Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088922.D
Acq On : 12 Jul 2016 13:57
Operator : UM/SJ
Sample : PB91808BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 16:03:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	50235	20.00	ng		-0.01
21) Naphthalene-d8	7.99	136	227661	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	106911	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	196152	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	146228	20.00	ng		-0.01
86) Perylene-d12	15.21	264	103604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	61927	18.48	ng		-0.01
7) Phenol-d6	6.33	99	76314	17.62	ng		-0.02
23) Nitrobenzene-d5	7.27	82	47927	11.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	17496	17.62	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	96157	14.21	ng		-0.01
78) Terphenyl-d14	12.80	244	88245	13.44	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.89	79	21088	4.37	ng		94
4) n-Nitrosodimethylamine	2.80	42	9590	5.21	ng	#	97
8) 2-Chlorophenol	6.48	128	23060	6.40	ng		99
9) Benzaldehyde	6.24	77	9941	3.39	ng		87
10) Phenol	6.35	94	26561	5.37	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	22967	6.23	ng		90
12) 1,3-Dichlorobenzene	6.64	146	24464	6.17	ng		99
13) 1,4-Dichlorobenzene	6.72	146	25636	6.52	ng		98
14) 1,2-Dichlorobenzene	6.72	146	25636	6.96	ng		94
15) Benzyl Alcohol	6.84	79	22934	7.19	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	29208	5.47	ng		89
17) 2-Methylphenol	6.96	107	17075	5.81	ng		94
18) Hexachloroethane	7.21	117	8803	5.78	ng	#	78
19) n-Nitroso-di-n-propylamine	7.12	70	17620	6.06	ng	#	85
20) 3+4-Methylphenols	7.12	107	25420	7.21	ng		91
22) Acetophenone	7.11	105	32436	5.87	ng	#	91
24) Nitrobenzene	7.28	77	25669	5.86	ng	#	81
25) Isophorone	7.53	82	45775	5.69	ng		96
26) 2-Nitrophenol	7.60	139	10157	5.65	ng	#	81
27) 2,4-Dimethylphenol	7.66	122	19036	5.09	ng		94
28) bis(2-Chloroethoxy)methane	7.75	93	29307	5.60	ng		98
29) 2,4-Dichlorophenol	7.85	162	18853	6.24	ng		94
30) 1,2,4-Trichlorobenzene	7.93	180	20036	6.04	ng		99
31) Naphthalene	8.01	128	71961	6.41	ng		98
34) Hexachlorobutadiene	8.14	225	11388	6.41	ng		97
35) Caprolactam	8.41	113	5042	4.91	ng	#	78
36) 4-Chloro-3-methylphenol	8.55	107	21549	6.03	ng		97
37) 2-Methylnaphthalene	8.70	142	42631	5.90	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	20072	5.64	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	16374	9.38	ng		98
42) 2,4,6-Trichlorophenol	8.98	196	14085	6.01	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	12423	6.16	ng	#	81
45) 1,1'-Biphenyl	9.16	154	59135	6.68	ng		97
46) 2-Chloronaphthalene	9.19	162	42743	6.15	ng		95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088922.D
Acq On : 12 Jul 2016 13:57
Operator : UM/SJ
Sample : PB91808BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 16:03:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.28	65	14411	5.84	ng		97
48) Acenaphthylene	9.60	152	70380	6.36	ng		97
49) Dimethylphthalate	9.46	163	53431	7.02	ng		99
50) 2,6-Dinitrotoluene	9.52	165	10110	5.99	ng	#	31
51) Acenaphthene	9.77	154	43881	6.47	ng		98
52) 3-Nitroaniline	9.69	138	7573	3.53	ng		82
54) Dibenzofuran	9.94	168	65502	7.38	ng		94
55) 4-Nitrophenol	9.85	139	13593	8.34	ng	#	74
56) 2,4-Dinitrotoluene	9.92	165	13635	6.18	ng	#	31
57) Fluorene	10.28	166	48056	7.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	7790	4.99	ng	#	47
59) Diethylphthalate	10.16	149	50892	6.66	ng		95
60) 4-Chlorophenyl-phenylether	10.27	204	21803	6.86	ng	#	84
61) 4-Nitroaniline	10.28	138	8373	4.05	ng		75
62) Azobenzene	10.43	77	56982	6.54	ng		92
65) n-Nitrosodiphenylamine	10.40	169	41564	6.26	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	13977	7.07	ng	#	87
67) Hexachlorobenzene	10.83	284	13453	6.15	ng	#	74
68) Atrazine	10.92	200	11362	5.49	ng		90
69) Pentachlorophenol	11.03	266	5814	4.49	ng		98
70) Phenanthrene	11.23	178	77653	7.24	ng		98
71) Anthracene	11.29	178	74953	7.03	ng		97
72) Carbazole	11.44	167	62851	6.26	ng		99
73) Di-n-butylphthalate	11.79	149	88740	7.60	ng		97
74) Fluoranthene	12.41	202	69859	6.43	ng		94
77) Pyrene	12.64	202	70691	5.70	ng		99
79) Butylbenzylphthalate	13.27	149	30475	5.51	ng	#	58
80) Benzo(a)anthracene	13.83	228	54434	5.78	ng		99
82) Chrysene	13.86	228	52278	5.61	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	53806	8.52	ng	#	99
84) Di-n-octyl phthalate	14.45	149	57499	5.36	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.48	276	40670	5.67	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	77452	11.92	ng	#	94
88) Benzo(k)fluoranthene	14.82	252	77452	13.69	ng		98
89) Benzo(a)pyrene	15.14	252	36601	6.65	ng		98
90) Dibenzo(a,h)anthracene	16.50	278	33650	7.32	ng		96
91) Benzo(g,h,i)perylene	16.87	276	34215	7.20	ng		95

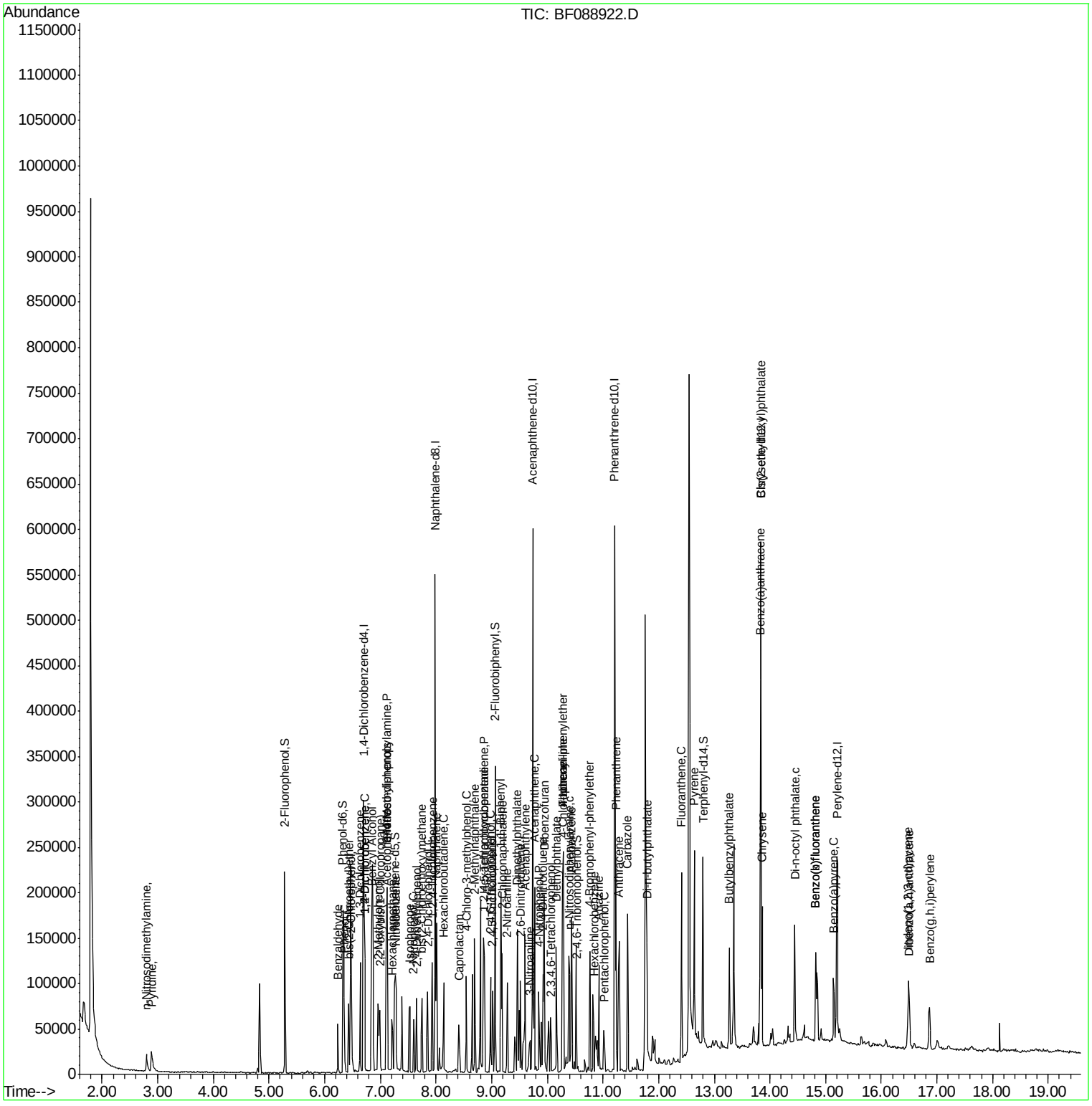
(#) = qualifier out of range (m) = manual integration (+) = signals summed

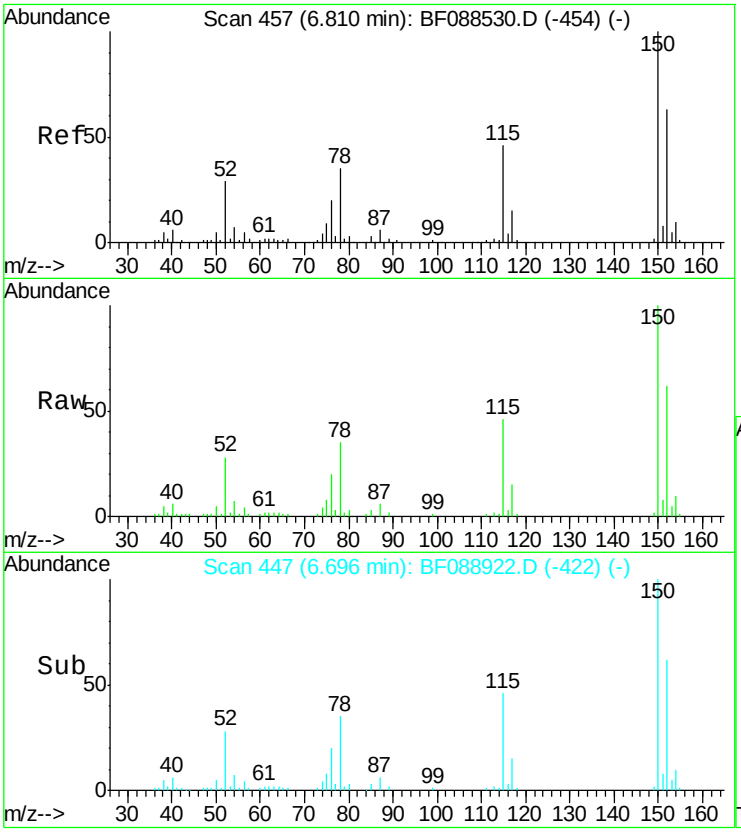
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
Data File : BF088922.D
Acq On : 12 Jul 2016 13:57
Operator : UM/SJ
Sample : PB91808BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 12 16:03:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

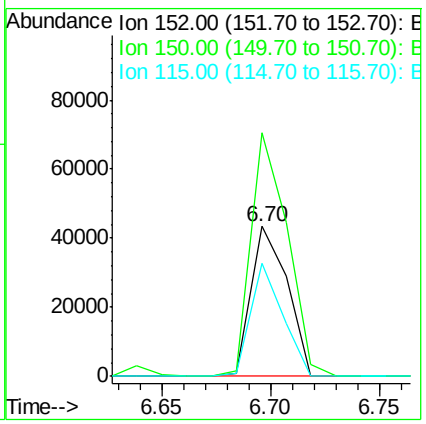




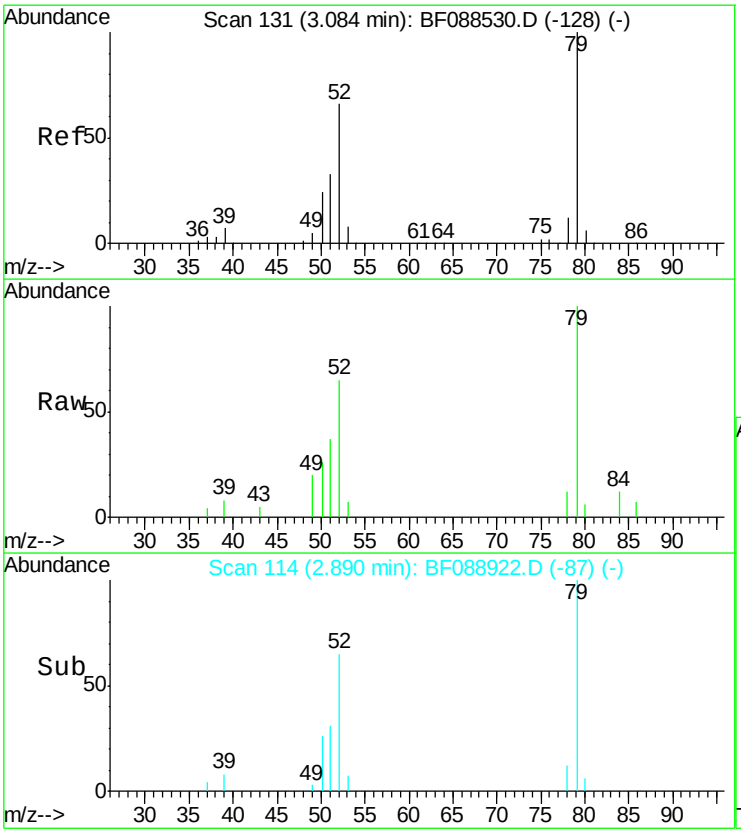
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:152 Resp: 50235

Ion	Ratio	Lower	Upper
152	100		
150	162.5	123.8	185.6
115	75.1	39.6	59.4#



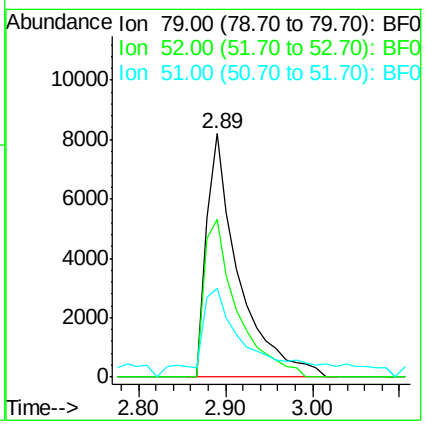
Instrument :
BNA_F
ClientSampleId :

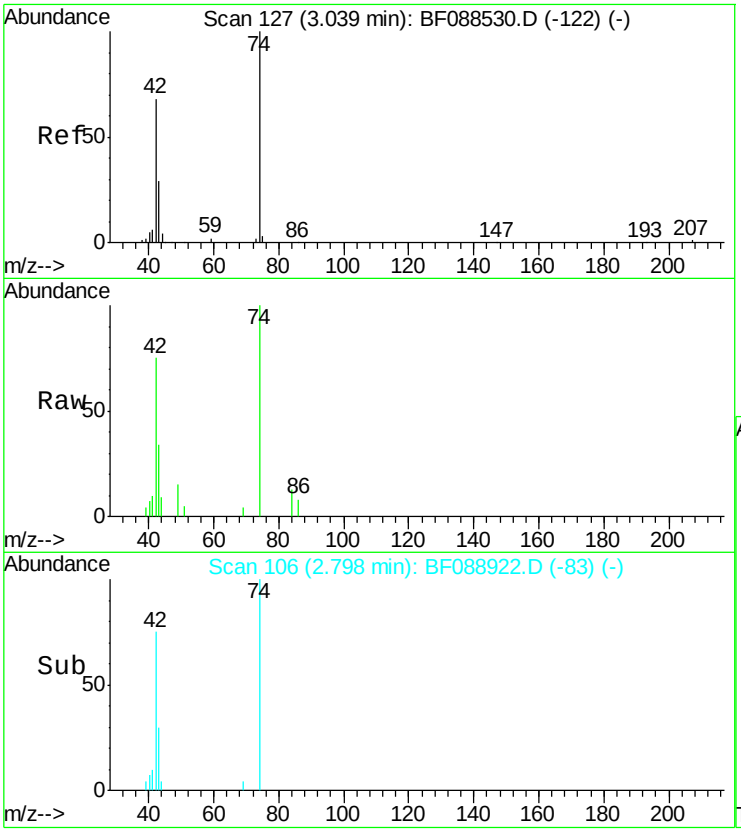


#3
Pyridine
Concen: 4.37 ng
RT: 2.89 min Scan# 114
Delta R.T. 0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion: 79 Resp: 21088

Ion	Ratio	Lower	Upper
79	100		
52	64.9	56.3	84.5
51	36.7	27.4	41.2



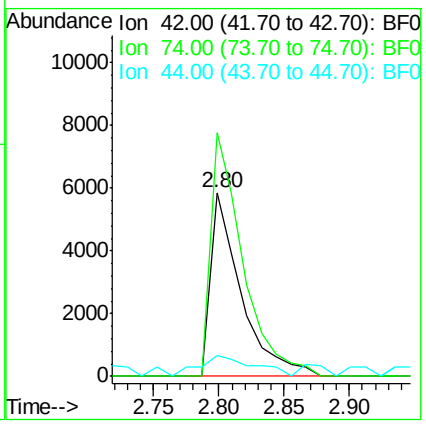


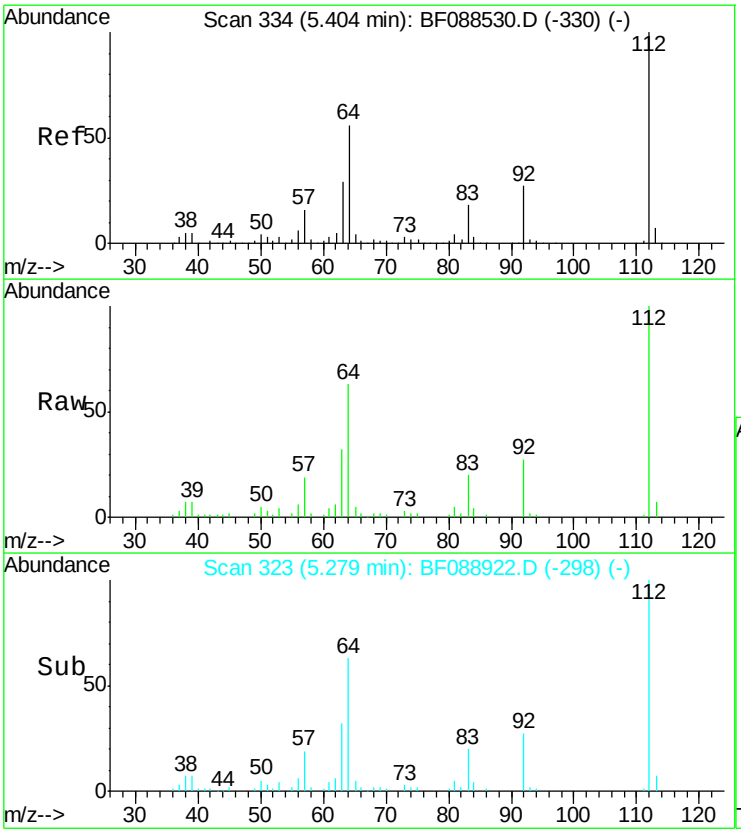
#4
n-Nitrosodimethylamine
Concen: 5.21 ng
RT: 2.80 min Scan# 106
Delta R.T. -0.03 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 9590

Ion	Ratio	Lower	Upper
42	100		
74	132.5	108.6	163.0
44	11.6	5.5	8.3#

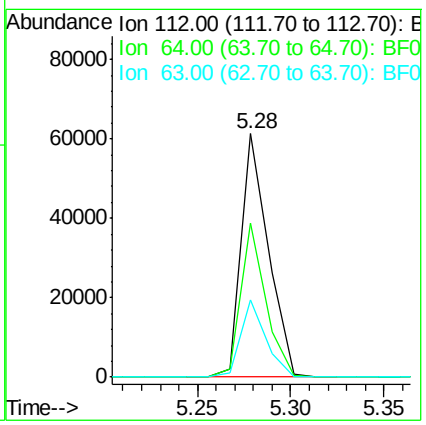


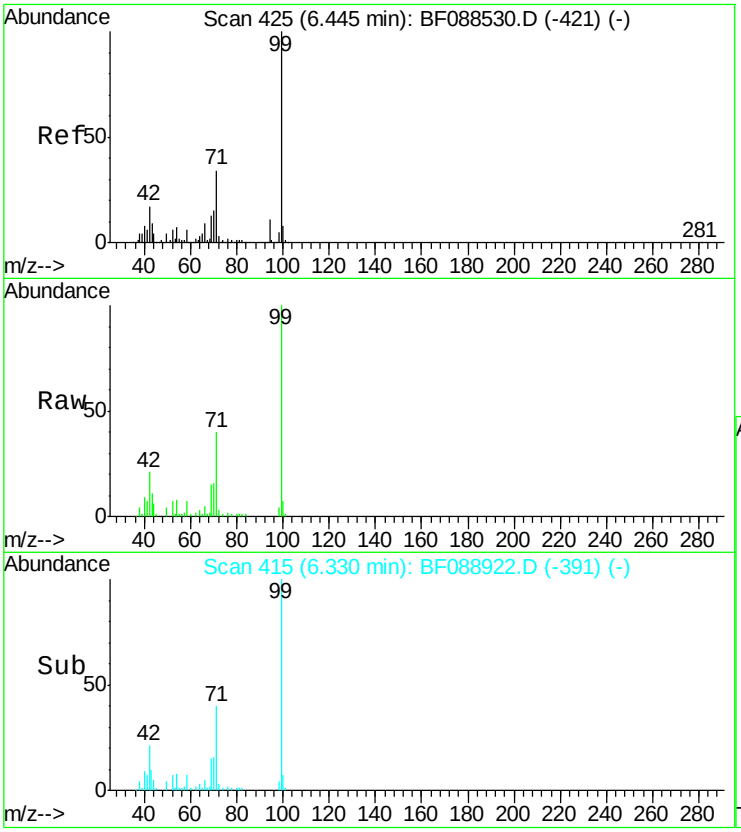


#5
2-Fluorophenol
Concen: 18.48 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:112 Resp: 61927

Ion	Ratio	Lower	Upper
112	100		
64	63.4	42.2	63.2#
63	31.6	21.8	32.8



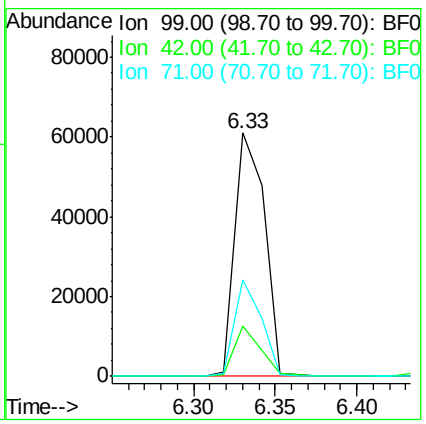


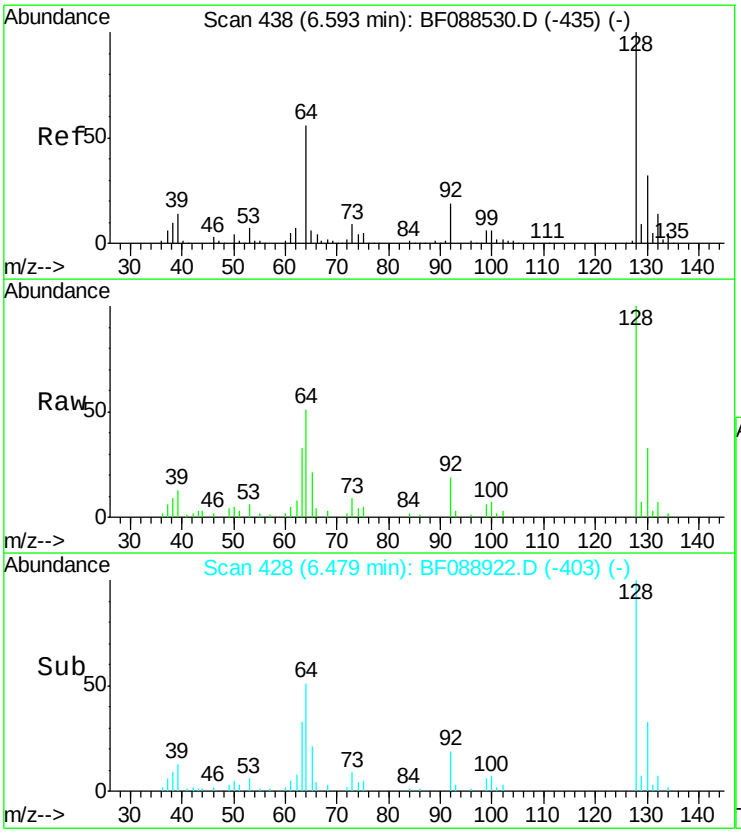
#7
Phenol-d6
Concen: 17.62 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 76314

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.2	18.2#
71	39.5	23.4	35.0#

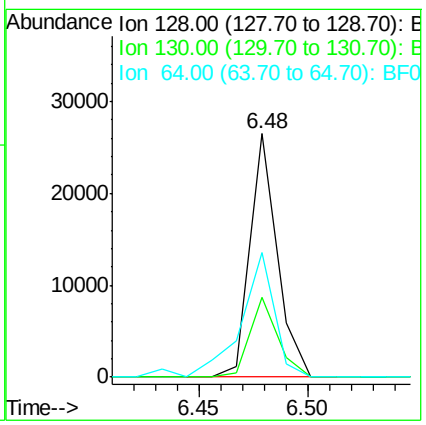


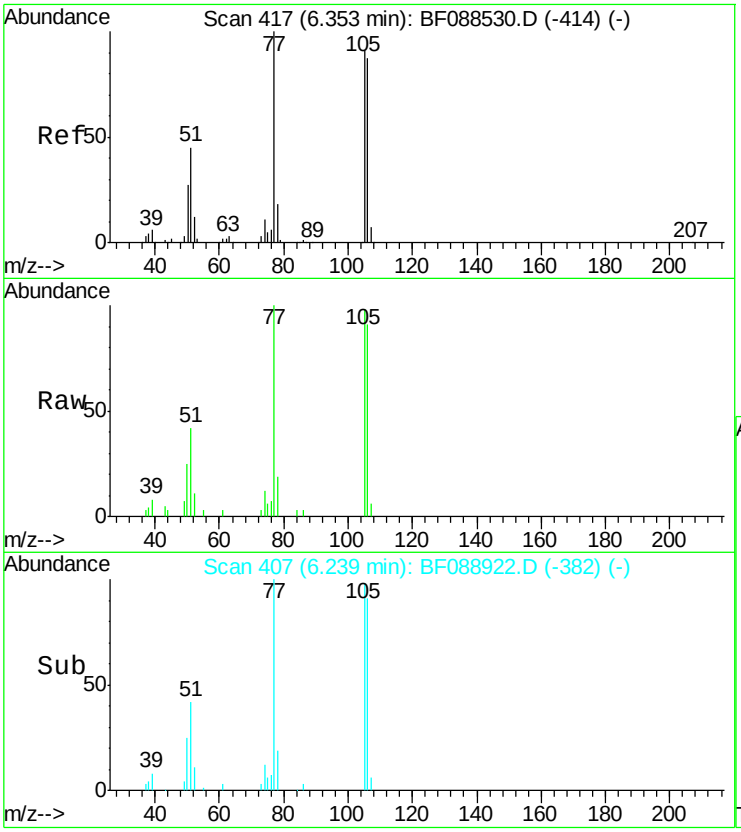


#8
2-Chlorophenol
Concen: 6.40 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:128 Resp: 23060

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	51.1	30.8	70.8



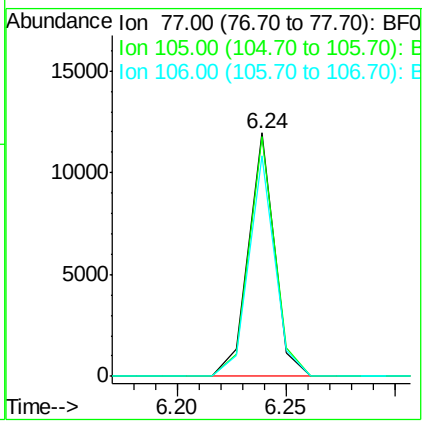


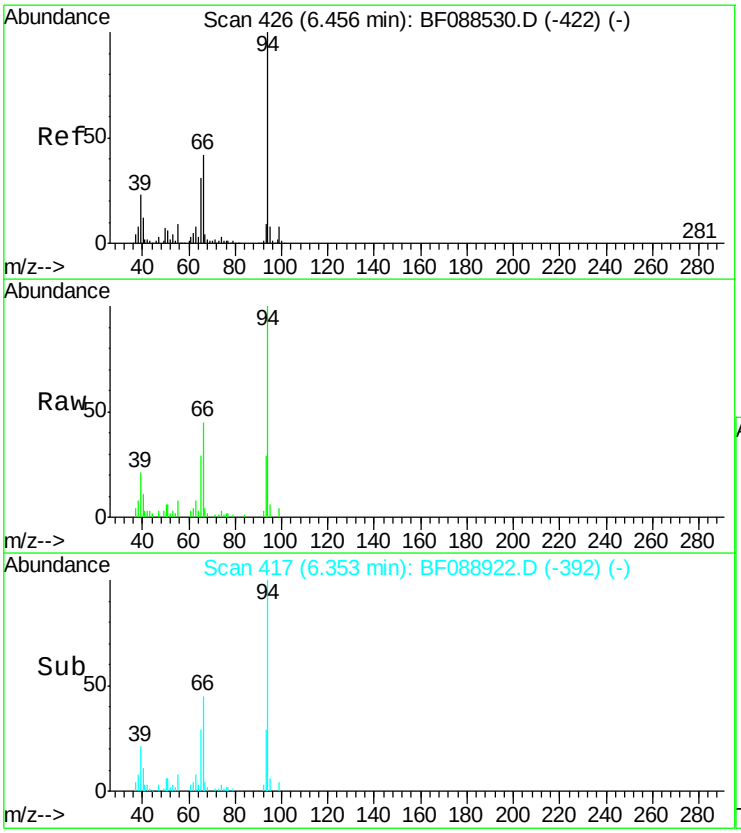
#9
Benzaldehyde
Concen: 3.39 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 9941

Ion	Ratio	Lower	Upper
77	100		
105	98.4	90.6	130.6
106	90.7	85.3	125.3

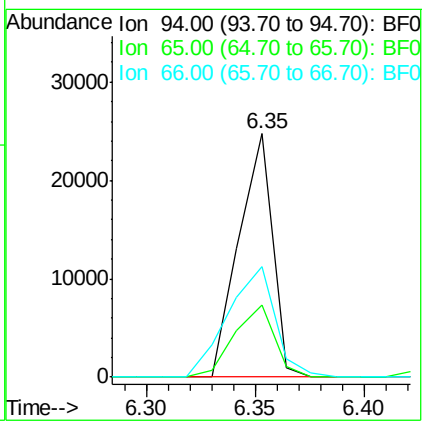


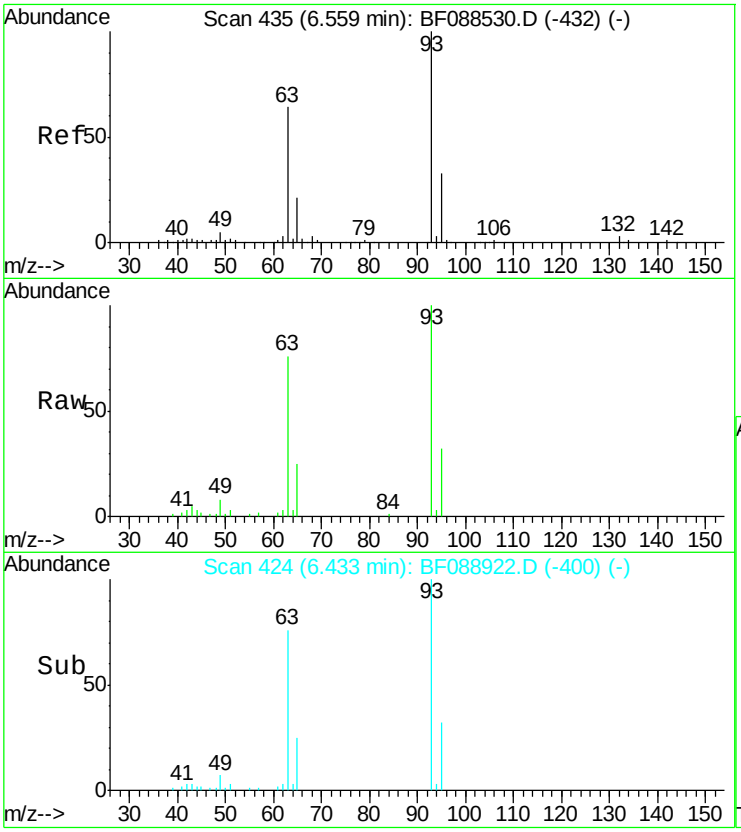


#10
Phenol
Concen: 5.37 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion: 94 Resp: 26561

Ion	Ratio	Lower	Upper
94	100		
65	29.5	5.9	45.9
66	45.3	14.0	54.0



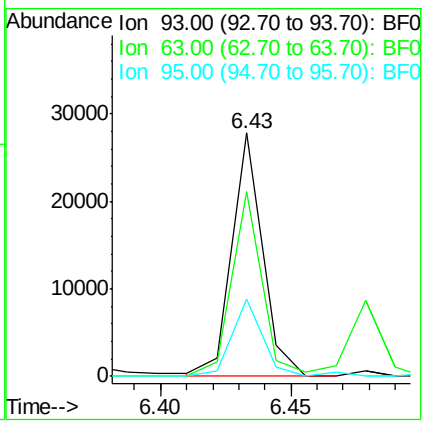


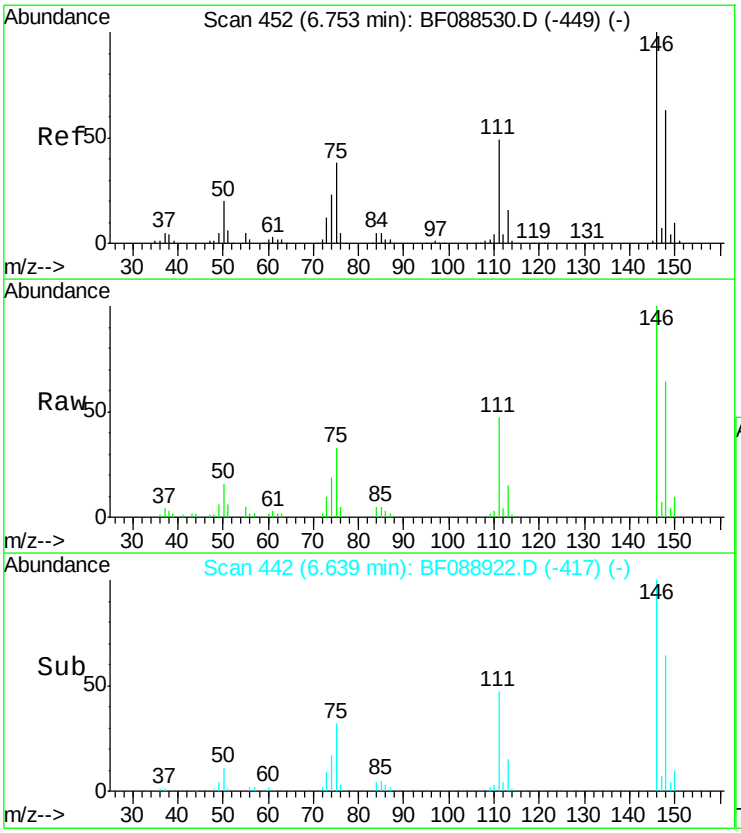
#11
bis(2-Chloroethyl)ether
Concen: 6.23 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 22967

Ion	Ratio	Lower	Upper
93	100		
63	75.7	67.6	107.6
95	31.6	12.5	52.5

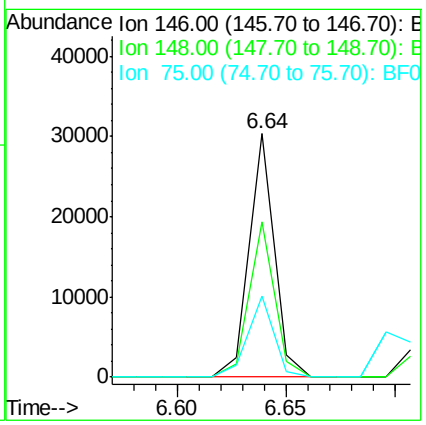


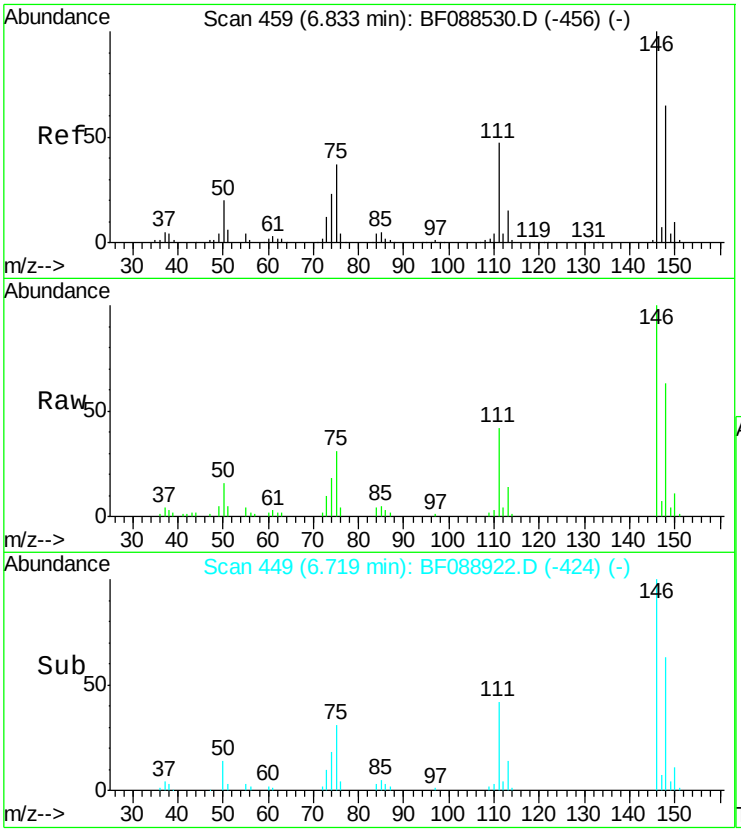


#12
1,3-Dichlorobenzene
Concen: 6.17 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:146 Resp: 24464

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	33.3	25.6	38.4

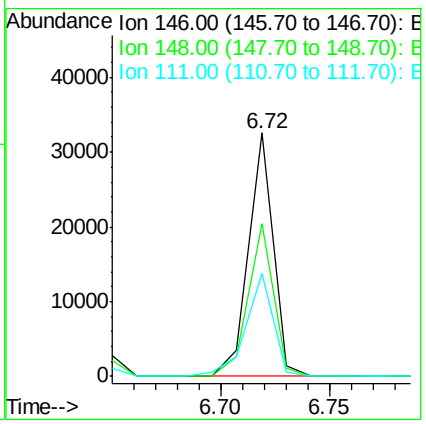




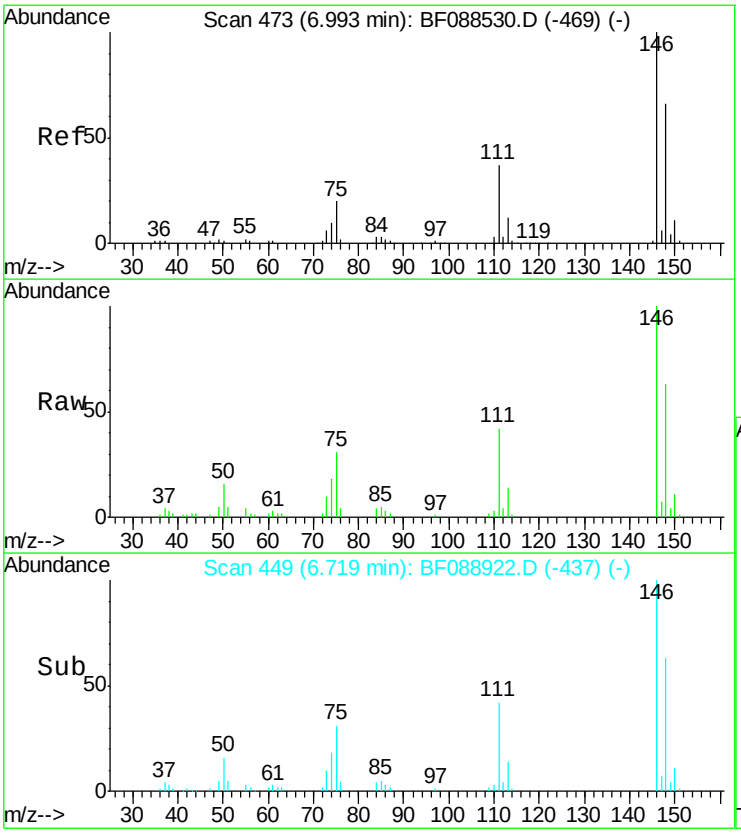
#13
1,4-Dichlorobenzene
Concen: 6.52 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:146 Resp: 25636

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.0	78.0
111	42.1	33.8	50.8



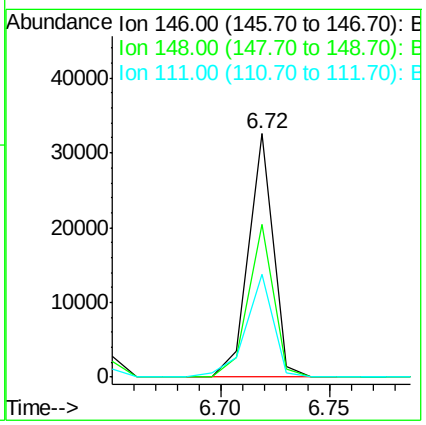
Instrument :
BNA_F
ClientSampleId :

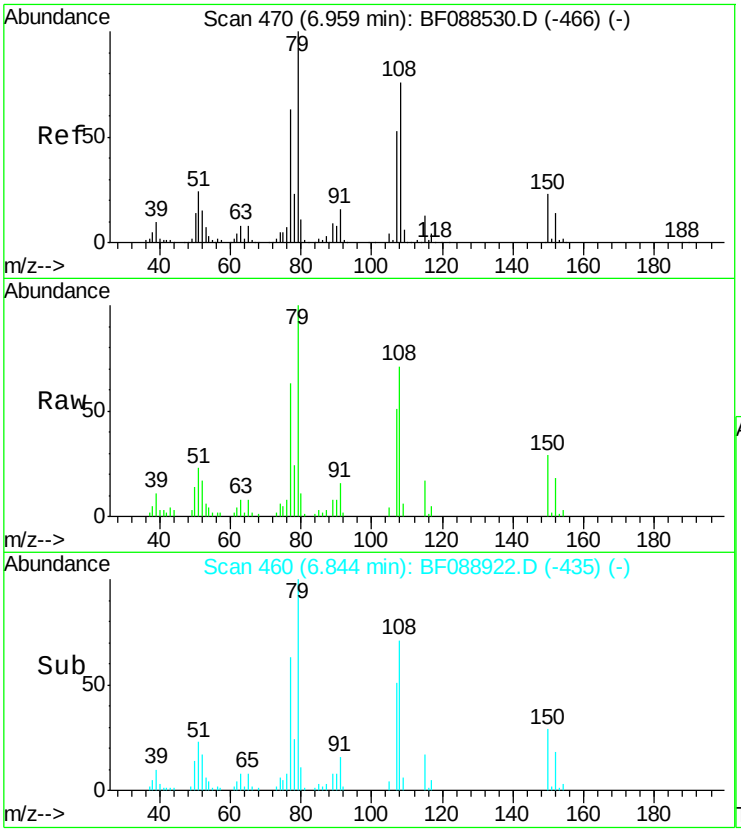


#14
1,2-Dichlorobenzene
Concen: 6.96 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.16 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:146 Resp: 25636

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
111	42.1	28.7	43.1



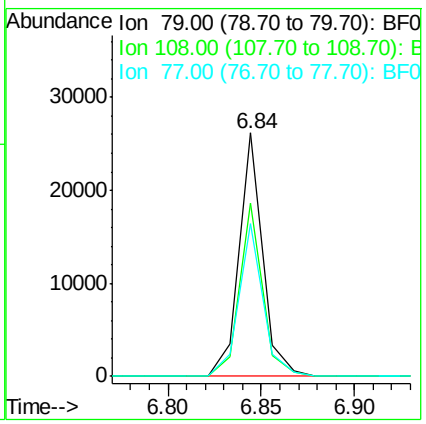


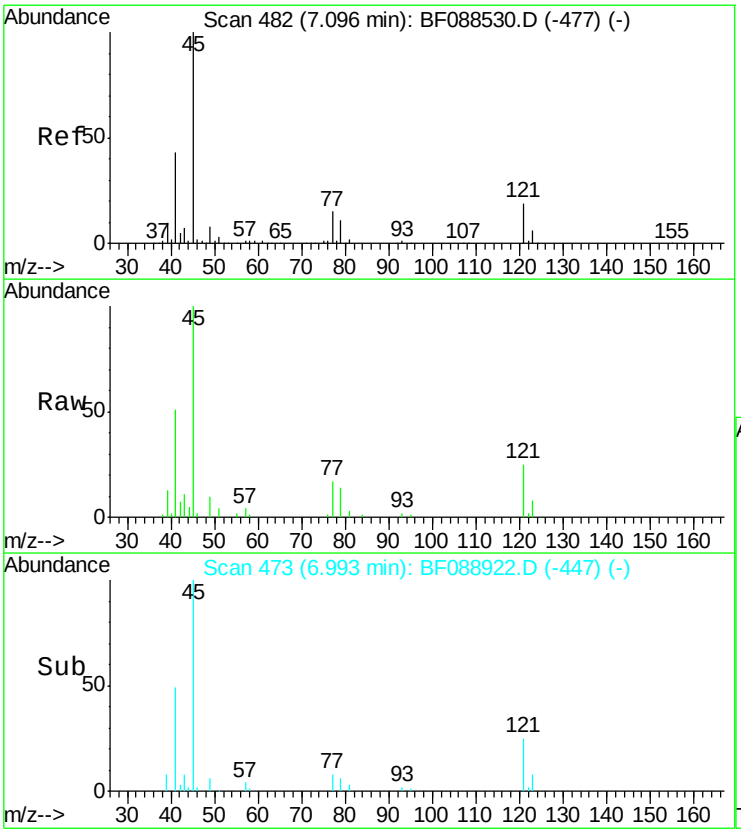
#15
Benzyl Alcohol
Concen: 7.19 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 22934

Ion	Ratio	Lower	Upper
79	100		
108	71.2	65.0	97.6
77	62.6	50.3	75.5

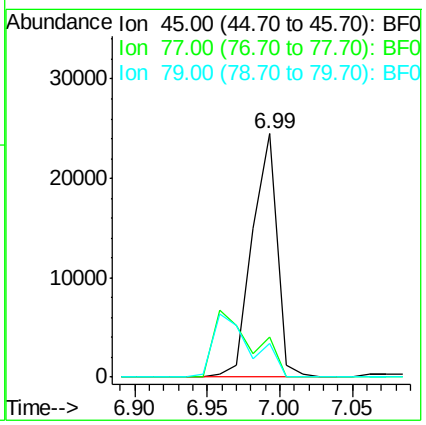


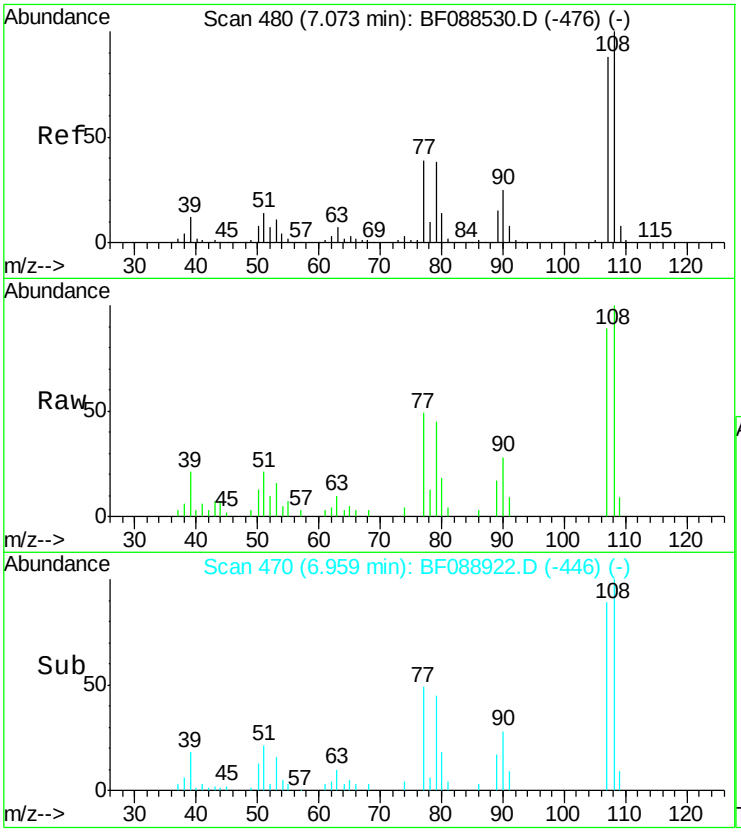


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.47 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion: 45 Resp: 29208

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	32.5
79	13.6	0.0	29.5



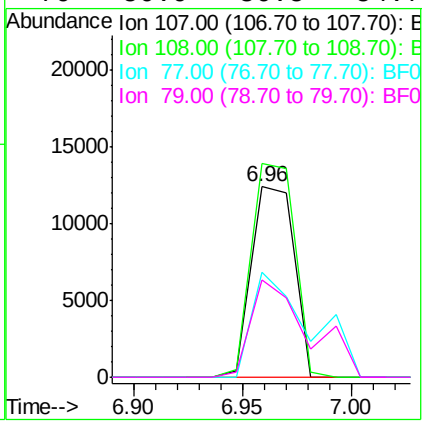


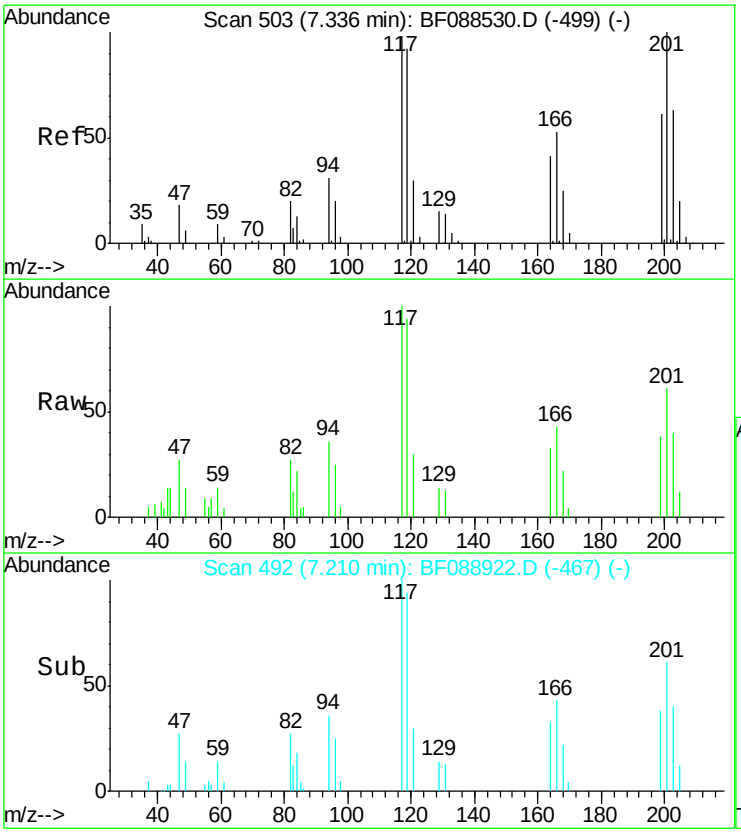
#17
2-Methylphenol
Concen: 5.81 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 17075

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.9	136.3
77	54.9	36.6	55.0
79	50.9	36.5	54.7

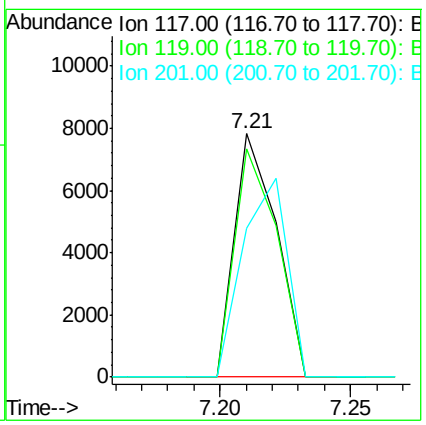


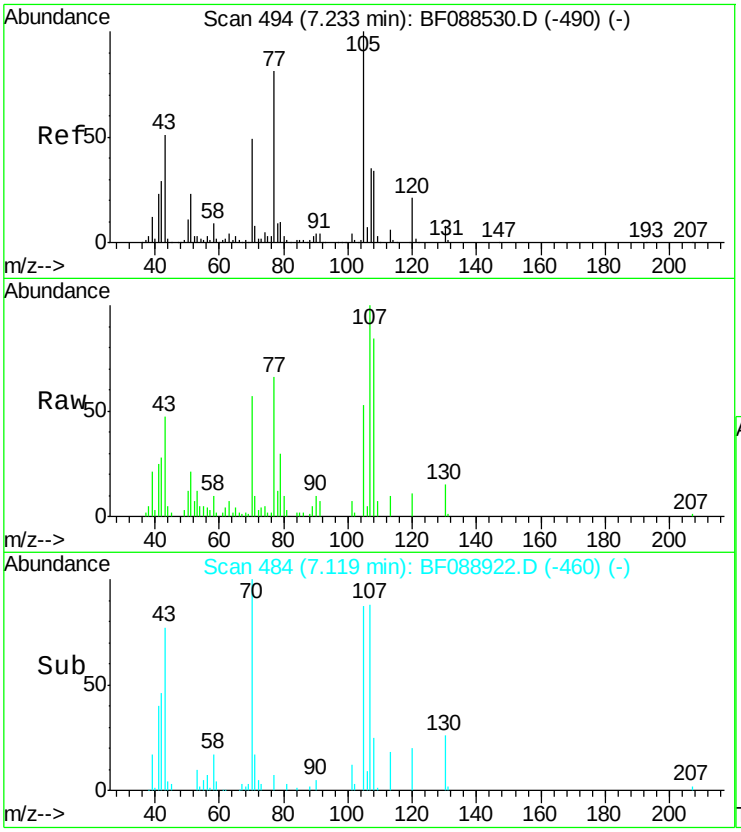


#18
Hexachloroethane
Concen: 5.78 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:117 Resp: 8803

Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.4	116.2
201	61.1	80.4	120.6#



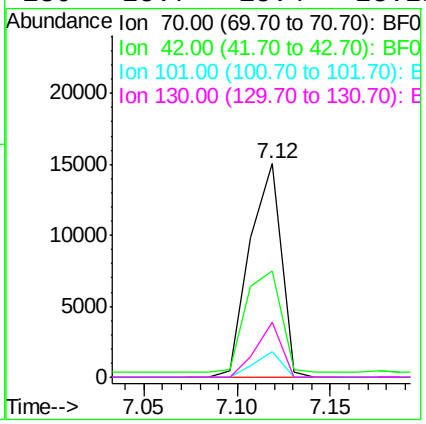


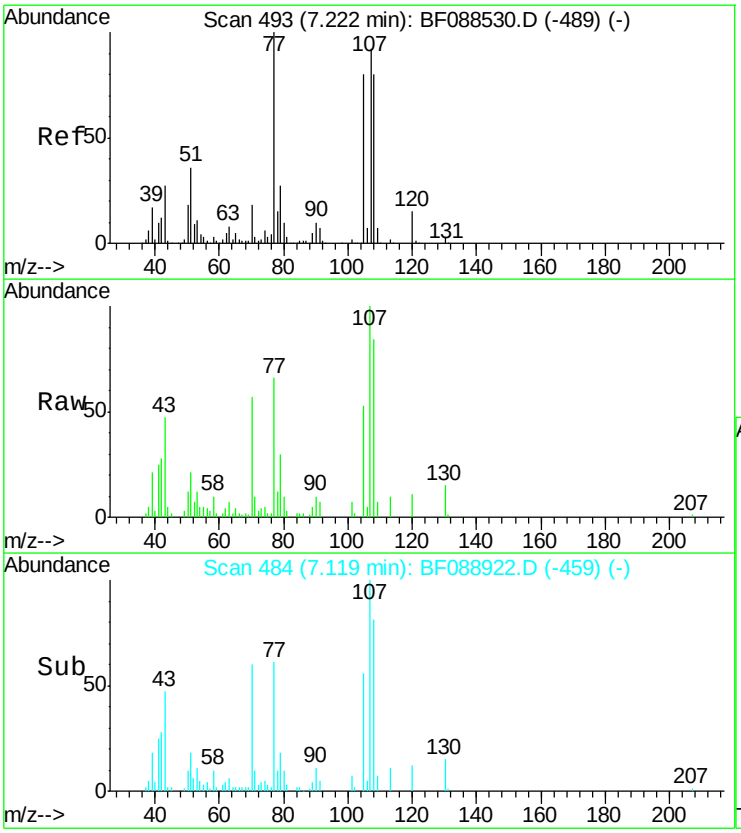
#19
n-Nitroso-di-n-propylamine
Concen: 6.06 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 17620

Ion	Ratio	Lower	Upper
70	100		
42	49.9	49.6	74.4
101	11.8	7.1	10.7#
130	25.7	15.4	23.2#

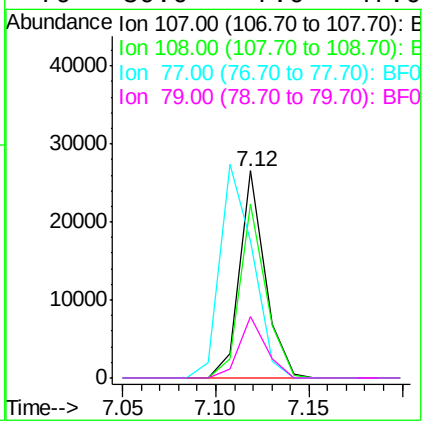


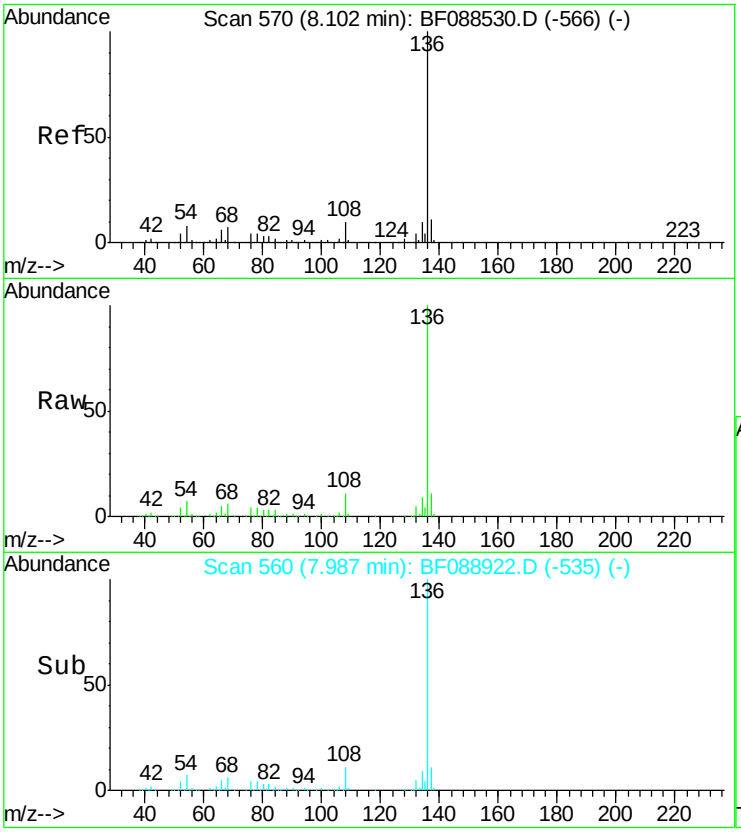


#20
3+4-Methylphenols
Concen: 7.21 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:107 Resp: 25420

Ion	Ratio	Lower	Upper
107	100		
108	84.2	67.8	107.8
77	65.9	59.3	99.3
79	30.0	7.0	47.0



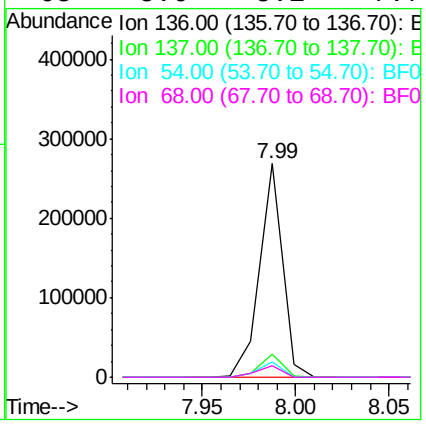


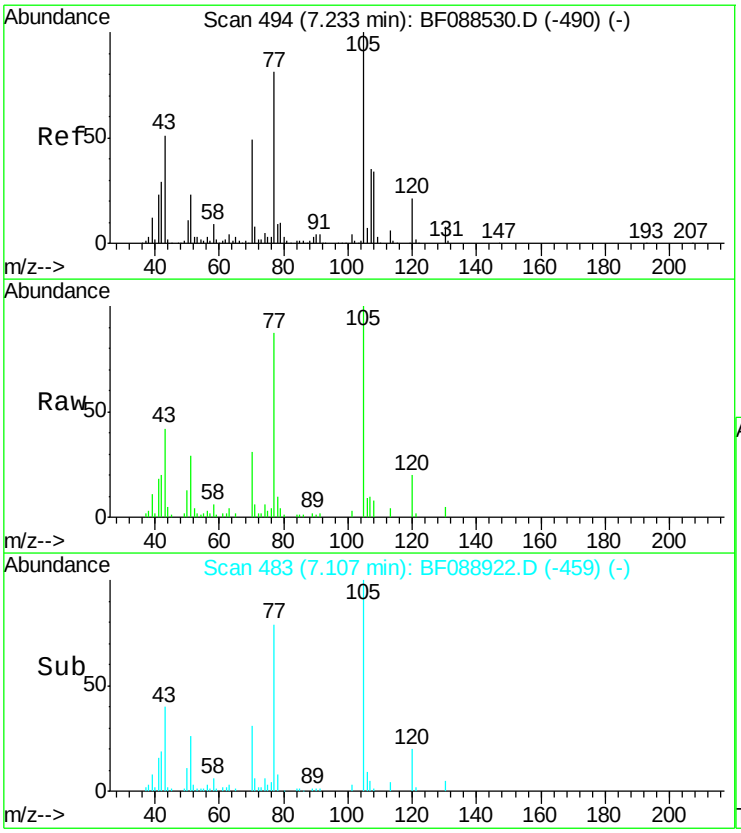
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 227661

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.3	6.6	10.0
68	5.6	5.1	7.7

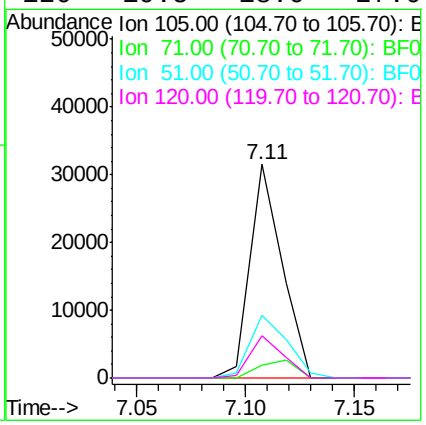


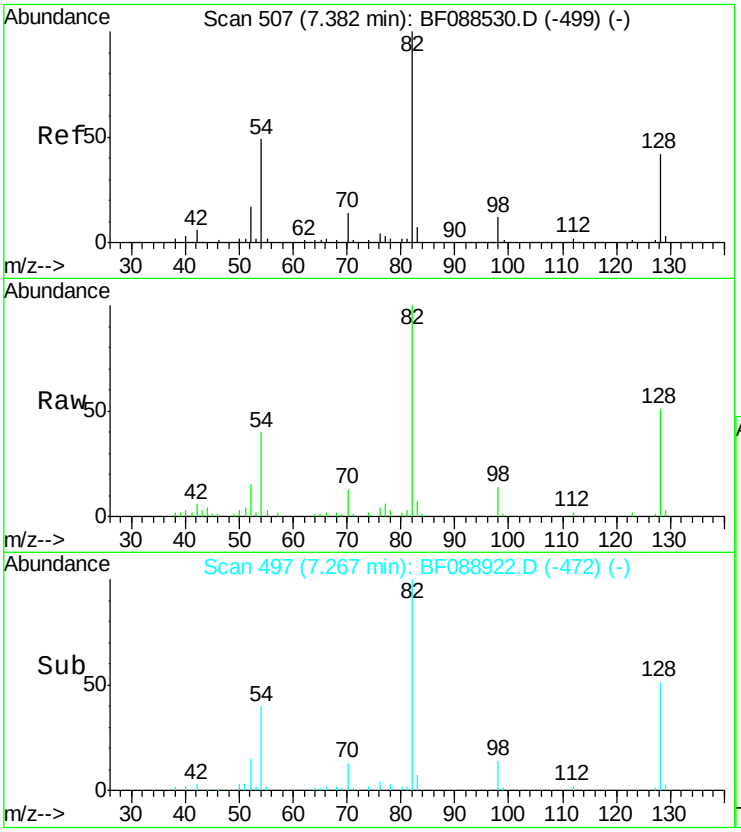


#22
Acetophenone
Concen: 5.87 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:105 Resp: 32436

Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.3	7.9
51	29.5	18.2	27.4#
120	19.5	18.0	27.0



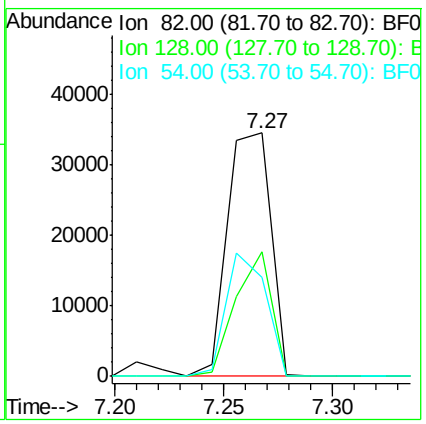


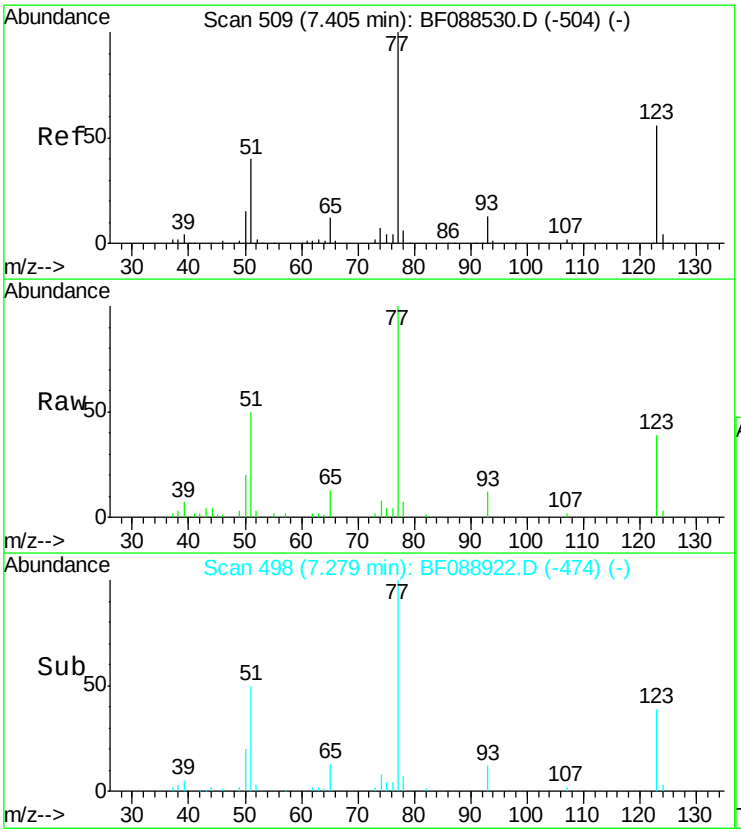
#23
Nitrobenzene-d5
Concen: 11.03 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 47927

Ion	Ratio	Lower	Upper
82	100		
128	51.0	35.9	53.9
54	40.4	40.9	61.3#

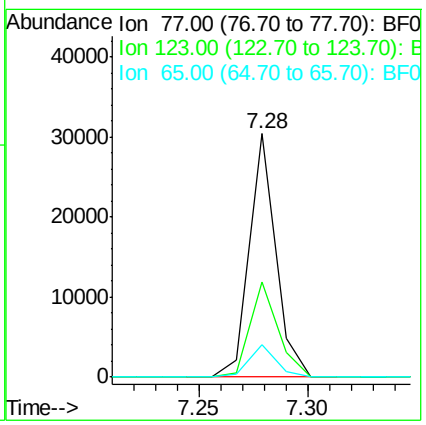


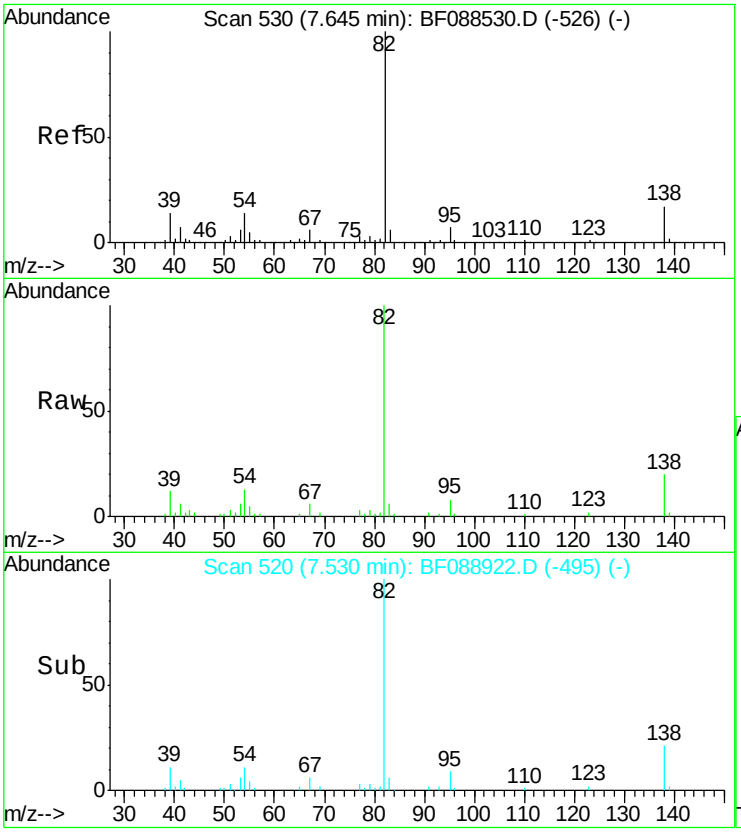


#24
Nitrobenzene
Concen: 5.86 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion: 77 Resp: 25669

Ion	Ratio	Lower	Upper
77	100		
123	39.2	45.0	67.4#
65	13.5	10.2	15.2



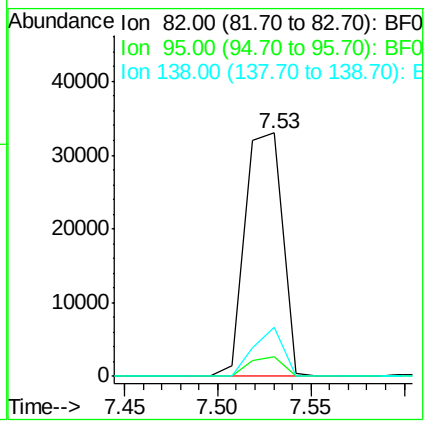


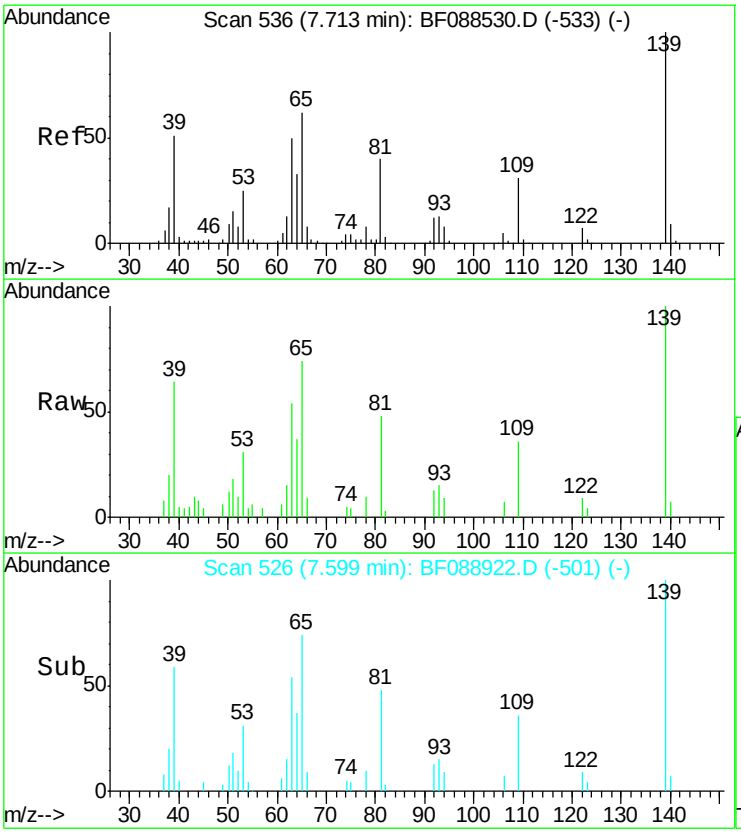
#25
Isophorone
Concen: 5.69 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 45775

Ion	Ratio	Lower	Upper
82	100		
95	8.2	5.4	8.2
138	20.3	14.6	21.8

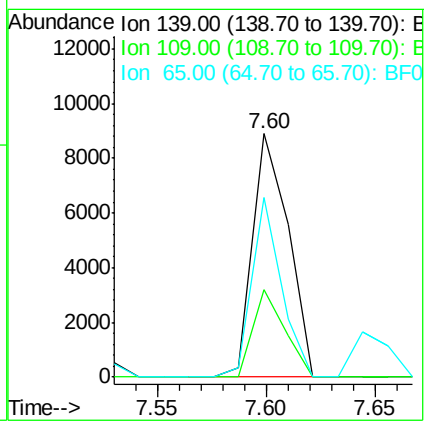


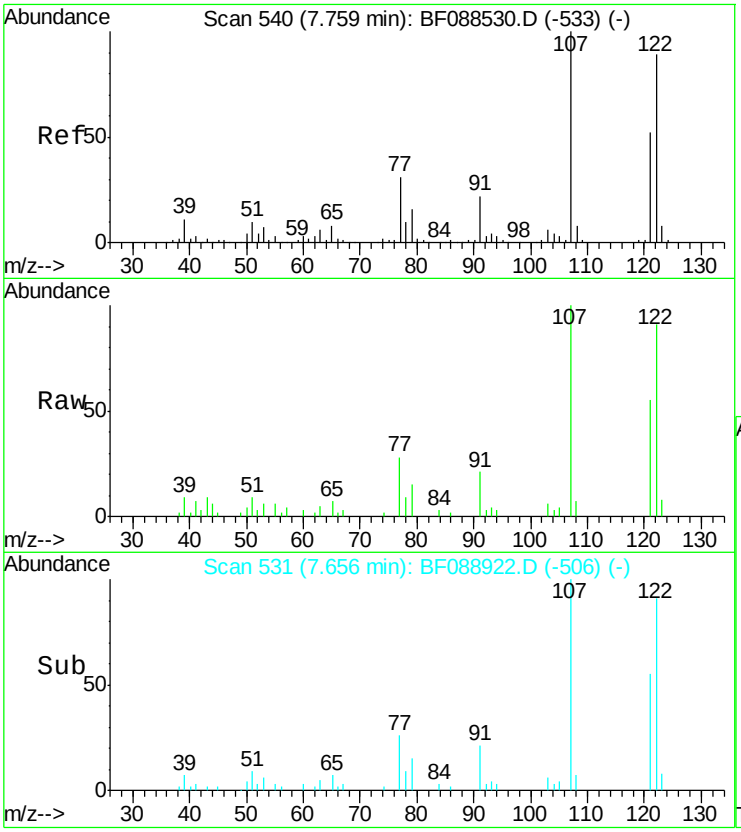


#26
2-Nitrophenol
Concen: 5.65 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:139 Resp: 10157

Ion	Ratio	Lower	Upper
139	100		
109	35.7	23.0	34.4#
65	73.7	45.8	68.8#



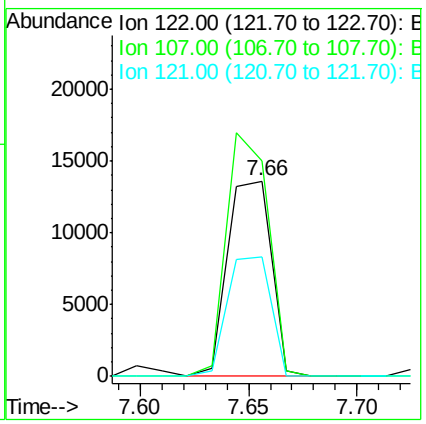


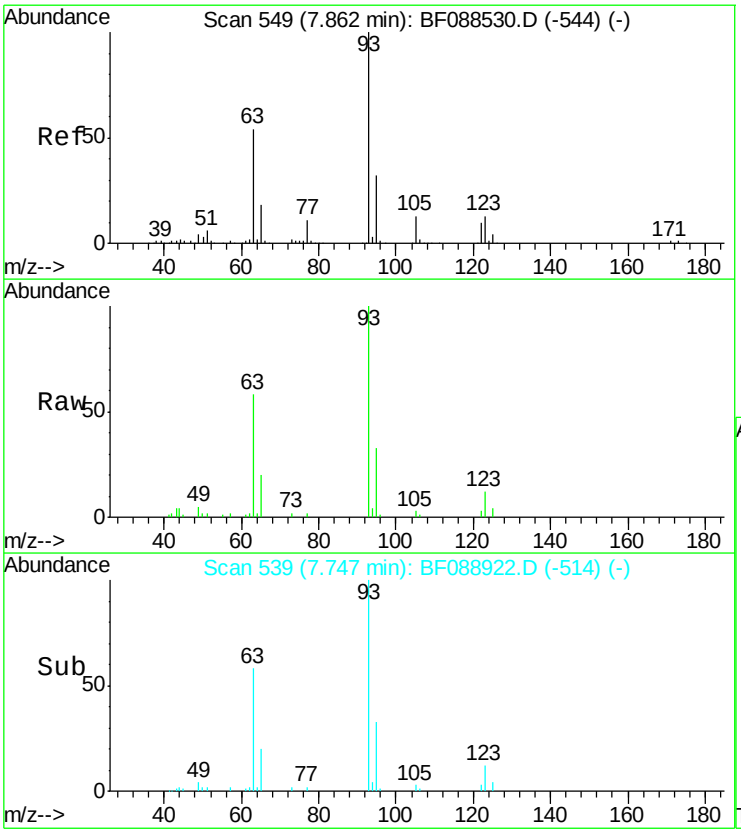
#27
2,4-Dimethylphenol
Concen: 5.09 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 19036

Ion	Ratio	Lower	Upper
122	100		
107	110.2	82.4	123.6
121	60.8	46.3	69.5

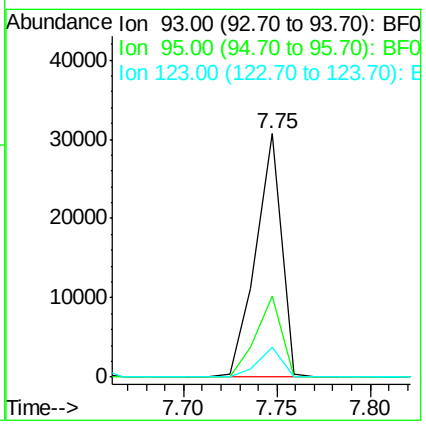


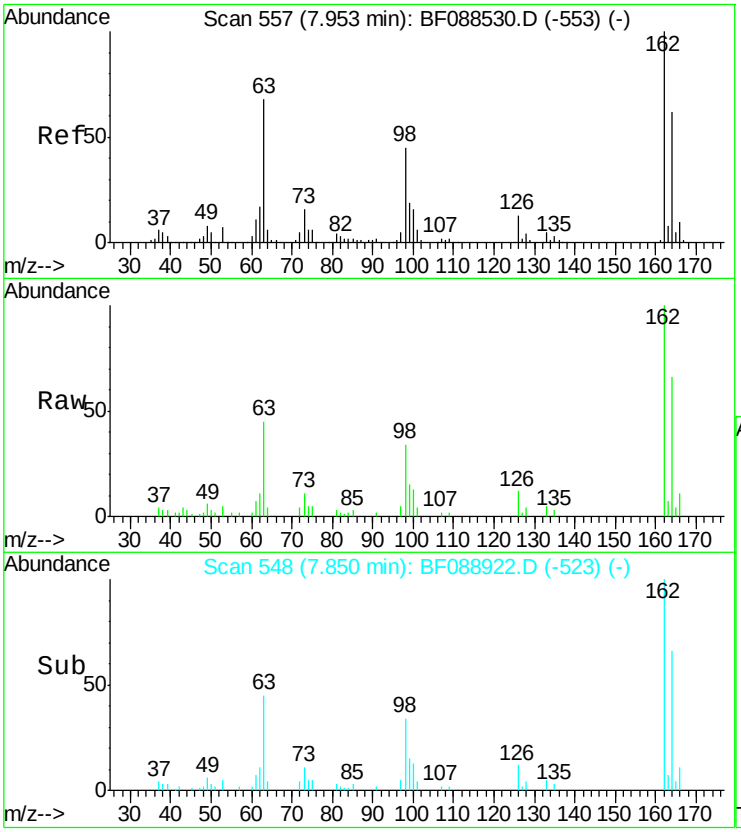


#28
bis(2-Chloroethoxy)methane
Concen: 5.60 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion: 93 Resp: 29307

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.3	11.6	17.4



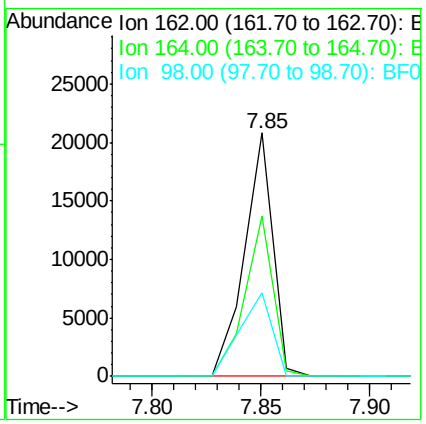


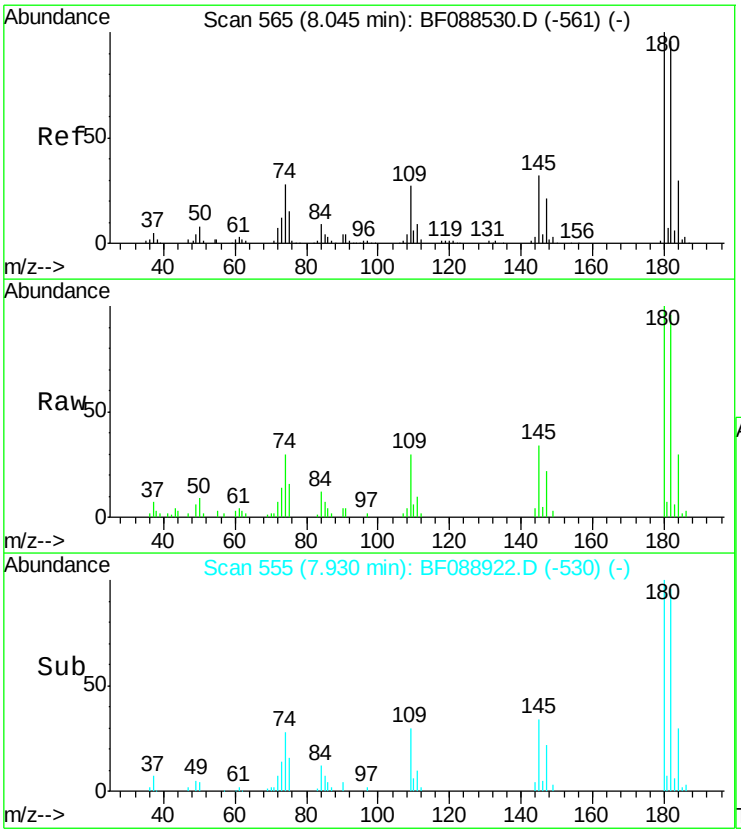
#29
2,4-Dichlorophenol
Concen: 6.24 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 18853

Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.8	83.8
98	34.2	21.3	61.3

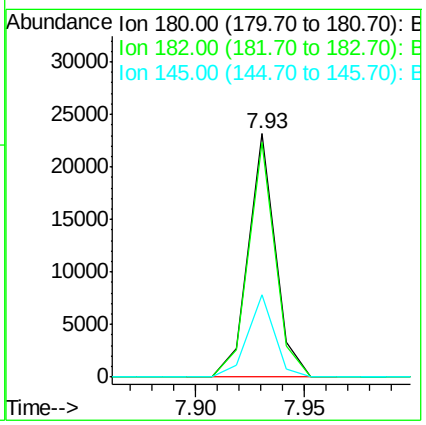


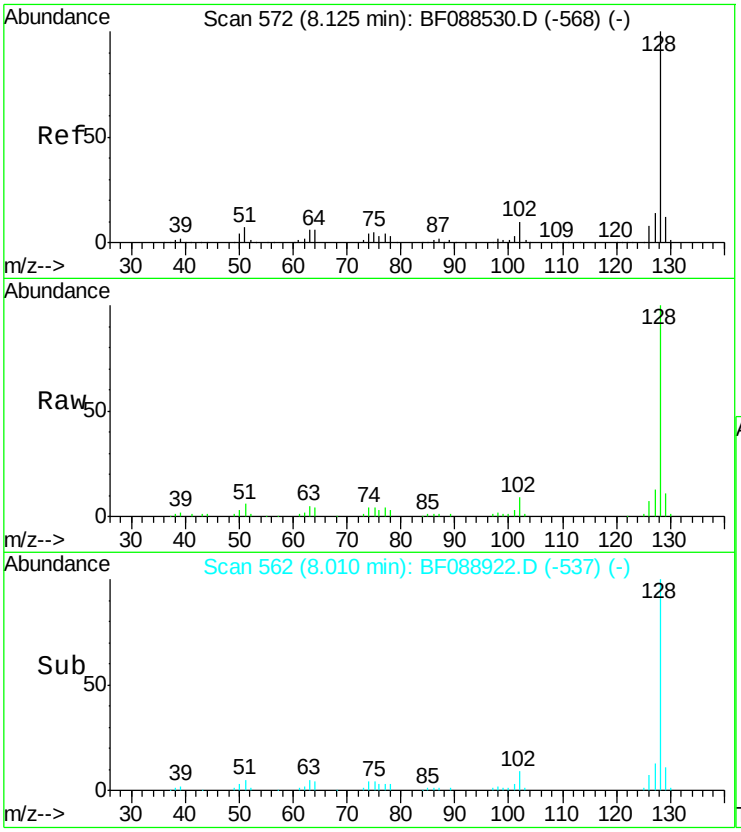


#30
1,2,4-Trichlorobenzene
Concen: 6.04 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:180 Resp: 20036

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	33.9	26.5	39.7



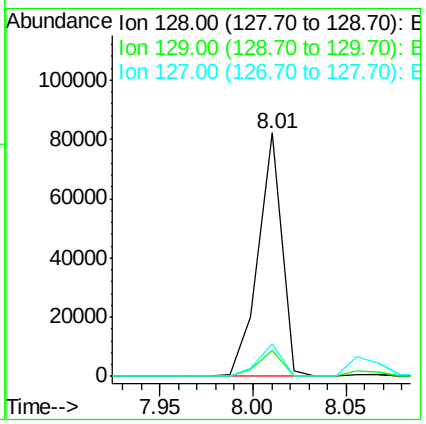


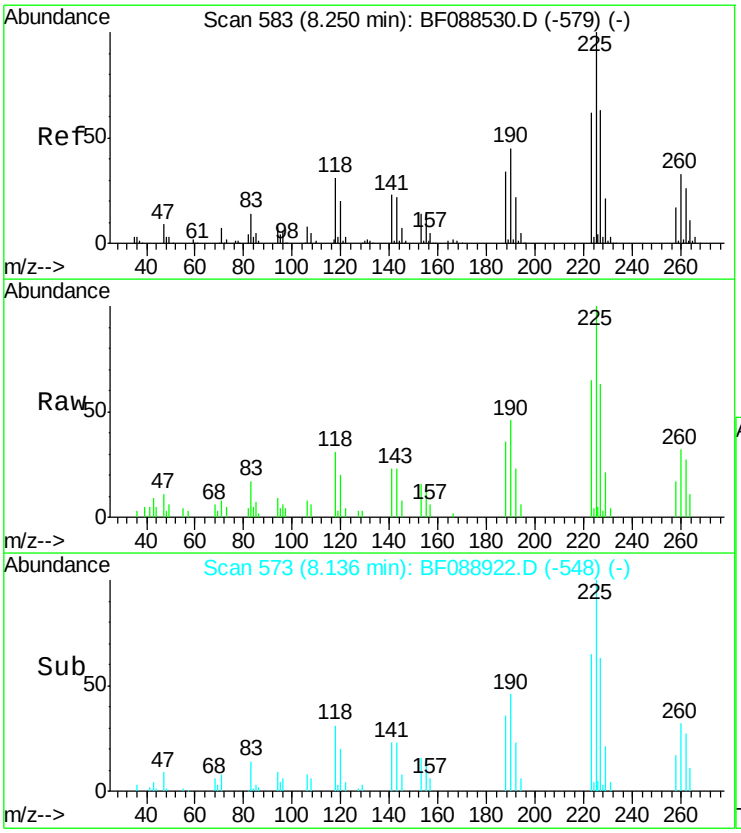
#31
Naphthalene
Concen: 6.41 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 71961

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	13.3	10.9	16.3

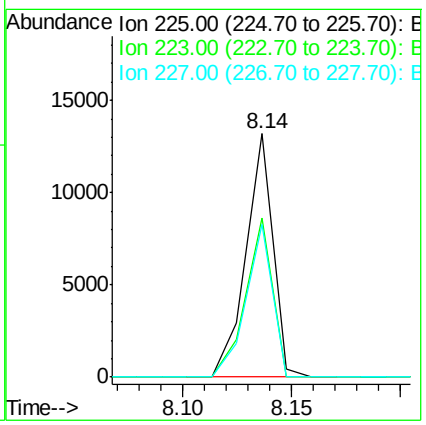


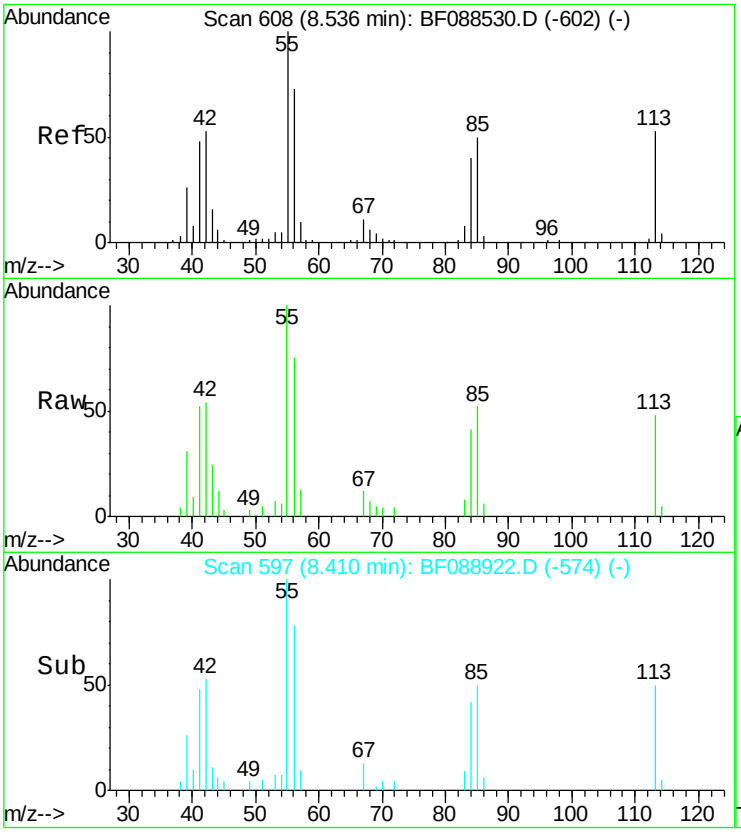


#34
Hexachlorobutadiene
Concen: 6.41 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:225 Resp: 11388

Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.9	76.3
227	62.6	51.9	77.9



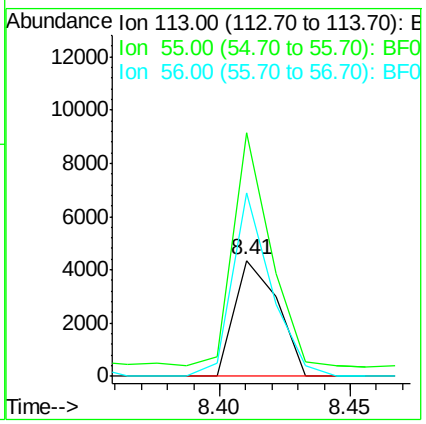


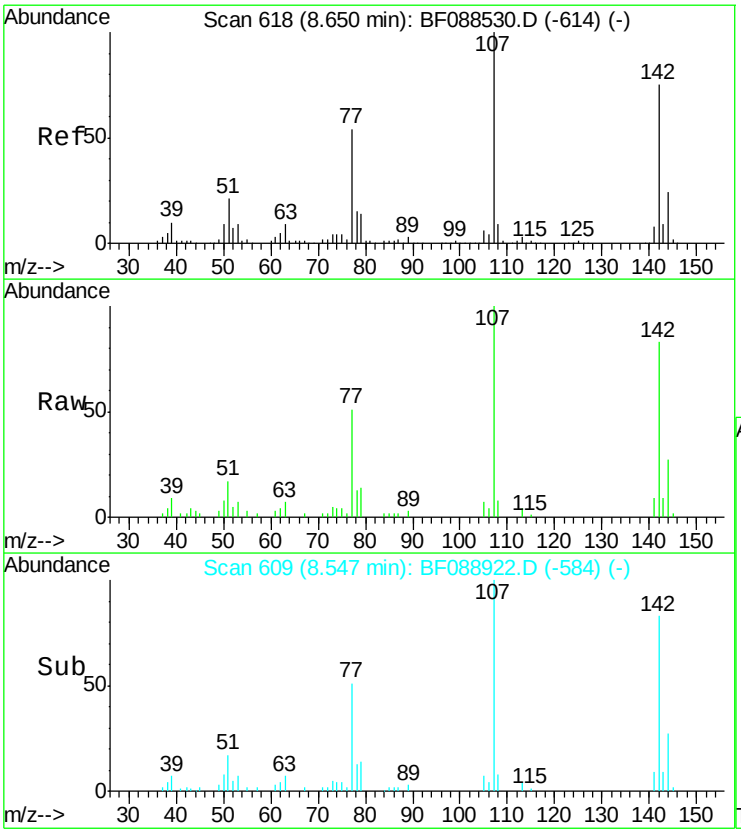
#35
Caprolactam
Concen: 4.91 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.03 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 5042

Ion	Ratio	Lower	Upper
113	100		
55	209.5	158.6	198.6#
56	157.8	110.6	150.6#

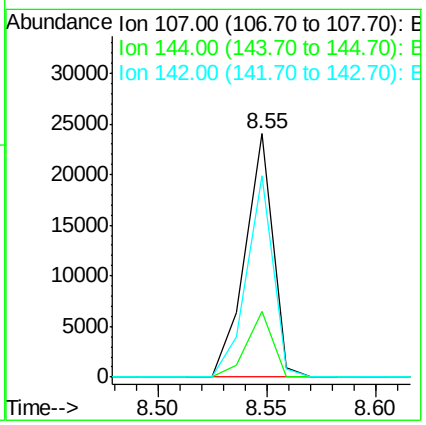


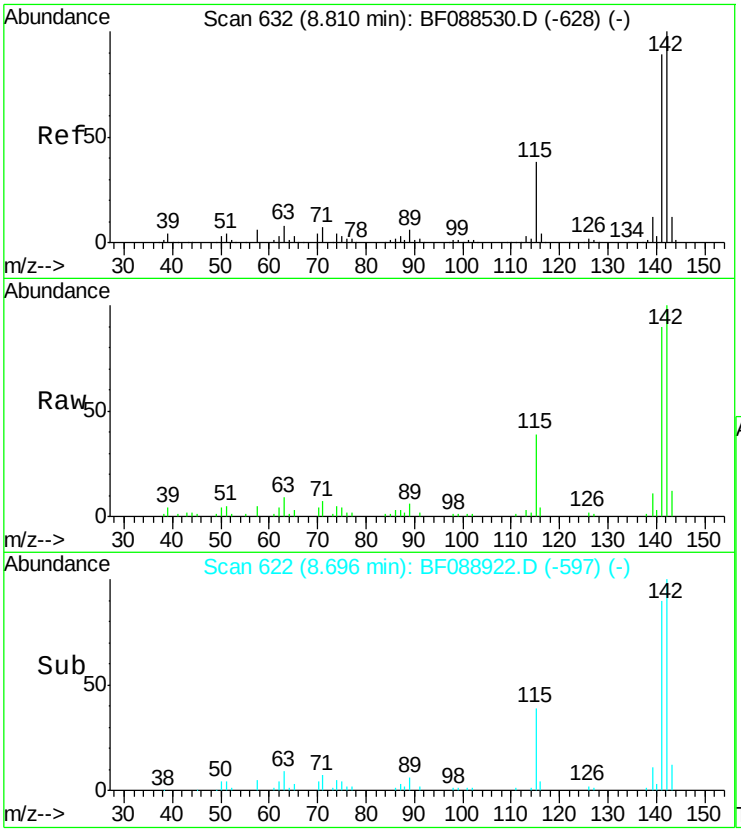


#36
4-Chloro-3-methylphenol
Concen: 6.03 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:107 Resp: 21549

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.8	31.2
142	82.9	63.4	95.2



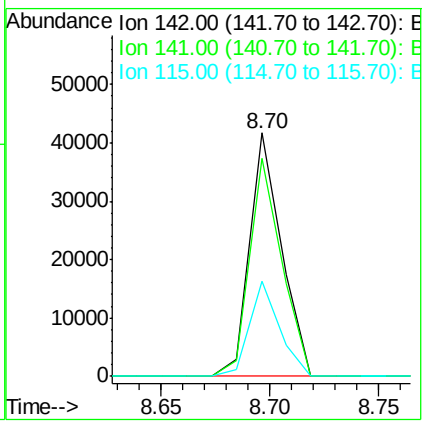


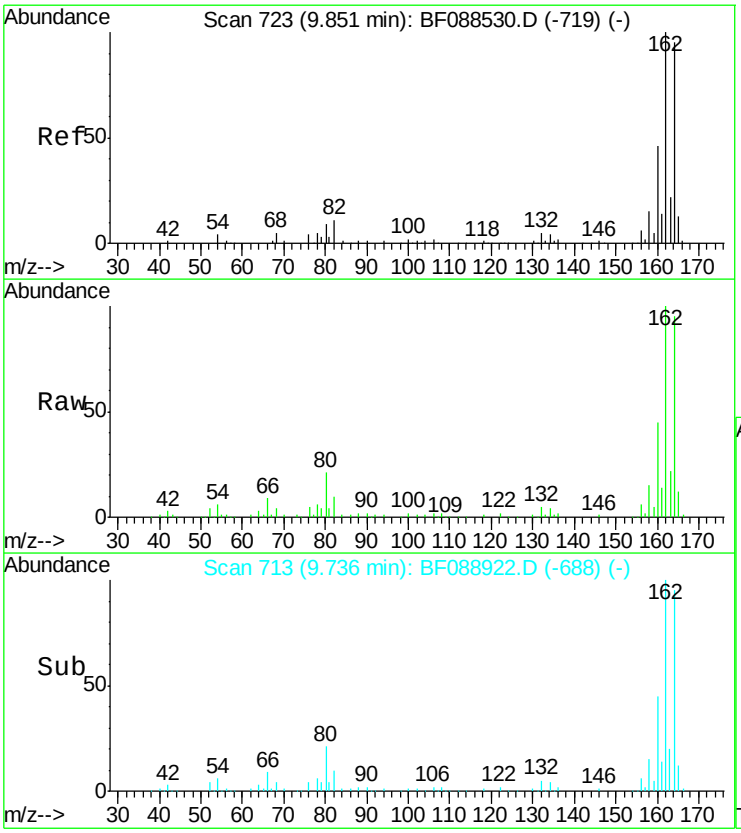
#37
2-Methylnaphthalene
Concen: 5.90 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 42631

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	39.0	22.6	33.8#

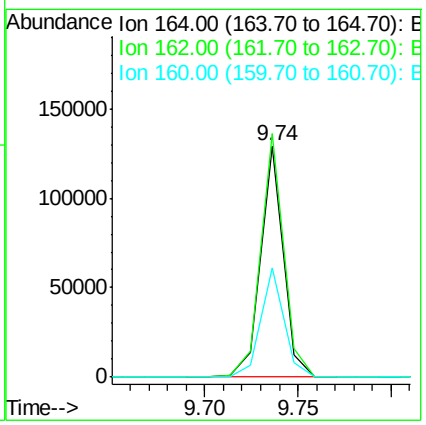


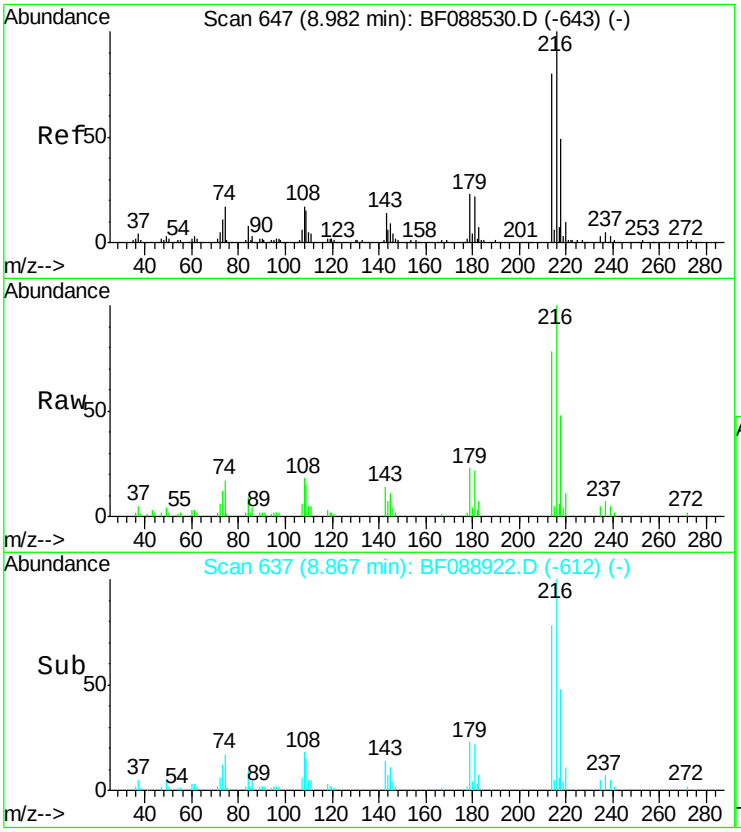


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:164 Resp: 106911

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.2
160	47.3	39.5	59.3



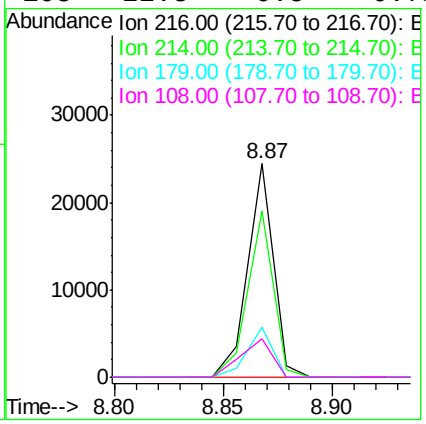


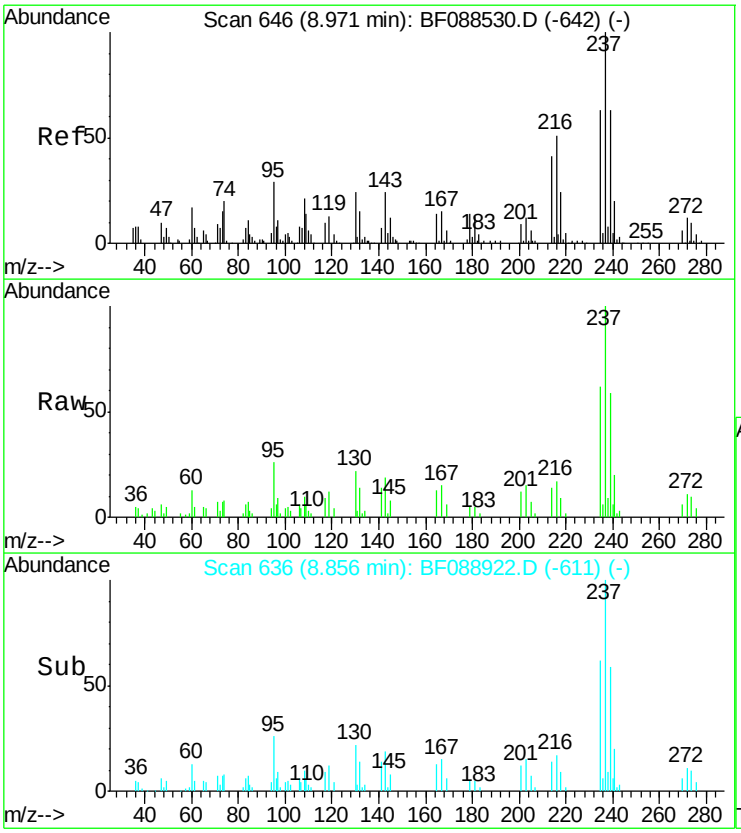
#39
1,2,4,5-Tetrachlorobenzene
Concen: 5.64 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 20072

Ion	Ratio	Lower	Upper
216	100		
214	77.8	2.9	4.3#
179	23.1	0.0	0.0#
108	22.3	0.5	0.7#

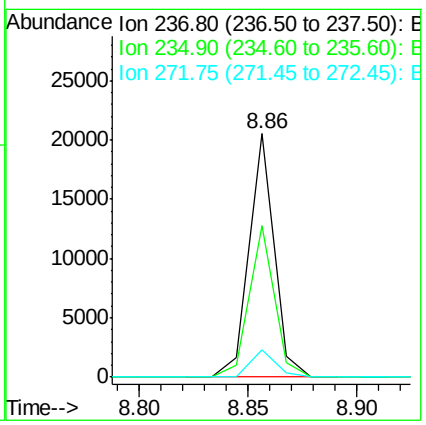


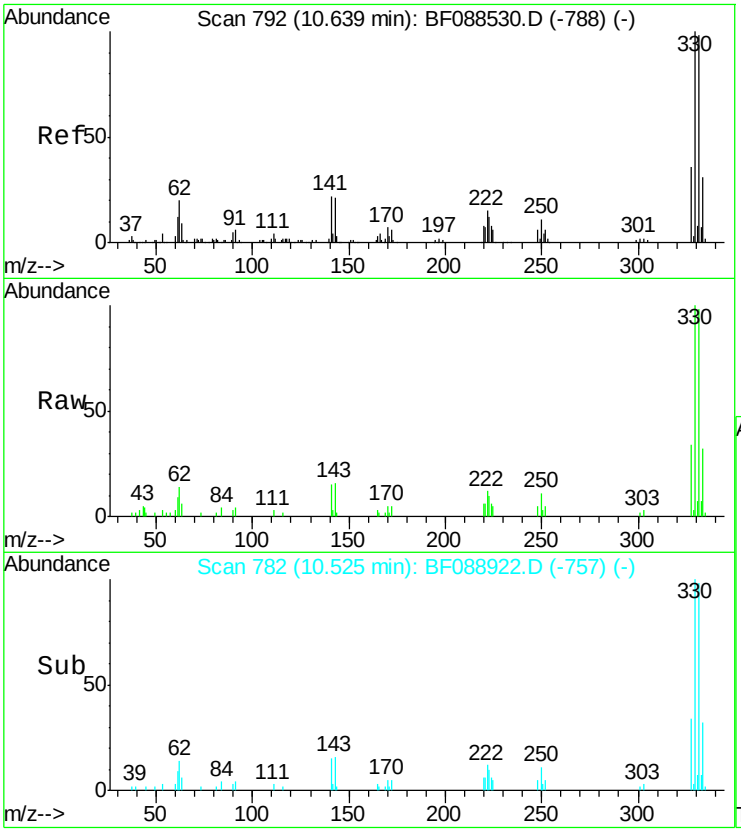


#40
Hexachlorocyclopentadiene
Concen: 9.38 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:237 Resp: 16374

Ion	Ratio	Lower	Upper
237	100		
235	62.0	43.4	83.4
272	11.3	0.0	32.3



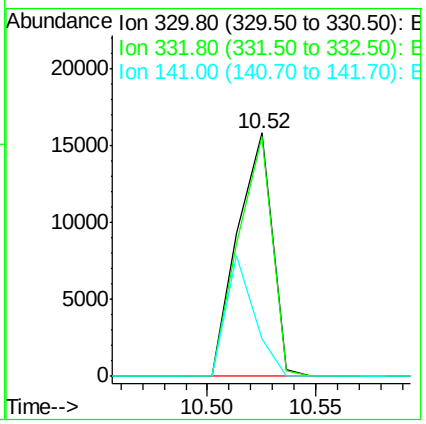


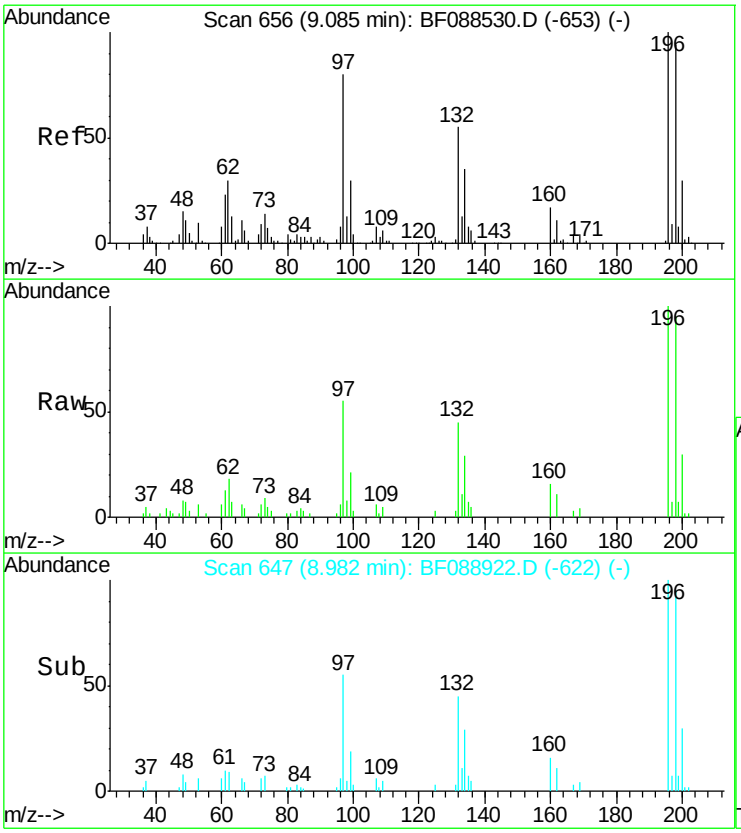
#41
2,4,6-Tribromophenol
Concen: 17.62 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 17496

Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	40.4	0.0	0.0#

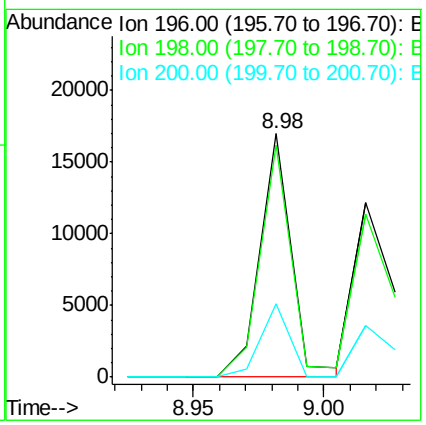


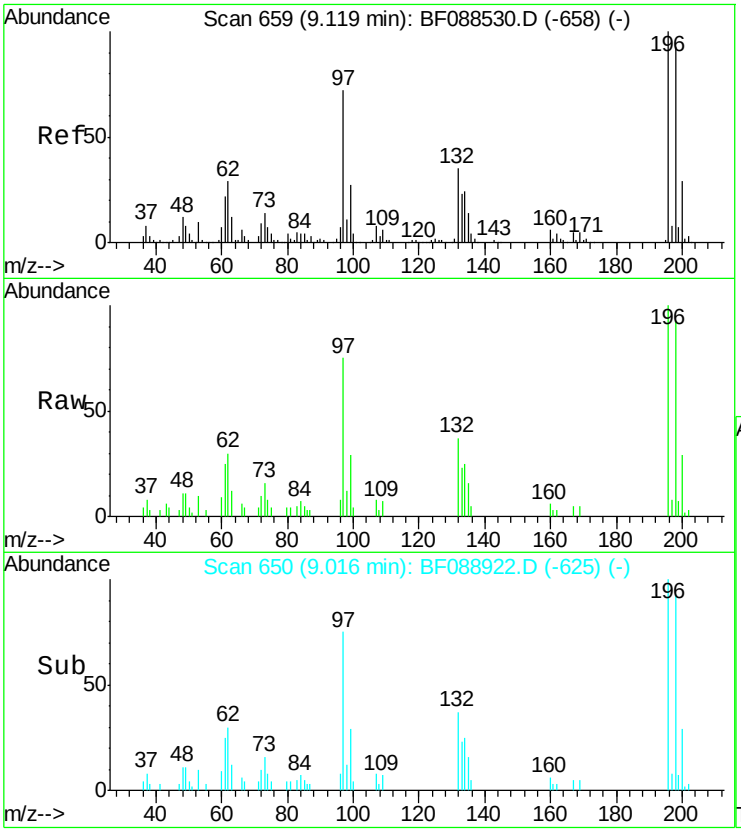


#42
2,4,6-Trichlorophenol
Concen: 6.01 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:196 Resp: 14085

Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.0	117.0
200	30.2	25.4	38.2



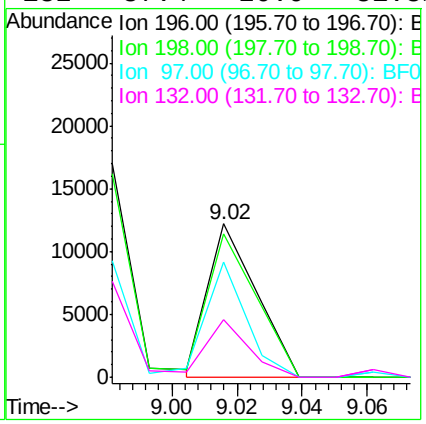


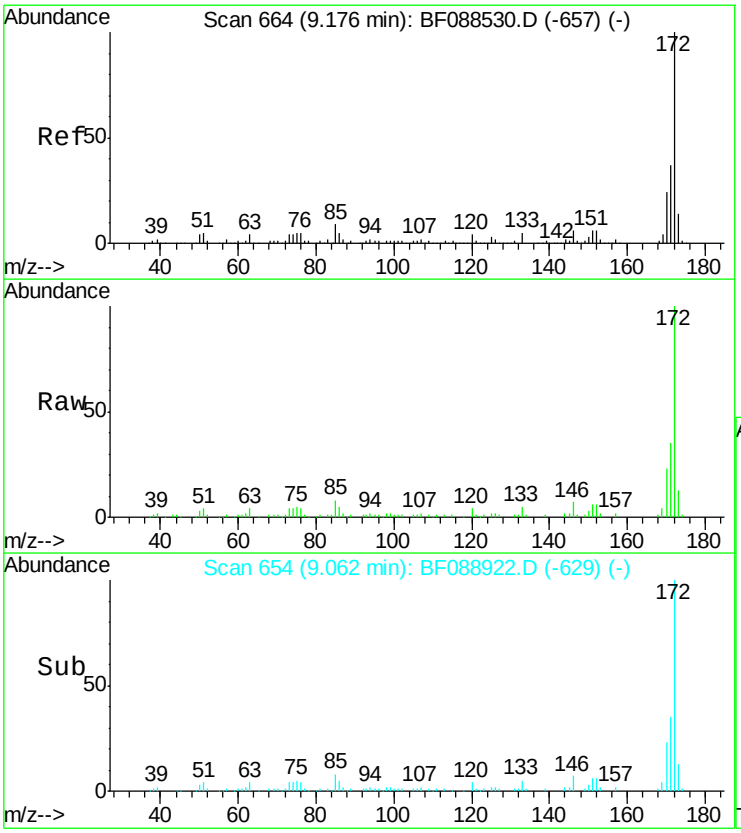
#43
2,4,5-Trichlorophenol
Concen: 6.16 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 12423

Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.5	116.3
97	74.9	32.0	48.0#
132	37.4	20.9	31.3#

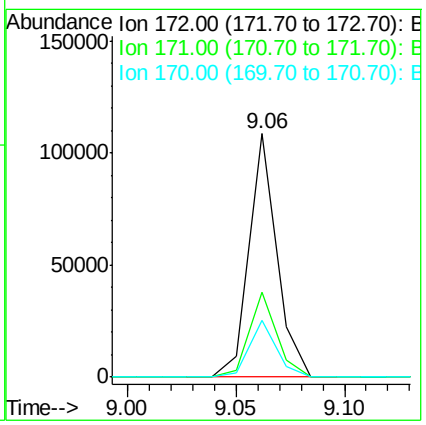


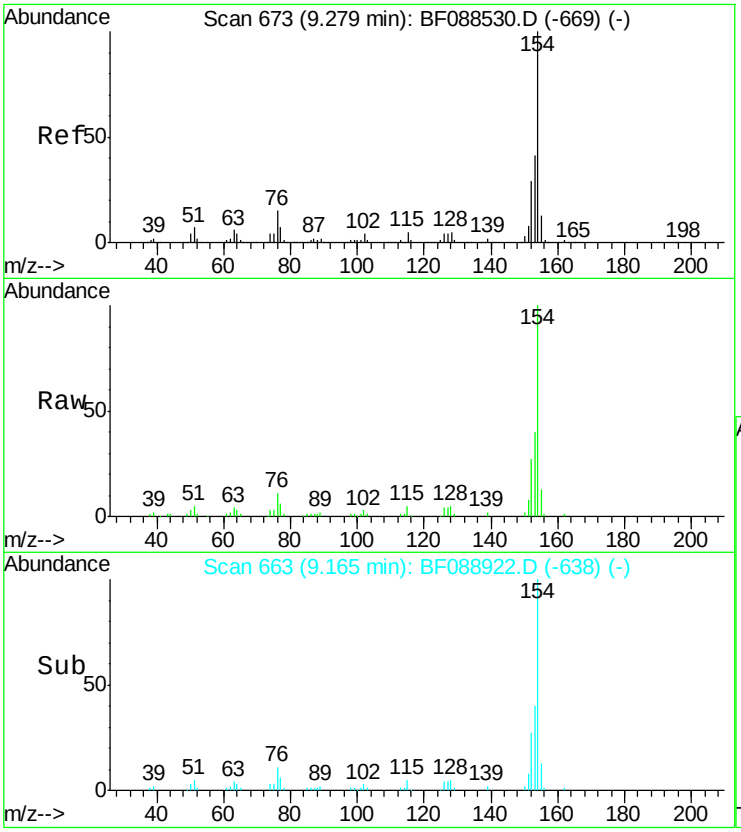


#44
2-Fluorobiphenyl
Concen: 14.21 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:172 Resp: 96157

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.1	19.2	28.8



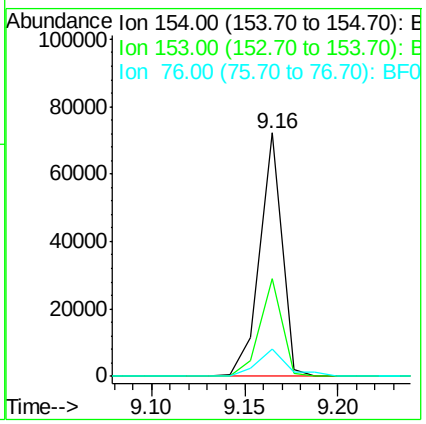


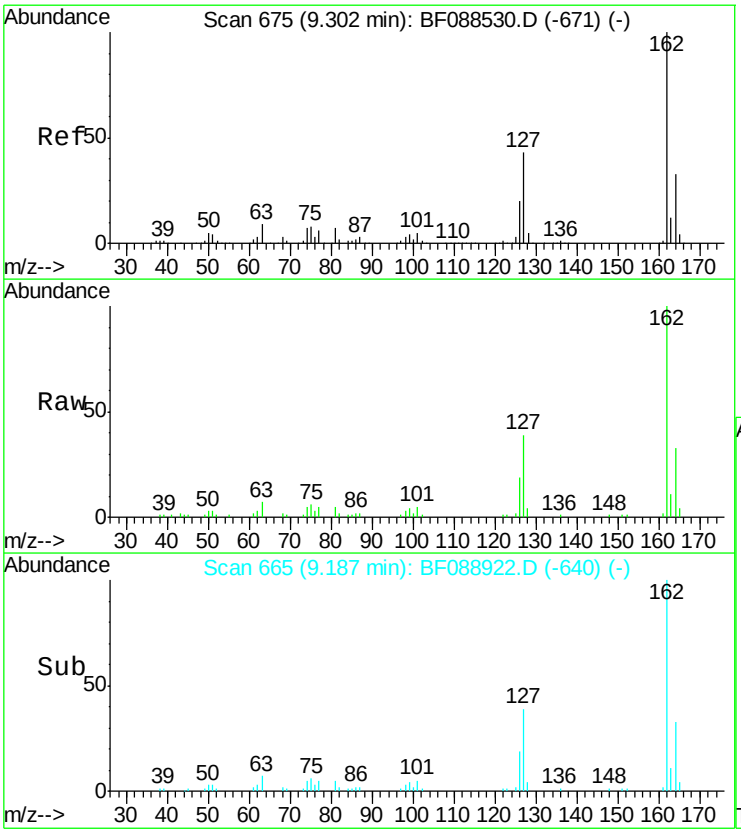
#45
1,1'-Biphenyl
Concen: 6.68 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 59135

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	11.0	0.0	35.1

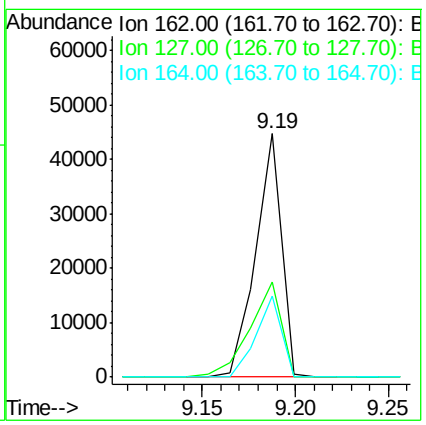


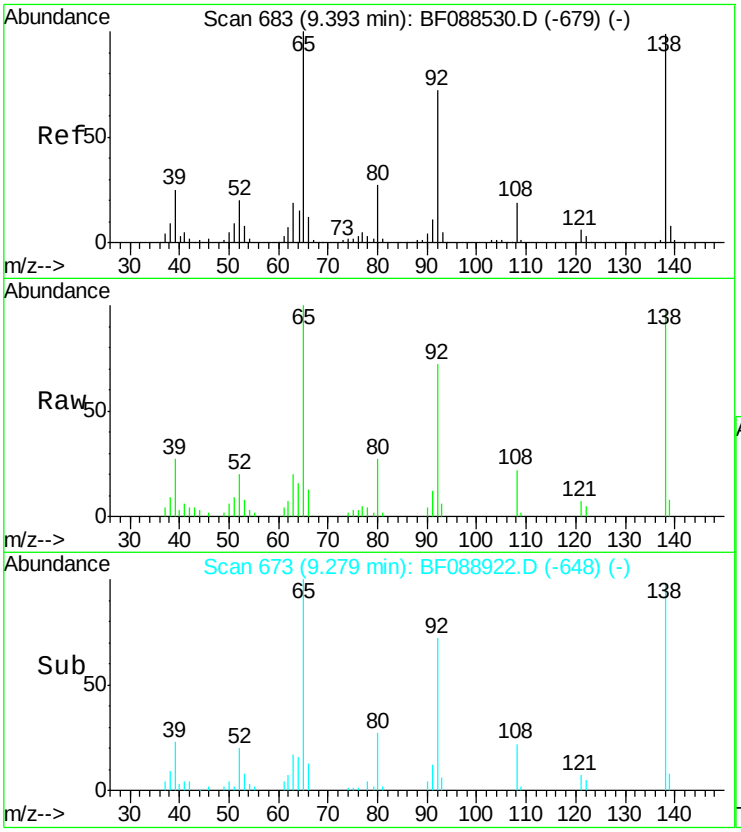


#46
2-Chloronaphthalene
Concen: 6.15 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:162 Resp: 42743

Ion	Ratio	Lower	Upper
162	100		
127	39.0	35.2	52.8
164	33.1	26.6	39.8



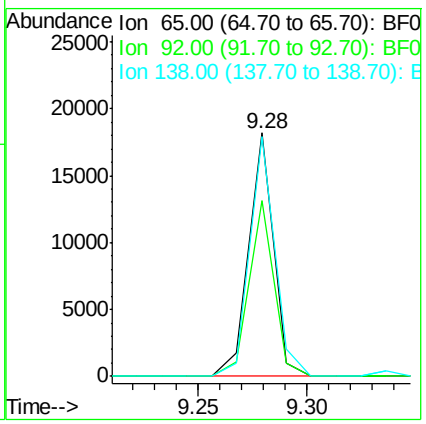


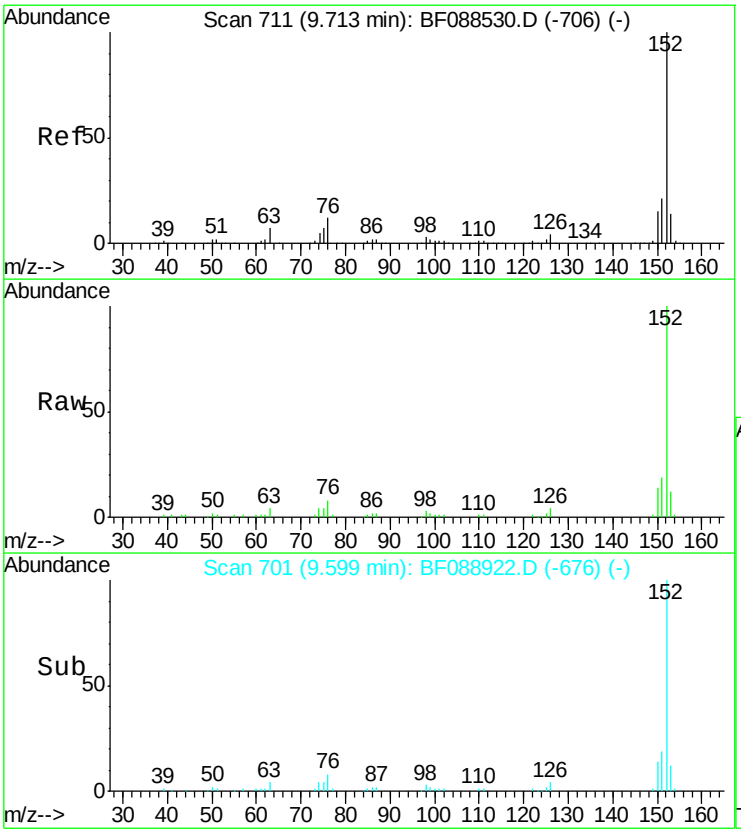
#47
2-Nitroaniline
Concen: 5.84 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 14411

Ion	Ratio	Lower	Upper
65	100		
92	72.3	54.6	82.0
138	98.4	77.0	115.4

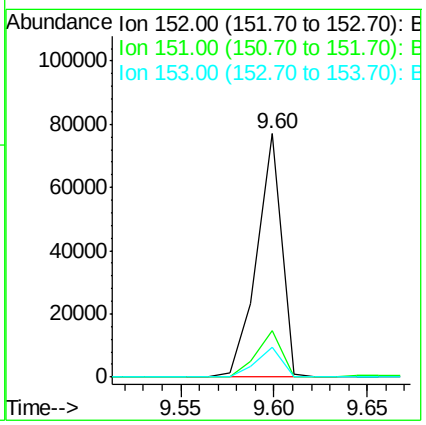


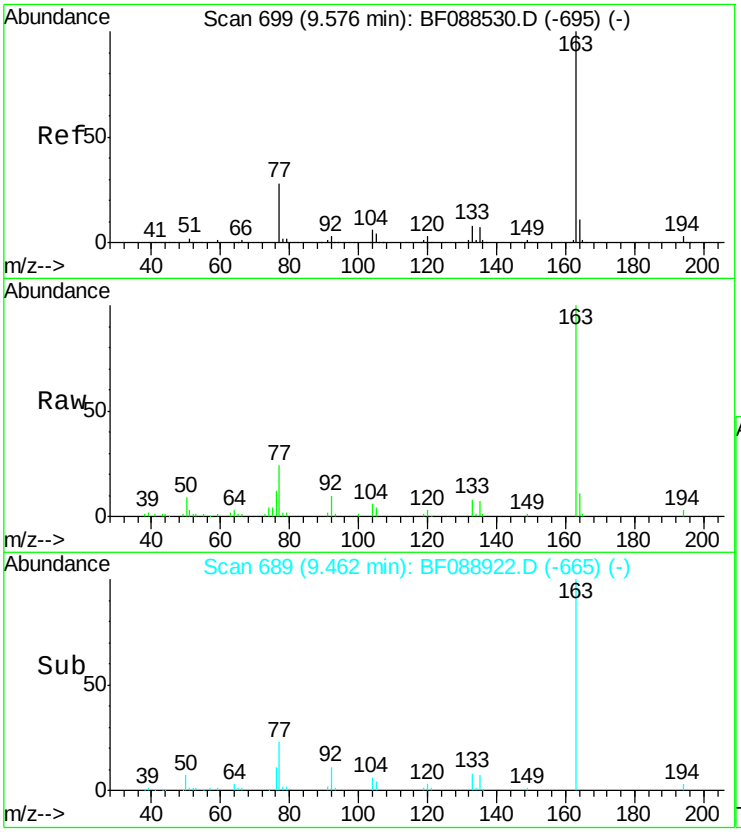


#48
Acenaphthylene
Concen: 6.36 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:152 Resp: 70380

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4
153	12.3	11.0	16.6



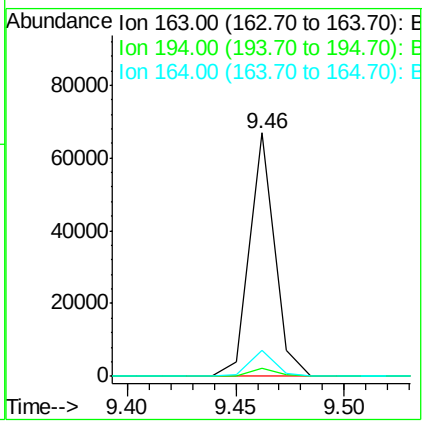


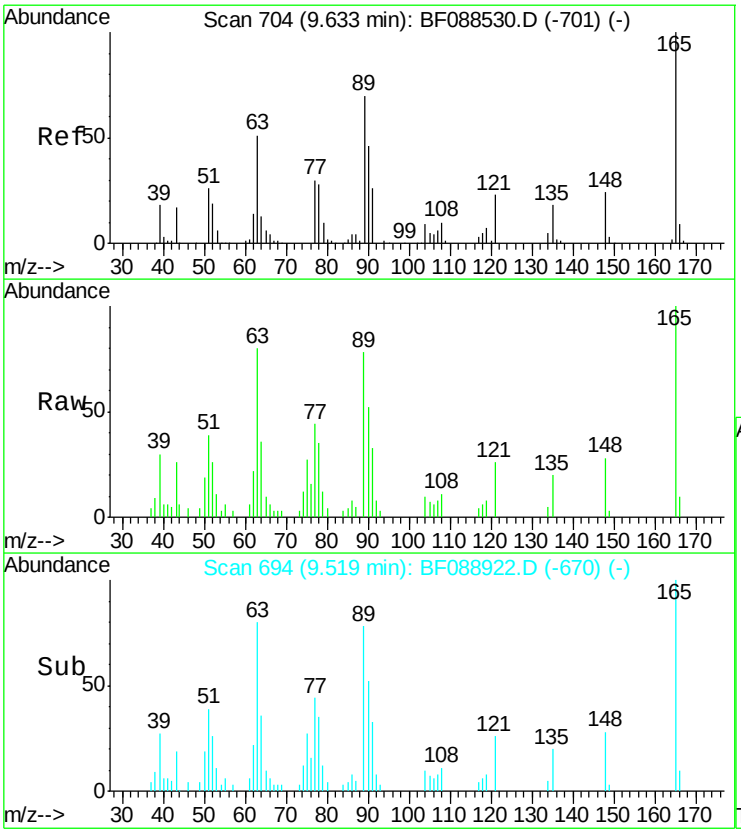
#49
Dimethylphthalate
Concen: 7.02 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 53431

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.6	8.3	12.5

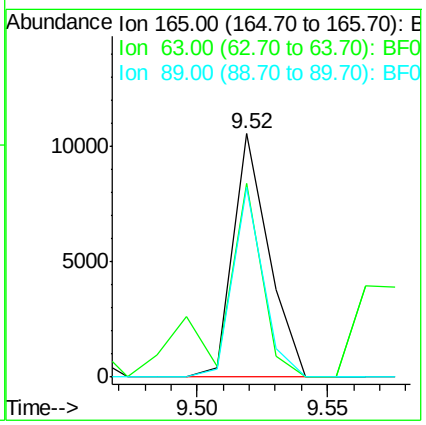


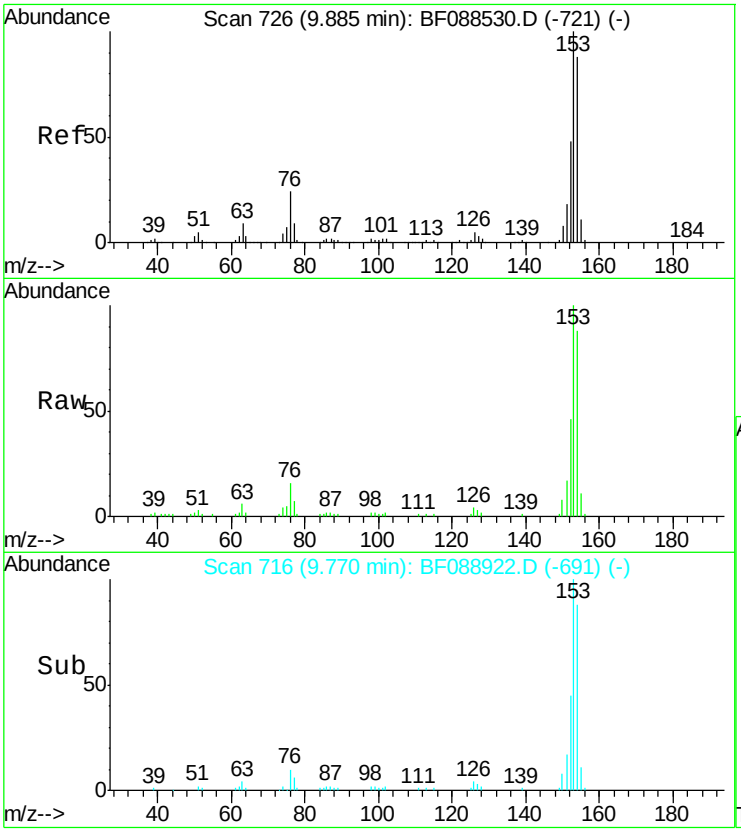


#50
2,6-Dinitrotoluene
Concen: 5.99 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:165 Resp: 10110

Ion	Ratio	Lower	Upper
165	100		
63	79.7	28.1	42.1#
89	78.2	32.2	48.2#



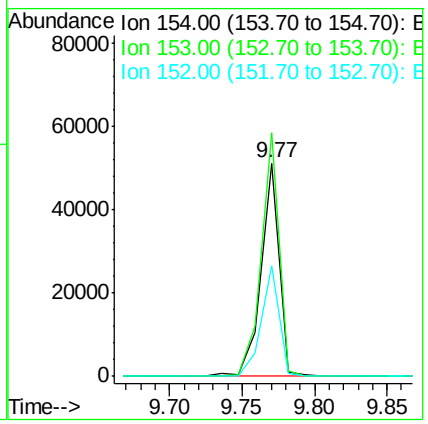


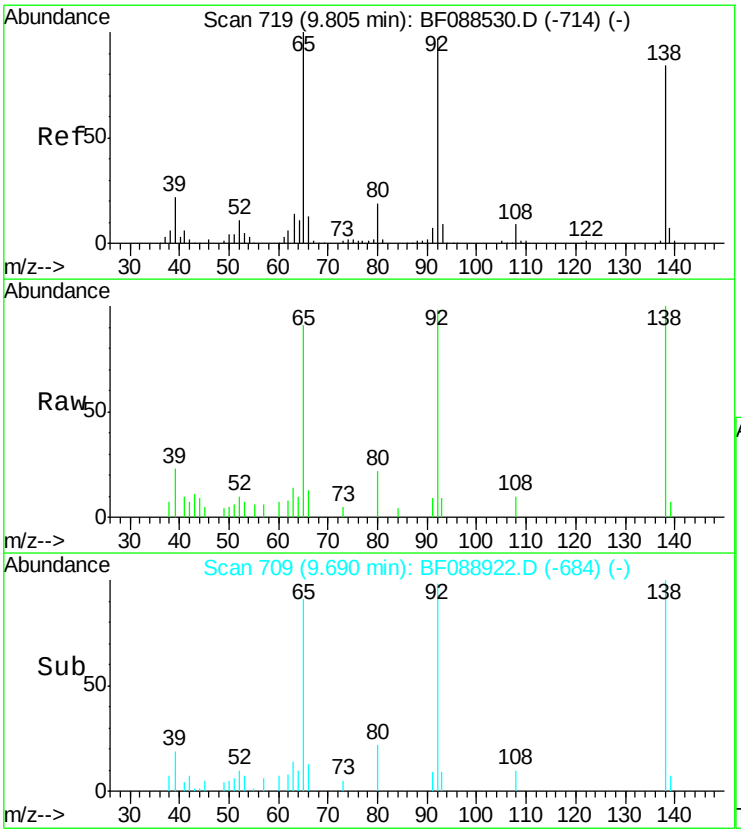
#51
Acenaphthene
Concen: 6.47 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 43881

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.5	134.3
152	52.0	42.7	64.1

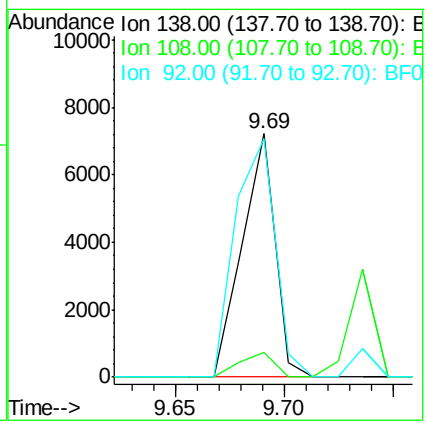


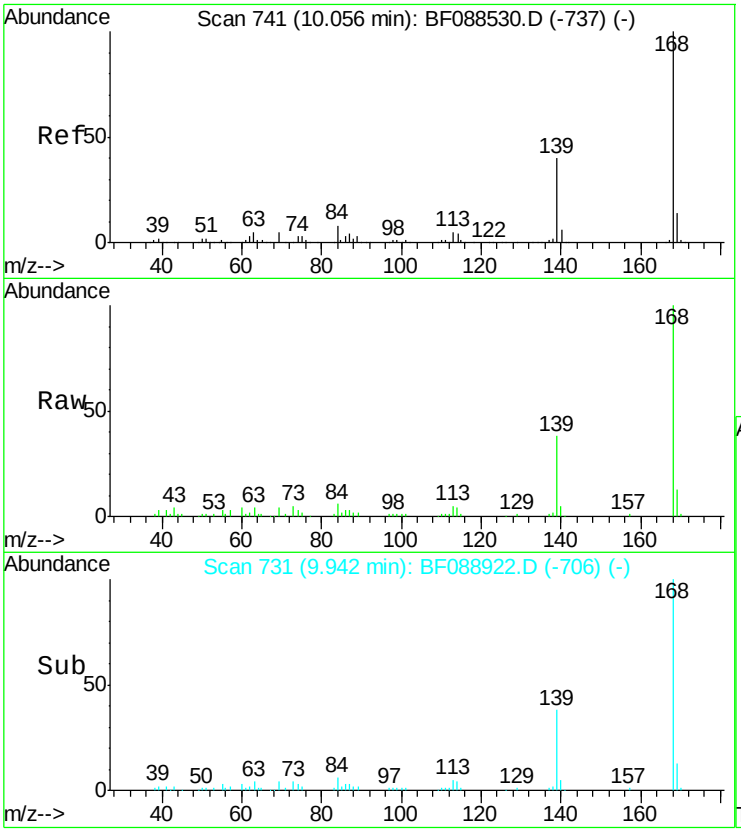


#52
3-Nitroaniline
Concen: 3.53 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:138 Resp: 7573

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.5	12.7
92	98.1	95.7	143.5



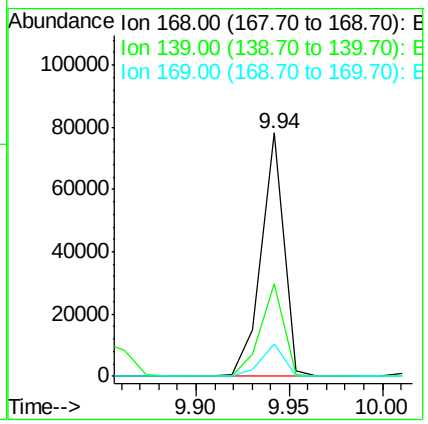


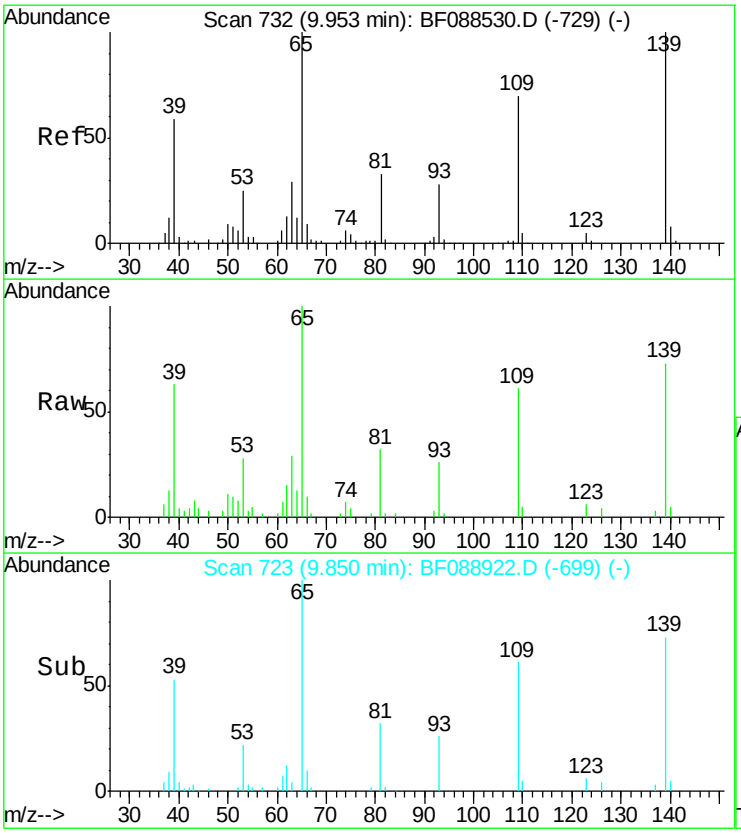
#54
Dibenzofuran
Concen: 7.38 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 65502

Ion	Ratio	Lower	Upper
168	100		
139	37.9	26.4	39.6
169	13.2	10.4	15.6

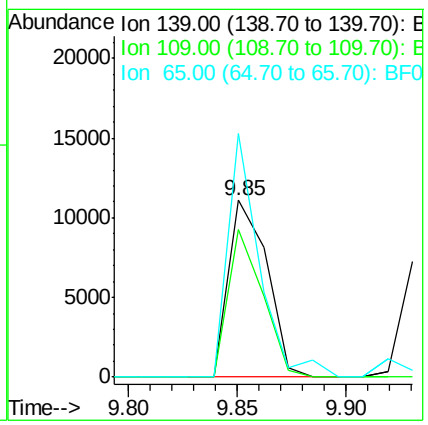


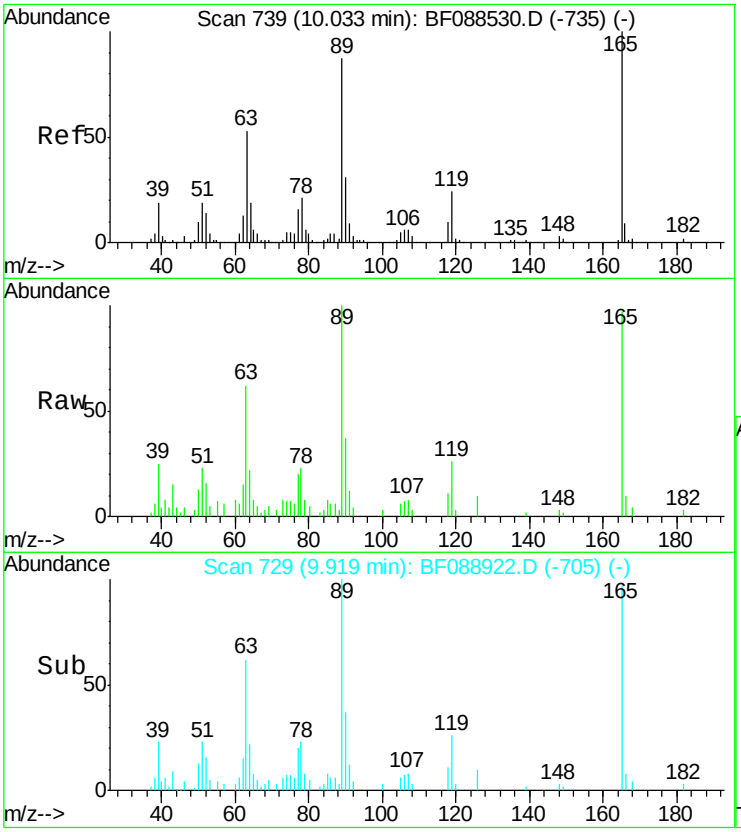


#55
4-Nitrophenol
Concen: 8.34 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:139 Resp: 13593

Ion	Ratio	Lower	Upper
139	100		
109	83.6	48.9	88.9
65	137.7	84.9	124.9#



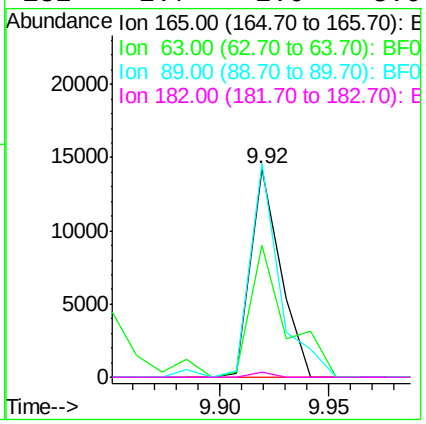


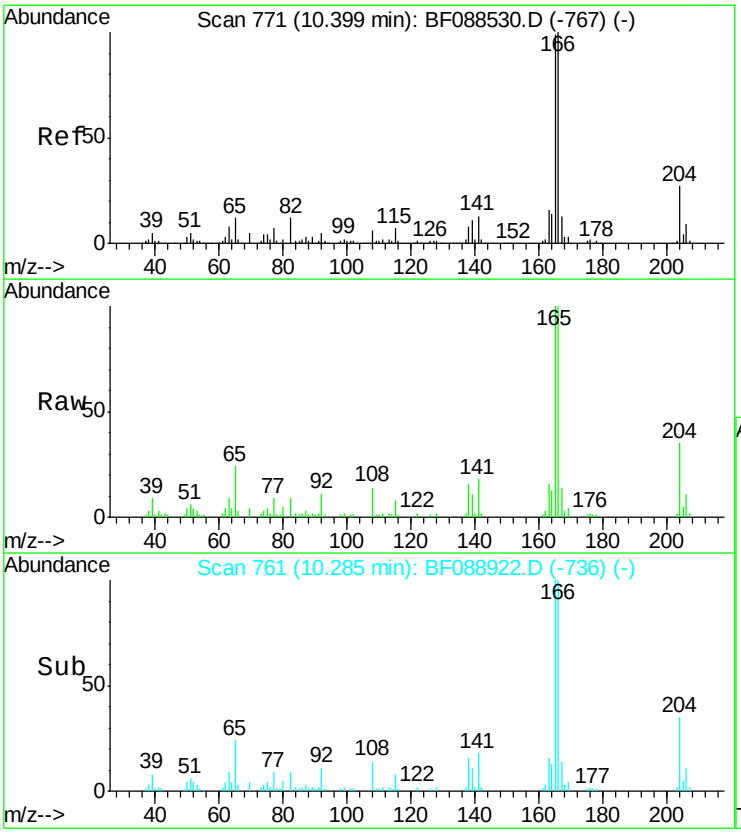
#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13635

Ion	Ratio	Lower	Upper
165	100		
63	63.1	22.0	33.0#
89	102.6	41.1	61.7#
182	2.7	2.0	3.0

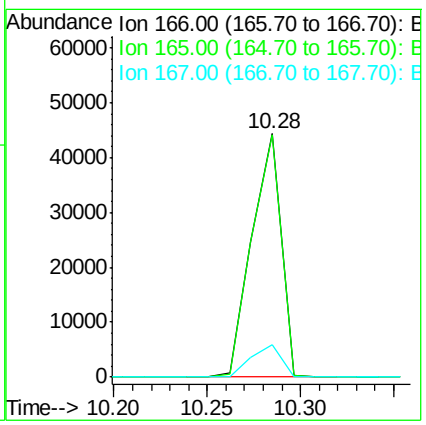


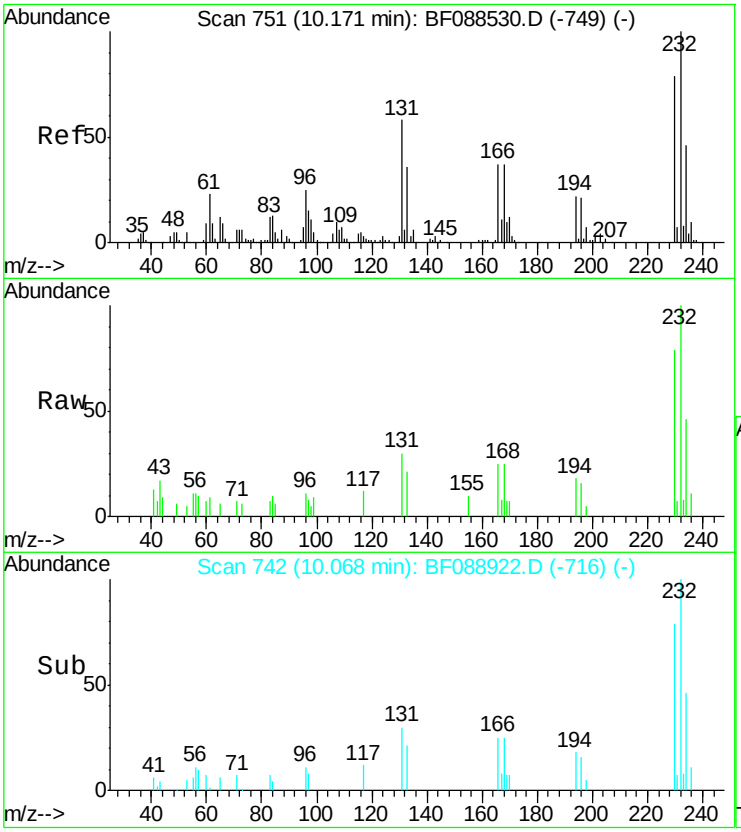


#57
Fluorene
Concen: 7.03 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:166 Resp: 48056

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.8
167	13.5	11.2	16.8



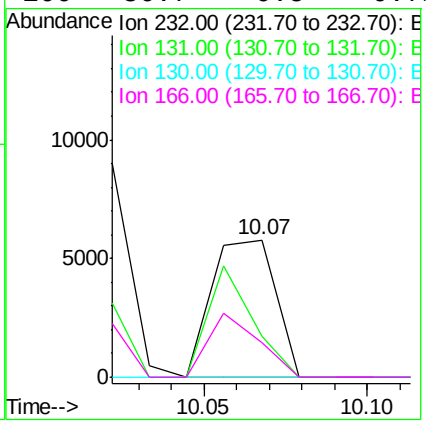


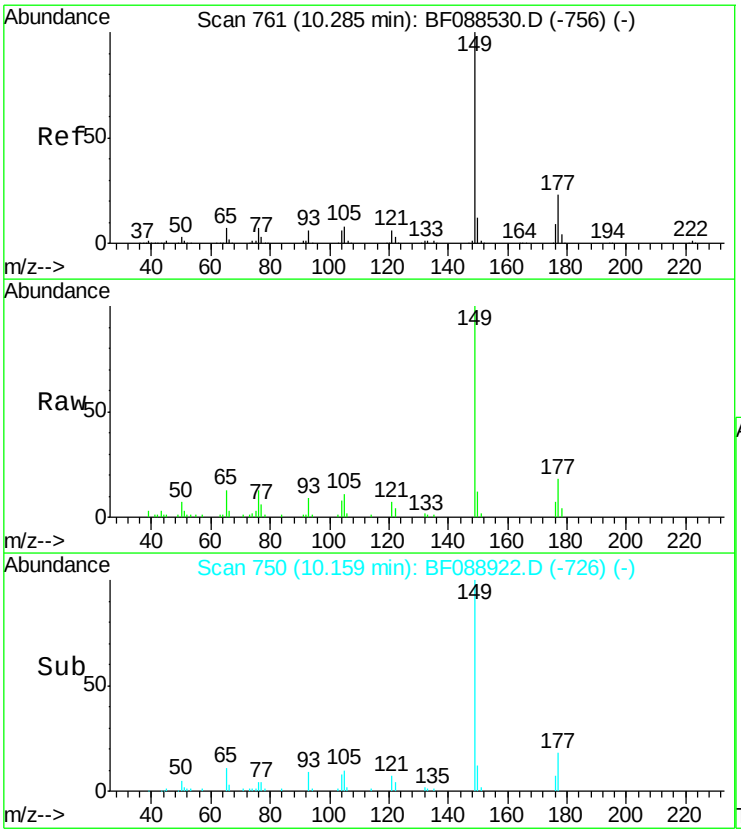
#58
2,3,4,6-Tetrachlorophenol
Concen: 4.99 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 7790

Ion	Ratio	Lower	Upper
232	100		
131	56.7	0.9	1.3#
130	0.0	1.5	2.3#
166	36.7	0.5	0.7#

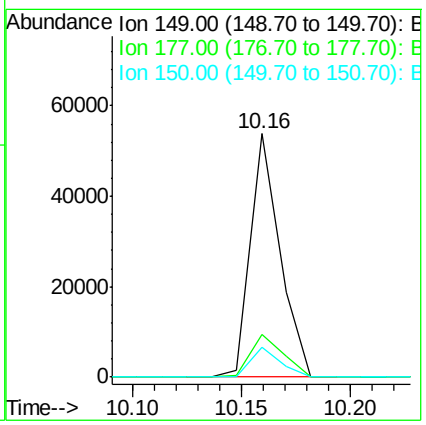


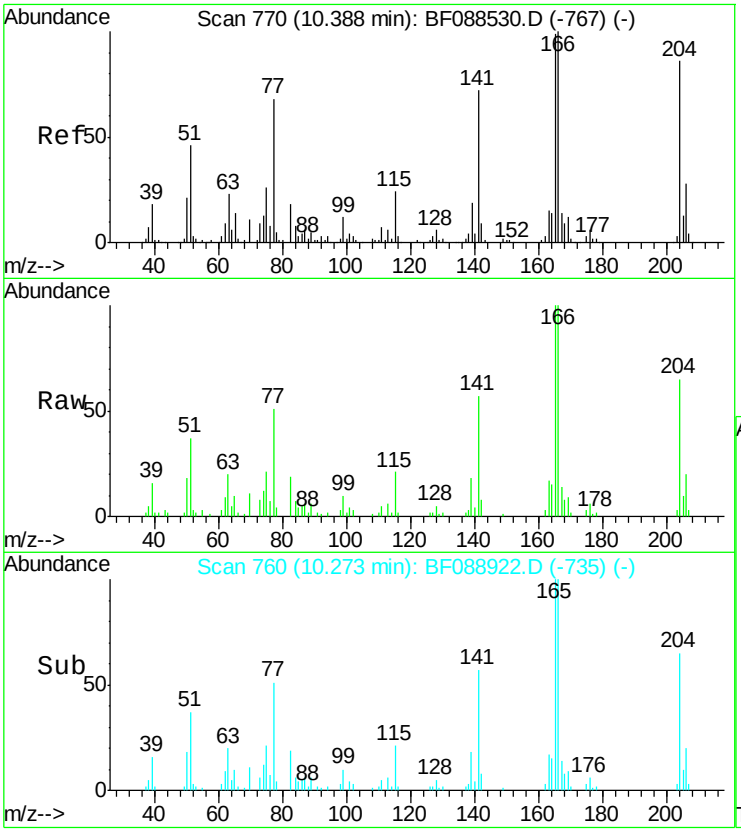


#59
Diethylphthalate
Concen: 6.66 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:149 Resp: 50892

Ion	Ratio	Lower	Upper
149	100		
177	17.7	16.9	25.3
150	12.1	10.1	15.1



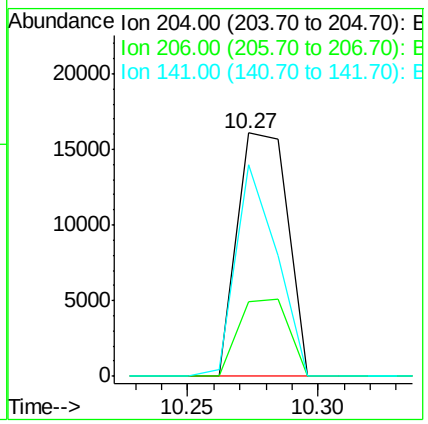


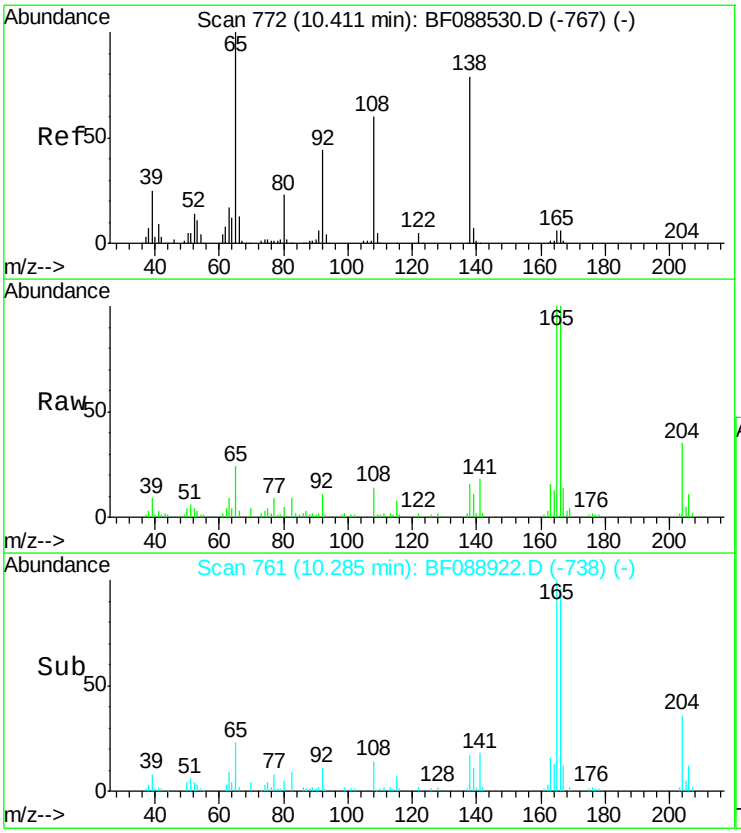
#60
4-Chlorophenyl-phenylether
Concen: 6.86 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 21803

Ion	Ratio	Lower	Upper
204	100		
206	30.8	26.3	39.5
141	86.9	55.0	82.6#

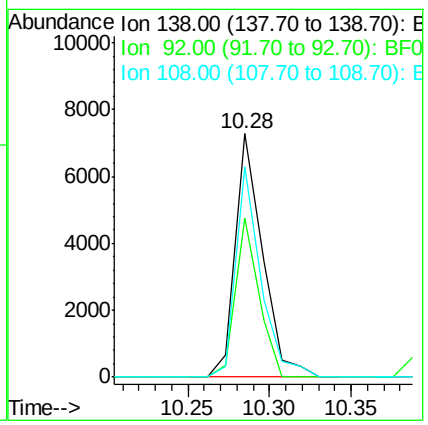


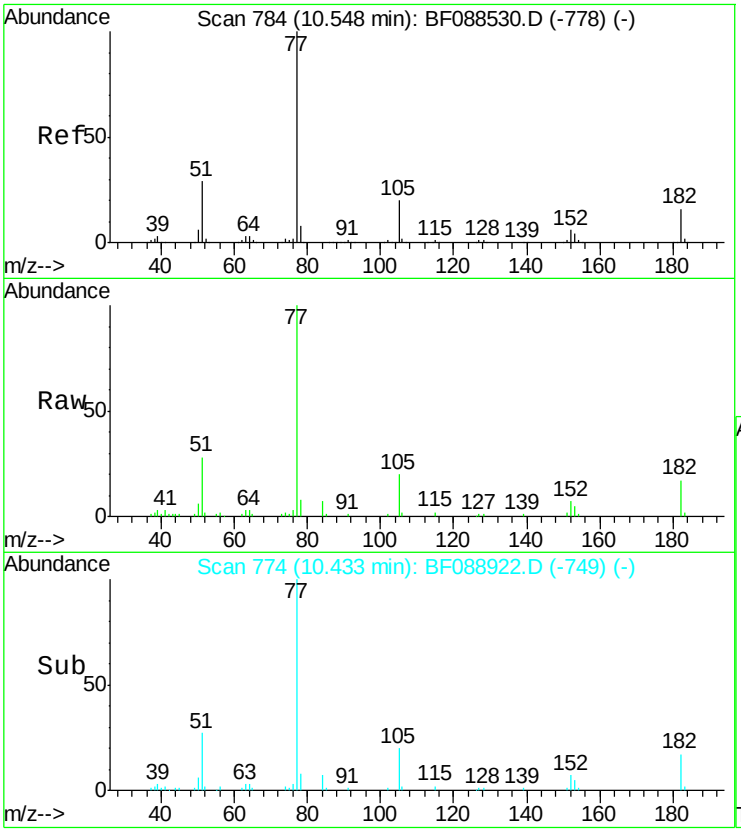


#61
4-Nitroaniline
Concen: 4.05 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:138 Resp: 8373

Ion	Ratio	Lower	Upper
138	100		
92	65.4	27.3	67.3
108	86.2	46.7	86.7



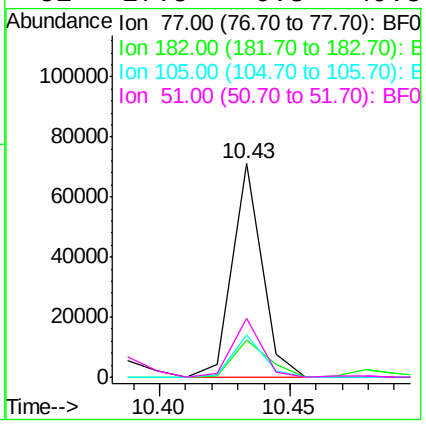


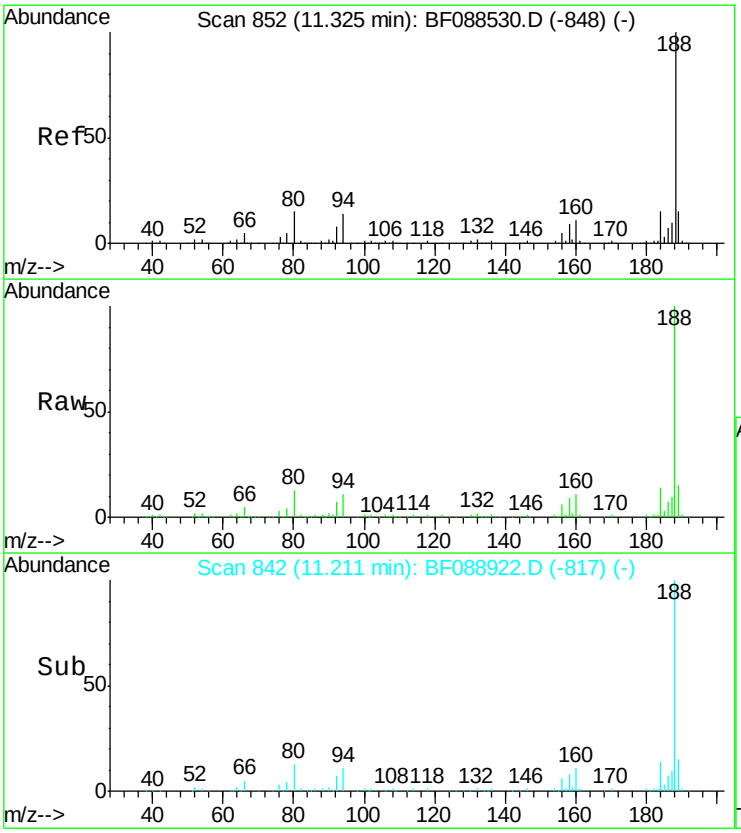
#62
Azobenzene
Concen: 6.54 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 56982

Ion	Ratio	Lower	Upper
77	100		
182	17.3	4.4	44.4
105	20.0	3.8	43.8
51	27.5	9.3	49.3

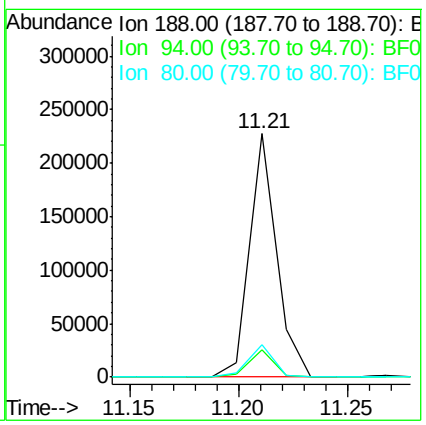


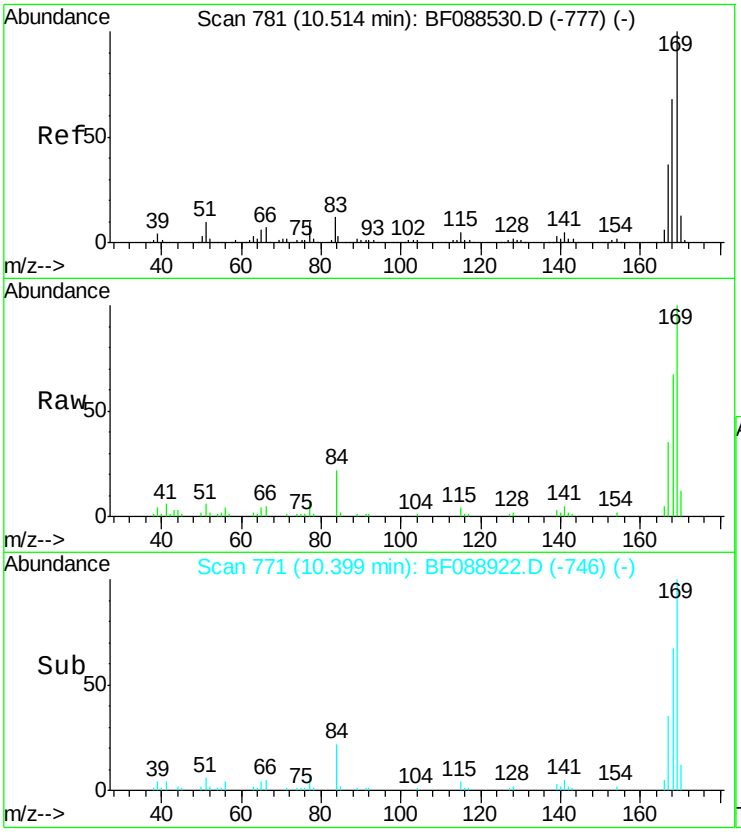


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:188 Resp: 196152

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.6
80	13.3	10.0	15.0



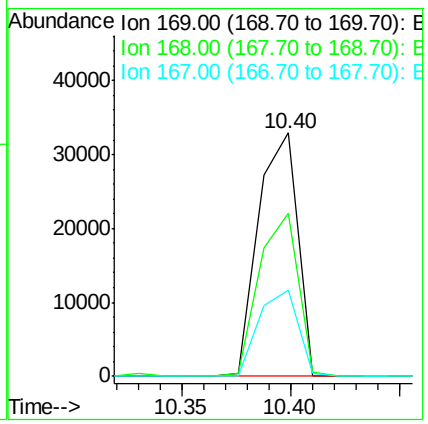


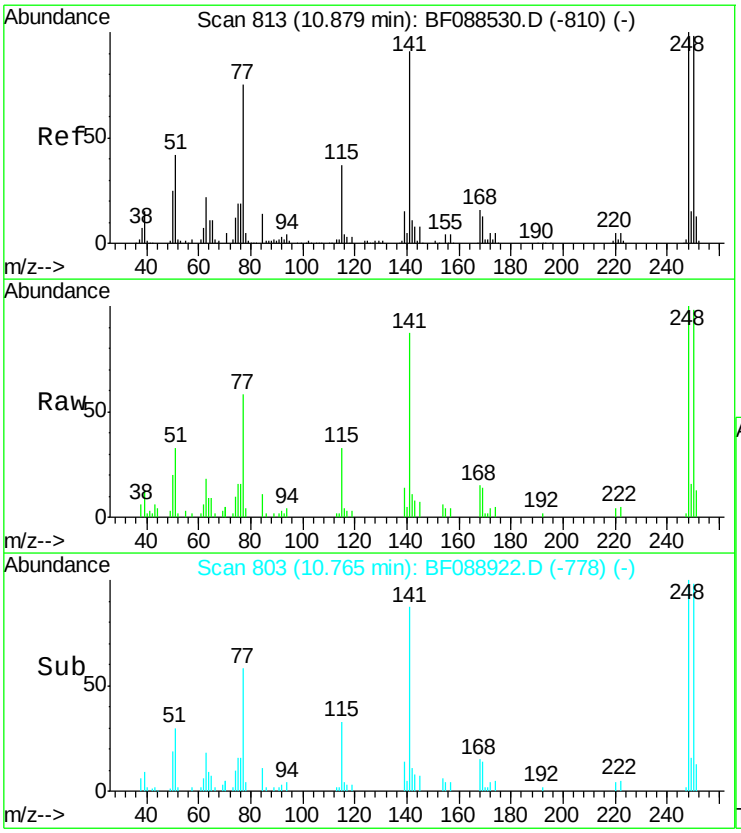
#65
n-Nitrosodiphenylamine
Concen: 6.26 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 41564

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.4	80.0
167	35.2	29.4	44.0

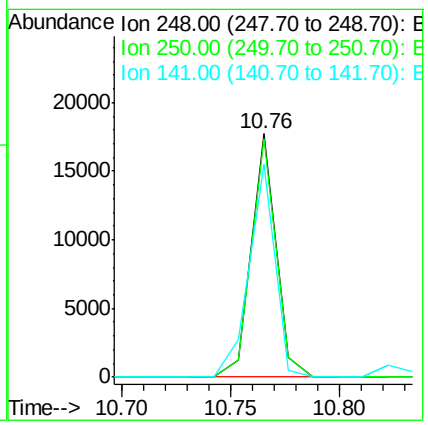


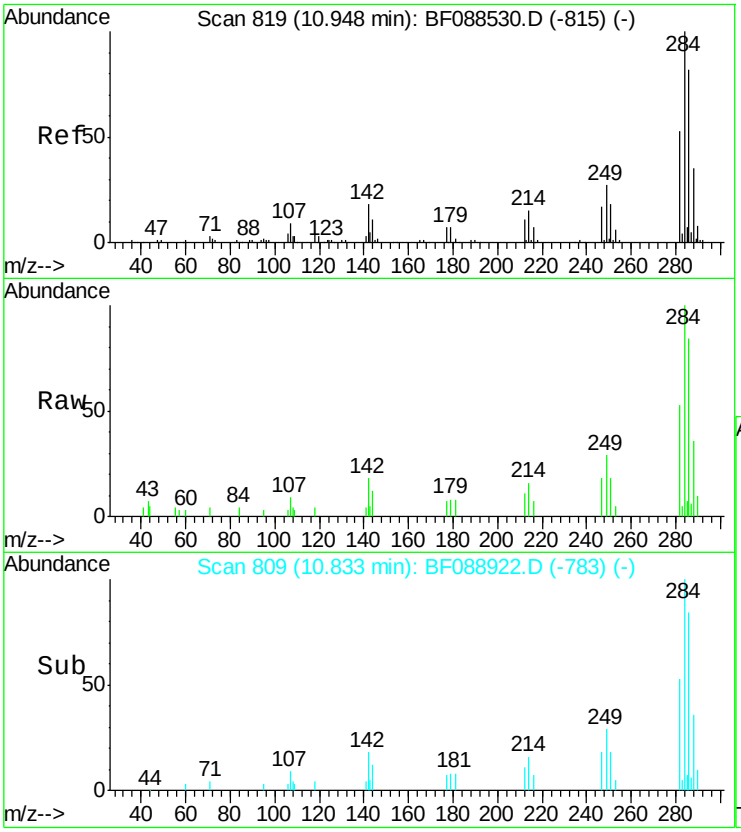


#66
4-Bromophenyl-phenylether
Concen: 7.07 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:248 Resp: 13977

Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.1	115.7
141	87.4	50.6	76.0#



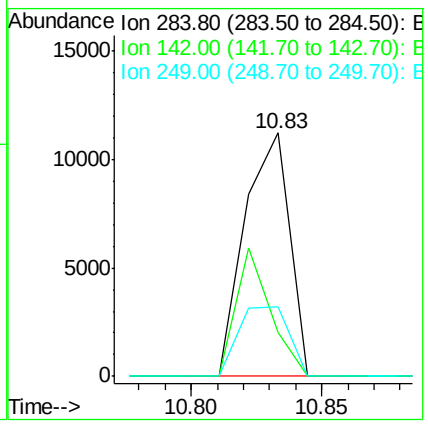


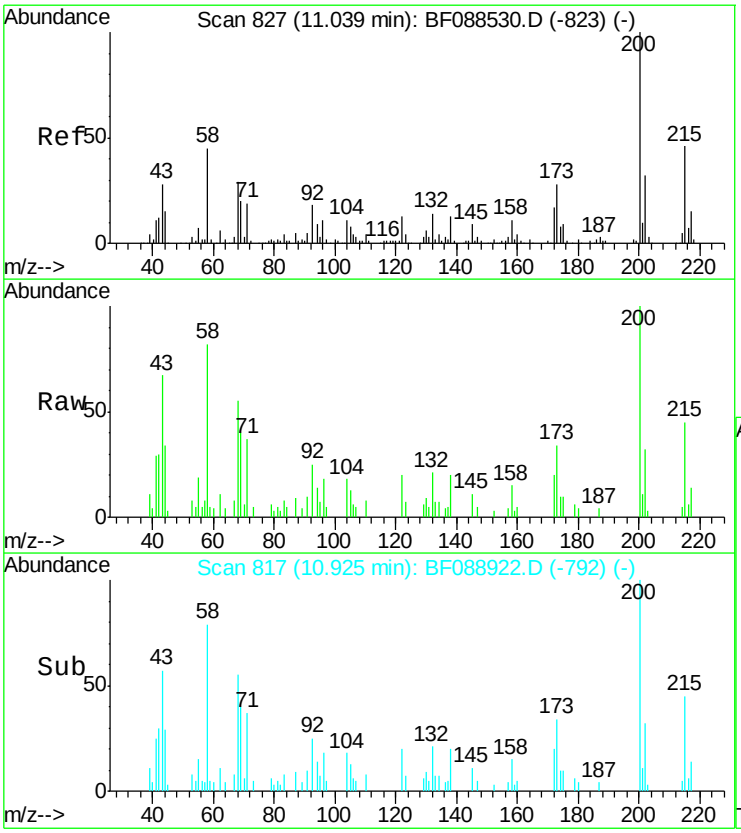
#67
Hexachlorobenzene
Concen: 6.15 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 13453

Ion	Ratio	Lower	Upper
284	100		
142	18.3	35.8	53.8#
249	28.5	25.8	38.6

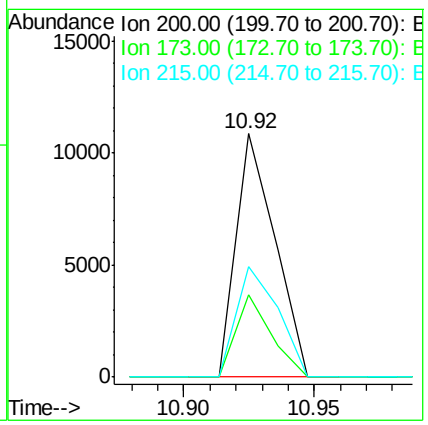


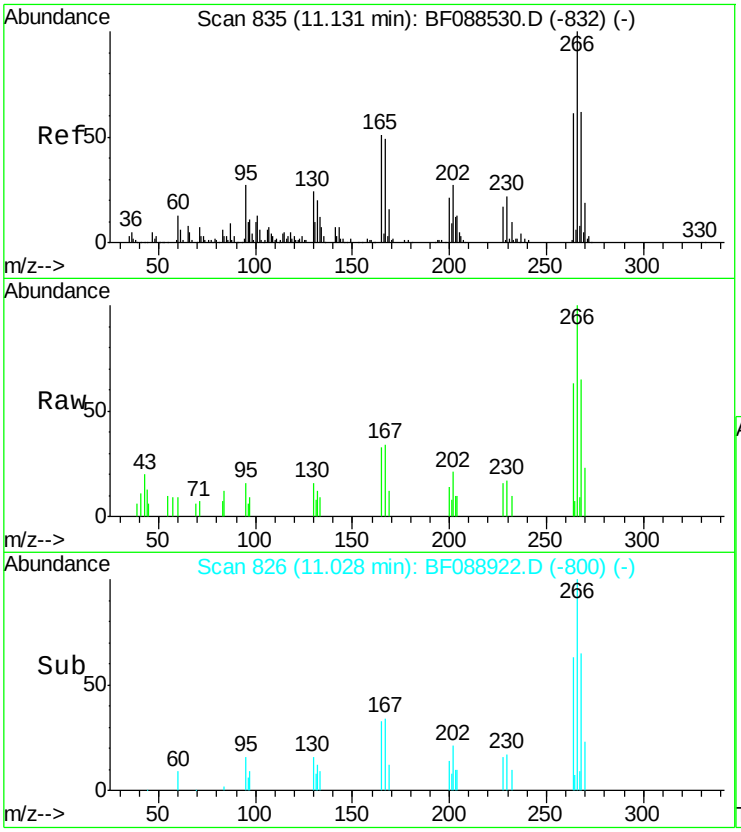


#68
Atrazine
Concen: 5.49 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:200 Resp: 11362

Ion	Ratio	Lower	Upper
200	100		
173	34.0	4.0	44.0
215	45.4	29.3	69.3



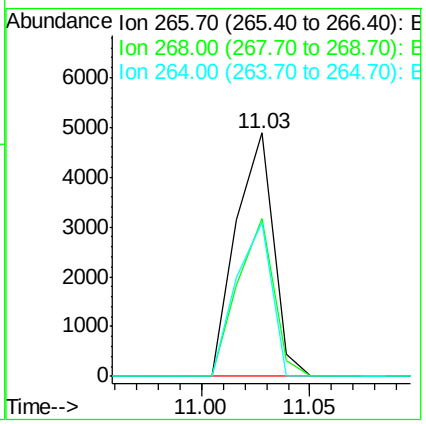


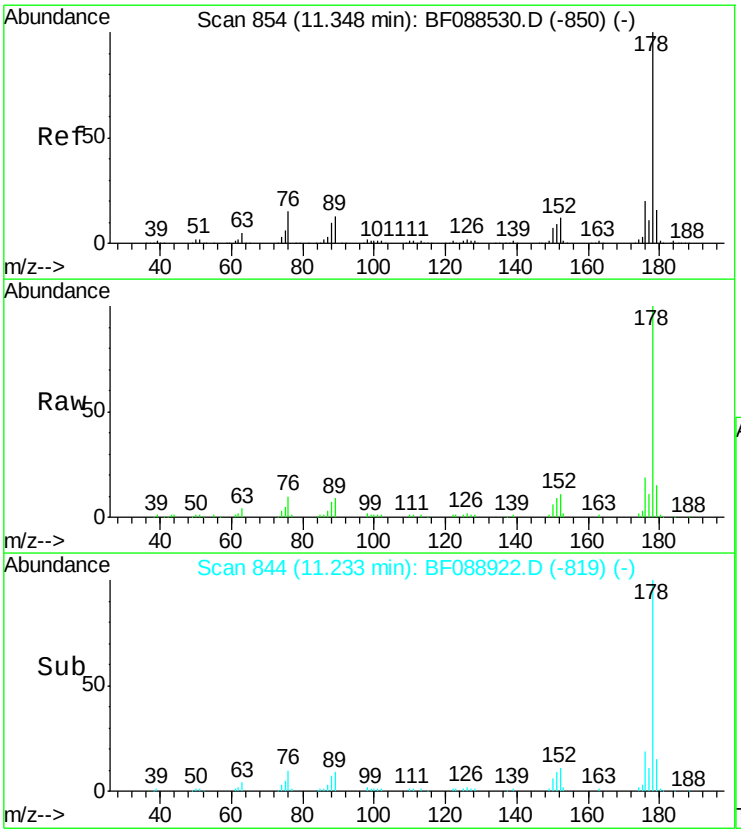
#69
Pentachlorophenol
Concen: 4.49 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 5814

Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.8	79.2
264	63.3	49.6	74.4

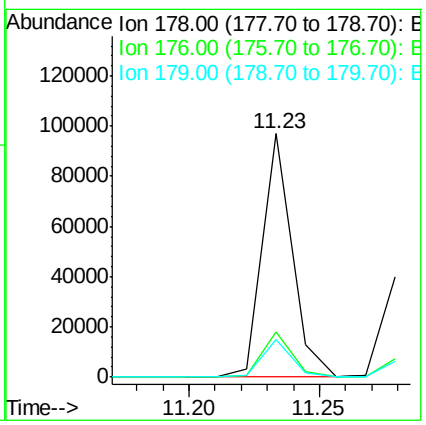


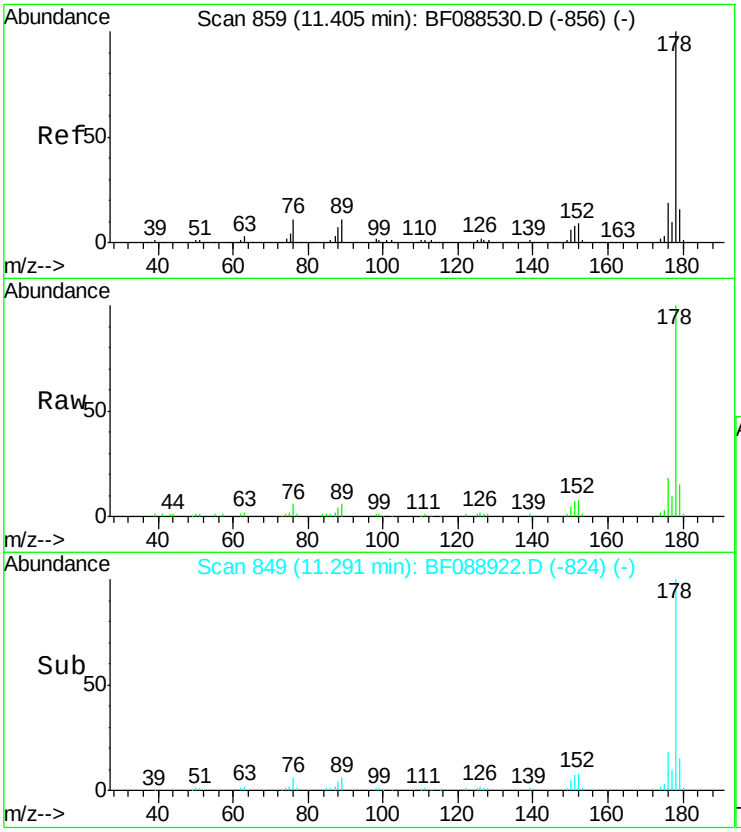


#70
Phenanthrene
Concen: 7.24 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:178 Resp: 77653

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.2	13.0	19.4



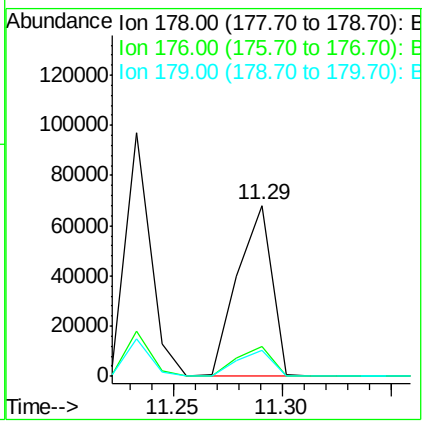


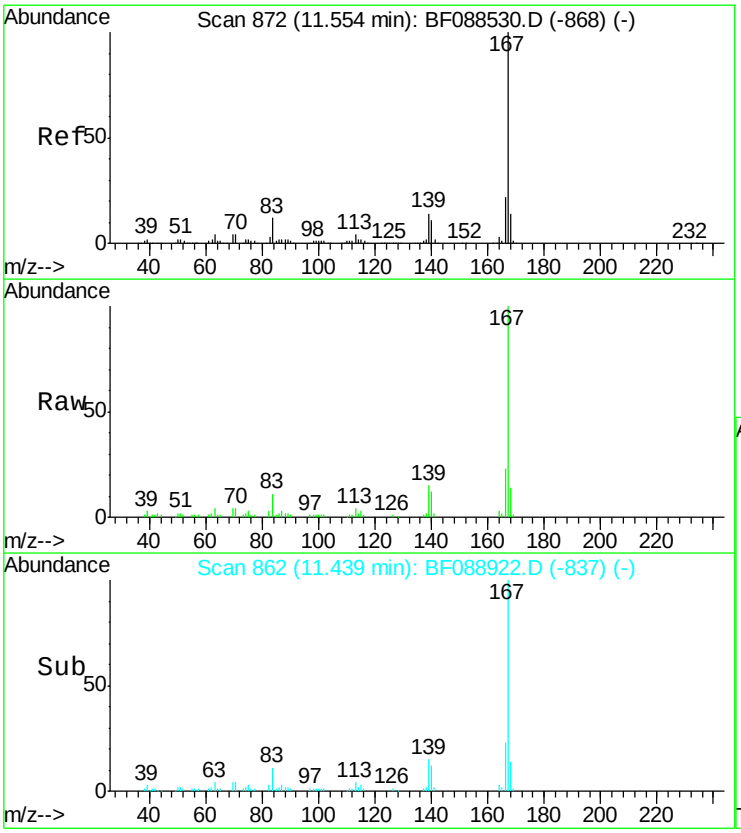
#71
Anthracene
Concen: 7.03 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 74953

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.0	12.8	19.2

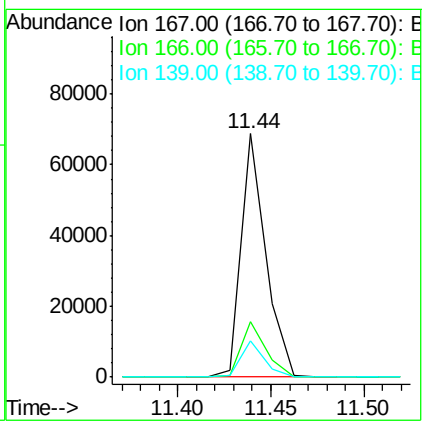


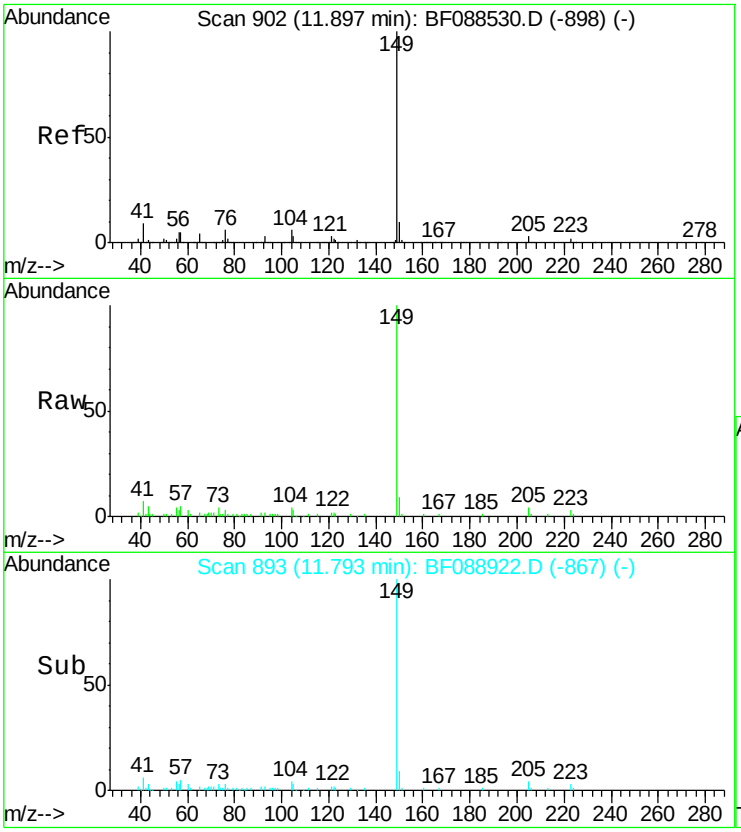


#72
Carbazole
Concen: 6.26 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:167 Resp: 62851

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	15.1	11.2	16.8



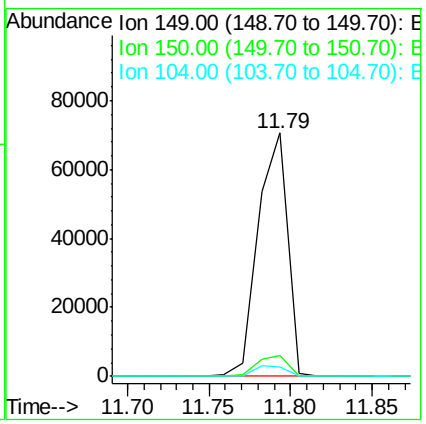


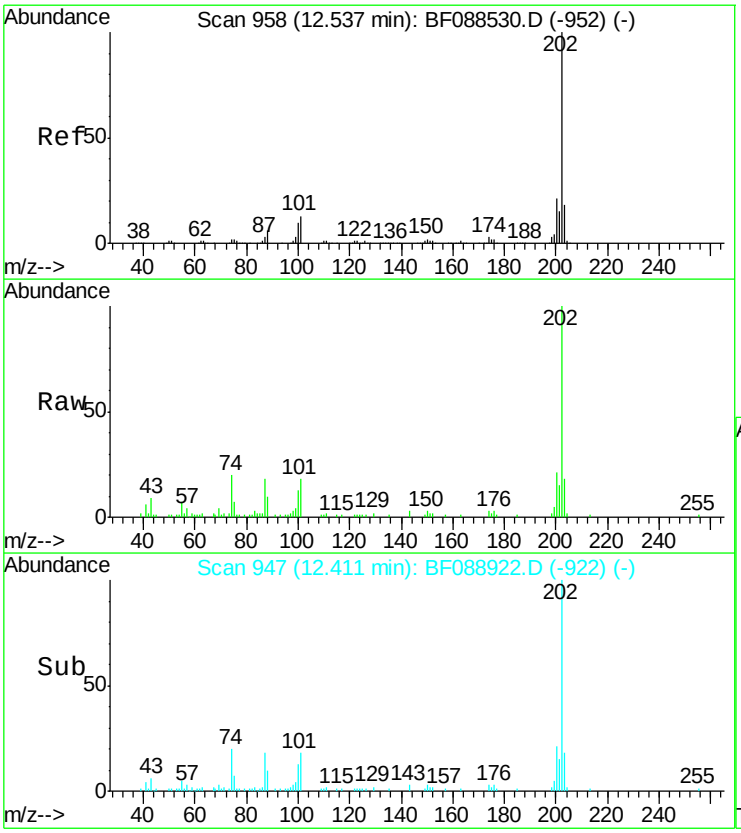
#73
Di-n-butylphthalate
Concen: 7.60 ng
RT: 11.79 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 88740

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.8	11.6
104	4.0	4.0	6.0

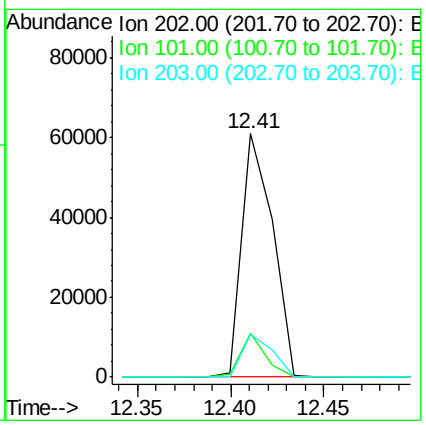


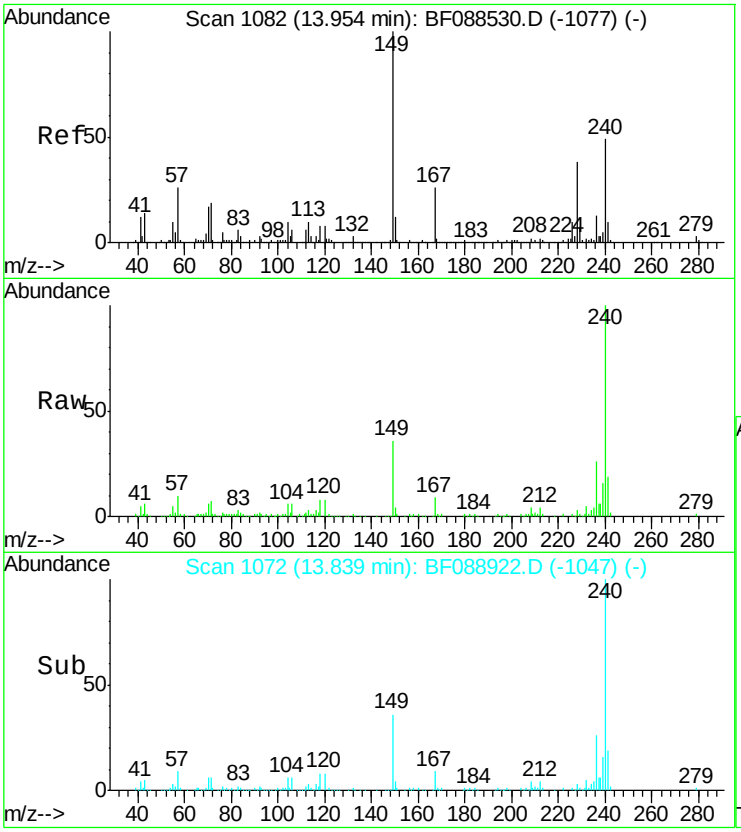


#74
Fluoranthene
Concen: 6.43 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:202 Resp: 69859

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	33.1
203	17.6	0.0	38.1



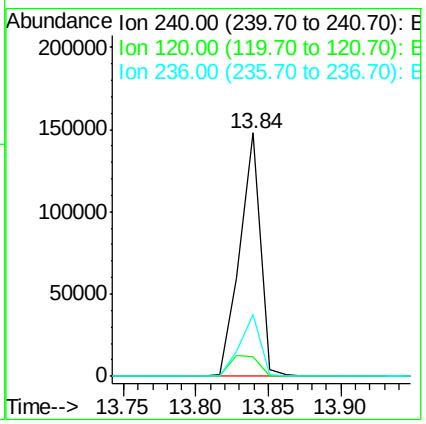


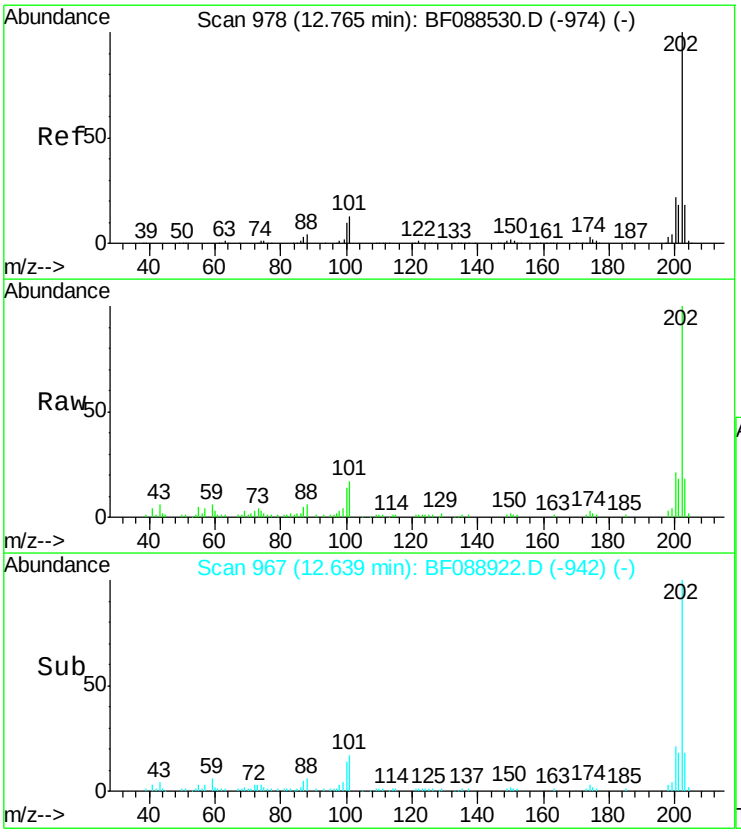
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 146228

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.6	20.2	30.2

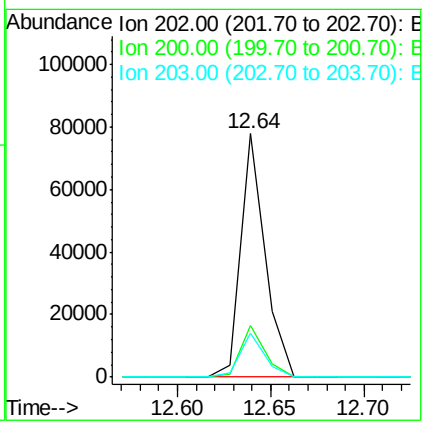


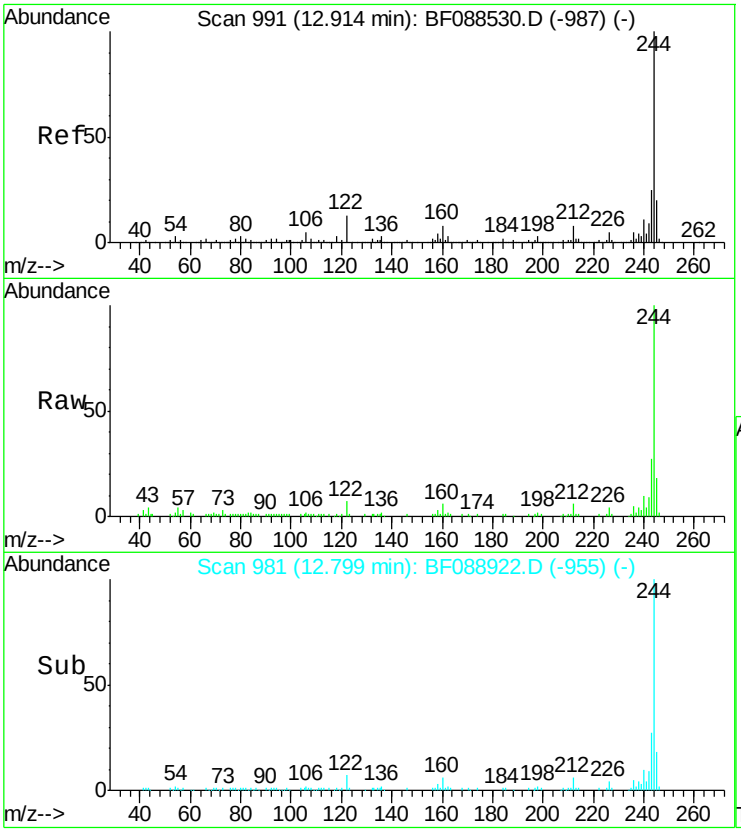


#77
Pyrene
Concen: 5.70 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:202 Resp: 70691

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.9	14.5	21.7



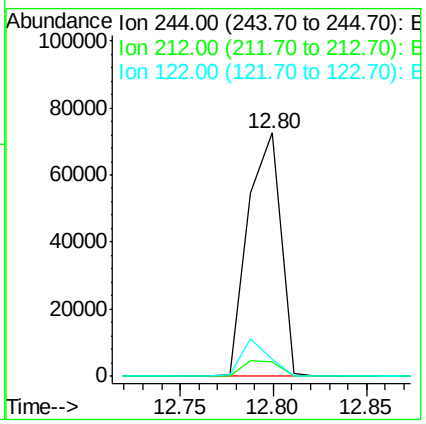


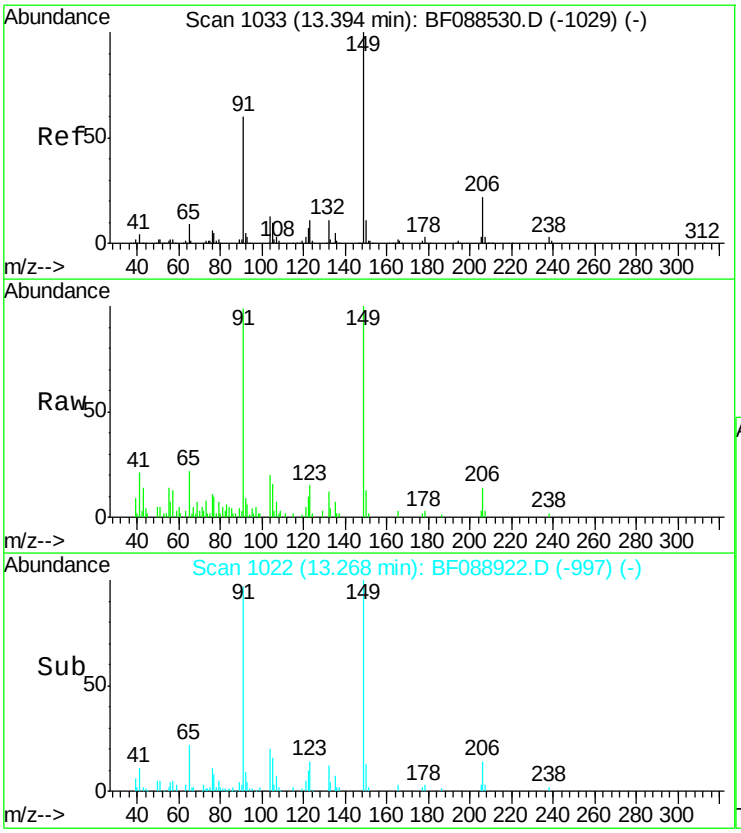
#78
Terphenyl-d14
Concen: 13.44 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 88245

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	6.8	11.2	16.8#

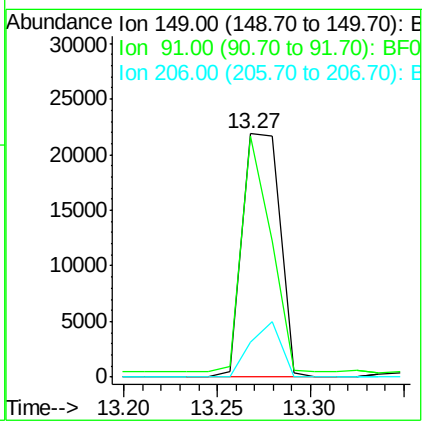


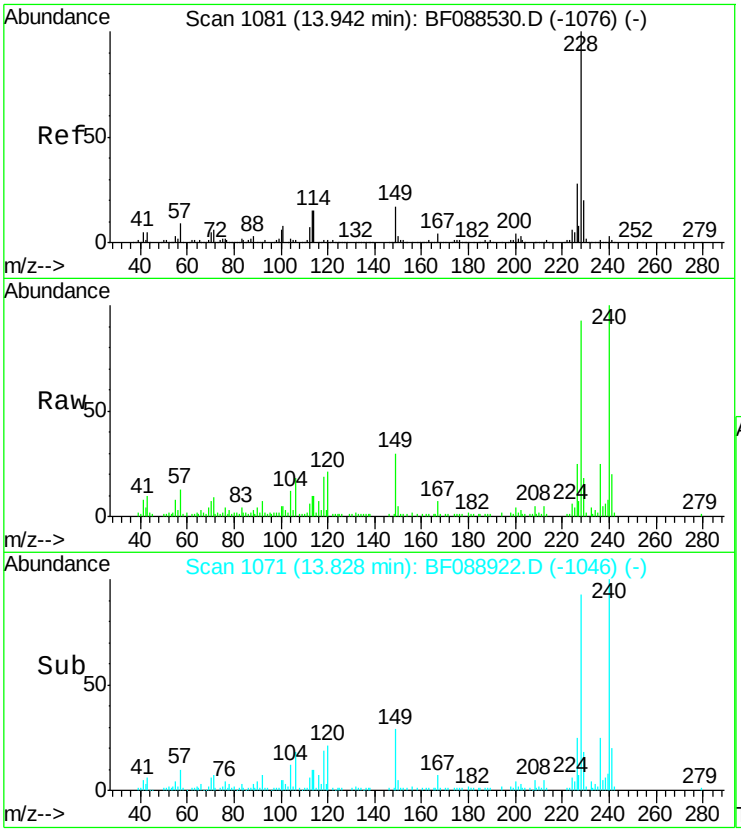


#79
Butylbenzylphthalate
Concen: 5.51 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:149 Resp: 30475

Ion	Ratio	Lower	Upper
149	100		
91	99.1	48.0	72.0#
206	14.1	16.0	24.0#



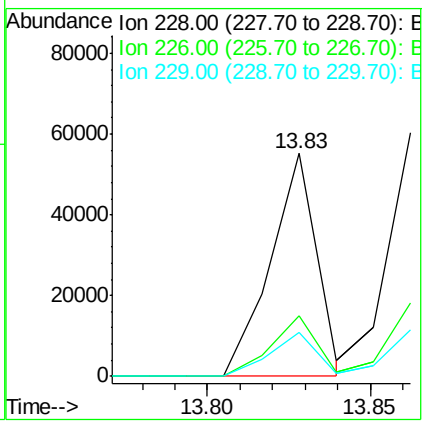


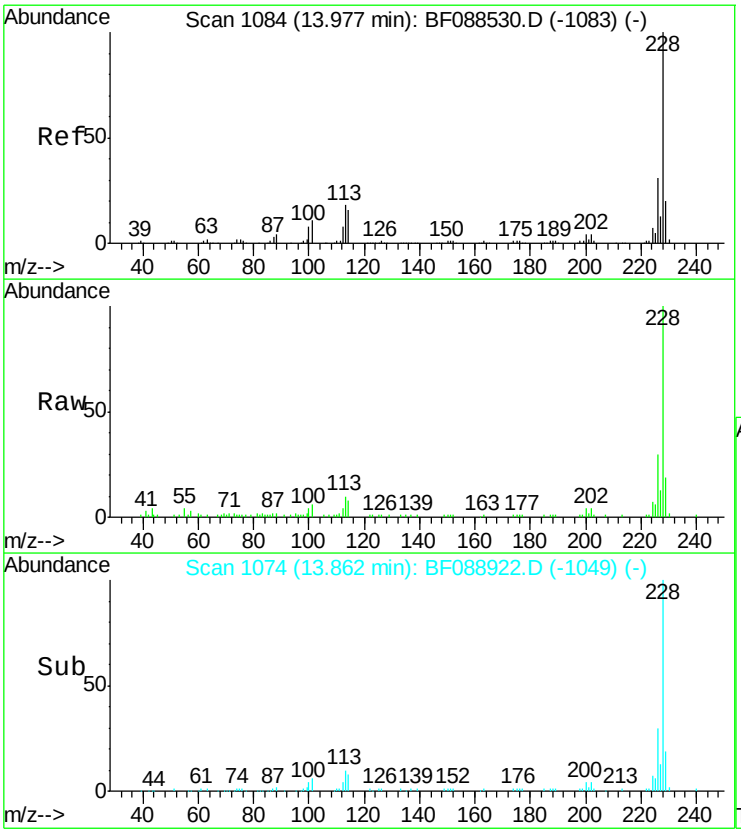
#80
Benzo(a)anthracene
Concen: 5.78 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 54434

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.8	16.0	24.0

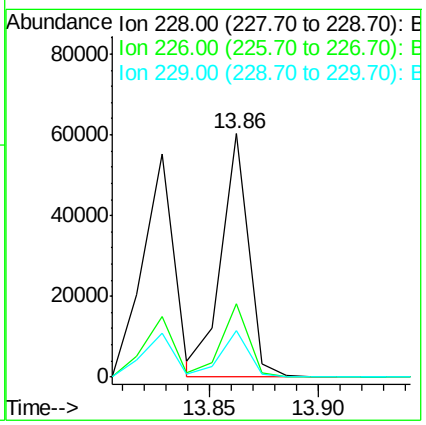


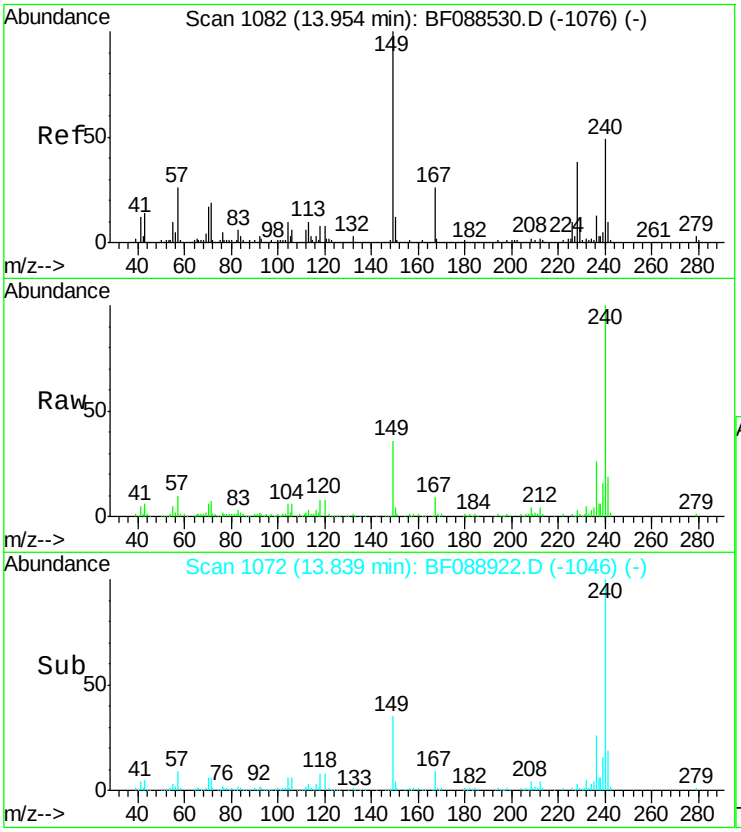


#82
Chrysene
Concen: 5.61 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:228 Resp: 52278

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	19.3	16.3	24.5



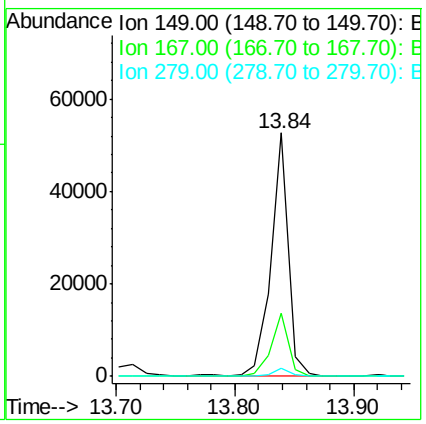


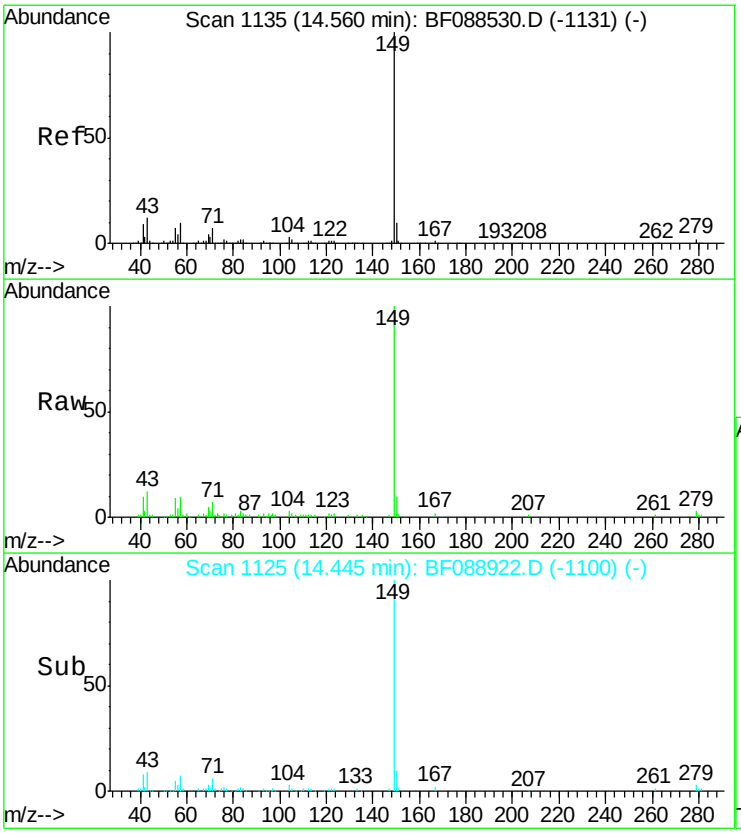
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.52 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 53806

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.5	30.7
279	3.1	2.0	3.0#

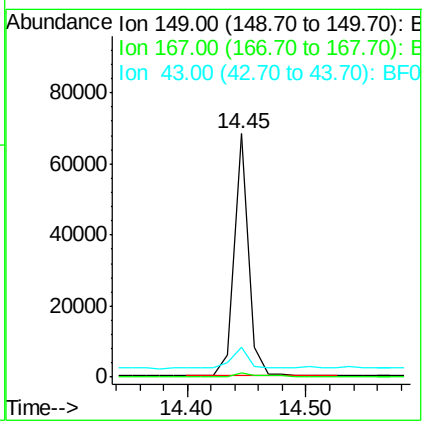


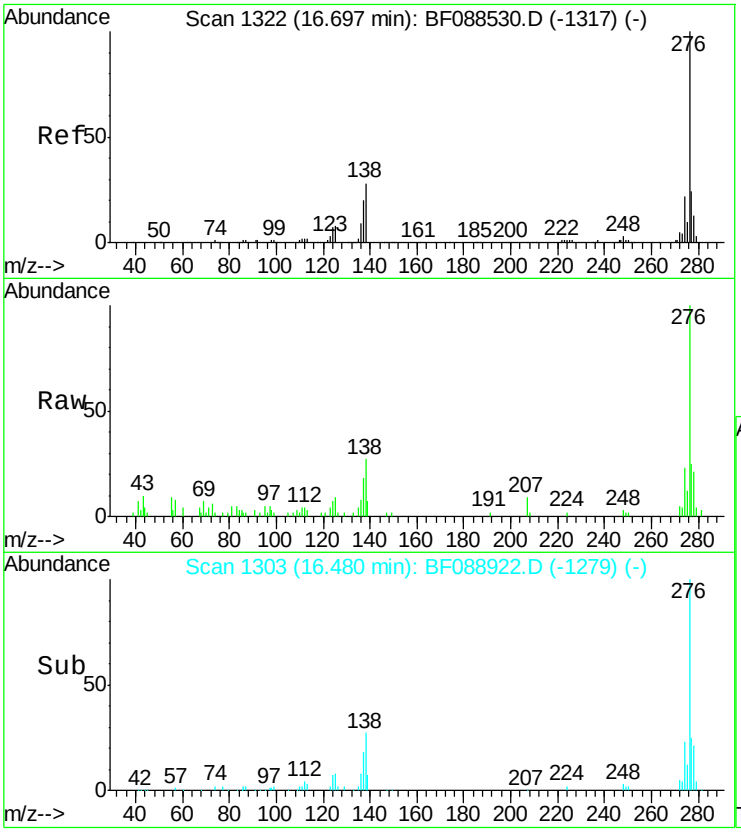


#84
Di-n-octyl phthalate
Concen: 5.36 ng
RT: 14.45 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:149 Resp: 57499

Ion	Ratio	Lower	Upper
149	100		
167	2.7	0.0	0.0#
43	11.5	0.0	0.0#



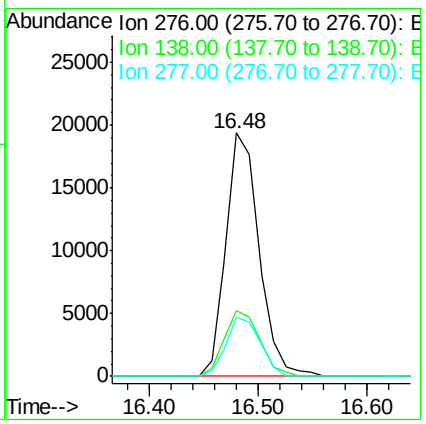


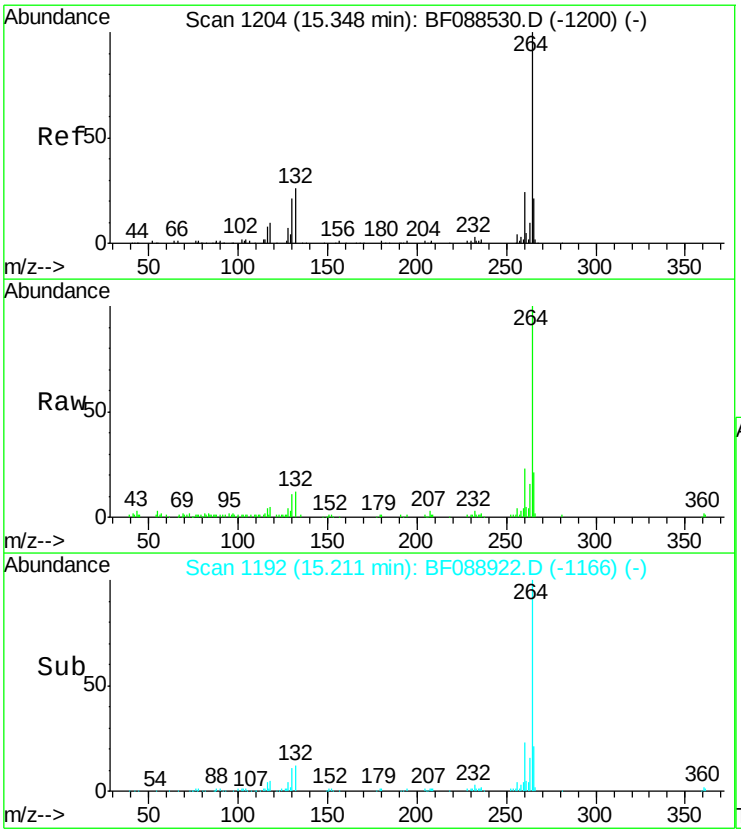
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.67 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 40670

Ion	Ratio	Lower	Upper
276	100		
138	29.0	0.0	0.0#
277	24.8	0.0	0.0#

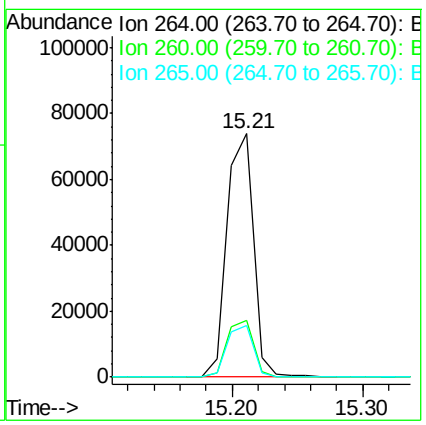


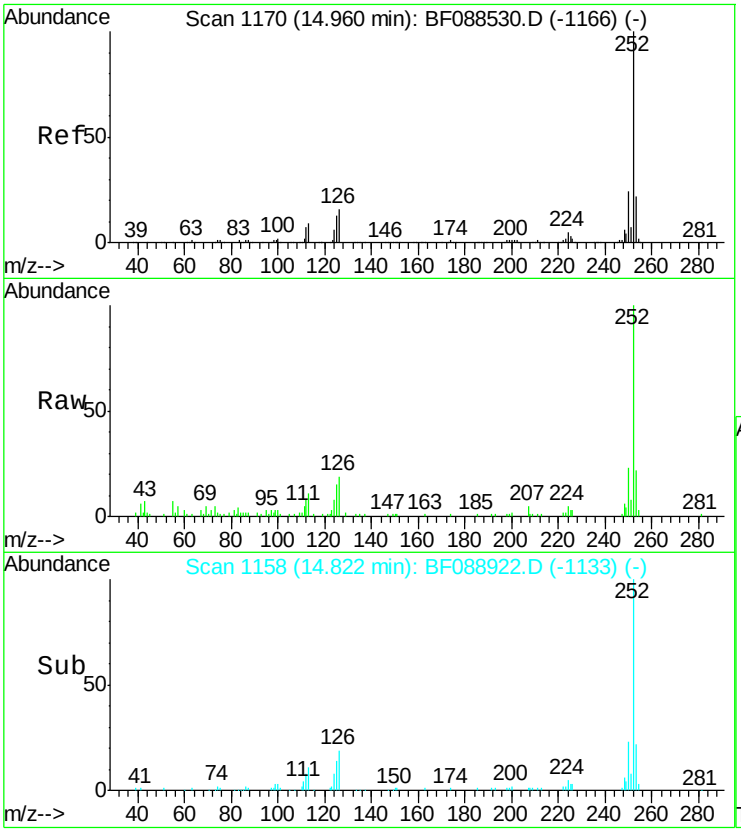


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:264 Resp: 103604

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	16.9	25.3



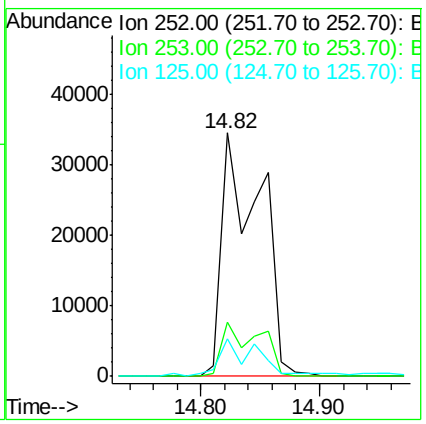


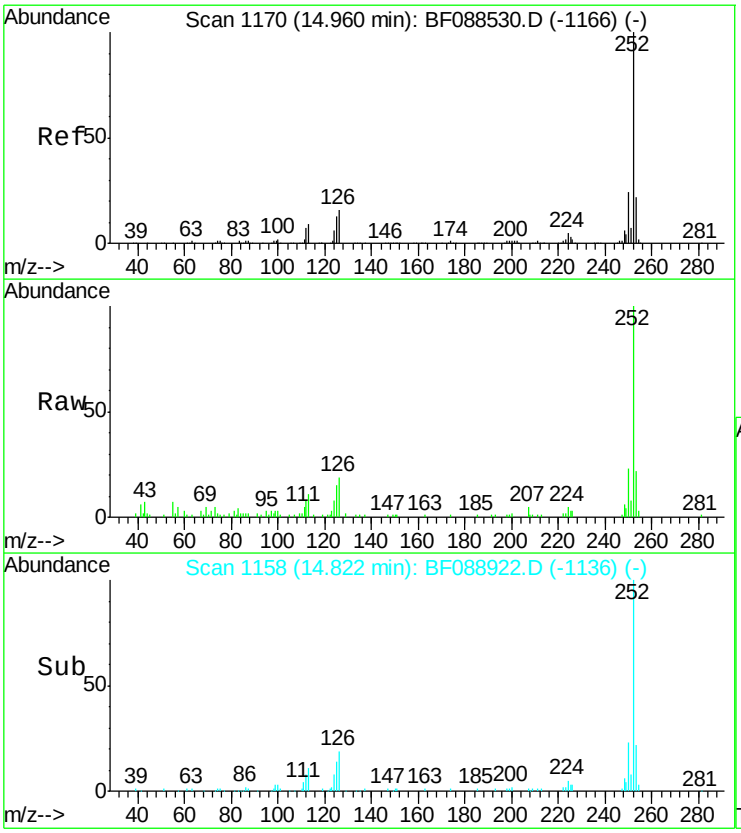
#87
Benzo(b)fluoranthene
Concen: 11.92 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 77452

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	15.4	7.1	10.7#

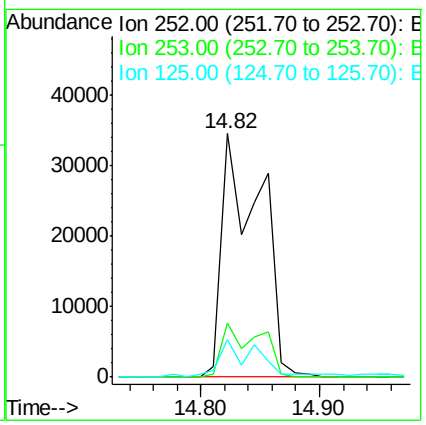


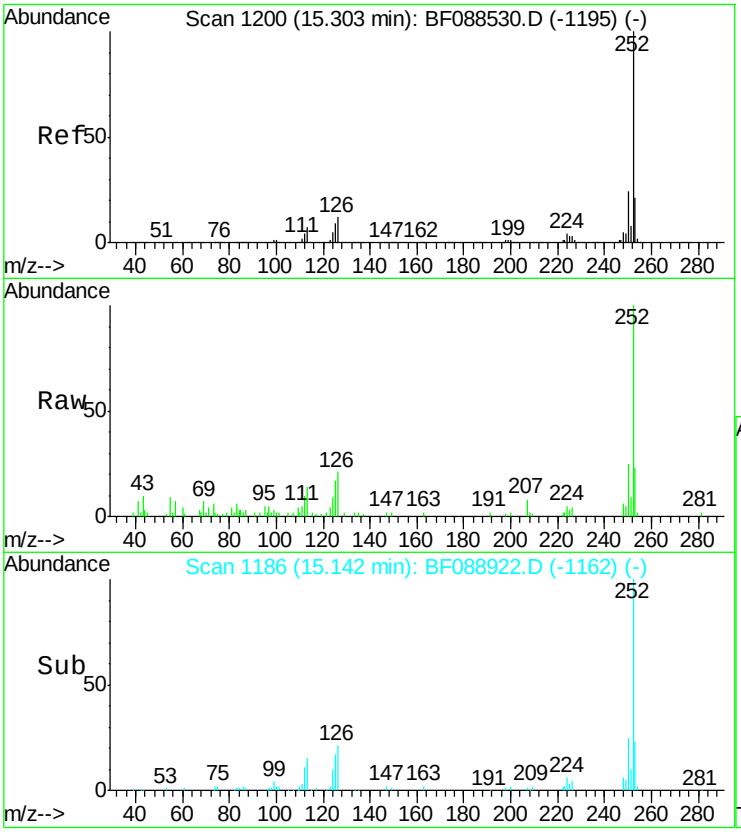


#88
Benzo(k)fluoranthene
Concen: 13.69 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:252 Resp: 77452

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	15.4	11.2	16.8



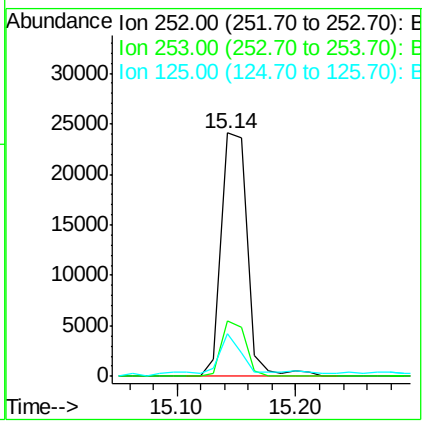


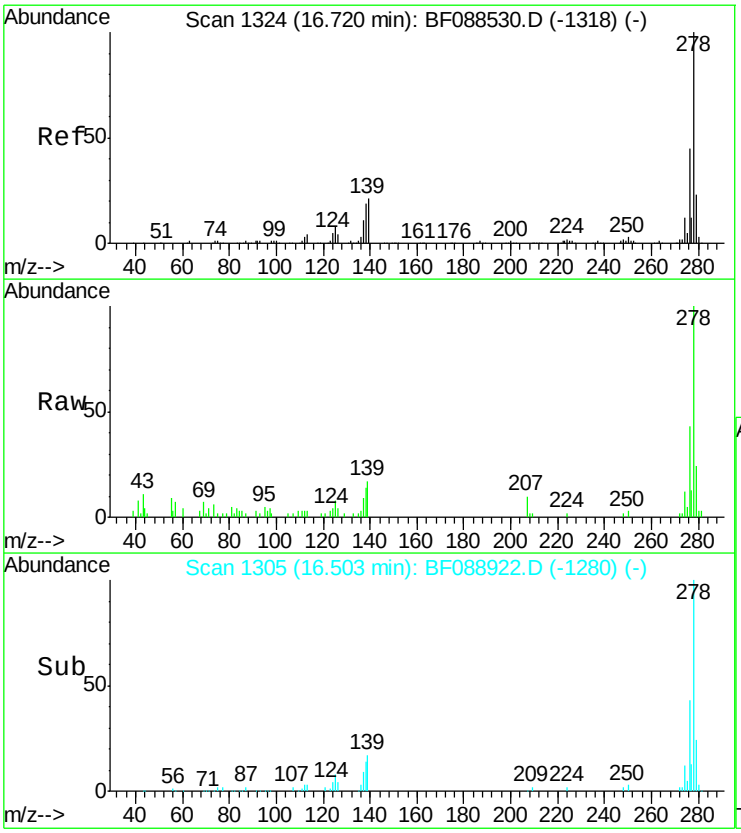
#89
Benzo(a)pyrene
Concen: 6.65 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36601

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	17.5	12.5	18.7

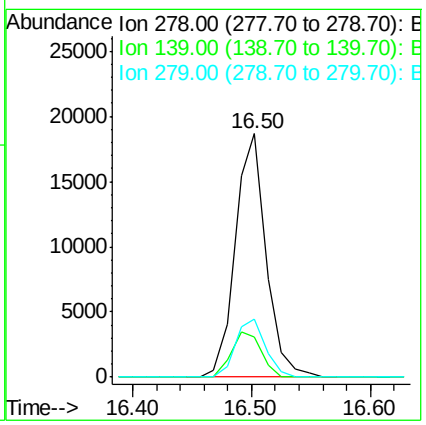


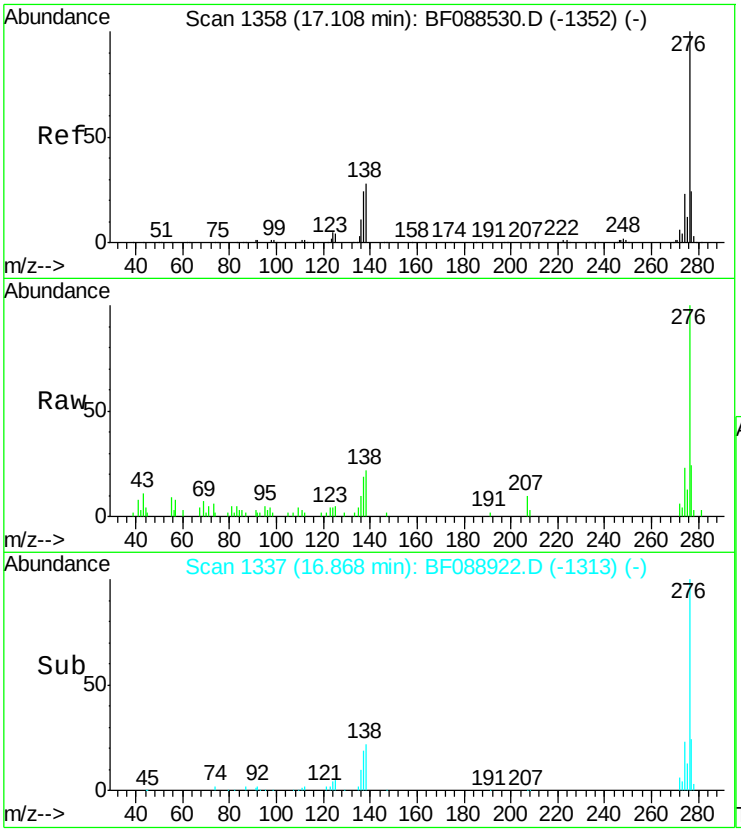


#90
Dibenzo(a,h)anthracene
Concen: 7.32 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Tgt Ion:278 Resp: 33650

Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.7	23.5
279	23.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 7.20 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF088922.D
Acq: 12 Jul 2016 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34215

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.3	21.4	32.2