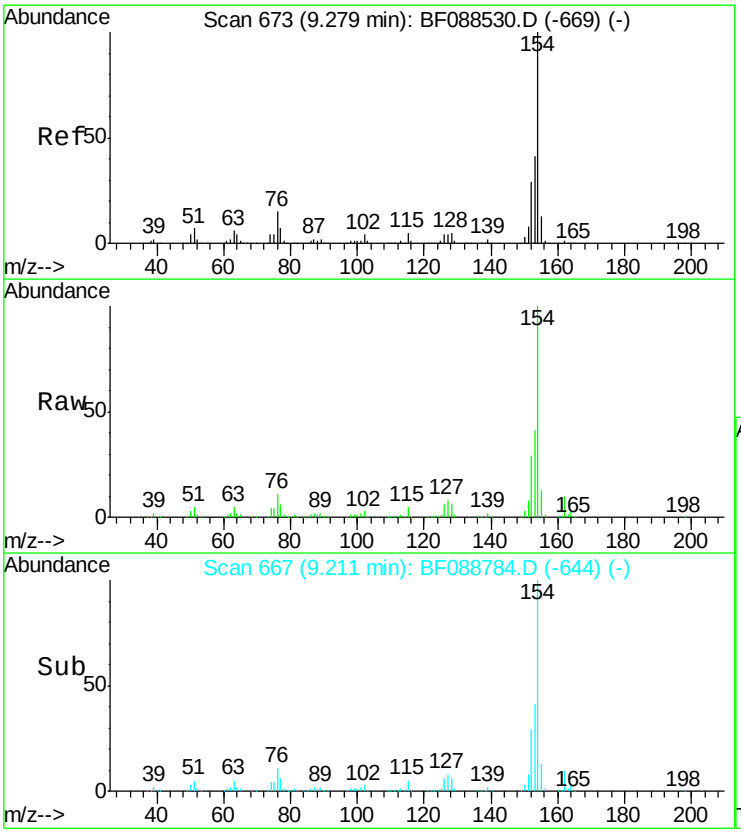
#44
2-Fluorobiphenyl
Concen: 79.30 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:172 Resp: 991852

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.6	19.2	28.8

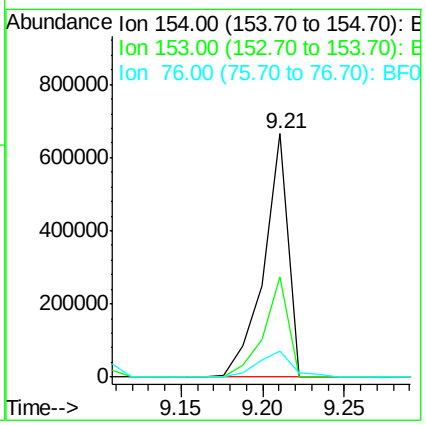


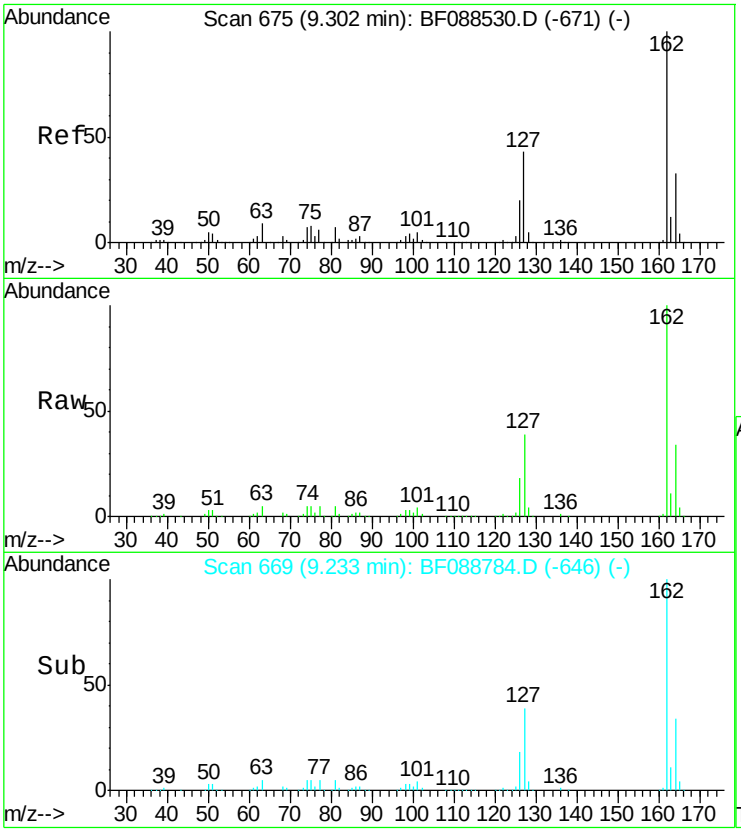


#45
1,1'-Biphenyl
Concen: 42.27 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:154 Resp: 691468

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.6	60.6
76	10.7	0.0	35.1



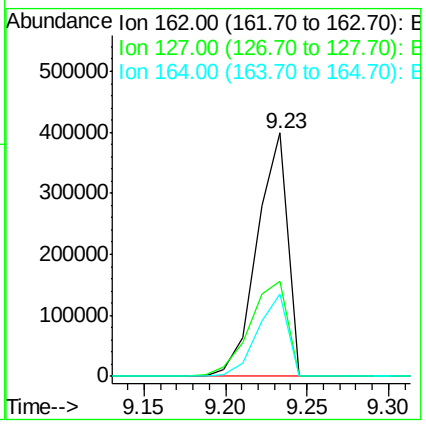


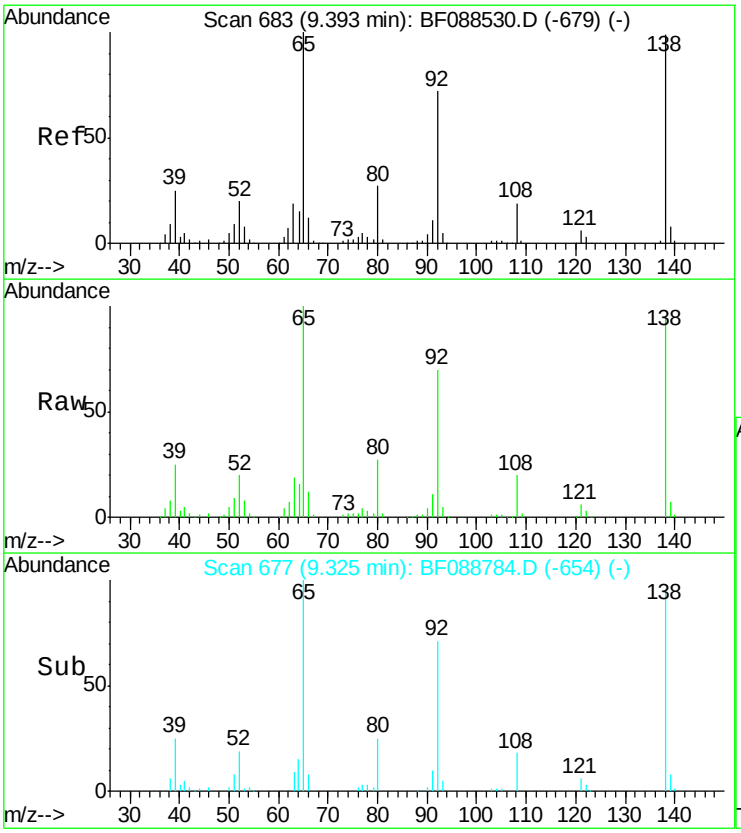
#46
2-Chloronaphthalene
Concen: 40.42 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:162 Resp: 519073

Ion	Ratio	Lower	Upper
162	100		
127	39.2	35.2	52.8
164	33.7	26.6	39.8

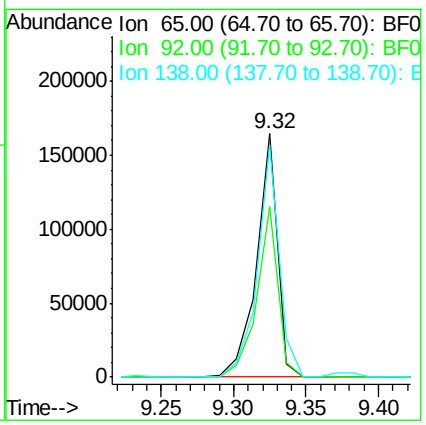


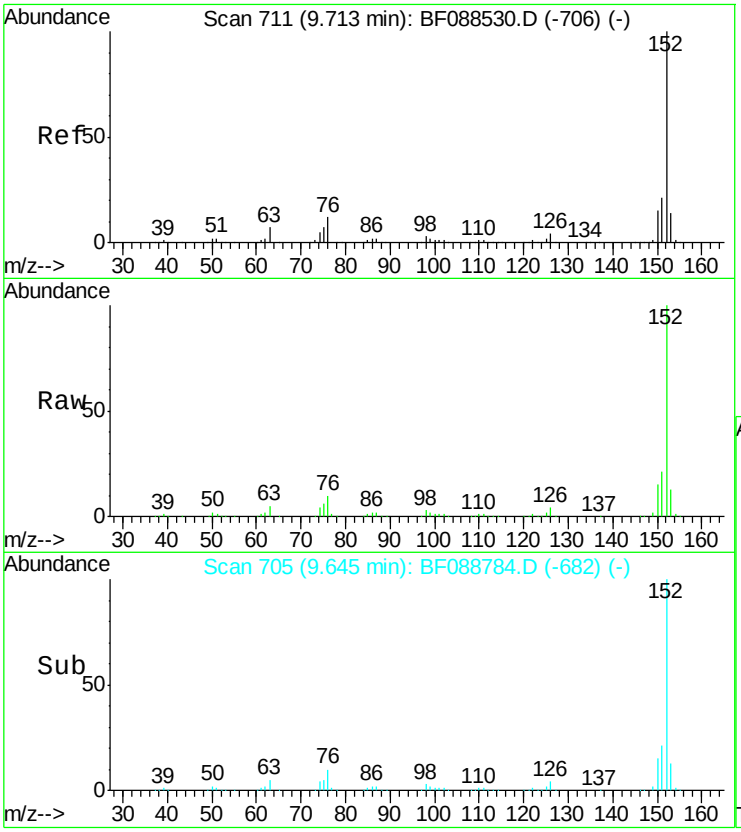


#47
2-Nitroaniline
Concen: 36.08 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion: 65 Resp: 164452

Ion	Ratio	Lower	Upper
65	100		
92	70.3	54.6	82.0
138	95.1	77.0	115.4



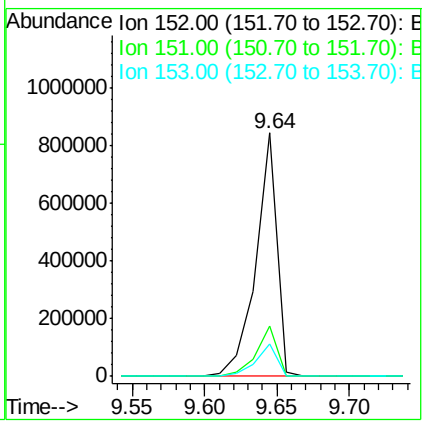


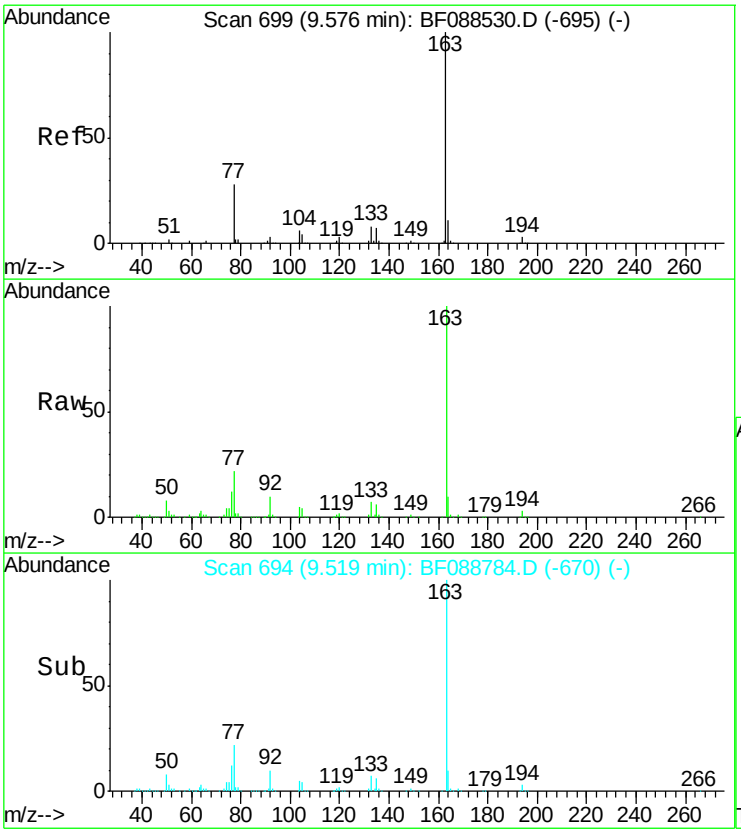
#48
Acenaphthylene
Concen: 41.41 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:152 Resp: 846188

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.4	11.0	16.6

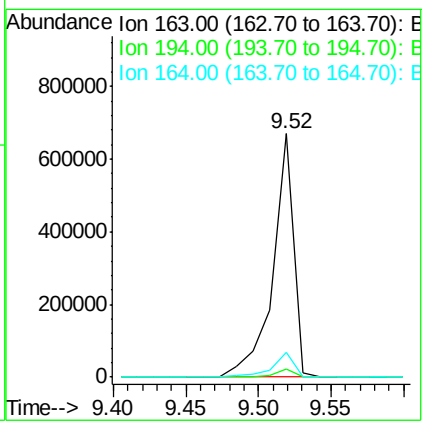


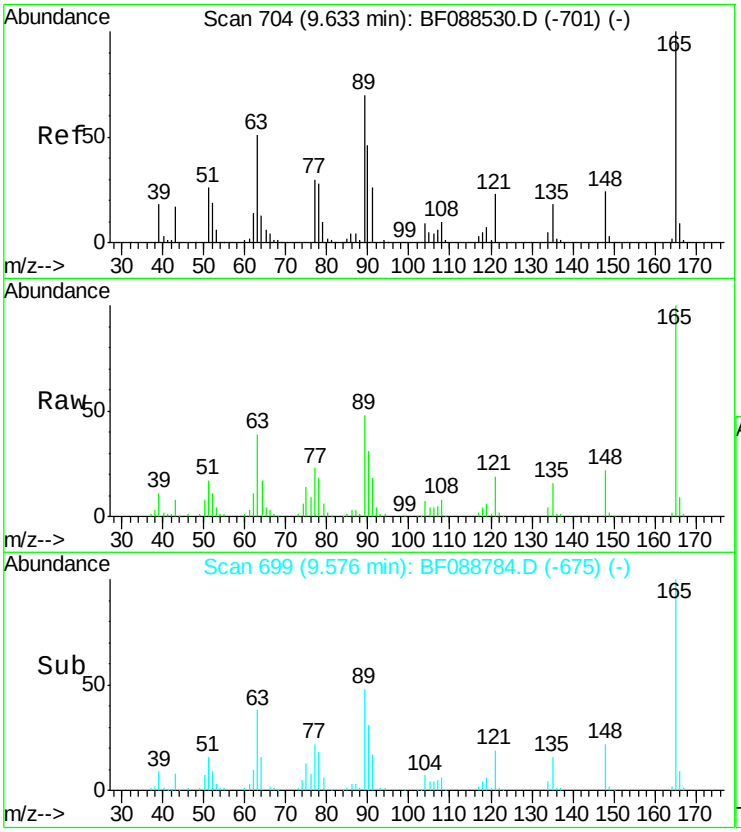


#49
Dimethylphthalate
Concen: 47.19 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:163 Resp: 664216

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.2	8.3	12.5



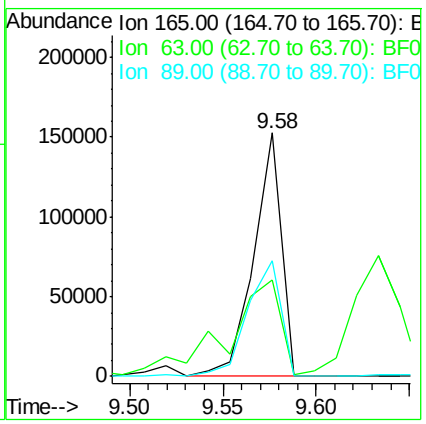


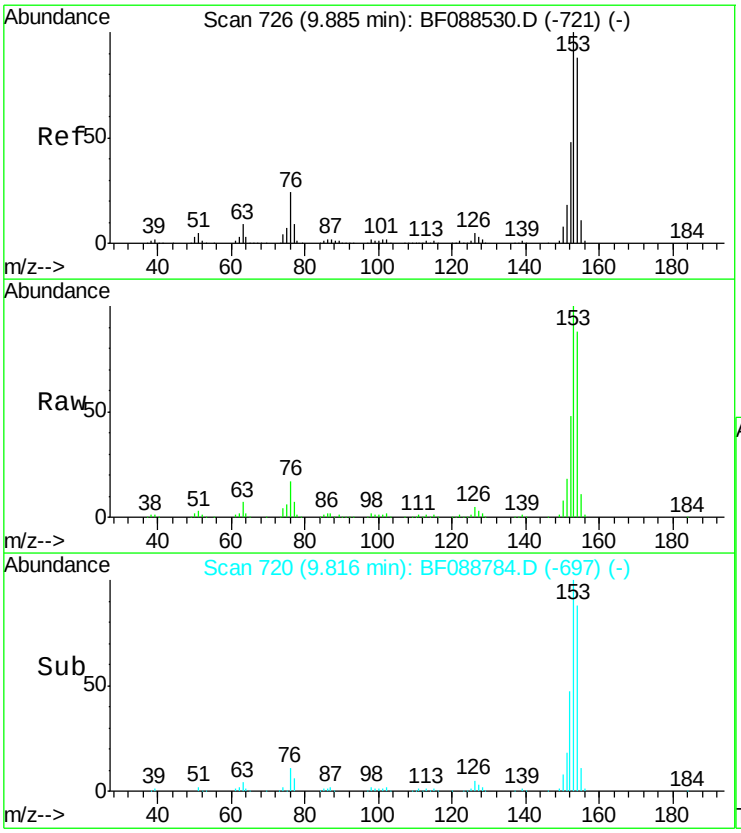
#50
2,6-Dinitrotoluene
Concen: 49.89 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:165 Resp: 155637

Ion	Ratio	Lower	Upper
165	100		
63	39.4	28.1	42.1
89	47.7	32.2	48.2

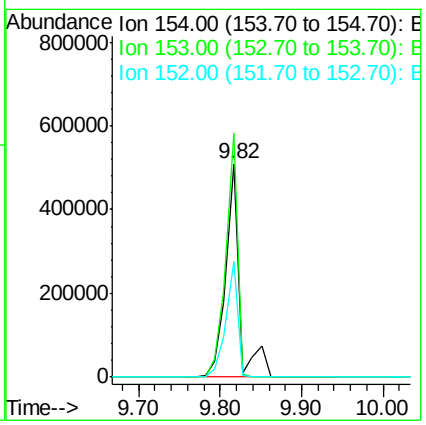


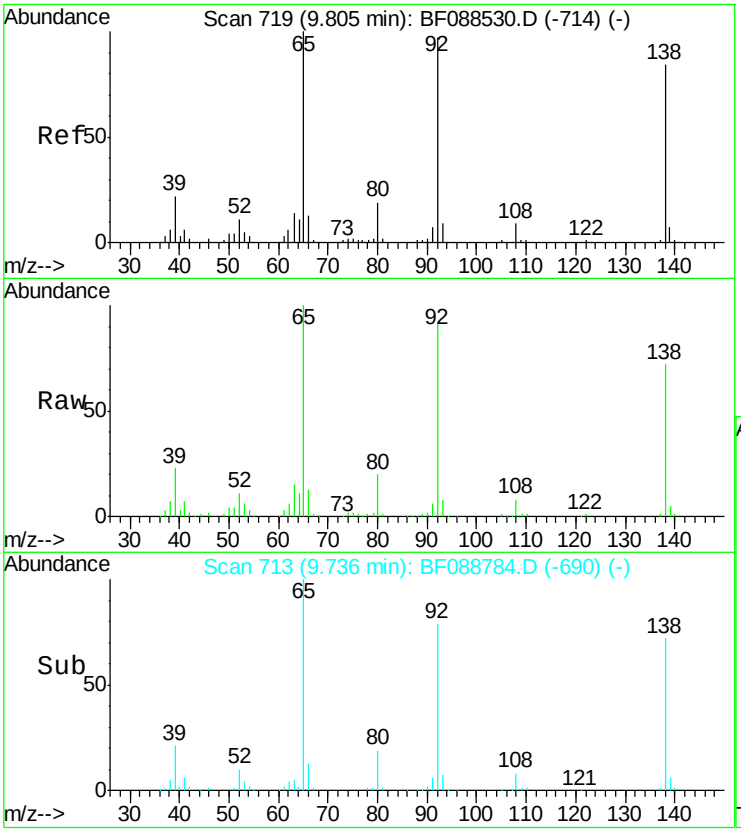


#51
Acenaphthene
Concen: 47.48 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:154 Resp: 594732

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.5	134.3
152	54.4	42.7	64.1



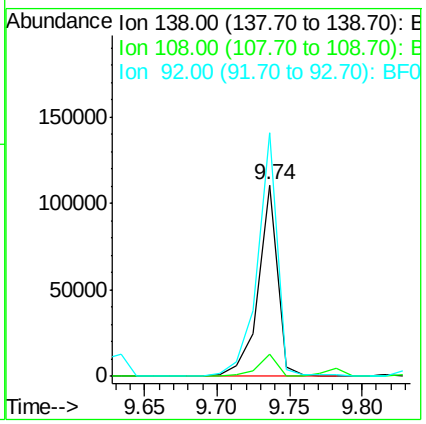


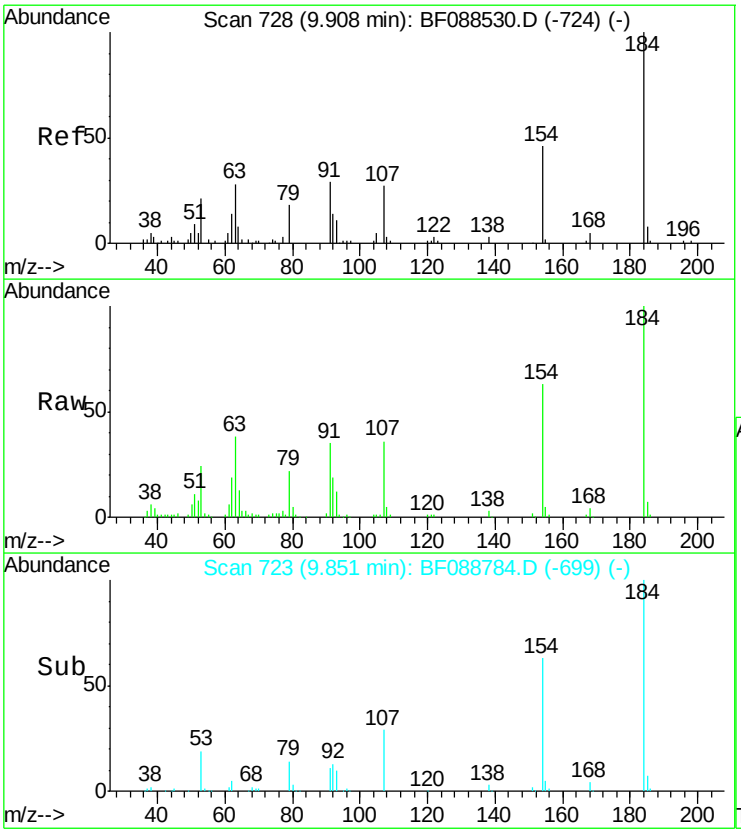
#52
3-Nitroaniline
Concen: 25.71 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:138 Resp: 101959

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.5	12.7
92	127.4	95.7	143.5

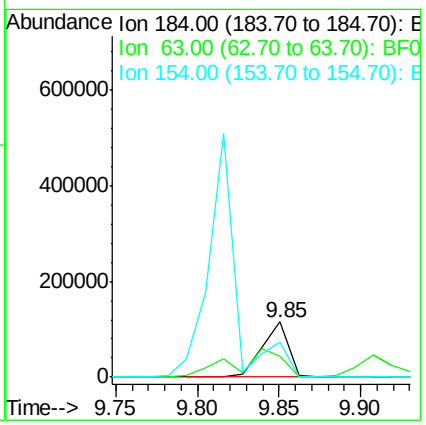


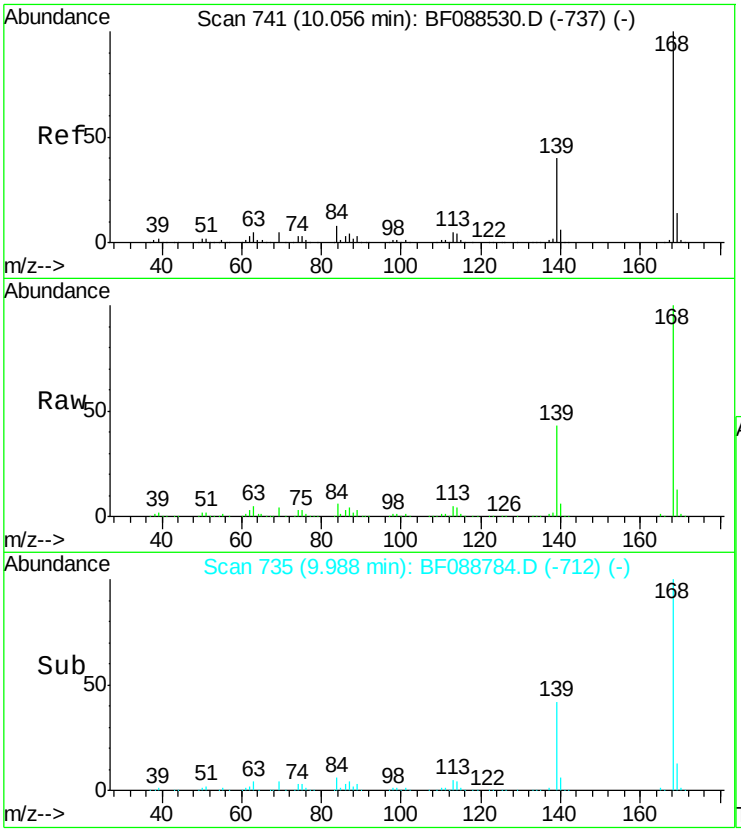


#53
2,4-Dinitrophenol
Concen: 95.87 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:184 Resp: 132059

Ion	Ratio	Lower	Upper
184	100		
63	37.7	57.6	86.4#
154	63.1	53.5	80.3



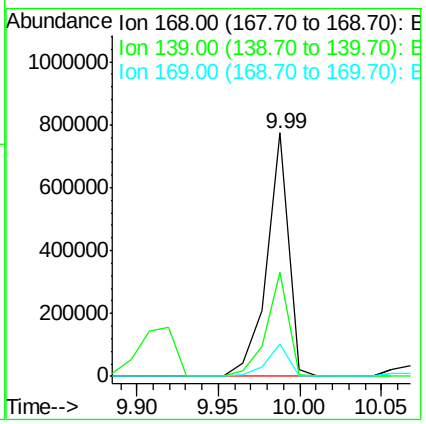


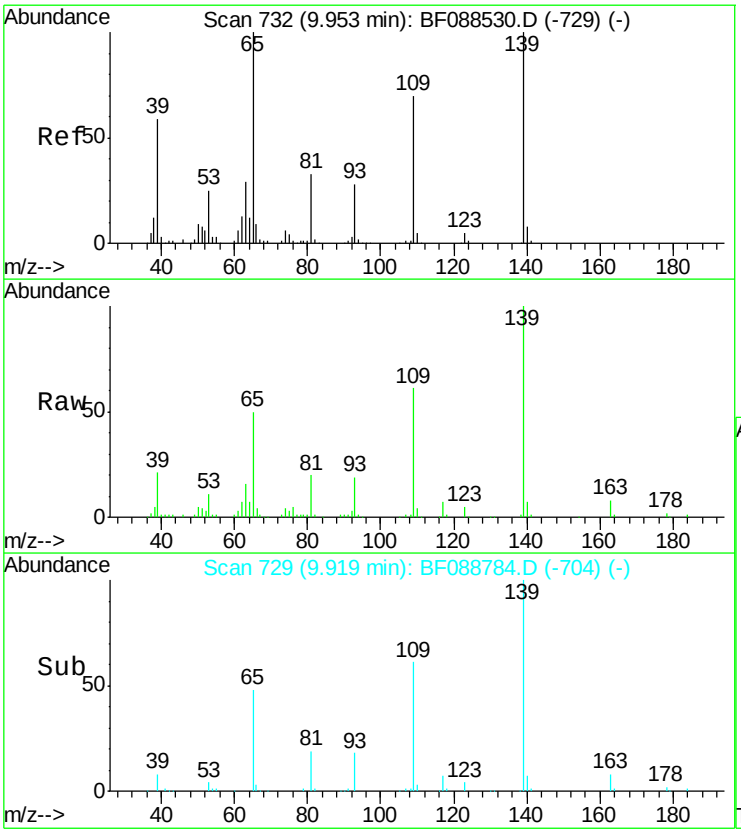
#54
Dibenzofuran
Concen: 43.96 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:168 Resp: 720731

Ion	Ratio	Lower	Upper
168	100		
139	42.7	26.4	39.6#
169	13.4	10.4	15.6

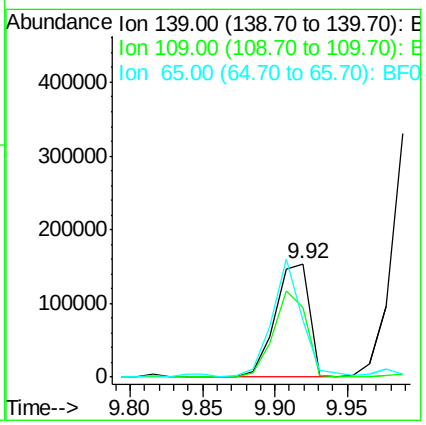


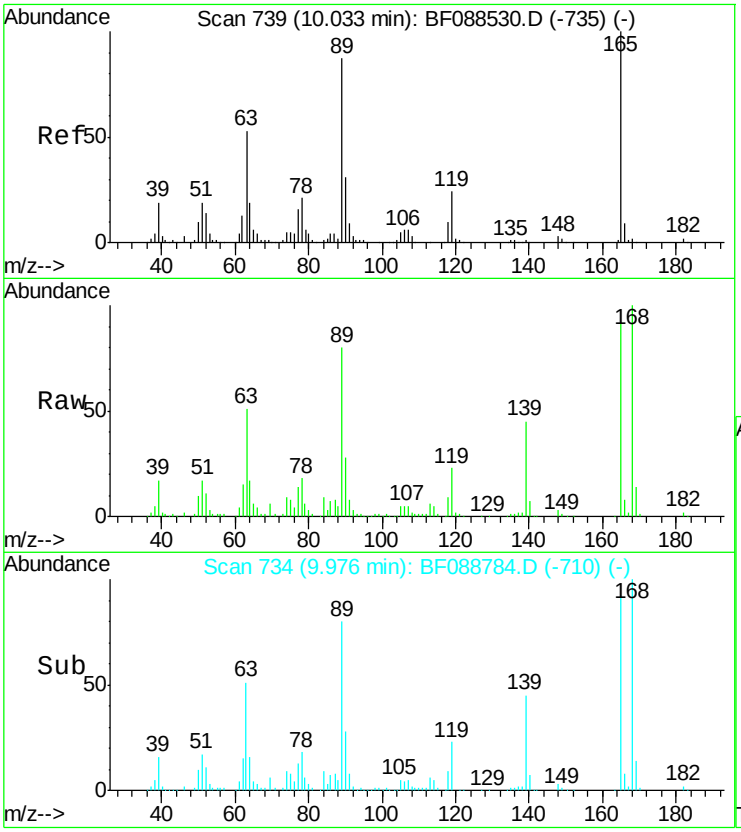


#55
4-Nitrophenol
Concen: 83.22 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:139 Resp: 250795

Ion	Ratio	Lower	Upper
139	100		
109	61.4	48.9	88.9
65	50.4	84.9	124.9#



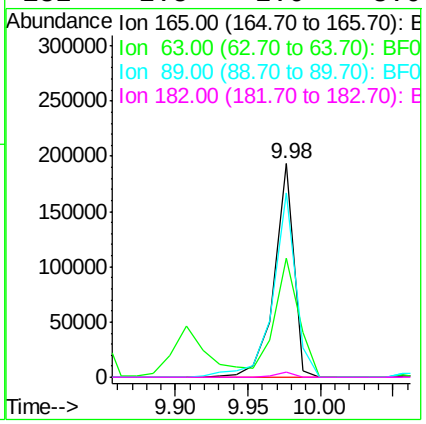


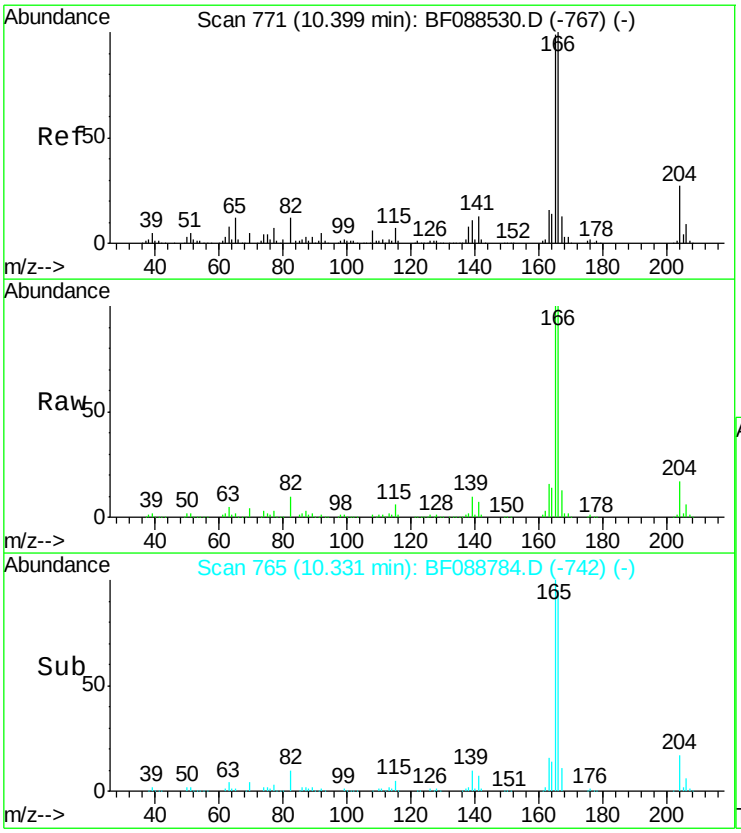
#56
2,4-Dinitrotoluene
Concen: 44.28 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:165 Resp: 180593

Ion	Ratio	Lower	Upper
165	100		
63	55.7	22.0	33.0#
89	86.6	41.1	61.7#
182	2.5	2.0	3.0

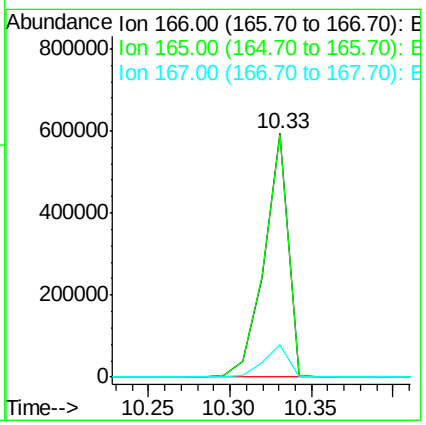


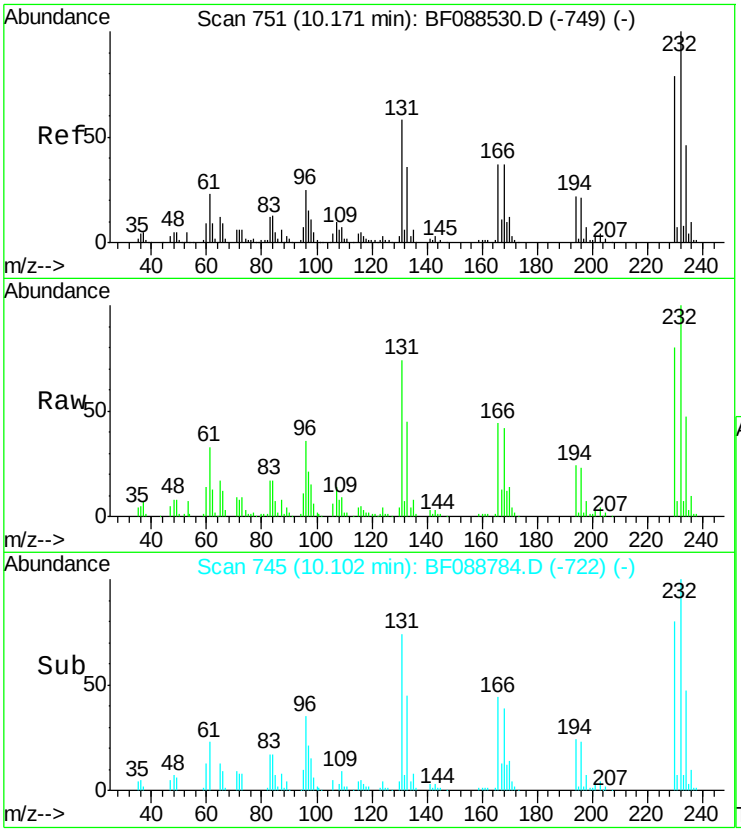


#57
Fluorene
Concen: 47.98 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:166 Resp: 606237

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8
167	13.2	11.2	16.8



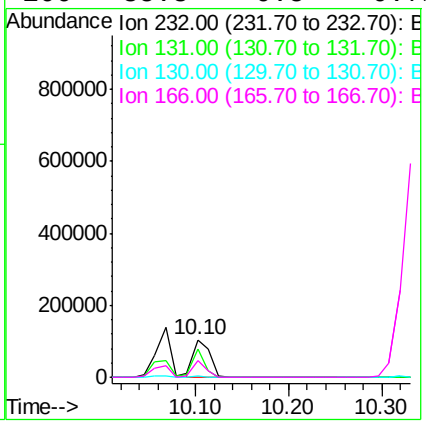


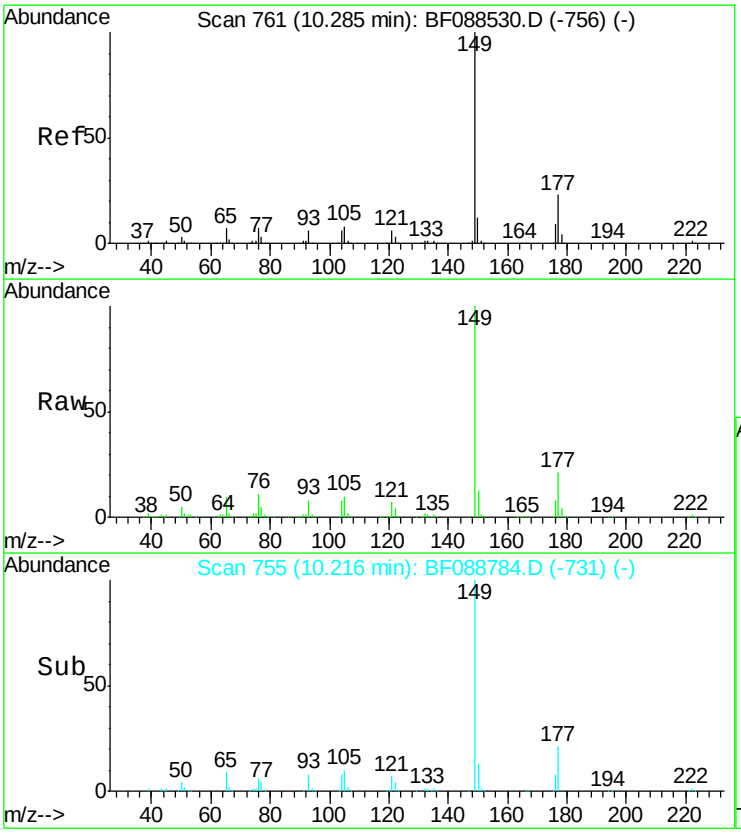
#58
2,3,4,6-Tetrachlorophenol
Concen: 44.75 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:232 Resp: 129060

Ion	Ratio	Lower	Upper
232	100		
131	56.4	0.9	1.3#
130	2.9	1.5	2.3#
166	35.8	0.5	0.7#

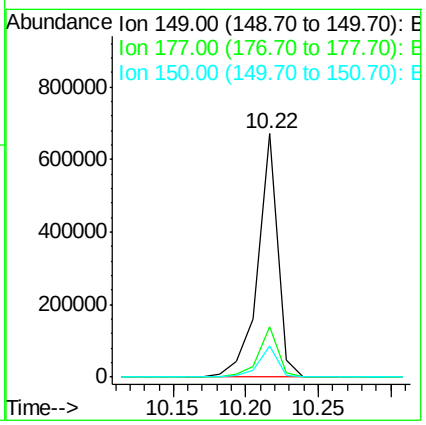


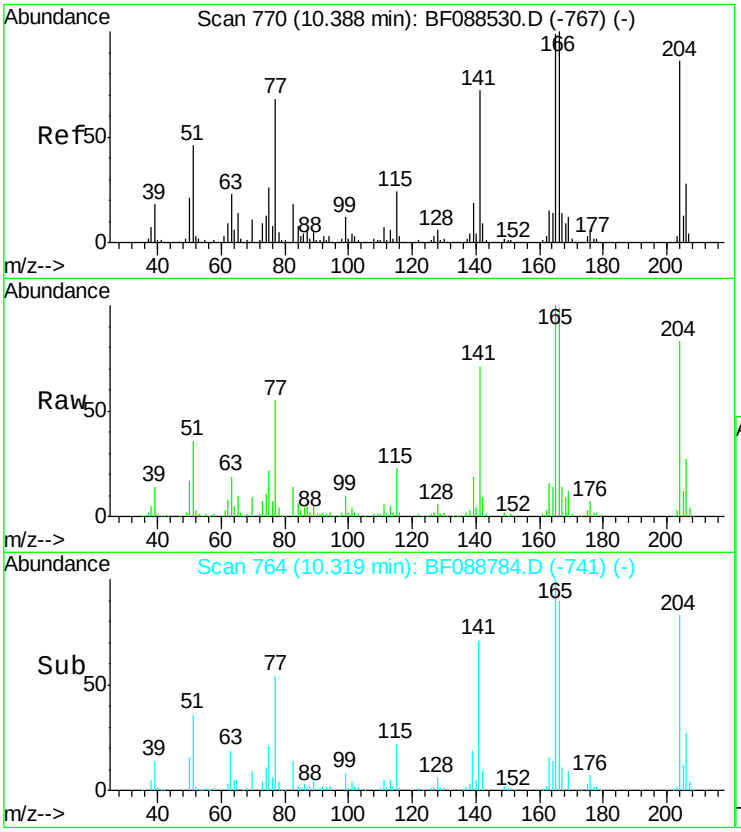


#59
Diethylphthalate
Concen: 45.10 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:149 Resp: 637134

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.9	25.3
150	12.5	10.1	15.1



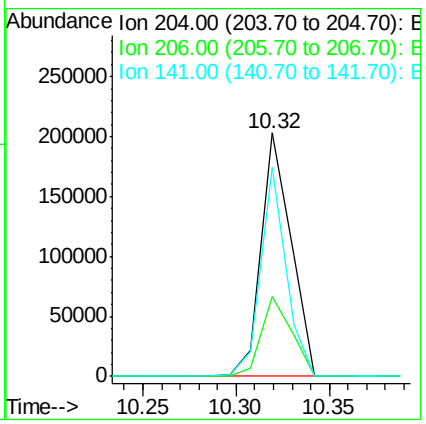


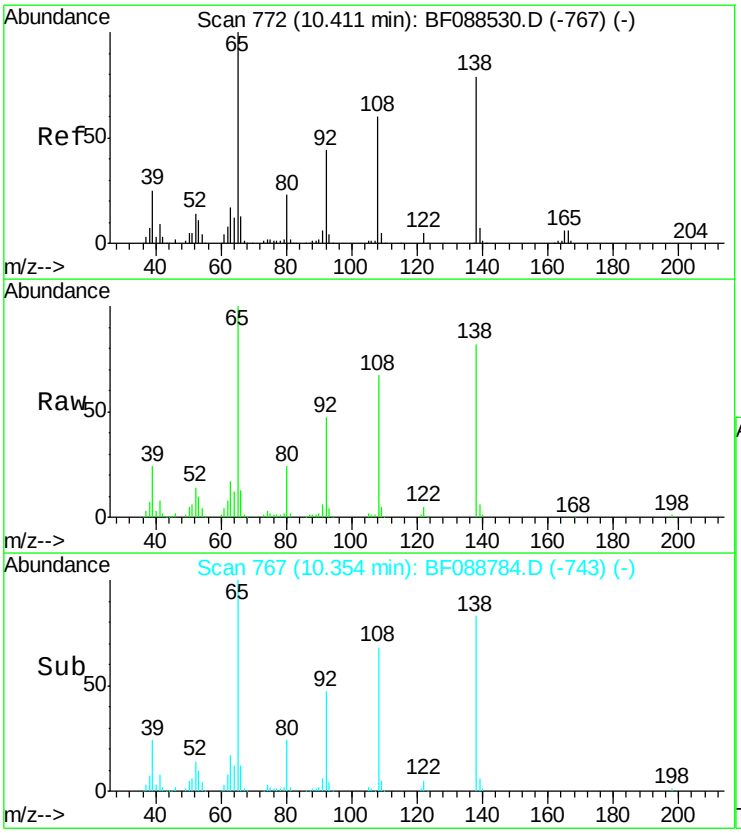
#60
4-Chlorophenyl-phenylether
Concen: 38.26 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:204 Resp: 224618

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	85.6	55.0	82.6#

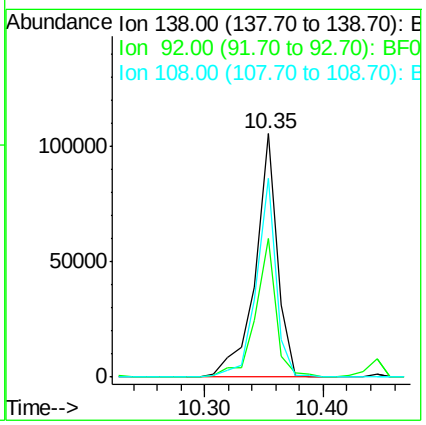


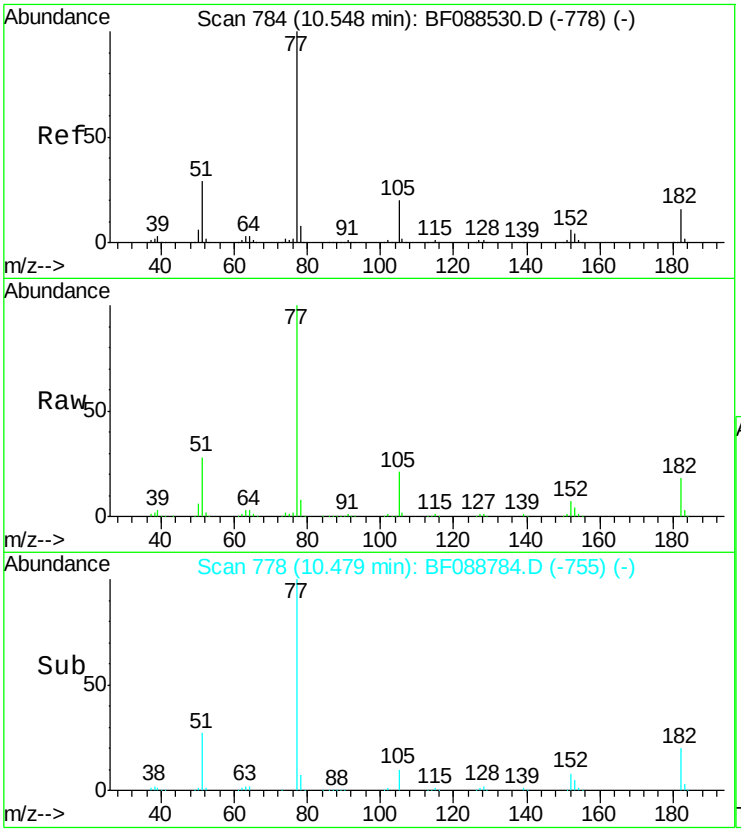


#61
4-Nitroaniline
Concen: 35.71 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:138 Resp: 136294

Ion	Ratio	Lower	Upper
138	100		
92	57.1	27.3	67.3
108	81.8	46.7	86.7



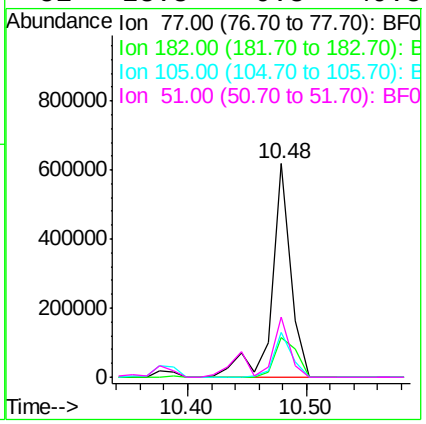


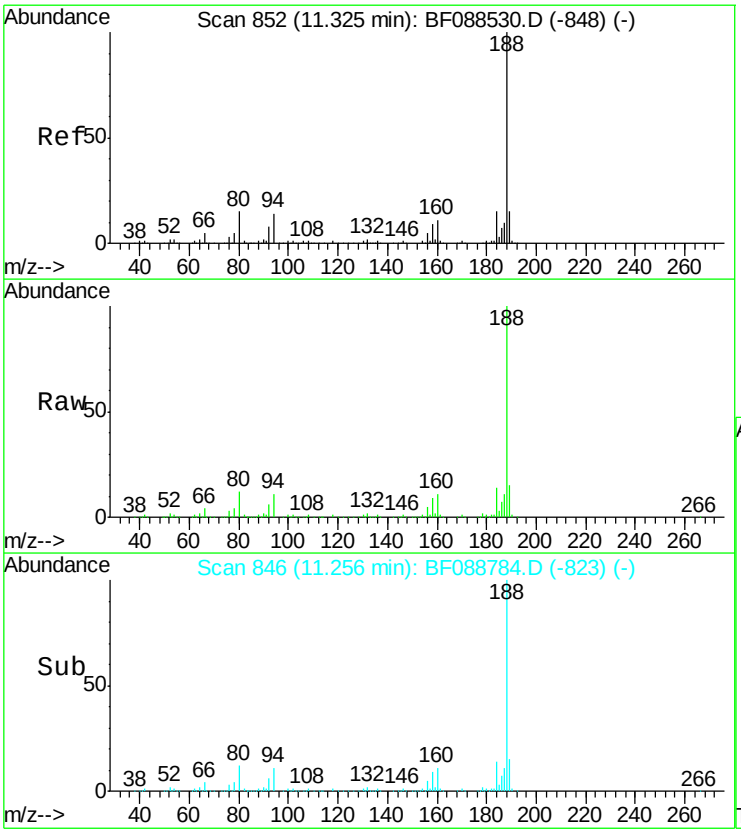
#62
Azobenzene
Concen: 42.52 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion: 77 Resp: 685190

Ion	Ratio	Lower	Upper
77	100		
182	18.5	4.4	44.4
105	21.0	3.8	43.8
51	28.3	9.3	49.3

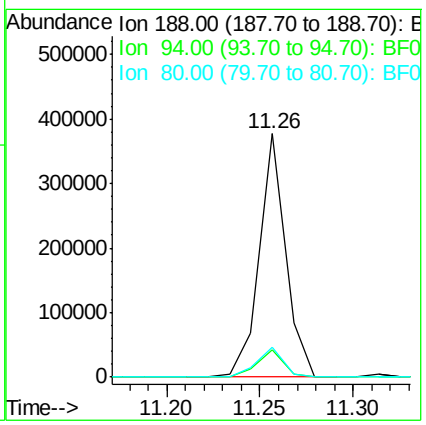


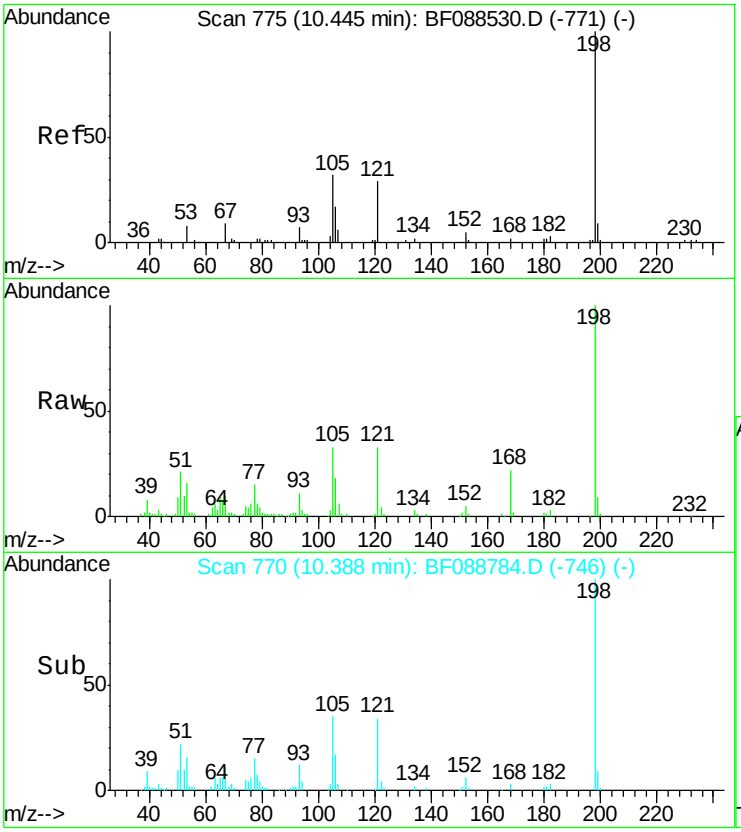


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:188 Resp: 366811

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.6
80	12.4	10.0	15.0



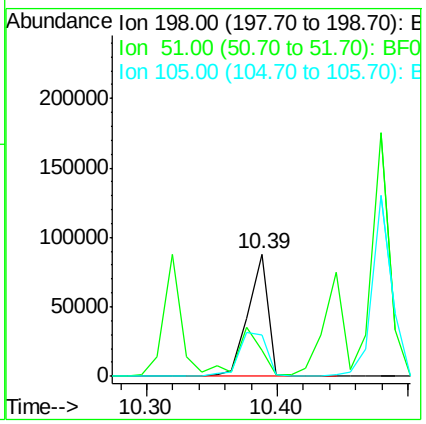


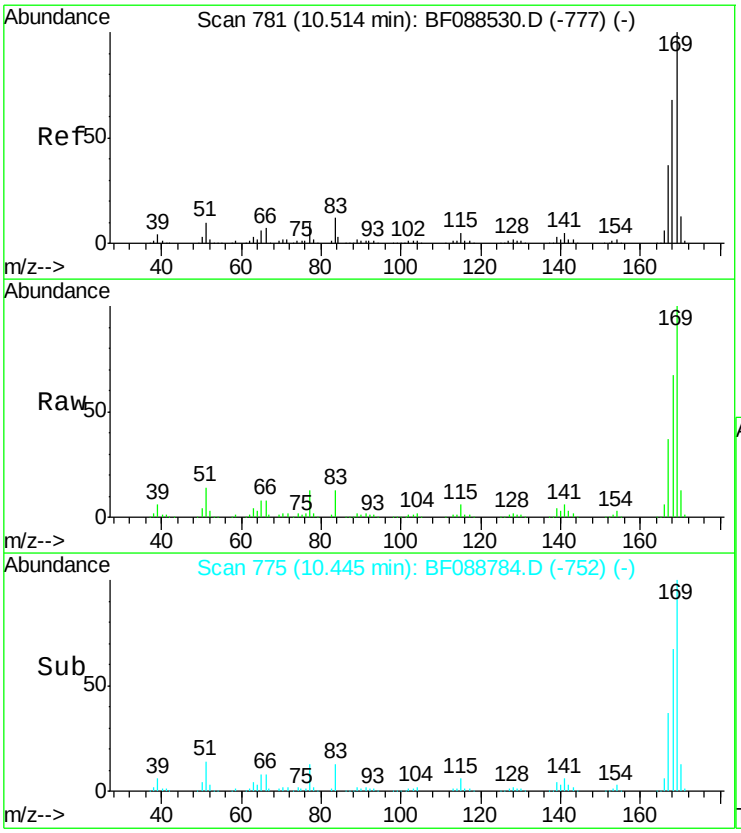
#64
4,6-Dinitro-2-methylphenol
Concen: 48.04 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:198 Resp: 94251

Ion	Ratio	Lower	Upper
198	100		
51	21.1	39.6	79.6#
105	33.4	36.6	76.6#

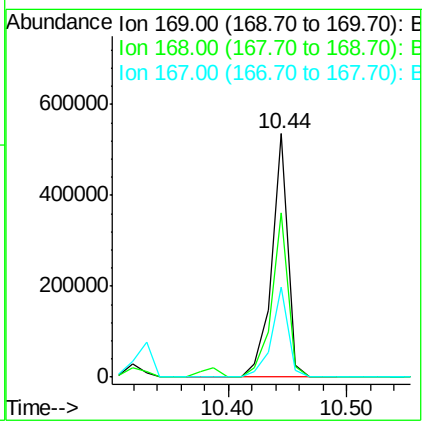


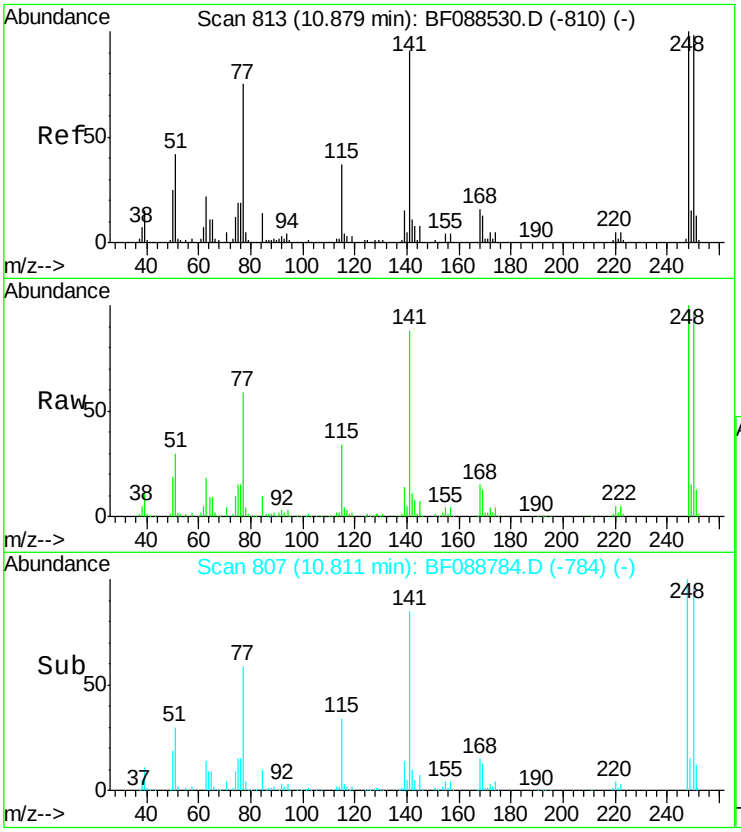


#65
n-Nitrosodiphenylamine
Concen: 41.22 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:169 Resp: 511704

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.4	80.0
167	37.0	29.4	44.0



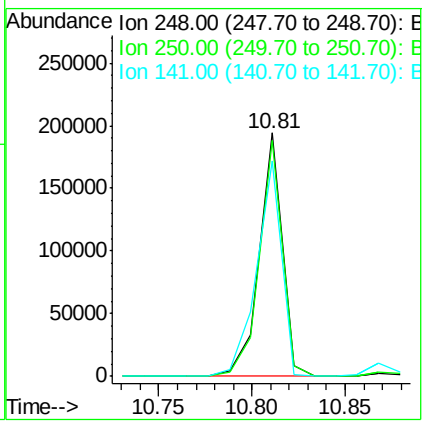


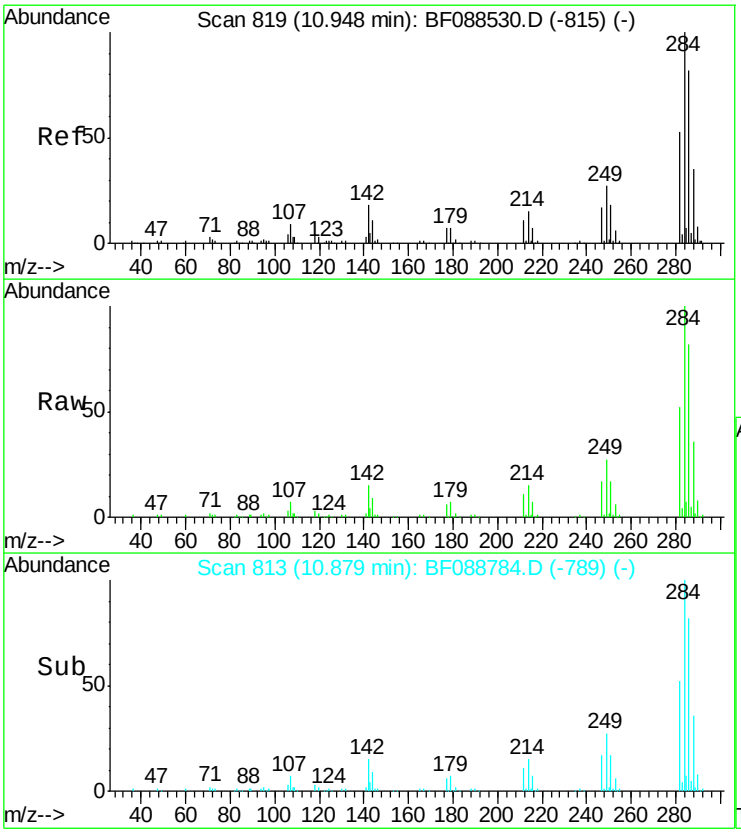
#66
4-Bromophenyl-phenylether
Concen: 44.49 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:248 Resp: 164456

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	88.3	50.6	76.0#

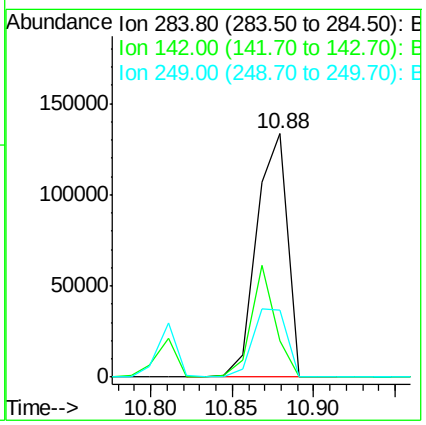


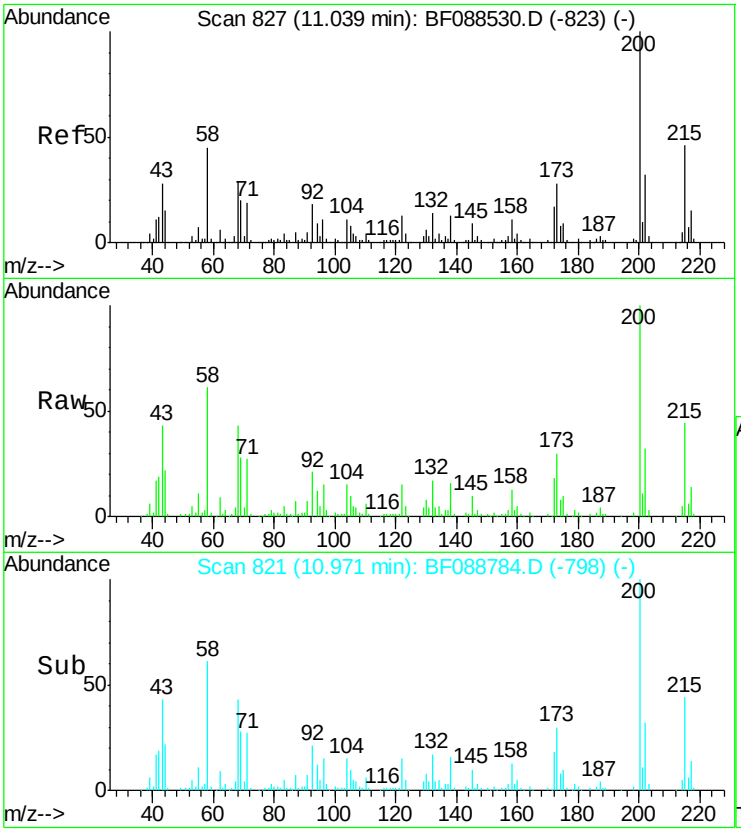


#67
Hexachlorobenzene
Concen: 42.58 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:284 Resp: 174243

Ion	Ratio	Lower	Upper
284	100		
142	15.1	35.8	53.8#
249	27.3	25.8	38.6



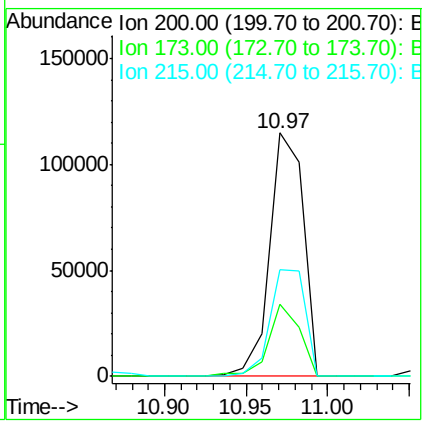


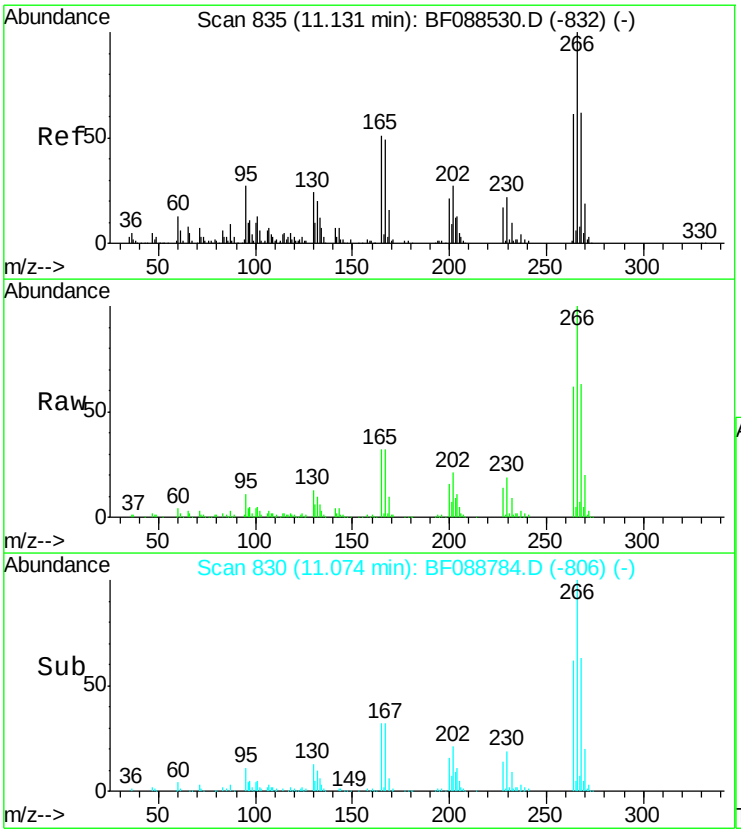
#68
Atrazine
Concen: 42.56 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:200 Resp: 164649

Ion	Ratio	Lower	Upper
200	100		
173	29.9	4.0	44.0
215	43.6	29.3	69.3

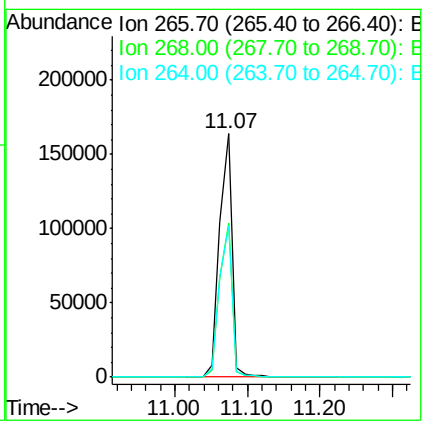


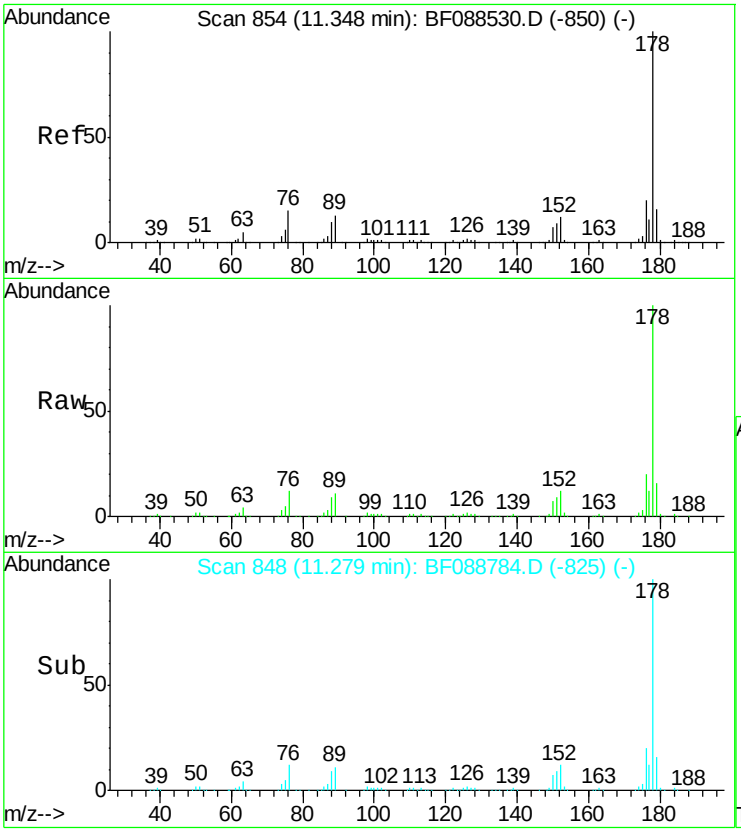


#69
Pentachlorophenol
Concen: 82.15 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:266 Resp: 198937

Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.8	79.2
264	62.3	49.6	74.4



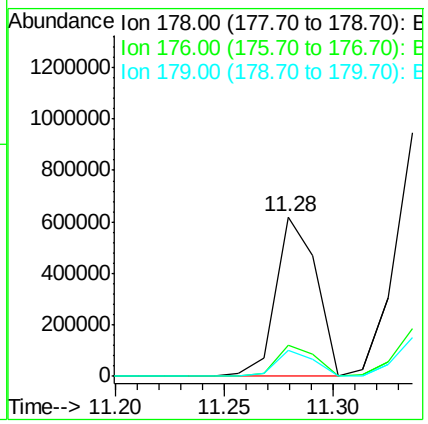


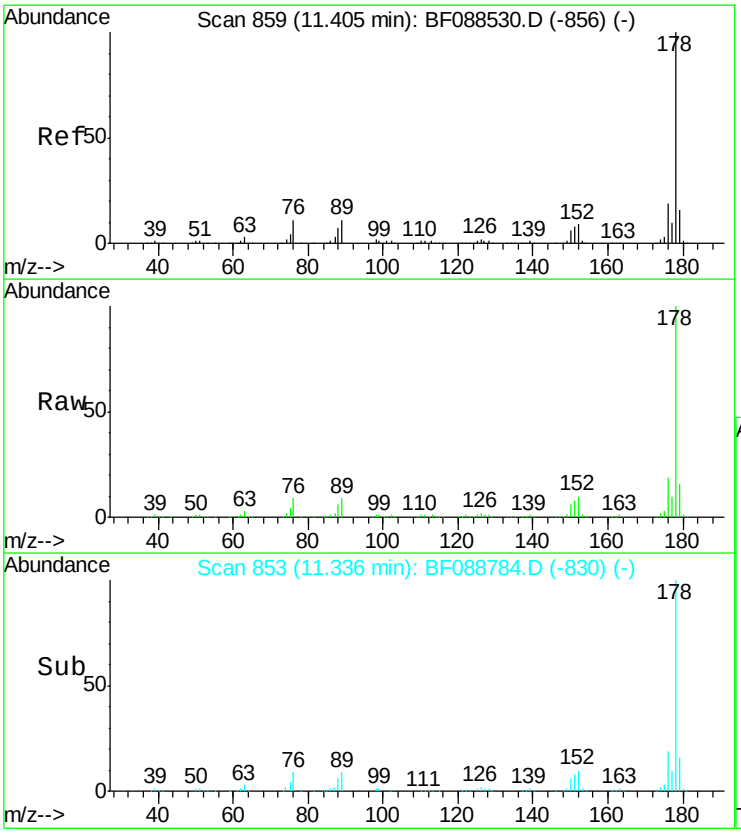
#70
Phenanthrene
Concen: 40.13 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:178 Resp: 804703

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.9	13.0	19.4

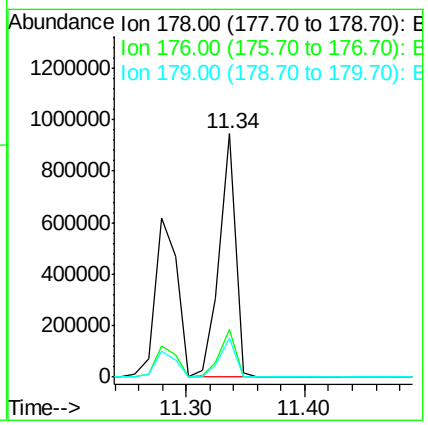


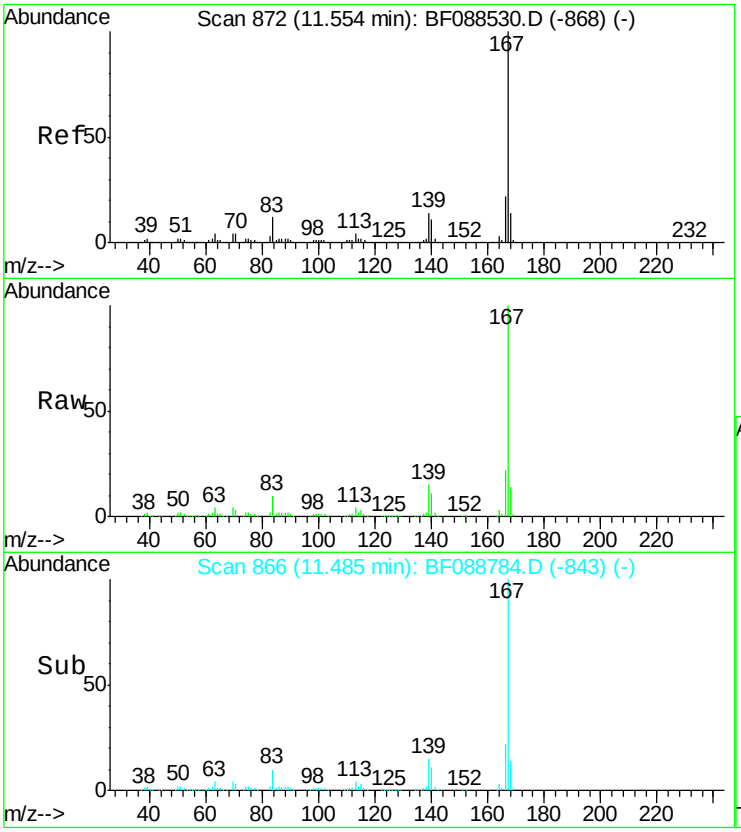


#71
Anthracene
Concen: 44.50 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:178 Resp: 887271

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.7	12.8	19.2



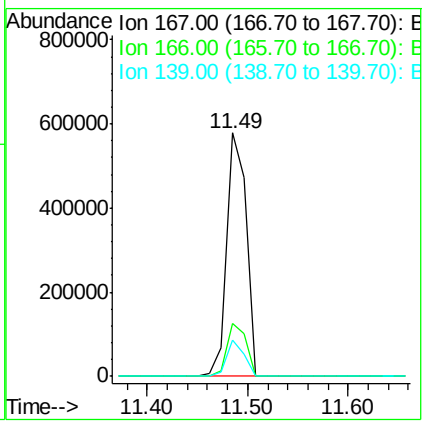


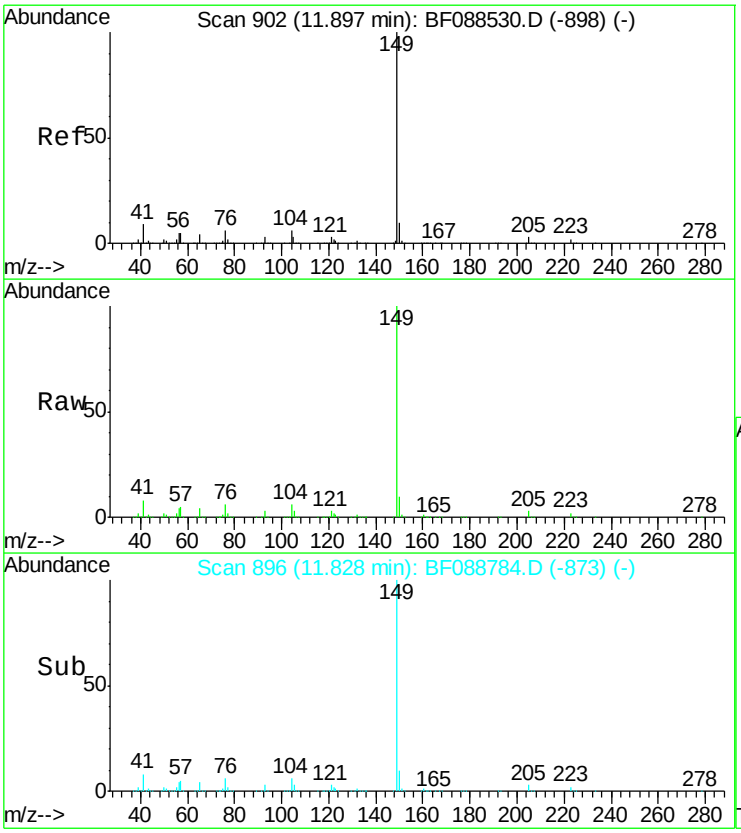
#72
Carbazole
Concen: 41.34 ng
RT: 11.49 min Scan# 866
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:167 Resp: 775758

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	15.0	11.2	16.8

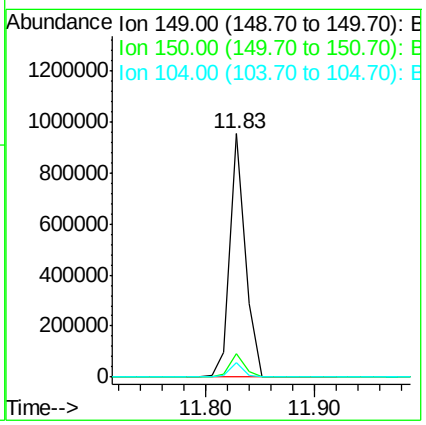


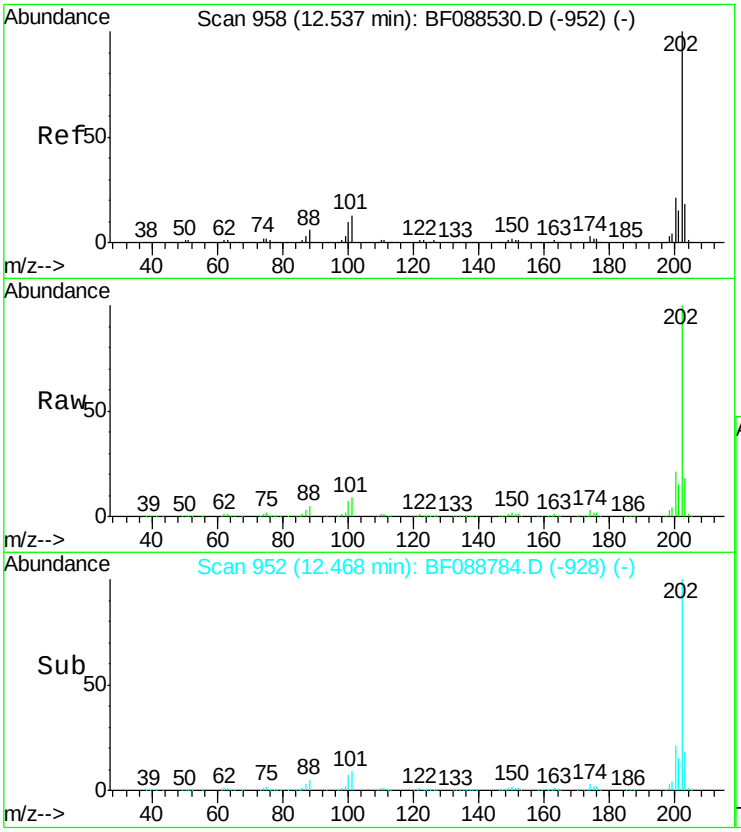


#73
Di-n-butylphthalate
Concen: 42.21 ng
RT: 11.83 min Scan# 896
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:149 Resp: 921377

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	6.2	4.0	6.0#



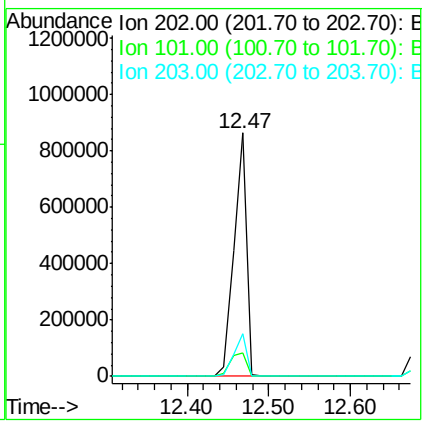


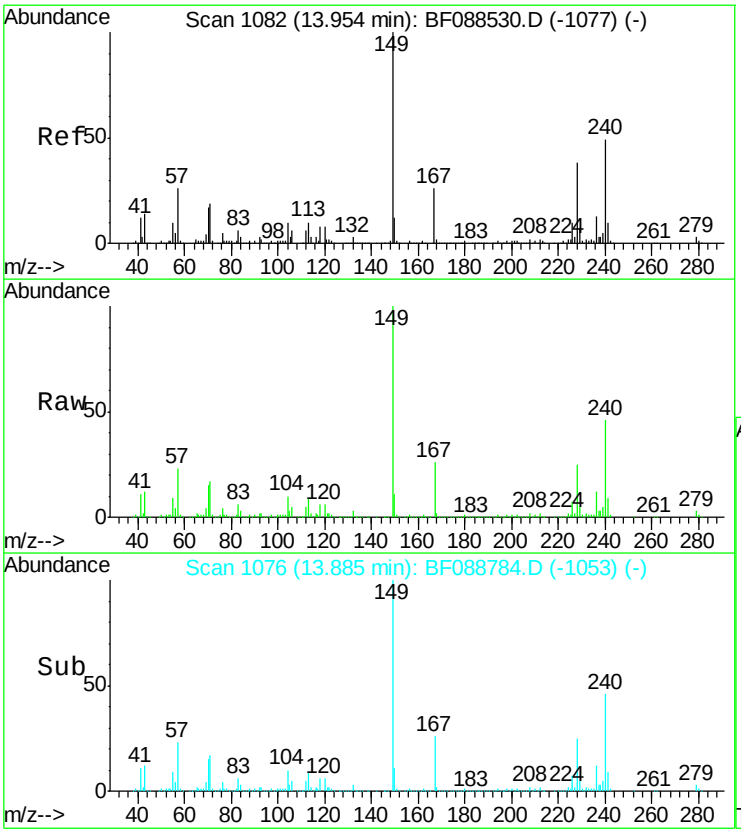
#74
Fluoranthene
Concen: 45.86 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:202 Resp: 932225

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.1
203	17.6	0.0	38.1

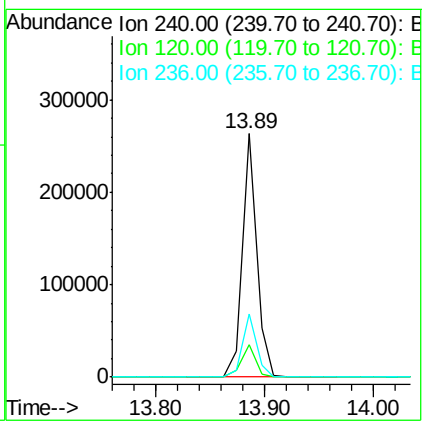


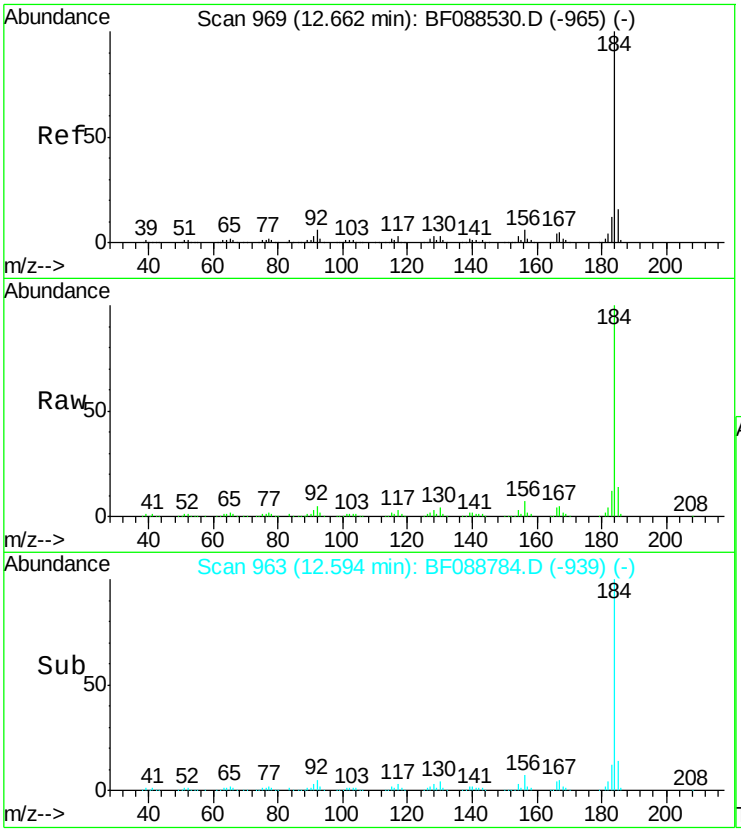


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:240 Resp: 239932

Ion	Ratio	Lower	Upper
240	100		
120	13.5	6.8	10.2#
236	26.1	20.2	30.2



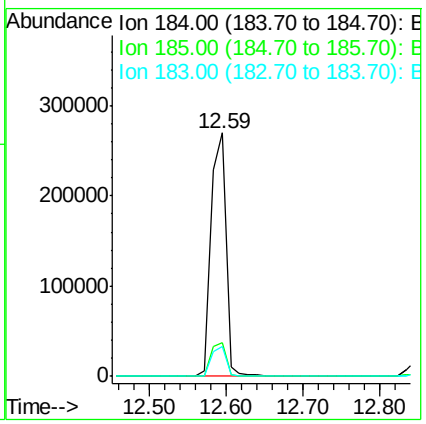


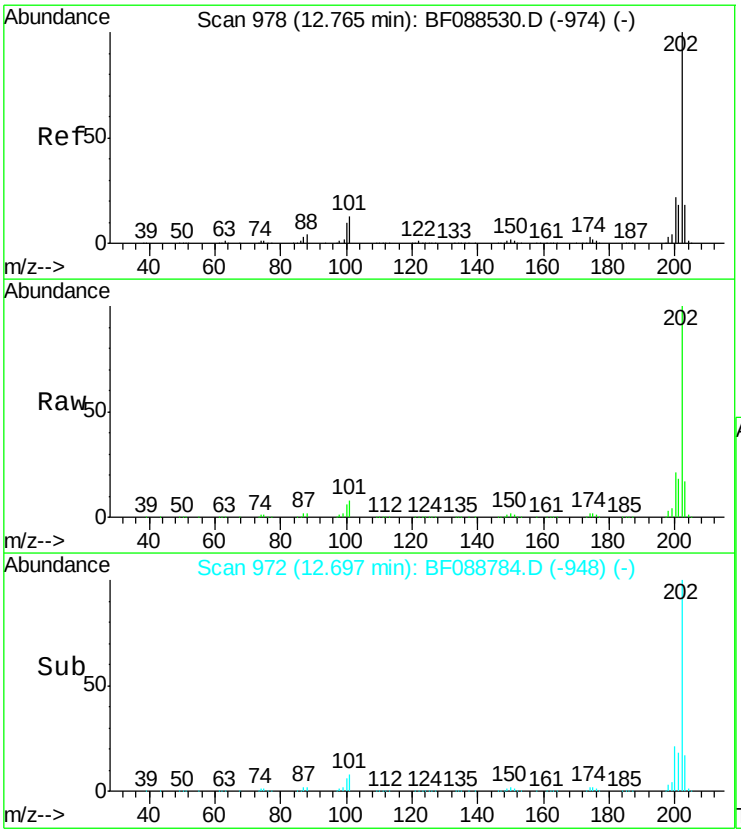
#76
Benzidine
Concen: 29.82 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:184 Resp: 361628

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.5	18.7
183	12.1	9.3	13.9

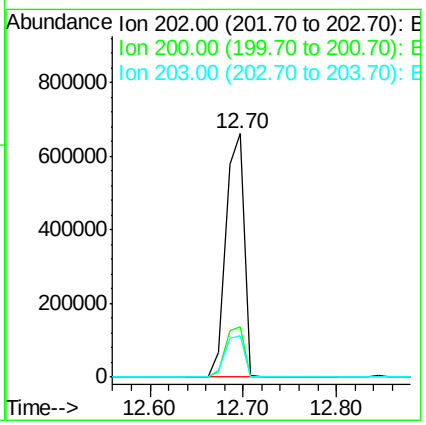


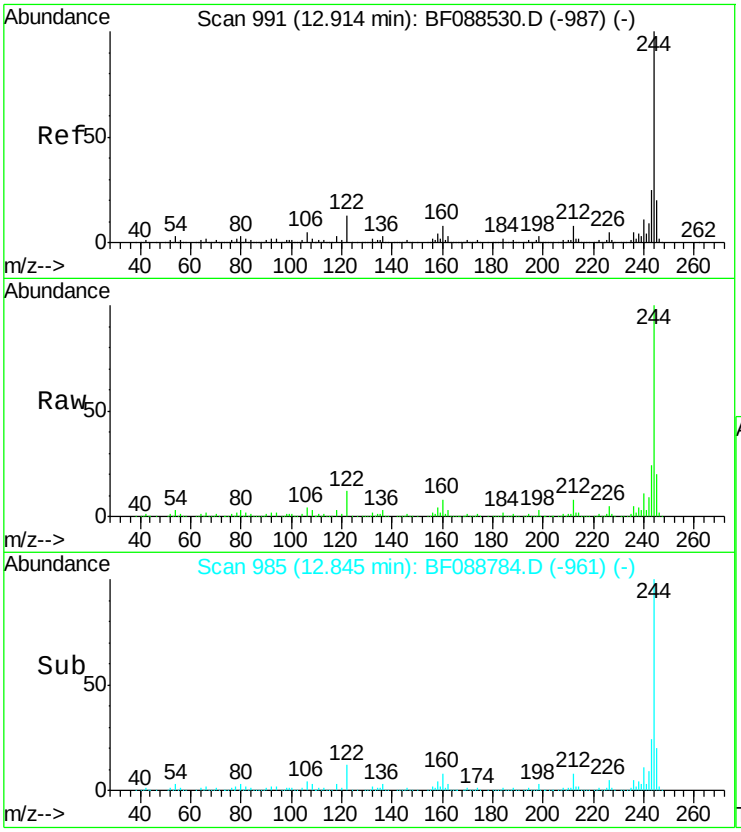


#77
Pyrene
Concen: 44.49 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:202 Resp: 905023

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.2	14.5	21.7



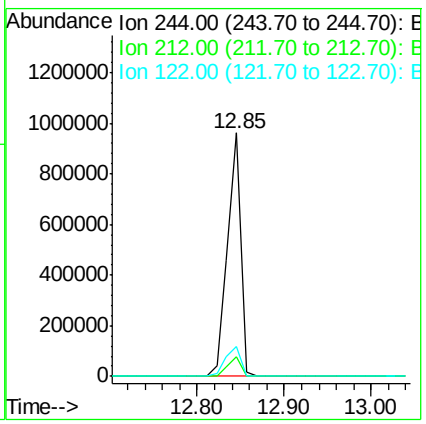


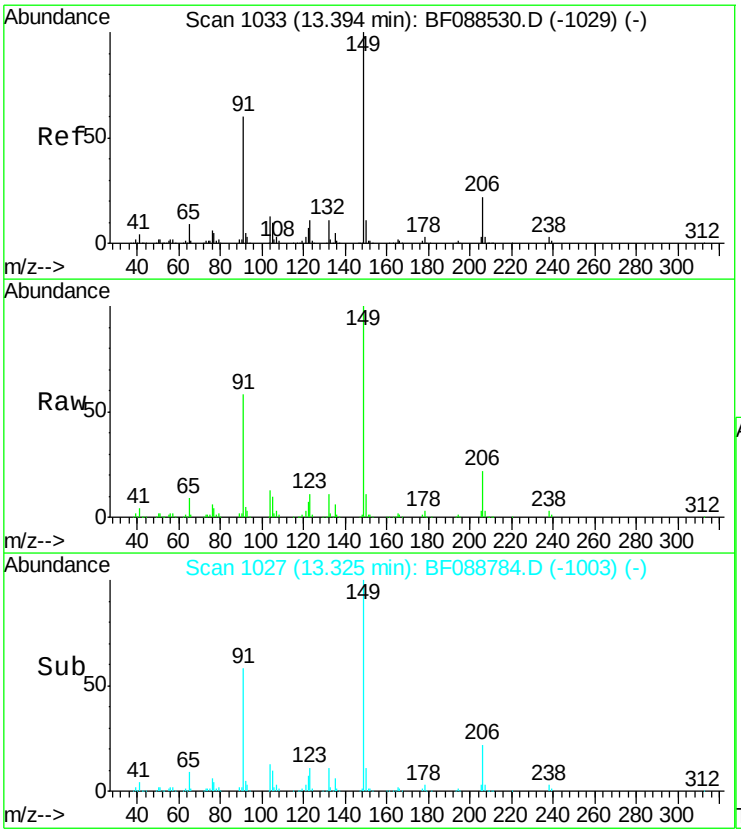
#78
Terphenyl-d14
Concen: 94.92 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

Tgt Ion:244 Resp: 1022546

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	12.3	11.2	16.8





#79
Butylbenzylphthalate
Concen: 46.78 ng
RT: 13.33 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF088784.D
Acq: 7 Jul 2016 17:46

Tgt Ion:149 Resp: 424538

Ion	Ratio	Lower	Upper
149	100		
91	58.2	48.0	72.0
206	21.8	16.0	24.0