Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085855.D
Acq On : 29 Mar 2016 18:12
Operator : UM/SJ
Sample : PB89295BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89295BS

Quant Time: Mar 29 23:49:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110185	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	472328	20.00	ng		-0.02
38) Acenaphthene-d10	9.84	164	207491	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	396350	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	324204	20.00	ng		-0.01
86) Perylene-d12	15.39	264	221492	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	739947	111.84	ng		0.00
7) Phenol-d6	6.45	99	952399	113.22	ng		-0.01
23) Nitrobenzene-d5	7.37	82	604222	72.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	271279	137.61	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	1029805	82.92	ng		-0.02
78) Terphenyl-d14	12.92	244	1119720	71.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	105433	33.37	ng		97
3) Pyridine	3.14	79	285485	37.69	ng		99
4) n-Nitrosodimethylamine	3.09	42	129114	42.58	ng		98
6) Aniline	6.47	93	200891	17.74	ng	#	93
8) 2-Chlorophenol	6.60	128	302489	39.35	ng		92
9) Benzaldehyde	6.36	77	150303	29.66	ng		91
10) Phenol	6.46	94	368024	38.62	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	281337	38.36	ng		92
12) 1,3-Dichlorobenzene	6.74	146	321267	38.81	ng	#	94
13) 1,4-Dichlorobenzene	6.82	146	326299	38.87	ng		94
14) 1,2-Dichlorobenzene	6.97	146	292161	37.34	ng		96
15) Benzyl Alcohol	6.95	79	223141	39.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	339980	34.94	ng		97
17) 2-Methylphenol	7.08	107	247581	40.23	ng		99
18) Hexachloroethane	7.32	117	117983	38.38	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	189029	37.53	ng		95
20) 3+4-Methylphenols	7.22	107	298340	40.32	ng		92
22) Acetophenone	7.22	105	397965	36.17	ng	#	95
24) Nitrobenzene	7.40	77	338128	39.11	ng		90
25) Isophorone	7.64	82	592010	36.64	ng		96
26) 2-Nitrophenol	7.72	139	164786	38.10	ng		90
27) 2,4-Dimethylphenol	7.75	122	270962	35.84	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	348149	37.82	ng		97
29) 2,4-Dichlorophenol	7.96	162	250168	39.36	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	266333	37.74	ng		96
31) Naphthalene	8.12	128	911316	38.29	ng		99
32) Benzoic acid	7.89	122	162994	32.46	ng		92
33) 4-Chloroaniline	8.17	127	78314	8.06	ng		99
34) Hexachlorobutadiene	8.23	225	133233	34.74	ng		98
35) Caprolactam	8.54	113	60680	26.95	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	289802	39.03	ng		90
37) 2-Methylnaphthalene	8.80	142	554485	38.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	233753	37.99	ng		99
40) Hexachlorocyclopentadiene	8.96	237	192254	75.55	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085855.D
Acq On : 29 Mar 2016 18:12
Operator : UM/SJ
Sample : PB89295BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89295BS

Quant Time: Mar 29 23:49:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	162428	39.09	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	178814	41.03	ng	#	93
45) 1,1'-Biphenyl	9.27	154	667903	38.15	ng		98
46) 2-Chloronaphthalene	9.29	162	498519	38.72	ng		92
47) 2-Nitroaniline	9.40	65	168530	42.81	ng		98
48) Acenaphthylene	9.70	152	820898	39.13	ng		99
49) Dimethylphthalate	9.58	163	653913	41.54	ng		99
50) 2,6-Dinitrotoluene	9.64	165	125737	37.11	ng		97
51) Acenaphthene	9.88	154	487009	38.01	ng		100
52) 3-Nitroaniline	9.81	138	59247	15.28	ng		94
53) 2,4-Dinitrophenol	9.92	184	123017	72.47	ng	#	80
54) Dibenzofuran	10.06	168	739713	44.60	ng		96
55) 4-Nitrophenol	9.98	139	186368	73.76	ng		93
56) 2,4-Dinitrotoluene	10.05	165	188555	43.78	ng	#	72
57) Fluorene	10.39	166	543121	39.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	127993	42.26	ng		98
59) Diethylphthalate	10.28	149	646882	41.59	ng		100
60) 4-Chlorophenyl-phenylether	10.39	204	281408	41.75	ng	#	88
61) 4-Nitroaniline	10.42	138	153506	41.38	ng		95
62) Azobenzene	10.55	77	692779	46.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	89441	38.53	ng	#	57
65) n-Nitrosodiphenylamine	10.50	169	496616	39.56	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	159454	39.32	ng	#	85
67) Hexachlorobenzene	10.95	284	166013	39.15	ng	#	86
68) Atrazine	11.04	200	181312	42.78	ng		99
69) Pentachlorophenol	11.14	266	171241	82.25	ng		99
70) Phenanthrene	11.36	178	848942	41.71	ng		99
71) Anthracene	11.41	178	881835	41.27	ng		99
72) Carbazole	11.57	167	843526	47.03	ng		99
73) Di-n-butylphthalate	11.90	149	990144	40.23	ng		98
74) Fluoranthene	12.54	202	823001	38.05	ng		97
76) Benzidine	12.67	184	279266	24.46	ng		97
77) Pyrene	12.77	202	814833	30.58	ng		99
79) Butylbenzylphthalate	13.39	149	373427	33.46	ng	#	73
80) Benzo(a)anthracene	13.96	228	704640	38.12	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	103970	8.10	ng	#	97
82) Chrysene	13.99	228	580293	31.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	467099	34.96	ng	#	99
84) Di-n-octyl phthalate	14.55	149	748093	37.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	513773	35.73	ng		99
87) Benzo(b)fluoranthene	15.01	252	1084989	77.76	ng		97
88) Benzo(k)fluoranthene	15.01	252	1085490	86.29	ng		99
89) Benzo(a)pyrene	15.33	252	511692	41.30	ng	#	97
90) Dibenzo(a,h)anthracene	16.77	278	432995	37.62	ng		97
91) Benzo(g,h,i)perylene	17.18	276	432200	37.08	ng		96

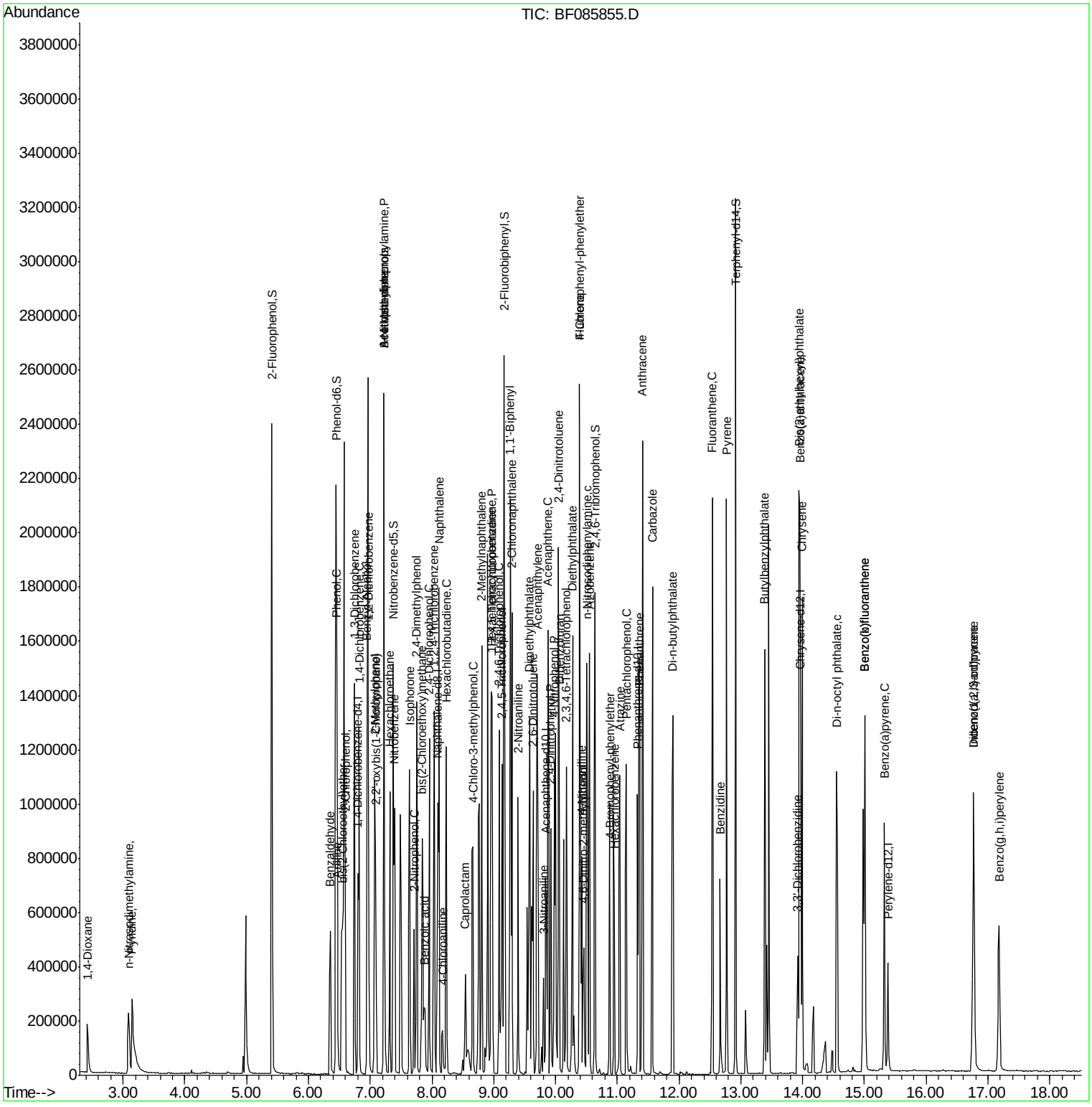
(#) = qualifier out of range (m) = manual integration (+) = signals summed

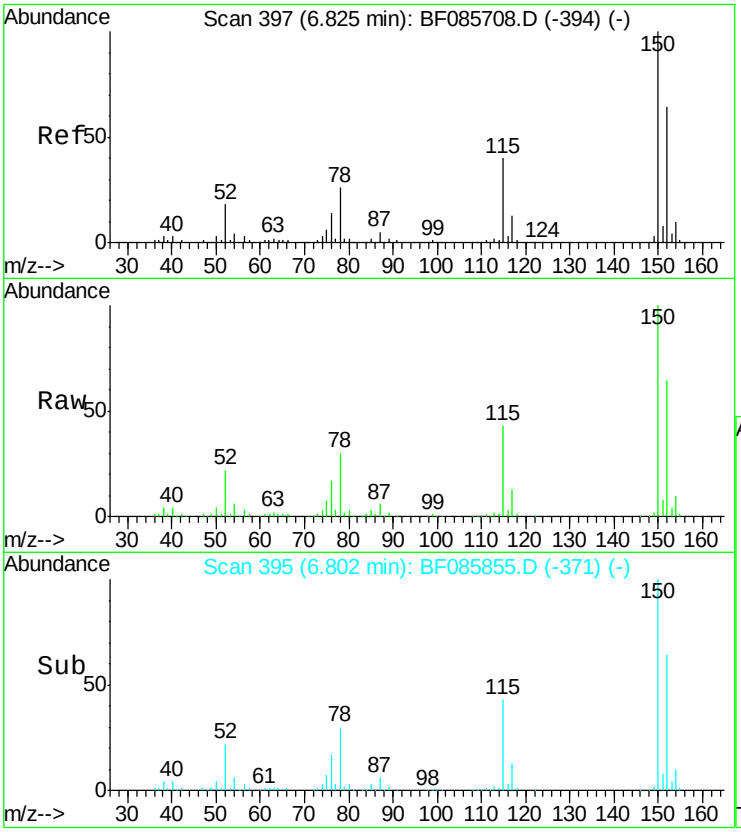
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085855.D
Acq On : 29 Mar 2016 18:12
Operator : UM/SJ
Sample : PB89295BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Quant Time: Mar 29 23:49:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration



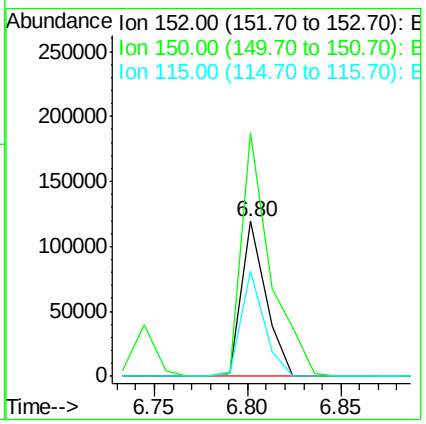


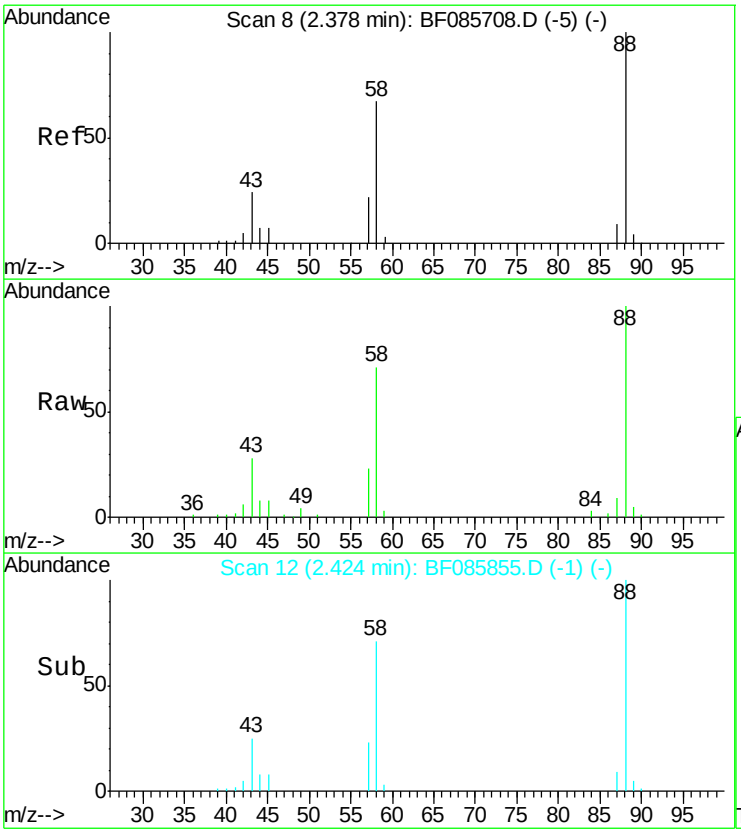
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:152 Resp: 110185

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	68.3	47.0	70.6

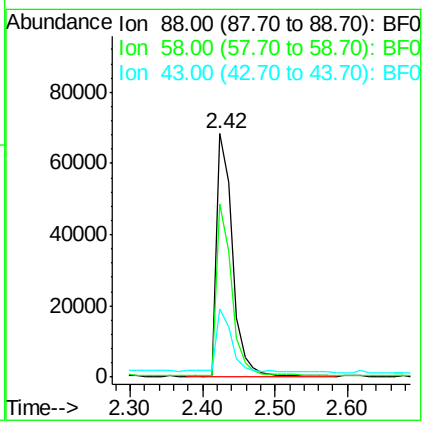


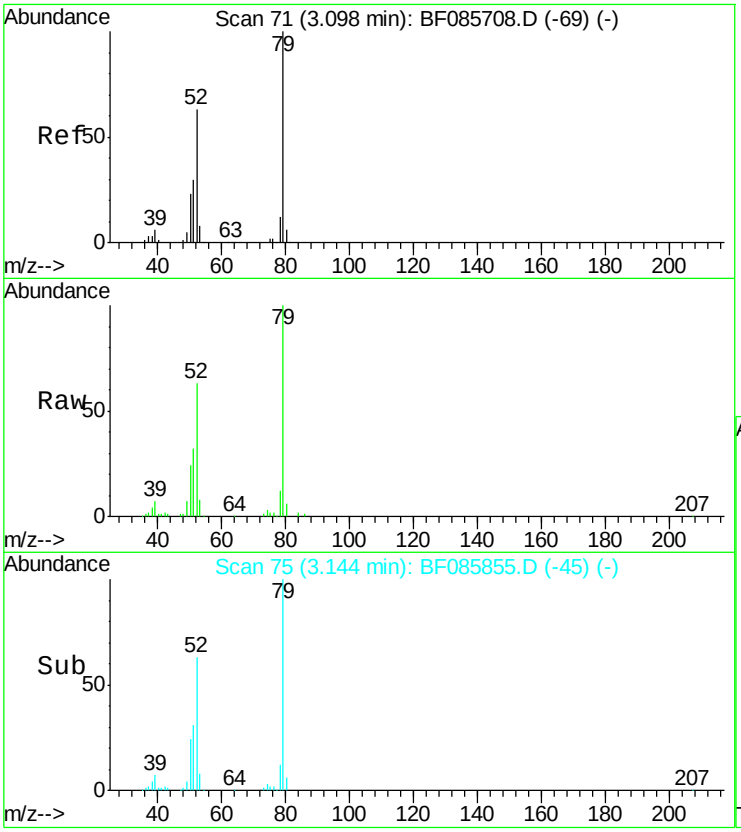


#2
1,4-Dioxane
Concen: 33.37 ng
RT: 2.42 min Scan# 12
Delta R.T. 0.05 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 88 Resp: 105433

Ion	Ratio	Lower	Upper
88	100		
58	65.7	54.2	81.2
43	26.1	19.3	28.9



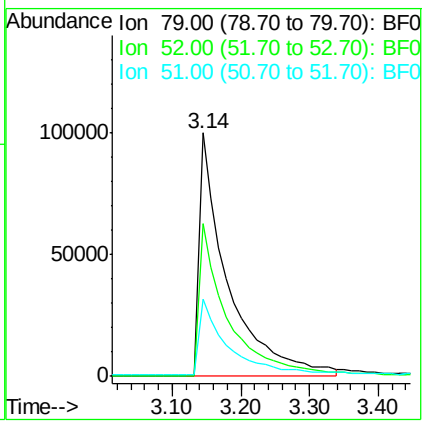


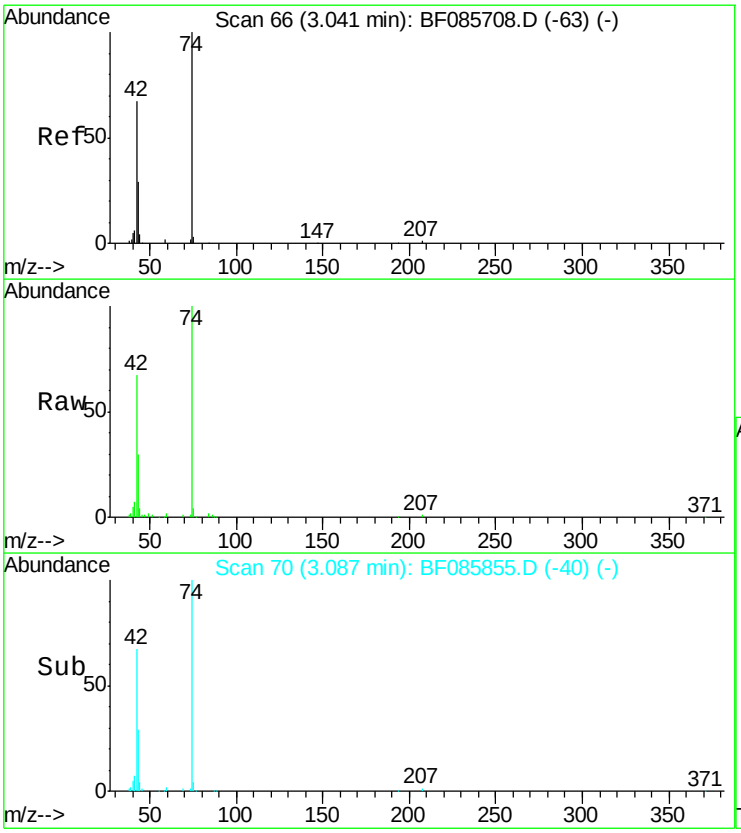
#3
Pyridine
Concen: 37.69 ng
RT: 3.14 min Scan# 75
Delta R.T. 0.05 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 79 Resp: 285485

Ion	Ratio	Lower	Upper
79	100		
52	62.5	49.8	74.6
51	31.8	24.7	37.1

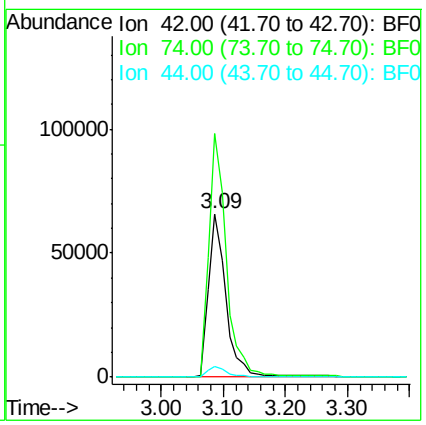


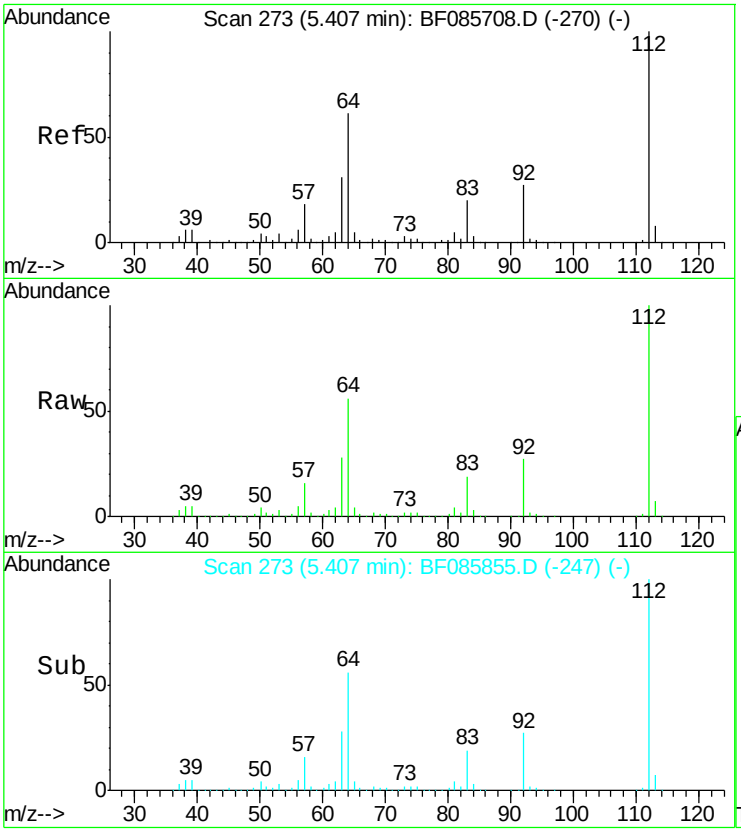


#4
n-Nitrosodimethylamine
Concen: 42.58 ng
RT: 3.09 min Scan# 70
Delta R.T. 0.05 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 42 Resp: 129114

Ion	Ratio	Lower	Upper
42	100		
74	149.3	121.4	182.2
44	6.6	5.6	8.4



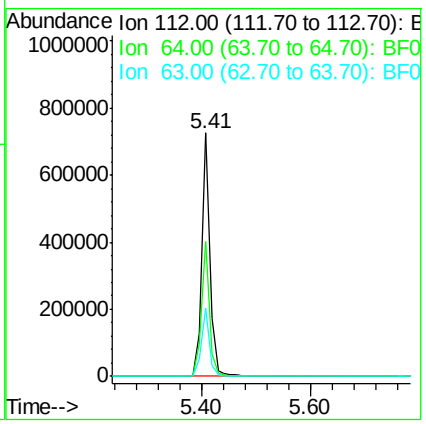


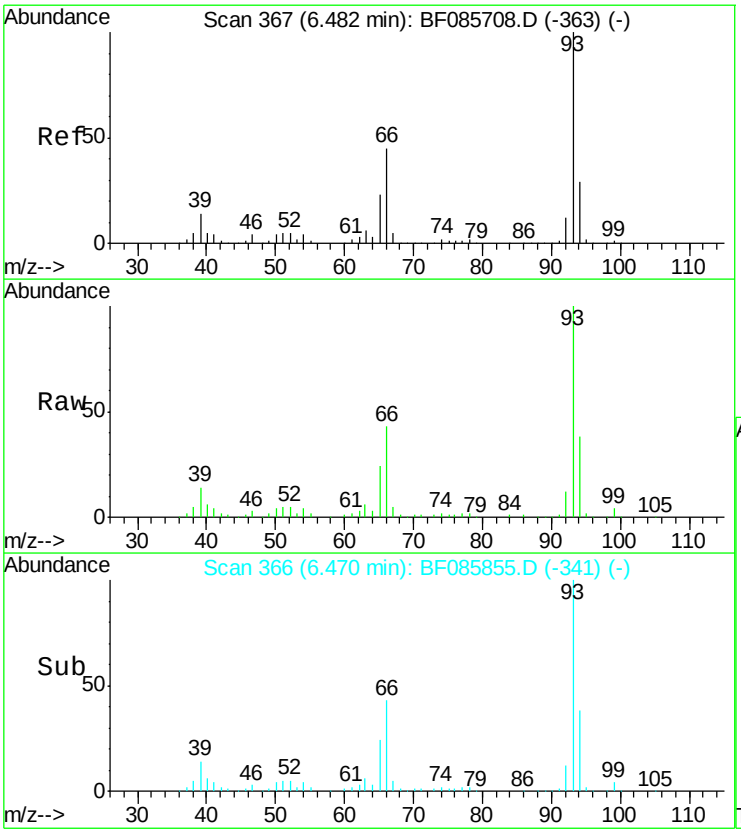
#5
2-Fluorophenol
Concen: 111.84 ng
RT: 5.41 min Scan# 273
Delta R.T. 0.00 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:112 Resp: 739947

Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.9	59.9
63	28.1	20.2	30.2

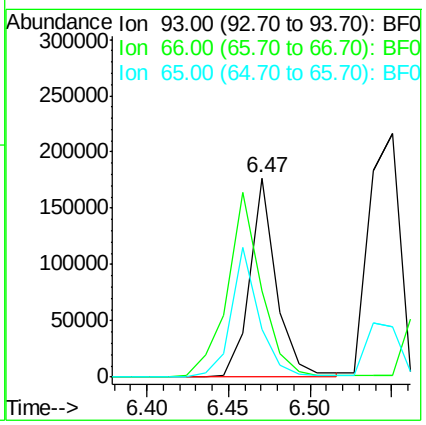


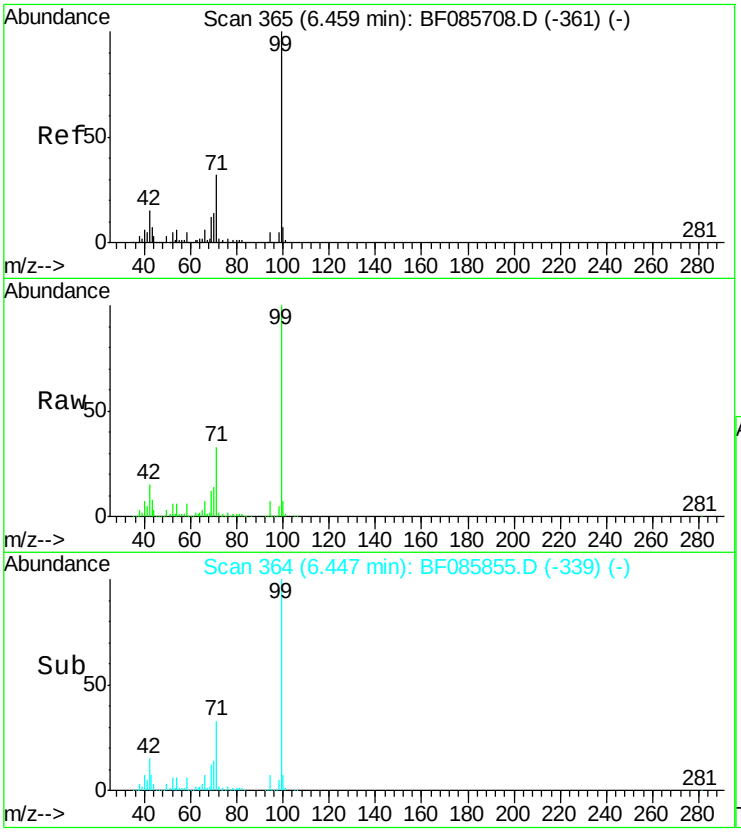


#6
Aniline
Concen: 17.74 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 93 Resp: 200891

Ion	Ratio	Lower	Upper
93	100		
66	43.3	31.4	47.2
65	23.7	15.7	23.5#



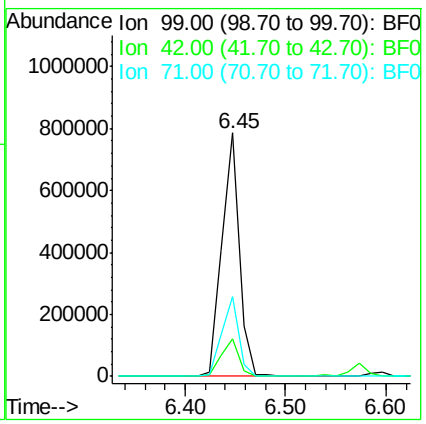


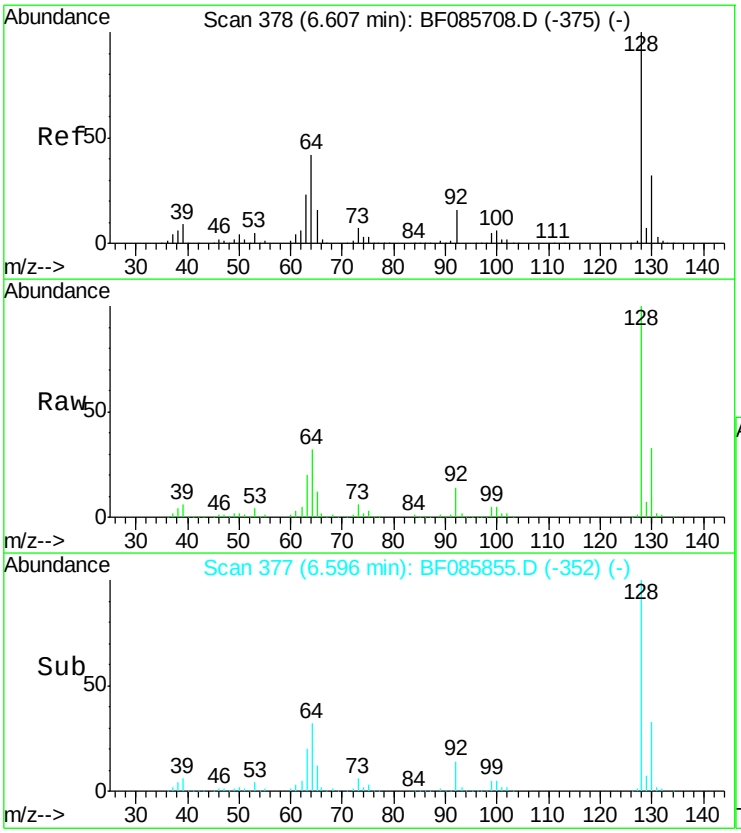
#7
Phenol-d6
Concen: 113.22 ng
RT: 6.45 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 99 Resp: 952399

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.1	16.7
71	32.8	24.9	37.3

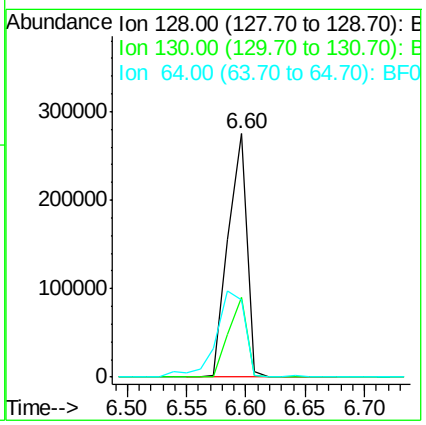


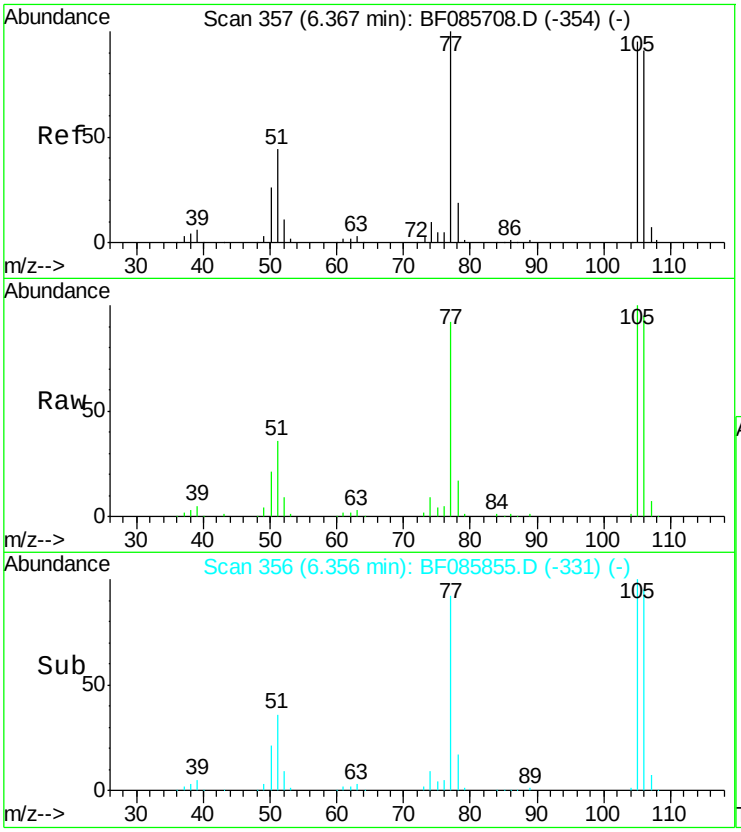


#8
2-Chlorophenol
Concen: 39.35 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:128 Resp: 302489

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	31.6	20.2	60.2



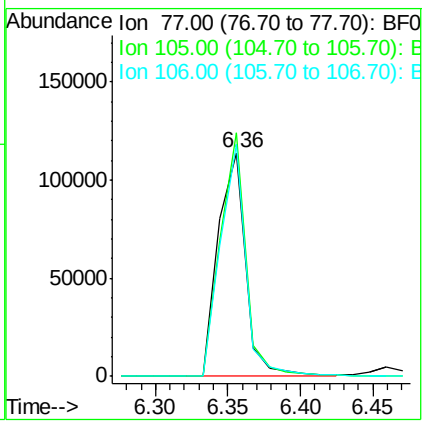


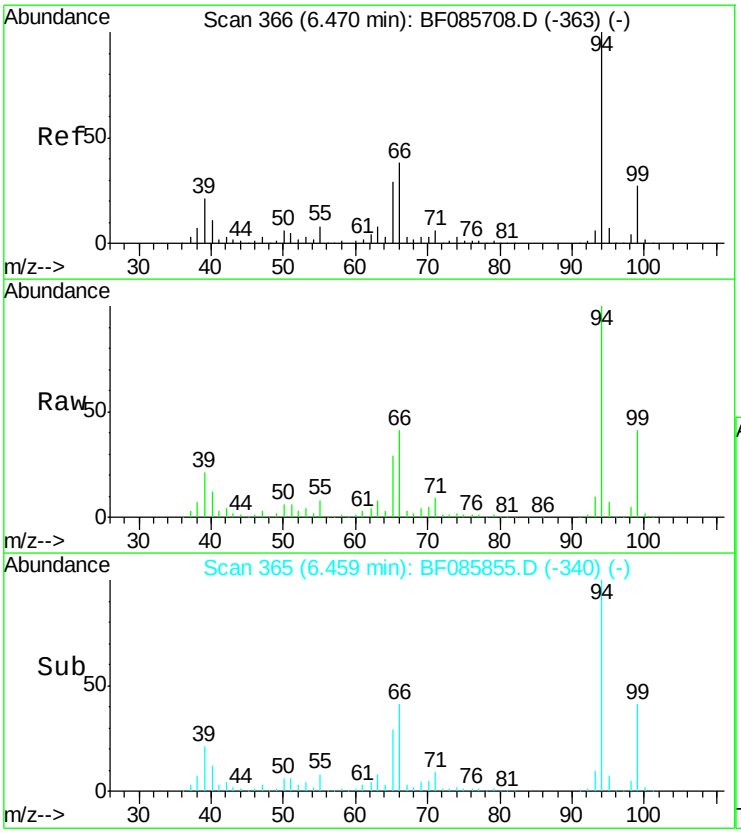
#9
Benzaldehyde
Concen: 29.66 ng
RT: 6.36 min Scan# 356
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 77 Resp: 150303

Ion	Ratio	Lower	Upper
77	100		
105	108.9	80.1	120.1
106	104.0	75.0	115.0

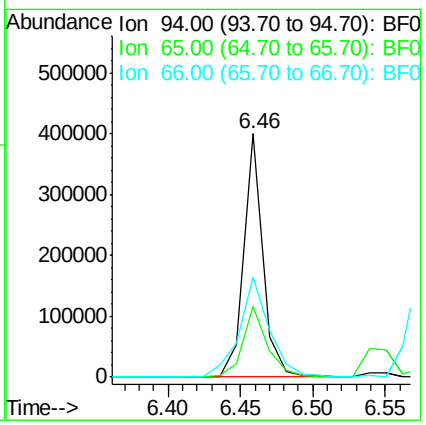


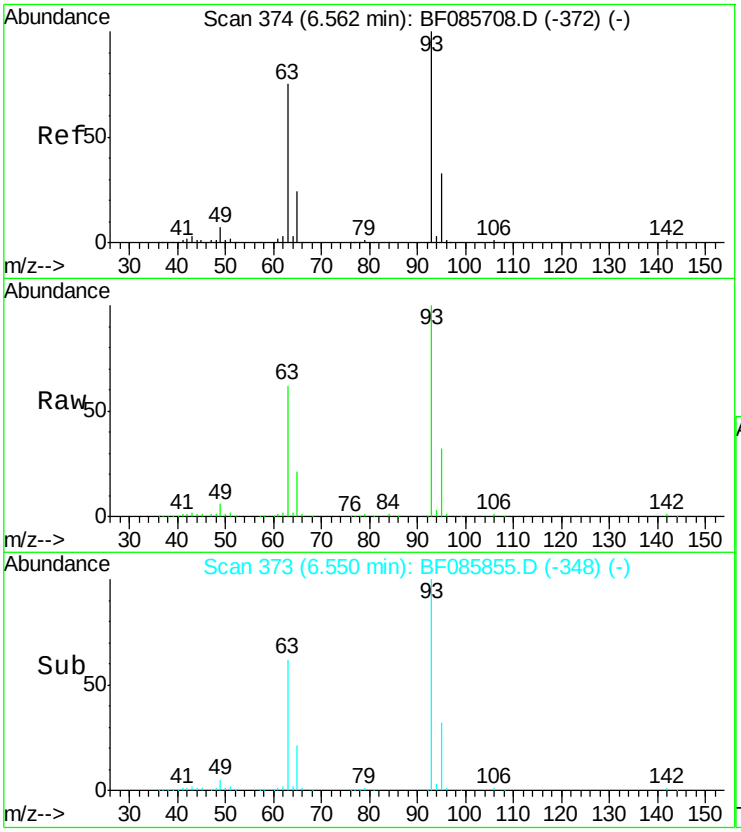


#10
Phenol
Concen: 38.62 ng
RT: 6.46 min Scan# 365
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 94 Resp: 368024

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.6	48.6
66	41.1	20.0	60.0



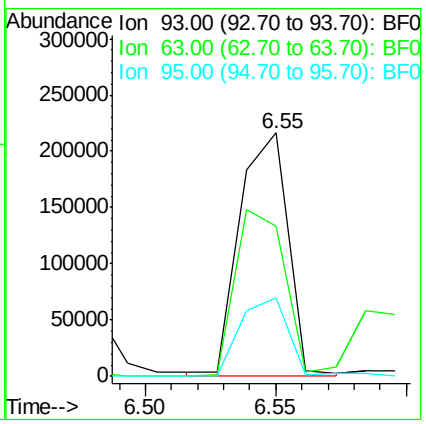


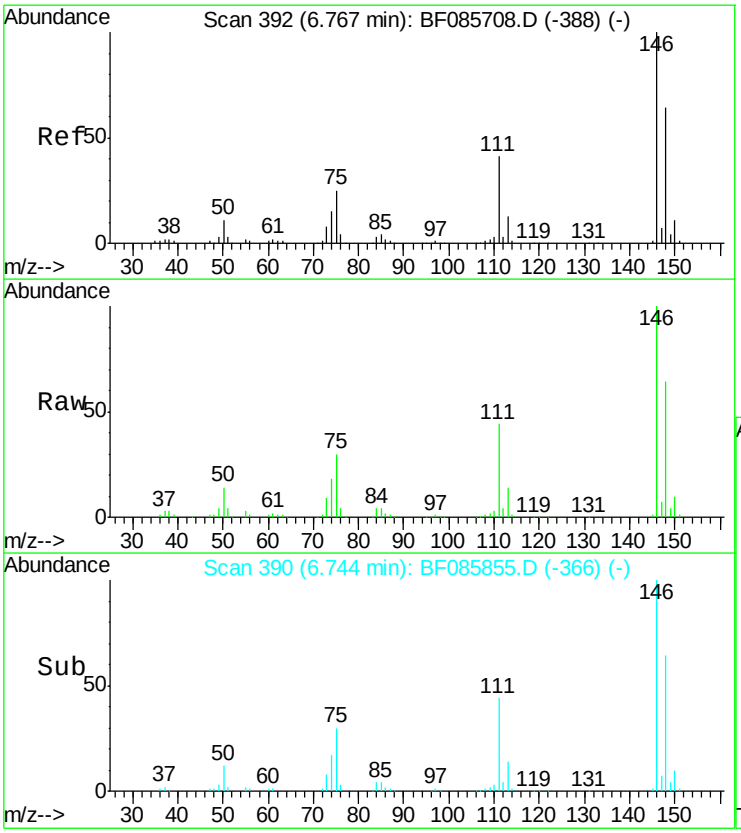
#11
bis(2-Chloroethyl)ether
Concen: 38.36 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 93 Resp: 281337

Ion	Ratio	Lower	Upper
93	100		
63	61.8	50.9	90.9
95	32.4	13.3	53.3

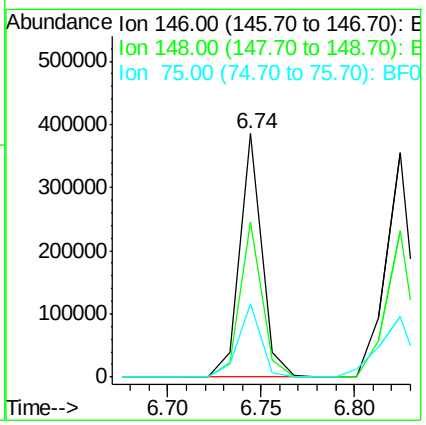


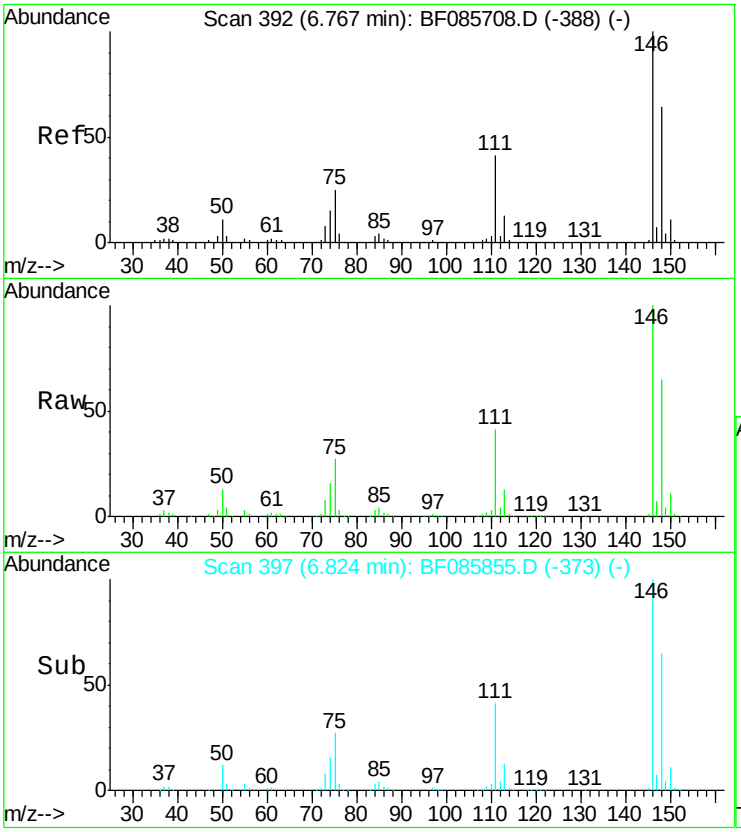


#12
1,3-Dichlorobenzene
Concen: 38.81 ng
RT: 6.74 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:146 Resp: 321267

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
75	30.0	17.4	26.2#



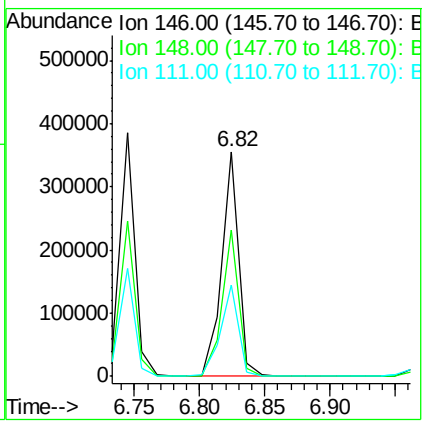


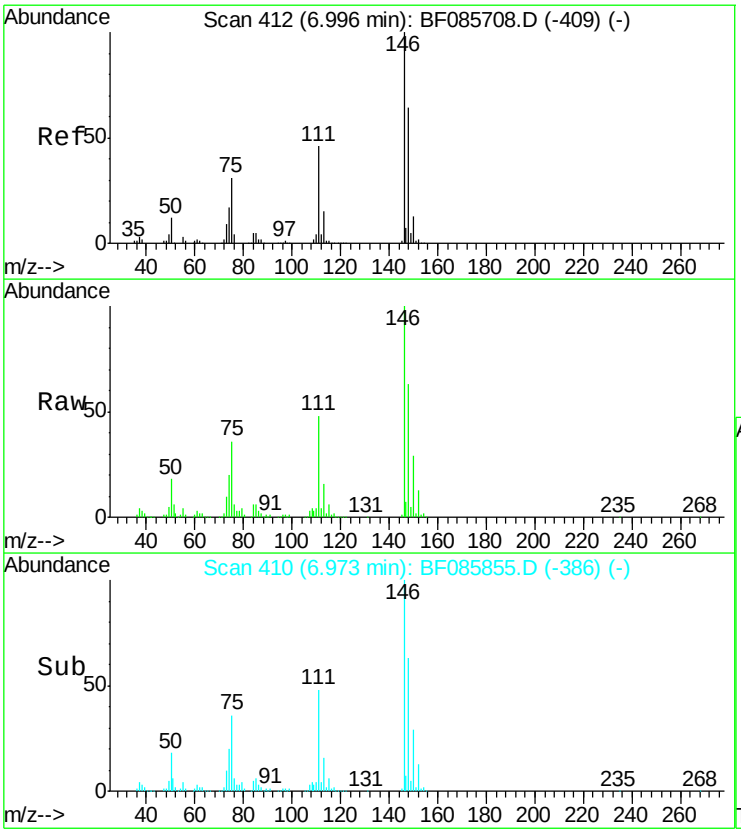
#13
1,4-Dichlorobenzene
Concen: 38.87 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:146 Resp: 326299

Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	76.0
111	40.9	37.8	56.6

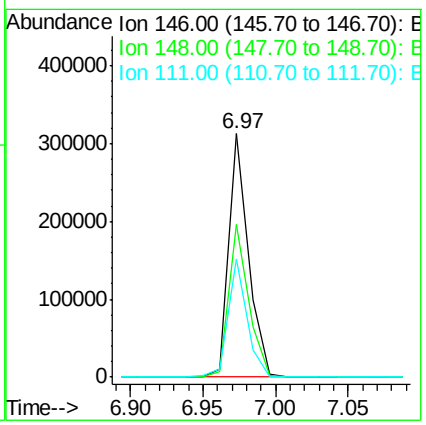


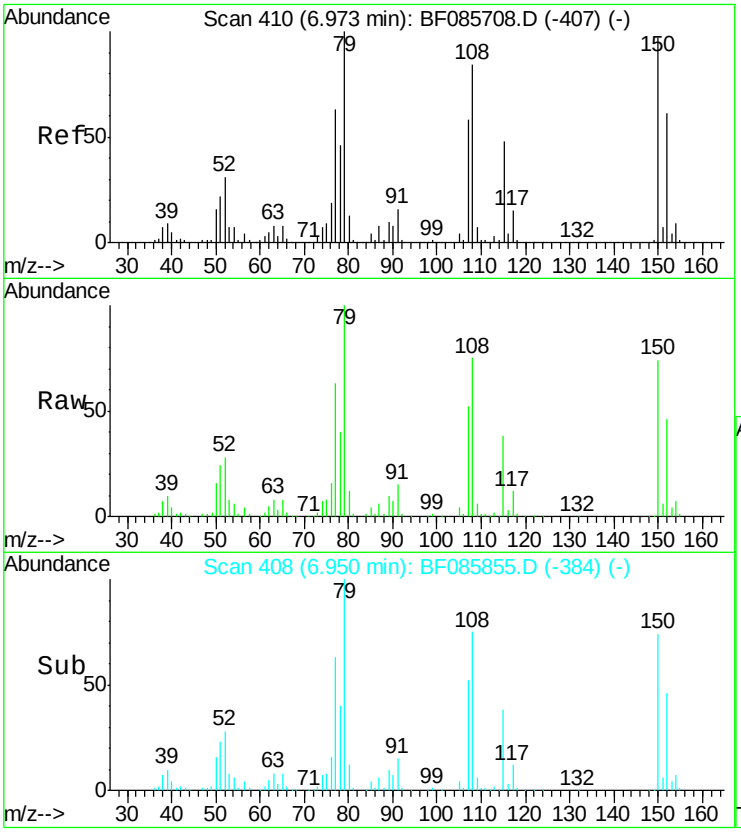


#14
1,2-Dichlorobenzene
Concen: 37.34 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:146 Resp: 292161

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.4	77.2
111	48.3	34.6	52.0



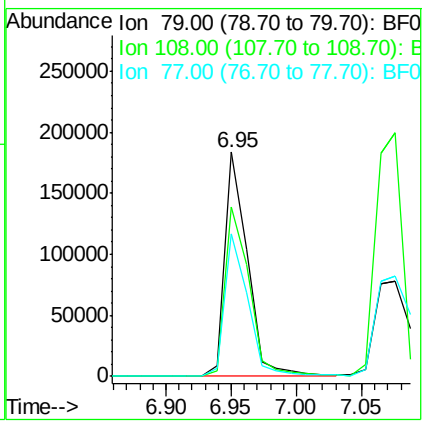


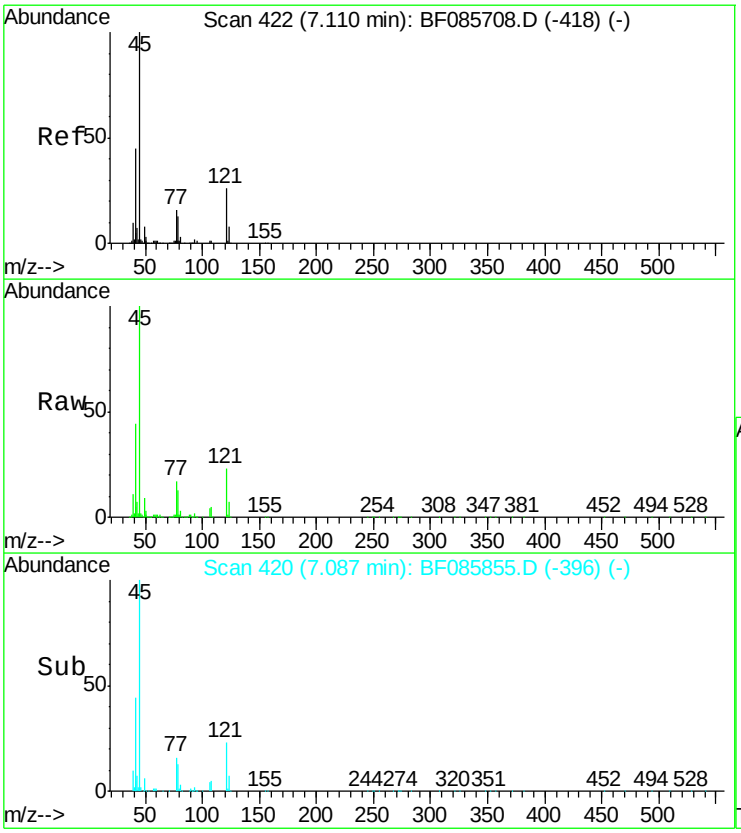
#15
Benzyl Alcohol
Concen: 39.76 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 79 Resp: 223141

Ion	Ratio	Lower	Upper
79	100		
108	75.3	61.8	92.6
77	63.4	49.6	74.4

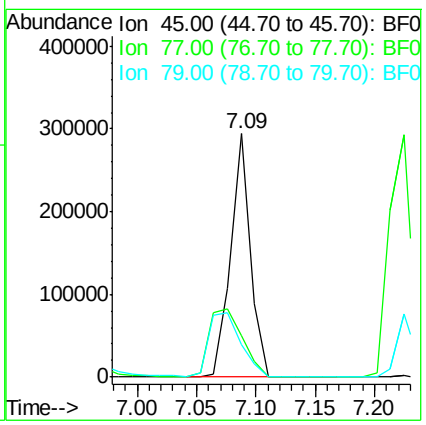


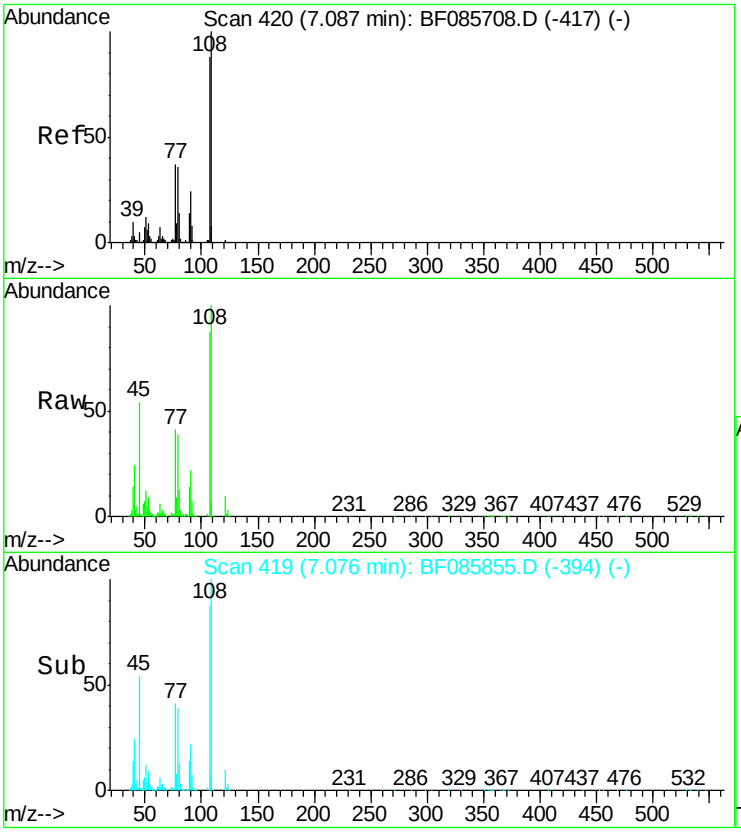


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.94 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 45 Resp: 339980

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	35.7
79	13.4	0.0	32.2



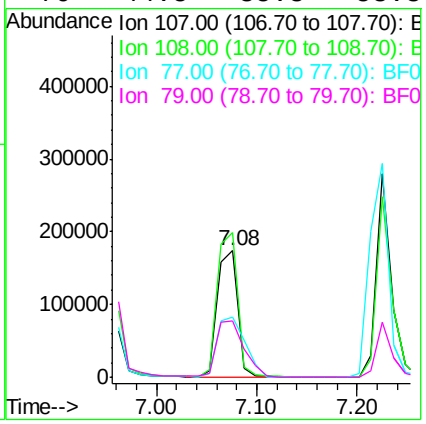


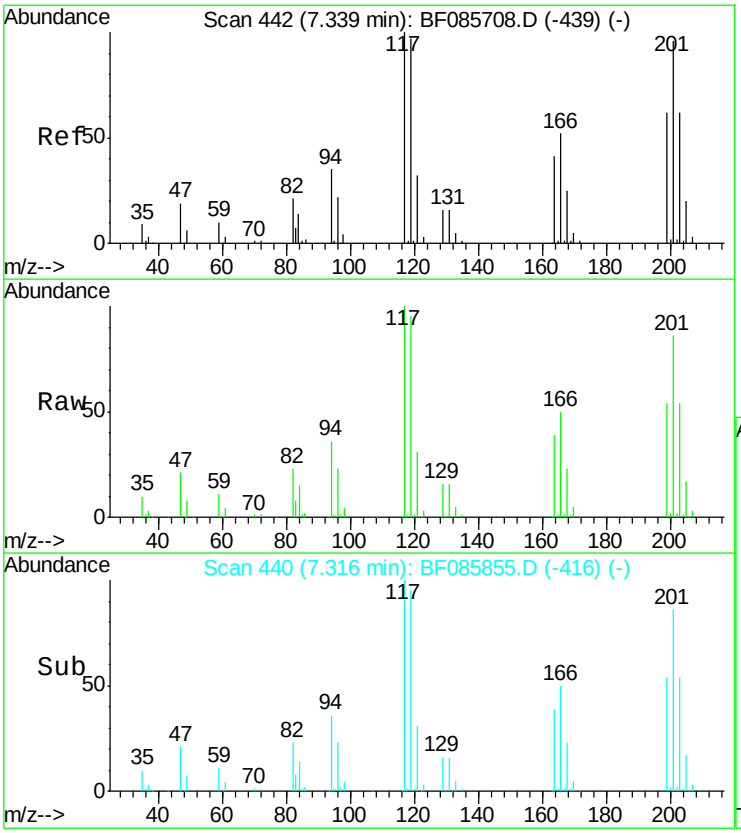
#17
2-Methylphenol
Concen: 40.23 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:107 Resp: 247581

Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.4	137.0
77	47.1	36.2	54.2
79	44.5	35.8	53.8

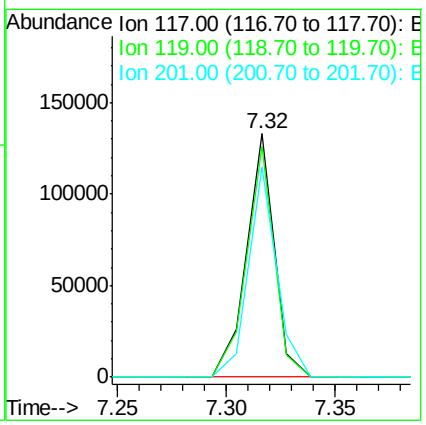


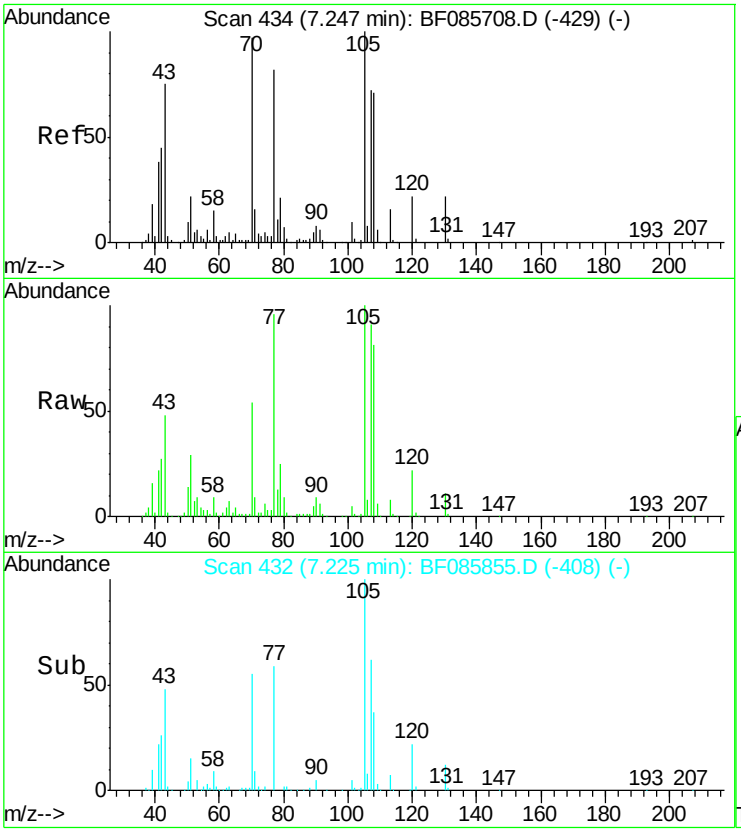


#18
Hexachloroethane
Concen: 38.38 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:117 Resp: 117983

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.7	115.1
201	86.2	83.3	124.9



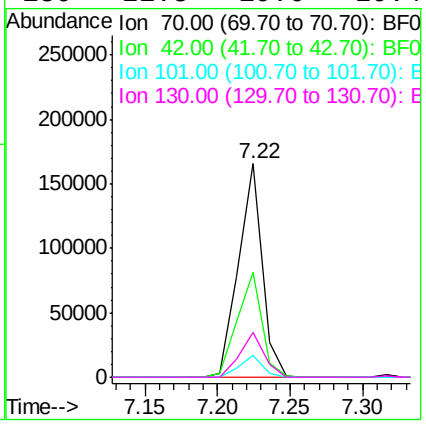


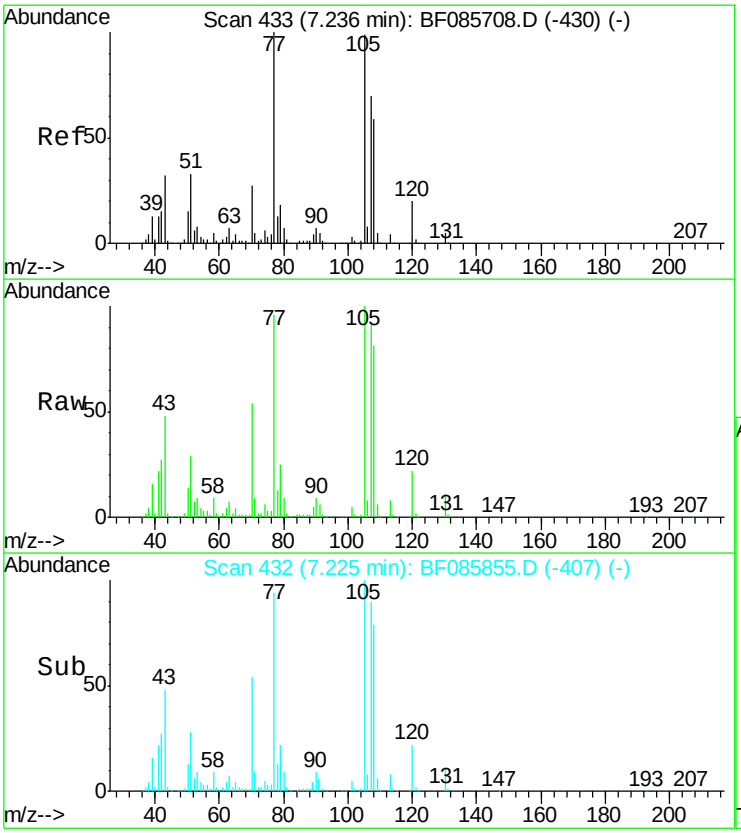
#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 70 Resp: 189029

Ion	Ratio	Lower	Upper
70	100		
42	49.2	37.1	55.7
101	10.1	8.6	12.8
130	21.3	19.6	29.4

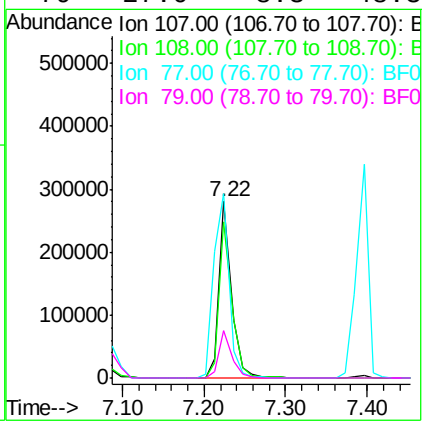


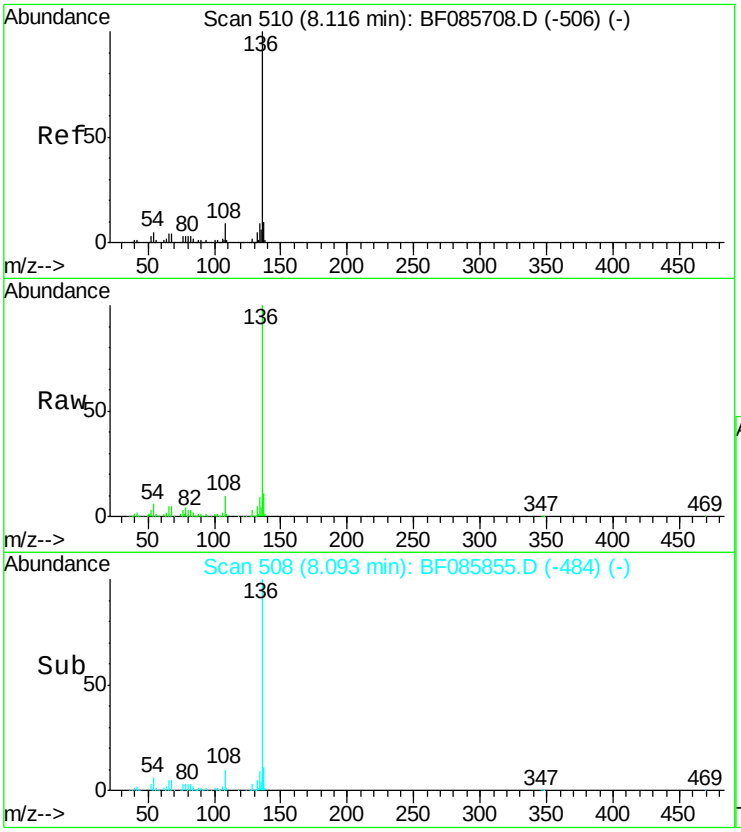


#20
3+4-Methylphenols
Concen: 40.32 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:107 Resp: 298340

Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.3	109.3
77	104.7	101.7	141.7
79	27.0	8.3	48.3



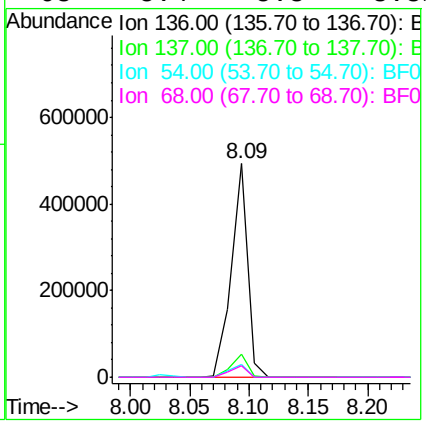


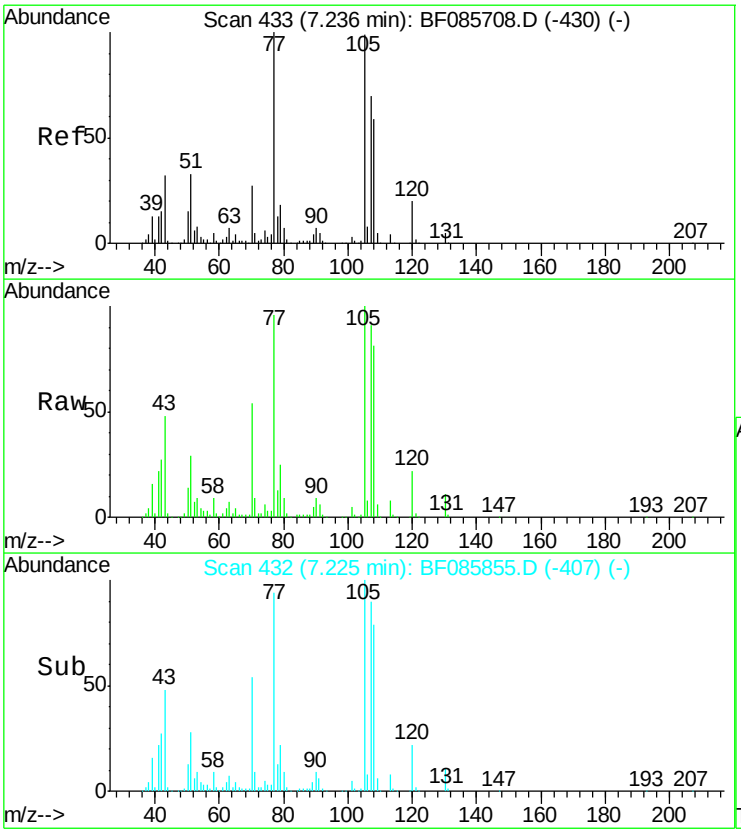
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:136 Resp: 472328

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	7.4	11.0#
68	5.4	5.8	8.8#

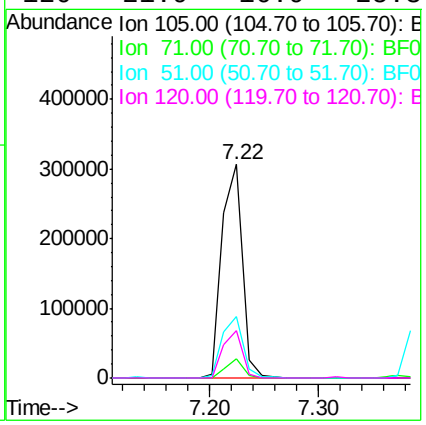


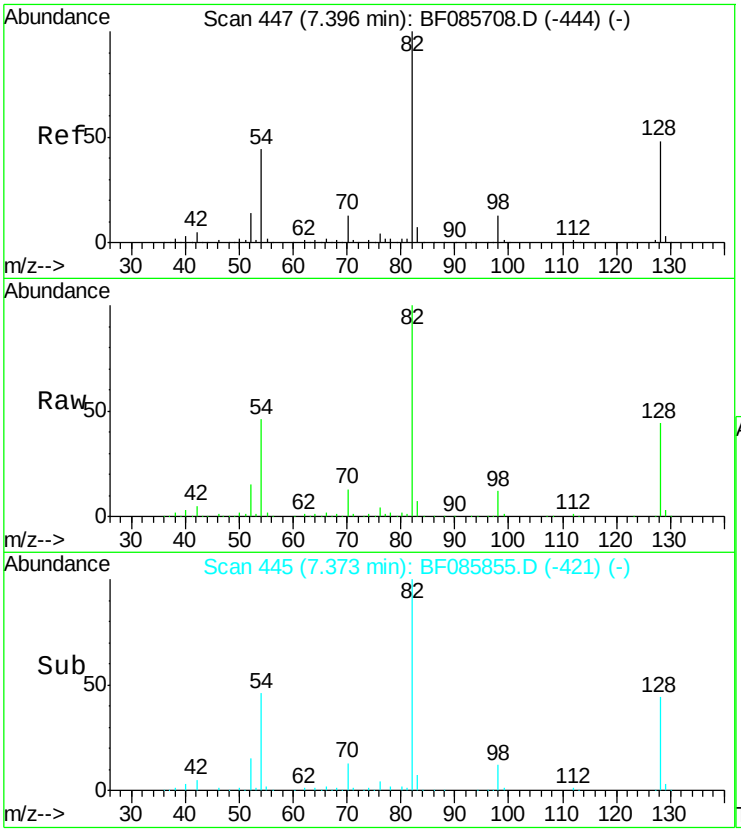


#22
Acetophenone
Concen: 36.17 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:105 Resp: 397965

Ion	Ratio	Lower	Upper
105	100		
71	8.9	3.6	5.4#
51	28.7	25.4	38.0
120	21.9	16.9	25.3



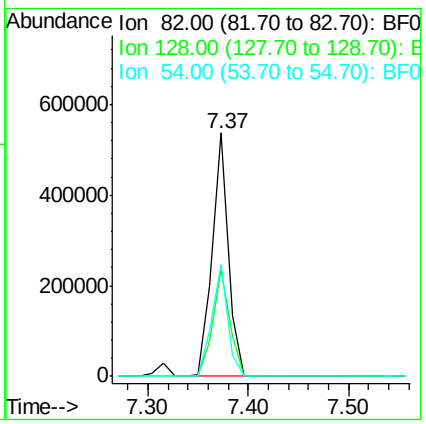


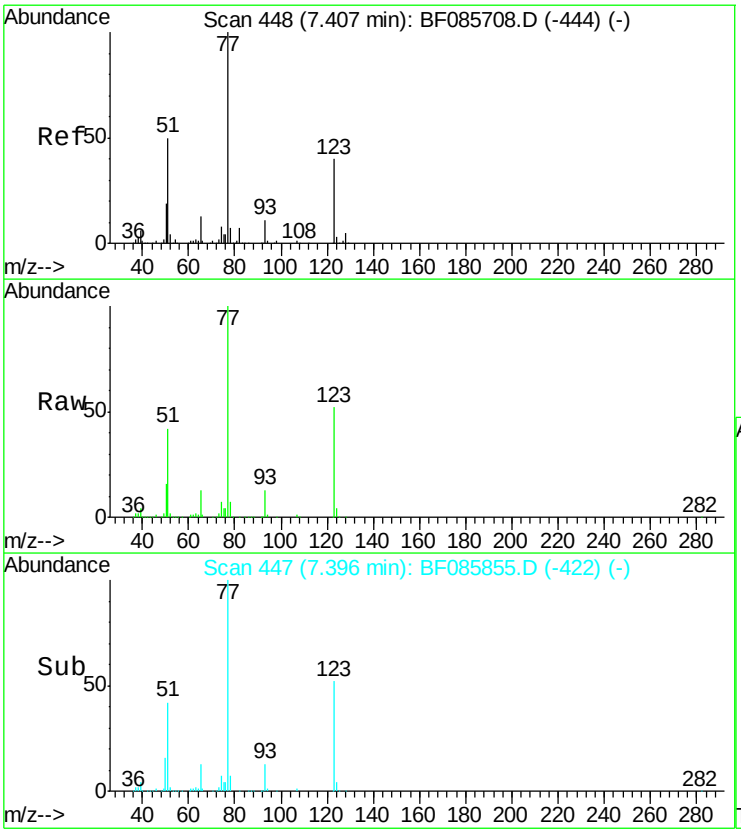
#23
Nitrobenzene-d5
Concen: 72.04 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 82 Resp: 604222

Ion	Ratio	Lower	Upper
82	100		
128	43.8	41.8	62.8
54	46.0	33.4	50.0

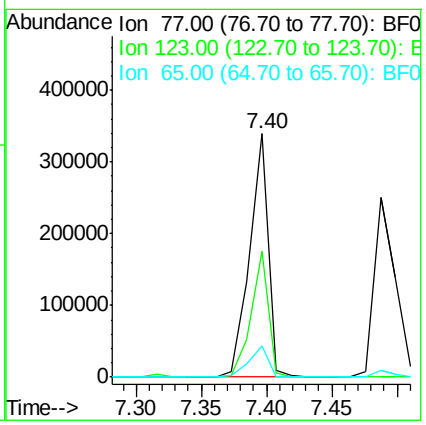


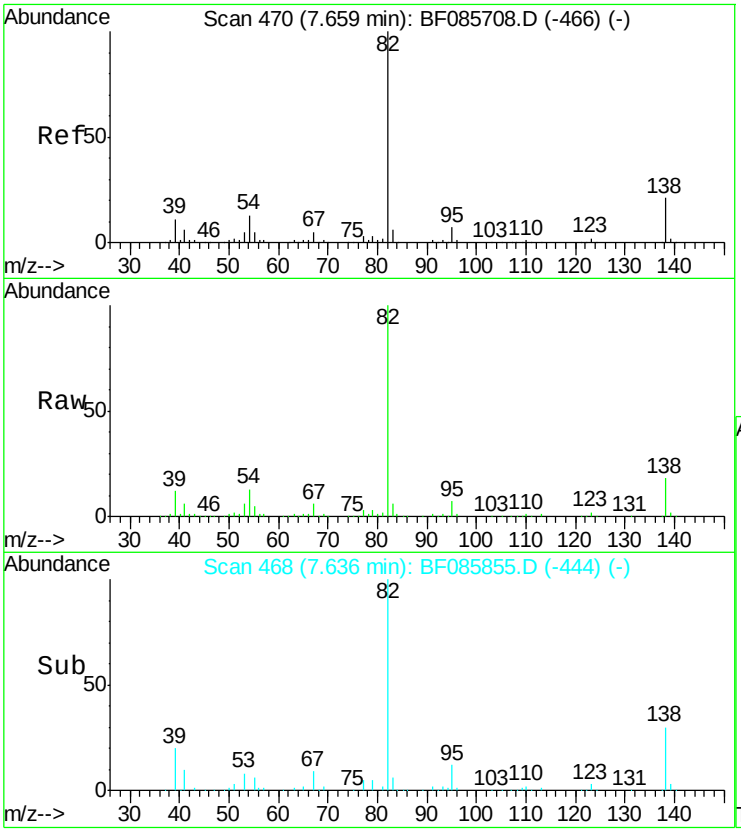


#24
Nitrobenzene
Concen: 39.11 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 77 Resp: 338128

Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.0	52.4
65	12.7	10.6	16.0



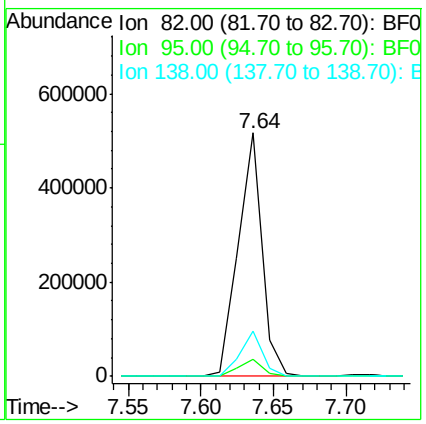


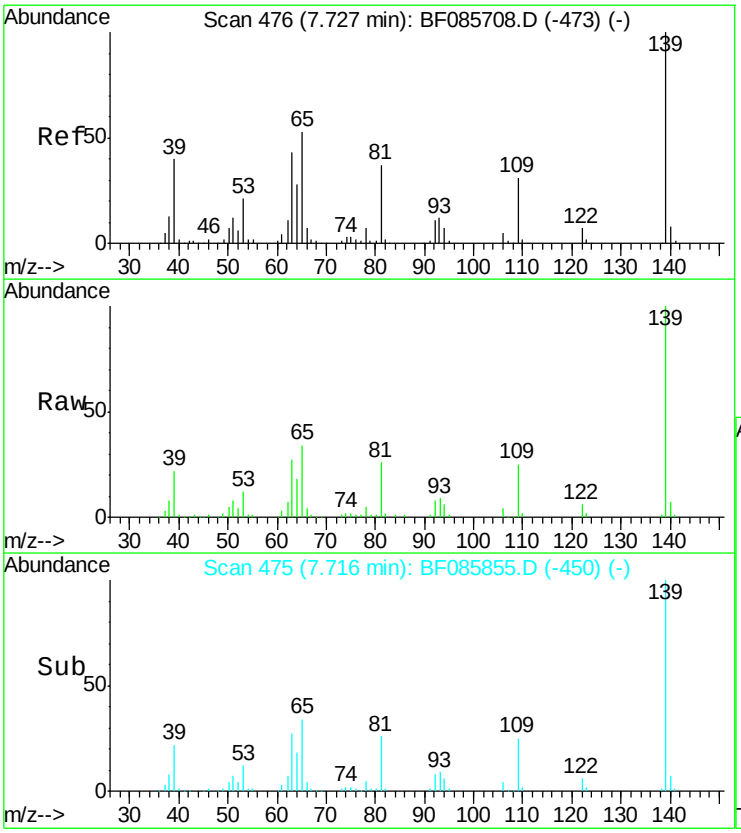
#25
Isophorone
Concen: 36.64 ng
RT: 7.64 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 82 Resp: 592010

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.5	12.9	19.3

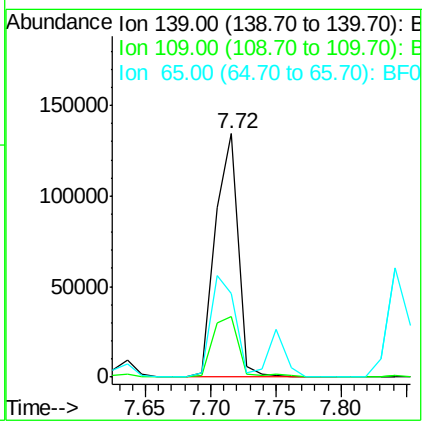


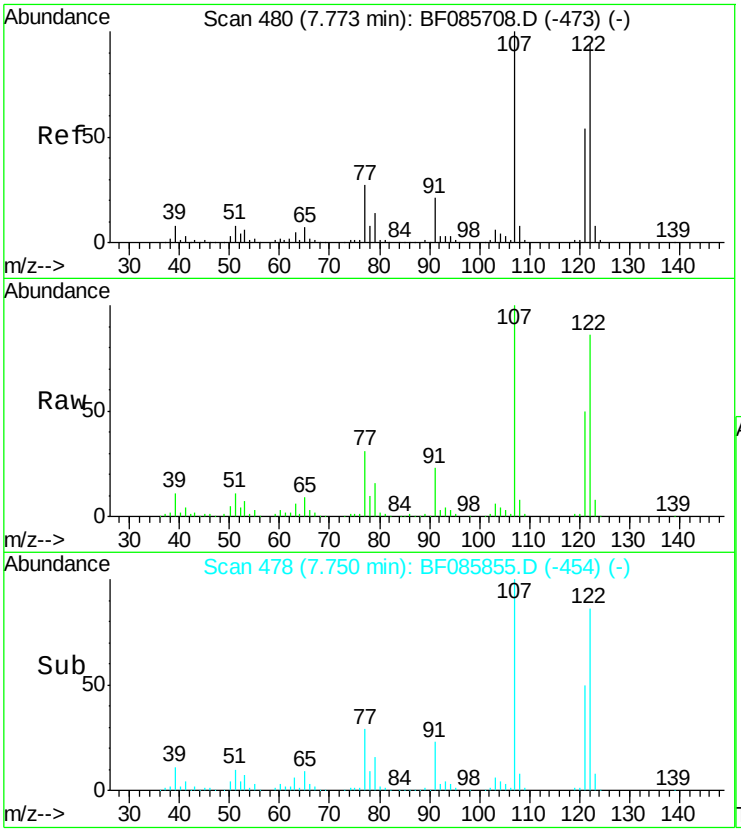


#26
2-Nitrophenol
Concen: 38.10 ng
RT: 7.72 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:139 Resp: 164786

Ion	Ratio	Lower	Upper
139	100		
109	24.9	22.1	33.1
65	34.1	33.9	50.9



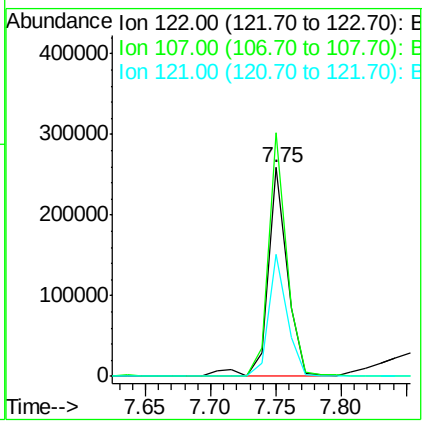


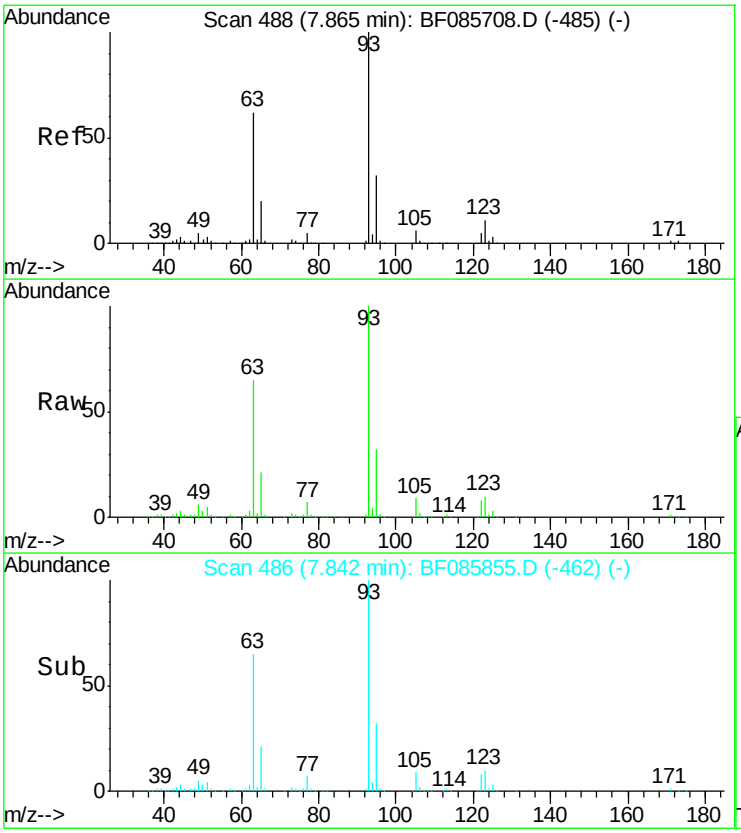
#27
2,4-Dimethylphenol
Concen: 35.84 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:122 Resp: 270962

Ion	Ratio	Lower	Upper
122	100		
107	116.7	93.0	139.6
121	58.5	45.9	68.9

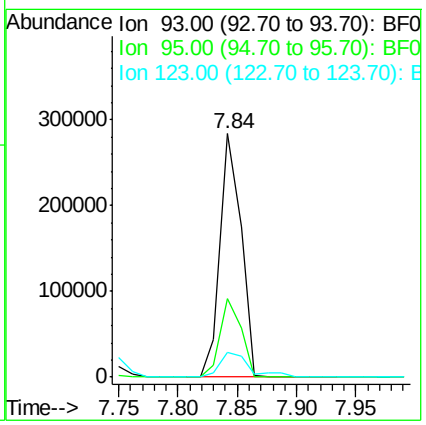


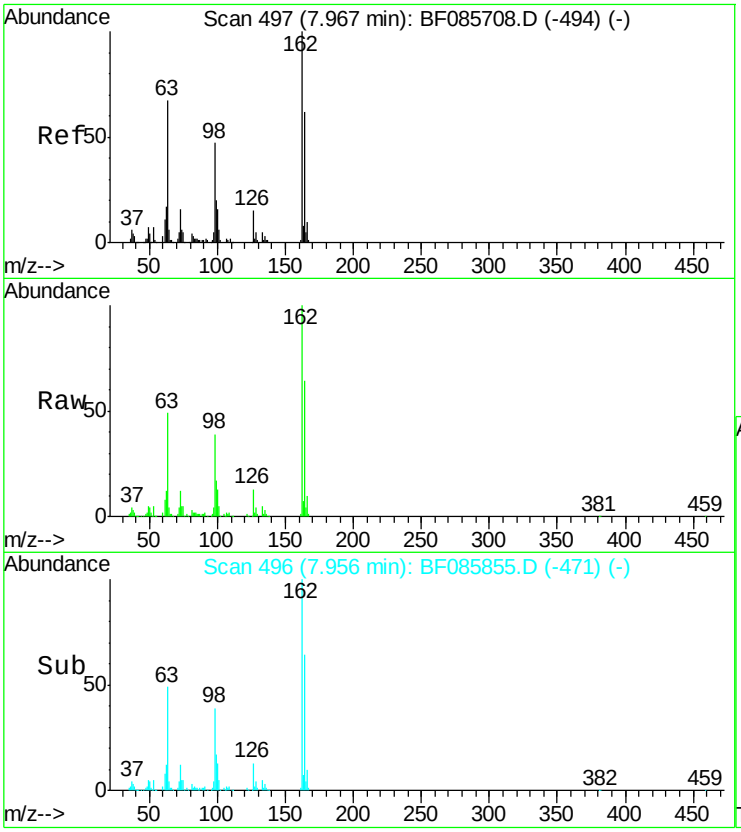


#28
bis(2-Chloroethoxy)methane
Concen: 37.82 ng
RT: 7.84 min Scan# 486
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 93 Resp: 348149

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.4	39.6
123	10.2	9.8	14.6



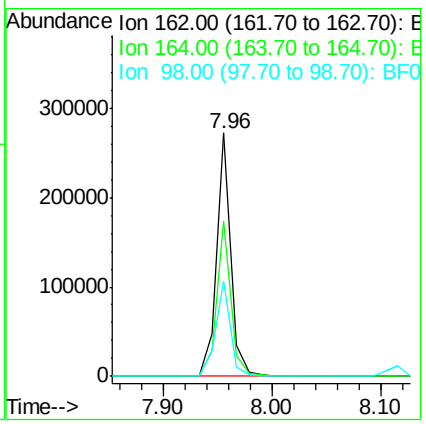


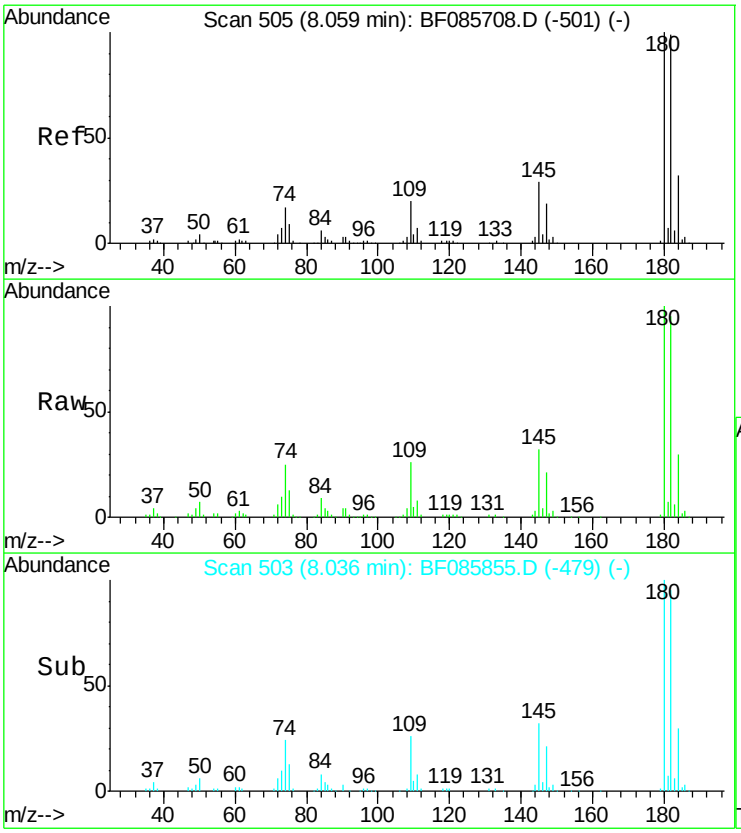
#29
2,4-Dichlorophenol
Concen: 39.36 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:162 Resp: 250168

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.7	83.7
98	38.9	20.4	60.4

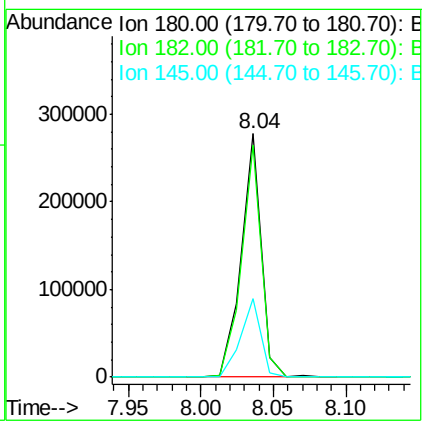


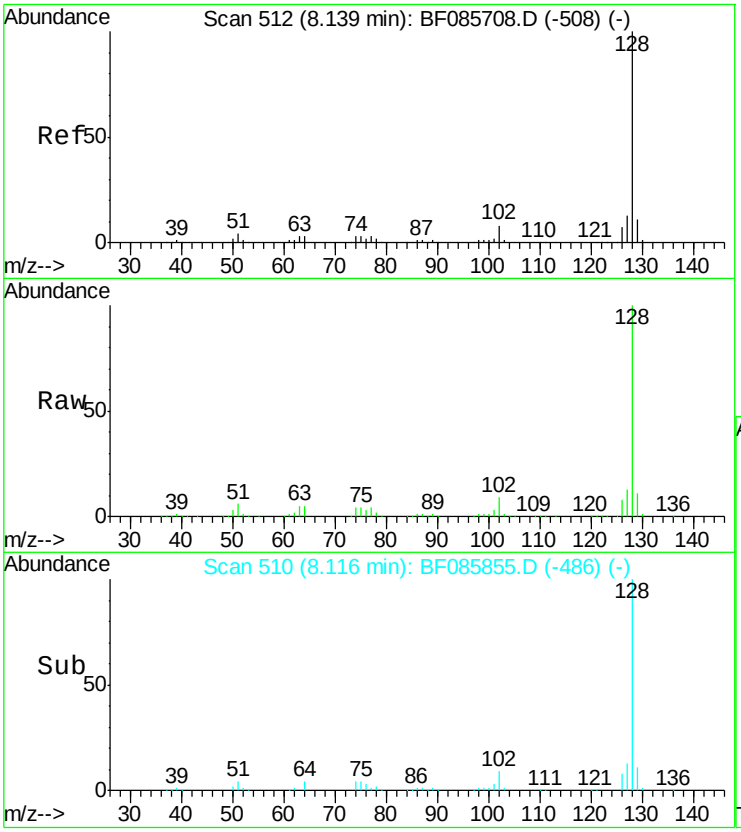


#30
1,2,4-Trichlorobenzene
Concen: 37.74 ng
RT: 8.04 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:180 Resp: 266333

Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.8	110.8
145	32.1	28.4	42.6



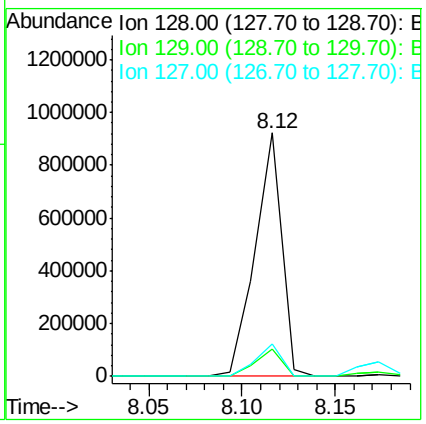


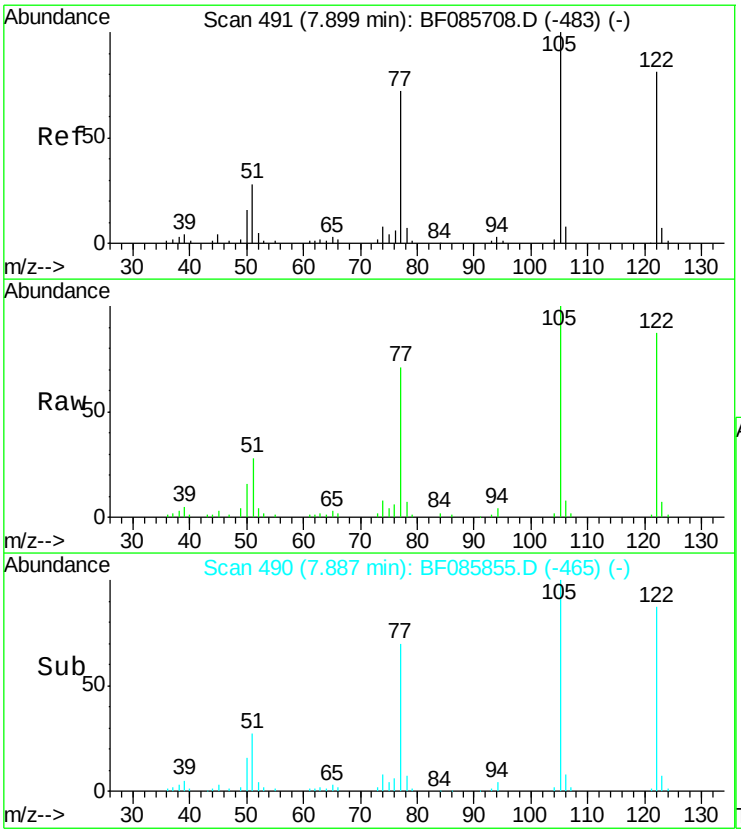
#31
Naphthalene
Concen: 38.29 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:128 Resp: 911316

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.4	11.0	16.6

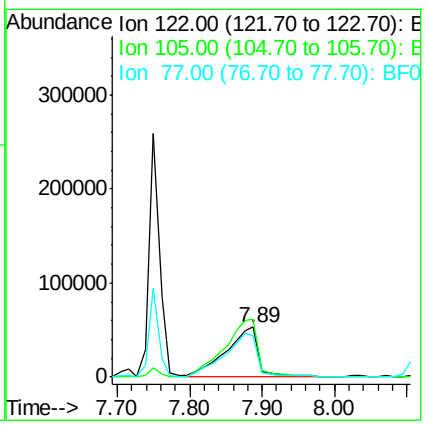


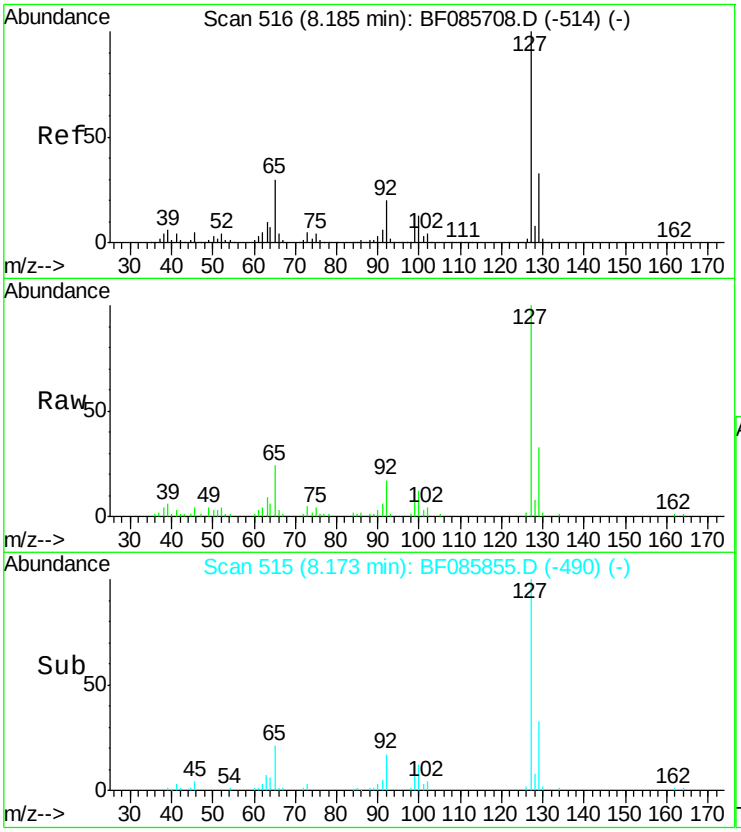


#32
Benzoic acid
Concen: 32.46 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:122 Resp: 162994

Ion	Ratio	Lower	Upper
122	100		
105	115.3	102.9	142.9
77	82.0	71.8	111.8



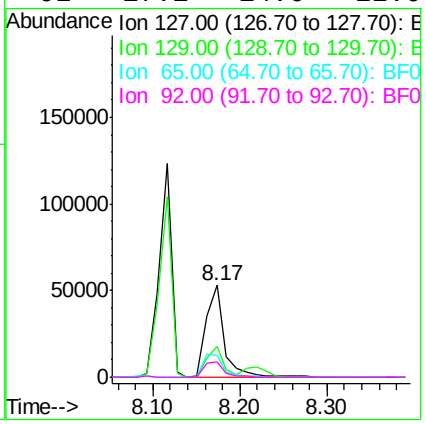


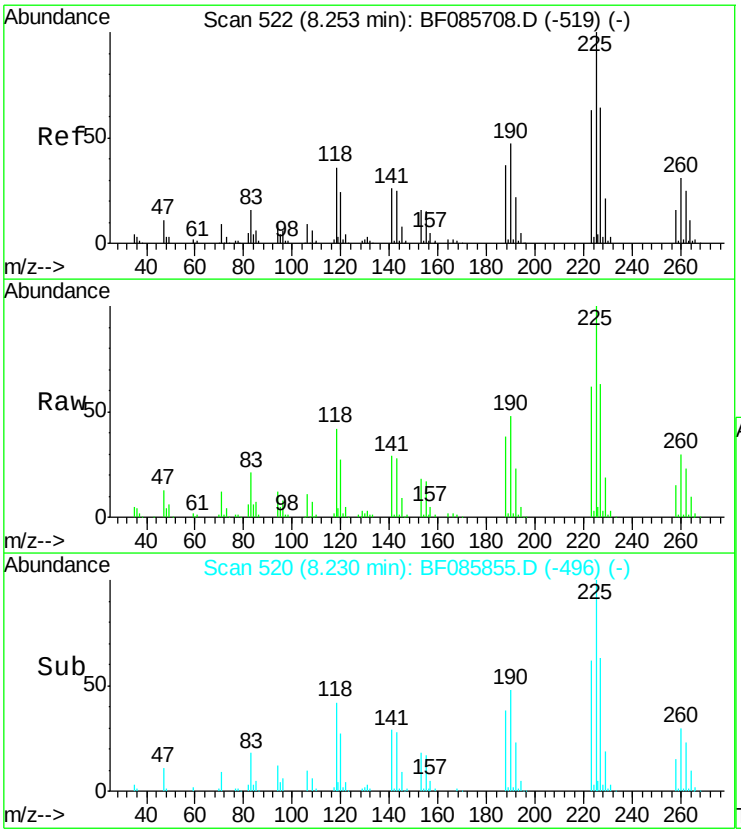
#33
4-Chloroaniline
Concen: 8.06 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:127 Resp: 78314

Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	24.3	19.5	29.3
92	17.1	14.6	22.0

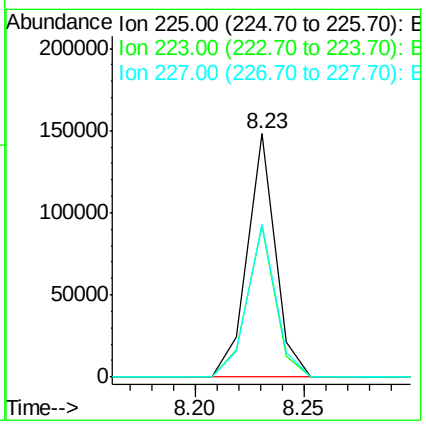


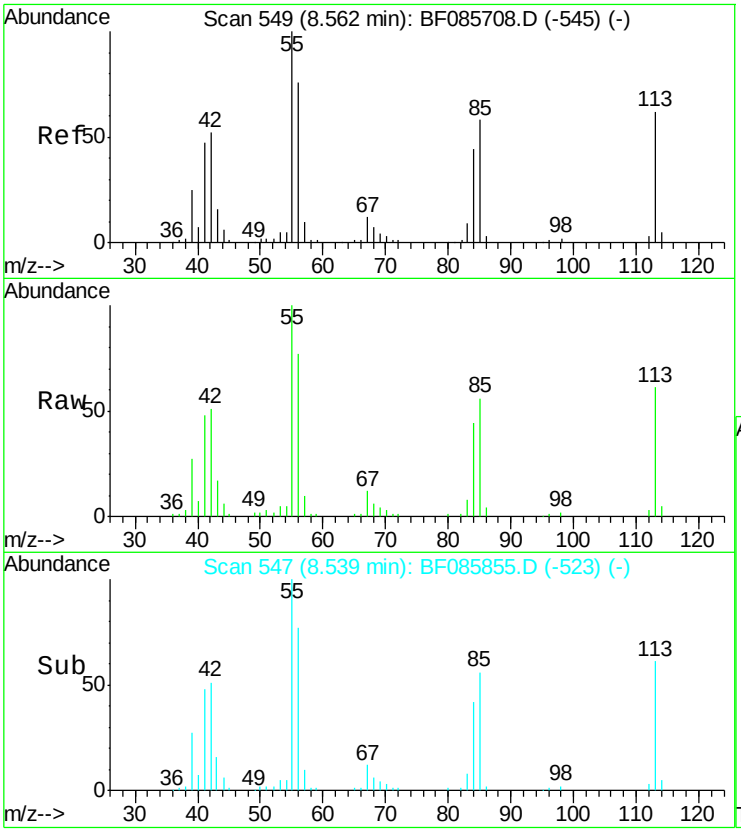


#34
Hexachlorobutadiene
Concen: 34.74 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:225 Resp: 133233

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	62.6	51.4	77.2



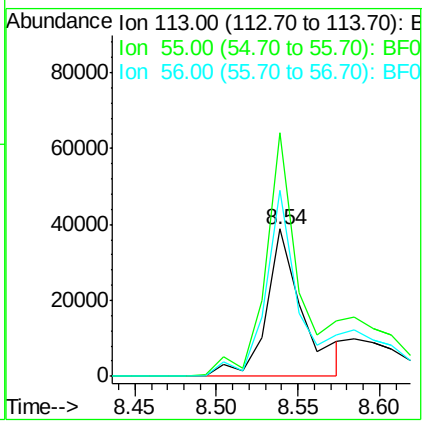


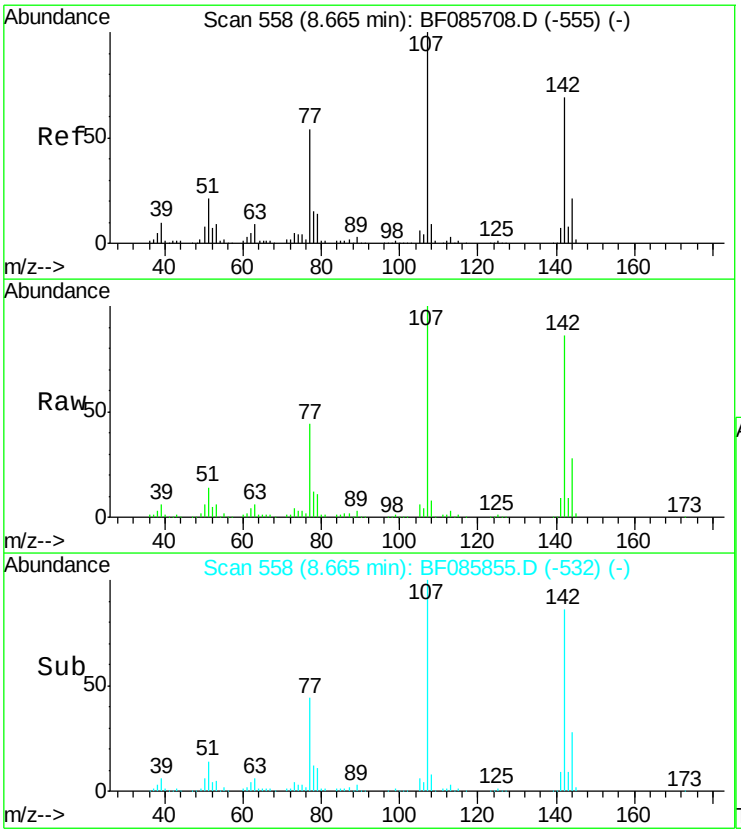
#35
Caprolactam
Concen: 26.95 ng
RT: 8.54 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:113 Resp: 60680

Ion	Ratio	Lower	Upper
113	100		
55	165.1	139.4	179.4
56	126.3	100.4	140.4

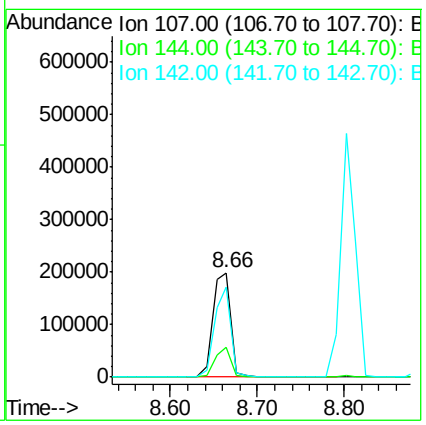


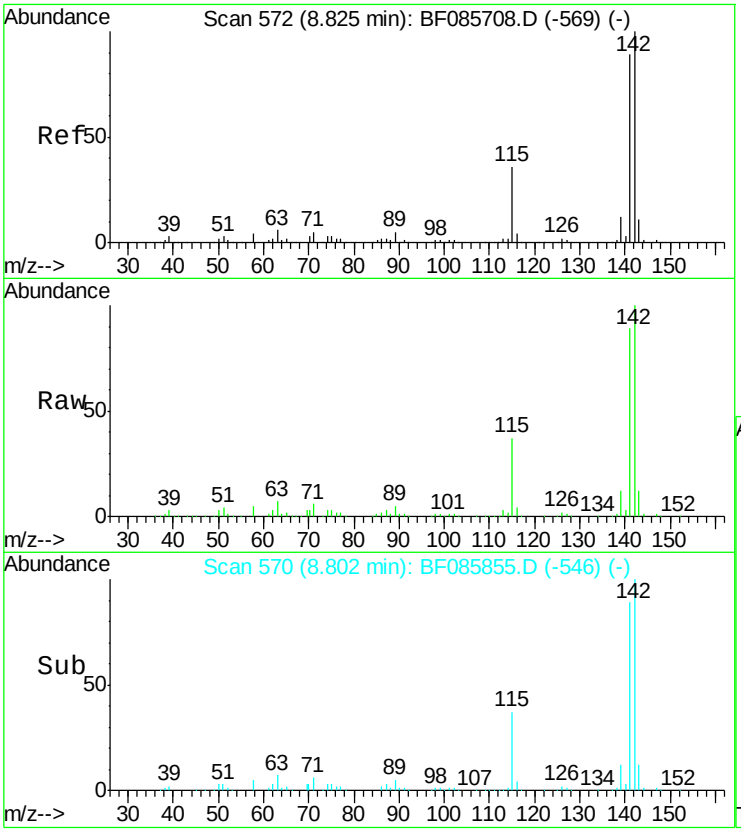


#36
4-Chloro-3-methylphenol
Concen: 39.03 ng
RT: 8.66 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:107 Resp: 289802

Ion	Ratio	Lower	Upper
107	100		
144	28.3	19.3	28.9
142	86.1	61.4	92.0



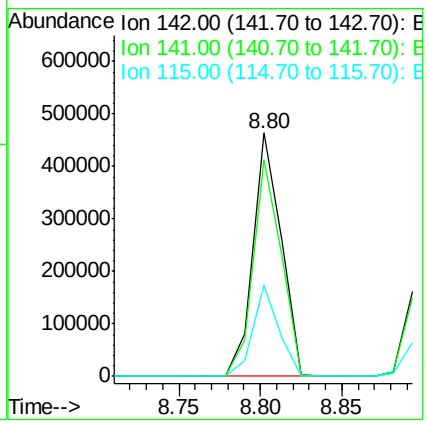


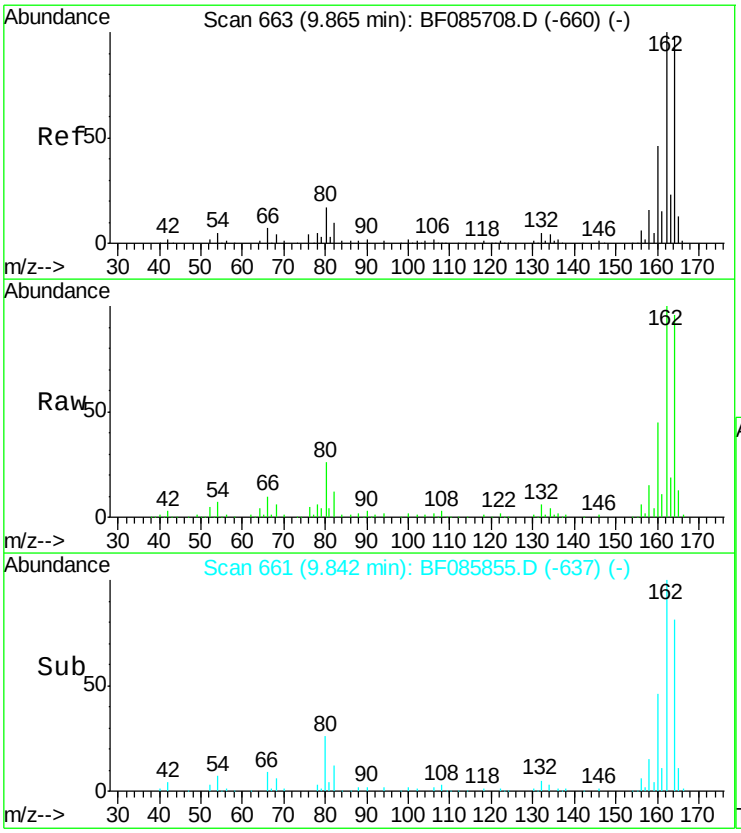
#37
2-Methylnaphthalene
Concen: 38.60 ng
RT: 8.80 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:142 Resp: 554485

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	37.5	26.8	40.2

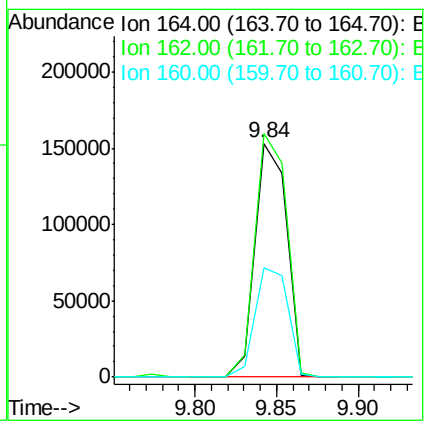


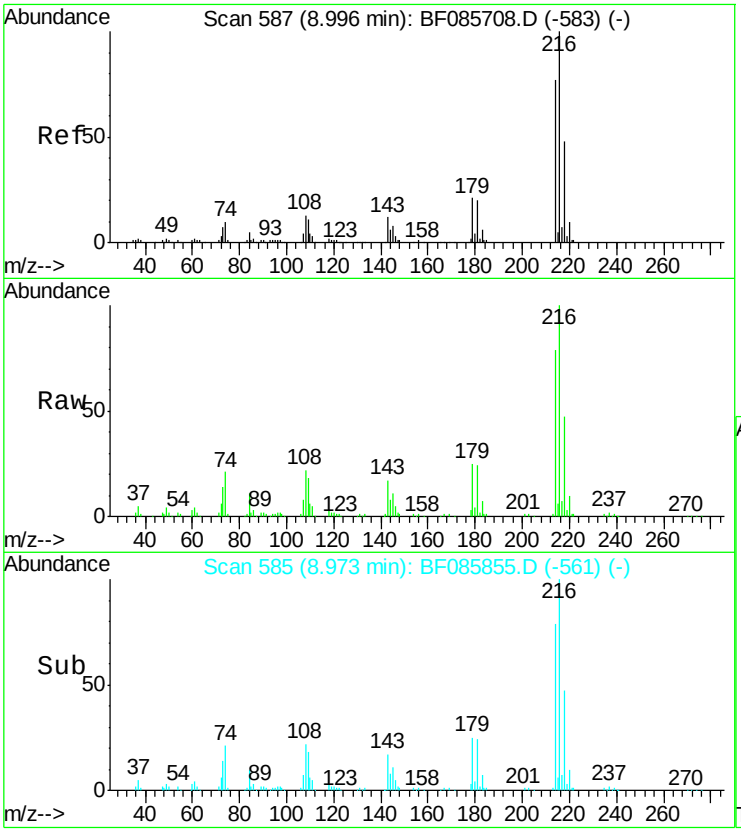


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:164 Resp: 207491

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.1	123.1
160	47.0	37.4	56.2



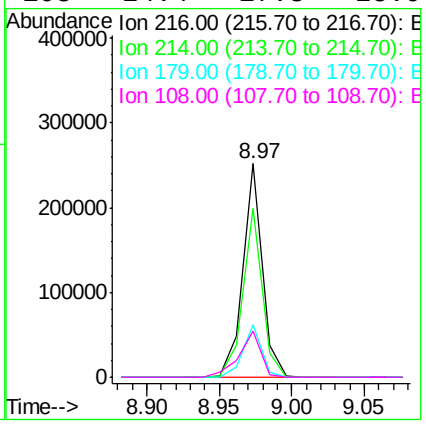


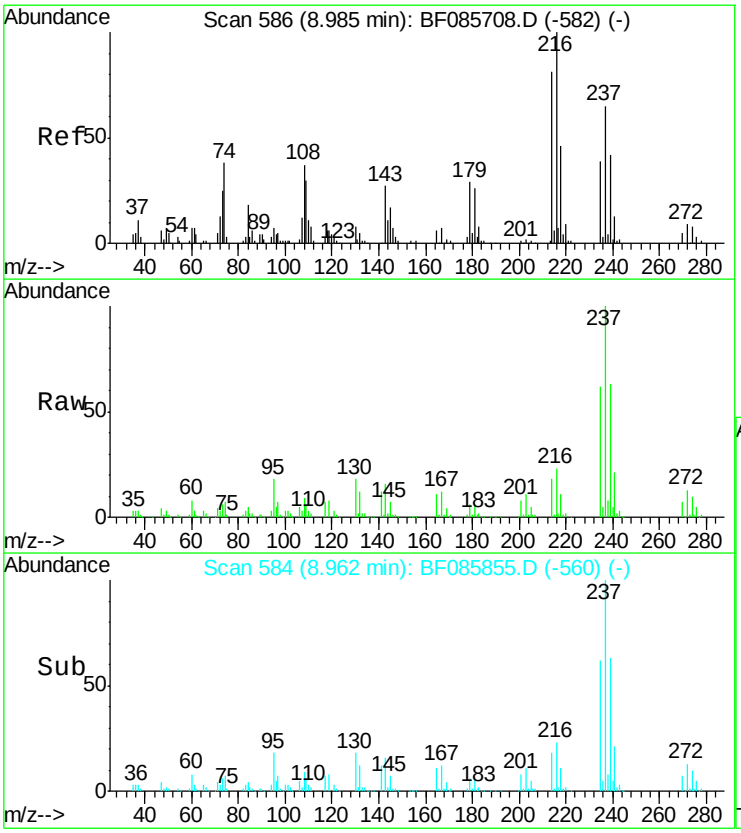
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.99 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:216 Resp: 233753

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.1	94.7
179	23.7	18.2	27.2
108	24.4	17.3	25.9

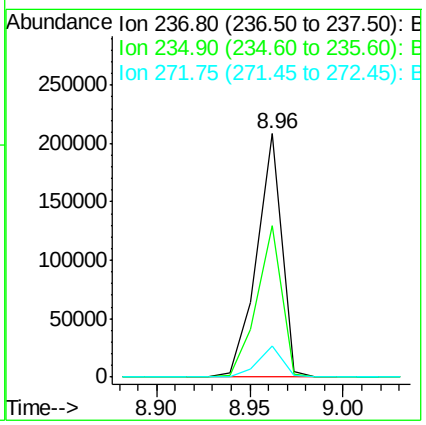


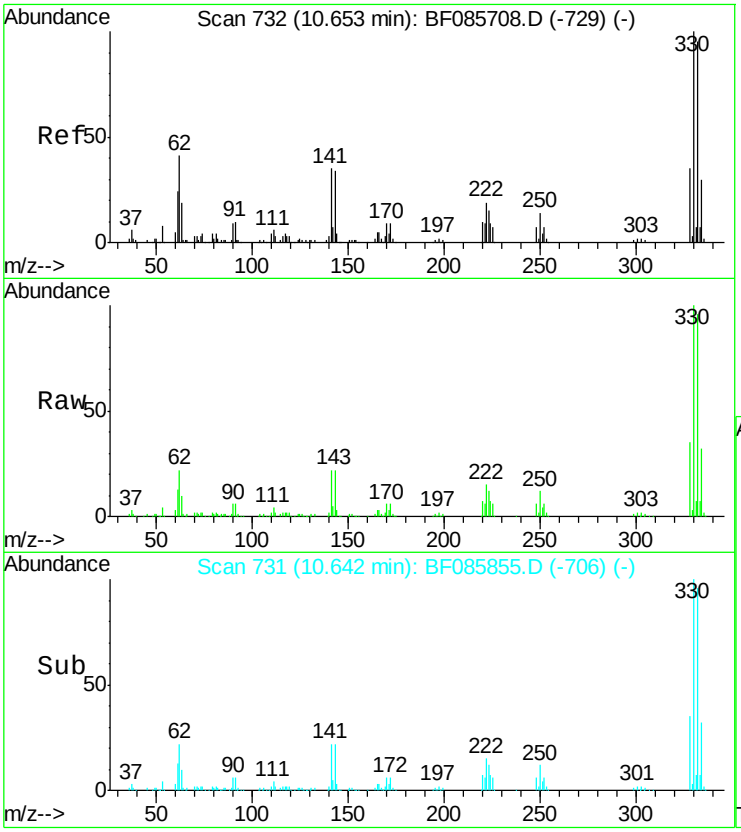


#40
Hexachlorocyclopentadiene
Concen: 75.55 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:237 Resp: 192254

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.7	83.7
272	13.0	0.0	31.9



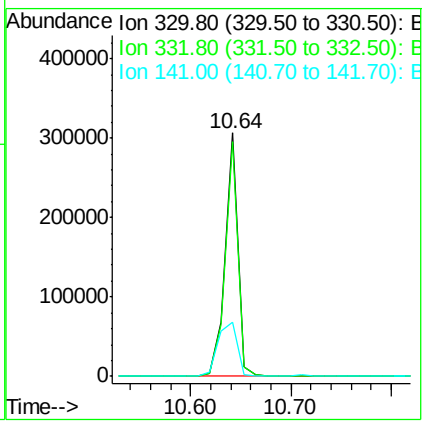


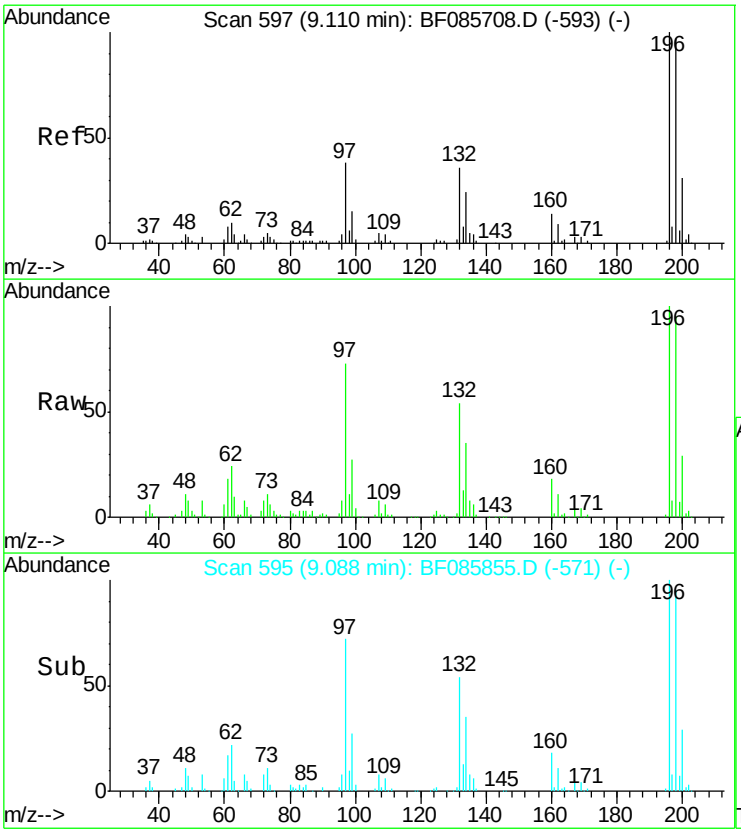
#41
2,4,6-Tribromophenol
Concen: 137.61 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:330 Resp: 271279

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.2	117.2
141	34.1	31.5	47.3

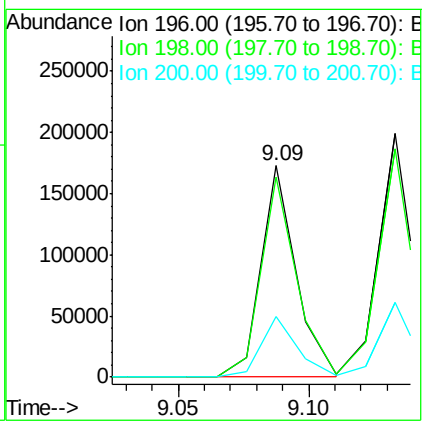


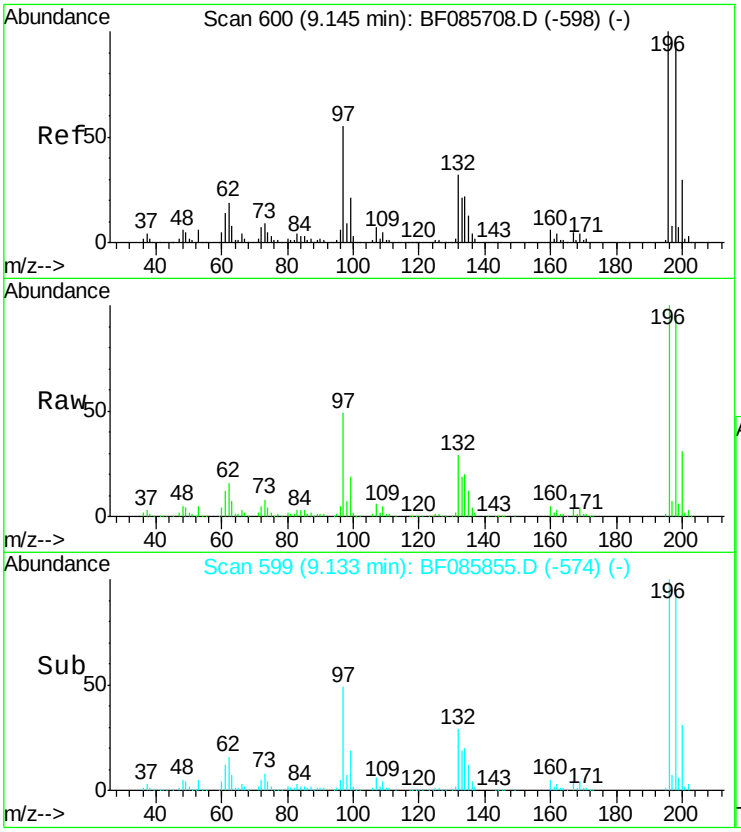


#42
2,4,6-Trichlorophenol
Concen: 39.09 ng
RT: 9.09 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:196 Resp: 162428

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.3	112.9
200	28.8	23.7	35.5



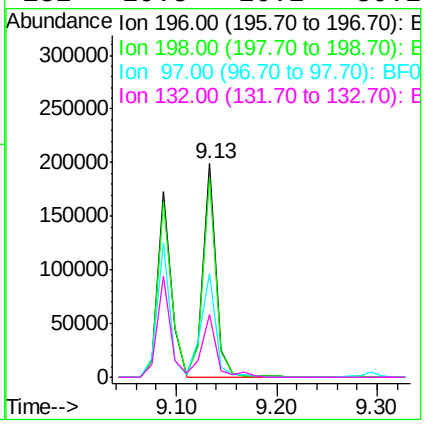


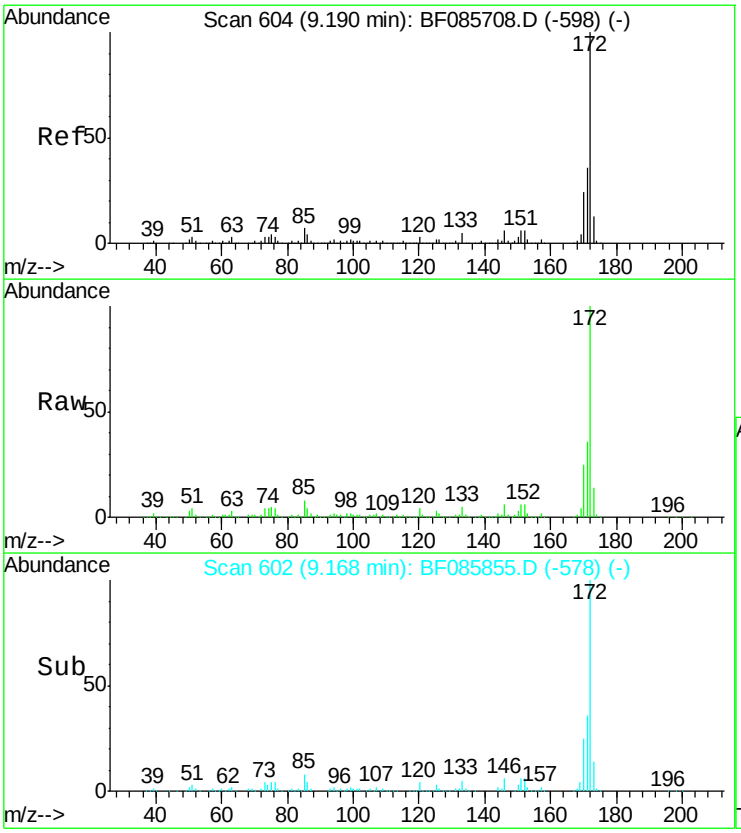
#43
2,4,5-Trichlorophenol
Concen: 41.03 ng
RT: 9.13 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:196 Resp: 178814

Ion	Ratio	Lower	Upper
196	100		
198	93.6	76.6	114.8
97	48.7	30.5	45.7#
132	29.5	20.2	30.2

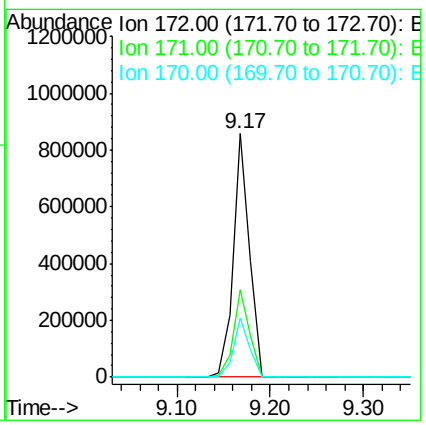


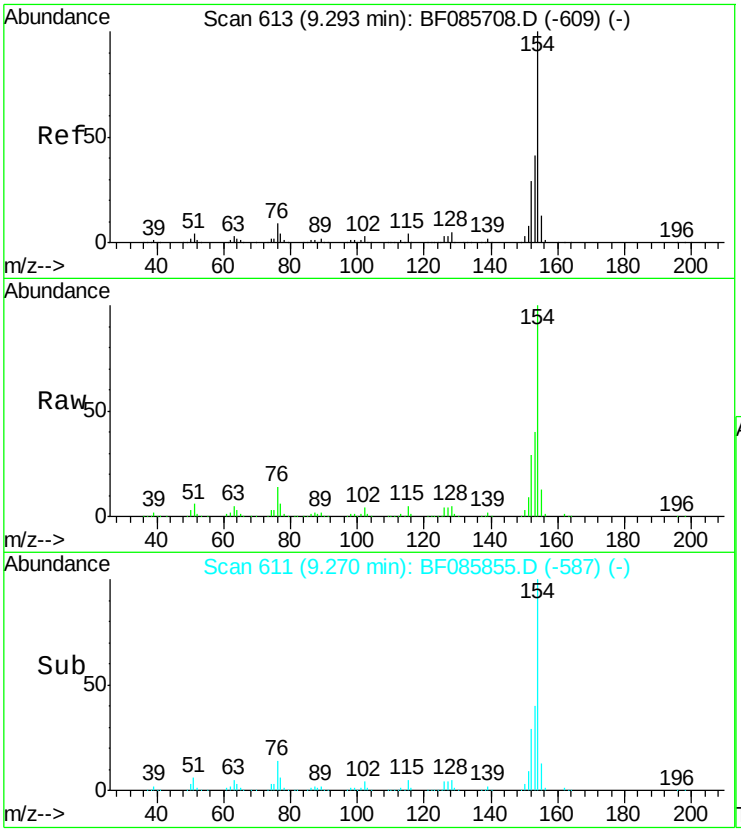


#44
2-Fluorobiphenyl
Concen: 82.92 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:172 Resp: 1029805

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.5	19.8	29.6



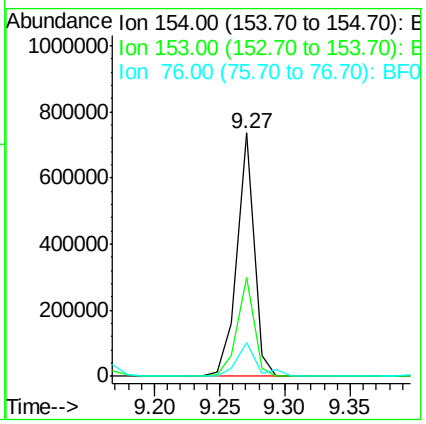


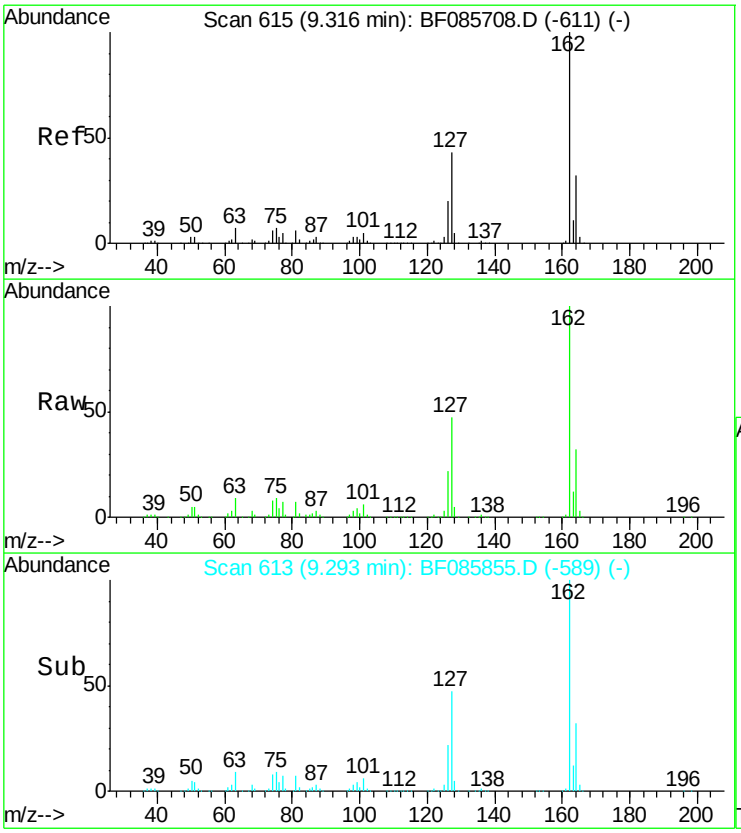
#45
1,1'-Biphenyl
Concen: 38.15 ng
RT: 9.27 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:154 Resp: 667903

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	13.6	0.0	36.7

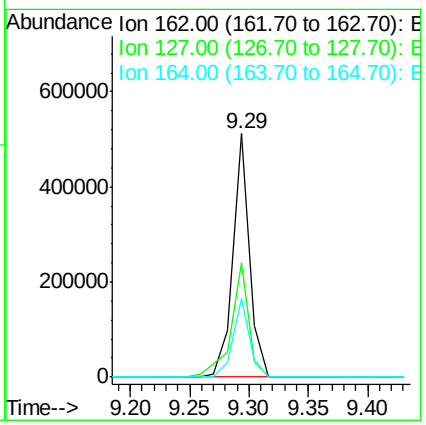


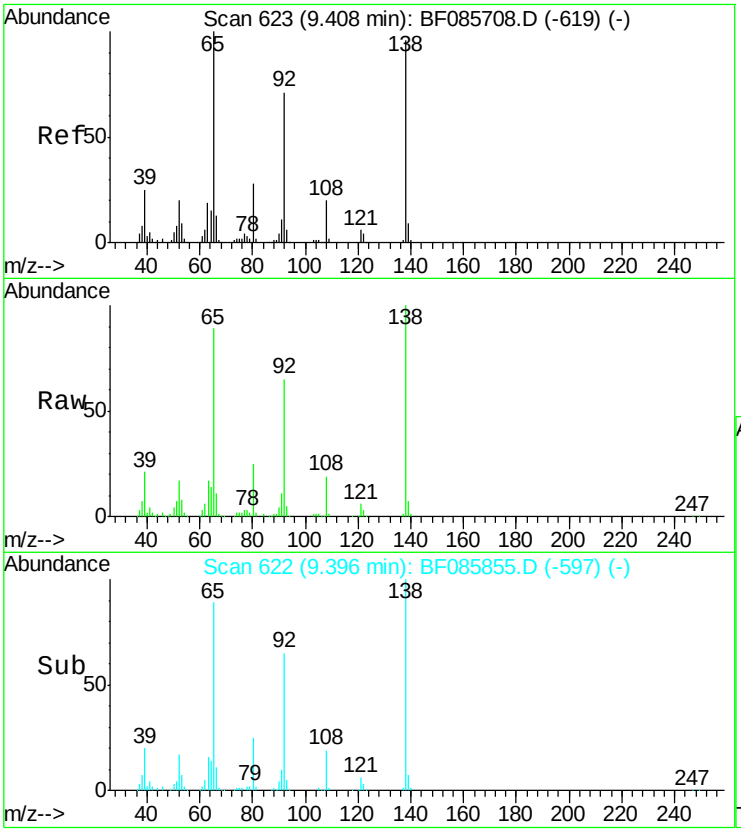


#46
2-Chloronaphthalene
Concen: 38.72 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:162 Resp: 498519

Ion	Ratio	Lower	Upper
162	100		
127	47.2	31.7	47.5
164	32.5	27.3	40.9



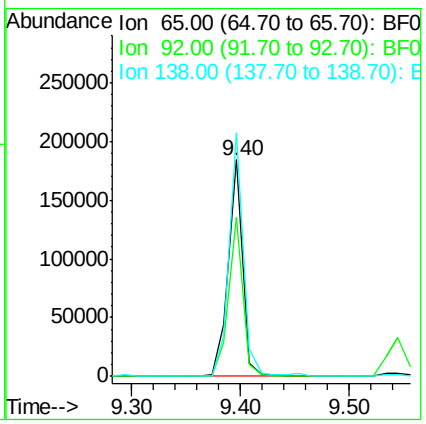


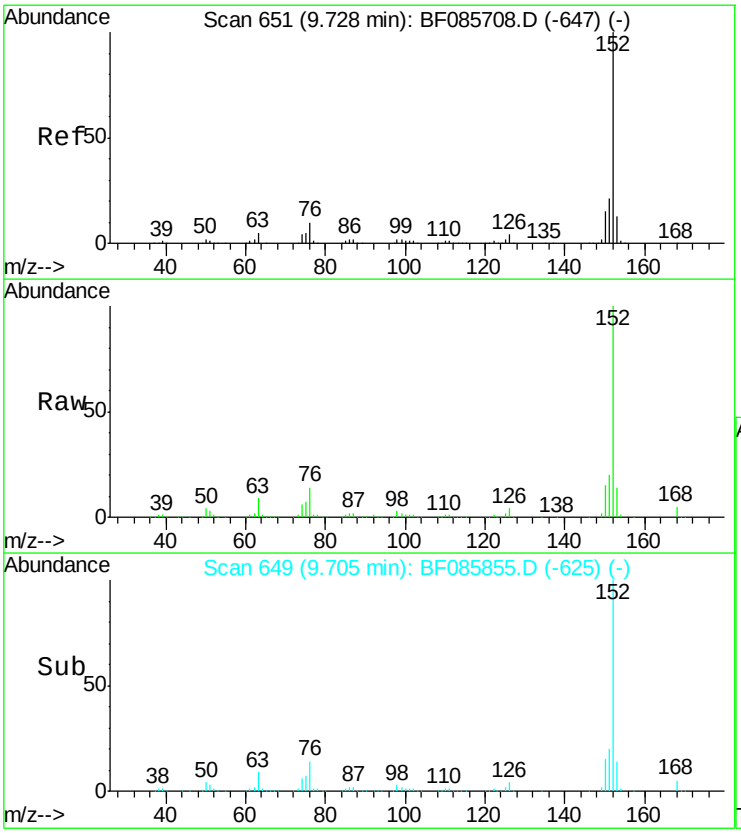
#47
2-Nitroaniline
Concen: 42.81 ng
RT: 9.40 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion: 65 Resp: 168530

Ion	Ratio	Lower	Upper
65	100		
92	73.4	59.7	89.5
138	112.5	91.4	137.0

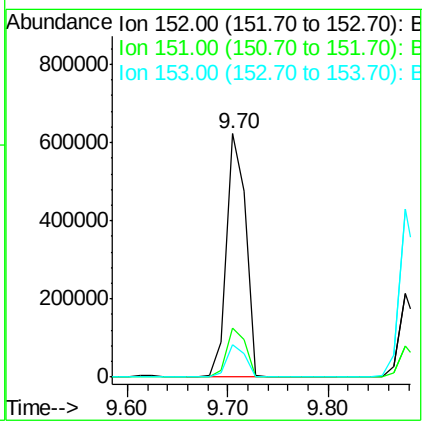


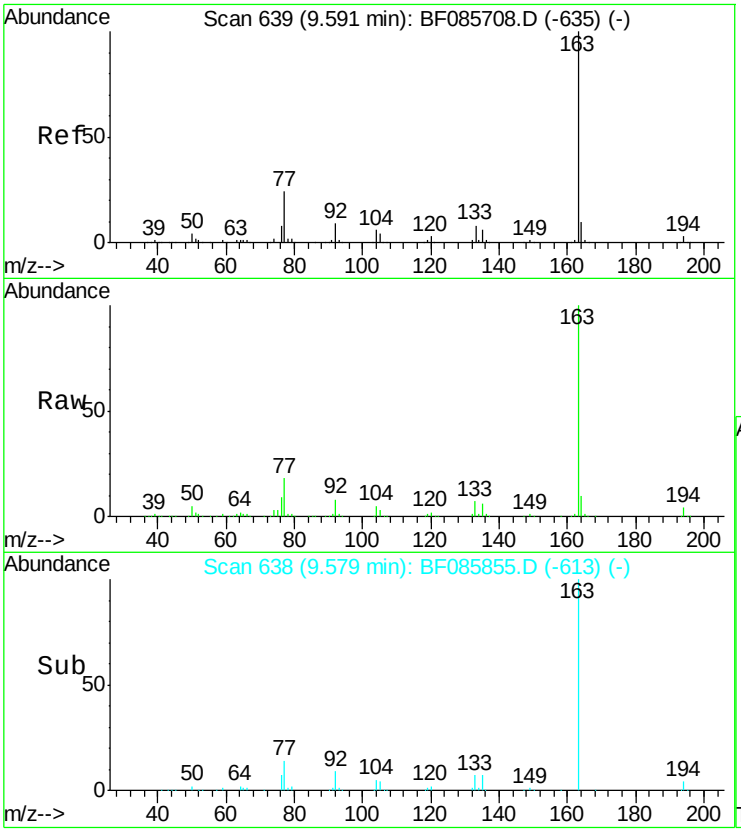


#48
Acenaphthylene
Concen: 39.13 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:152 Resp: 820898

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.5	10.9	16.3



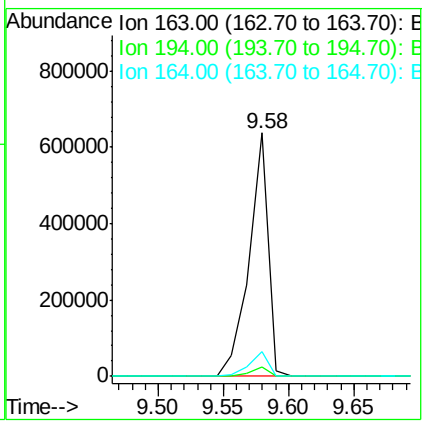


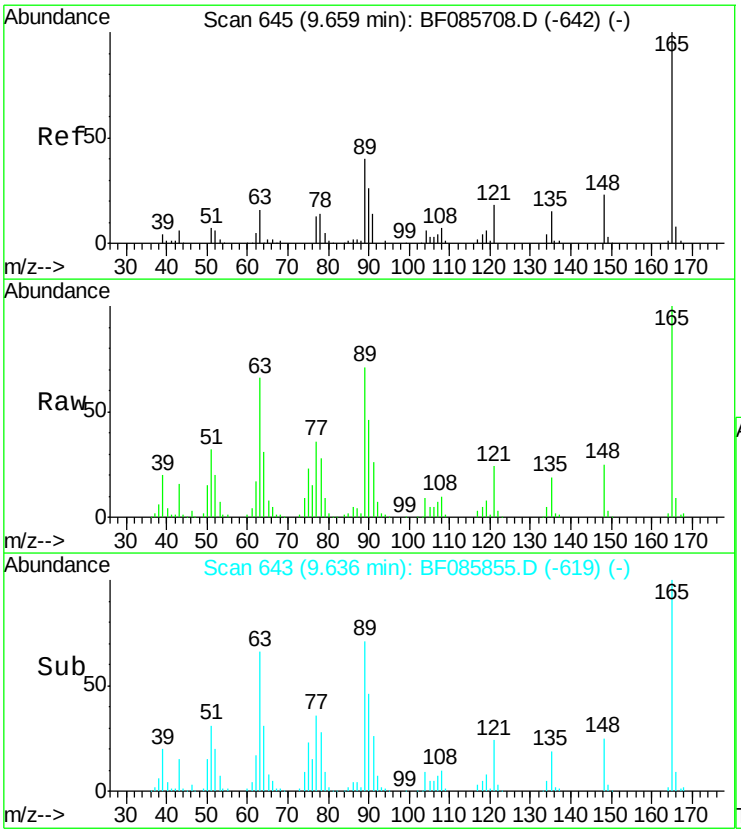
#49
Dimethylphthalate
Concen: 41.54 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:163 Resp: 653913

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.1	8.3	12.5

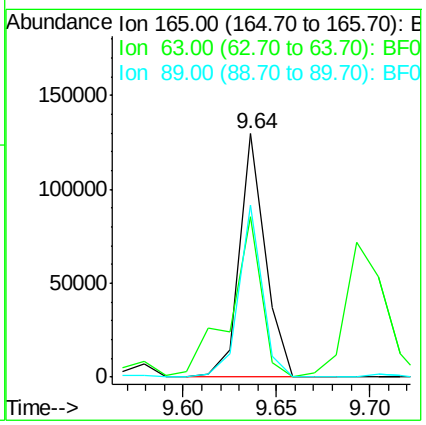


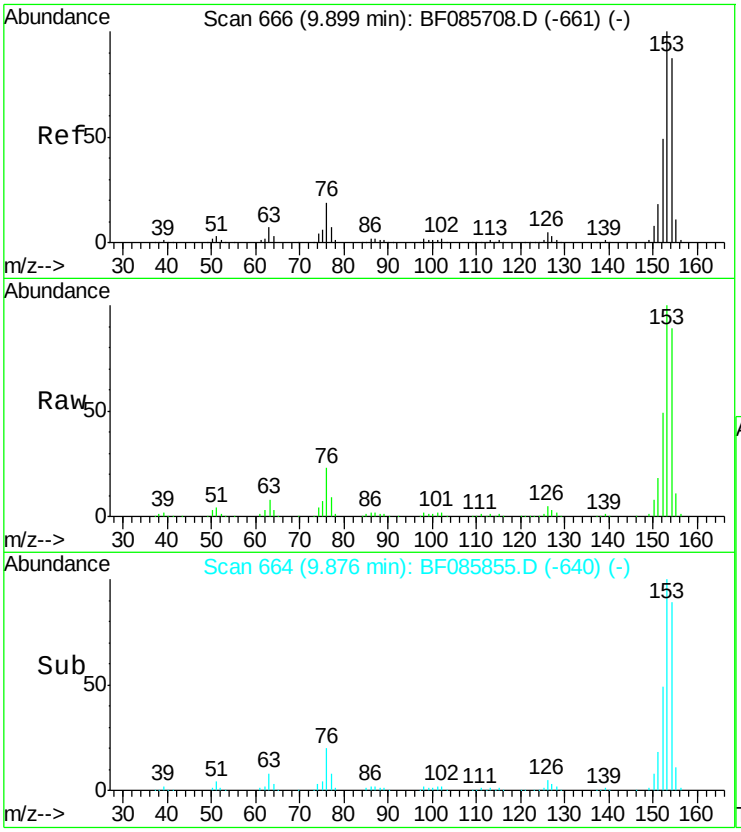


#50
2,6-Dinitrotoluene
Concen: 37.11 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:165 Resp: 125737

Ion	Ratio	Lower	Upper
165	100		
63	65.9	51.8	77.8
89	70.7	53.7	80.5



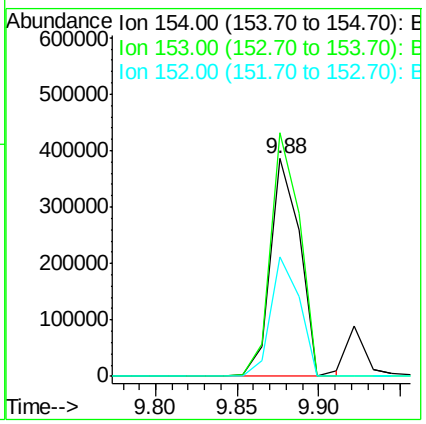


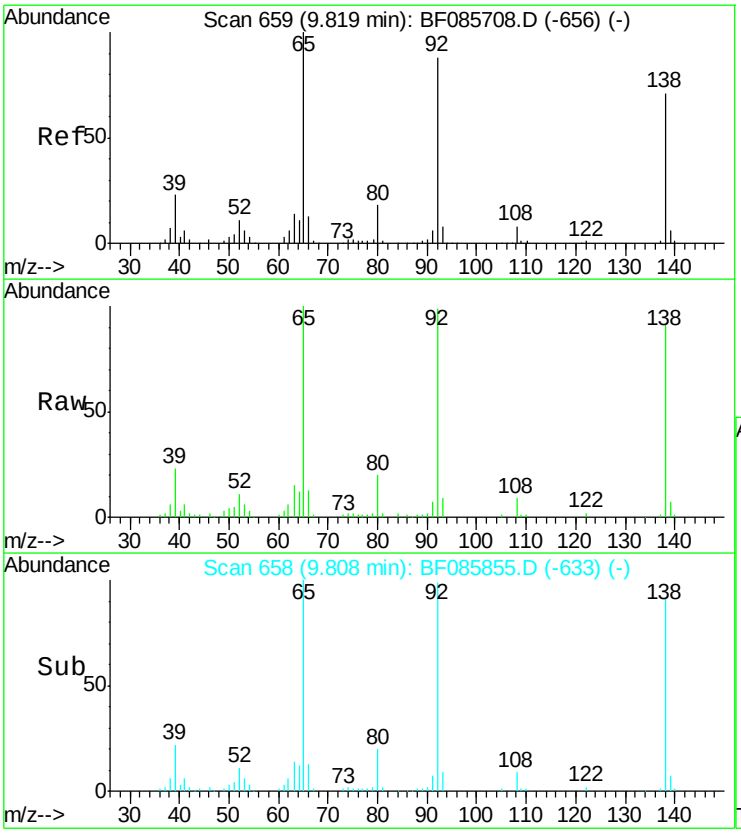
#51
Acenaphthene
Concen: 38.01 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:154 Resp: 487009

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.1	135.1
152	55.1	44.2	66.2

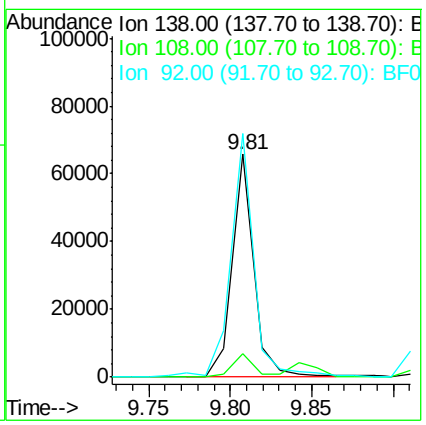


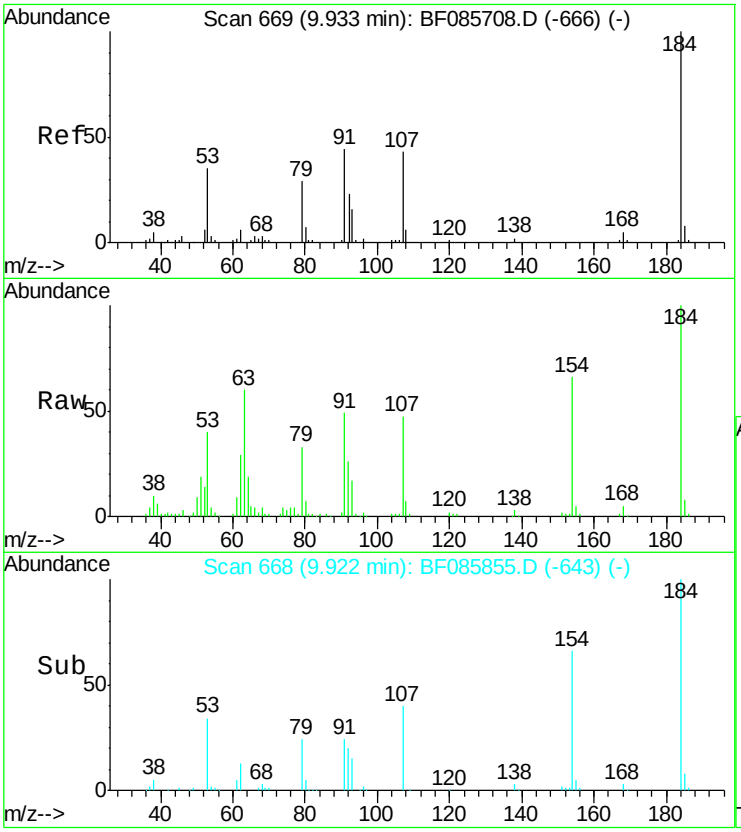


#52
3-Nitroaniline
Concen: 15.28 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:138 Resp: 59247

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	109.2	93.3	139.9



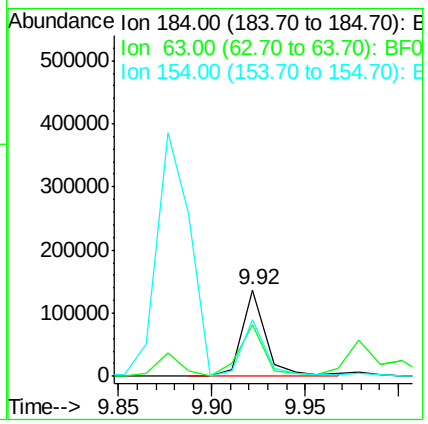


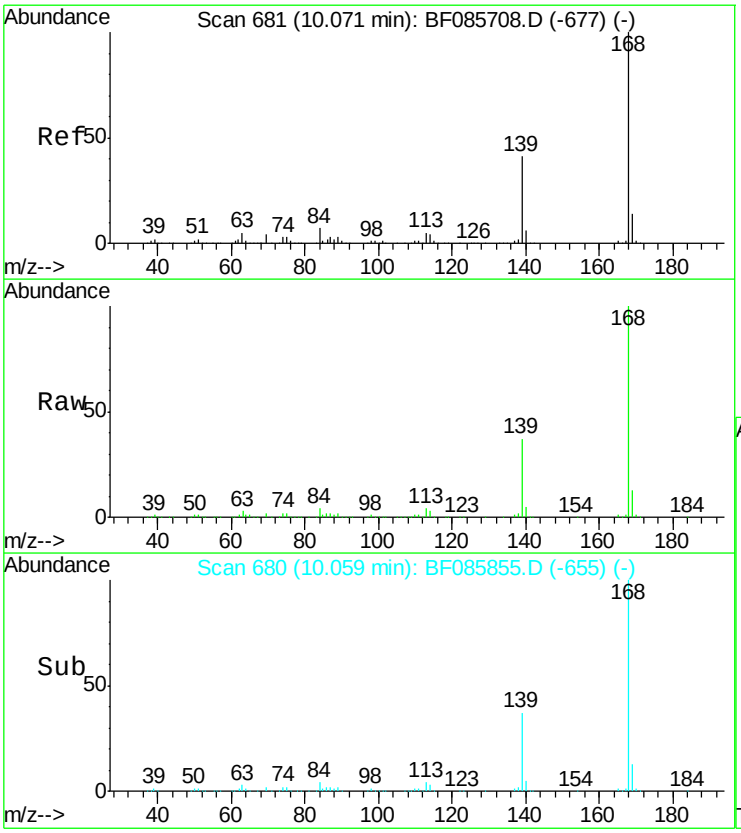
#53
2,4-Dinitrophenol
Concen: 72.47 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:184 Resp: 123017

Ion	Ratio	Lower	Upper
184	100		
63	59.6	69.5	104.3#
154	66.0	58.3	87.5

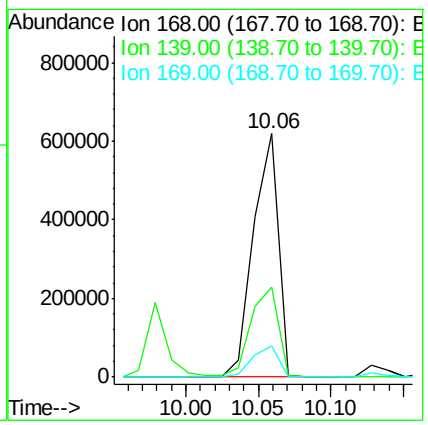


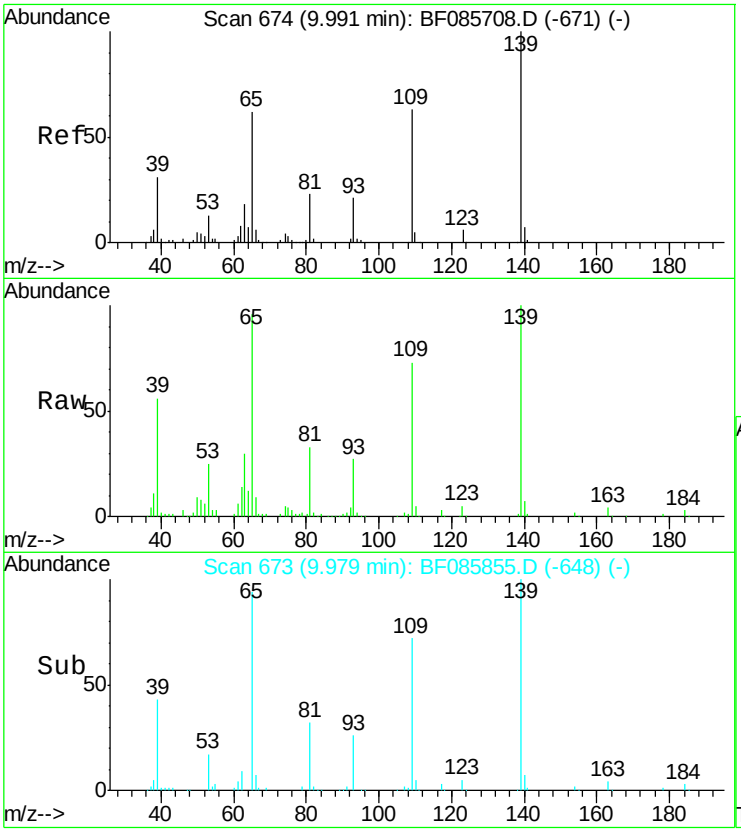


#54
Dibenzofuran
Concen: 44.60 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:168 Resp: 739713

Ion	Ratio	Lower	Upper
168	100		
139	37.0	31.9	47.9
169	13.0	11.0	16.6



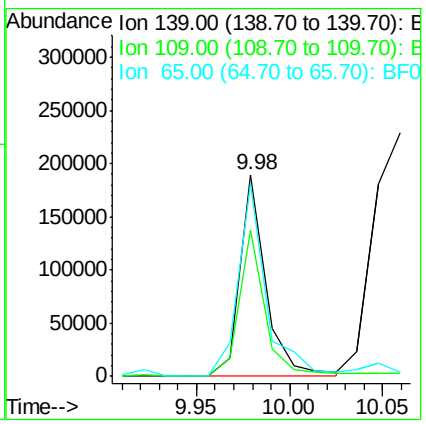


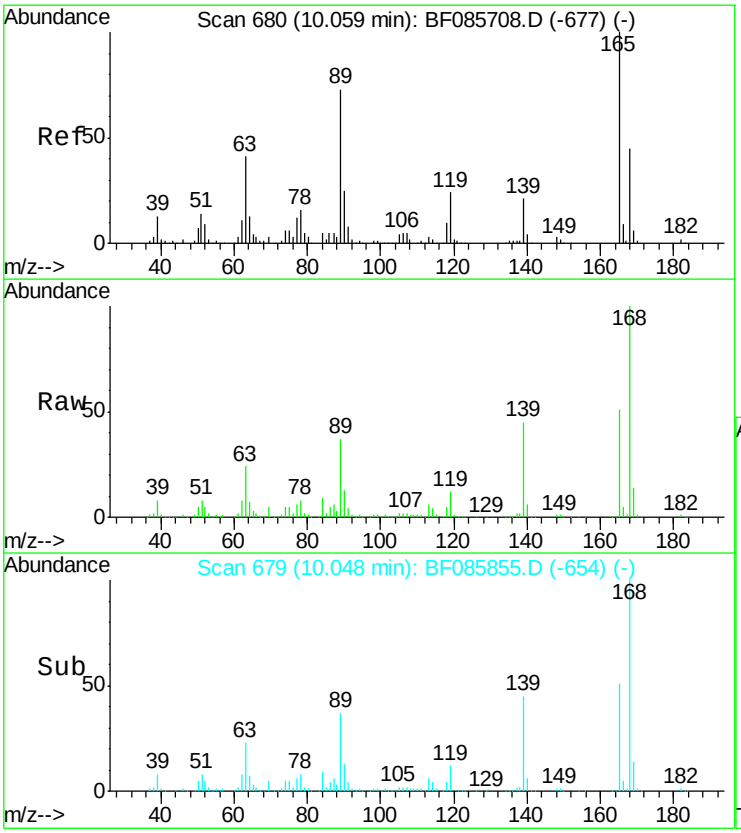
#55
4-Nitrophenol
Concen: 73.76 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:139 Resp: 186368

Ion	Ratio	Lower	Upper
139	100		
109	72.6	49.2	89.2
65	95.8	66.9	106.9

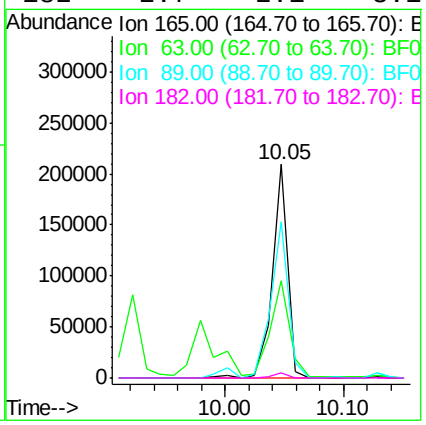


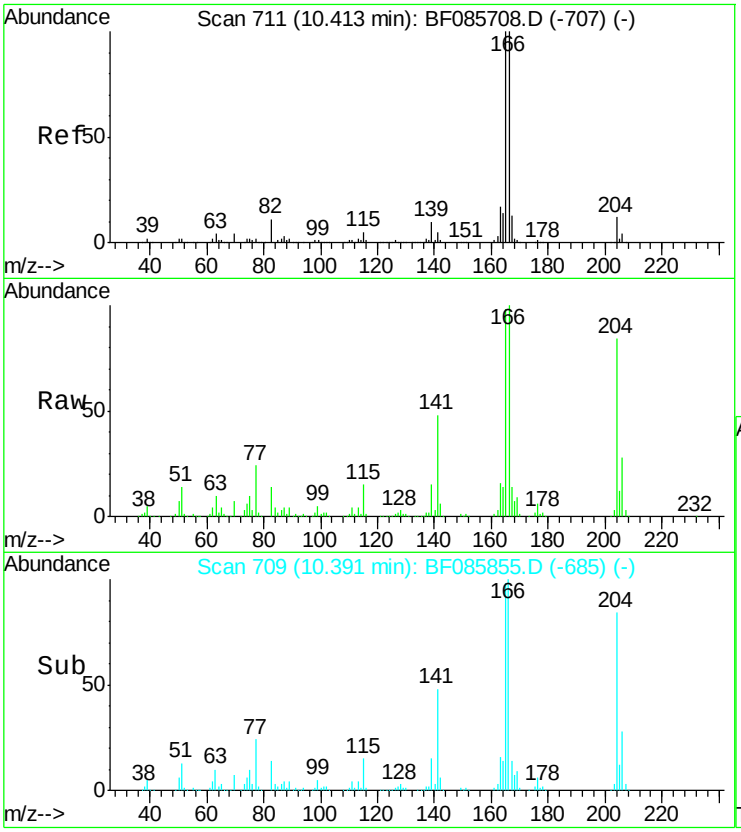


#56
2,4-Dinitrotoluene
Concen: 43.78 ng
RT: 10.05 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:165 Resp: 188555

Ion	Ratio	Lower	Upper
165	100		
63	45.8	24.9	37.3#
89	72.9	41.0	61.6#
182	2.7	2.1	3.1



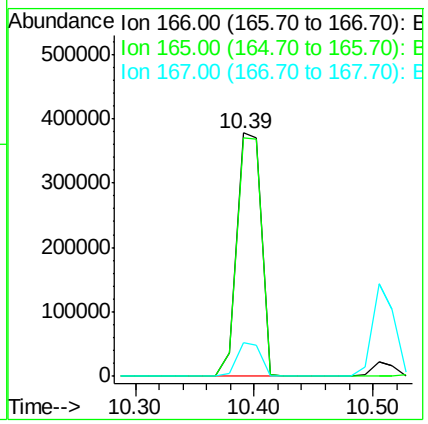


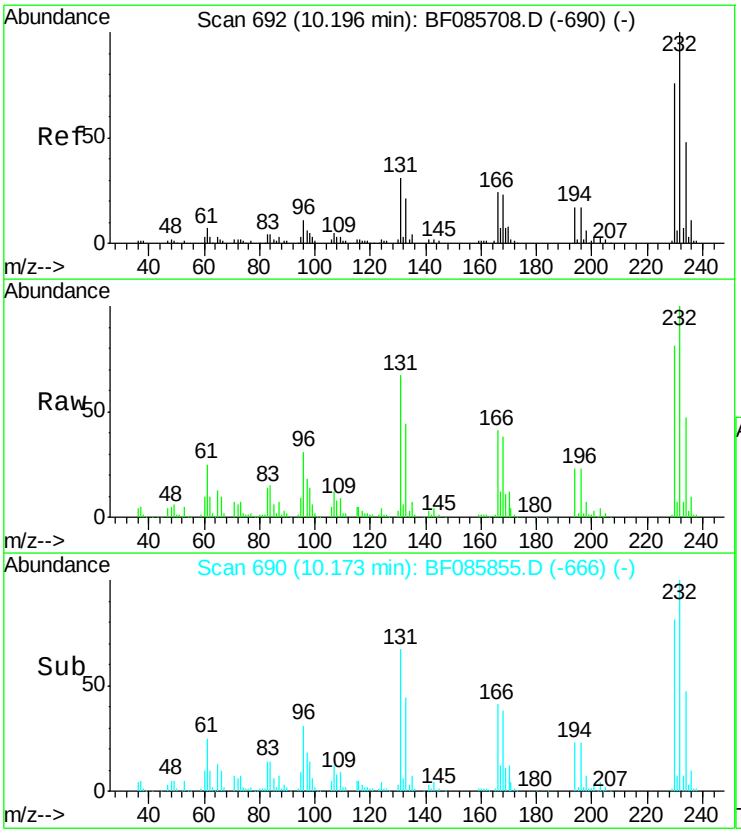
#57
Fluorene
Concen: 39.40 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:166 Resp: 543121

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.4	119.0
167	13.8	11.0	16.4

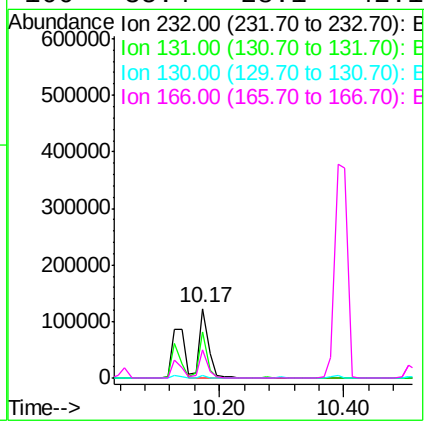


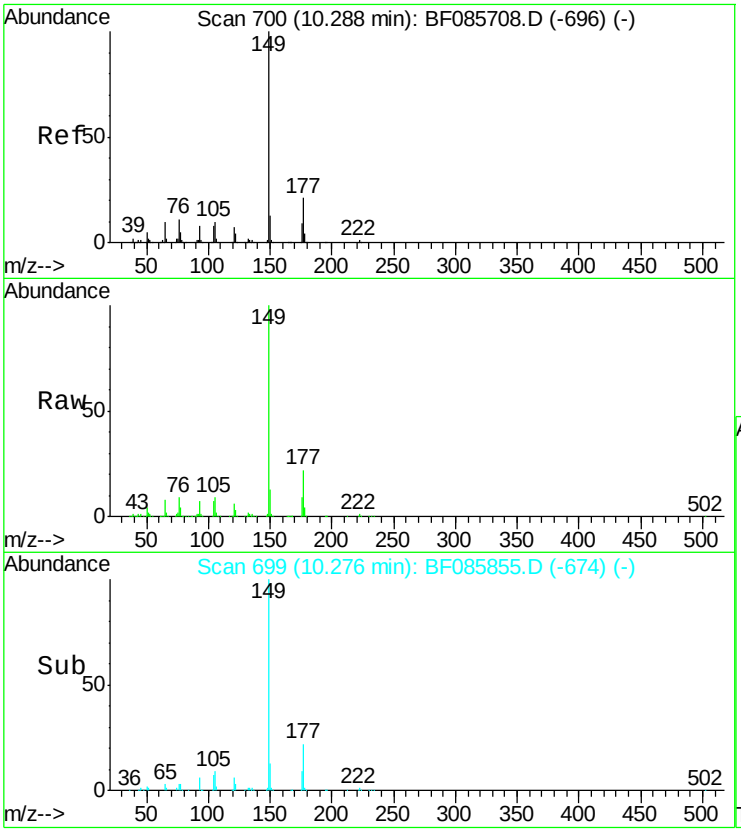


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.26 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:232 Resp: 127993

Ion	Ratio	Lower	Upper
232	100		
131	58.0	44.9	67.3
130	2.8	2.3	3.5
166	35.4	28.1	42.1



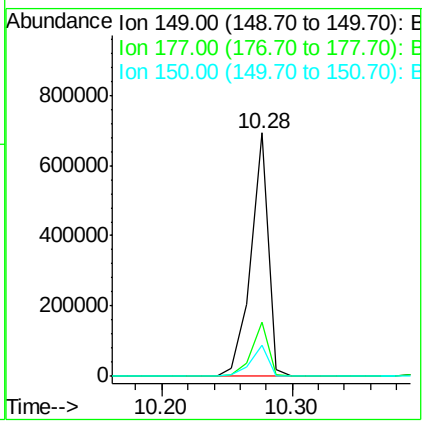


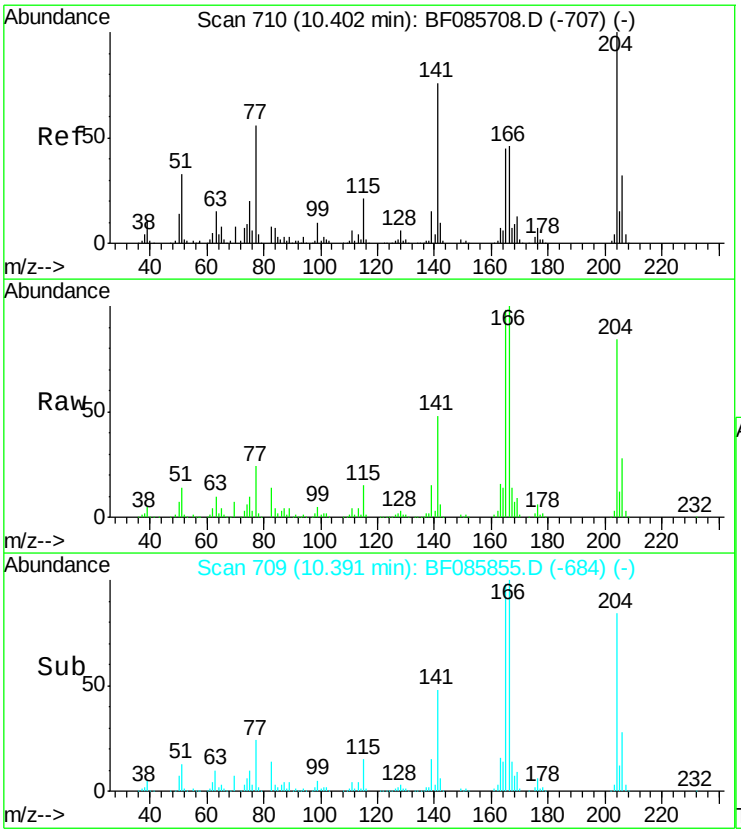
#59
Diethylphthalate
Concen: 41.59 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:149 Resp: 646882

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	12.5	10.2	15.2

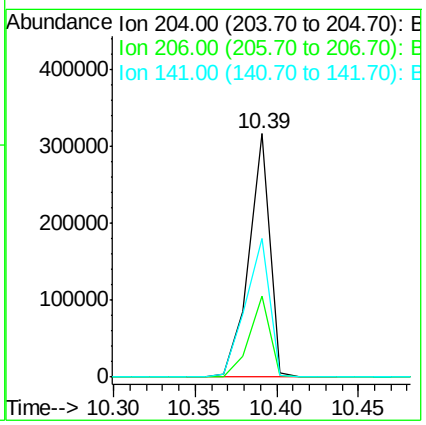


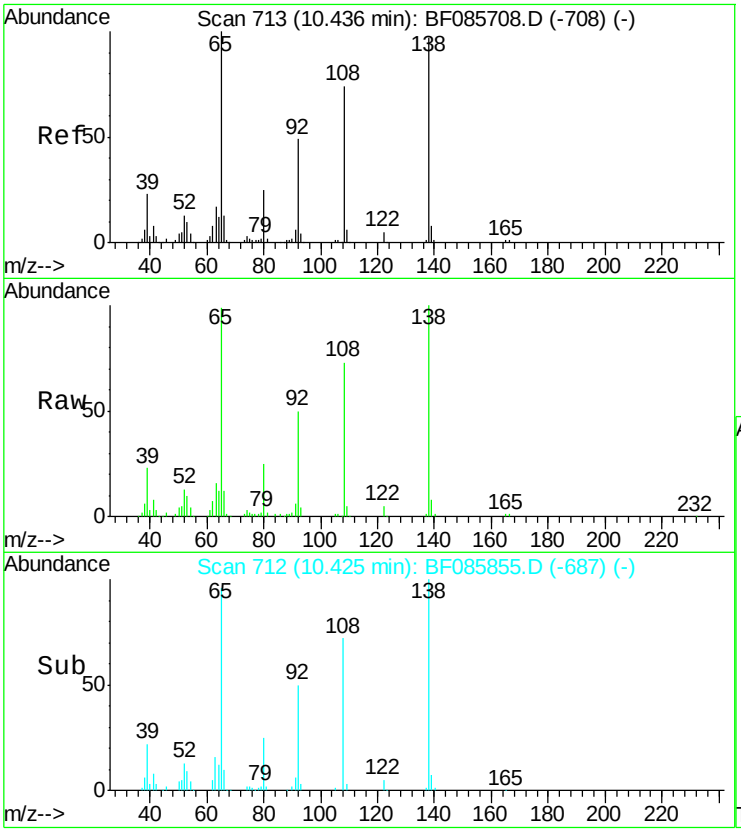


#60
4-Chlorophenyl-phenylether
Concen: 41.75 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:204 Resp: 281408

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	56.8	57.4	86.0#



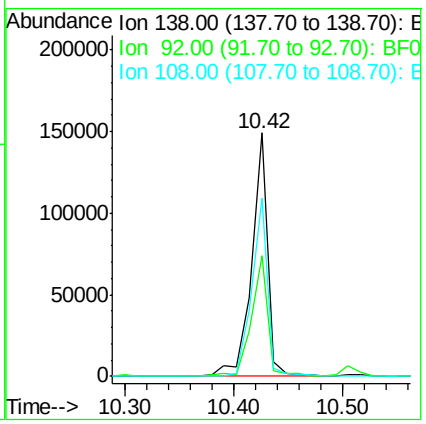


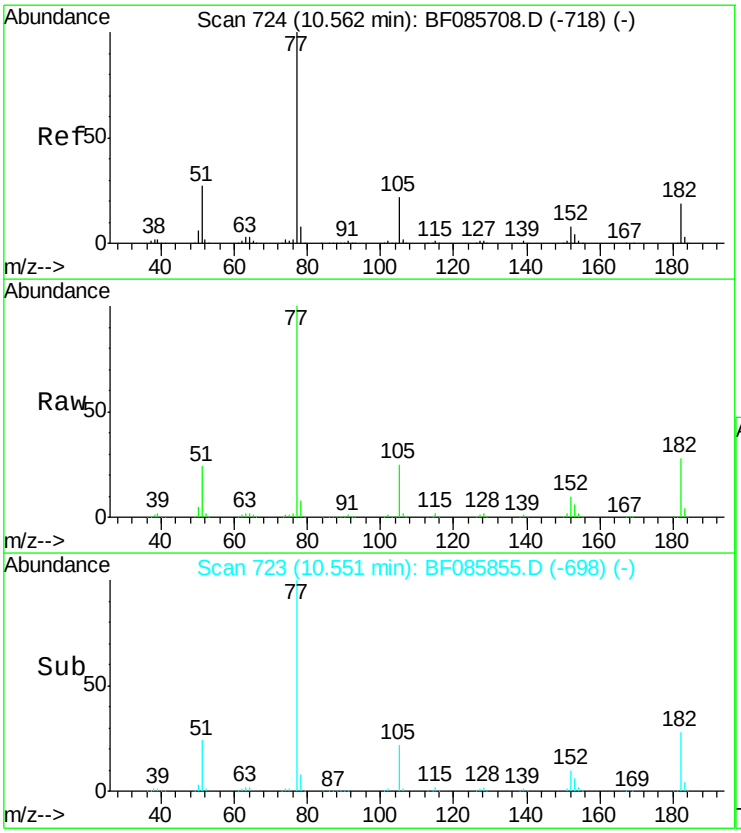
#61
4-Nitroaniline
Concen: 41.38 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:138 Resp: 153506

Ion	Ratio	Lower	Upper
138	100		
92	49.7	26.4	66.4
108	73.1	49.0	89.0

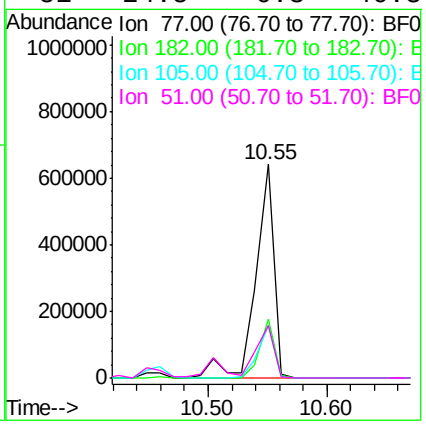


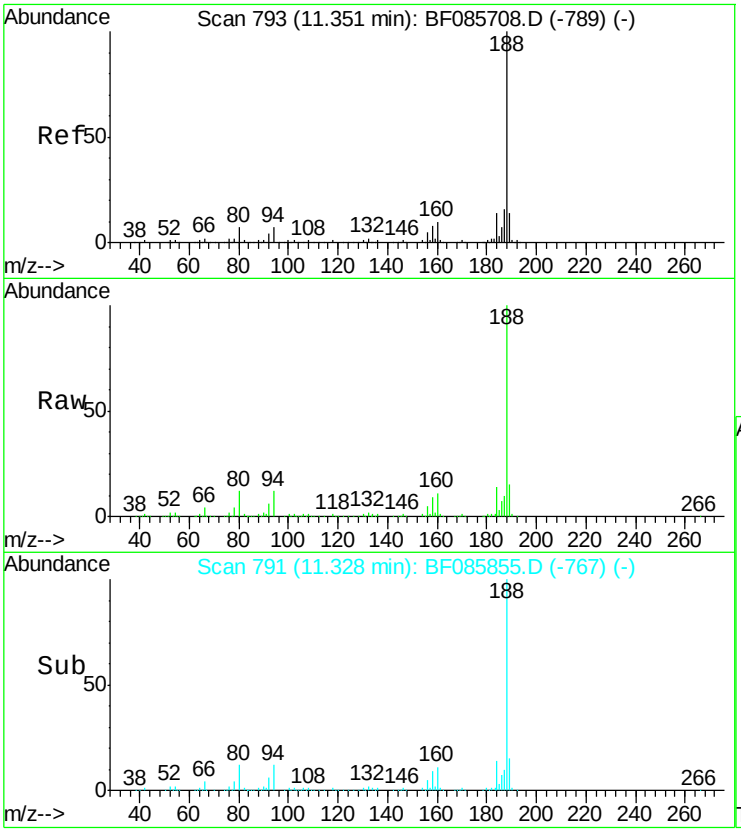


#62
Azobenzene
Concen: 46.35 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion: 77 Resp: 692779

Ion	Ratio	Lower	Upper
77	100		
182	27.5	1.9	41.9
105	24.8	3.5	43.5
51	24.5	6.3	46.3



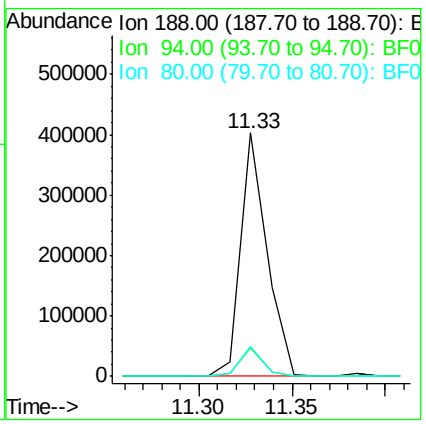


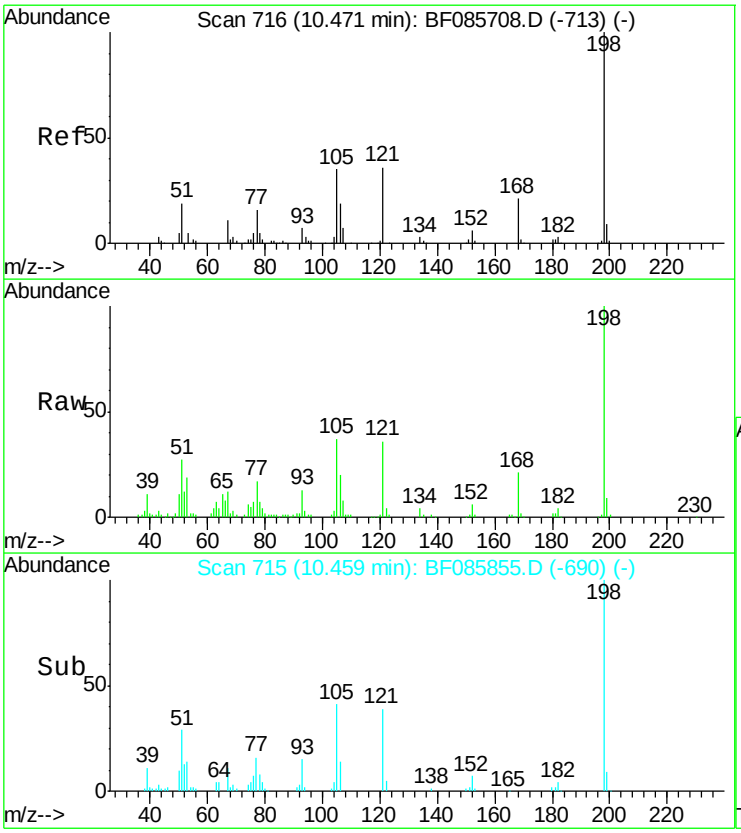
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:188 Resp: 396350

Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.4	8.0#
80	12.4	5.5	8.3#

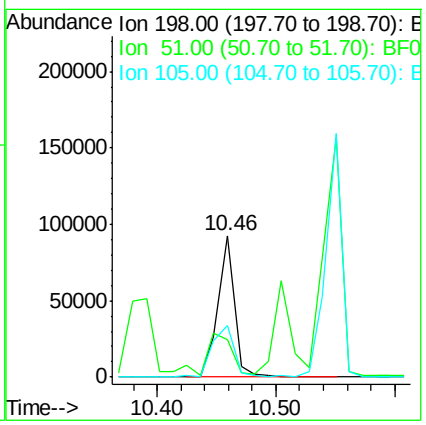


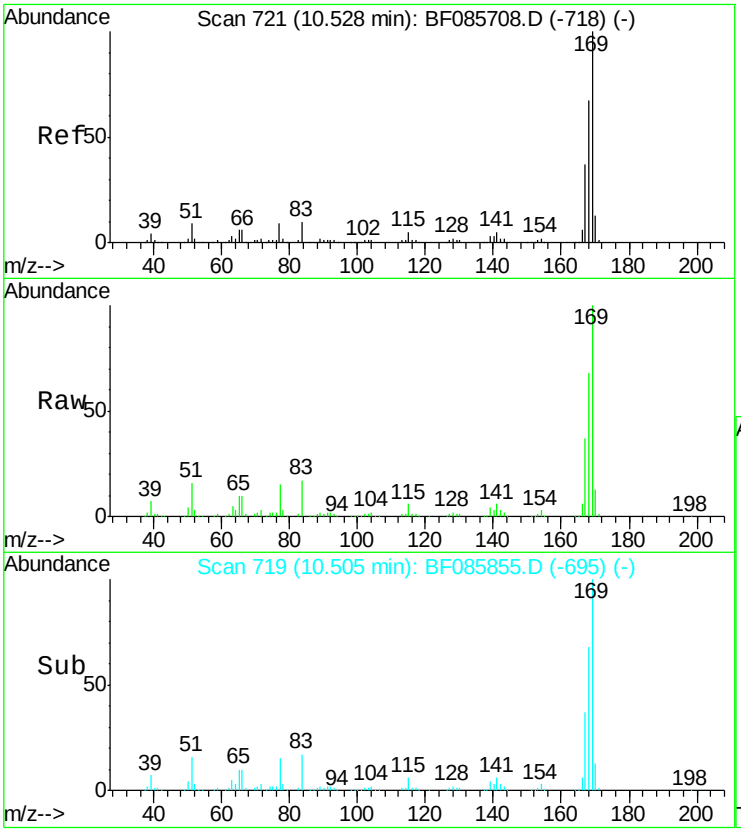


#64
4,6-Dinitro-2-methylphenol
Concen: 38.53 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:198 Resp: 89441

Ion	Ratio	Lower	Upper
198	100		
51	26.7	45.4	85.4#
105	37.0	45.9	85.9#



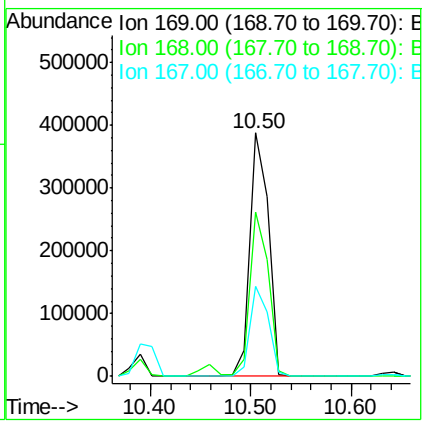


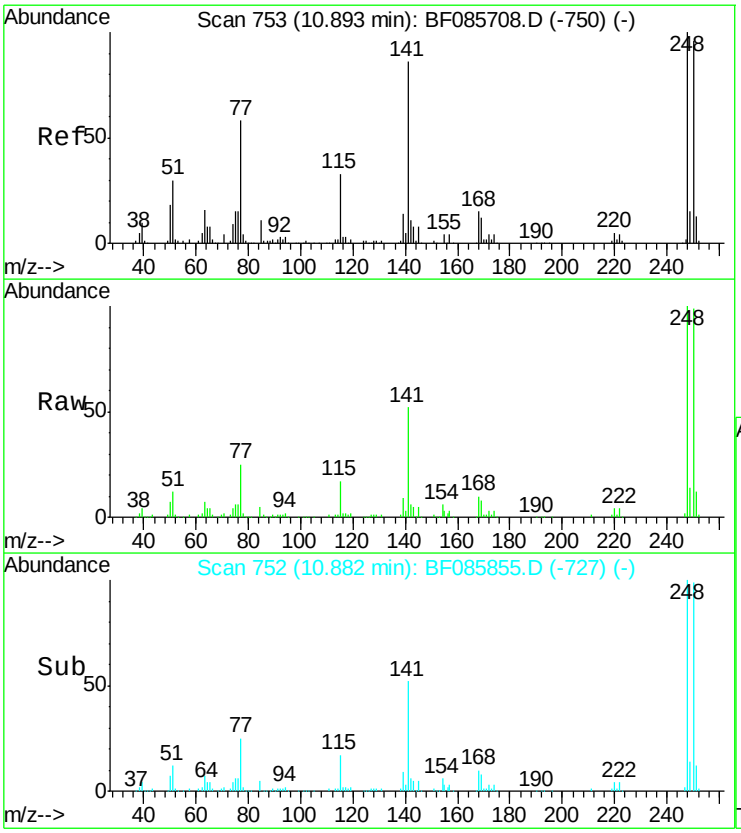
#65
n-Nitrosodiphenylamine
Concen: 39.56 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:169 Resp: 496616

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.9	29.4	44.0

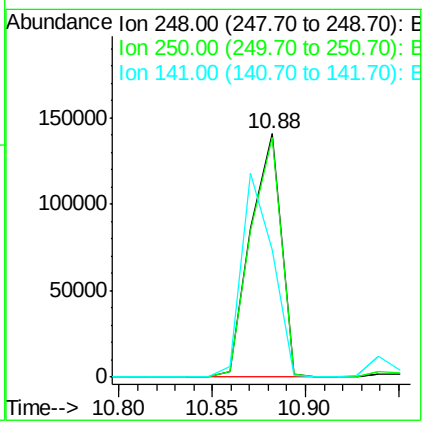


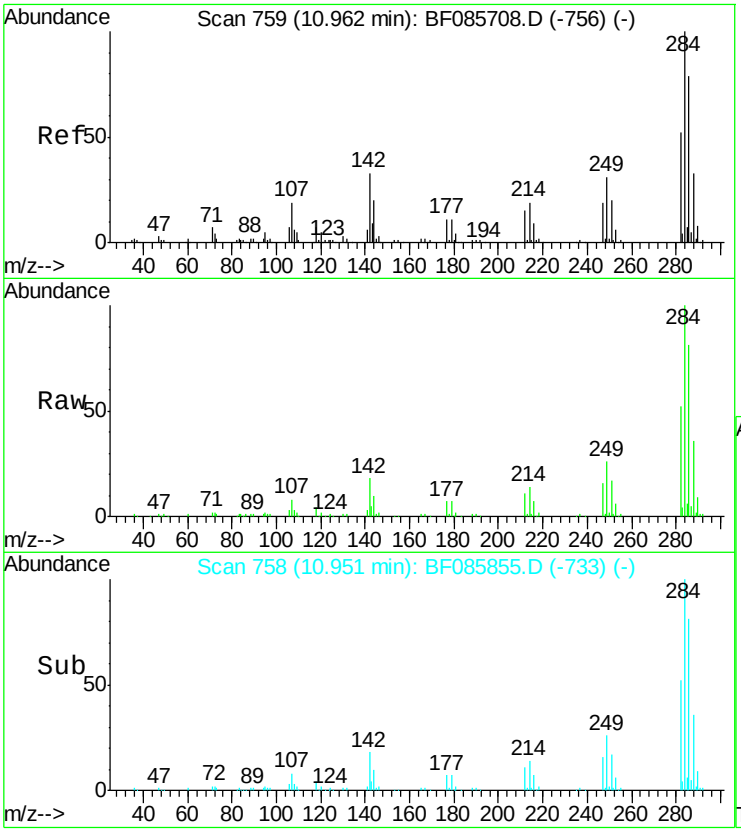


#66
4-Bromophenyl-phenylether
Concen: 39.32 ng
RT: 10.88 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:248 Resp: 159454

Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.4	116.0
141	52.4	63.6	95.4#



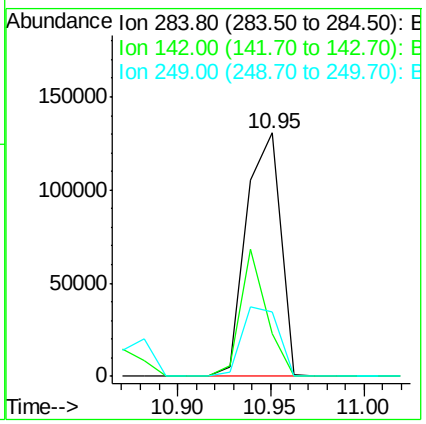


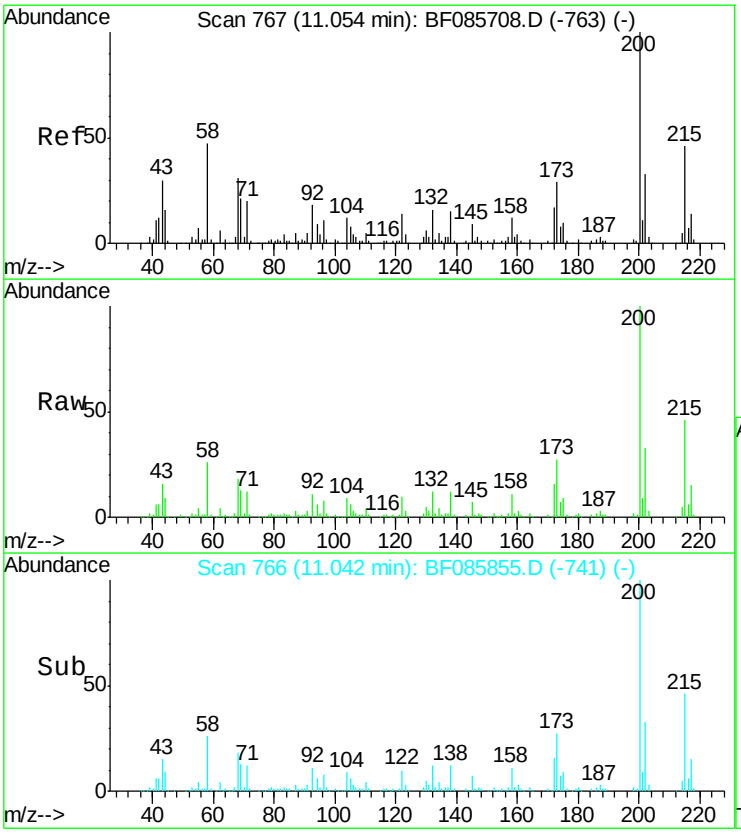
#67
Hexachlorobenzene
Concen: 39.15 ng
RT: 10.95 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:284 Resp: 166013

Ion	Ratio	Lower	Upper
284	100		
142	17.7	23.1	34.7#
249	26.5	24.2	36.2

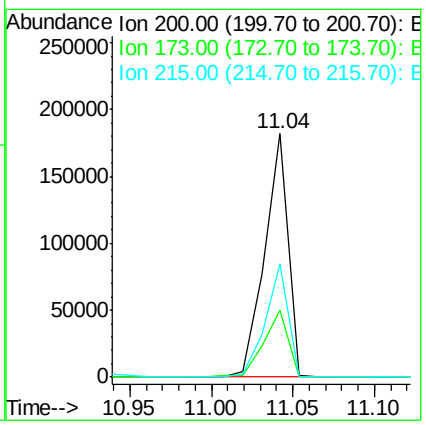


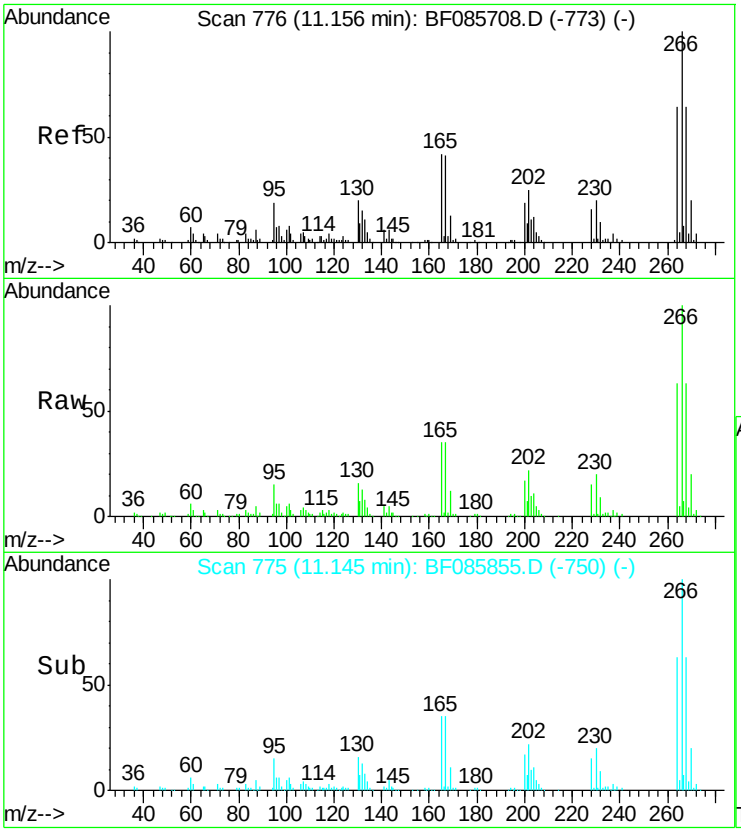


#68
Atrazine
Concen: 42.78 ng
RT: 11.04 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:200 Resp: 181312

Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.7	47.7
215	46.3	25.4	65.4



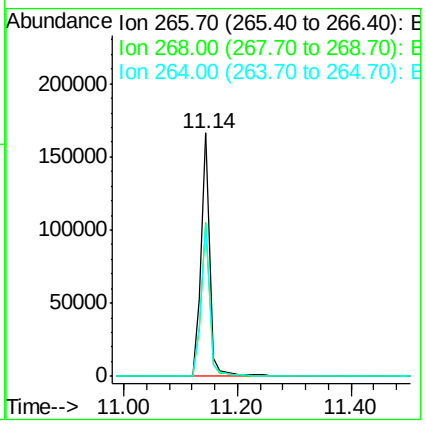


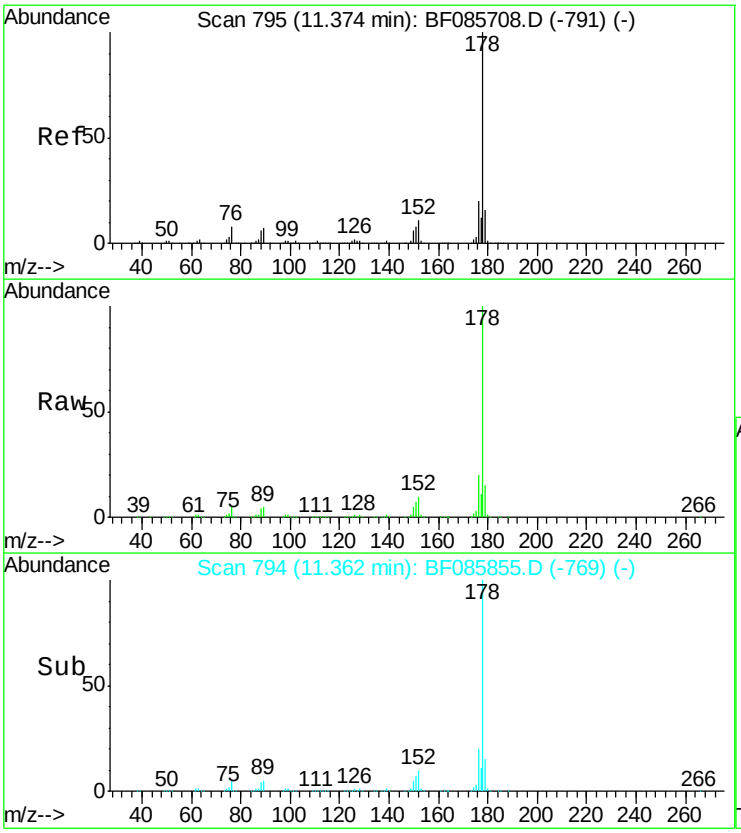
#69
Pentachlorophenol
Concen: 82.25 ng
RT: 11.14 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:266 Resp: 171241

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.5	77.3
264	62.6	50.6	76.0

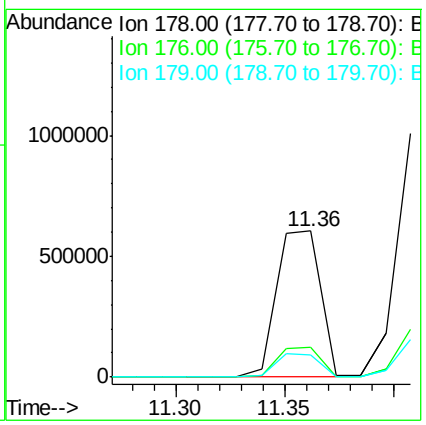


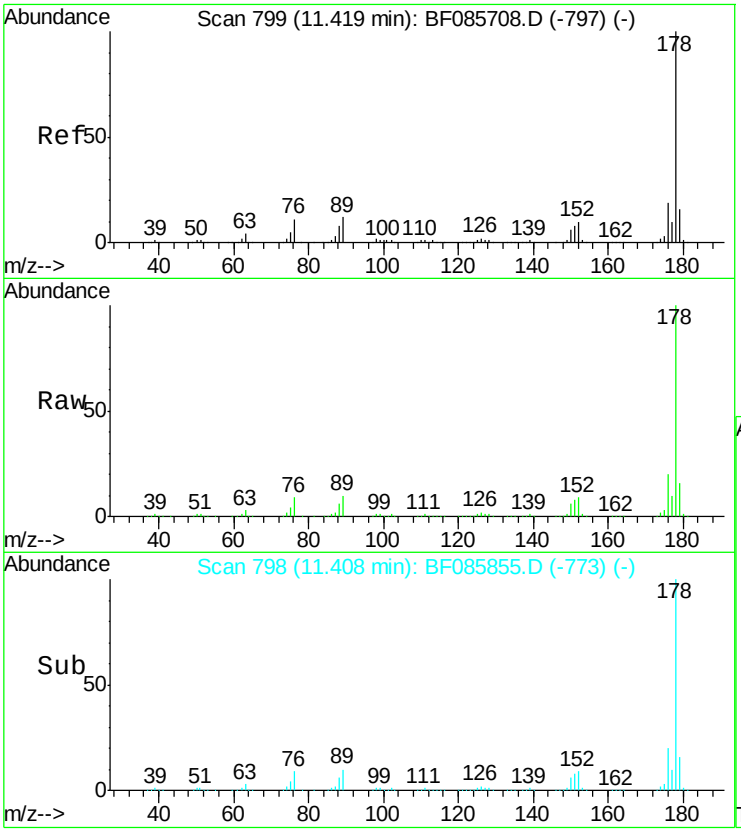


#70
Phenanthrene
Concen: 41.71 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:178 Resp: 848942

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.3	24.5
179	14.9	12.6	18.8



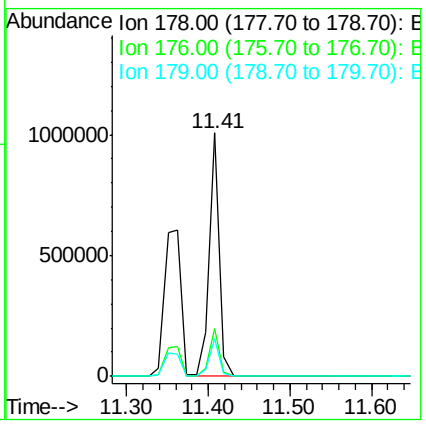


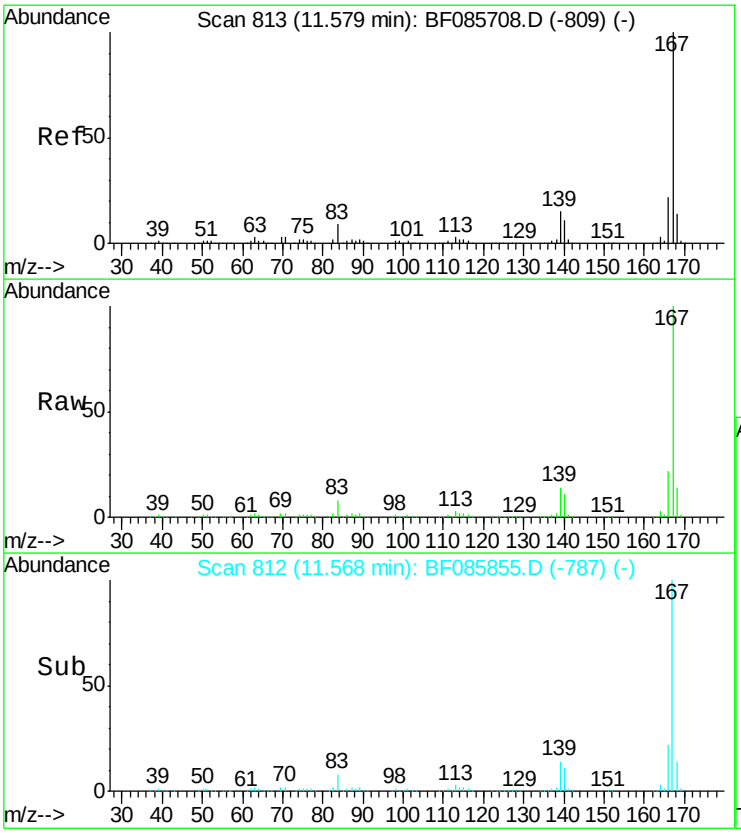
#71
Anthracene
Concen: 41.27 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:178 Resp: 881835

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.7	13.0	19.4

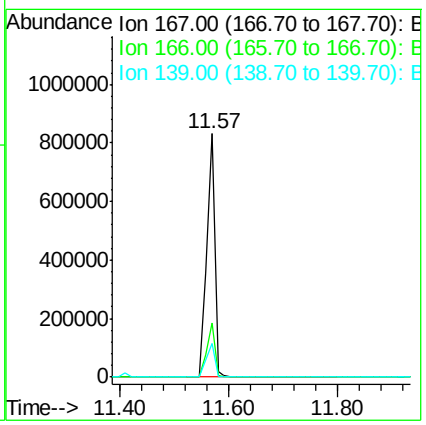


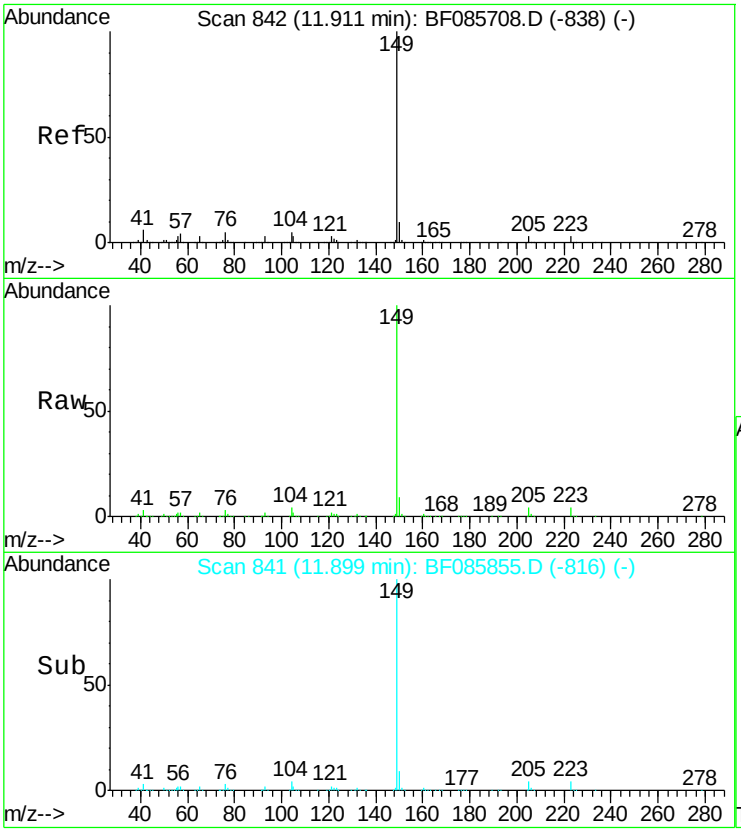


#72
Carbazole
Concen: 47.03 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:167 Resp: 843526

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.9	11.6	17.4



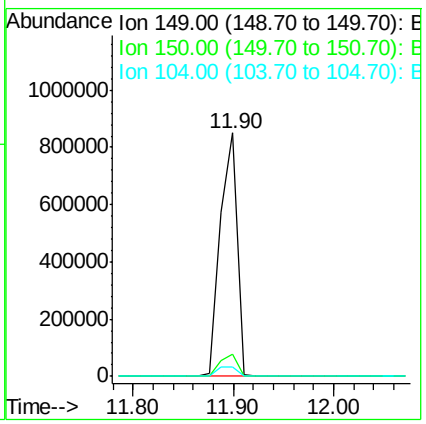


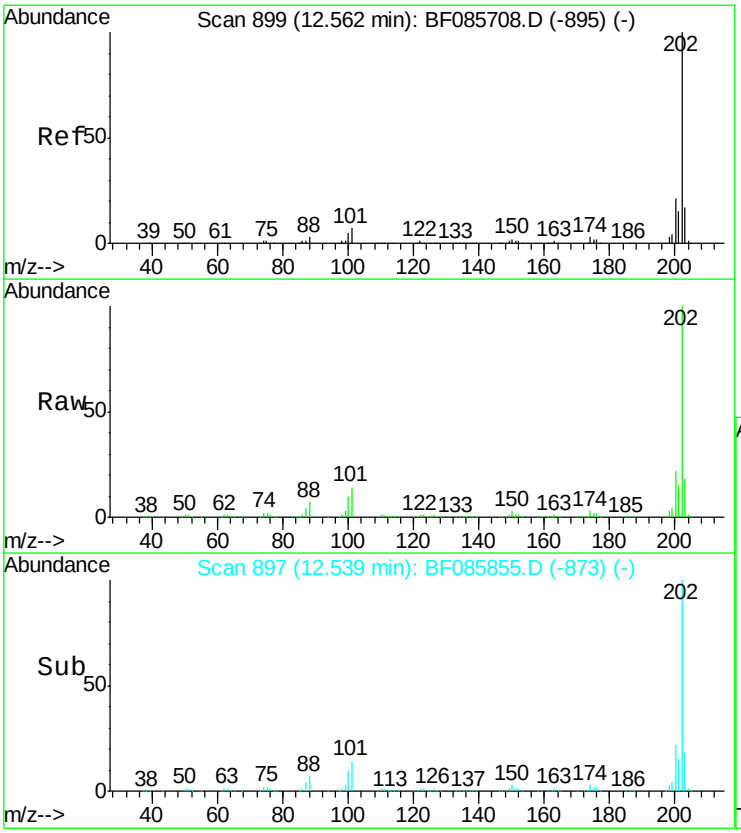
#73
Di-n-butylphthalate
Concen: 40.23 ng
RT: 11.90 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:149 Resp: 990144

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	3.9	3.8	5.8

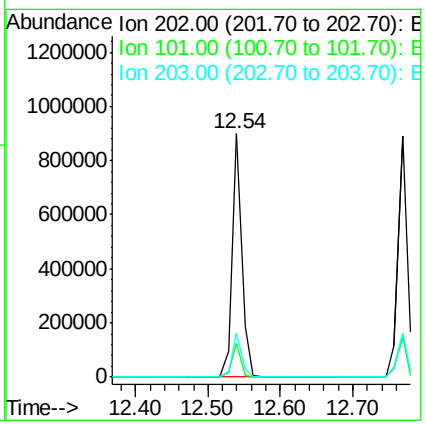


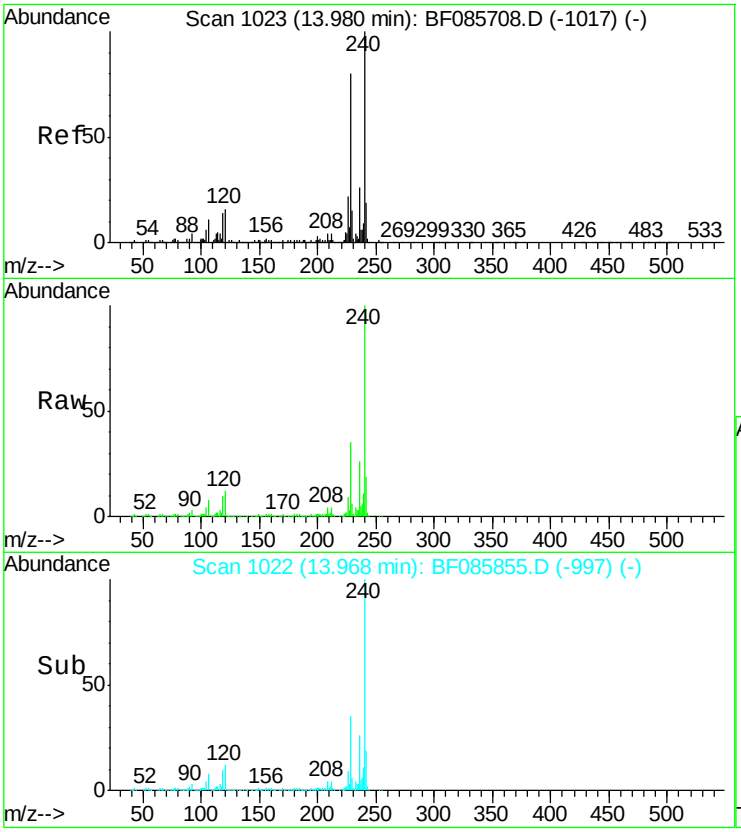


#74
Fluoranthene
Concen: 38.05 ng
RT: 12.54 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:202 Resp: 823001

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	36.6
203	17.9	0.0	38.1



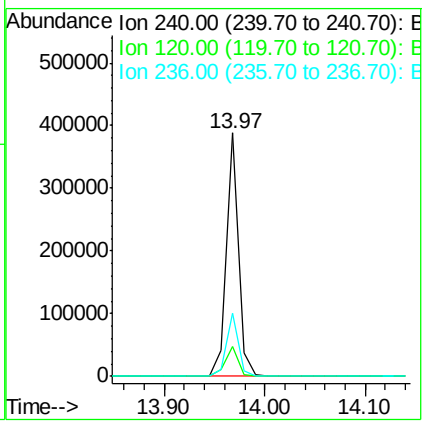


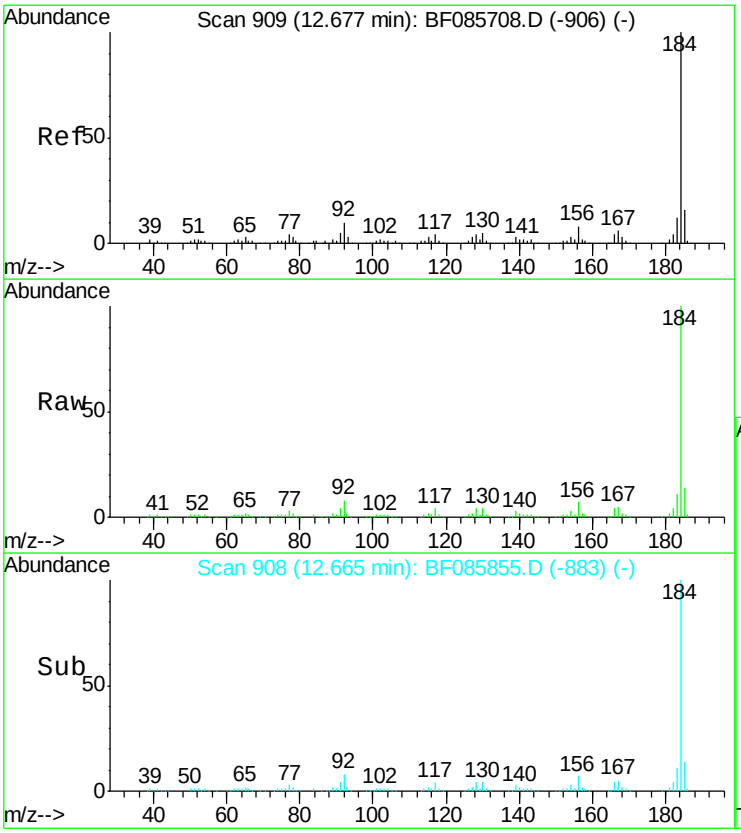
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:240 Resp: 324204

Ion	Ratio	Lower	Upper
240	100		
120	12.1	13.8	20.8#
236	26.0	20.6	30.8

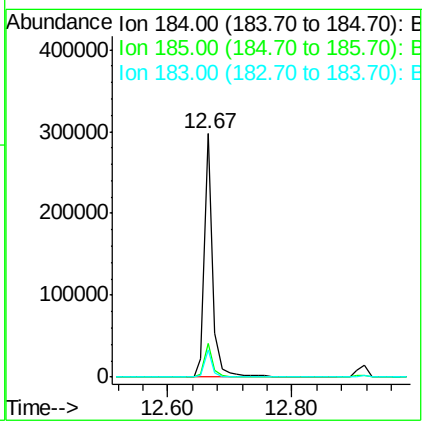


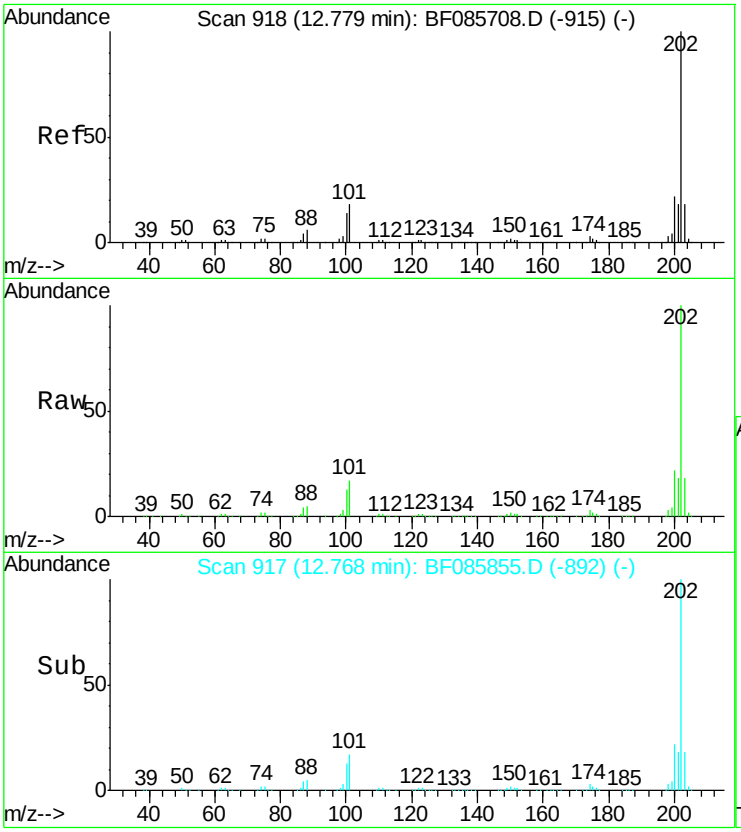


#76
Benzidine
Concen: 24.46 ng
RT: 12.67 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:184 Resp: 279266

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.4	18.6
183	11.4	9.4	14.2



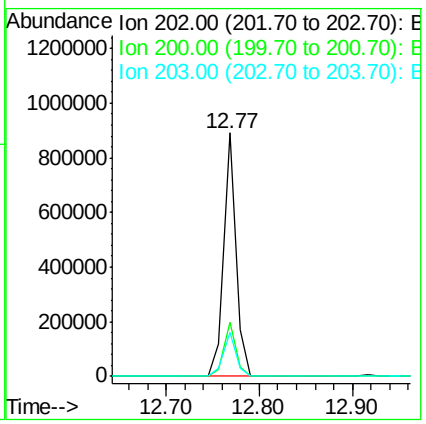


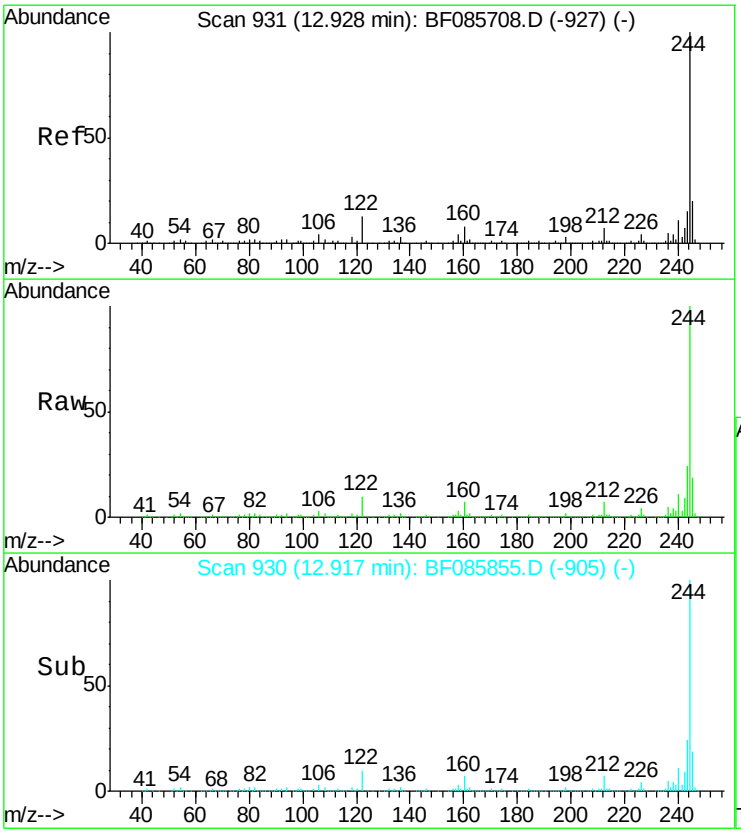
#77
Pyrene
Concen: 30.58 ng
RT: 12.77 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB89295BS

Tgt Ion:202 Resp: 814833

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.0	21.0

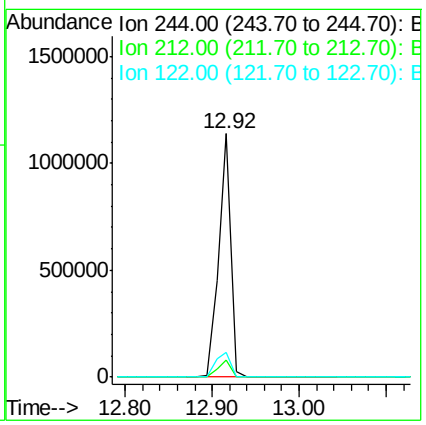


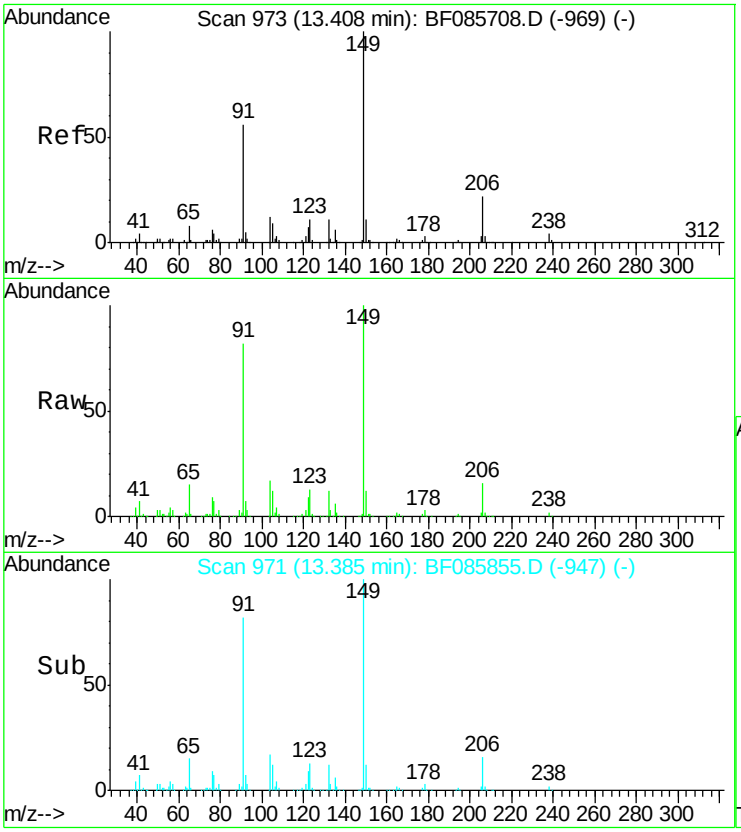


#78
Terphenyl-d14
Concen: 71.03 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:244 Resp: 1119720

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.0	10.2	15.4#



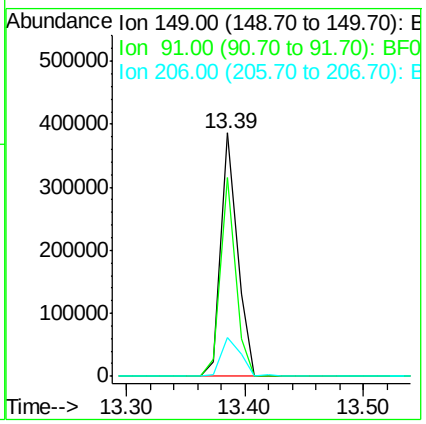


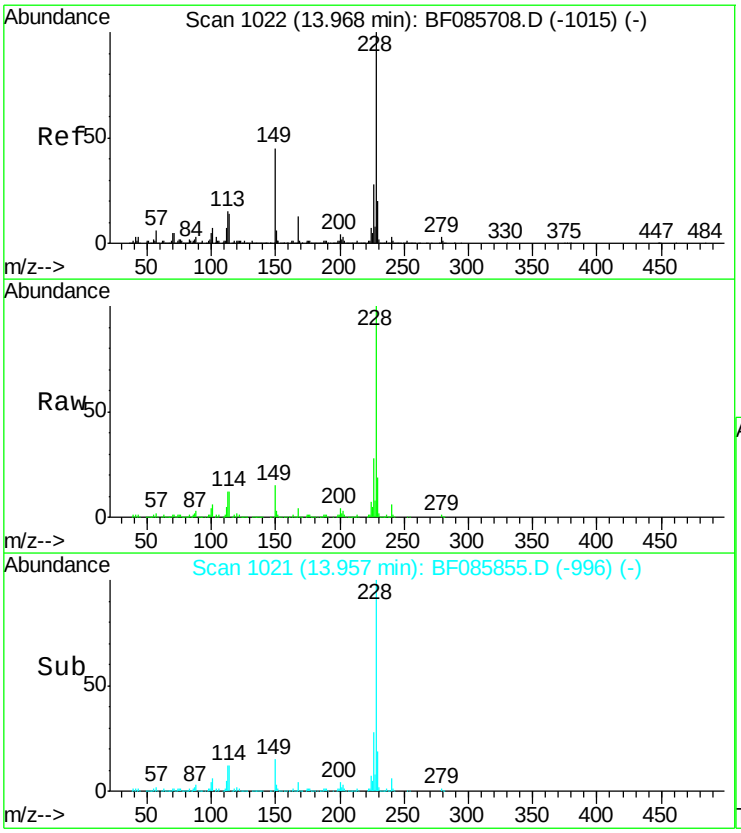
#79
Butylbenzylphthalate
Concen: 33.46 ng
RT: 13.39 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Instrument : BNA_F
ClientSampleId : PB89295BS

Tgt Ion:149 Resp: 373427

Ion	Ratio	Lower	Upper
149	100		
91	81.6	45.8	68.8#
206	16.1	17.8	26.8#





#80
Benzo(a)anthracene
Concen: 38.12 ng
RT: 13.96 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF085855.D
Acq: 29 Mar 2016 18:12

Tgt Ion:228 Resp: 704640

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	19.5	16.2	24.4