Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088647.D
Acq On : 3 Jul 2016 14:06
Operator : UM/SJ
Sample : PB91664BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91664BS

Manual Integrations
APPROVED
umangi
7/5/2016 7:51:59 PM

Quant Time: Jul 04 05:46:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122716	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	483007	20.00	ng		-0.03
38) Acenaphthene-d10	9.83	164	234188	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	452136	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	317634	20.00	ng		-0.02
86) Perylene-d12	15.31	264	309090	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	831737	101.58	ng		-0.01
7) Phenol-d6	6.43	99	1228541	116.12	ng		-0.01
23) Nitrobenzene-d5	7.35	82	855204	92.79	ng		-0.03
41) 2,4,6-Tribromophenol	10.62	330	306481	140.93	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1291697	87.12	ng		-0.02
78) Terphenyl-d14	12.88	244	1133549	79.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	131383	32.36	ng	#	31
3) Pyridine	3.11	79	386951	32.85	ng		94
4) n-Nitrosodimethylamine	3.07	42	161237	35.83	ng		90
6) Aniline	6.44	93	271075	17.58	ng	#	1
8) 2-Chlorophenol	6.57	128	343097	38.99	ng		99
10) Phenol	6.44	94	451324	37.38	ng		80
11) bis(2-Chloroethyl)ether	6.52	93	322835	35.85	ng		93
12) 1,3-Dichlorobenzene	6.73	146	383244m	39.57	ng		
13) 1,4-Dichlorobenzene	6.80	146	365541	38.03	ng		95
14) 1,2-Dichlorobenzene	6.96	146	374929m	41.67	ng		
15) Benzyl Alcohol	6.94	79	332475	42.70	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	458268	35.14	ng		91
17) 2-Methylphenol	7.05	107	320939	44.70	ng		97
18) Hexachloroethane	7.30	117	153443	41.27	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	264023	37.15	ng		92
20) 3+4-Methylphenols	7.20	107	367995	42.71	ng	#	69
22) Acetophenone	7.20	105	500707	42.71	ng	#	87
24) Nitrobenzene	7.37	77	408168	43.92	ng	#	84
25) Isophorone	7.61	82	732883	42.93	ng		96
26) 2-Nitrophenol	7.69	139	206644	54.23	ng	#	89
27) 2,4-Dimethylphenol	7.74	122	370316	46.66	ng		91
28) bis(2-Chloroethoxy)methane	7.83	93	449370	40.45	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	292151	45.54	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	311948	44.31	ng		98
31) Naphthalene	8.09	128	1005891	42.24	ng		100
32) Benzoic acid	7.86	122	212489	36.87	ng		95
33) 4-Chloroaniline	8.14	127	112568	10.63	ng		97
34) Hexachlorobutadiene	8.22	225	165103	43.80	ng		99
35) Caprolactam	8.51	113	107415m	49.31	ng		
36) 4-Chloro-3-methylphenol	8.64	107	362623	47.81	ng		100
37) 2-Methylnaphthalene	8.79	142	722738	47.14	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	268995	34.53	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	323126	84.52	ng		98
42) 2,4,6-Trichlorophenol	9.06	196	205130	39.94	ng		97

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Quant Time: Jul 04 05:46:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	208966	47.29	ng	#	85
45) 1,1'-Biphenyl	9.24	154	783888	40.42	ng		98
46) 2-Chloronaphthalene	9.27	162	614415	40.36	ng		97
47) 2-Nitroaniline	9.37	65	243063	44.99	ng	#	82
48) Acenaphthylene	9.69	152	1069077	44.13	ng		99
49) Dimethylphthalate	9.55	163	681798	40.86	ng		100
50) 2,6-Dinitrotoluene	9.61	165	159303	43.08	ng	#	53
51) Acenaphthene	9.86	154	713567	48.06	ng		100
52) 3-Nitroaniline	9.77	138	84759	18.03	ng		89
53) 2,4-Dinitrophenol	9.88	184	145880	89.35	ng		96
54) Dibenzofuran	10.03	168	927607	47.73	ng		95
55) 4-Nitrophenol	9.95	139	324129	90.74	ng	#	71
56) 2,4-Dinitrotoluene	10.01	165	203726	42.14	ng	#	44
57) Fluorene	10.38	166	640102	42.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	172331	50.41	ng	#	49
59) Diethylphthalate	10.25	149	707300	42.24	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	285686	41.05	ng		96
61) 4-Nitroaniline	10.39	138	172937	38.23	ng		85
62) Azobenzene	10.52	77	879888	46.07	ng		96
64) 4,6-Dinitro-2-methylphenol	10.42	198	115943	47.94	ng	#	72
65) n-Nitrosodiphenylamine	10.48	169	610537	39.90	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	199736	43.84	ng		95
67) Hexachlorobenzene	10.91	284	189309	37.53	ng		95
68) Atrazine	11.02	200	207784	43.58	ng		94
69) Pentachlorophenol	11.11	266	221147	74.09	ng		96
70) Phenanthrene	11.32	178	913478	36.96	ng		99
71) Anthracene	11.38	178	1068777	43.49	ng		99
72) Carbazole	11.53	167	890467	38.50	ng		99
73) Di-n-butylphthalate	11.87	149	1167614	43.40	ng		100
74) Fluoranthene	12.50	202	987860	39.43	ng		97
76) Benzidine	12.63	184	267248	16.65	ng		98
77) Pyrene	12.73	202	942705	35.00	ng		99
79) Butylbenzylphthalate	13.36	149	461865	38.45	ng	#	77
80) Benzo(a)anthracene	13.92	228	830031	40.58	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	112211	14.59	ng		99
82) Chrysene	13.95	228	748290	36.98	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	551843	40.24	ng		98
84) Di-n-octyl phthalate	14.54	149	1117327	47.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	740420	47.56	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	1008027m	51.99	ng		
88) Benzo(k)fluoranthene	14.96	252	563501m	33.38	ng		
89) Benzo(a)pyrene	15.27	252	755266	46.01	ng	#	96
90) Dibenzo(a,h)anthracene	16.67	278	609521	44.46	ng		100
91) Benzo(g,h,i)perylene	17.06	276	592005	41.73	ng		98

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

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Misc :
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Instrument :
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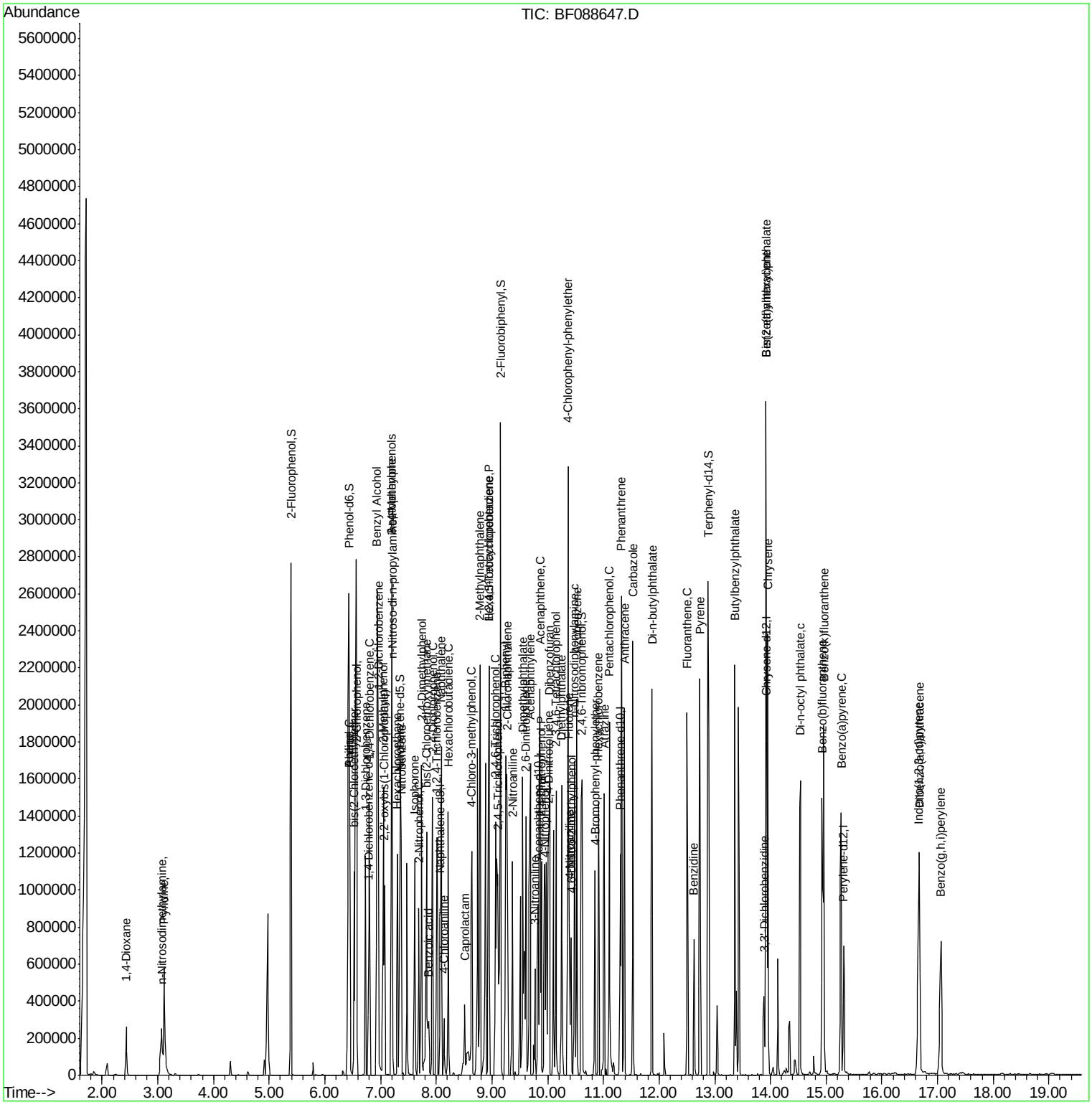
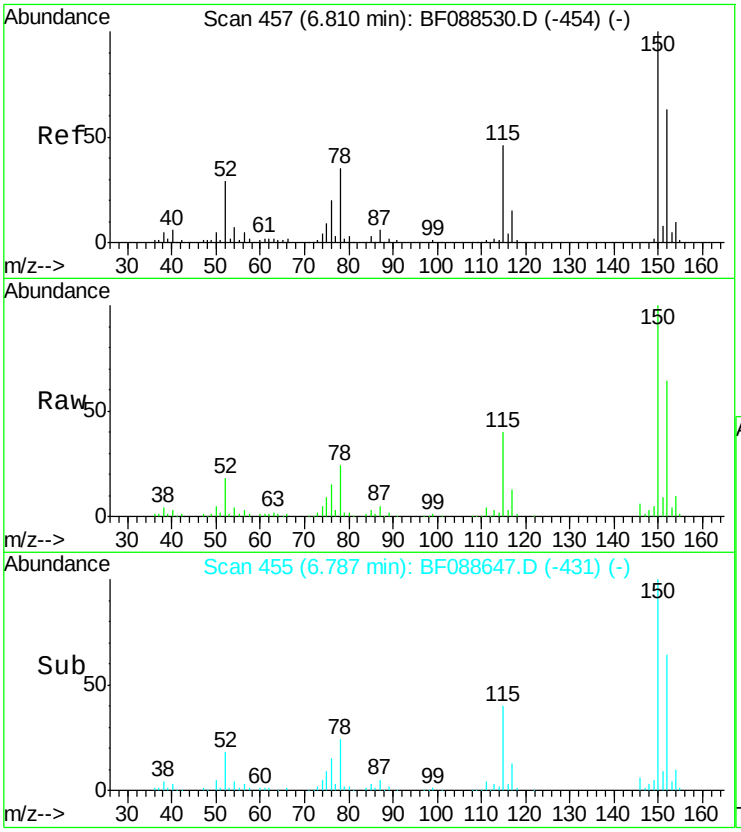
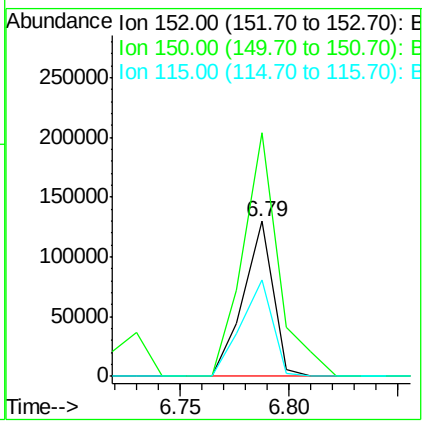




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:152 Resp: 122716

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.6
115	62.1	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
PB91664BS

Manual Integrations
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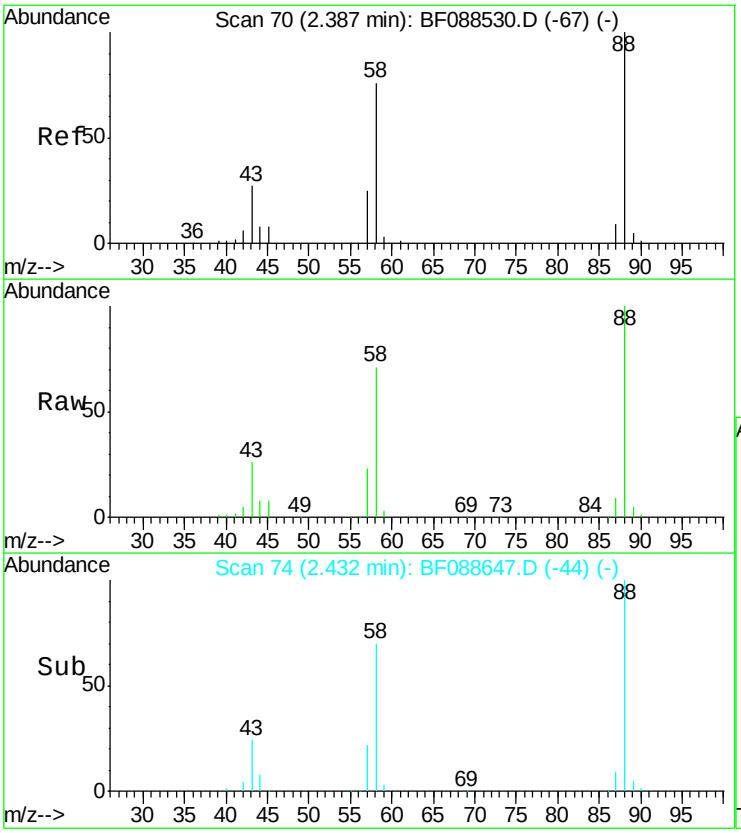
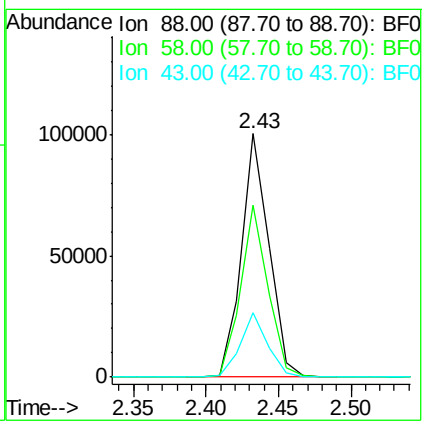
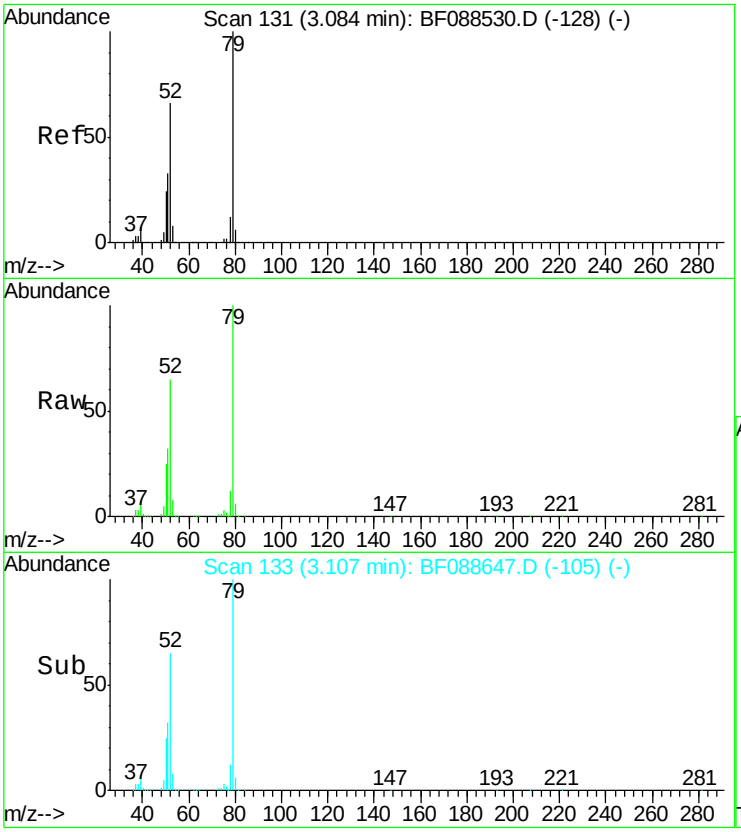


#2
1,4-Dioxane
Concen: 32.36 ng
RT: 2.43 min Scan# 74
Delta R.T. 0.05 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 88 Resp: 131383

Ion	Ratio	Lower	Upper
88	100		
58	70.2	0.0	0.0#
43	27.1	3.4	5.2#

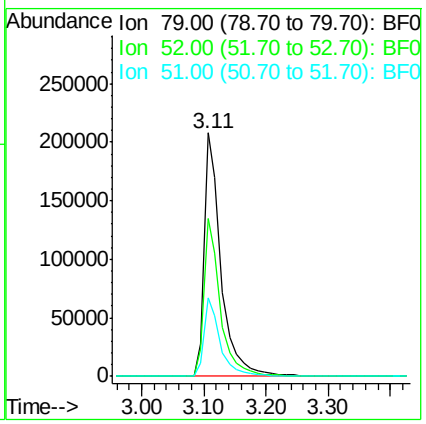




#3
Pyridine
Concen: 32.85 ng
RT: 3.11 min Scan# 133
Delta R.T. 0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 79 Resp: 386951

Ion	Ratio	Lower	Upper
79	100		
52	64.7	56.3	84.5
51	32.3	27.4	41.2



Instrument :
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ClientSampleId :
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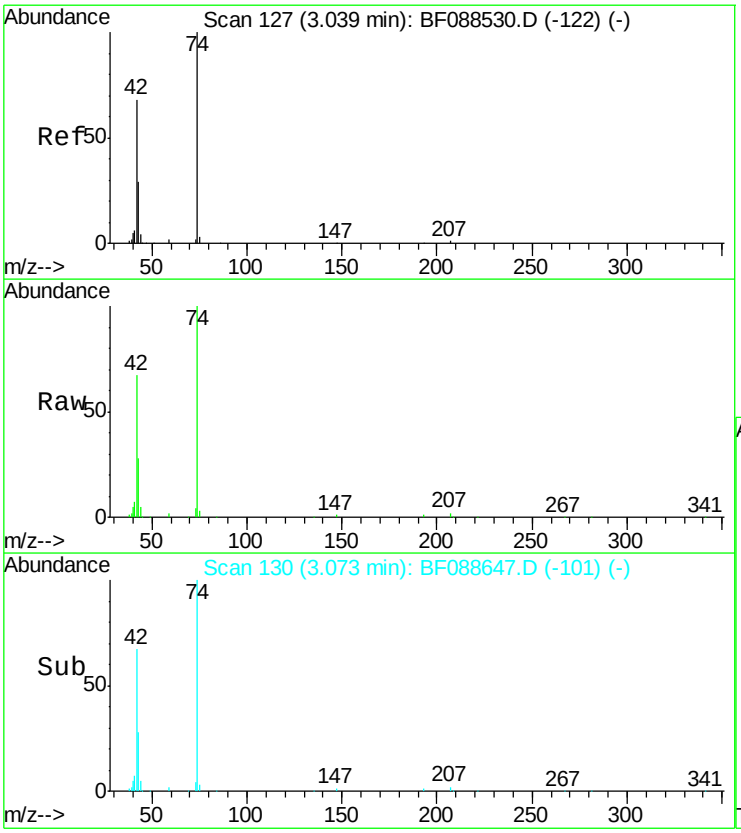
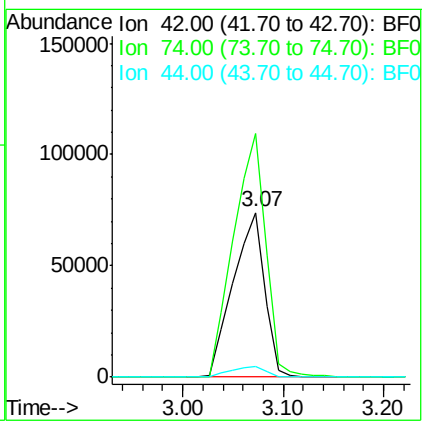
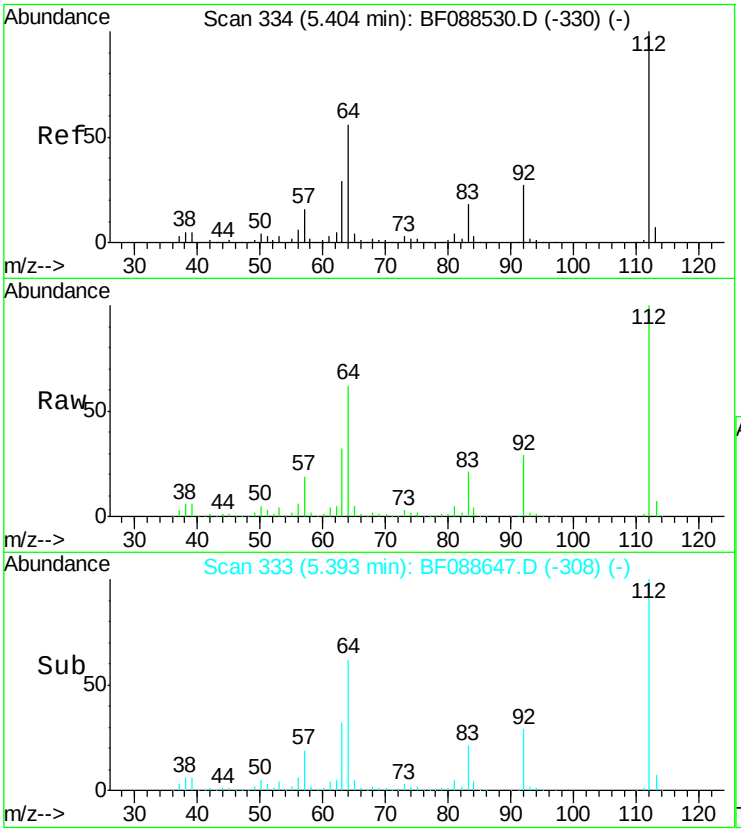


#4
n-Nitrosodimethylamine
Concen: 35.83 ng
RT: 3.07 min Scan# 130
Delta R.T. 0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 42 Resp: 161237

Ion	Ratio	Lower	Upper
42	100		
74	148.2	108.6	163.0
44	6.8	5.5	8.3

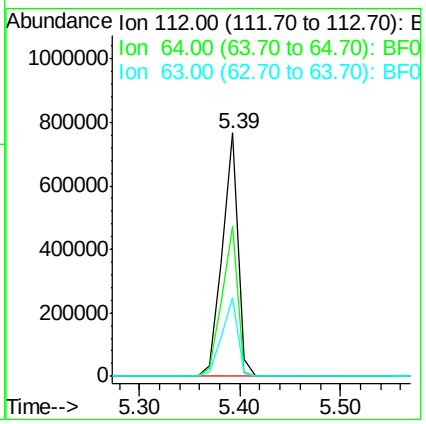




#5
2-Fluorophenol
Concen: 101.58 ng
RT: 5.39 min Scan# 333
Delta R.T. -0.01 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:112 Resp: 831737

Ion	Ratio	Lower	Upper
112	100		
64	61.5	42.2	63.2
63	32.4	21.8	32.8



Instrument :
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ClientSampleId :
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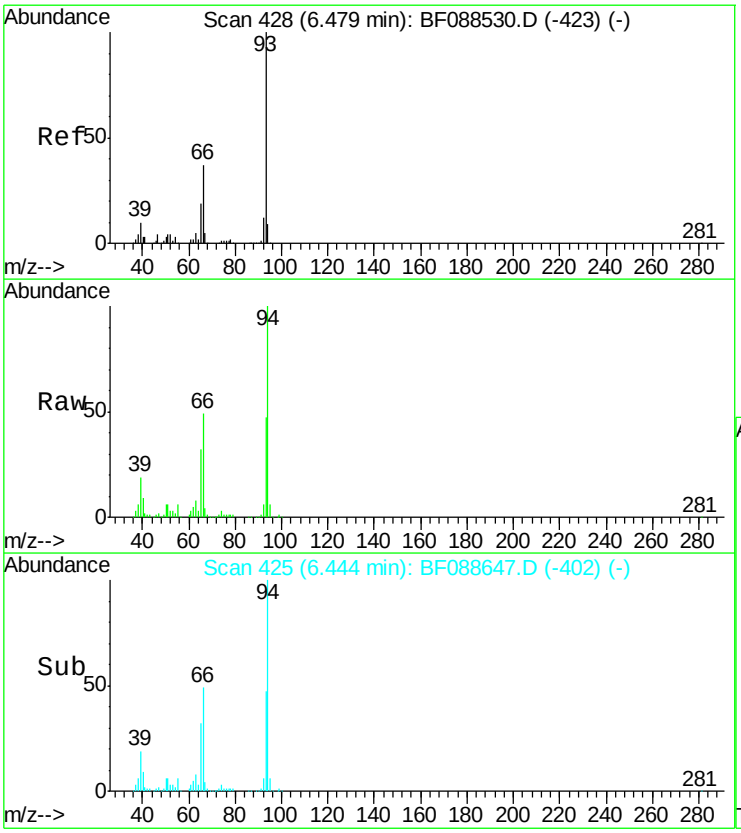
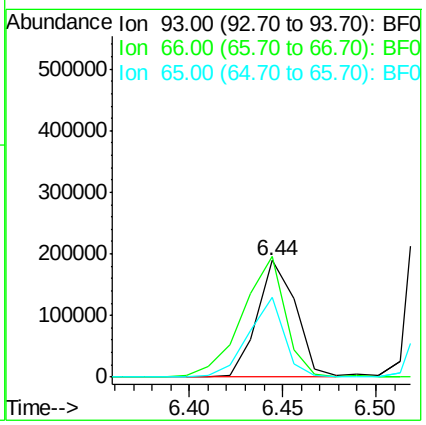
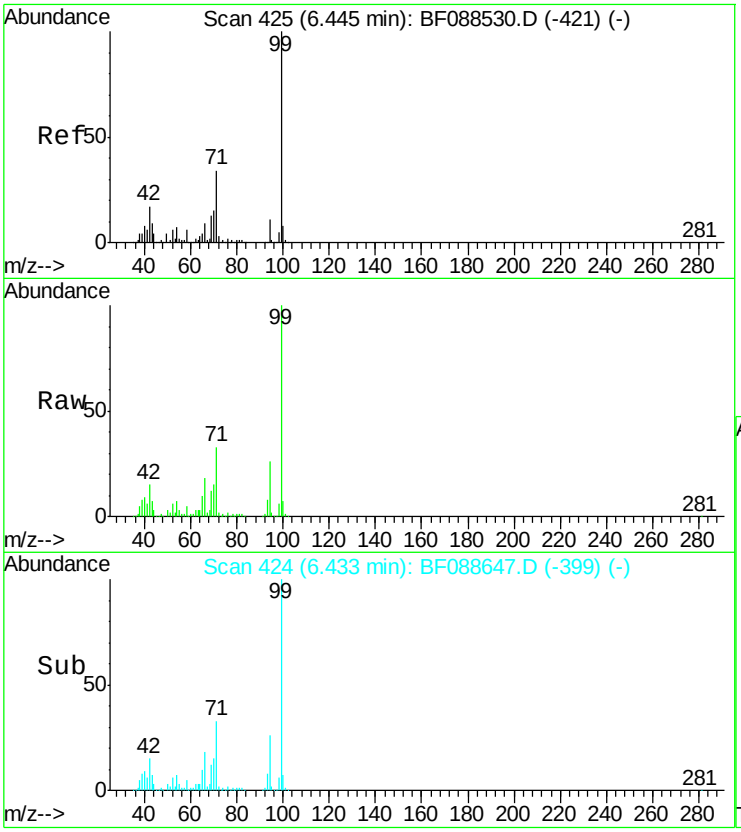


#6
Aniline
Concen: 17.58 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 93 Resp: 271075

Ion	Ratio	Lower	Upper
93	100		
66	104.0	29.8	44.8#
65	68.8	14.9	22.3#

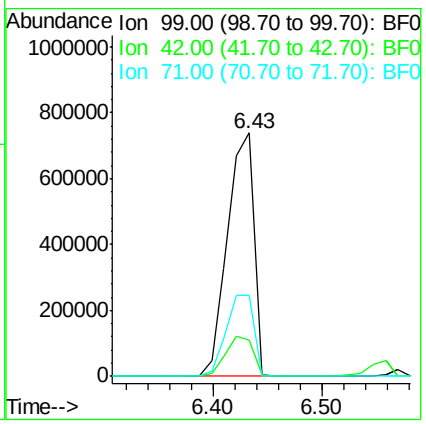




#7
Phenol-d6
Concen: 116.12 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 99 Resp: 1228541

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.2
71	33.4	23.4	35.0



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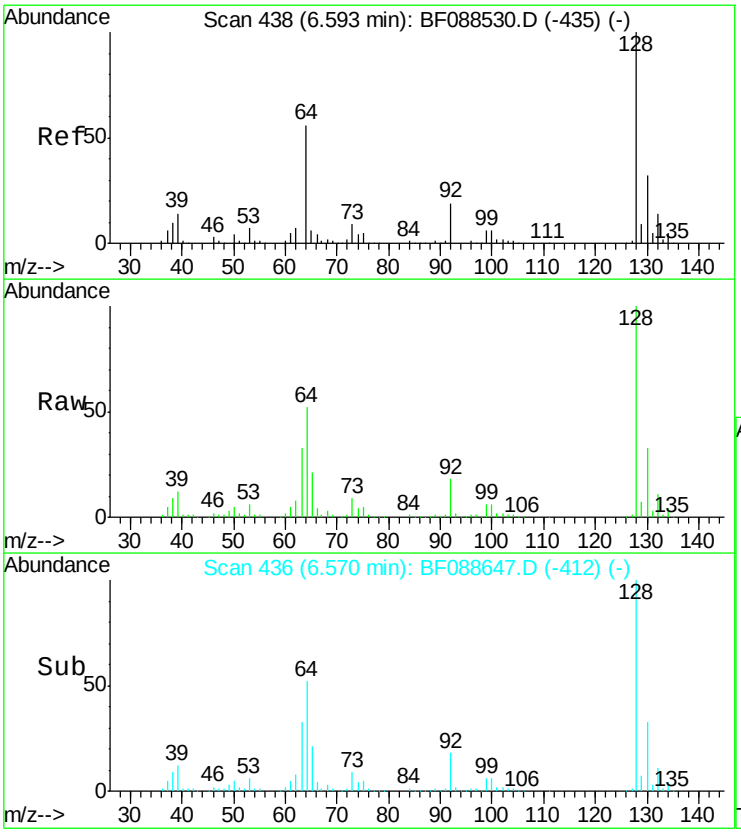
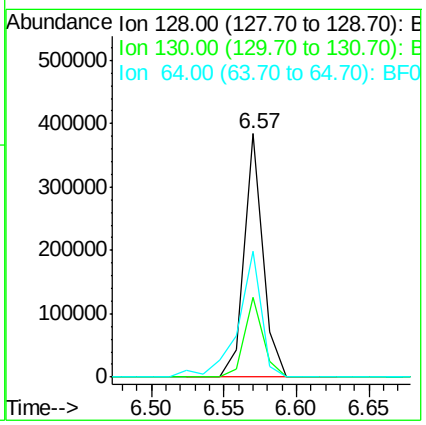
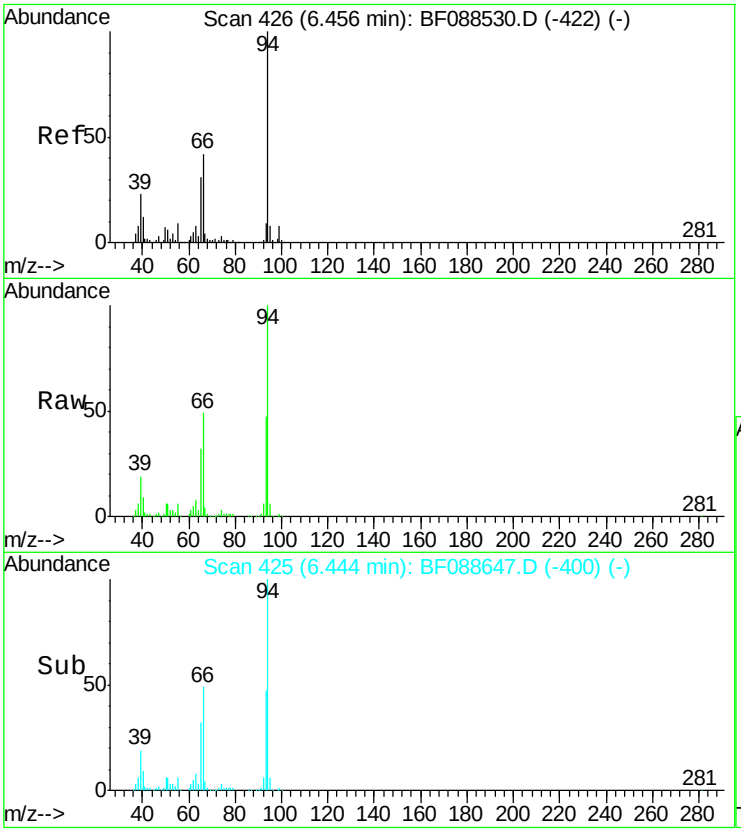


#8
2-Chlorophenol
Concen: 38.99 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:128 Resp: 343097

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.0	52.0
64	51.9	30.8	70.8

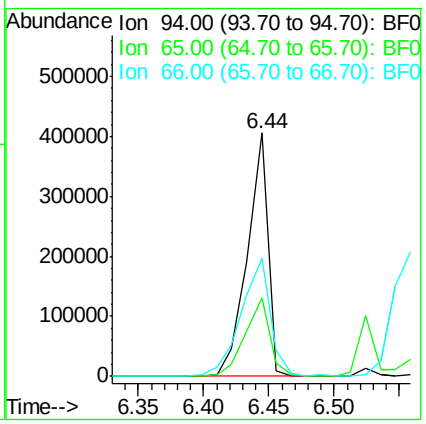




#10
Phenol
Concen: 37.38 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 94 Resp: 451324

Ion	Ratio	Lower	Upper
94	100		
65	32.1	5.9	45.9
66	48.5	14.0	54.0



Instrument :
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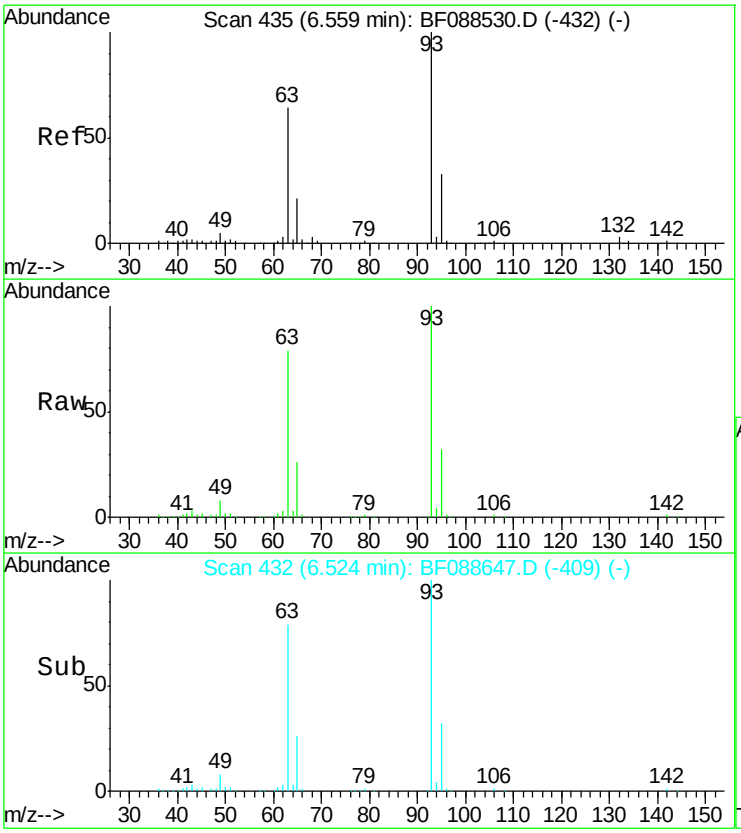
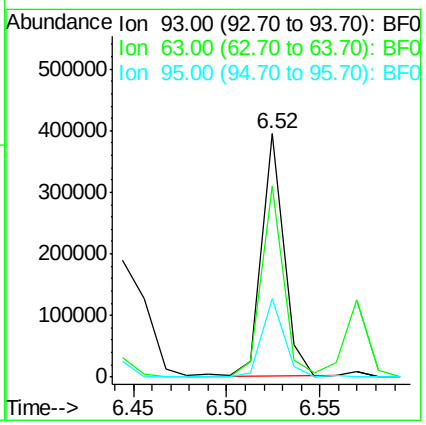
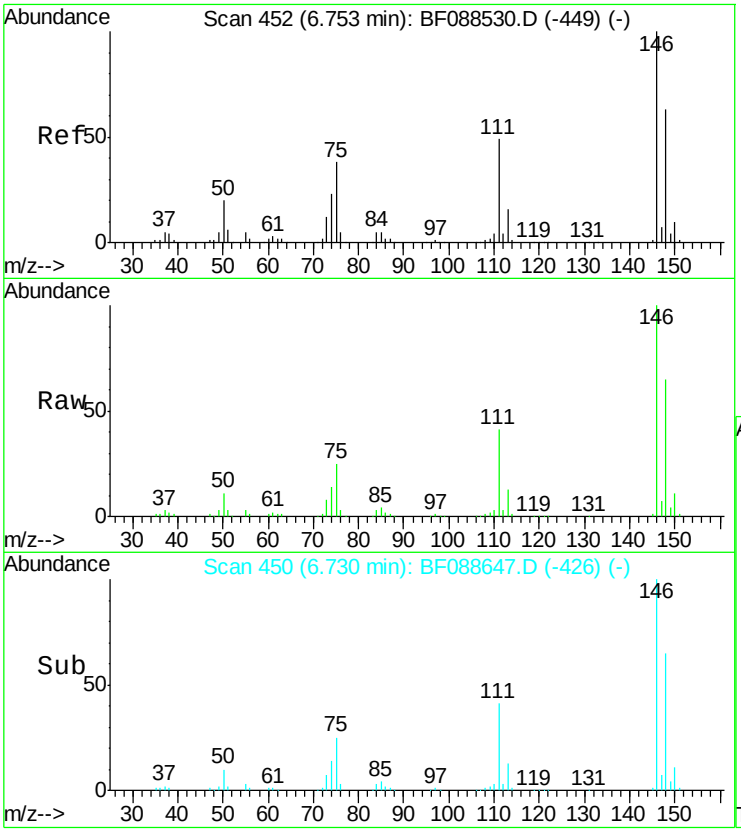


#11
bis(2-Chloroethyl)ether
Concen: 35.85 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 93 Resp: 322835

Ion	Ratio	Lower	Upper
93	100		
63	78.6	67.6	107.6
95	32.0	12.5	52.5

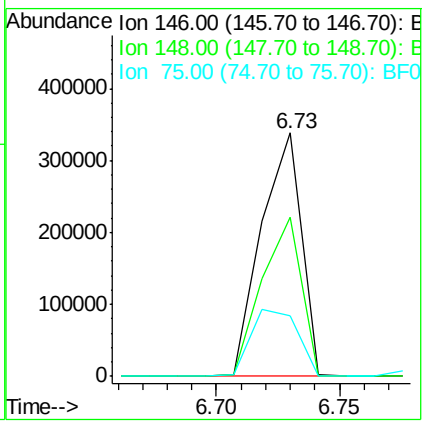




#12
1,3-Dichlorobenzene
Concen: 39.57 ng m
RT: 6.73 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:146 Resp: 383244

Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.9	76.3
75	24.9	25.6	38.4#



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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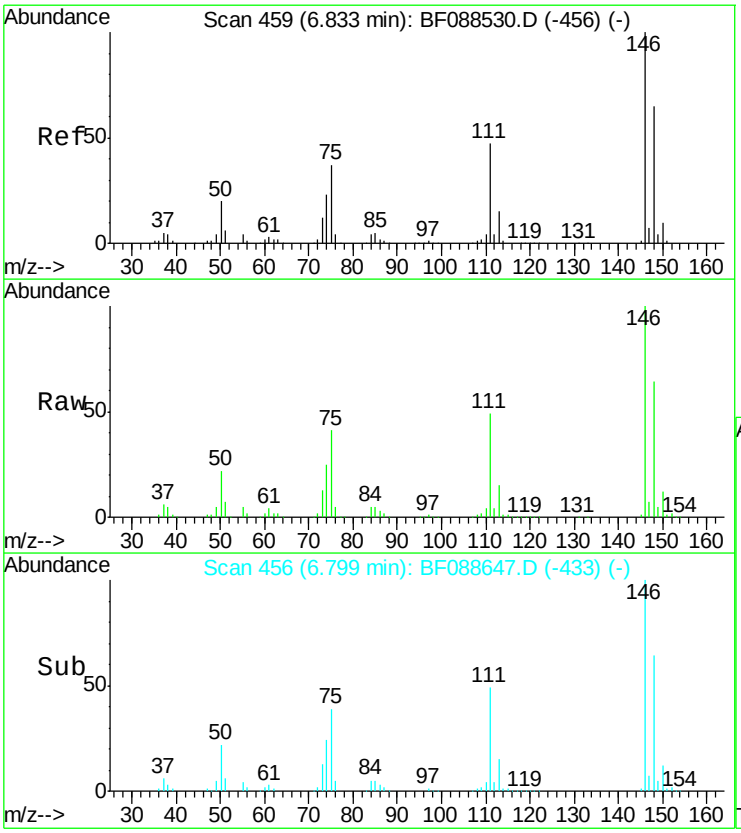
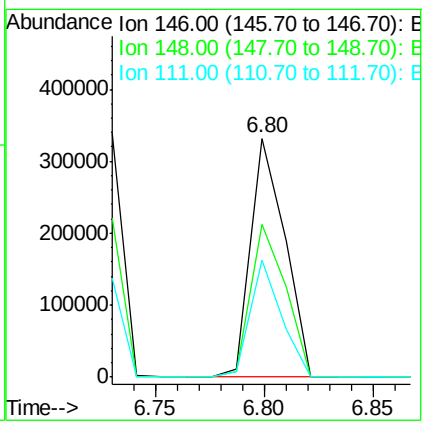
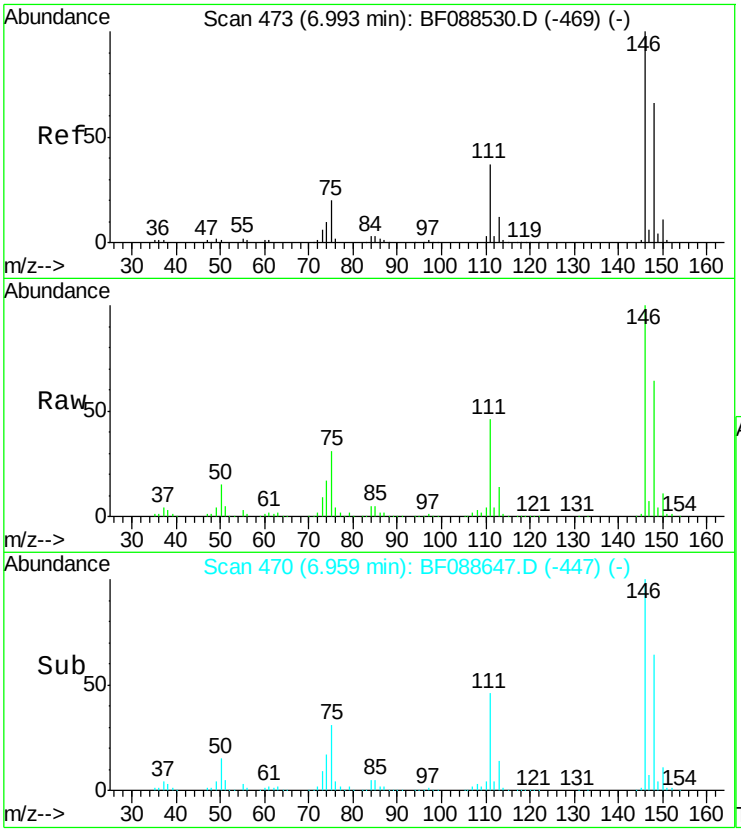


#13
1,4-Dichlorobenzene
Concen: 38.03 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:146 Resp: 365541

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
111	48.9	33.8	50.8

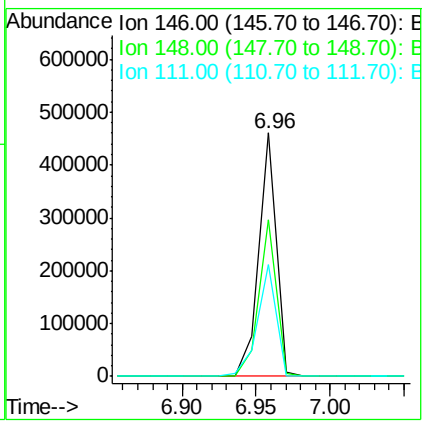




#14
1,2-Dichlorobenzene
Concen: 41.67 ng m
RT: 6.96 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:146 Resp: 374929

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
111	45.7	28.7	43.1#



Instrument :
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ClientSampleId :
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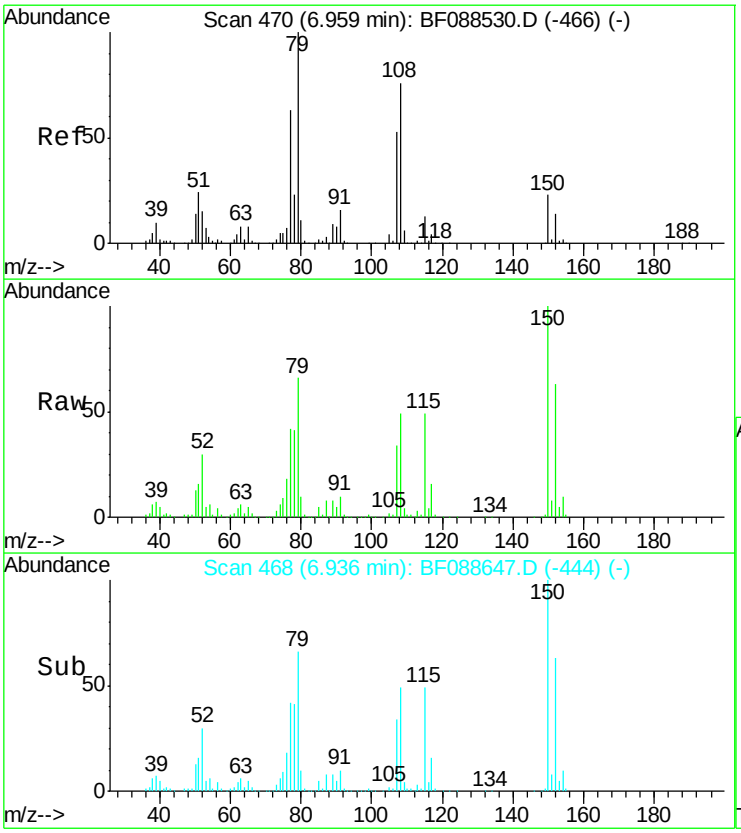
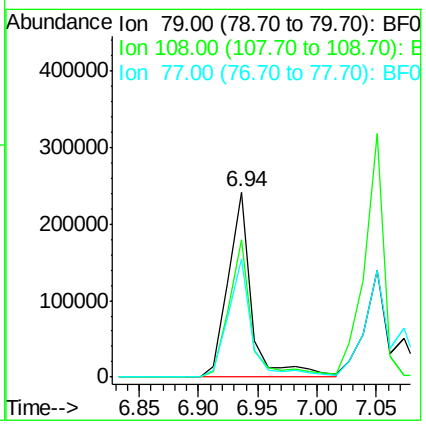
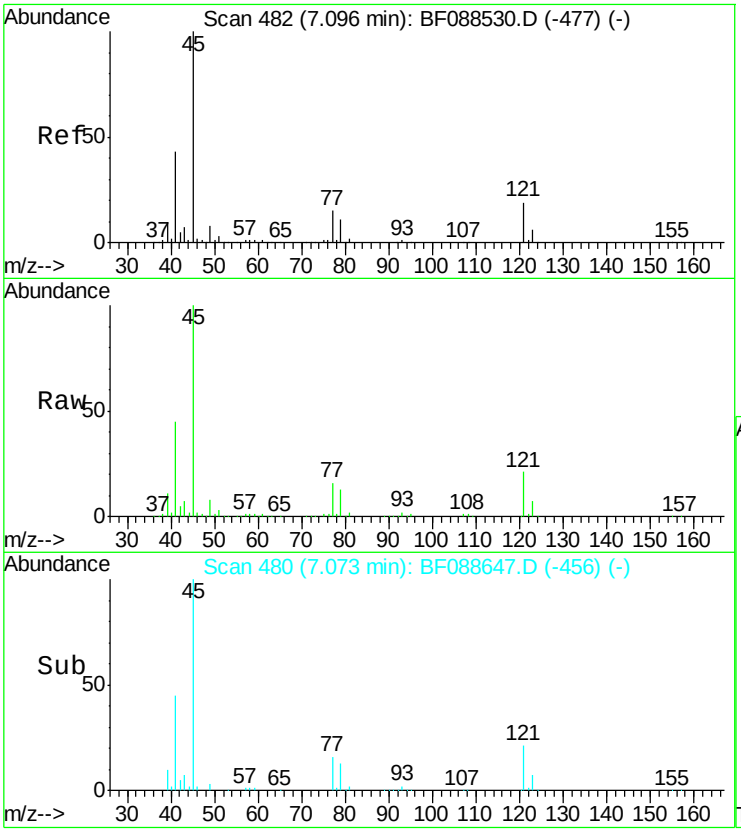


#15
Benzyl Alcohol
Concen: 42.70 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 79 Resp: 332475

Ion	Ratio	Lower	Upper
79	100		
108	74.2	65.0	97.6
77	63.8	50.3	75.5

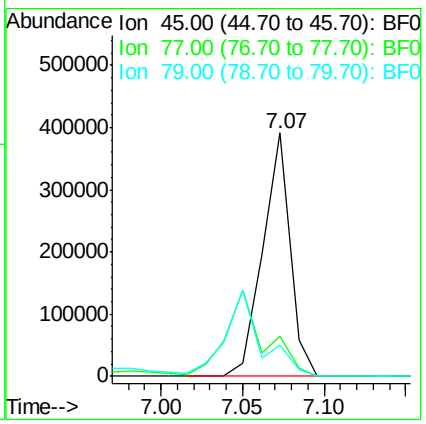




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.14 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 45 Resp: 458268

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.5
79	12.8	0.0	29.5



Instrument :
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ClientSampleId :
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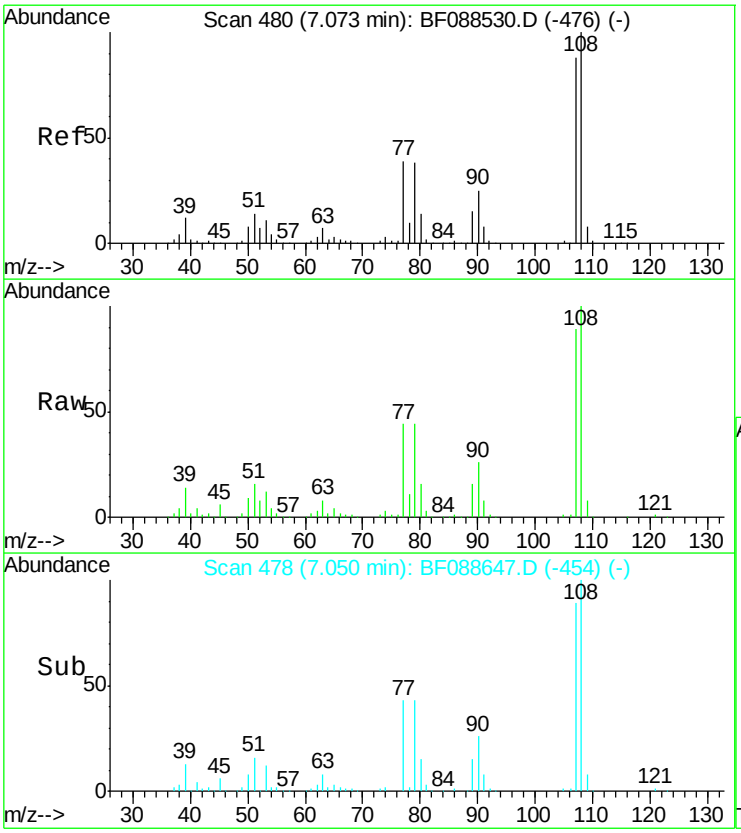
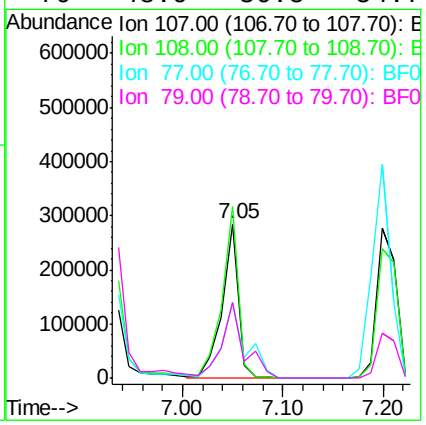
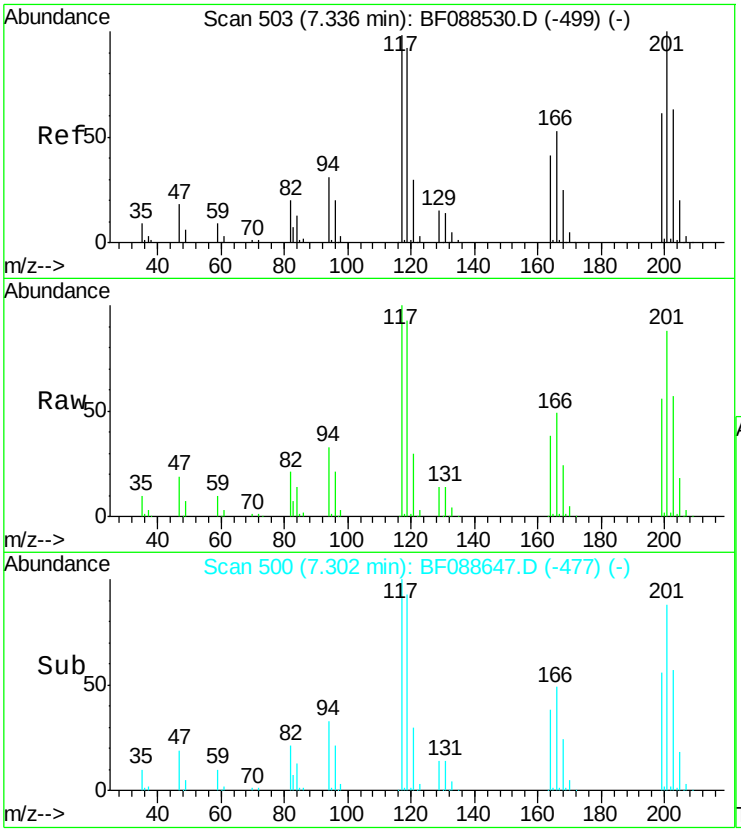


#17
2-Methylphenol
Concen: 44.70 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:107 Resp: 320939

Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.9	136.3
77	48.8	36.6	55.0
79	48.9	36.5	54.7

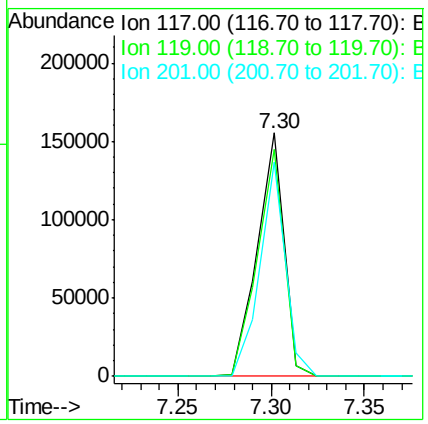




#18
Hexachloroethane
Concen: 41.27 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:117 Resp: 153443

Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.4	116.2
201	88.1	80.4	120.6



Instrument :
BNA_F
ClientSampleId :
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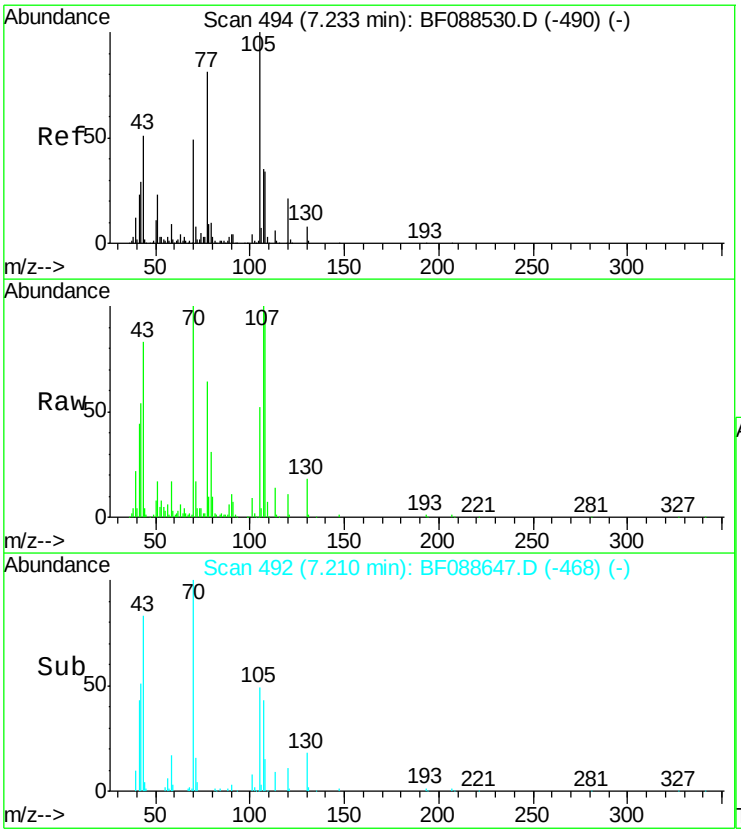
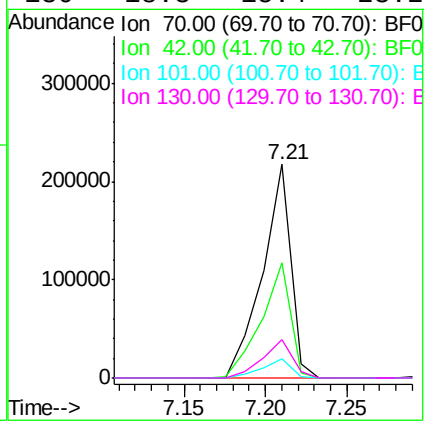
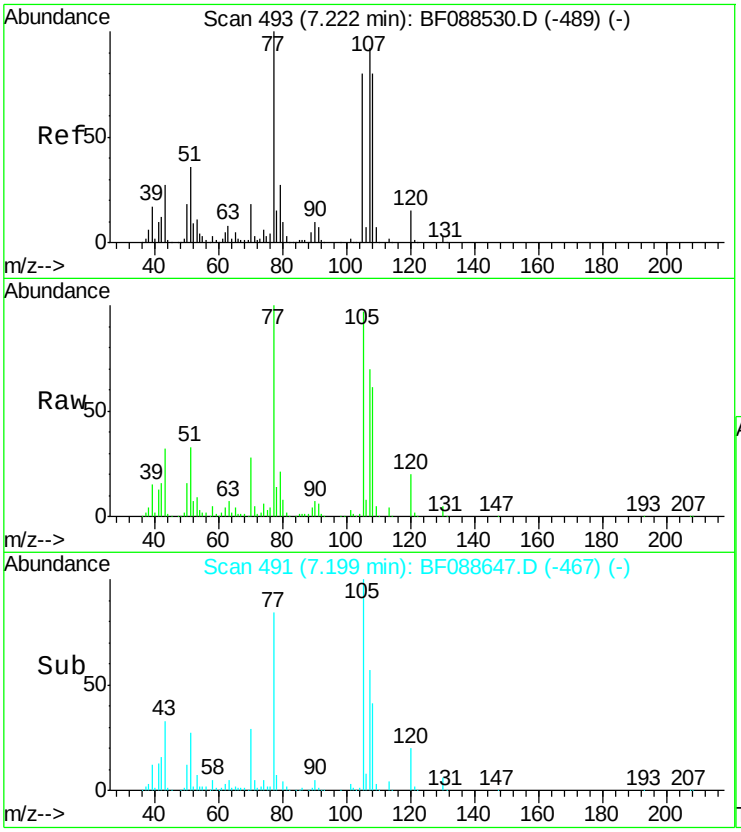


#19
n-Nitroso-di-n-propylamine
Concen: 37.15 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 70 Resp: 264023

Ion	Ratio	Lower	Upper
70	100		
42	54.0	49.6	74.4
101	9.0	7.1	10.7
130	18.3	15.4	23.2

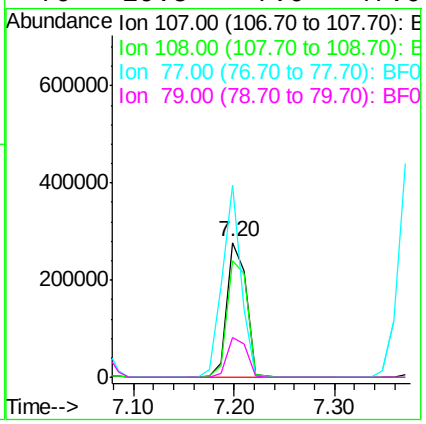




#20
3+4-Methylphenols
Concen: 42.71 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:107 Resp: 367995

Ion	Ratio	Lower	Upper
107	100		
108	86.6	67.8	107.8
77	142.5	59.3	99.3#
79	29.5	7.0	47.0



Instrument :
BNA_F
ClientSampleId :
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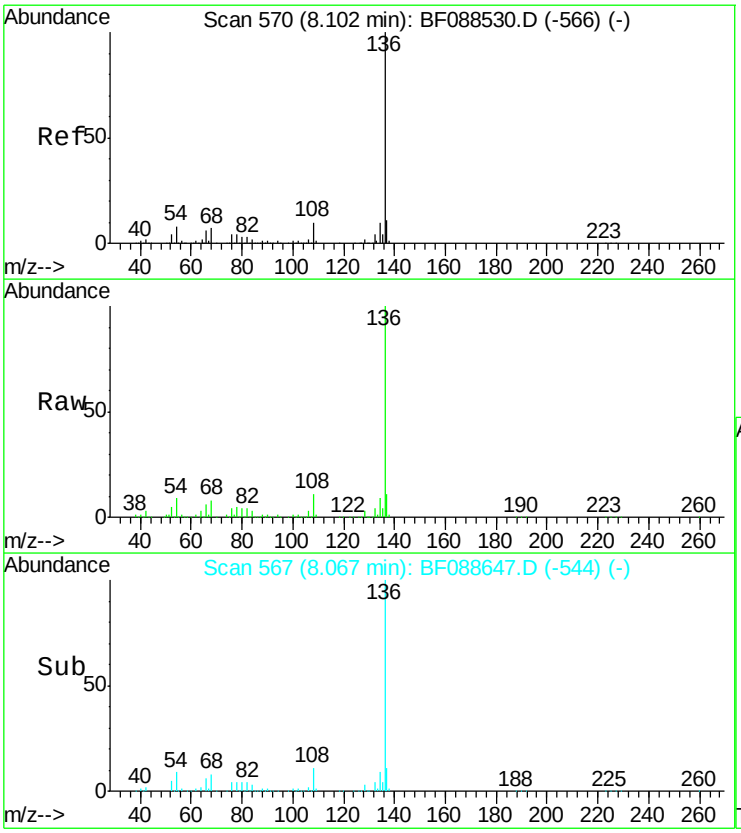
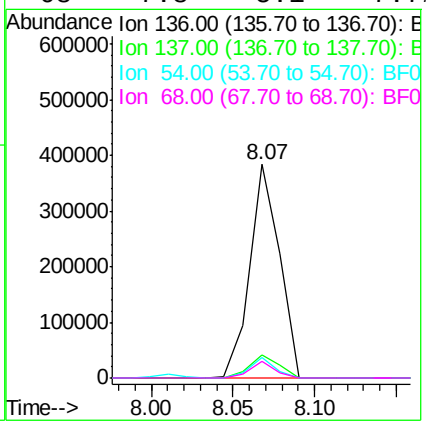
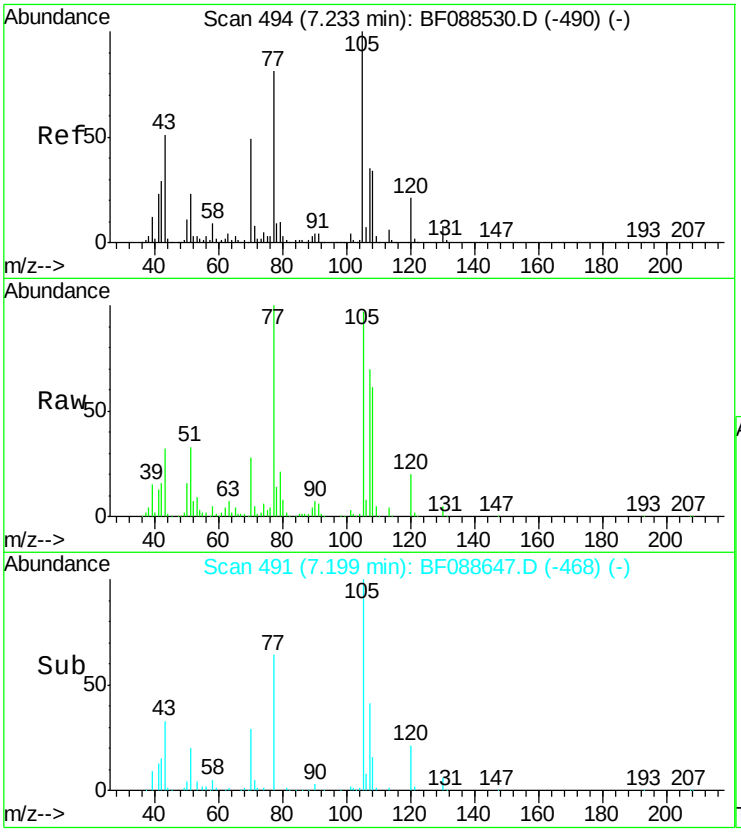


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:136 Resp: 483007

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.4	6.6	10.0
68	7.8	5.1	7.7#

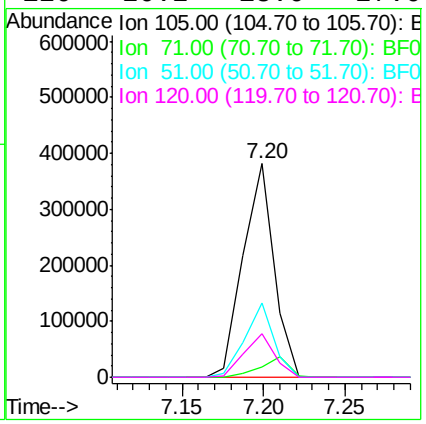




#22
Acetophenone
Concen: 42.71 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:105 Resp: 500707

Ion	Ratio	Lower	Upper
105	100		
71	4.7	5.3	7.9#
51	34.5	18.2	27.4#
120	20.2	18.0	27.0



Instrument :
BNA_F
ClientSampleId :
PB91664BS

Manual Integrations
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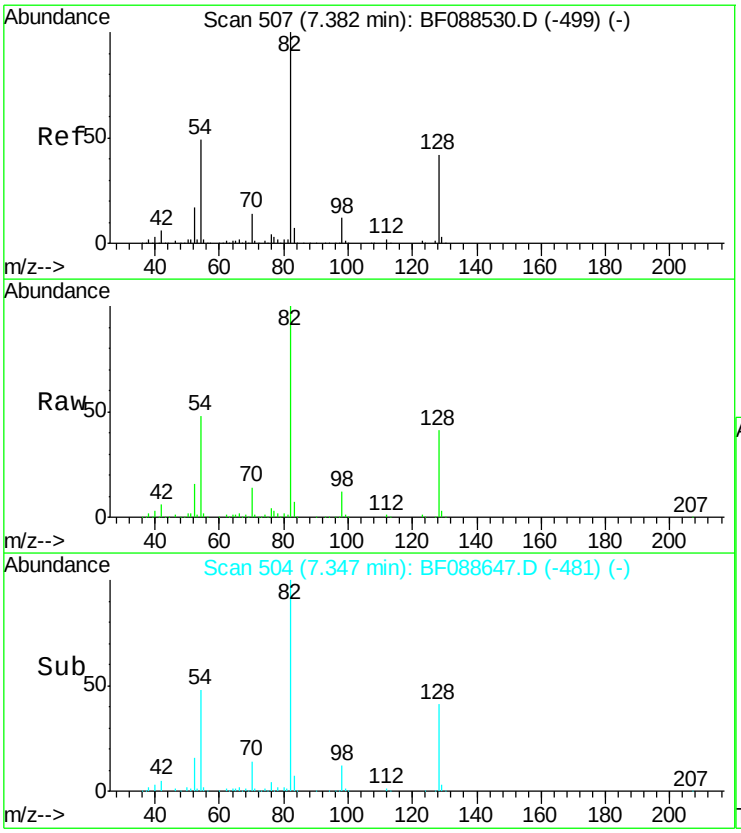
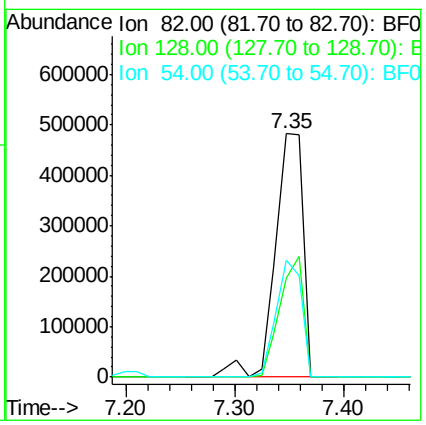
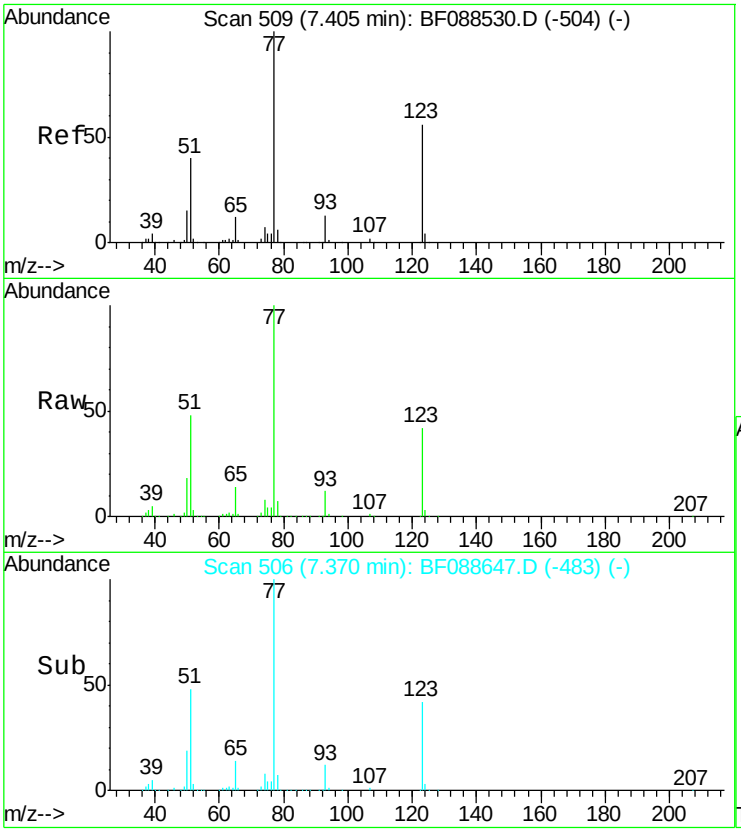


#23
Nitrobenzene-d5
Concen: 92.79 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 82 Resp: 855204

Ion	Ratio	Lower	Upper
82	100		
128	40.8	35.9	53.9
54	48.2	40.9	61.3

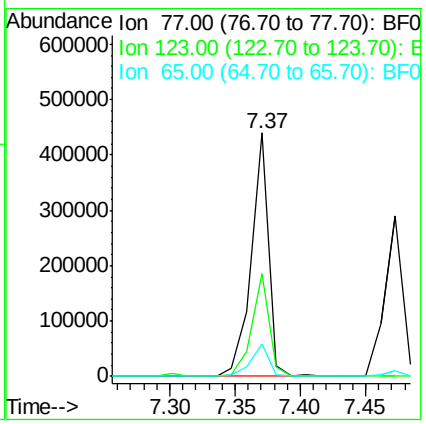




#24
Nitrobenzene
Concen: 43.92 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 77 Resp: 408168

Ion	Ratio	Lower	Upper
77	100		
123	42.2	45.0	67.4#
65	13.6	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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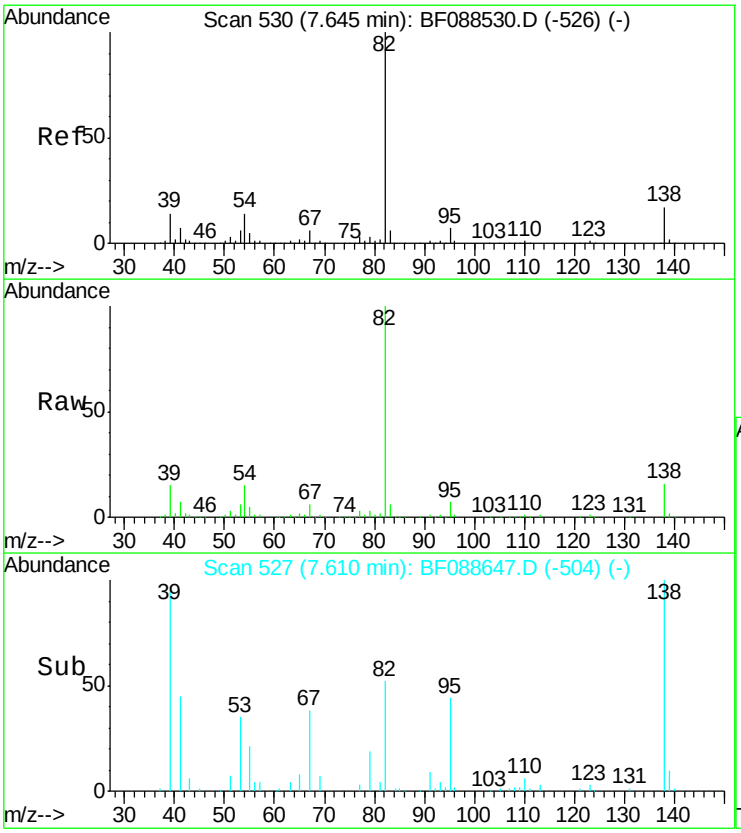
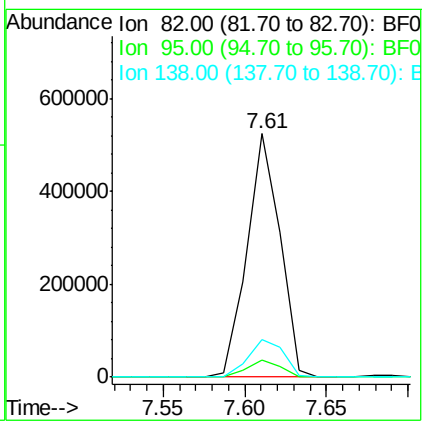
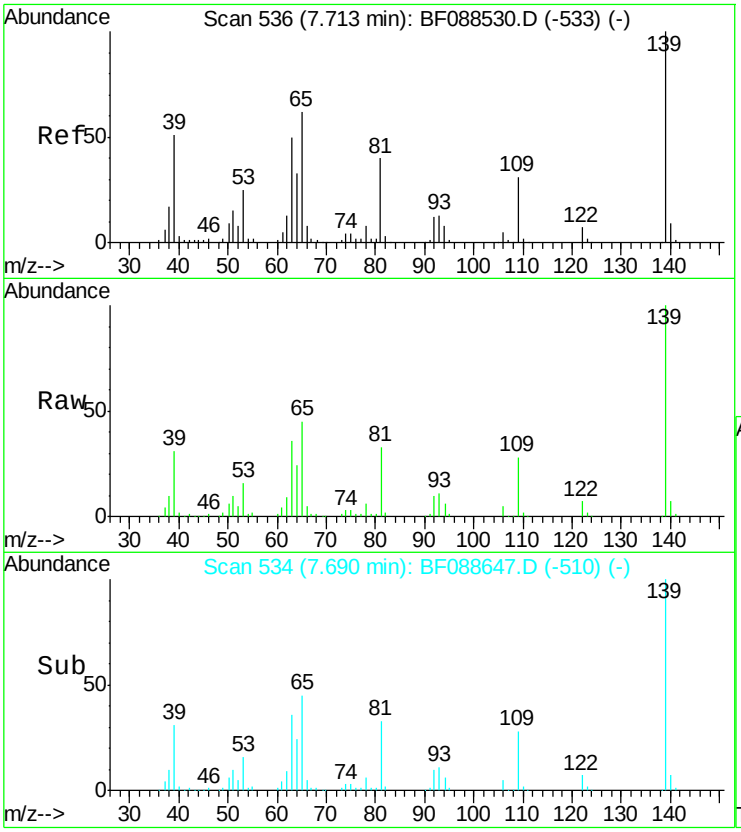


#25
Isophorone
Concen: 42.93 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 82 Resp: 732883

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	15.5	14.6	21.8

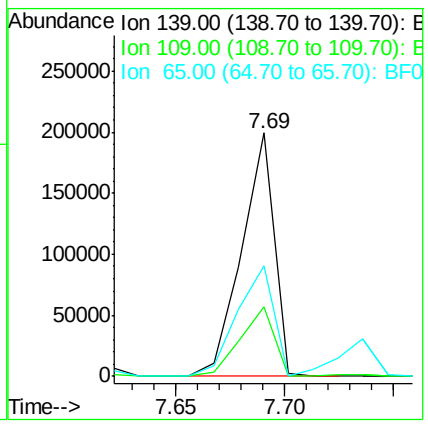




#26
2-Nitrophenol
Concen: 54.23 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:139 Resp: 206644

Ion	Ratio	Lower	Upper
139	100		
109	28.4	23.0	34.4
65	45.4	45.8	68.8#



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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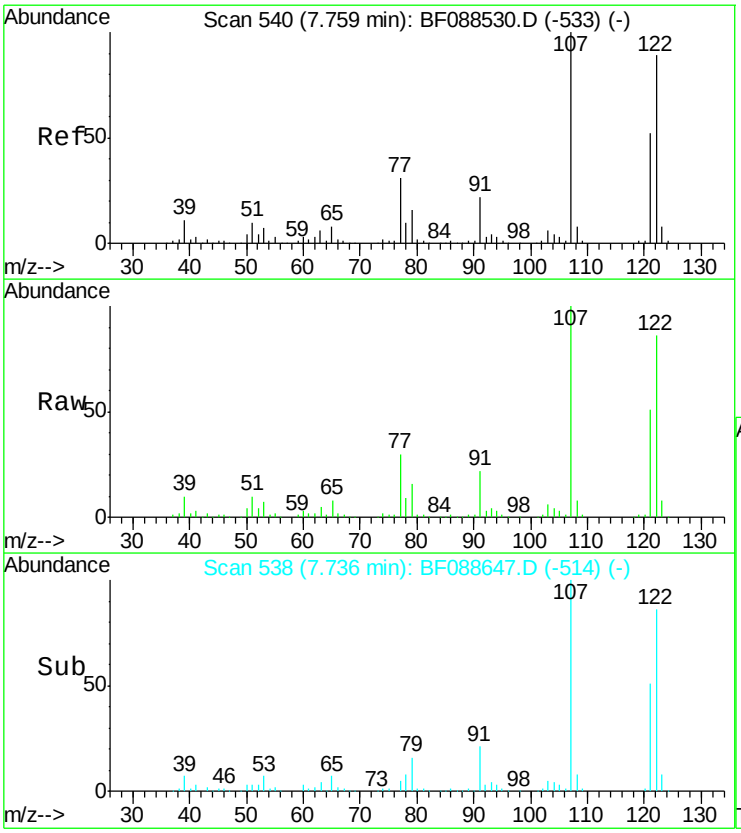
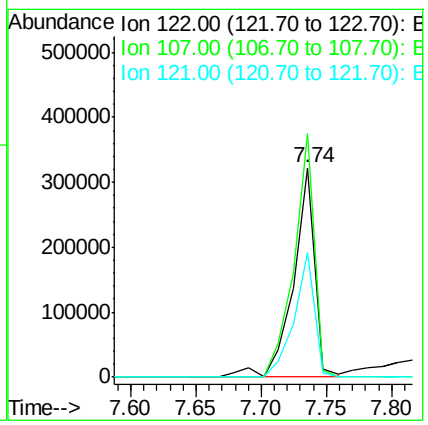
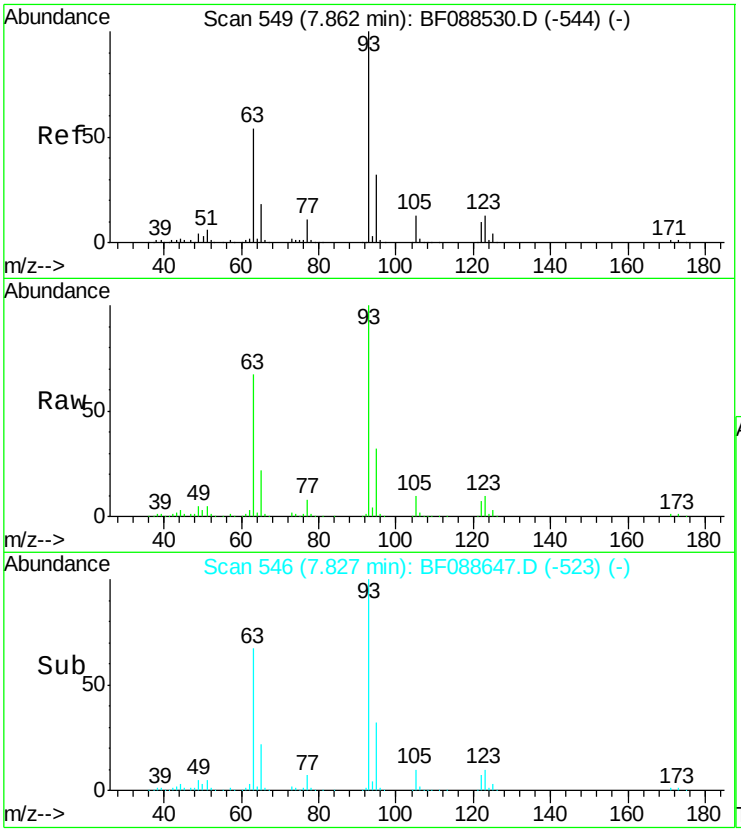


#27
2,4-Dimethylphenol
Concen: 46.66 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:122 Resp: 370316

Ion	Ratio	Lower	Upper
122	100		
107	116.3	82.4	123.6
121	59.7	46.3	69.5

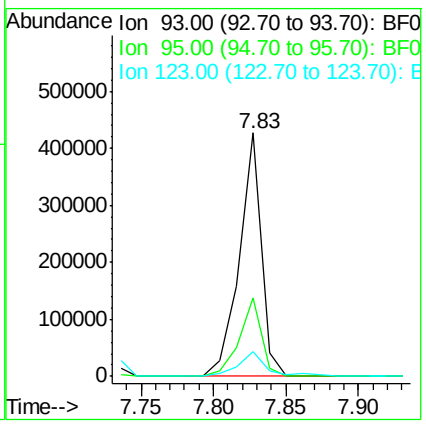




#28
bis(2-Chloroethoxy)methane
Concen: 40.45 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 93 Resp: 449370

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.4	11.6	17.4#



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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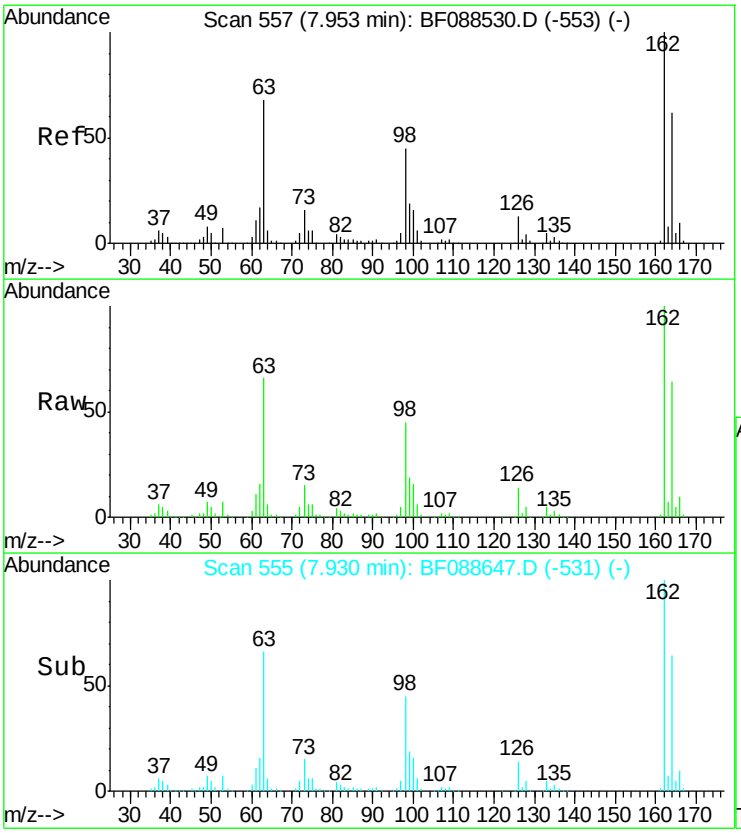
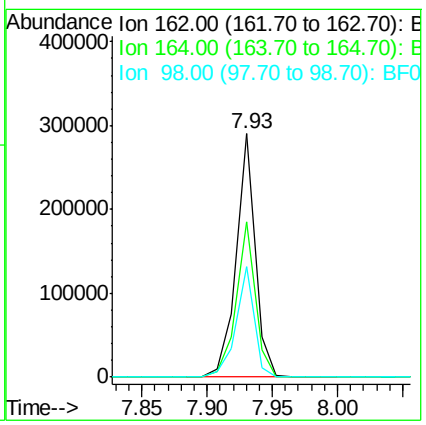
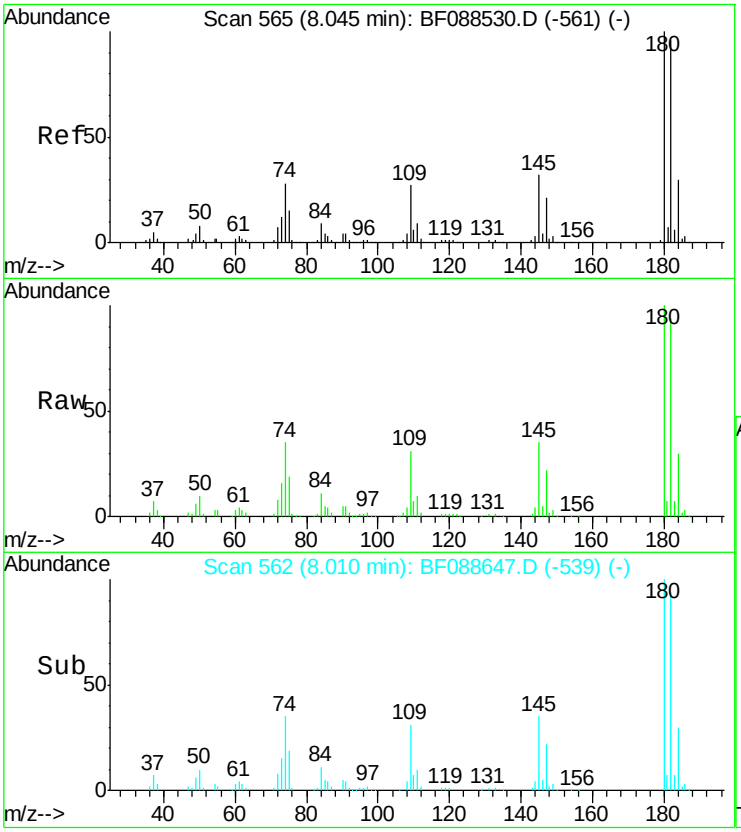


#29
2,4-Dichlorophenol
Concen: 45.54 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:162 Resp: 292151

Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	45.4	21.3	61.3

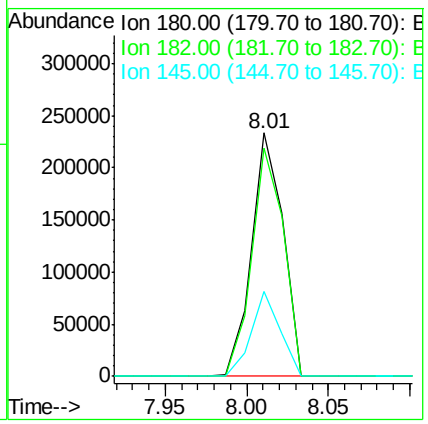




#30
1,2,4-Trichlorobenzene
Concen: 44.31 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:180 Resp: 311948

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.0	114.0
145	34.9	26.5	39.7



Instrument :
BNA_F
ClientSampleId :
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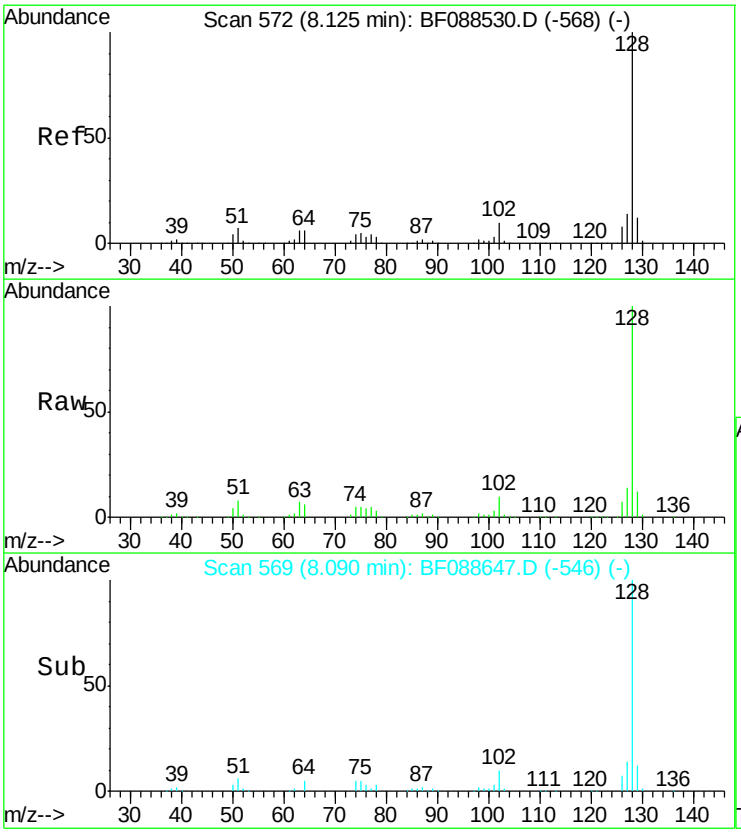
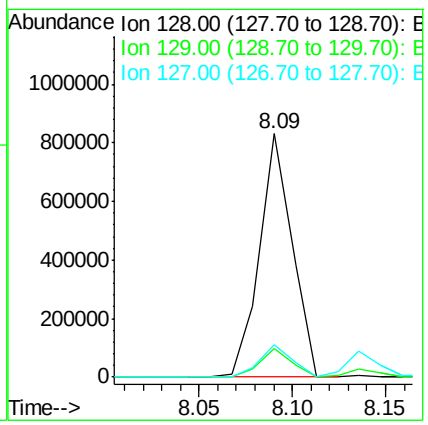
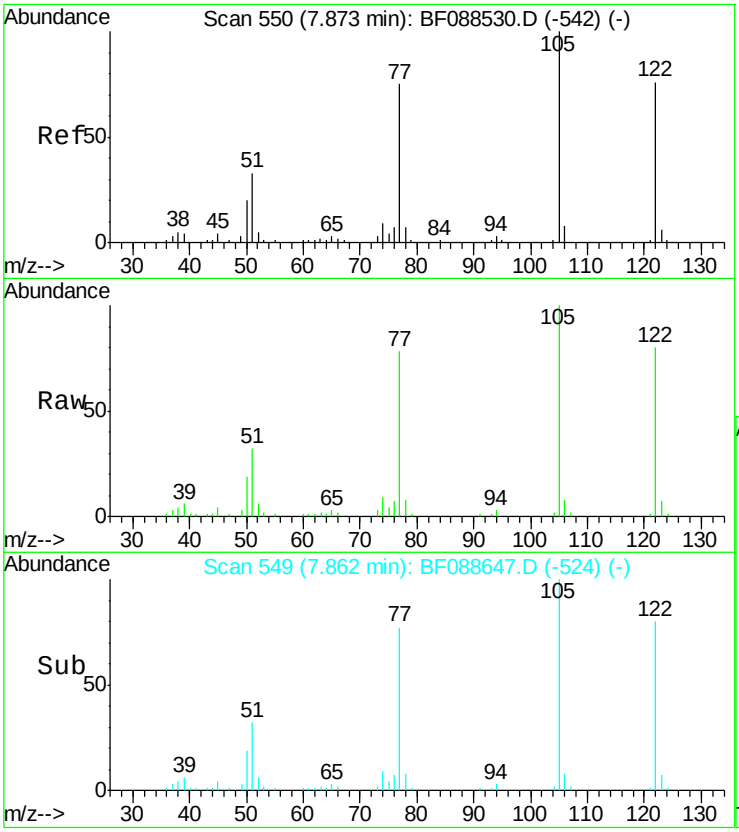


#31
Naphthalene
Concen: 42.24 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:128 Resp: 1005891

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

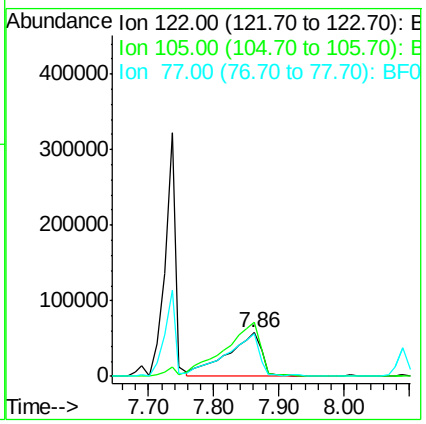




#32
Benzoic acid
Concen: 36.87 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:122 Resp: 212489

Ion	Ratio	Lower	Upper
122	100		
105	125.6	101.6	141.6
77	98.0	70.6	110.6



Instrument :
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ClientSampleId :
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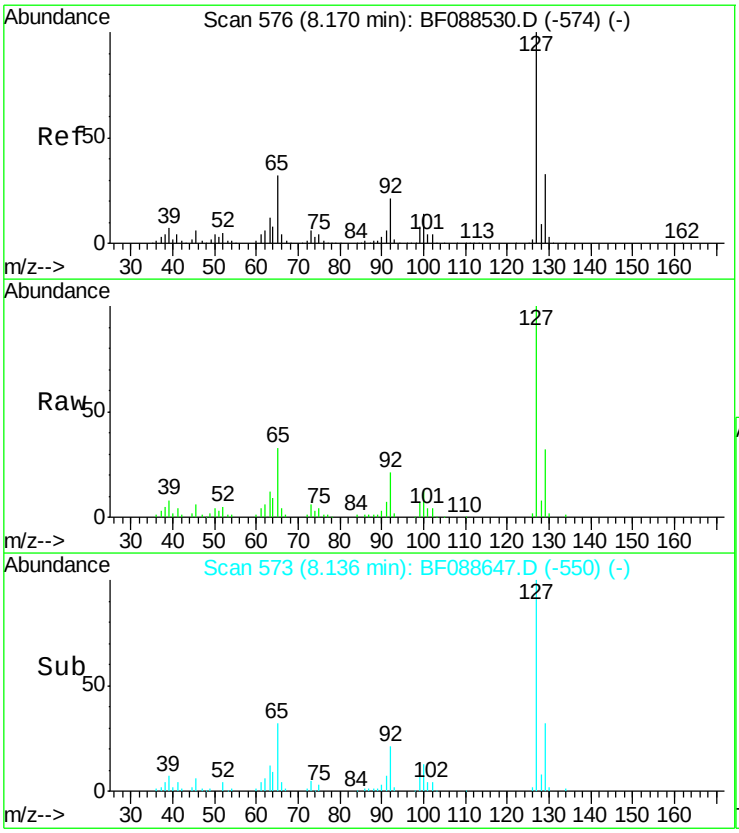
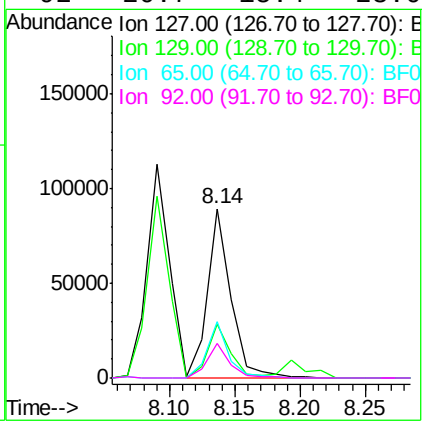
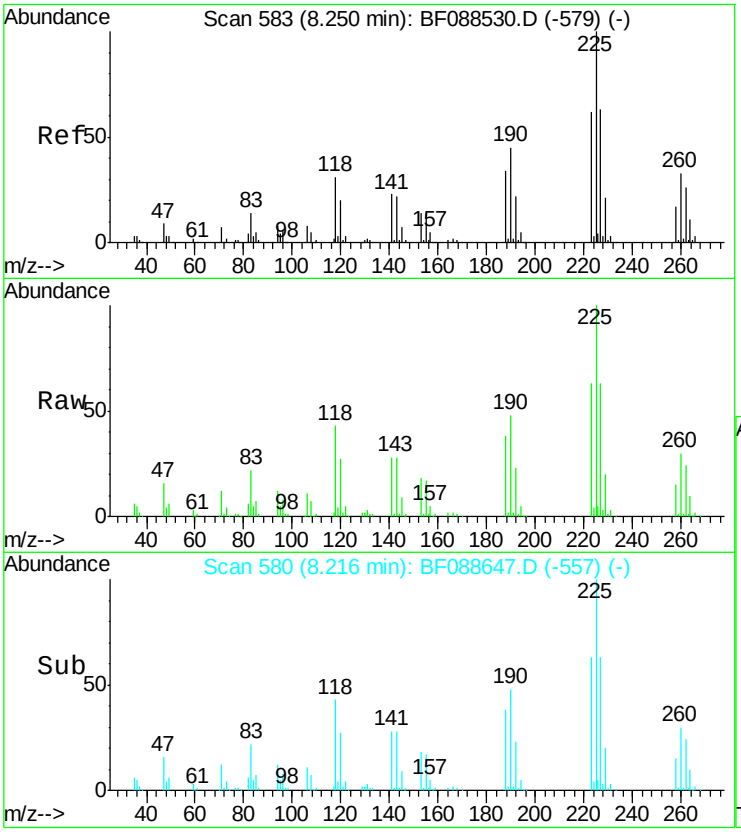


#33
4-Chloroaniline
Concen: 10.63 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:127 Resp: 112568

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	33.0	24.7	37.1
92	20.7	15.4	23.0

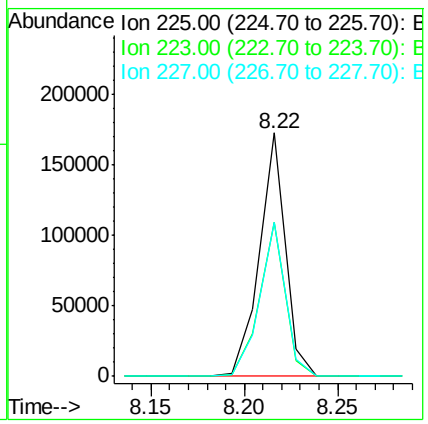




#34
Hexachlorobutadiene
Concen: 43.80 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:225 Resp: 165103

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.1	51.9	77.9



Instrument :
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ClientSampleId :
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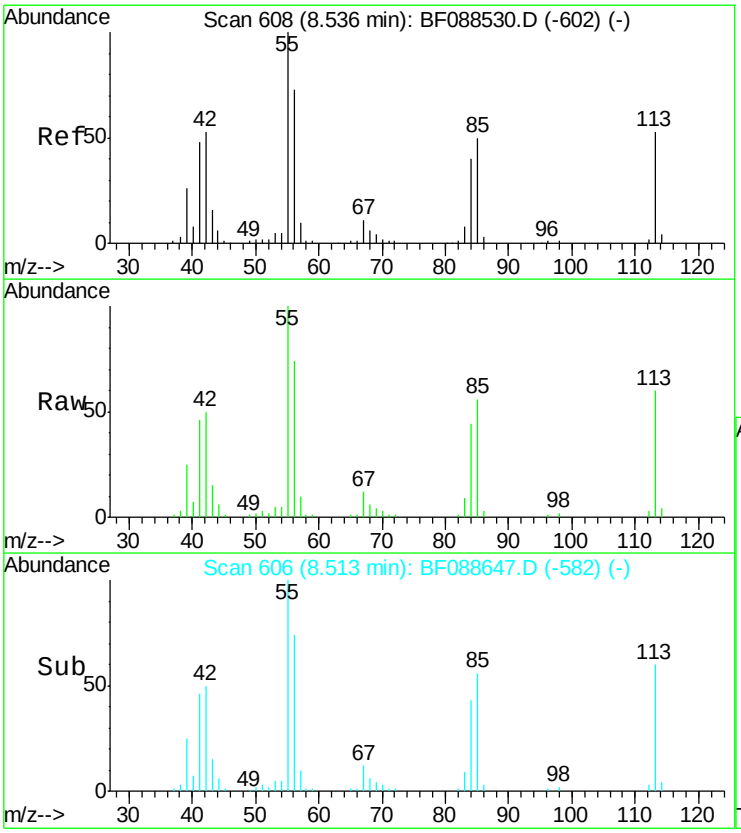
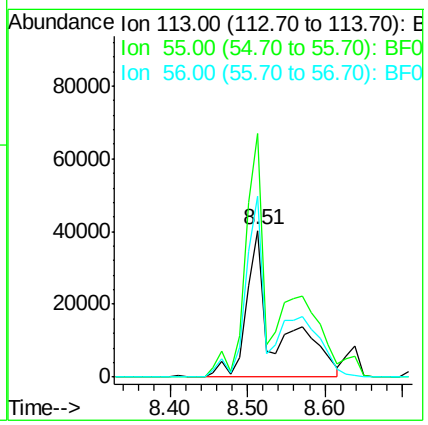
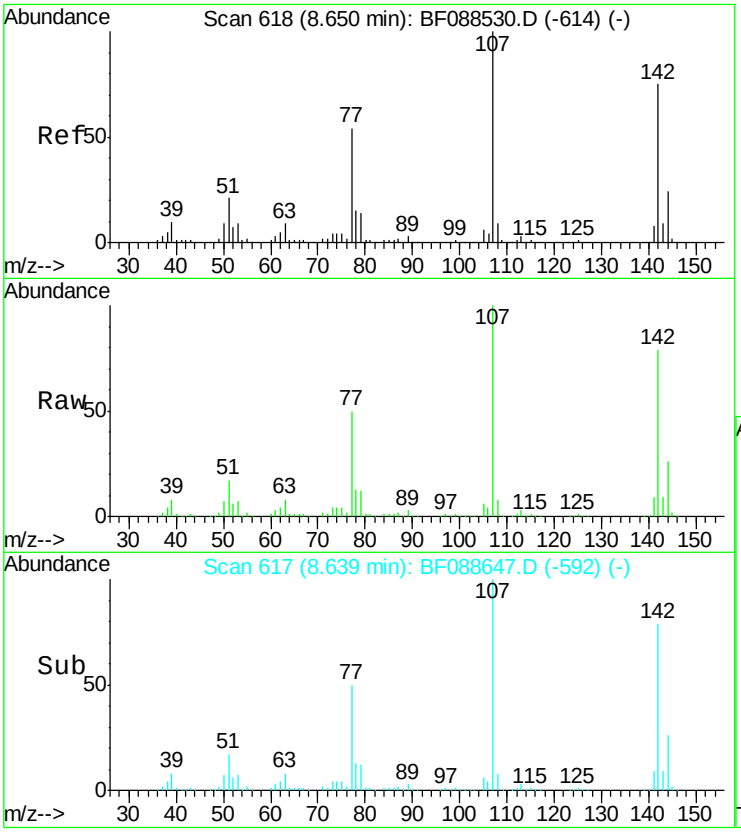


#35
Caprolactam
Concen: 49.31 ng m
RT: 8.51 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:113 Resp: 107415

Ion	Ratio	Lower	Upper
113	100		
55	165.8	158.6	198.6
56	123.3	110.6	150.6

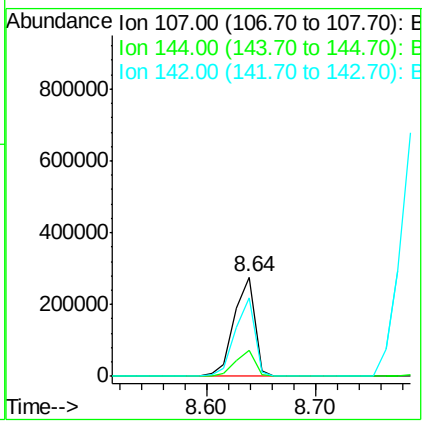




#36
4-Chloro-3-methylphenol
Concen: 47.81 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:107 Resp: 362623

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.8	31.2
142	78.9	63.4	95.2



Instrument :
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ClientSampleId :
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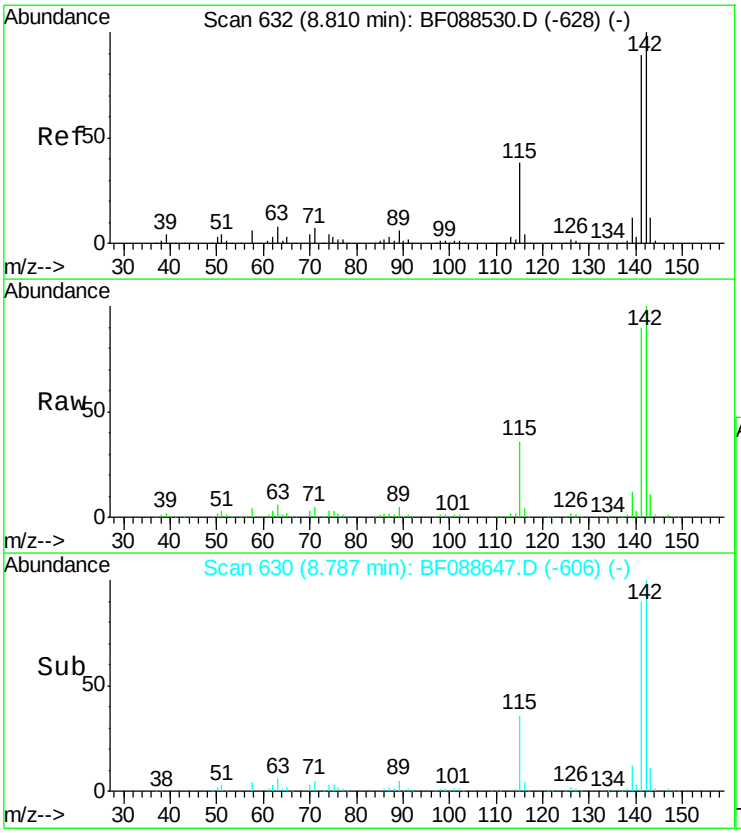
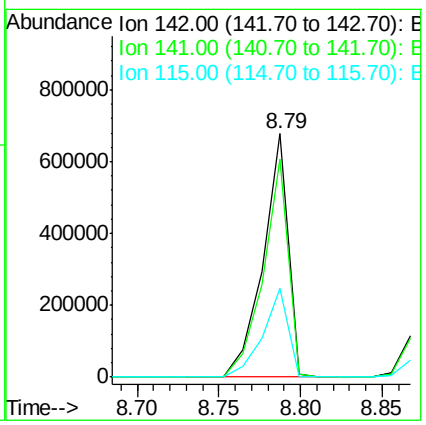
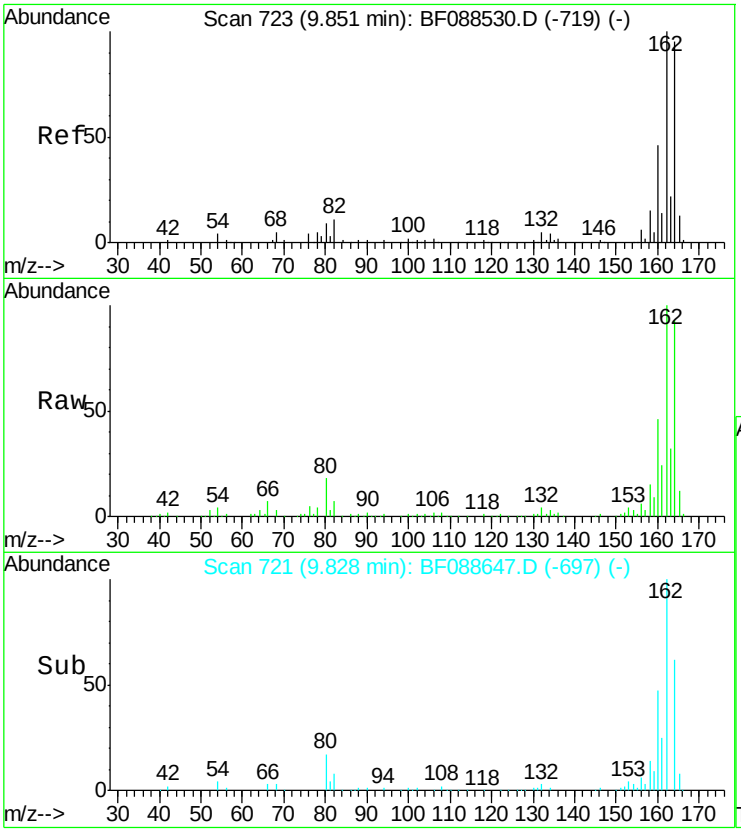


#37
2-Methylnaphthalene
Concen: 47.14 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:142 Resp: 722738

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	36.4	22.6	33.8#

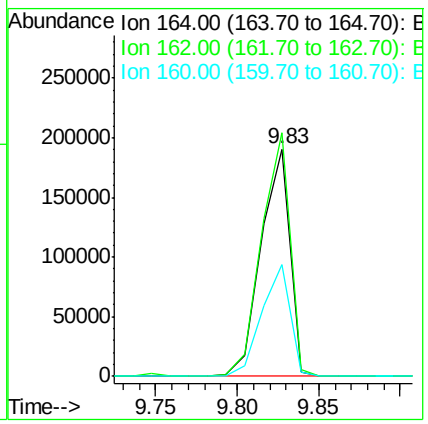




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:164 Resp: 234188

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.4	128.2
160	48.9	39.5	59.3



Instrument :
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ClientSampleId :
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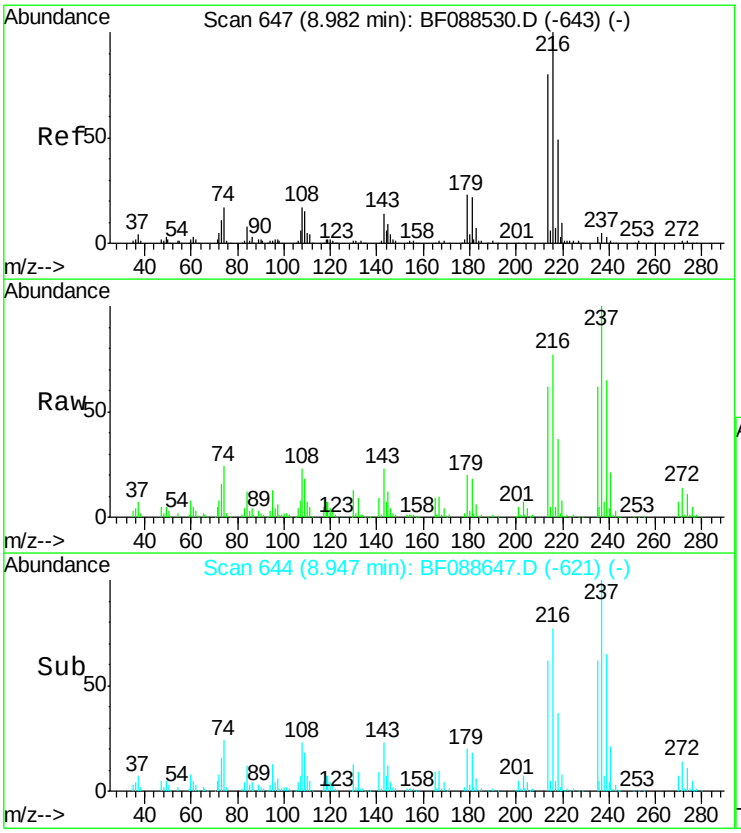
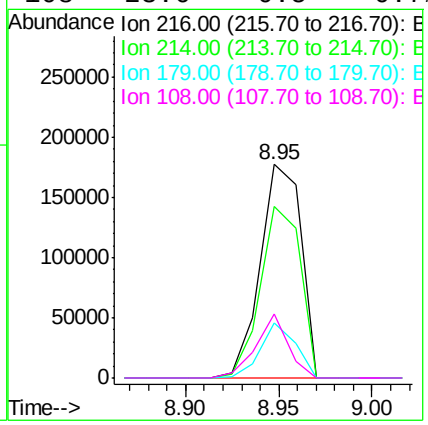
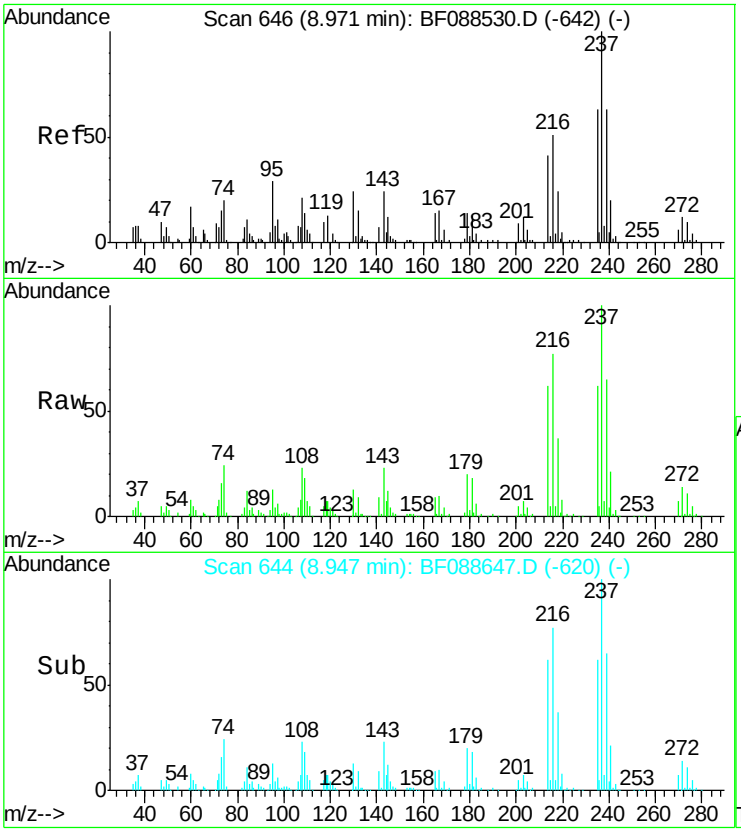


#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.53 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:216 Resp: 268995

Ion	Ratio	Lower	Upper
216	100		
214	78.7	2.9	4.3#
179	22.2	0.0	0.0#
108	23.6	0.5	0.7#

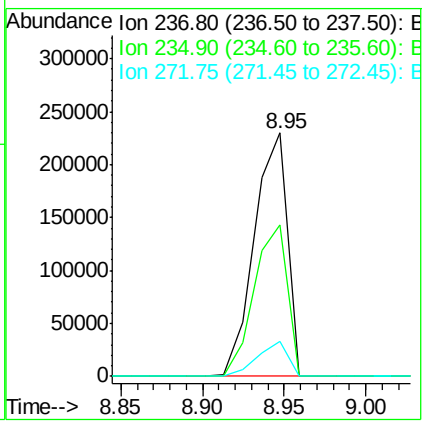




#40
Hexachlorocyclopentadiene
Concen: 84.52 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:237 Resp: 323126

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.4	83.4
272	14.2	0.0	32.3



Instrument :
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ClientSampleId :
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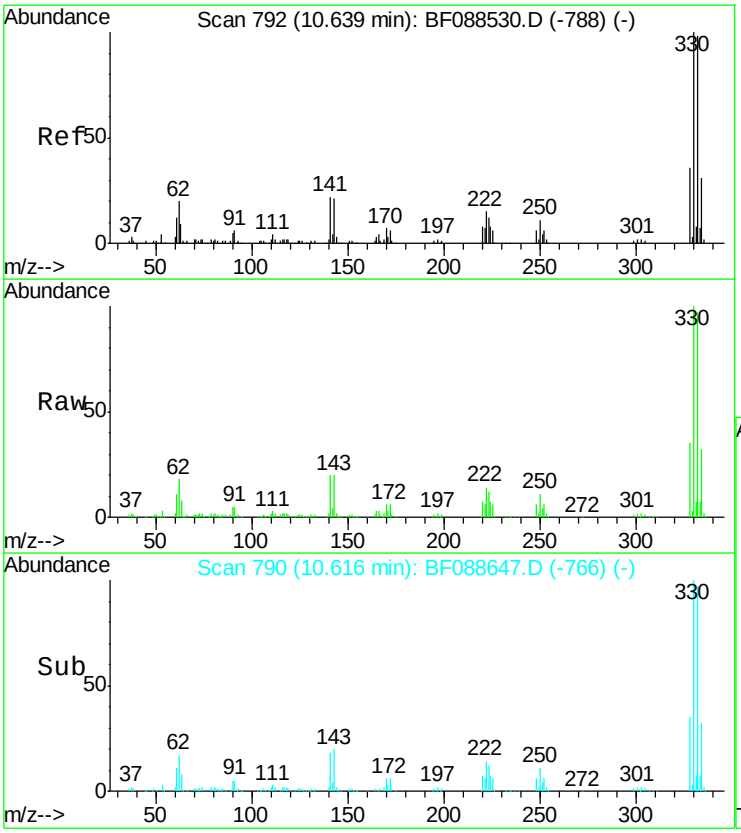
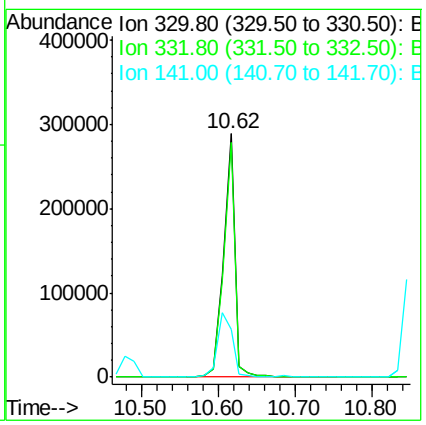
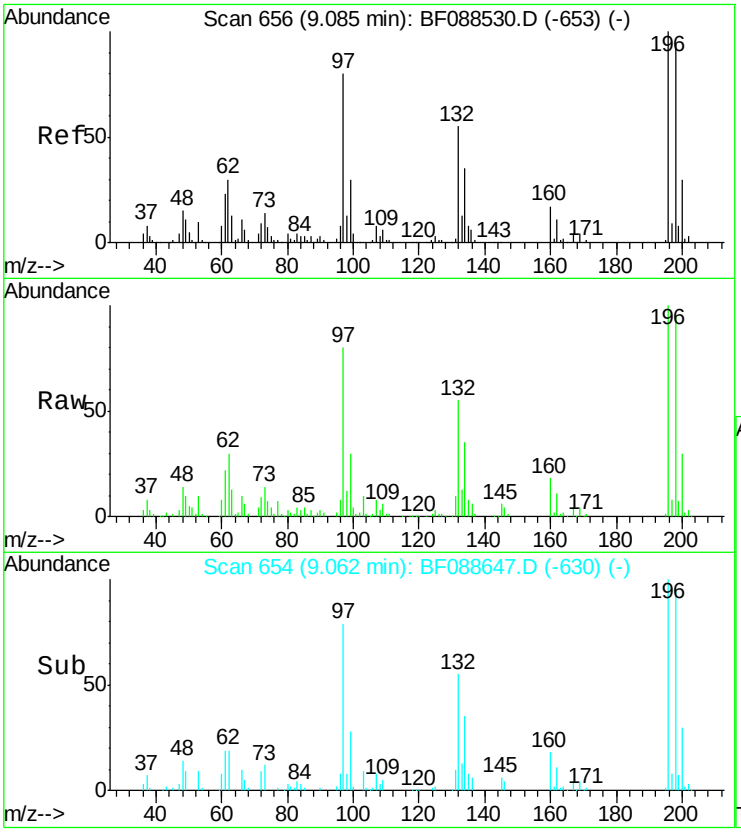


#41
2,4,6-Tribromophenol
Concen: 140.93 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:330 Resp: 306481

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	34.2	0.0	0.0#

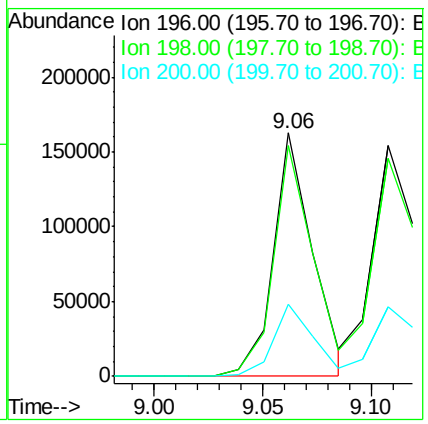




#42
2,4,6-Trichlorophenol
Concen: 39.94 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:196 Resp: 205130

Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.0	117.0
200	29.7	25.4	38.2



Instrument :
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ClientSampleId :
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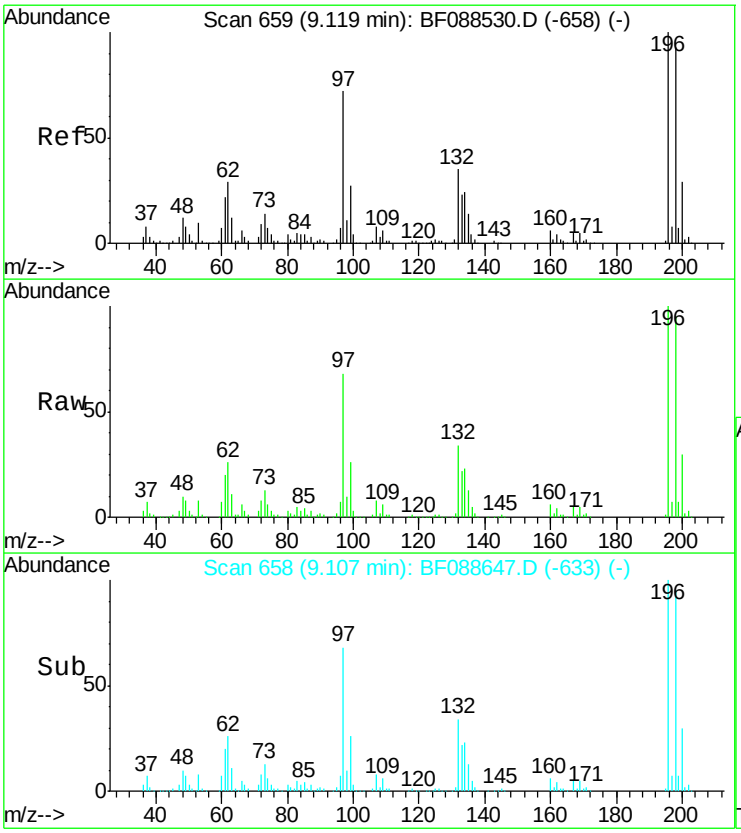
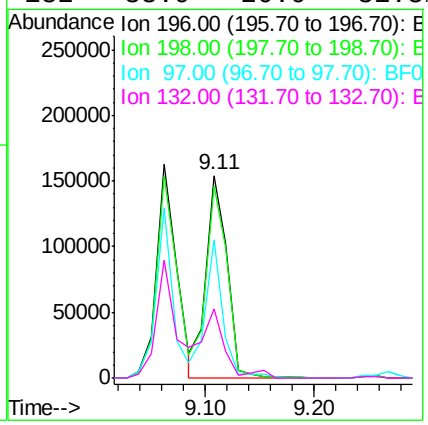
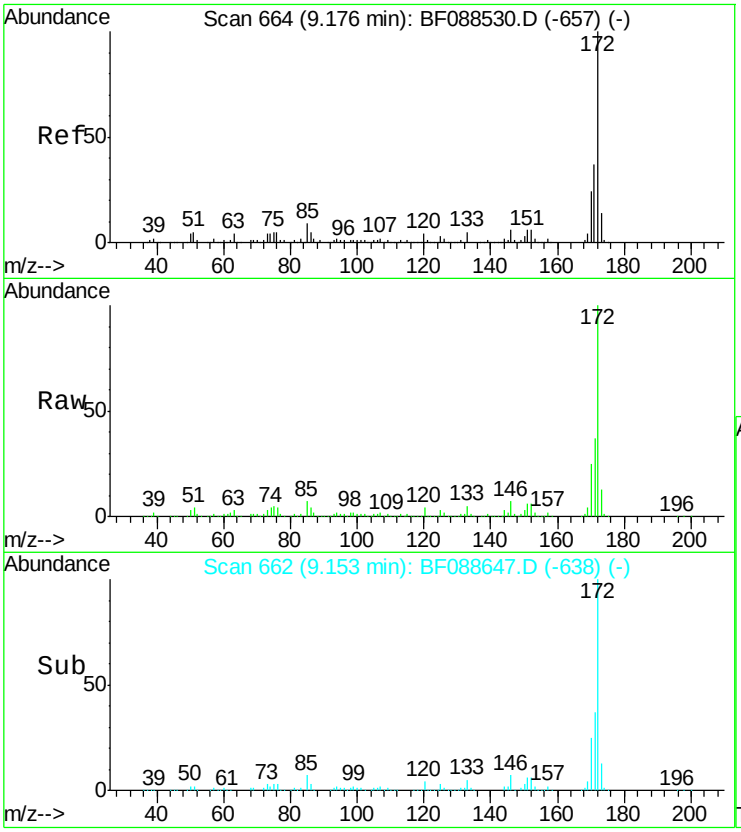


#43
2,4,5-Trichlorophenol
Concen: 47.29 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:196 Resp: 208966

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.5	116.3
97	68.0	32.0	48.0#
132	33.9	20.9	31.3#

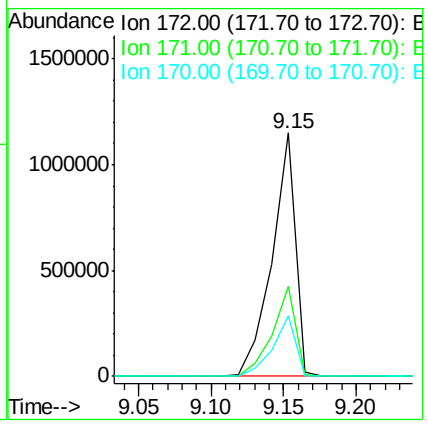




#44
2-Fluorobiphenyl
Concen: 87.12 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:172 Resp: 1291697

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	43.0
170	24.8	19.2	28.8



Instrument :
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ClientSampleId :
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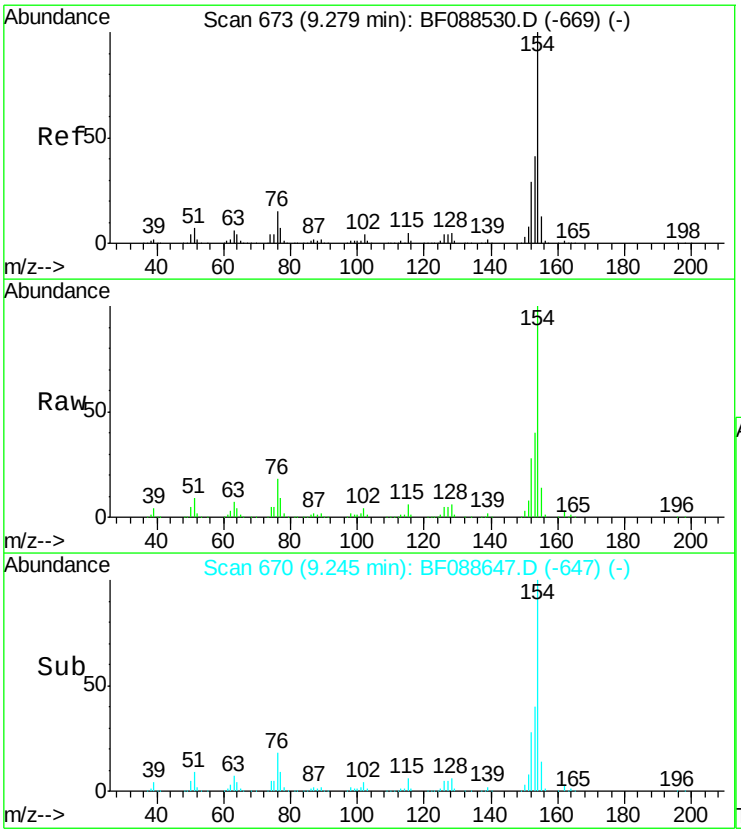
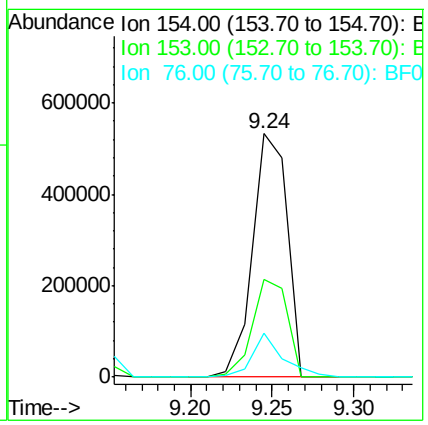
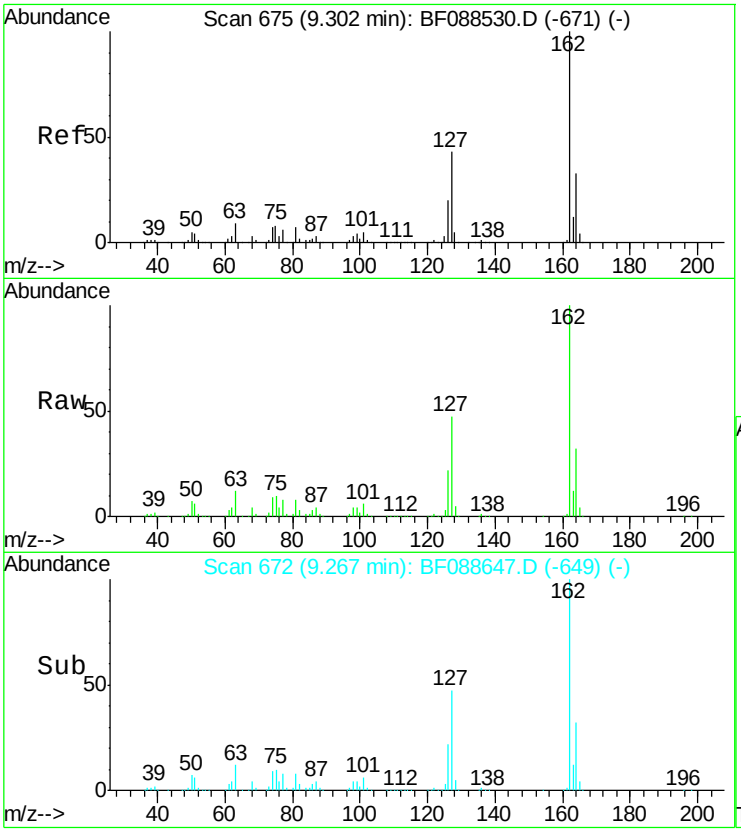


#45
1,1'-Biphenyl
Concen: 40.42 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:154 Resp: 783888

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	18.0	0.0	35.1

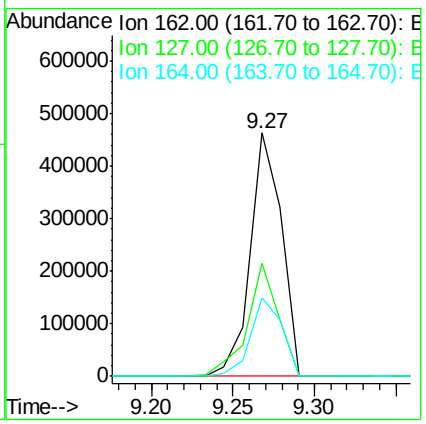




#46
2-Chloronaphthalene
Concen: 40.36 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:162 Resp: 614415

Ion	Ratio	Lower	Upper
162	100		
127	46.6	35.2	52.8
164	32.3	26.6	39.8



Instrument :
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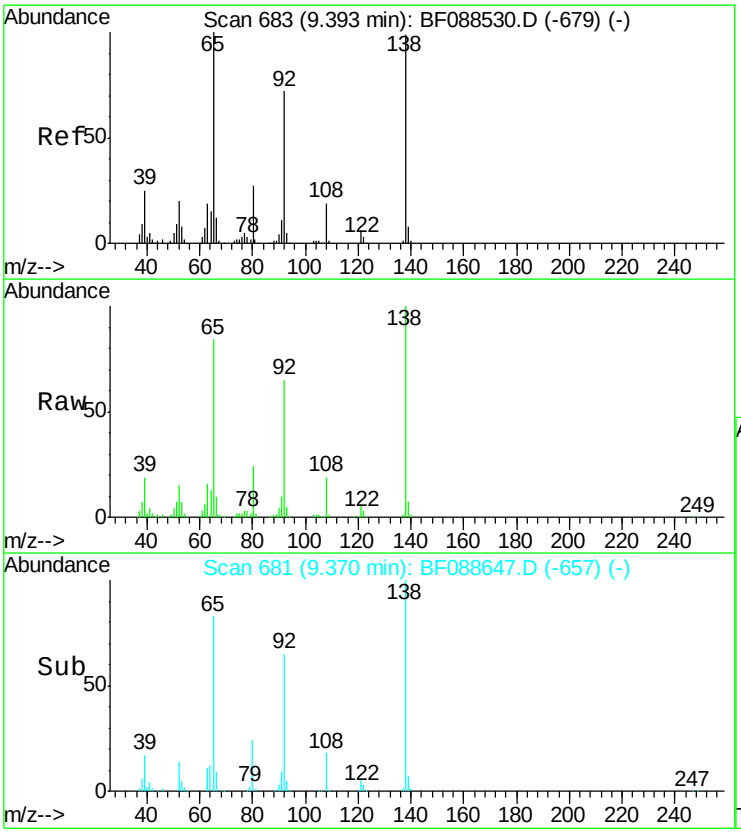
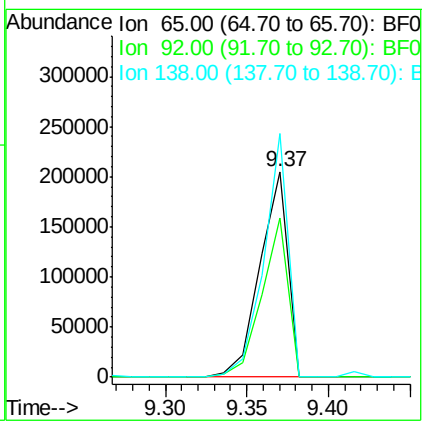
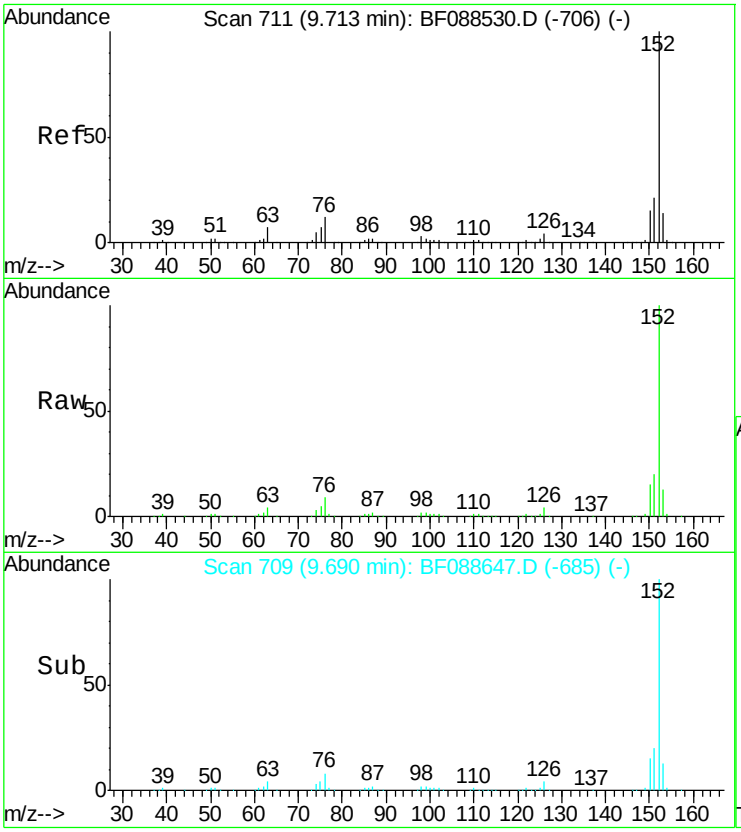


#47
2-Nitroaniline
Concen: 44.99 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 65 Resp: 243063

Ion	Ratio	Lower	Upper
65	100		
92	77.4	54.6	82.0
138	118.4	77.0	115.4#

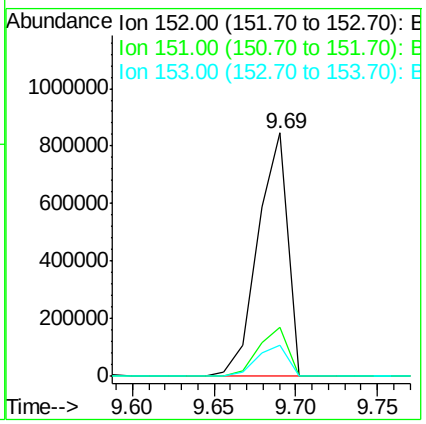




#48
Acenaphthylene
Concen: 44.13 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:152 Resp: 1069077

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.8	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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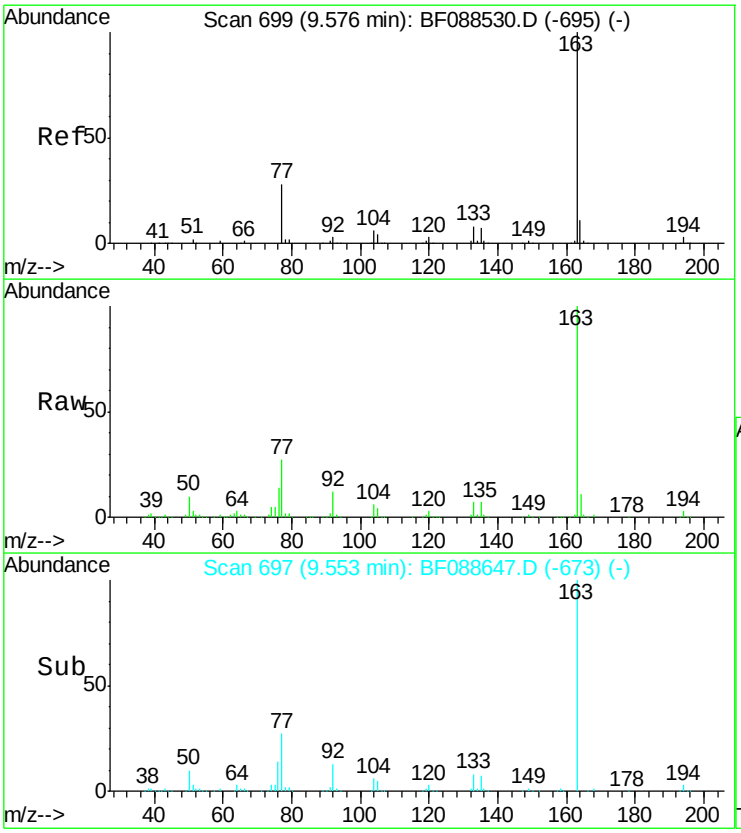
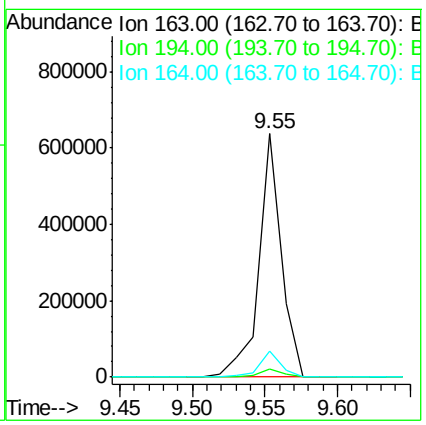
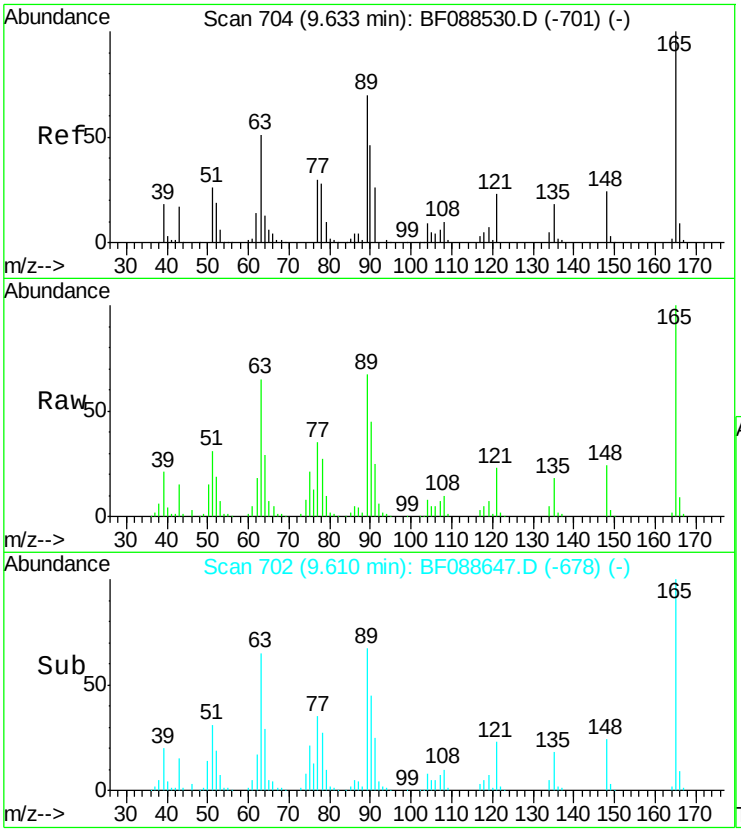


#49
Dimethylphthalate
Concen: 40.86 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:163 Resp: 681798

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.5	8.3	12.5

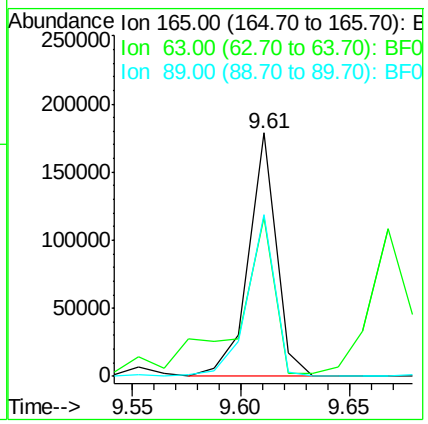




#50
2,6-Dinitrotoluene
Concen: 43.08 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:165 Resp: 159303

Ion	Ratio	Lower	Upper
165	100		
63	65.4	28.1	42.1#
89	66.5	32.2	48.2#



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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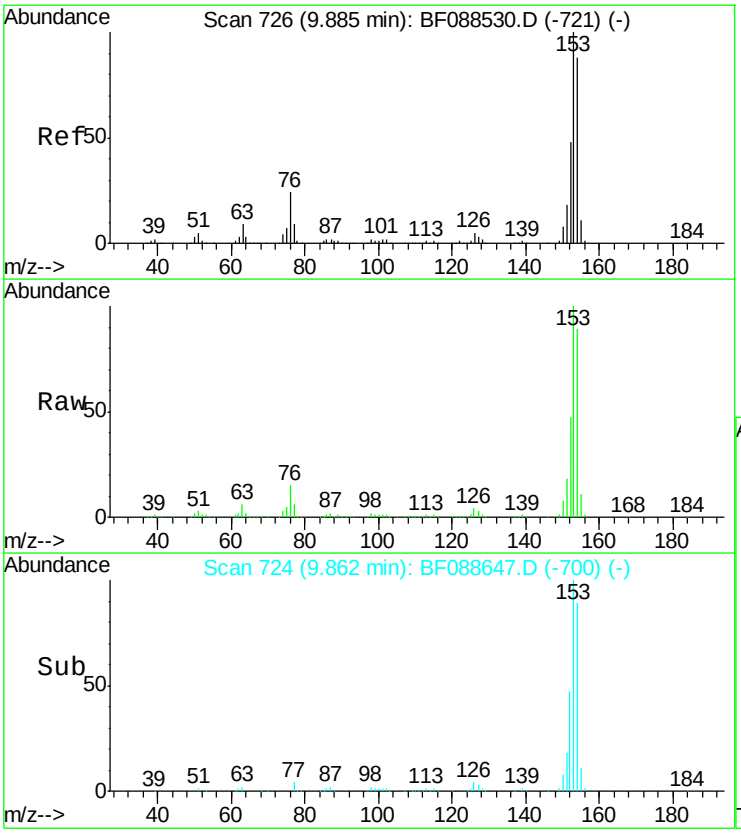
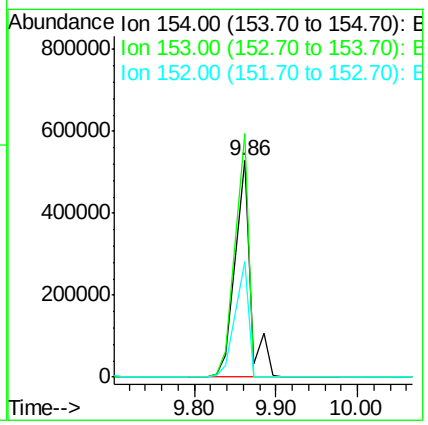
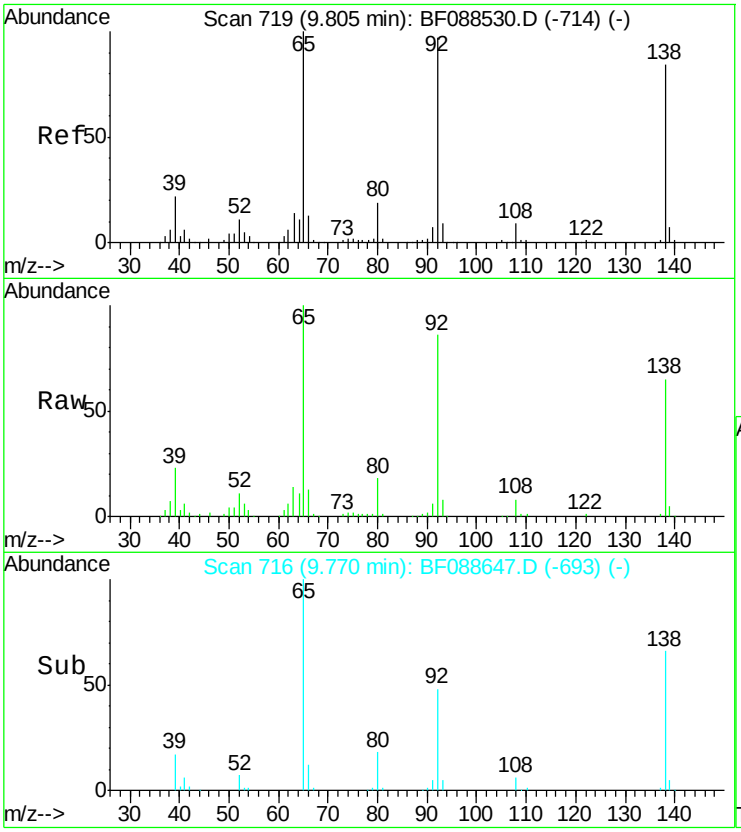


#51
Acenaphthene
Concen: 48.06 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:154 Resp: 713567

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.3	42.7	64.1

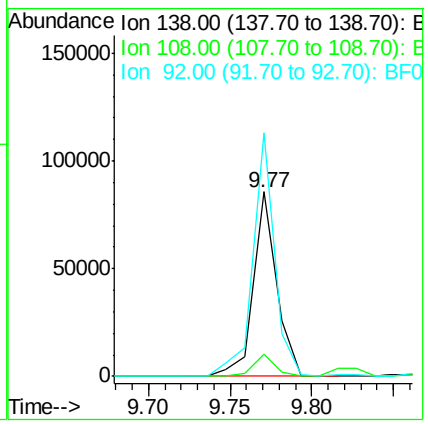




#52
3-Nitroaniline
Concen: 18.03 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:138 Resp: 84759

Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	132.2	95.7	143.5



Instrument :
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ClientSampleId :
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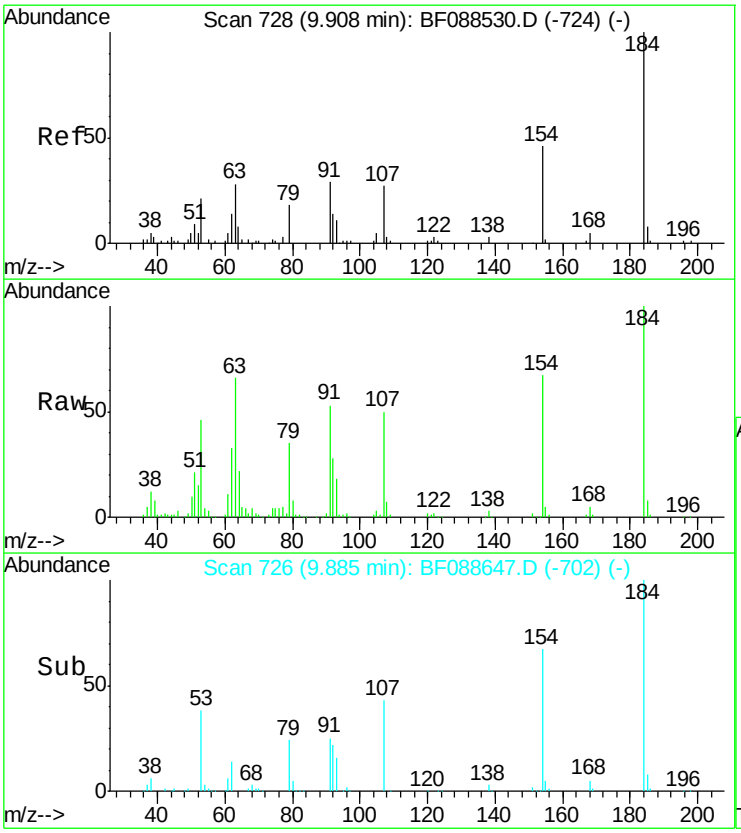
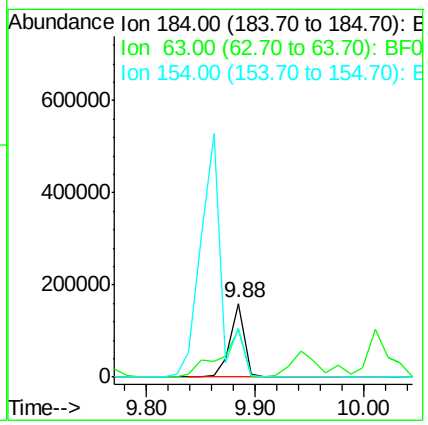
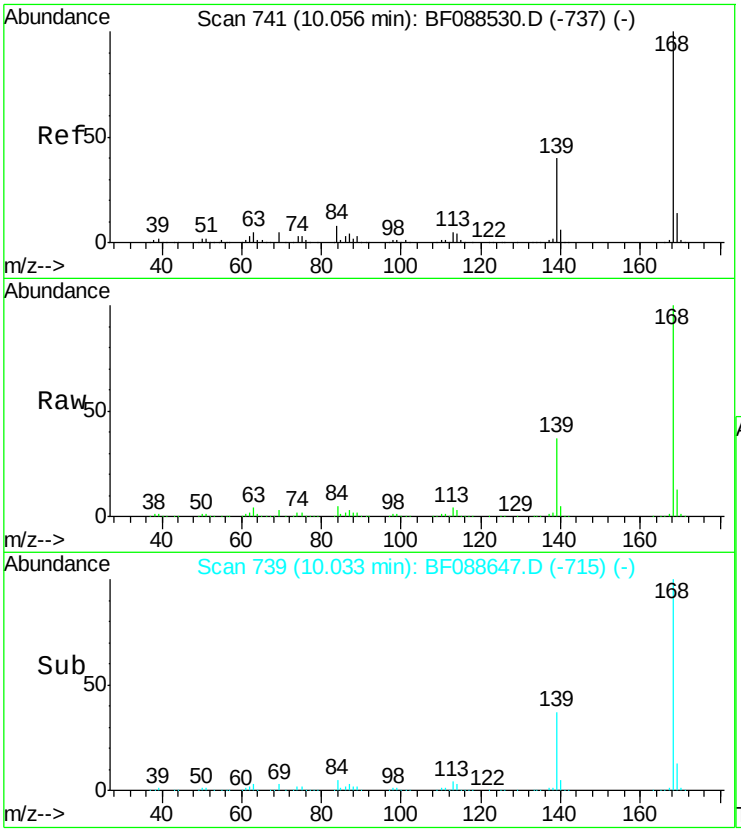


#53
2,4-Dinitrophenol
Concen: 89.35 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:184 Resp: 145880

Ion	Ratio	Lower	Upper
184	100		
63	65.6	57.6	86.4
154	67.2	53.5	80.3

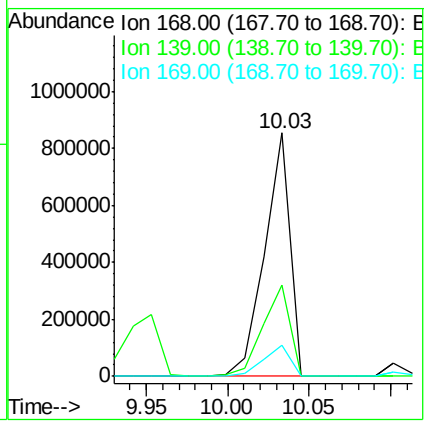




#54
Dibenzofuran
Concen: 47.73 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:168 Resp: 927607

Ion	Ratio	Lower	Upper
168	100		
139	37.3	26.4	39.6
169	13.0	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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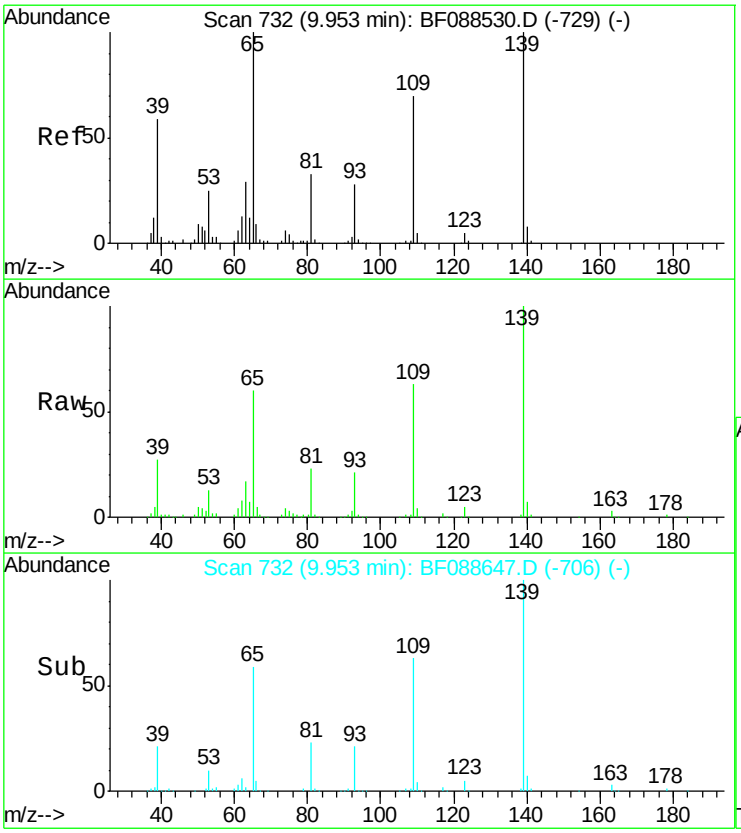
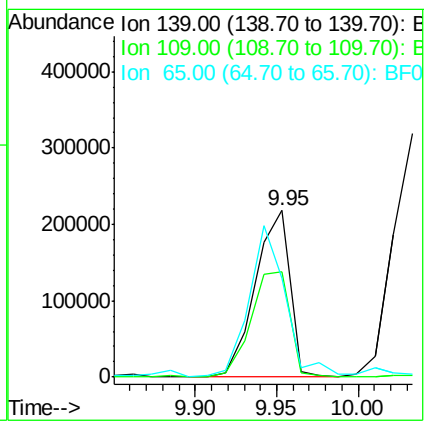
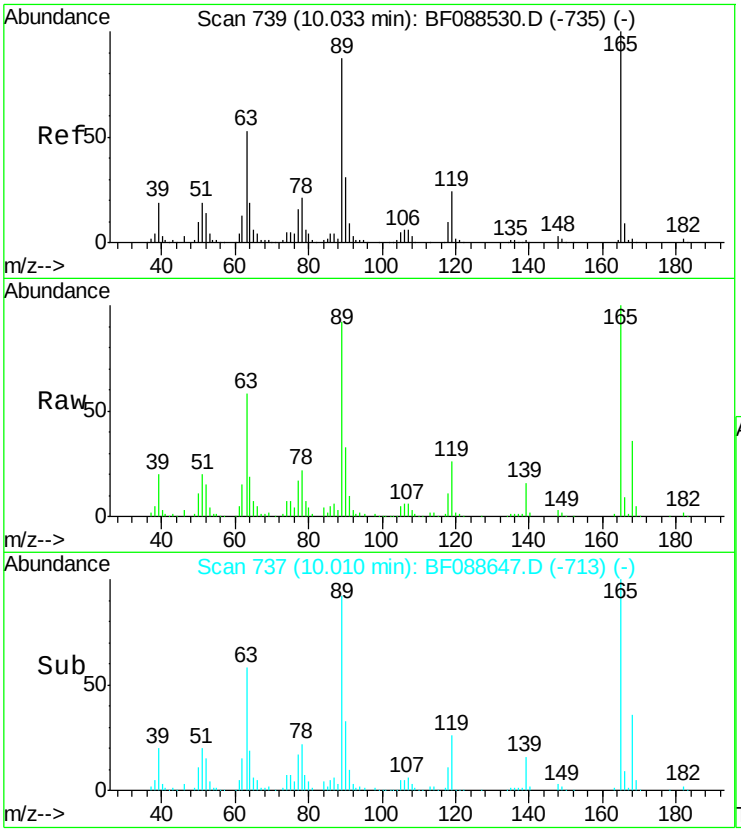


#55
4-Nitrophenol
Concen: 90.74 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:139 Resp: 324129

Ion	Ratio	Lower	Upper
139	100		
109	63.3	48.9	88.9
65	59.8	84.9	124.9#

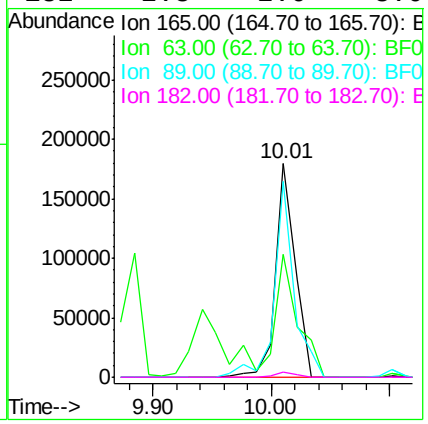




#56
2,4-Dinitrotoluene
Concen: 42.14 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:165 Resp: 203726

Ion	Ratio	Lower	Upper
165	100		
63	57.6	22.0	33.0#
89	91.6	41.1	61.7#
182	2.3	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
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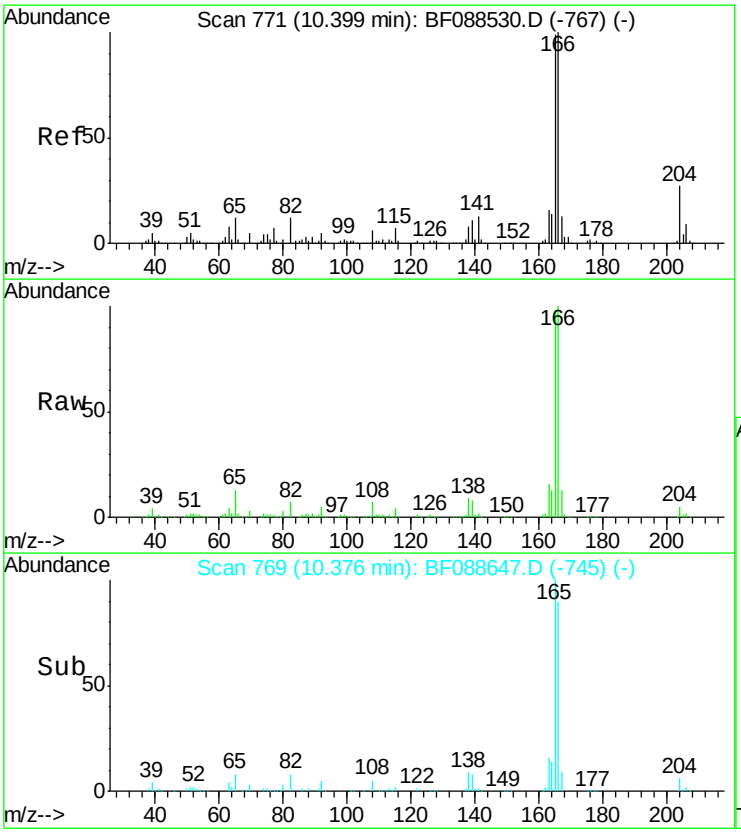
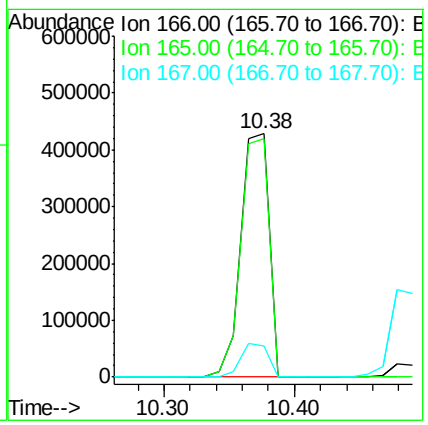
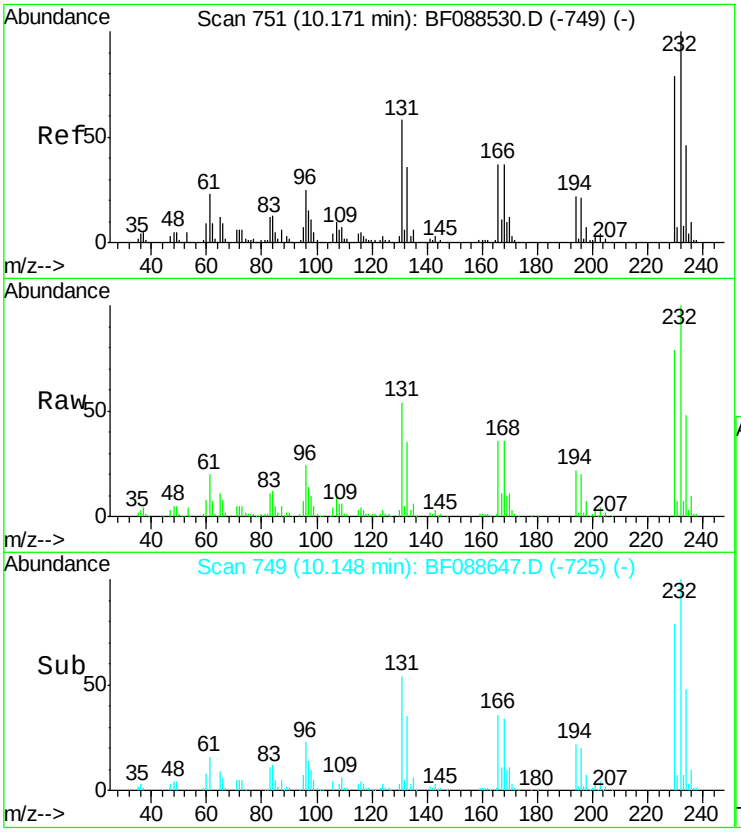


#57
Fluorene
Concen: 42.74 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:166 Resp: 640102

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.8
167	12.8	11.2	16.8

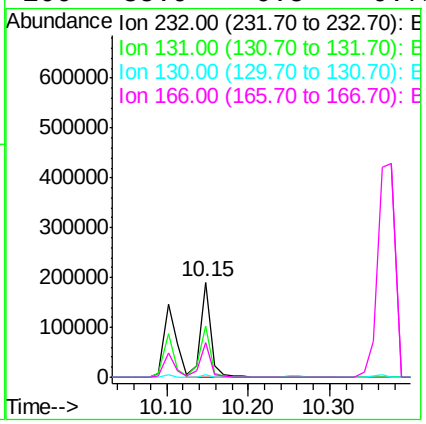




#58
2,3,4,6-Tetrachlorophenol
Concen: 50.41 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:232 Resp: 172331

Ion	Ratio	Lower	Upper
232	100		
131	56.0	0.9	1.3#
130	2.7	1.5	2.3#
166	35.9	0.5	0.7#



Instrument :
BNA_F
ClientSampleId :
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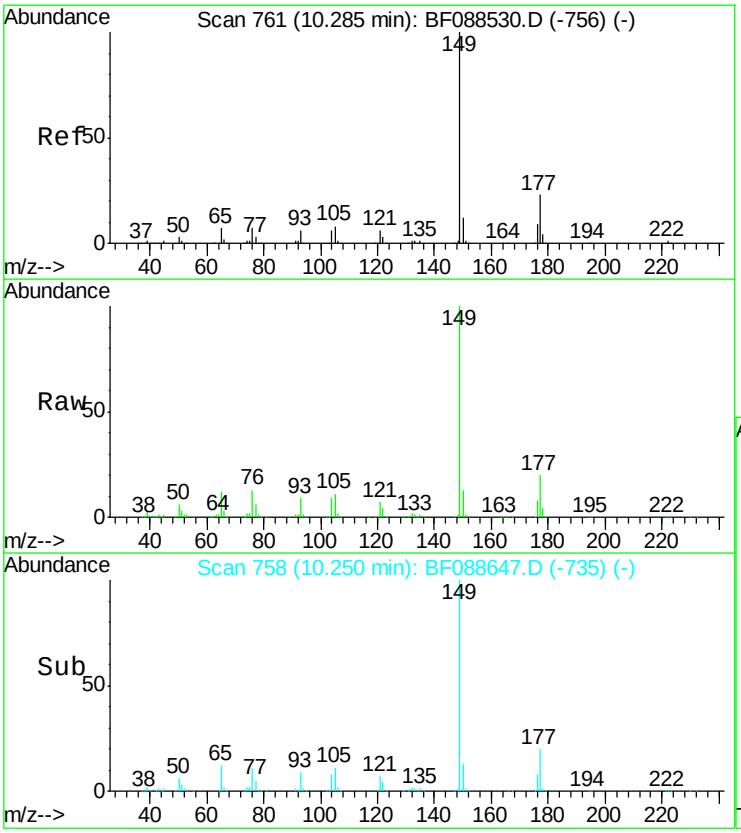
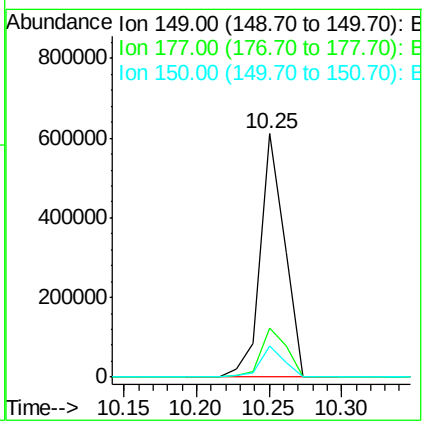
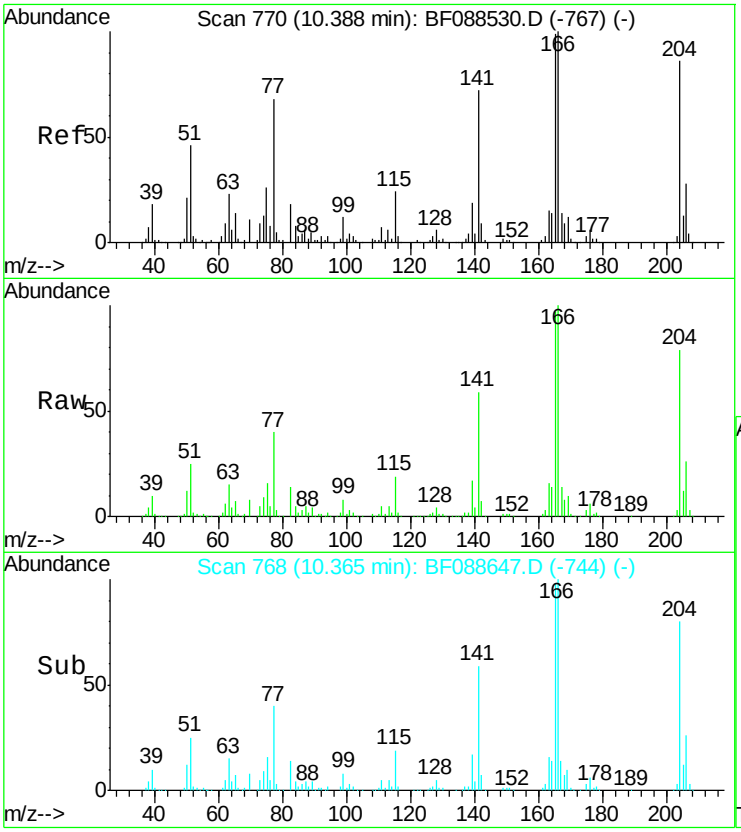


#59
Diethylphthalate
Concen: 42.24 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:149 Resp: 707300

Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.9	25.3
150	12.9	10.1	15.1

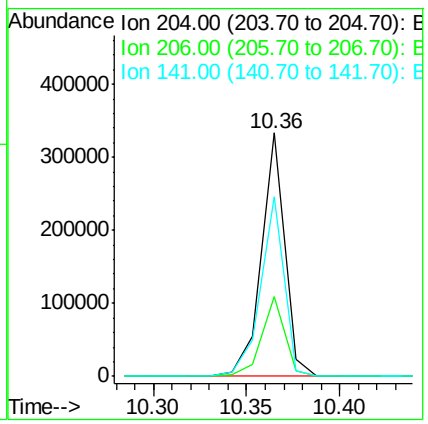




#60
4-Chlorophenyl-phenylether
Concen: 41.05 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:204 Resp: 285686

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	73.9	55.0	82.6



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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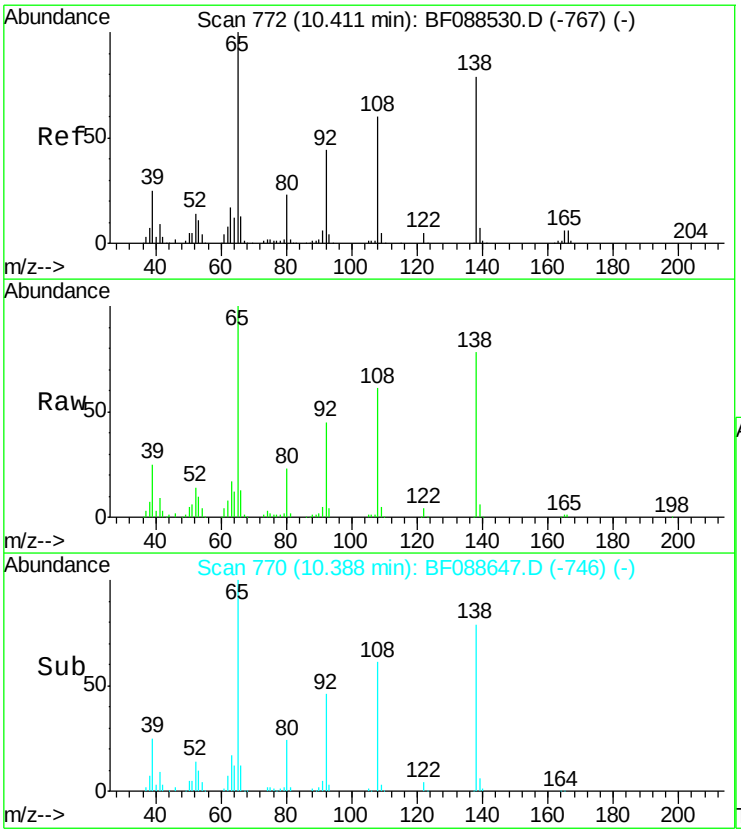
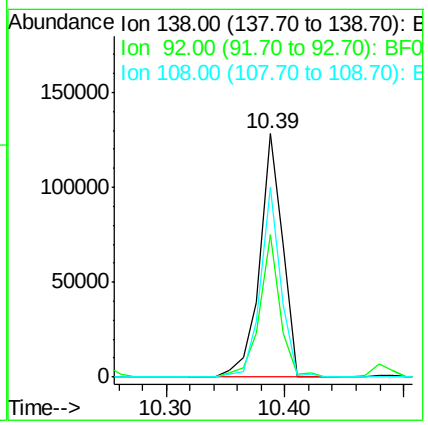
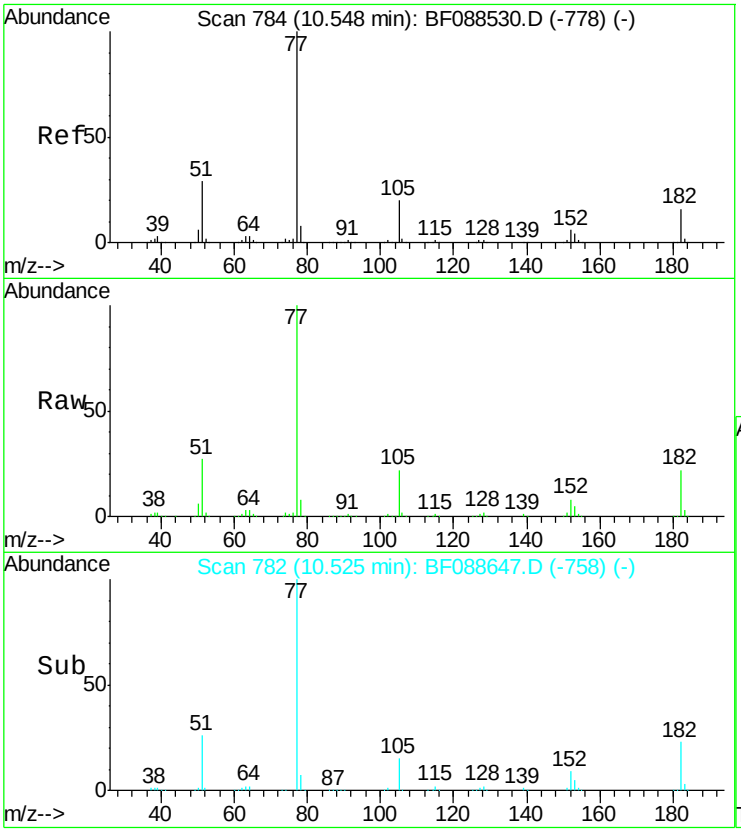


#61
4-Nitroaniline
Concen: 38.23 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:138 Resp: 172937

Ion	Ratio	Lower	Upper
138	100		
92	58.3	27.3	67.3
108	78.1	46.7	86.7

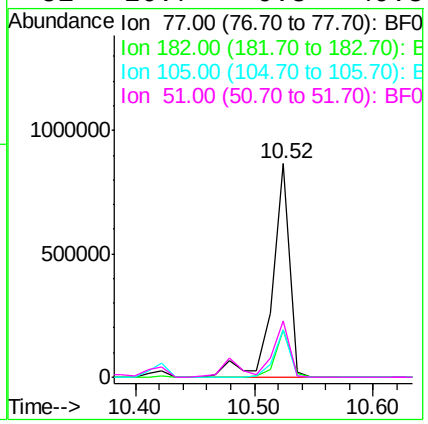




#62
Azobenzene
Concen: 46.07 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion: 77 Resp: 879888

Ion	Ratio	Lower	Upper
77	100		
182	22.4	4.4	44.4
105	22.4	3.8	43.8
51	26.7	9.3	49.3



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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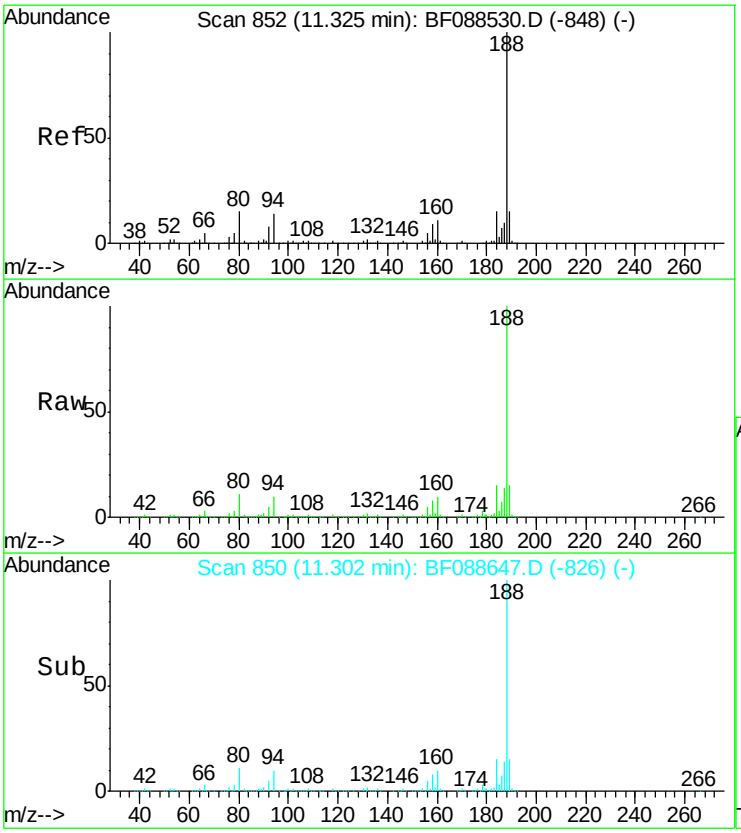
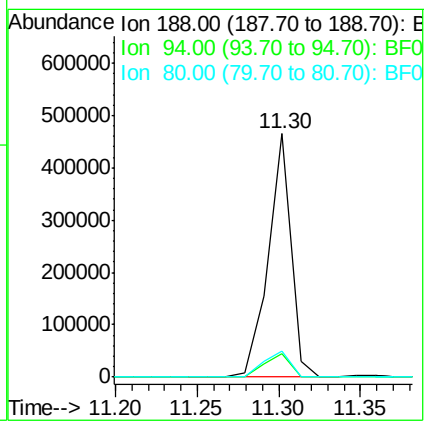
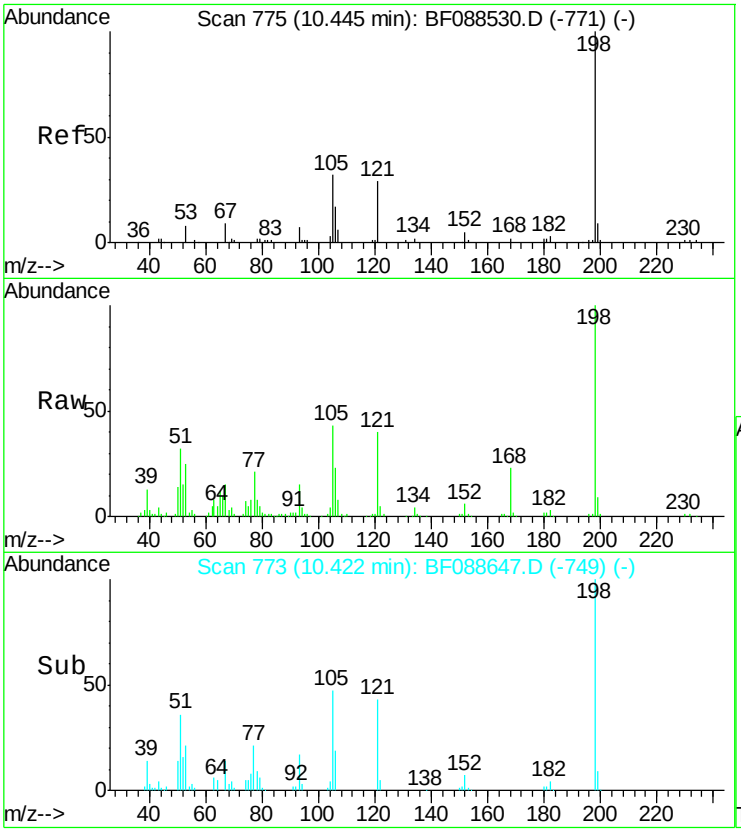


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:188 Resp: 452136

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	10.5	10.0	15.0

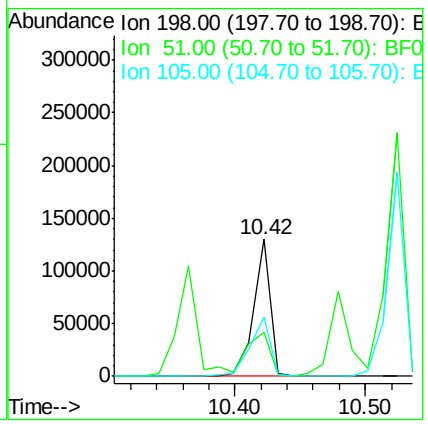




#64
4,6-Dinitro-2-methylphenol
Concen: 47.94 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:198 Resp: 115943

Ion	Ratio	Lower	Upper
198	100		
51	32.3	39.6	79.6#
105	43.0	36.6	76.6



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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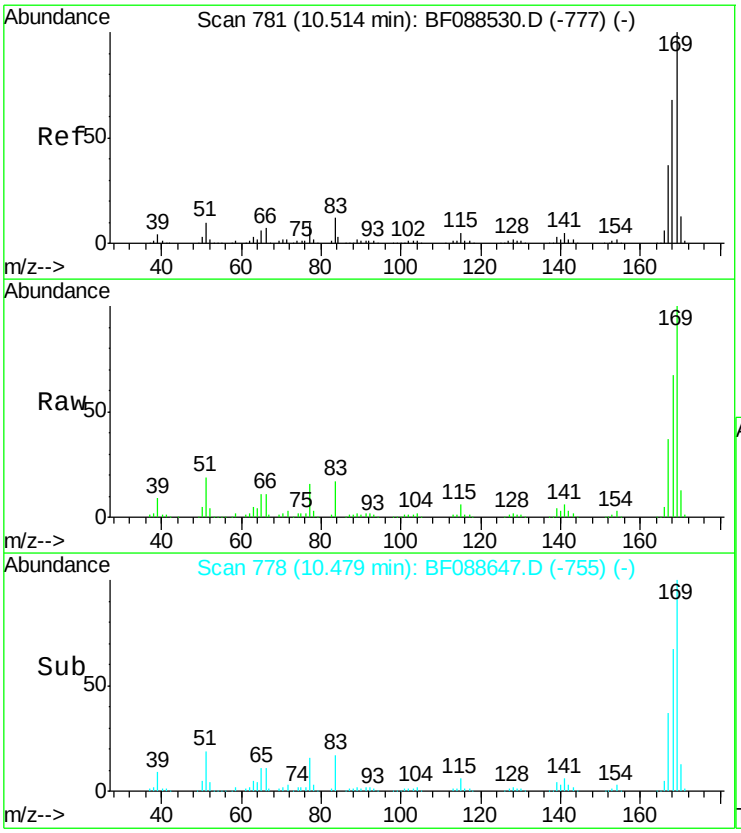
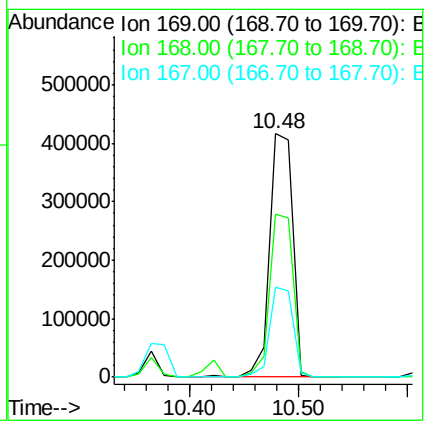
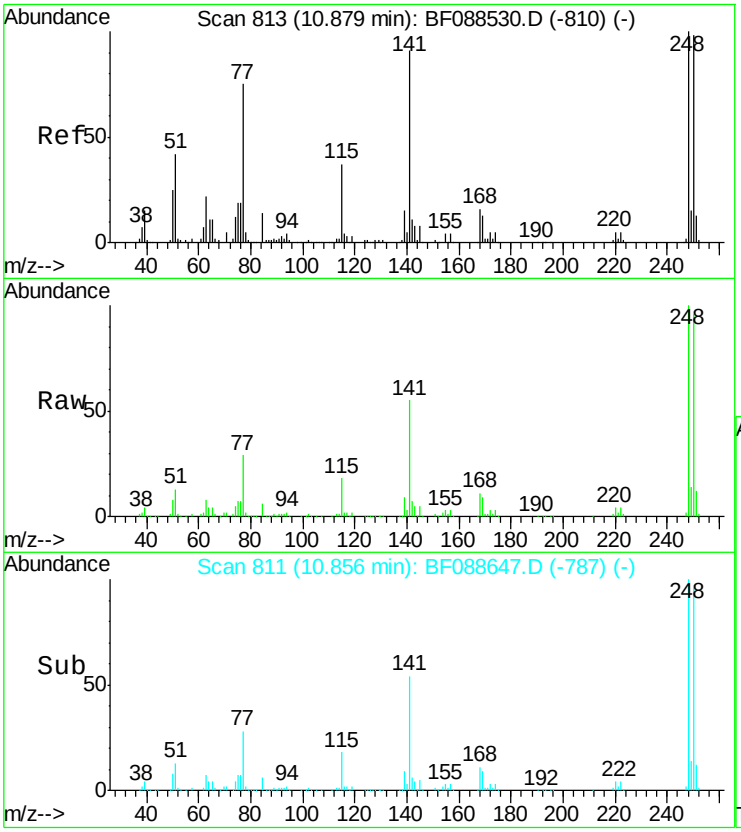


#65
n-Nitrosodiphenylamine
Concen: 39.90 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:169 Resp: 610537

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.0
167	36.8	29.4	44.0

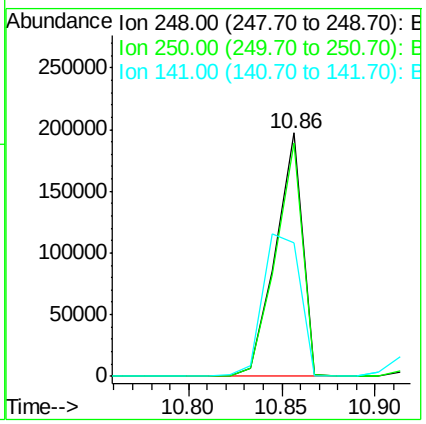




#66
4-Bromophenyl-phenylether
Concen: 43.84 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:248 Resp: 199736

Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.1	115.7
141	54.7	50.6	76.0



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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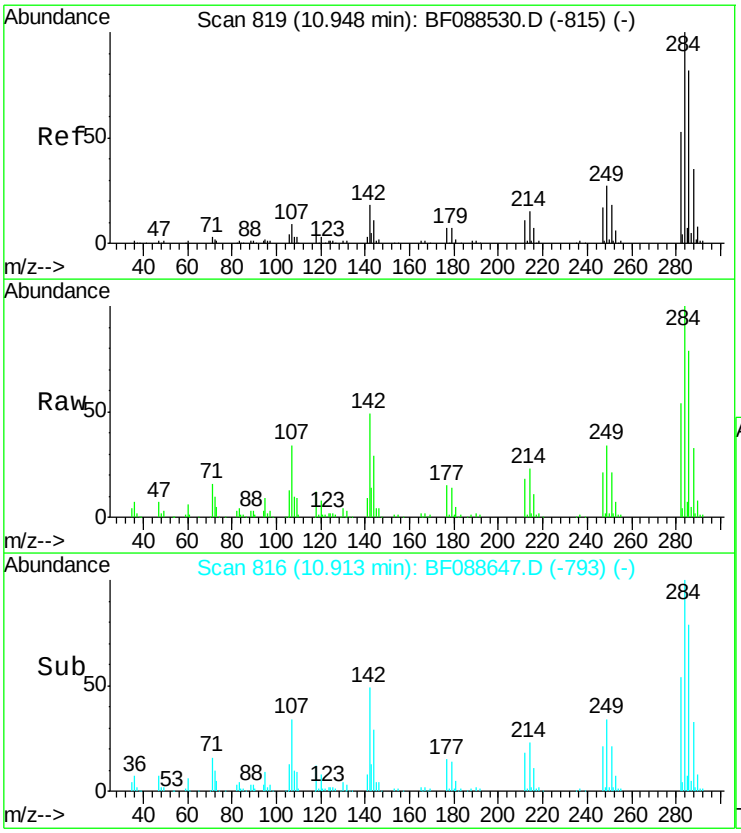
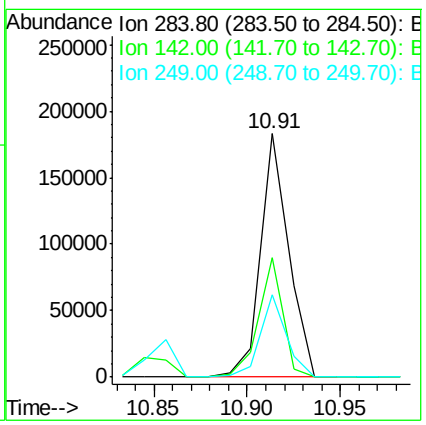
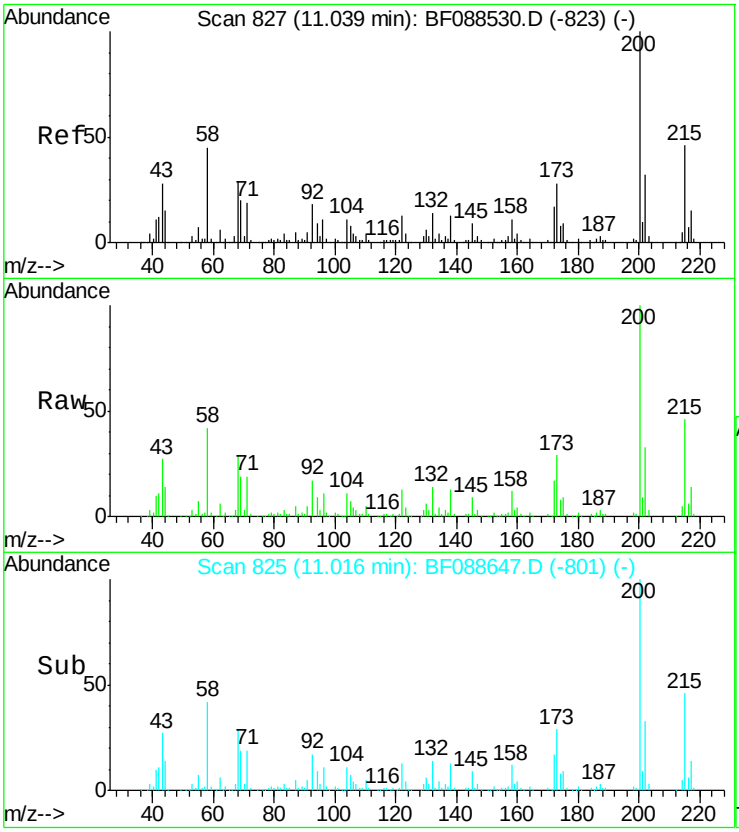


#67
Hexachlorobenzene
Concen: 37.53 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:284 Resp: 189309

Ion	Ratio	Lower	Upper
284	100		
142	49.3	35.8	53.8
249	34.0	25.8	38.6

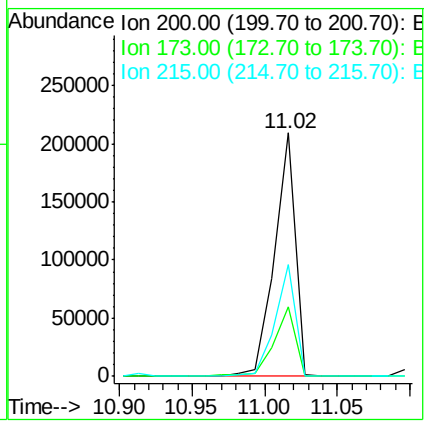




#68
Atrazine
Concen: 43.58 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:200 Resp: 207784

Ion	Ratio	Lower	Upper
200	100		
173	28.5	4.0	44.0
215	45.9	29.3	69.3



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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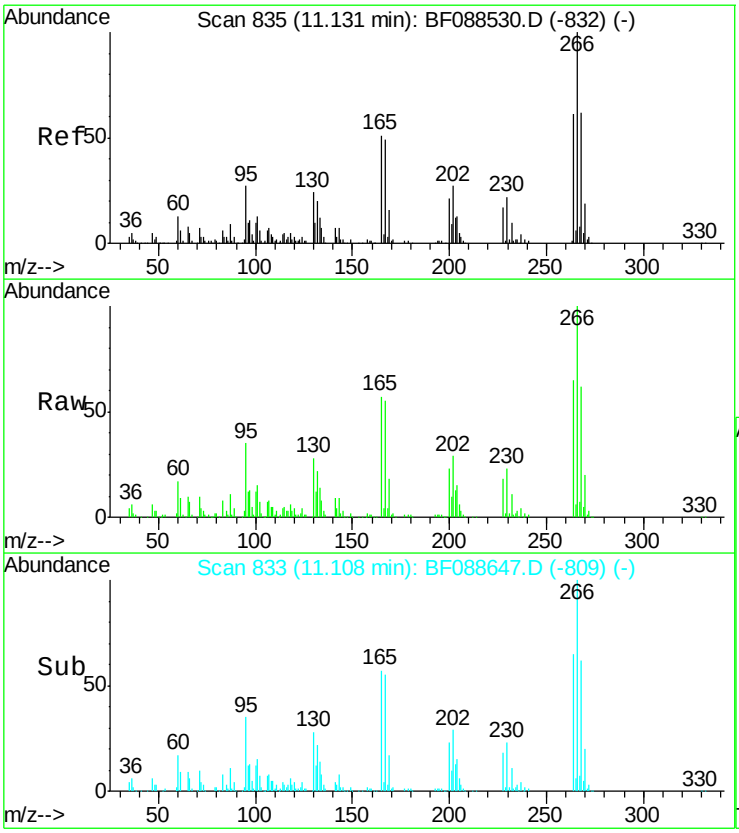
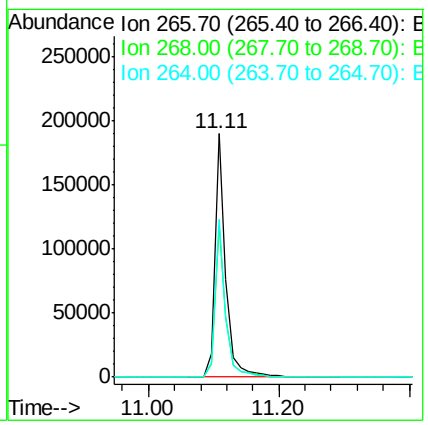
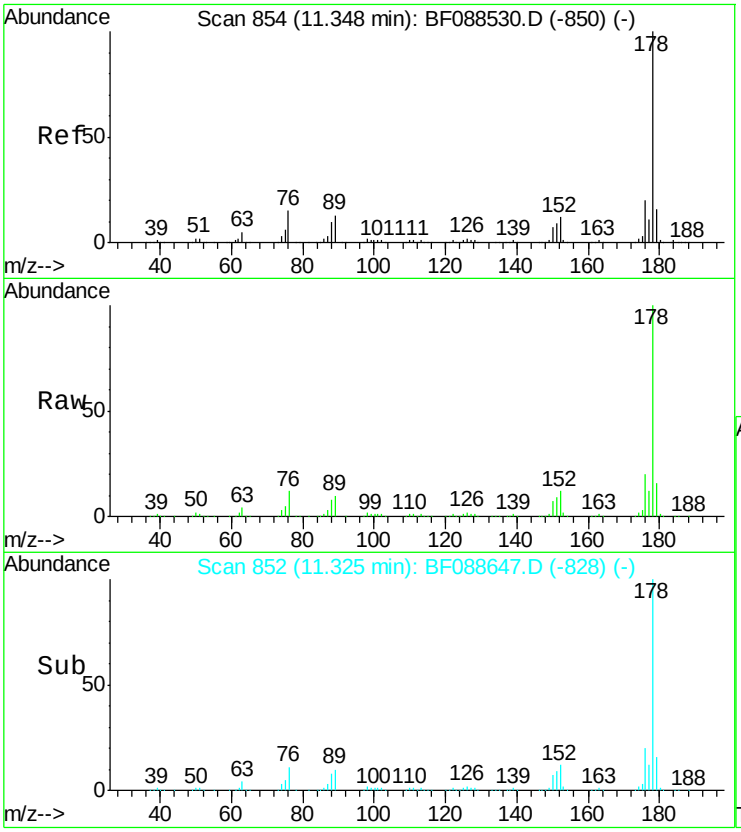


#69
Pentachlorophenol
Concen: 74.09 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:266 Resp: 221147

Ion	Ratio	Lower	Upper
266	100		
268	62.2	52.8	79.2
264	64.7	49.6	74.4

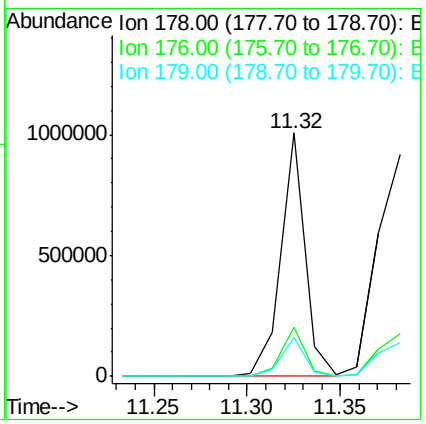




#70
Phenanthrene
Concen: 36.96 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:178 Resp: 913478

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.0	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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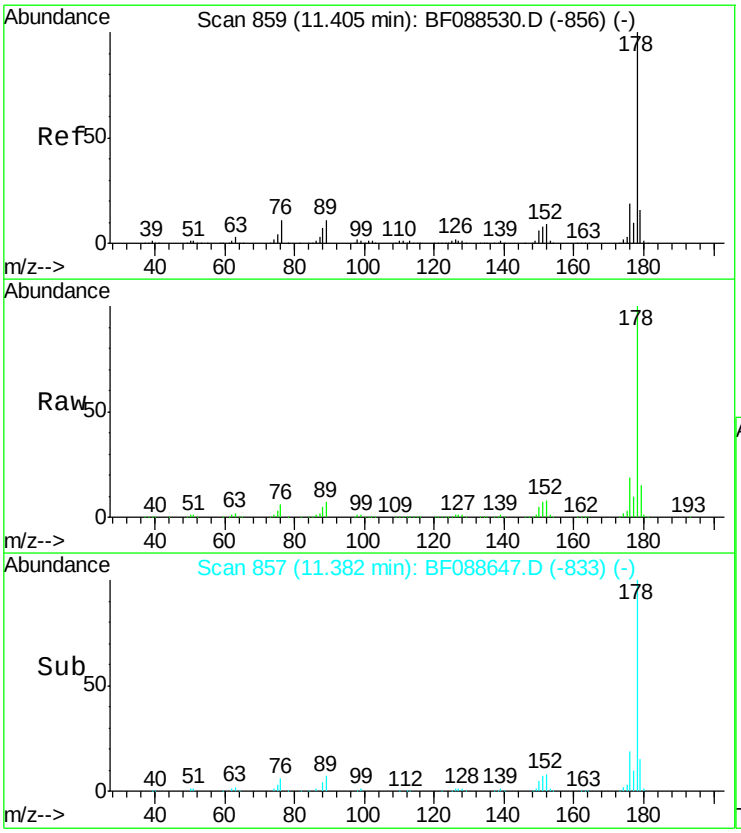
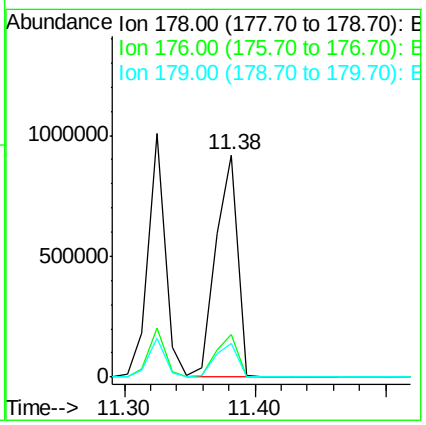
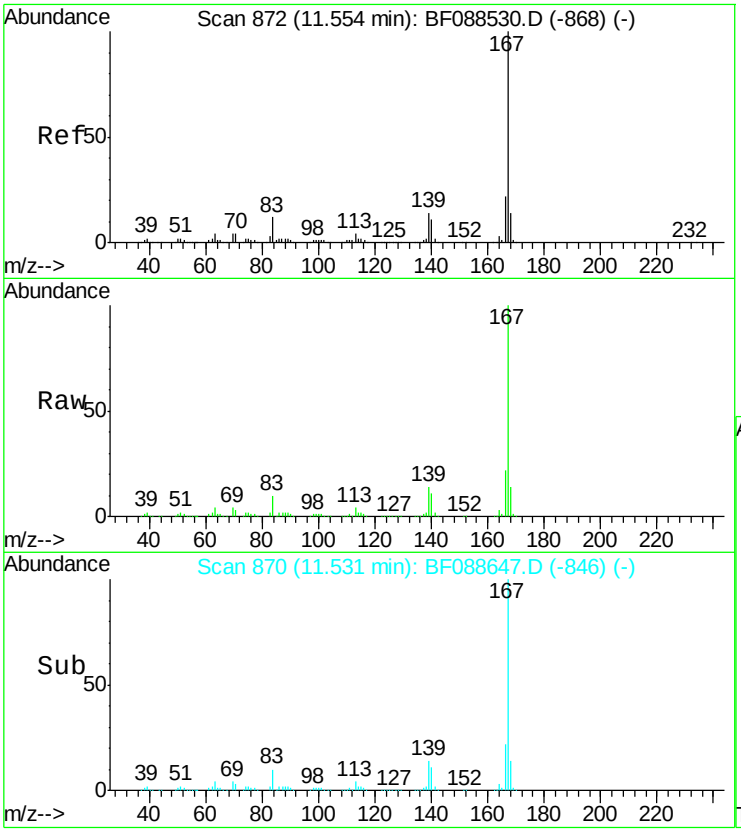


#71
Anthracene
Concen: 43.49 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:178 Resp: 1068777

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.3	12.8	19.2

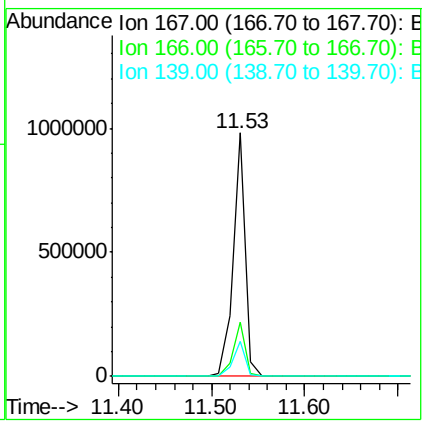




#72
Carbazole
Concen: 38.50 ng
RT: 11.53 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:167 Resp: 890467

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	14.4	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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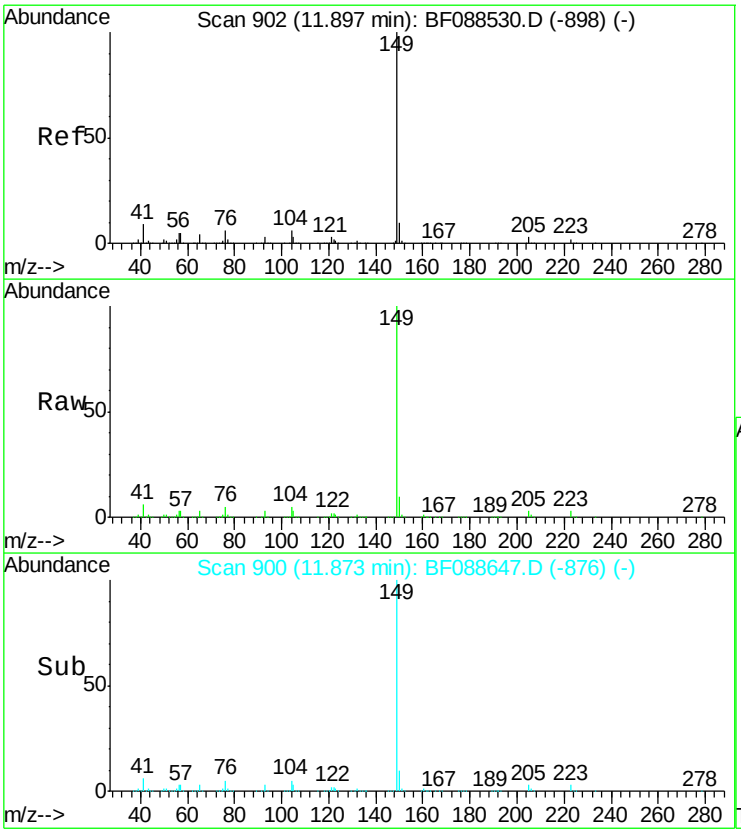
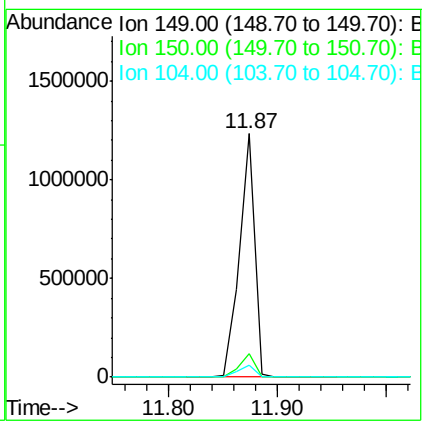
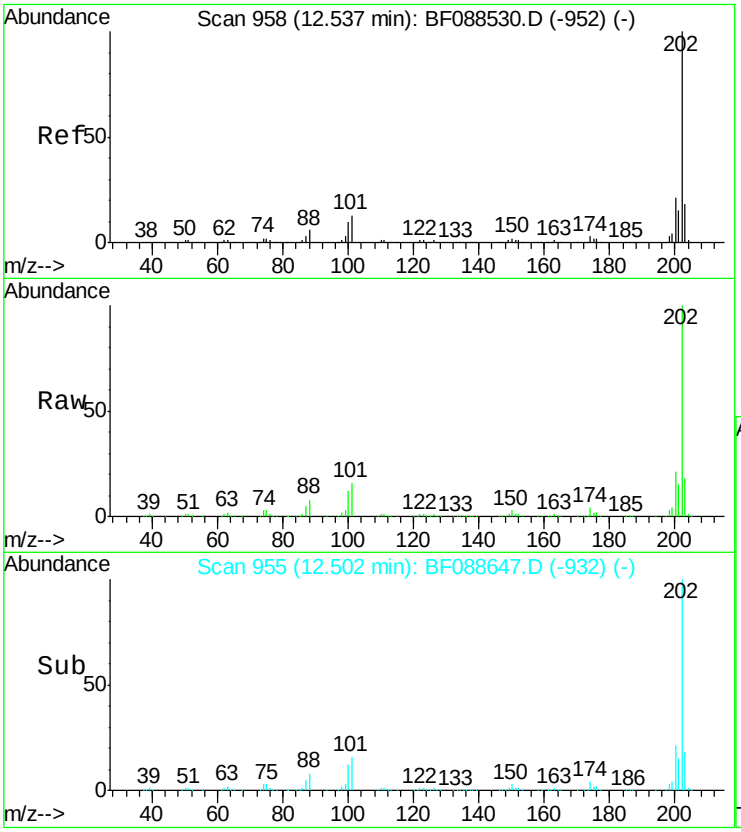


#73
Di-n-butylphthalate
Concen: 43.40 ng
RT: 11.87 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:149 Resp: 1167614

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.1	4.0	6.0

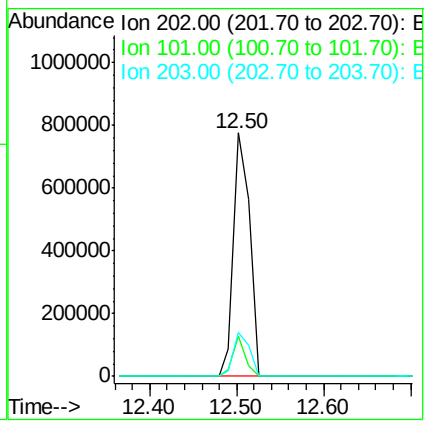




#74
Fluoranthene
Concen: 39.43 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:202 Resp: 987860

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	33.1
203	18.1	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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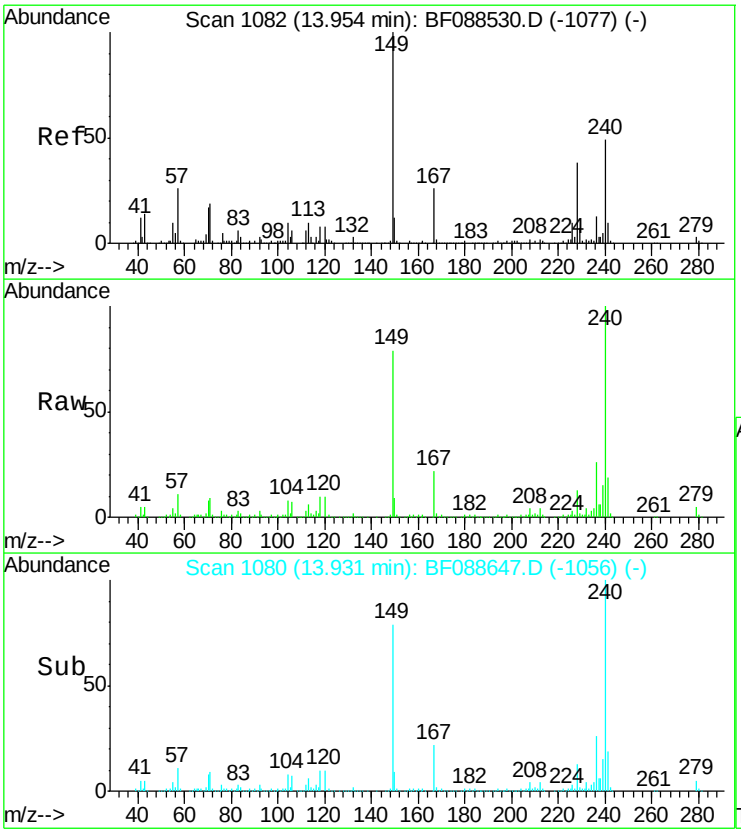
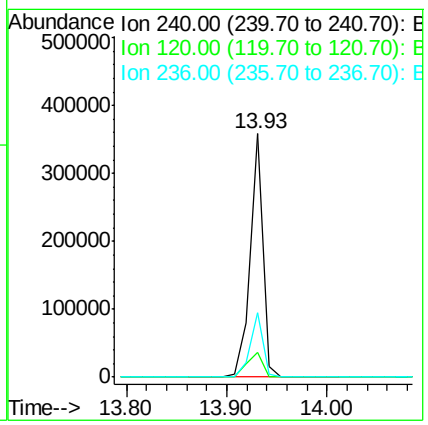
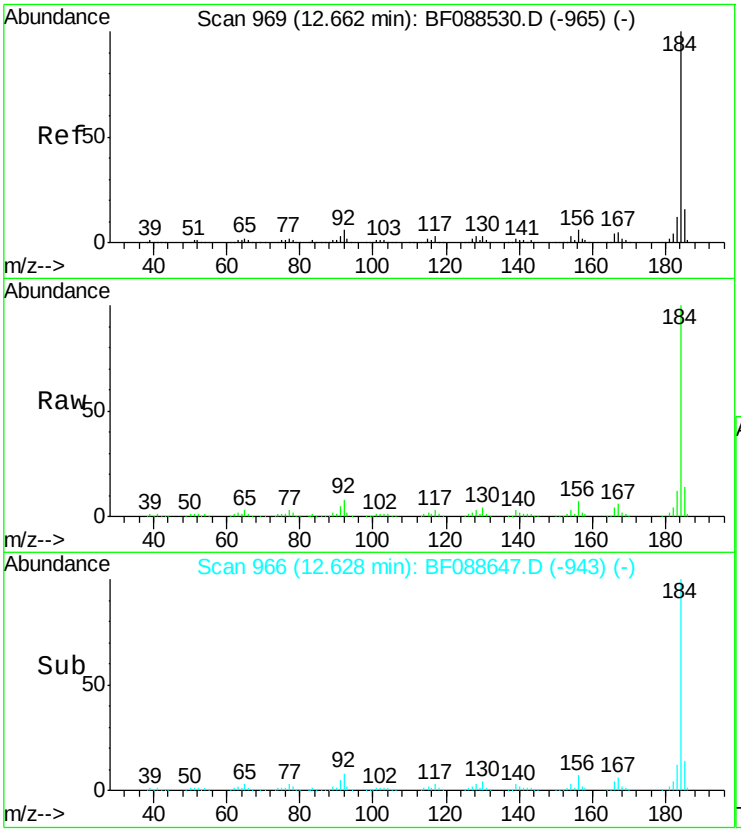


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:240 Resp: 317634

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.8	10.2#
236	26.2	20.2	30.2

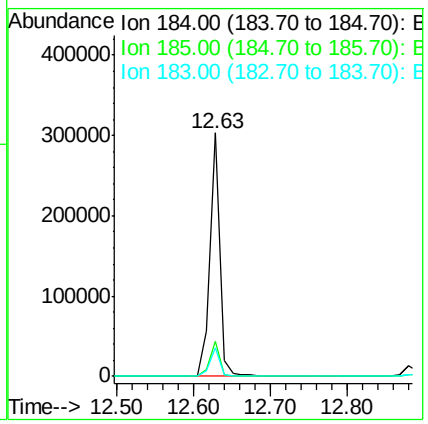




#76
Benzidine
Concen: 16.65 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:184 Resp: 267248

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.5	18.7
183	11.8	9.3	13.9



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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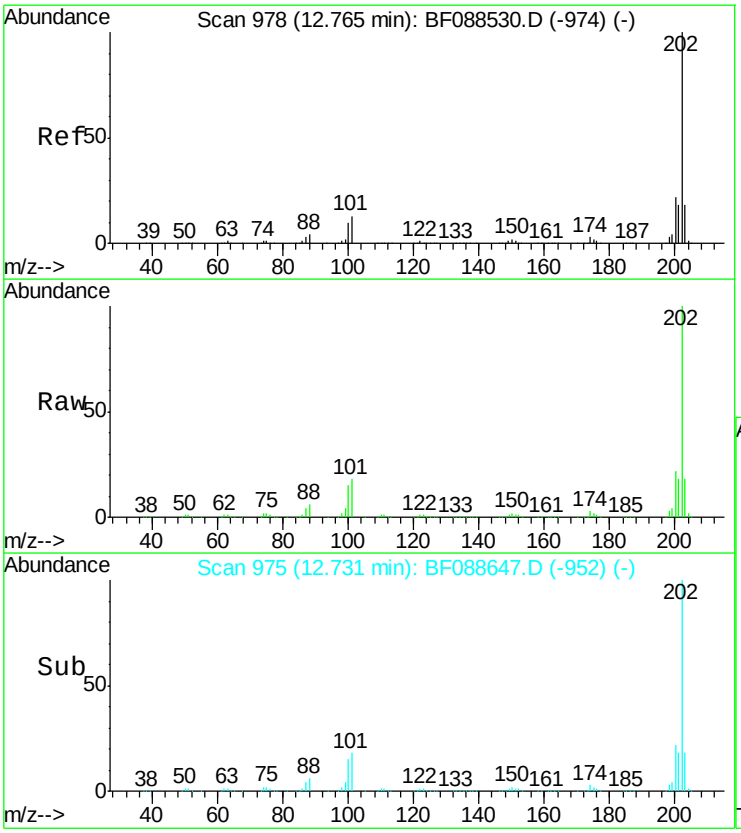
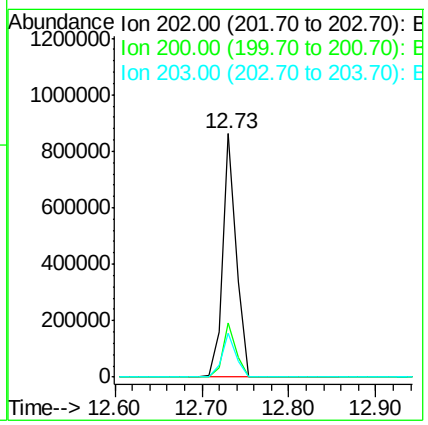
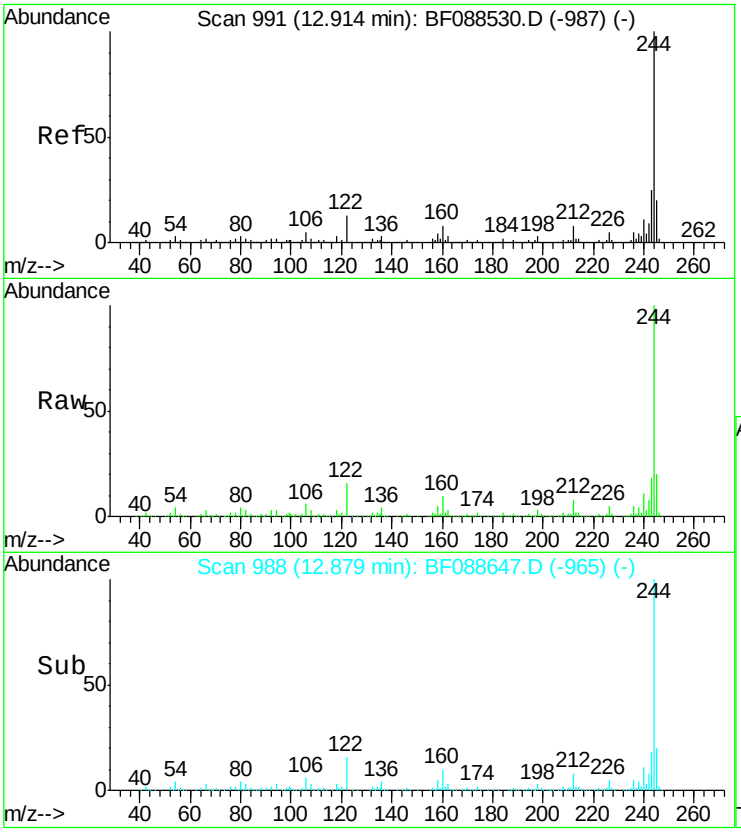


#77
Pyrene
Concen: 35.00 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:202 Resp: 942705

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.2	14.5	21.7

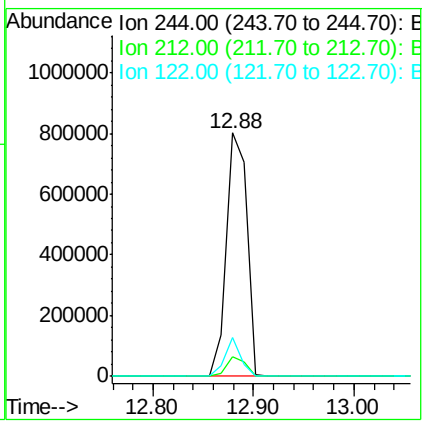




#78
Terphenyl-d14
Concen: 79.49 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:244 Resp: 1133549

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	16.1	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
PB91664BS

Manual Integrations
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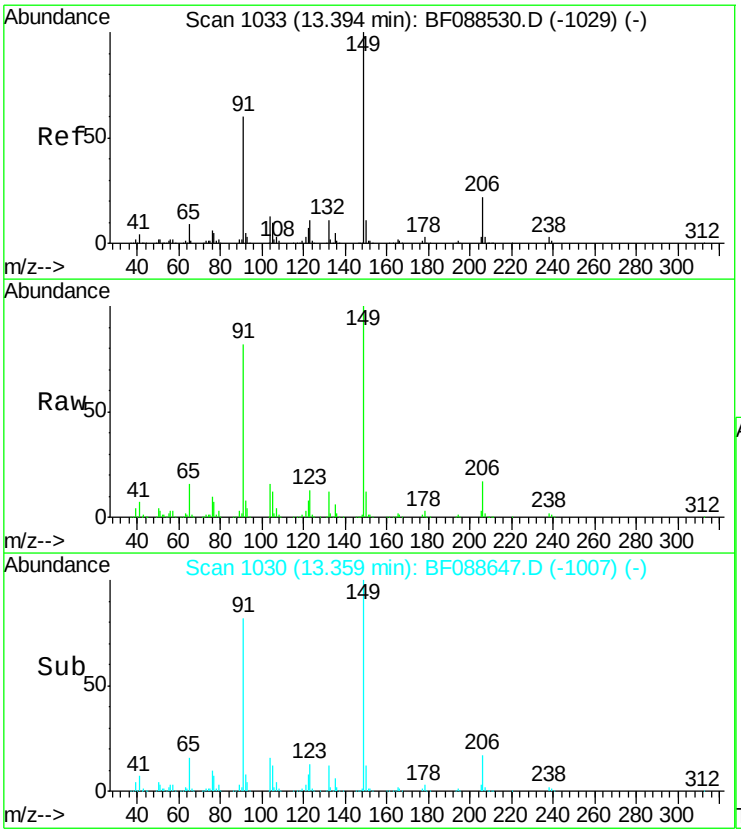
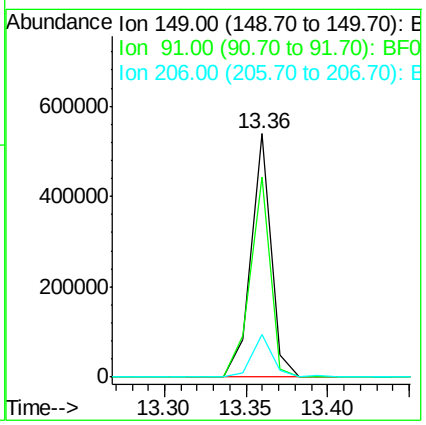
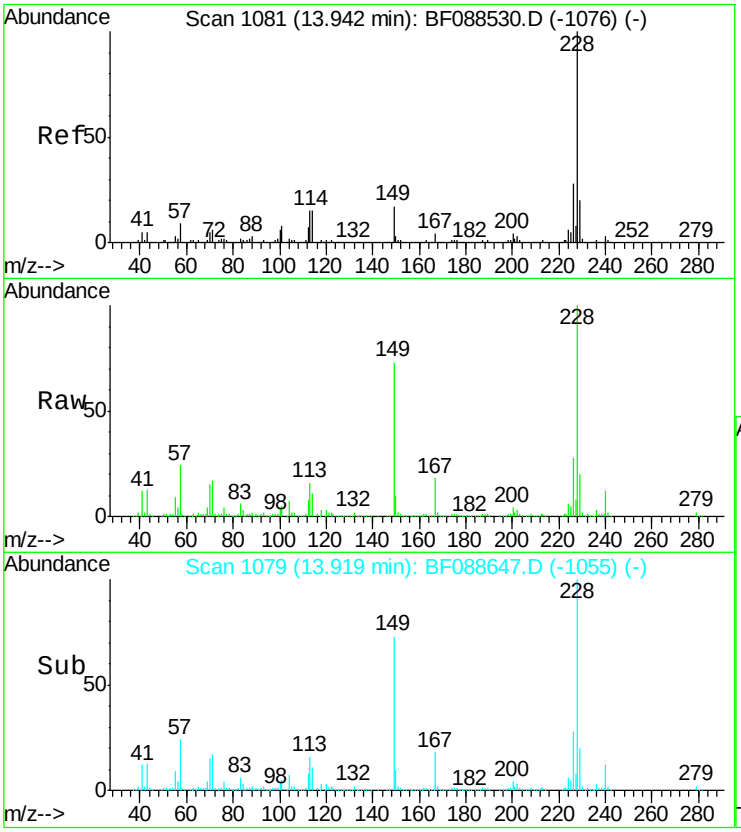


#79
Butylbenzylphthalate
Concen: 38.45 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:149 Resp: 461865

Ion	Ratio	Lower	Upper
149	100		
91	82.2	48.0	72.0#
206	17.4	16.0	24.0

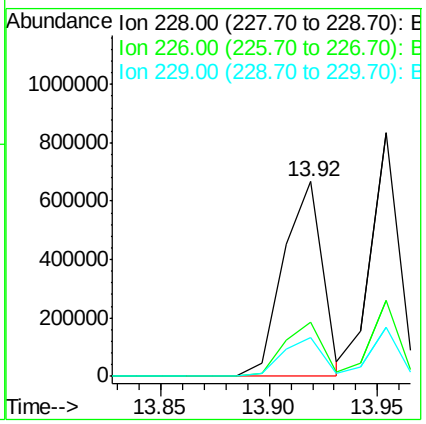




#80
Benzo(a)anthracene
Concen: 40.58 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:228 Resp: 830031

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	19.8	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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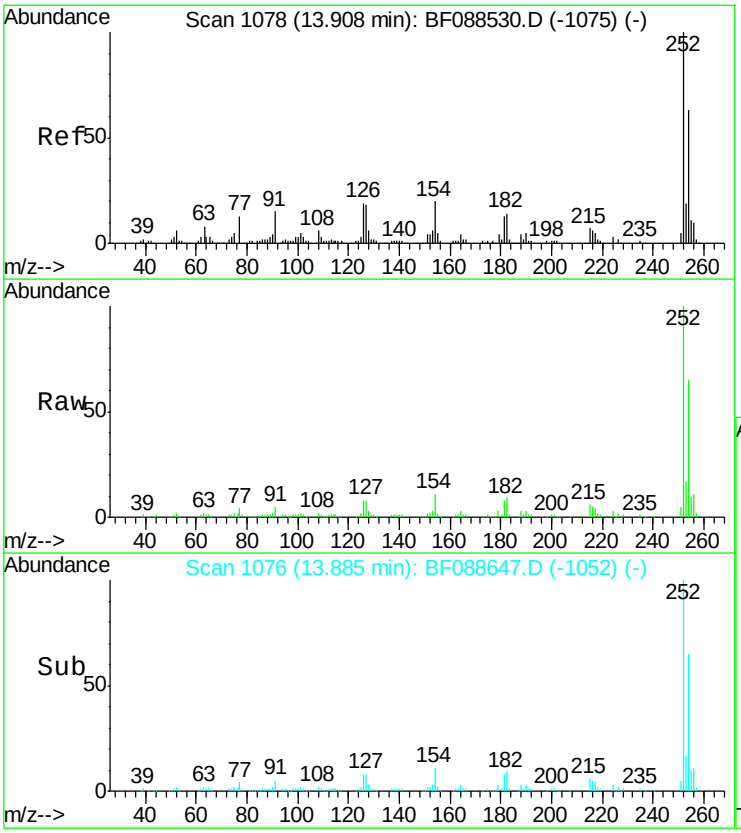
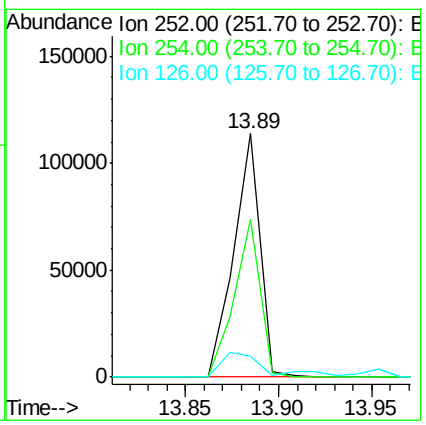
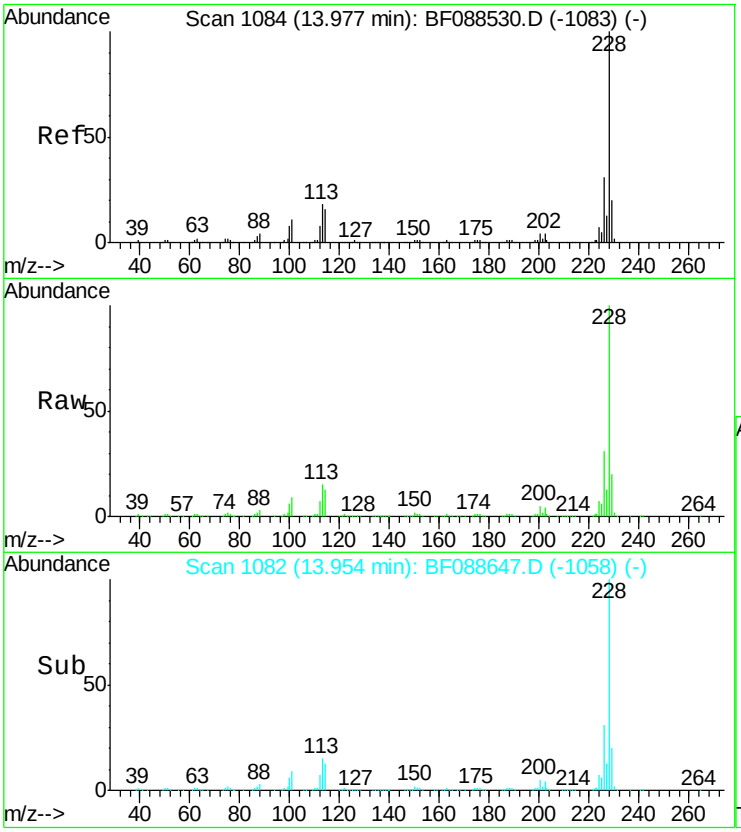


#81
3,3'-Dichlorobenzidine
Concen: 14.59 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:252 Resp: 112211

Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	78.8
126	8.4	6.2	9.2

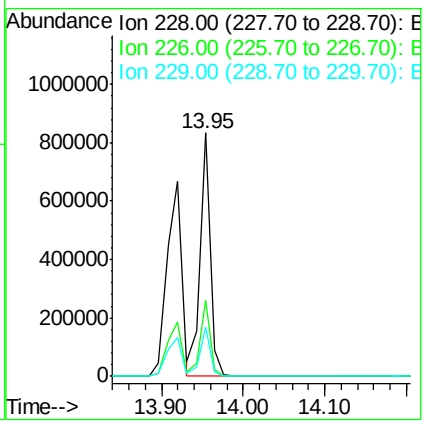




#82
Chrysene
Concen: 36.98 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:228 Resp: 748290

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.2
229	20.3	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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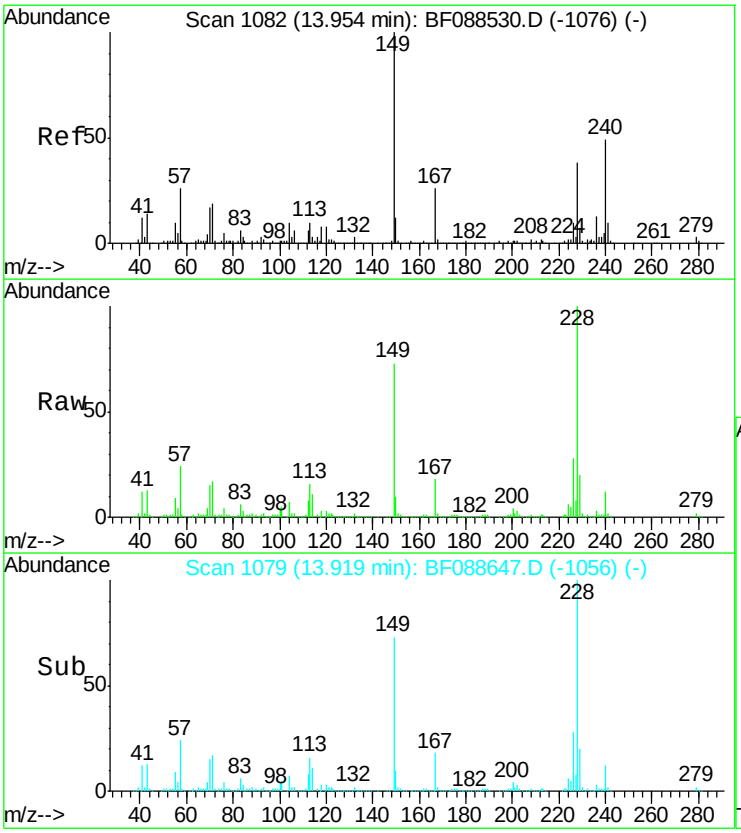
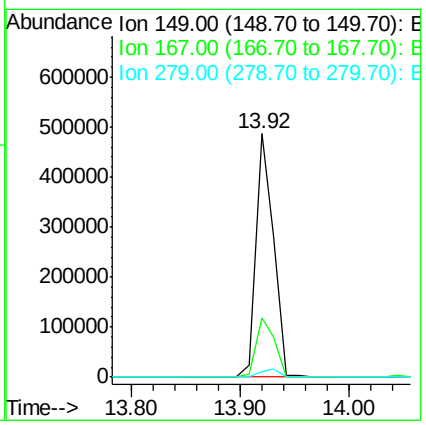
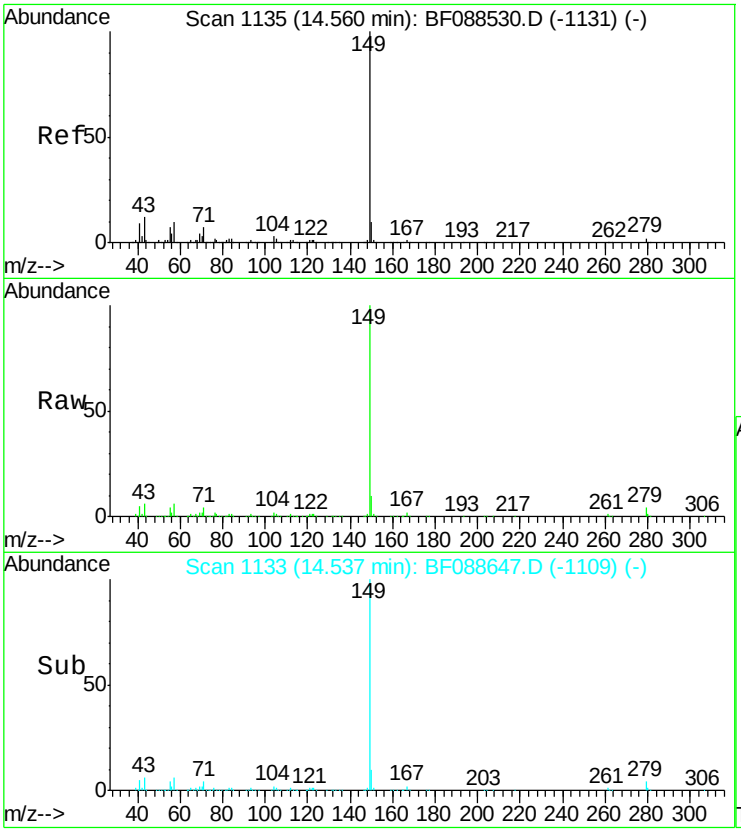


#83
Bis(2-ethylhexyl)phthalate
Concen: 40.24 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:149 Resp: 551843

Ion	Ratio	Lower	Upper
149	100		
167	24.4	20.5	30.7
279	2.2	2.0	3.0

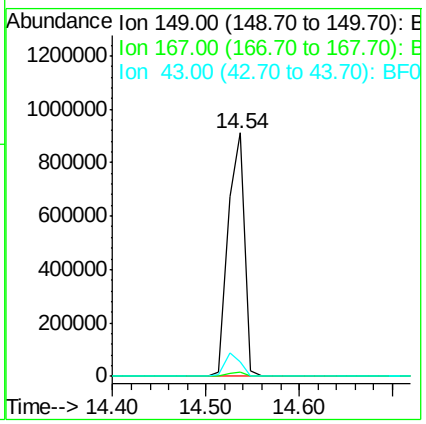




#84
Di-n-octyl phthalate
Concen: 47.95 ng
RT: 14.54 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:149 Resp: 1117327

Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.1	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
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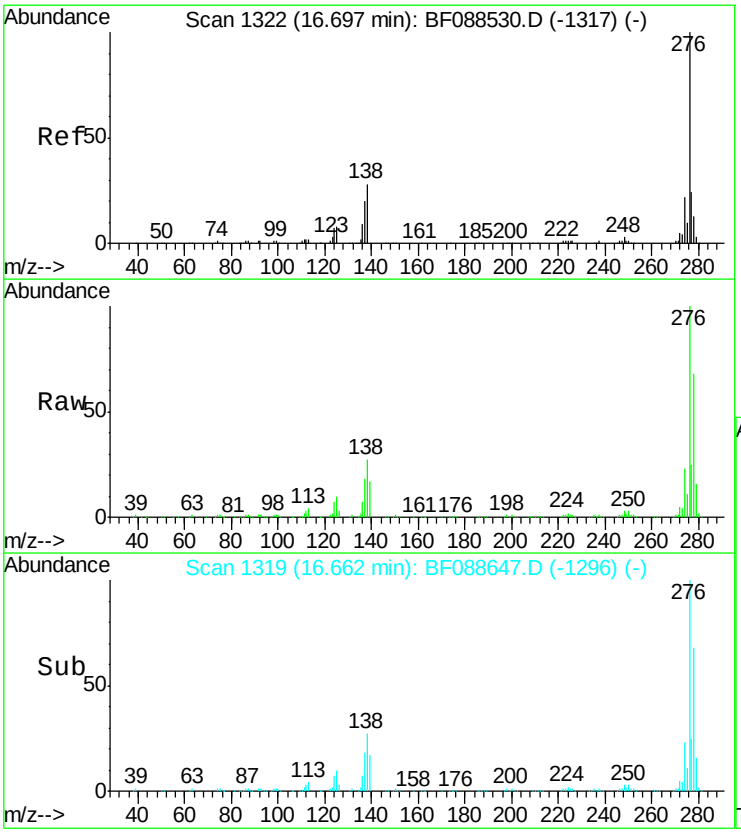
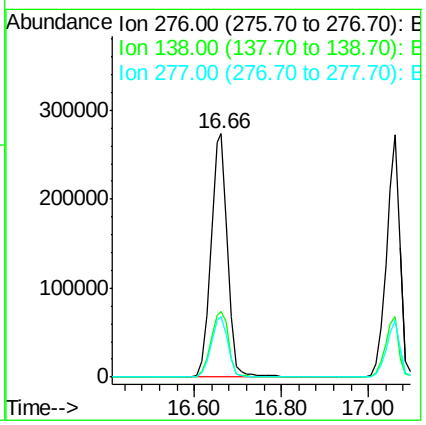
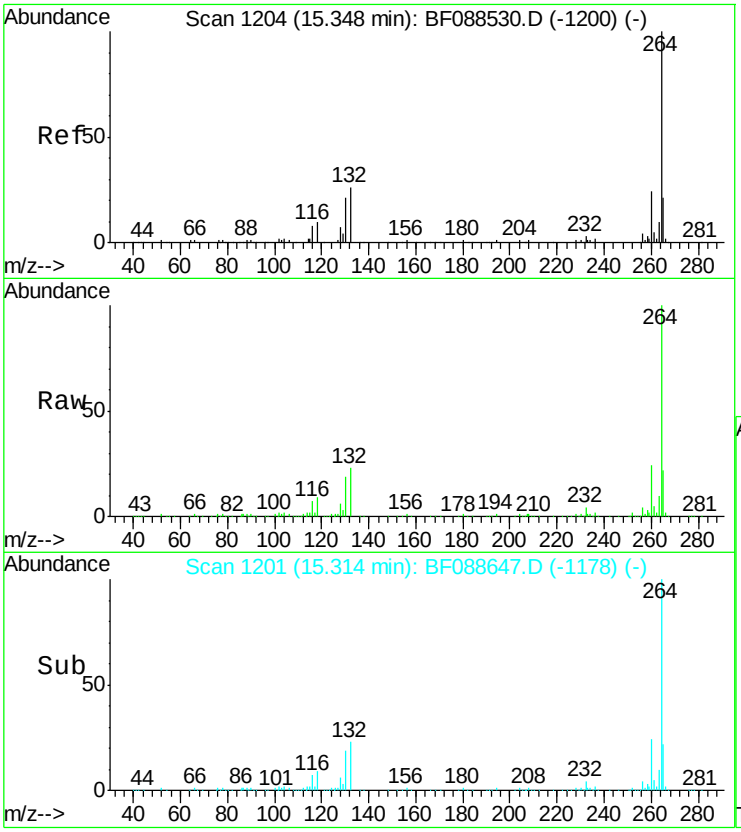


#85
Indeno(1,2,3-cd)pyrene
Concen: 47.56 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:276 Resp: 740420

Ion	Ratio	Lower	Upper
276	100		
138	28.9	0.0	0.0#
277	25.2	0.0	0.0#

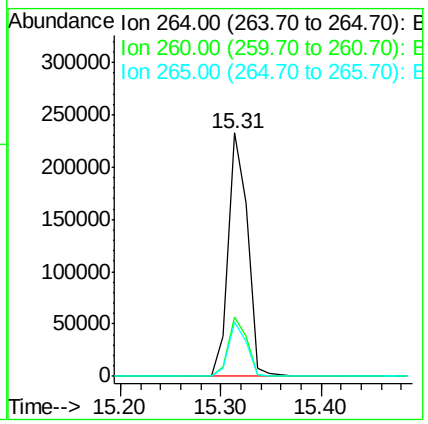




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:264 Resp: 309090

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
PB91664BS

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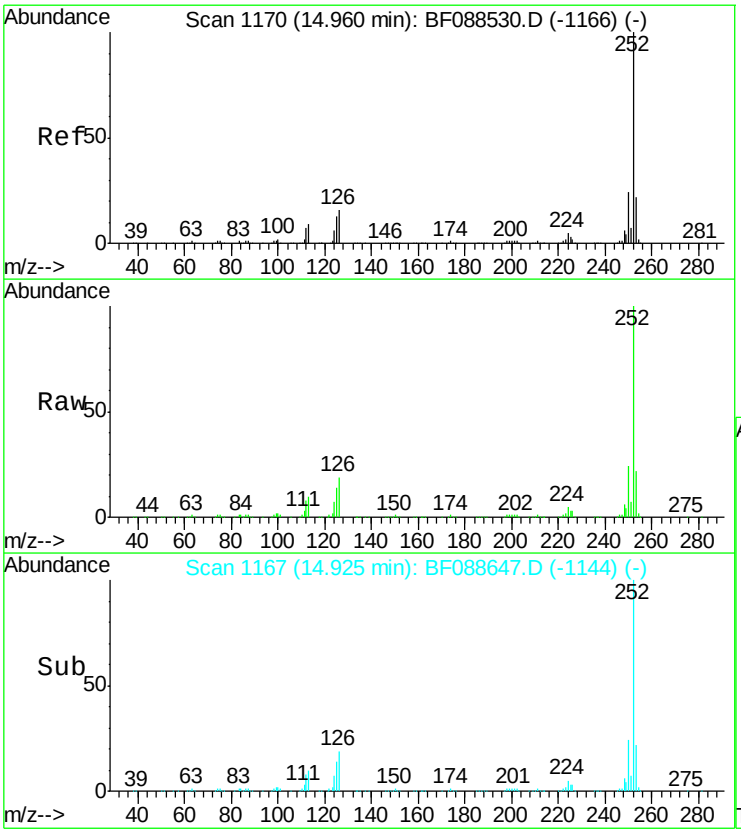
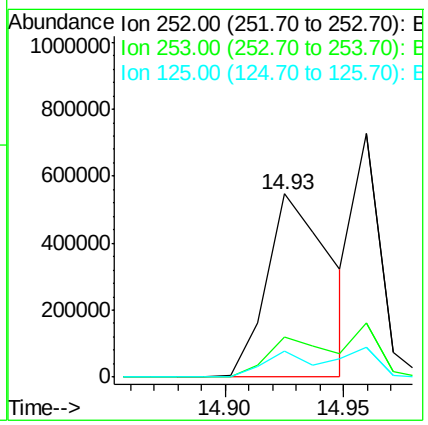
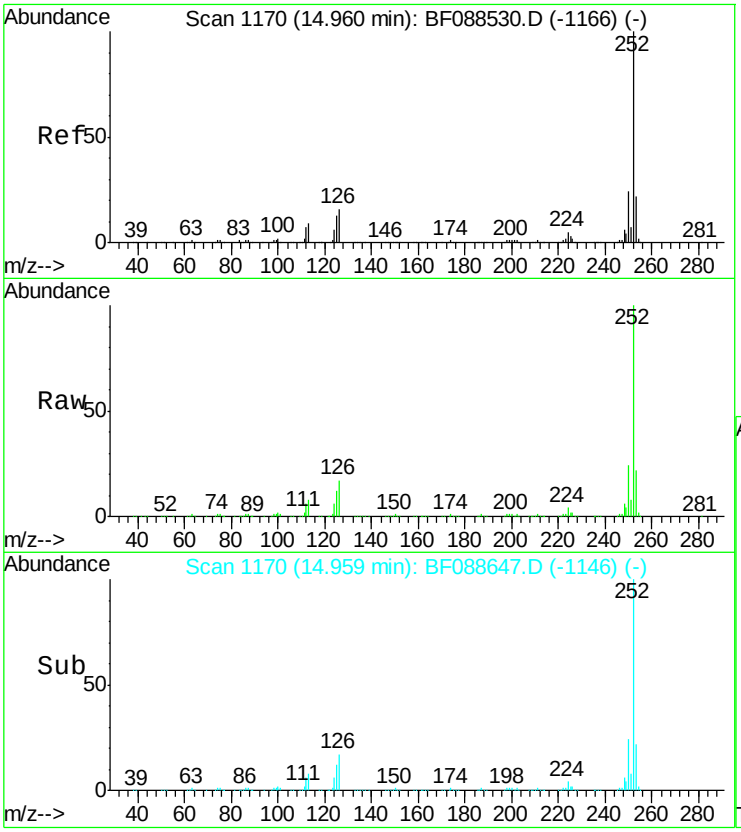


#87
Benzo(b)fluoranthene
Concen: 51.99 ng m
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:252 Resp: 1008027

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	14.2	7.1	10.7#

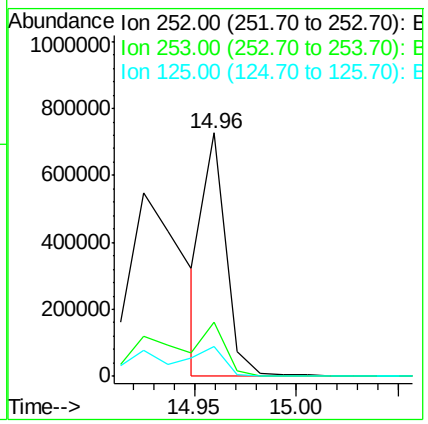




#88
Benzo(k)fluoranthene
Concen: 33.38 ng m
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:252 Resp: 563501

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.2	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
PB91664BS

Manual Integrations
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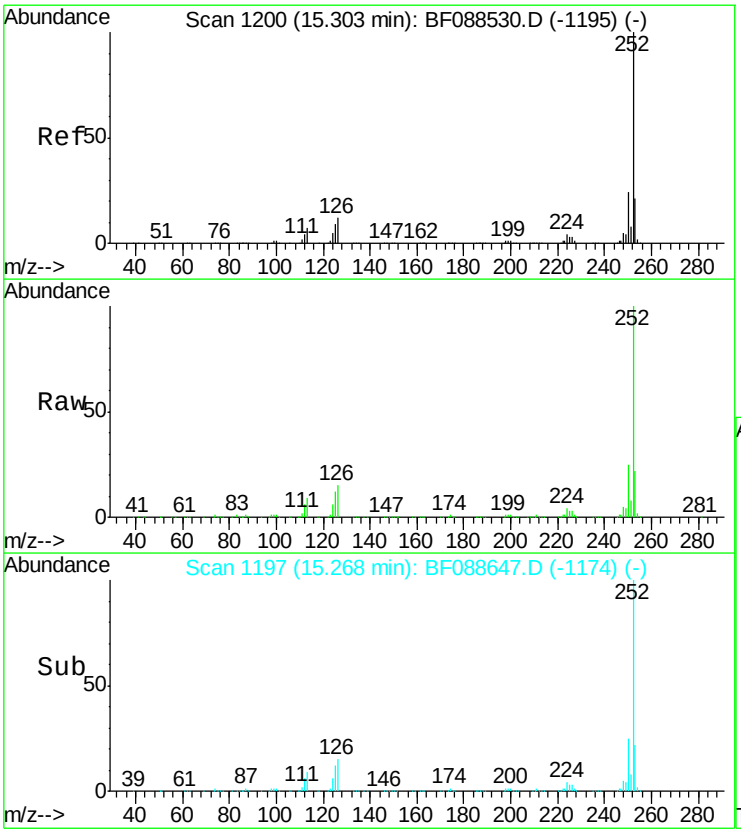
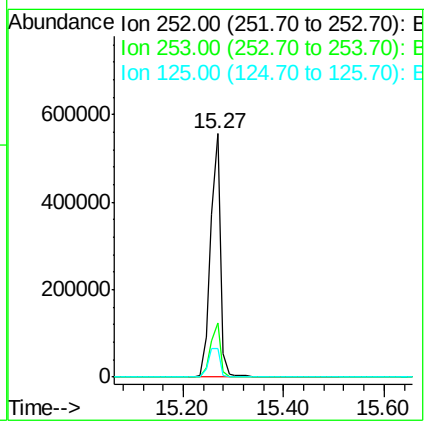
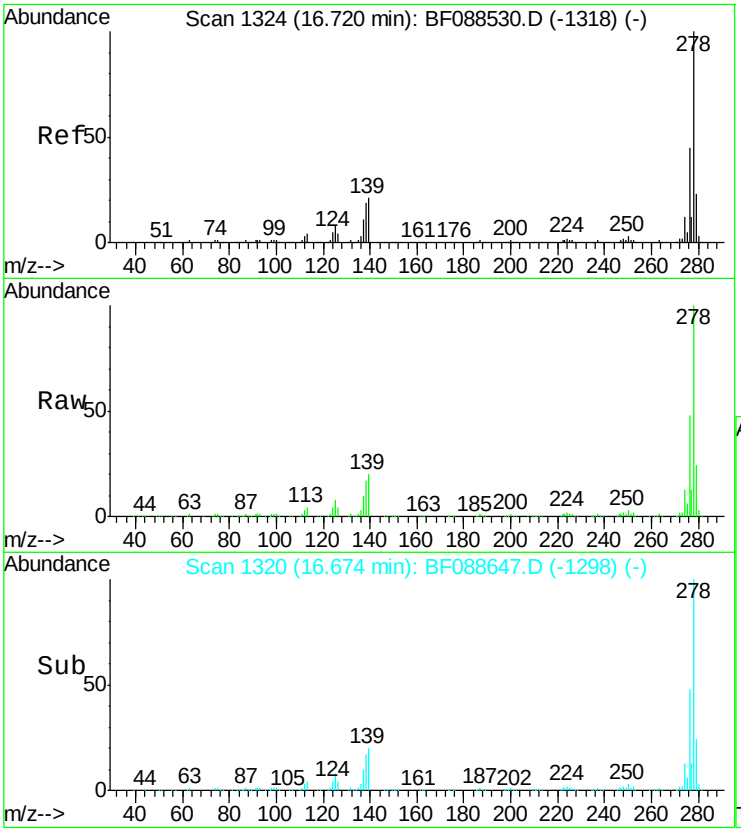


#89
Benzo(a)pyrene
Concen: 46.01 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:252 Resp: 755266

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.8	12.5	18.7#

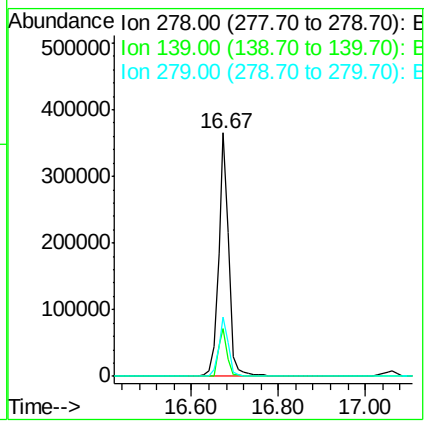




#90
Dibenzo(a,h)anthracene
Concen: 44.46 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:278 Resp: 609521

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.7	23.5
279	24.2	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
PB91664BS

Manual Integrations
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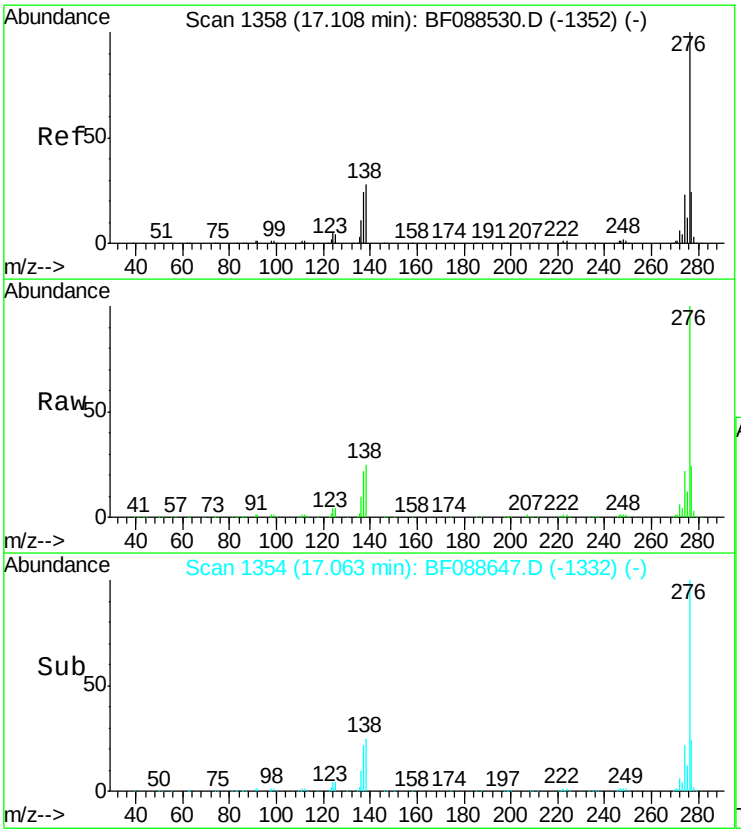
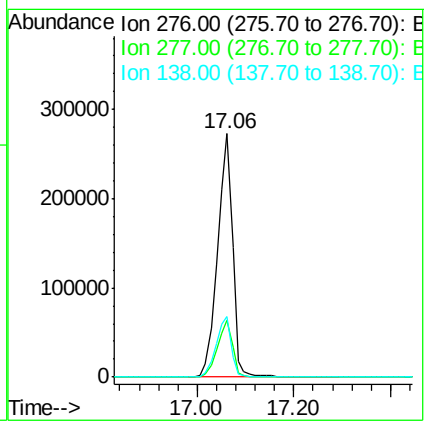


#91
Benzo(g,h,i)perylene
Concen: 41.73 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.05 min
Lab File: BF088647.D
Acq: 3 Jul 2016 14:06

Tgt Ion:276 Resp: 592005

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.1	21.4	32.2