Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090680.D
Acq On : 20 Oct 2016 14:20
Operator : UM/SJ
Sample : PB94156BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94156BS

Quant Time: Oct 20 17:59:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.03	152	681238	20.00	ng		0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng		-8.18
38) Acenaphthene-d10	9.93	164	565593	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	894044	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	706043	20.00	ng		-0.01
86) Perylene-d12	15.49	264	408869	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1664009	44.78	ng		0.01
7) Phenol-d6	6.52	99	2067759	37.45	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1368809	0.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	516061	102.34	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2488203	72.49	ng		-0.01
78) Terphenyl-d14	13.00	244	2235222	73.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	218323	10.31	ng		99
3) Pyridine	3.32	79	593218	12.50	ng		98
4) n-Nitrosodimethylamine	3.27	42	244966	19.43	ng		98
6) Aniline	6.62	93	662912	9.93	ng	#	51
8) 2-Chlorophenol	6.67	128	648726	13.46	ng		90
10) Phenol	6.53	94	735895	11.65	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	665585	12.77	ng		94
12) 1,3-Dichlorobenzene	6.90	146	646655	13.46	ng		99
13) 1,4-Dichlorobenzene	6.90	146	627782	12.01	ng		97
14) 1,2-Dichlorobenzene	7.05	146	596987	12.22	ng		95
15) Benzyl Alcohol	7.02	79	519073	13.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	720583	9.83	ng		91
17) 2-Methylphenol	7.15	107	456835	12.17	ng		97
19) n-Nitroso-di-n-propylamine	7.45	70	189257	5.00	ng	#	78
20) 3+4-Methylphenols	7.30	107	511297	11.23	ng	#	81
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	485194	32.35	ng		99
40) Hexachlorocyclopentadiene	9.03	237	534379	72.94	ng		98
42) 2,4,6-Trichlorophenol	9.16	196	330711	39.10	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	349109	34.60	ng		98
45) 1,1'-Biphenyl	9.34	154	1368130	31.79	ng		97
46) 2-Chloronaphthalene	9.38	162	1115682	34.77	ng		93
47) 2-Nitroaniline	9.47	65	413722	35.56	ng		89
48) Acenaphthylene	9.79	152	1746413	34.17	ng		99
49) Dimethylphthalate	9.65	163	1296462	35.33	ng		99
50) 2,6-Dinitrotoluene	9.71	165	263239	32.78	ng	#	61
51) Acenaphthene	9.96	154	1257162	37.01	ng		99
52) 3-Nitroaniline	9.88	138	169922	16.86	ng		93
53) 2,4-Dinitrophenol	9.99	184	281780	65.73	ng	#	61
54) Dibenzofuran	10.13	168	1507010	33.73	ng		93
55) 4-Nitrophenol	10.05	139	435032	71.74	ng		96
56) 2,4-Dinitrotoluene	10.12	165	418896	38.41	ng		90
57) Fluorene	10.47	166	1230763	33.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	266939	31.76	ng	#	90
59) Diethylphthalate	10.35	149	1289132	34.64	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090680.D
Acq On : 20 Oct 2016 14:20
Operator : UM/SJ
Sample : PB94156BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94156BS

Quant Time: Oct 20 17:59:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) 4-Chlorophenyl-phenylether	10.46	204	538981	31.02	ng	#	83
61) 4-Nitroaniline	10.50	138	286884	28.39	ng		93
62) Azobenzene	10.62	77	1564534	36.34	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	175374	32.41	ng		88
65) n-Nitrosodiphenylamine	10.59	169	1077435	36.48	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	304634	31.76	ng	#	80
67) Hexachlorobenzene	11.02	284	372037	35.72	ng	#	85
68) Atrazine	11.11	200	286863	35.12	ng		99
69) Pentachlorophenol	11.22	266	412663	79.94	ng		96
70) Phenanthrene	11.43	178	1581151	33.13	ng		99
71) Anthracene	11.49	178	1836226	35.75	ng		99
72) Carbazole	11.64	167	1506066	32.76	ng		98
73) Di-n-butylphthalate	11.97	149	1850366	34.35	ng	#	97
74) Fluoranthene	12.62	202	1597933	33.29	ng		95
76) Benzidine	12.75	184	405984	23.11	ng		96
77) Pyrene	12.85	202	1590112	34.00	ng		99
79) Butylbenzylphthalate	13.47	149	805554	38.88	ng	#	79
80) Benzo(a)anthracene	14.04	228	1390457	34.59	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	315837	23.00	ng		99
82) Chrysene	14.08	228	1303473	33.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1133411	40.55	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1721002	45.92	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	883217	39.44	ng		98
87) Benzo(b)fluoranthene	15.08	252	962358	35.97	ng		98
88) Benzo(k)fluoranthene	15.08	252	962358	33.43	ng		99
89) Benzo(a)pyrene	15.44	252	877331	35.82	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	747753	40.03	ng		98
91) Benzo(g,h,i)perylene	17.36	276	710122	39.87	ng		98

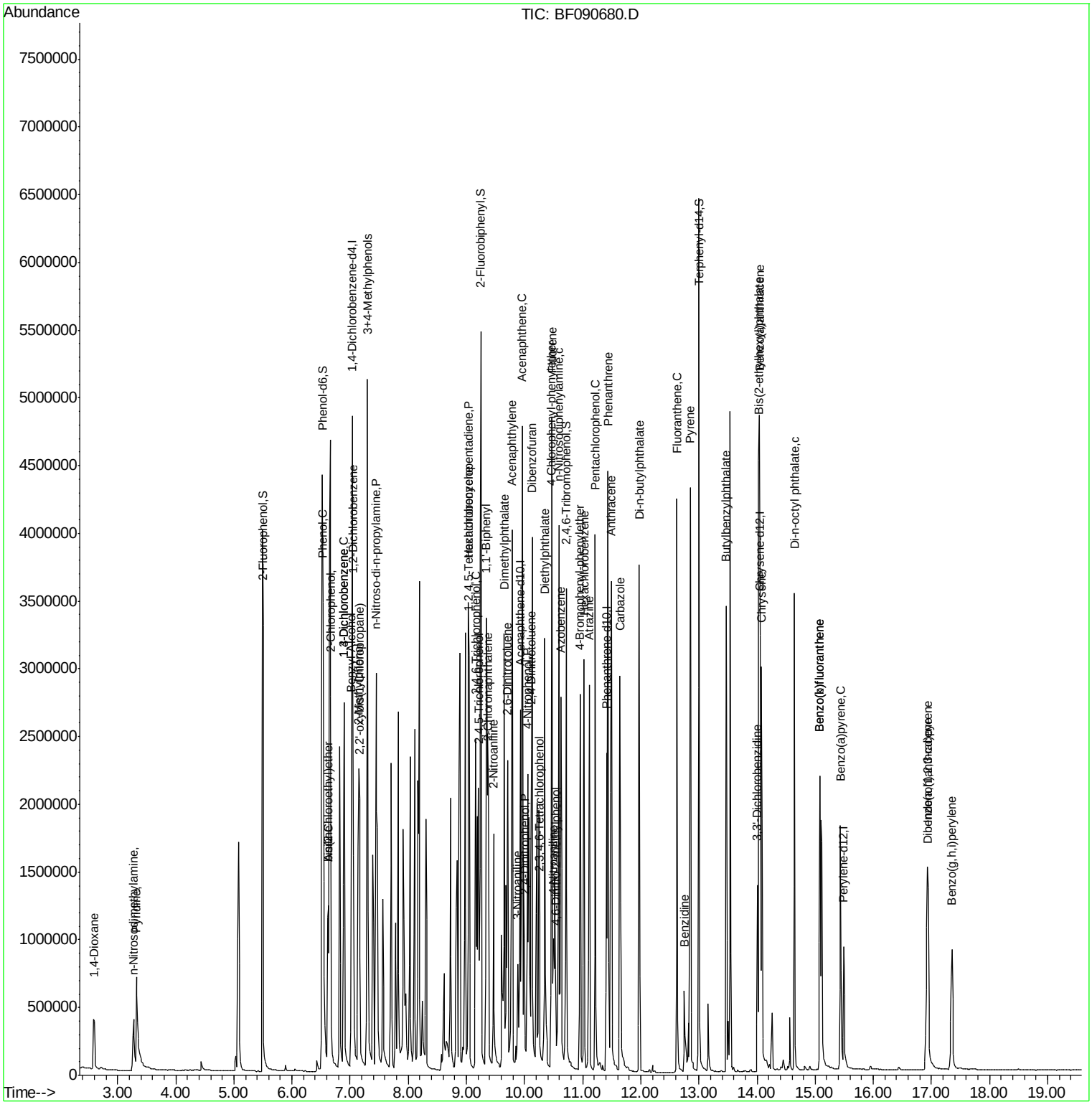
(#) = qualifier out of range (m) = manual integration (+) = signals summed

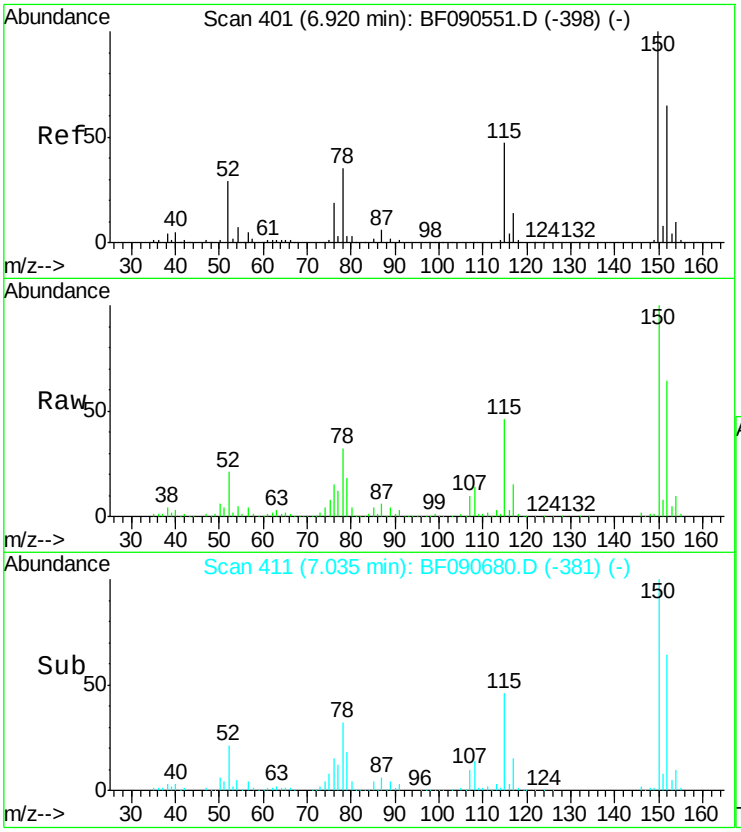
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090680.D
Acq On : 20 Oct 2016 14:20
Operator : UM/SJ
Sample : PB94156BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94156BS

Quant Time: Oct 20 17:59:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration



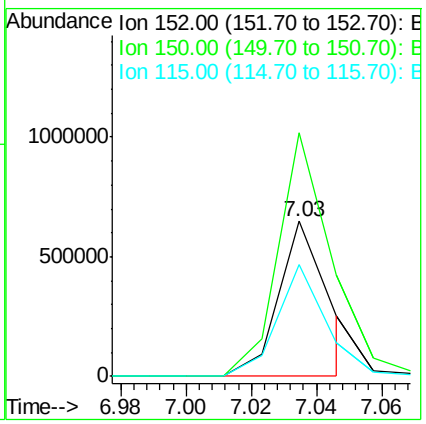


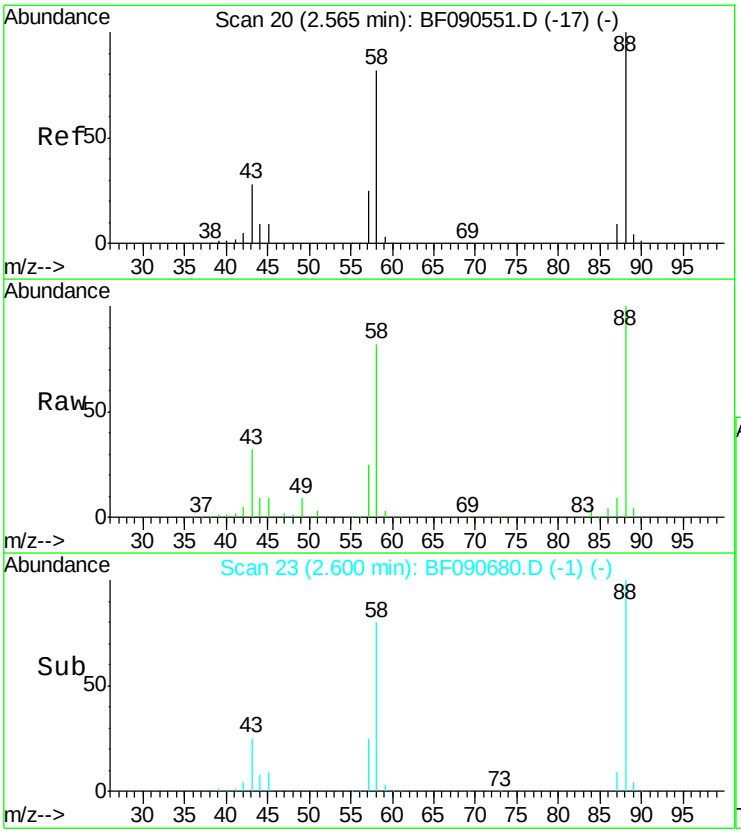
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.03 min Scan# 411
Delta R.T. 0.15 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:152 Resp: 681238

Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.2	190.8
115	72.1	58.6	88.0

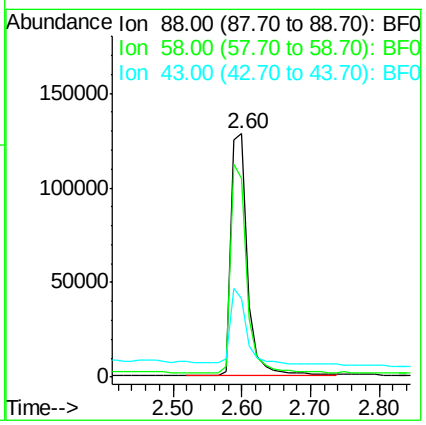


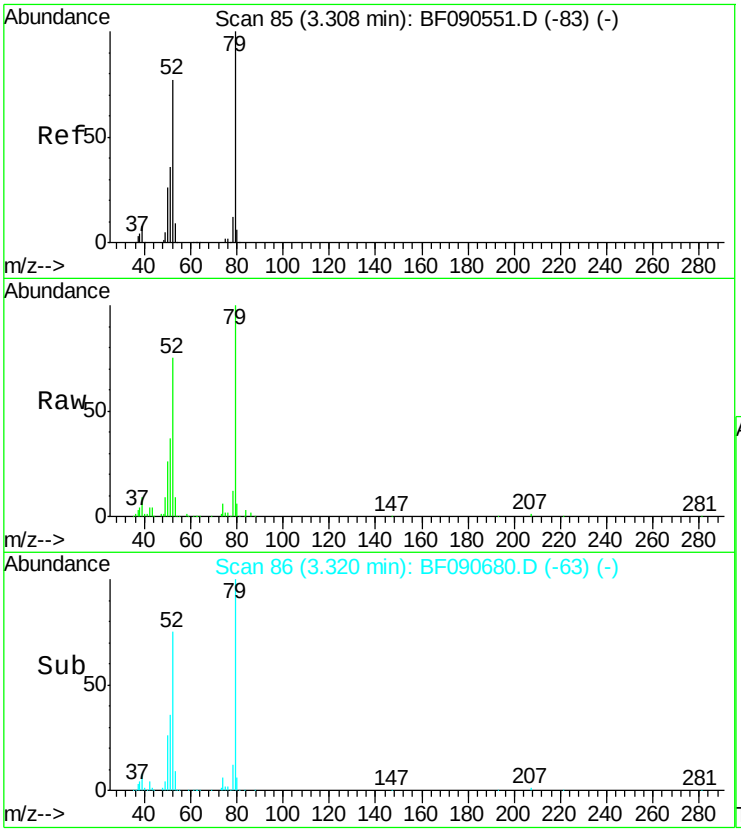


#2
1,4-Dioxane
Concen: 10.31 ng
RT: 2.60 min Scan# 23
Delta R.T. 0.08 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion: 88 Resp: 218323

Ion	Ratio	Lower	Upper
88	100		
58	82.9	67.2	100.8
43	30.5	24.1	36.1



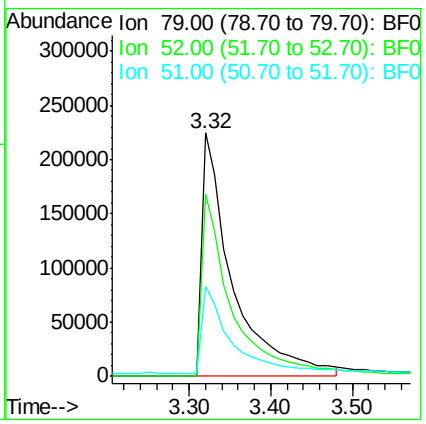


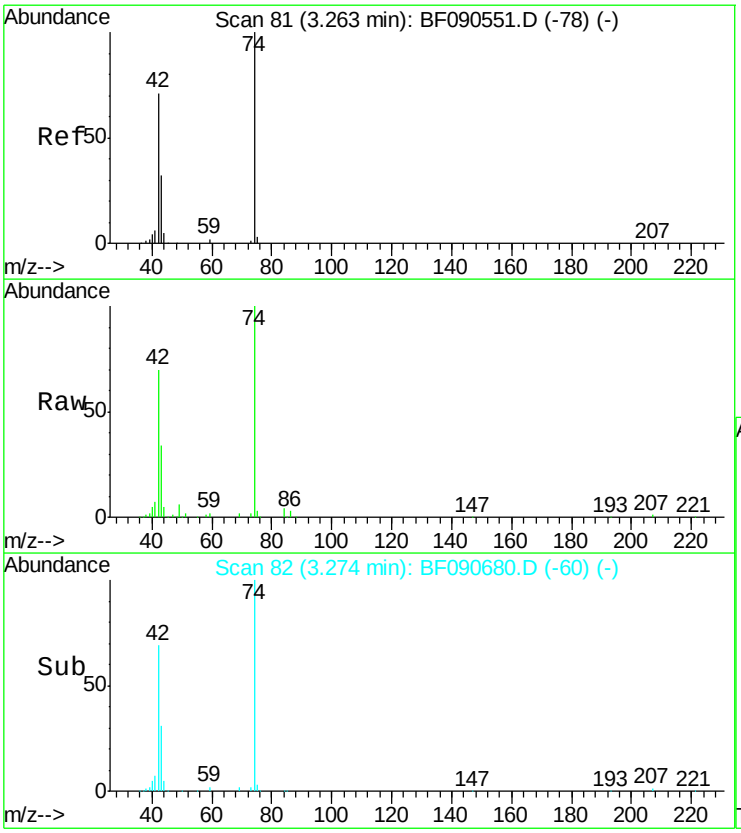
#3
Pyridine
Concen: 12.50 ng
RT: 3.32 min Scan# 86
Delta R.T. 0.07 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion: 79 Resp: 593218

Ion	Ratio	Lower	Upper
79	100		
52	74.8	61.8	92.8
51	36.9	29.2	43.8

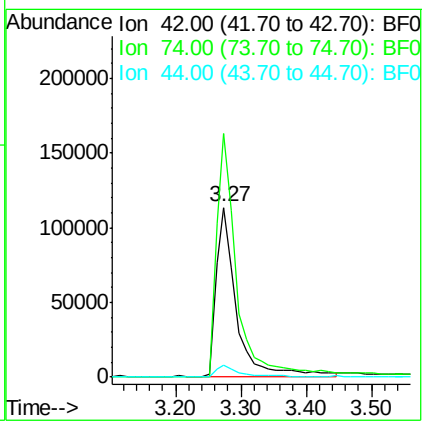


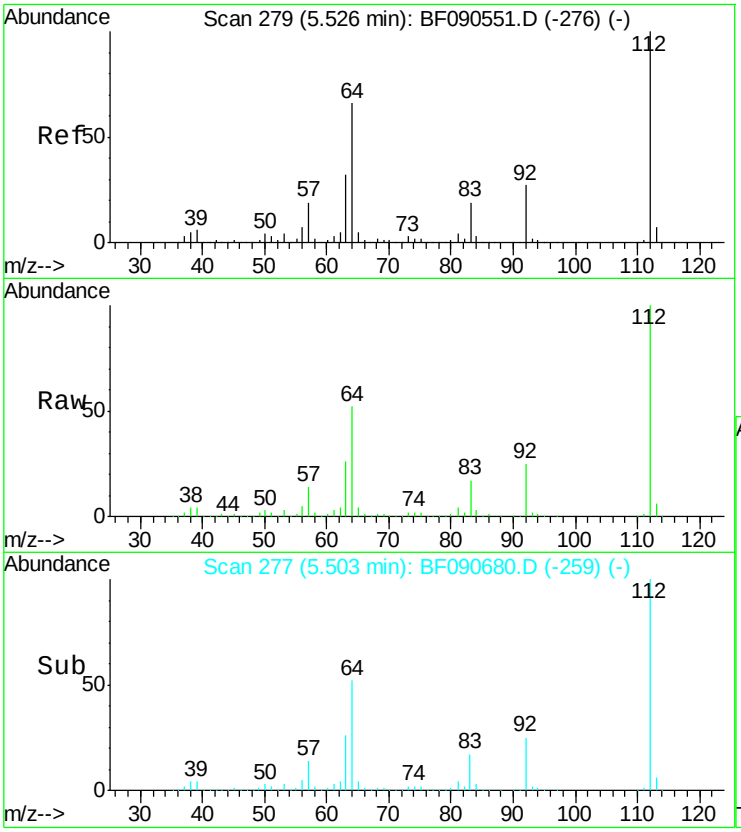


#4
n-Nitrosodimethylamine
Concen: 19.43 ng
RT: 3.27 min Scan# 82
Delta R.T. 0.06 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion: 42 Resp: 244966

Ion	Ratio	Lower	Upper
42	100		
74	143.6	113.3	169.9
44	7.4	6.0	9.0



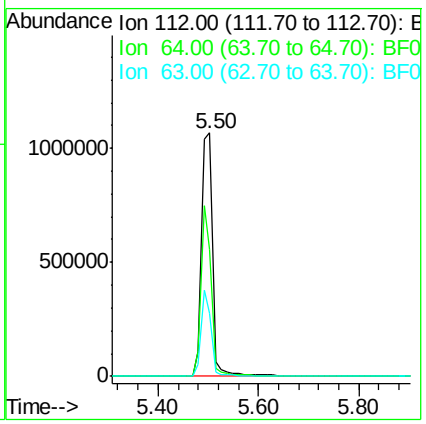


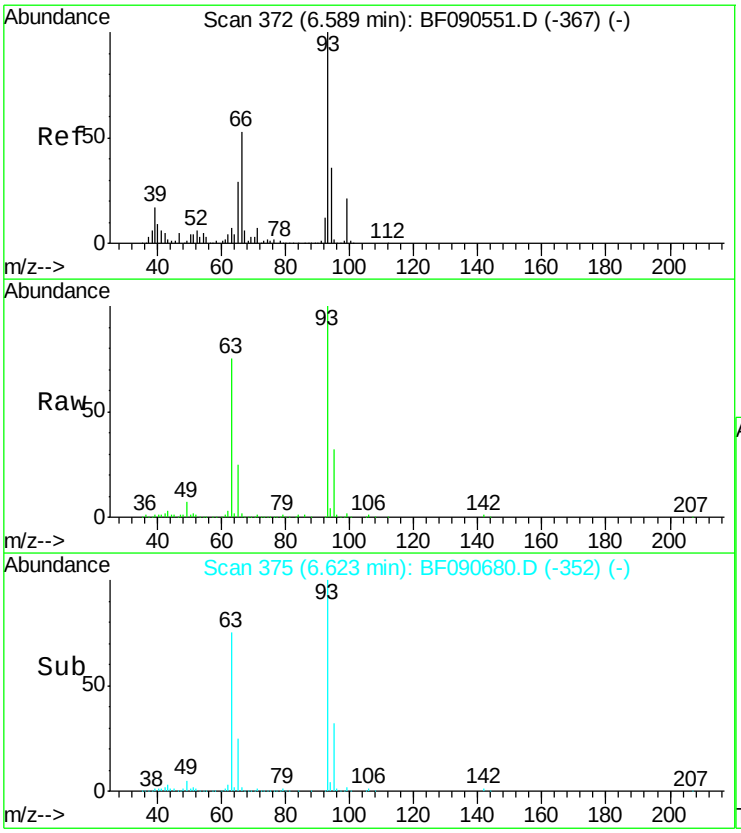
#5
2-Fluorophenol
Concen: 44.78 ng
RT: 5.50 min Scan# 277
Delta R.T. 0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:112 Resp: 1664009

Ion	Ratio	Lower	Upper
112	100		
64	52.3	52.6	78.8#
63	25.7	26.0	39.0#

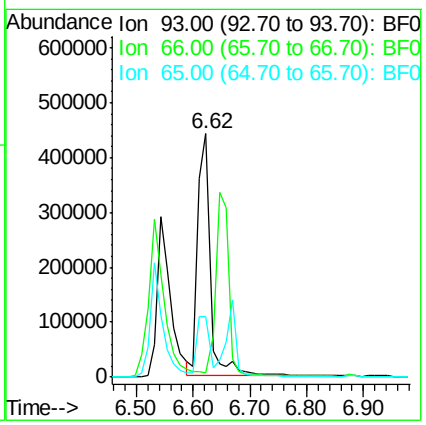


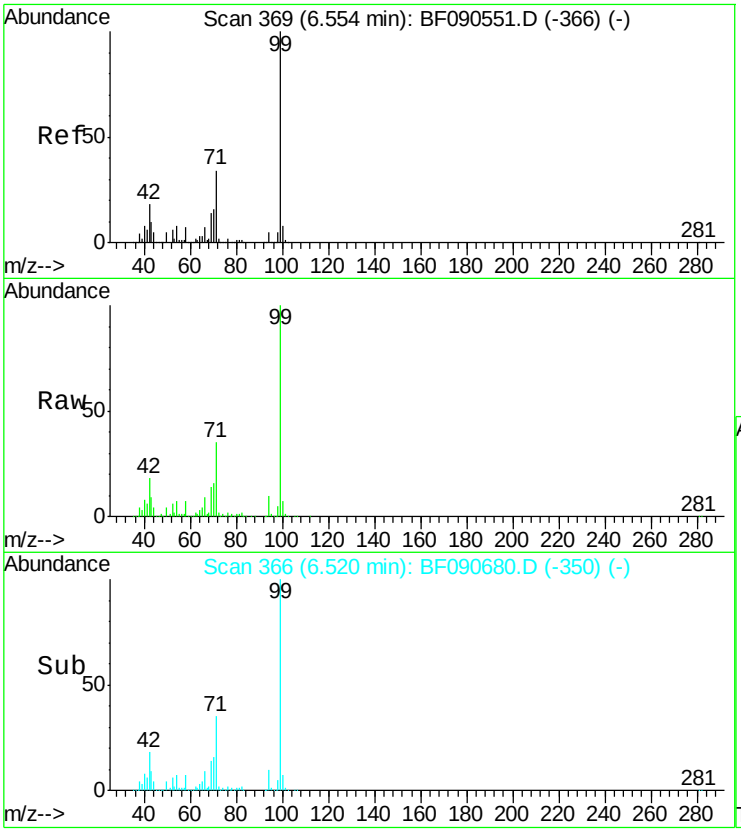


#6
Aniline
Concen: 9.93 ng
RT: 6.62 min Scan# 375
Delta R.T. 0.07 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion: 93 Resp: 662912

Ion	Ratio	Lower	Upper
93	100		
66	1.8	42.2	63.2#
65	24.9	22.9	34.3



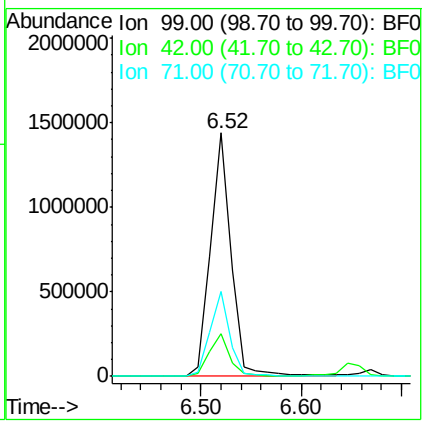


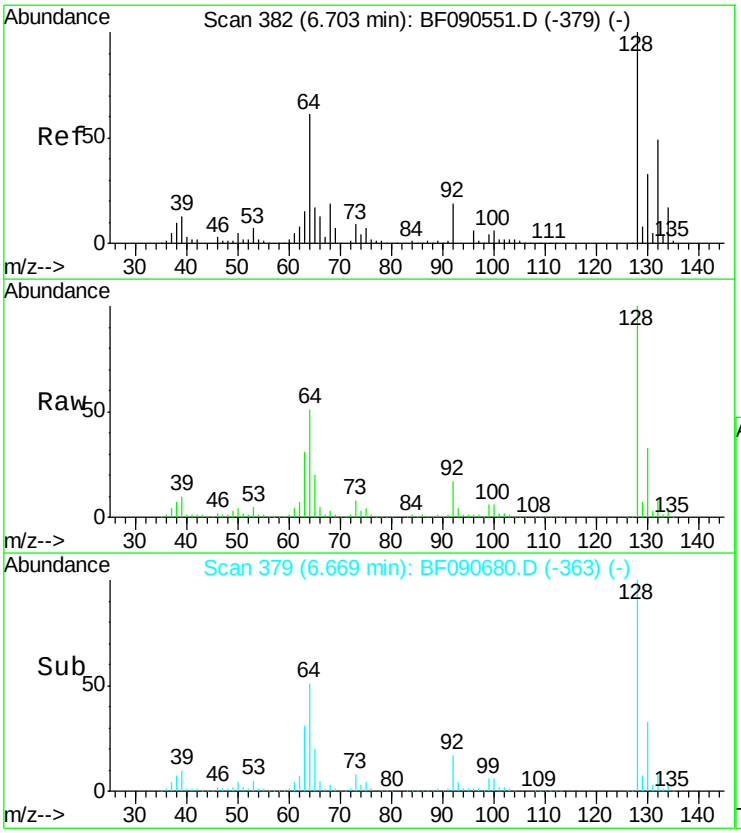
#7
Phenol-d6
Concen: 37.45 ng
RT: 6.52 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion: 99 Resp: 2067759

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.7	22.1
71	34.8	27.6	41.4

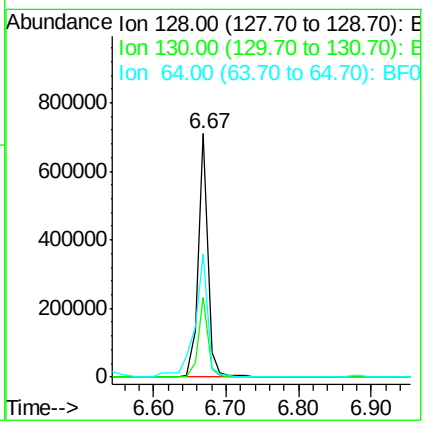


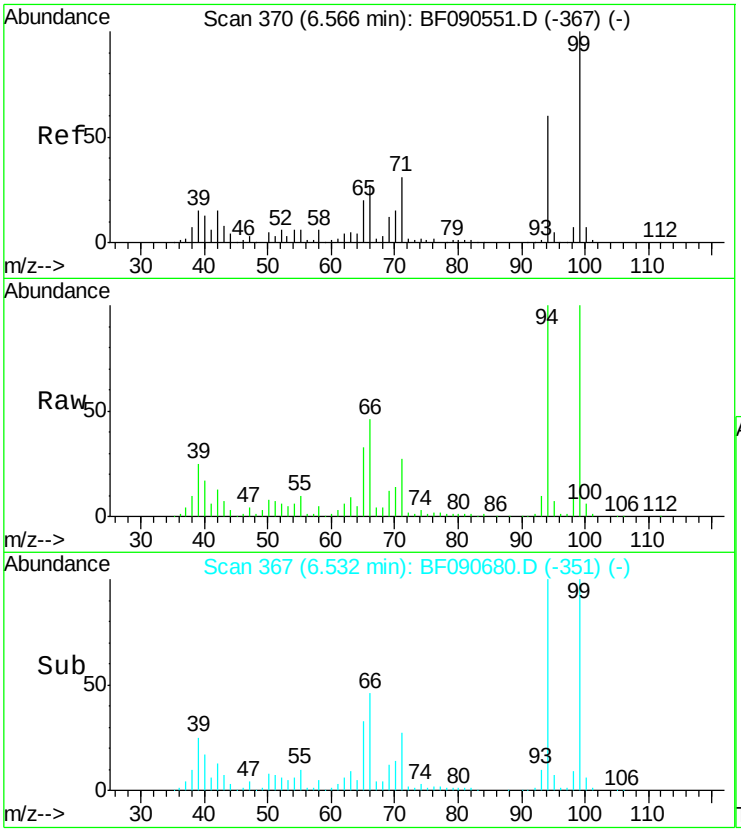


#8
2-Chlorophenol
Concen: 13.46 ng
RT: 6.67 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:128 Resp: 648726

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	50.8	42.6	82.6



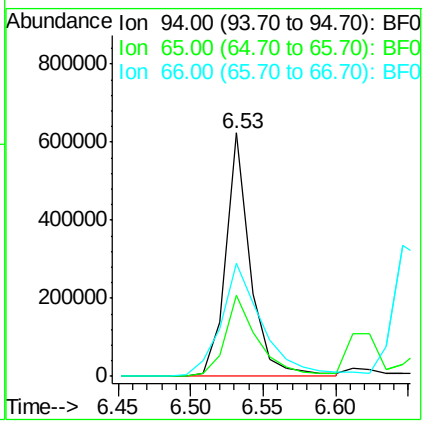


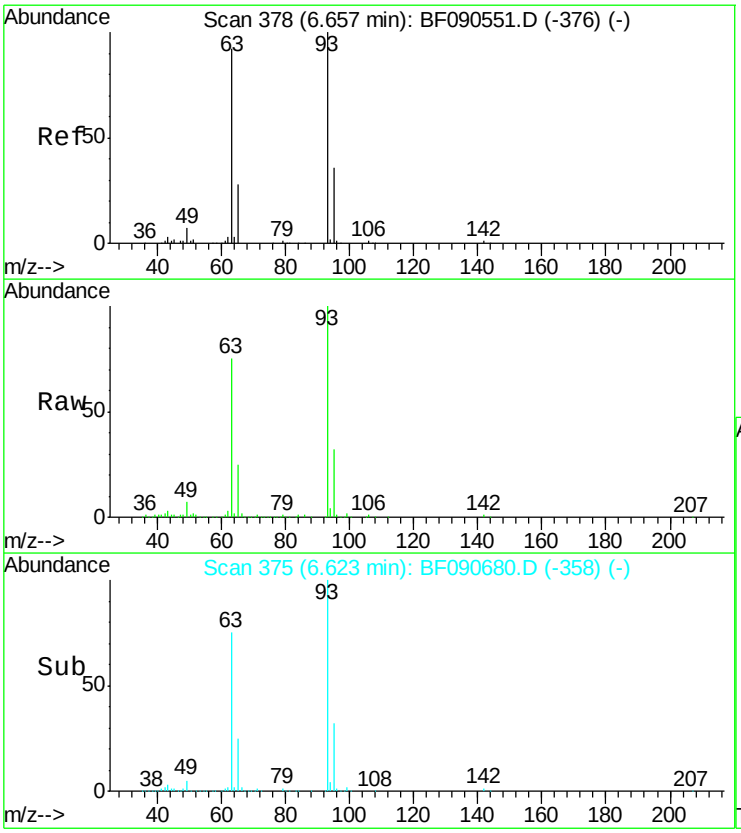
#10
Phenol
Concen: 11.65 ng
RT: 6.53 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion: 94 Resp: 735895

Ion	Ratio	Lower	Upper
94	100		
65	33.5	12.5	52.5
66	46.3	25.5	65.5

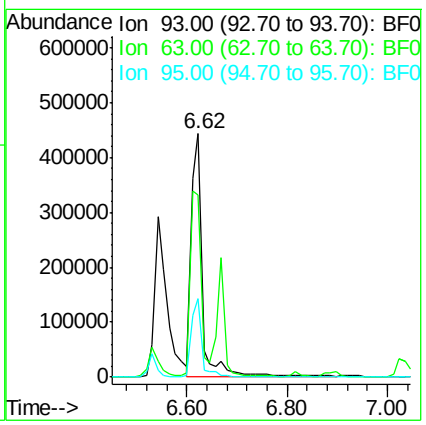


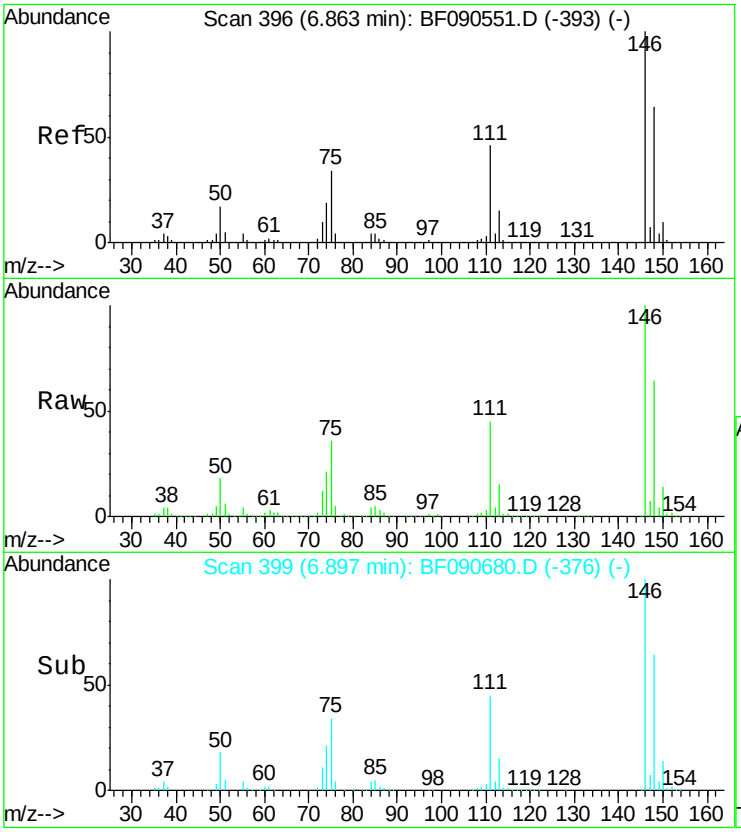


#11
bis(2-Chloroethyl)ether
Concen: 12.77 ng
RT: 6.62 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion: 93 Resp: 665585

Ion	Ratio	Lower	Upper
93	100		
63	74.8	61.6	101.6
95	32.3	11.8	51.8



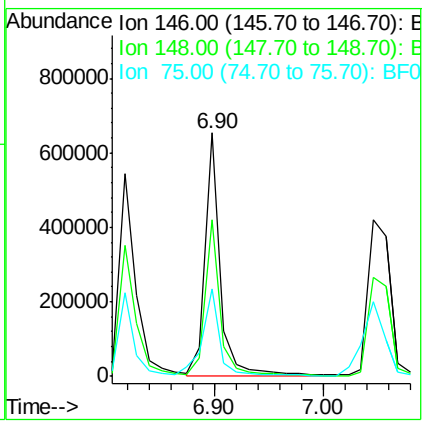


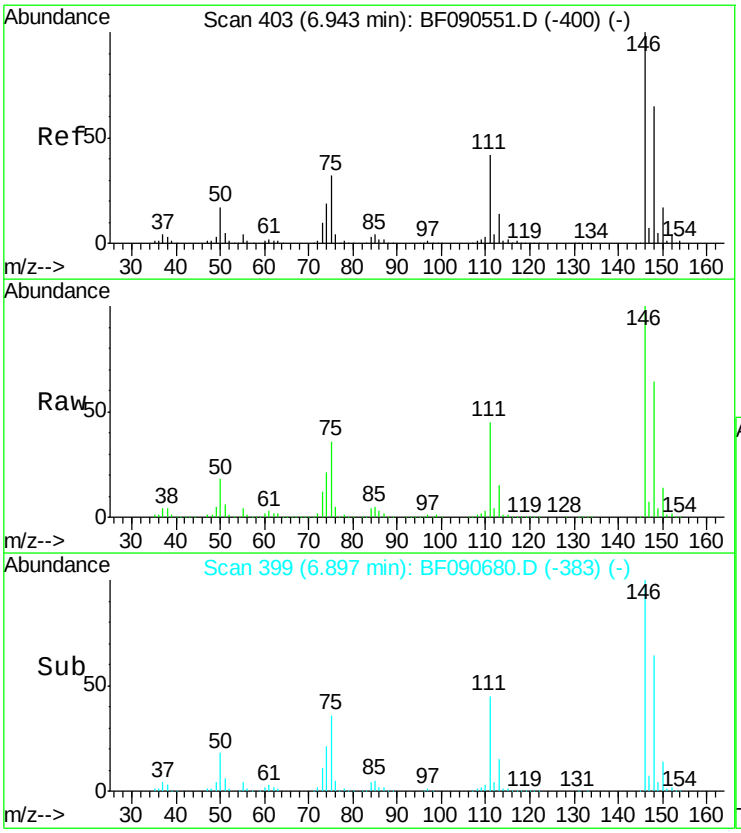
#12
1,3-Dichlorobenzene
Concen: 13.46 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.07 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:146 Resp: 646655

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	36.1	27.0	40.6

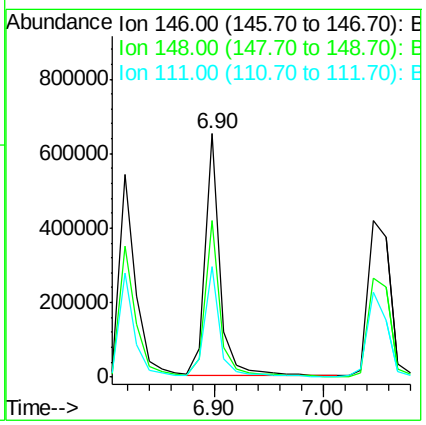


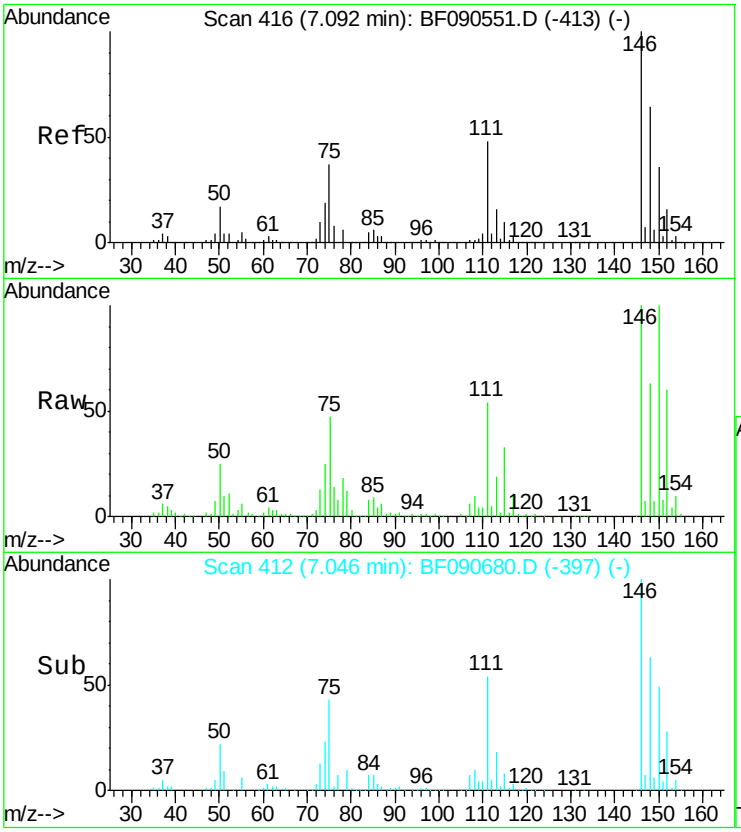


#13
1,4-Dichlorobenzene
Concen: 12.01 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:146 Resp: 627782

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	45.5	33.7	50.5



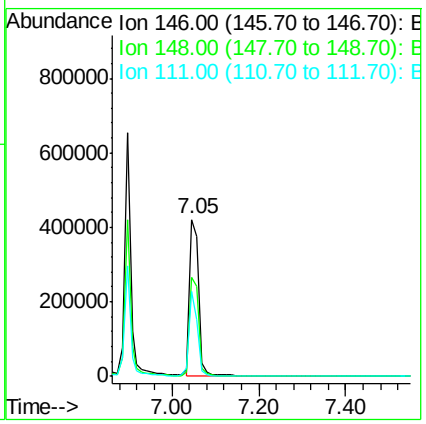


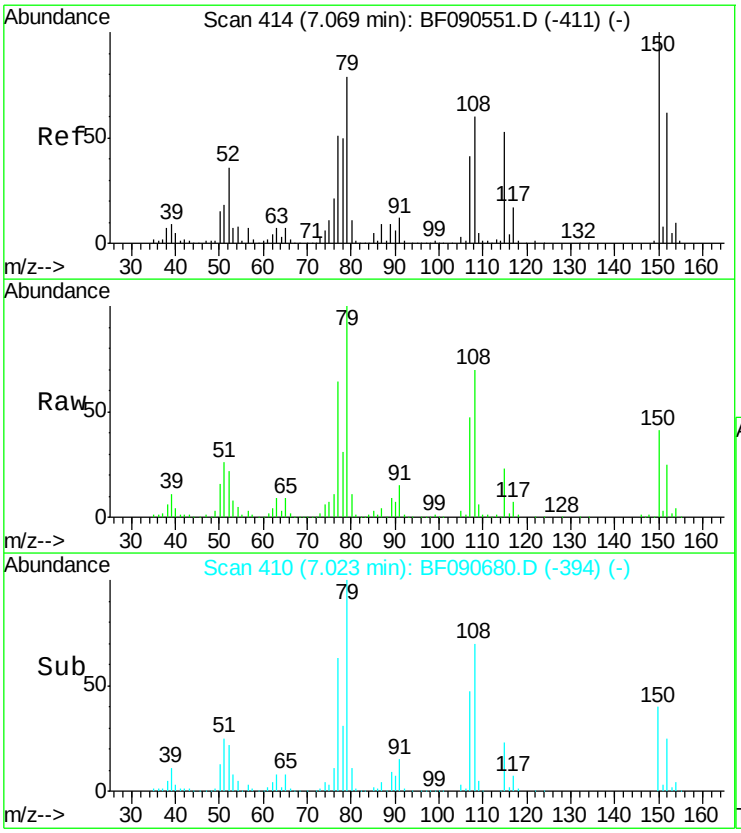
#14
1,2-Dichlorobenzene
Concen: 12.22 ng
RT: 7.05 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:146 Resp: 596987

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	54.1	38.2	57.2

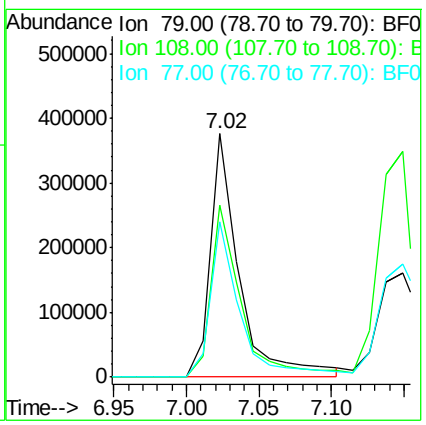


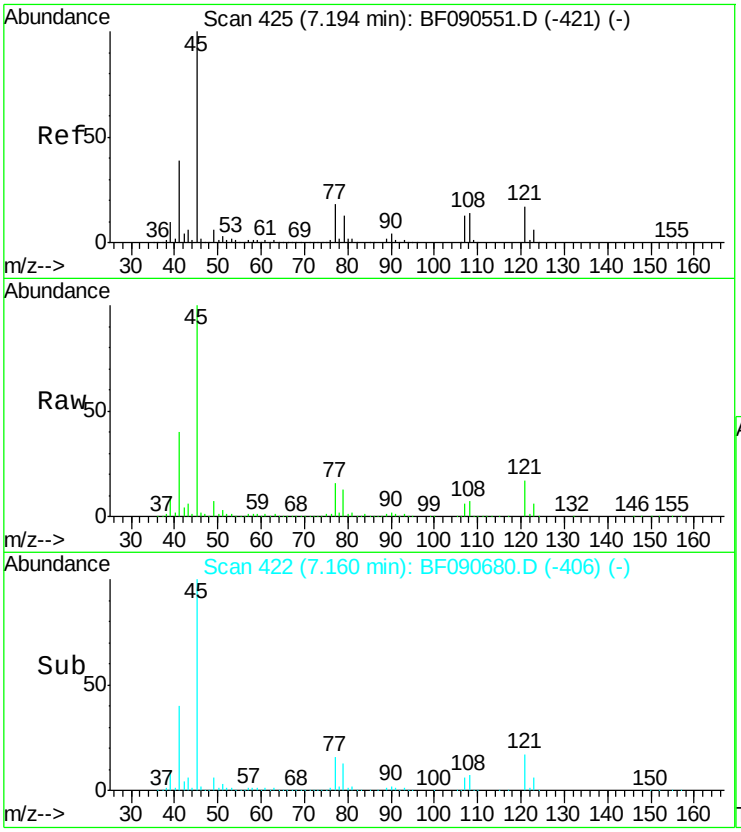


#15
Benzyl Alcohol
Concen: 13.80 ng
RT: 7.02 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion: 79 Resp: 519073

Ion	Ratio	Lower	Upper
79	100		
108	70.5	60.2	90.4
77	63.7	52.0	78.0



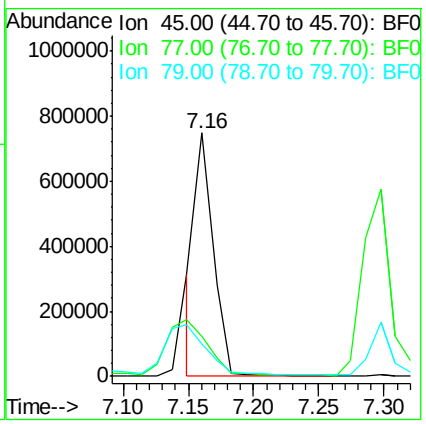


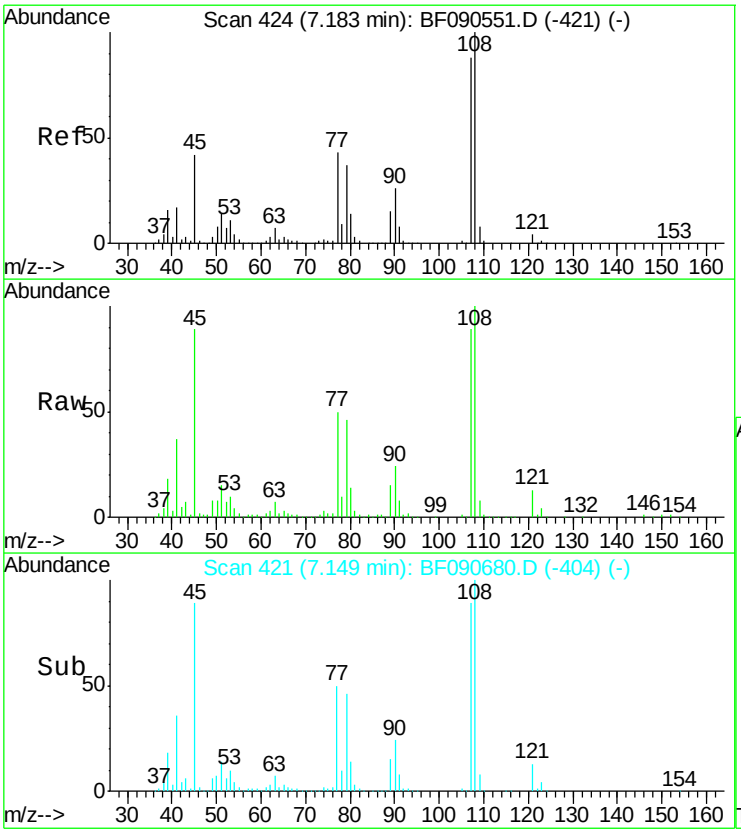
#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.83 ng
RT: 7.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion: 45 Resp: 720583

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.9	40.9
79	13.4	0.0	37.3

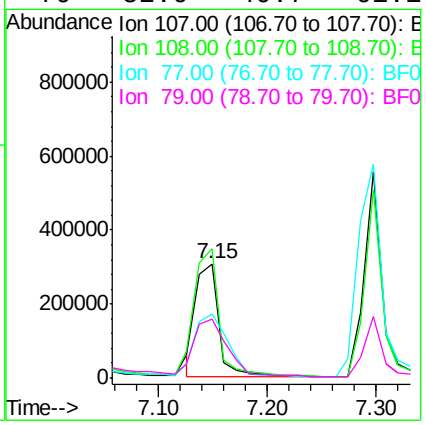


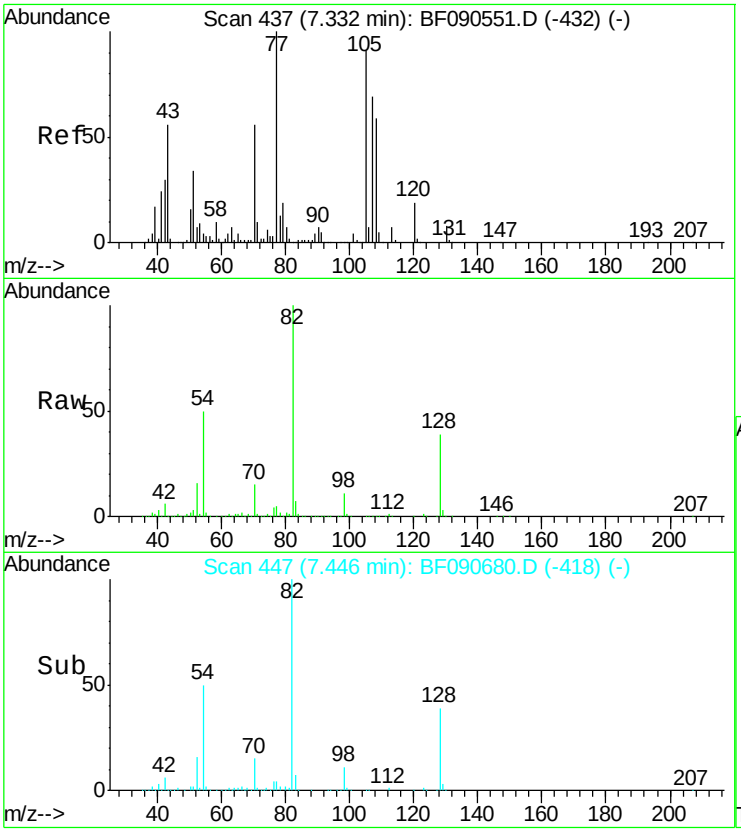


#17
2-Methylphenol
Concen: 12.17 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:107 Resp: 456835

Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.6	138.8
77	56.5	42.2	63.2
79	52.0	40.7	61.1



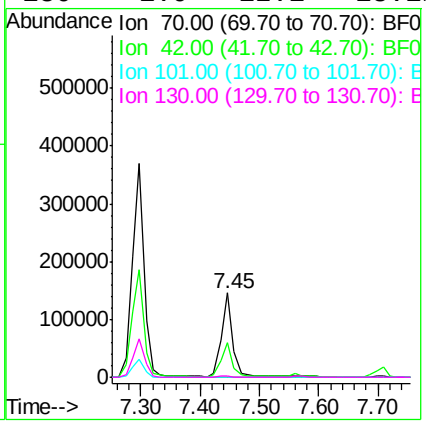


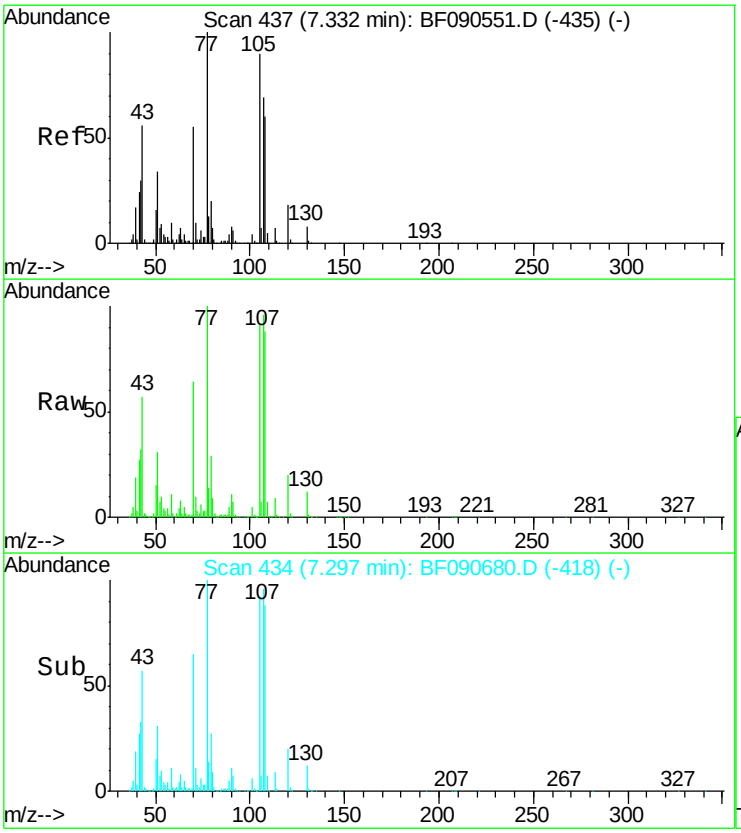
#19
n-Nitroso-di-n-propylamine
Concen: 5.00 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.14 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion: 70 Resp: 189257

Ion	Ratio	Lower	Upper
70	100		
42	40.4	43.4	65.0#
101	0.0	6.4	9.6#
130	1.9	12.1	18.1#

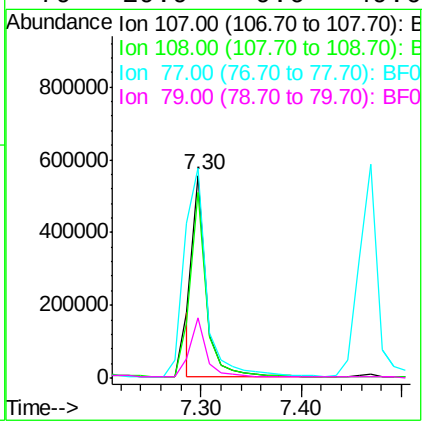


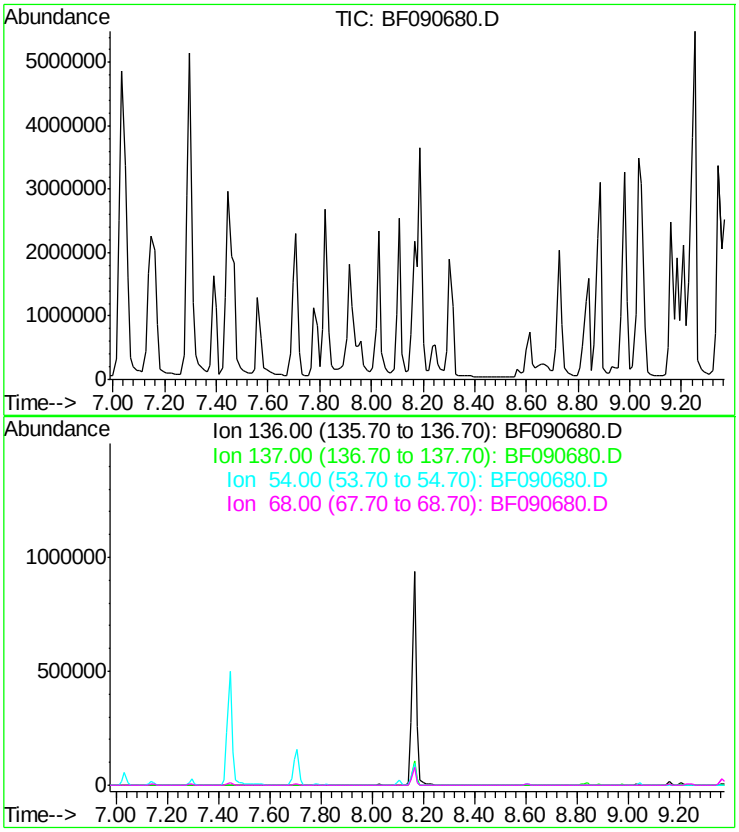


#20
3+4-Methylphenols
Concen: 11.23 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:107 Resp: 511297

Ion	Ratio	Lower	Upper
107	100		
108	91.6	67.7	107.7
77	103.8	123.1	163.1#
79	29.9	9.6	49.6





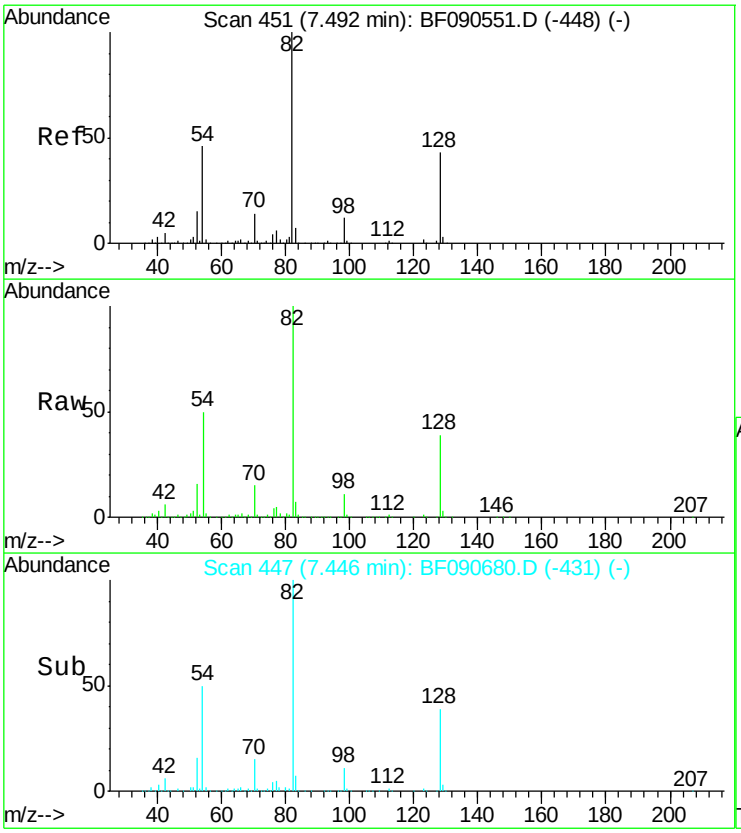
#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.18 min

Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion: 136

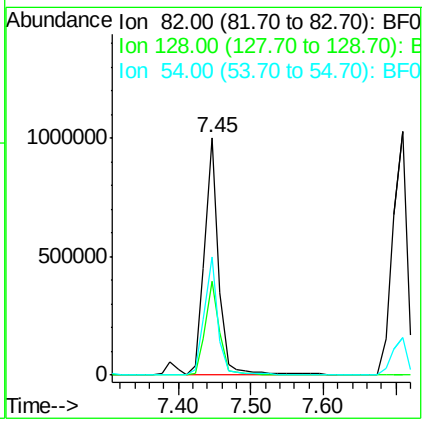
Sig	Exp Ratio
136	100
137	11.0
54	8.5
68	7.5

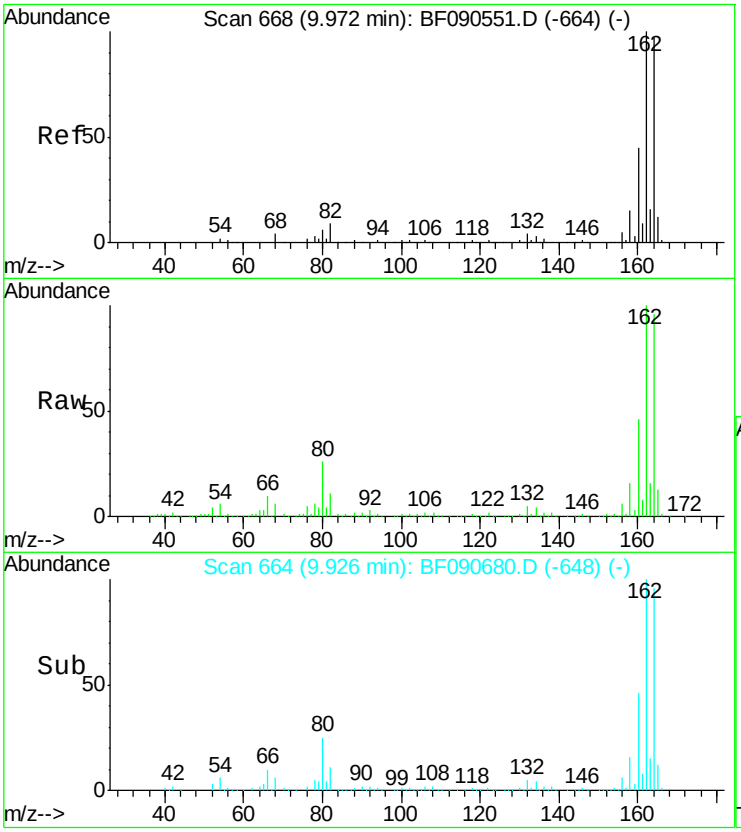


#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.45 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion: 82 Resp: 1368809

Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.3	51.5
54	49.9	37.0	55.6



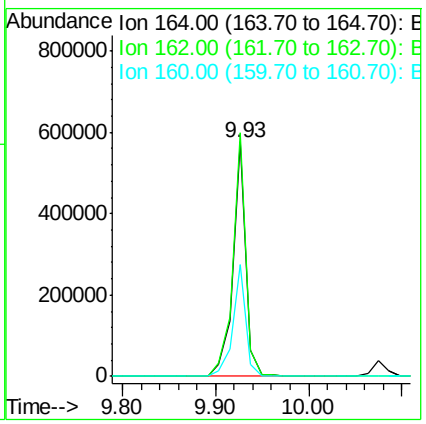


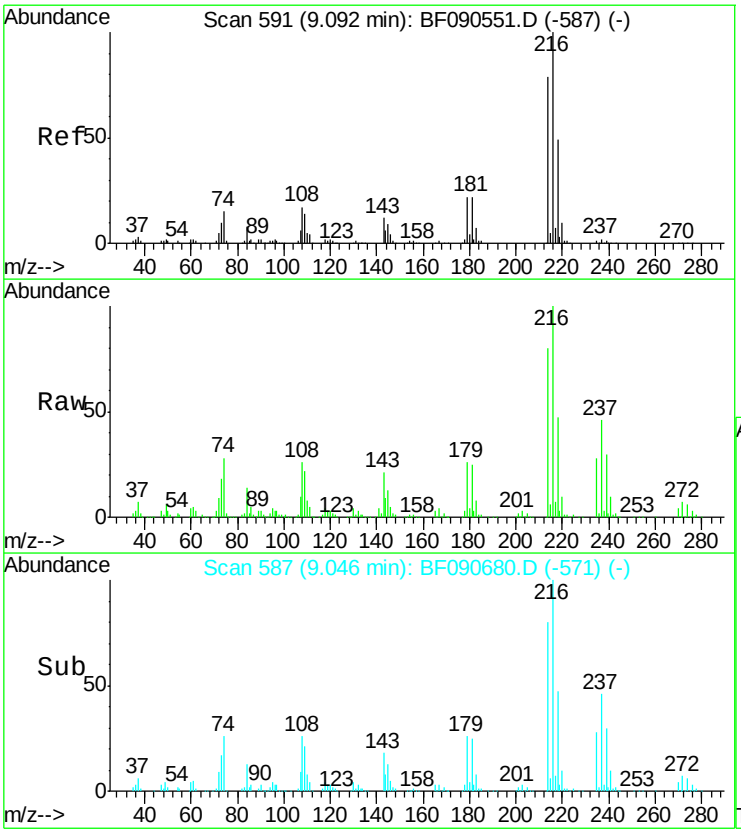
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:164 Resp: 565593

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.2	123.4
160	47.7	36.6	55.0

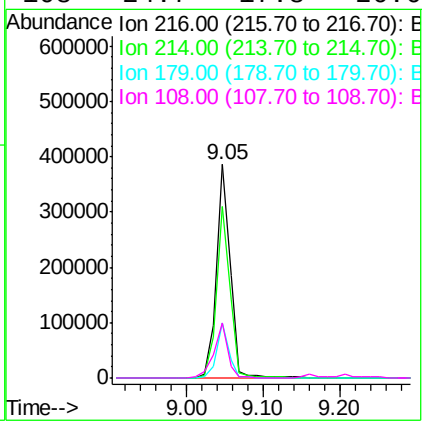


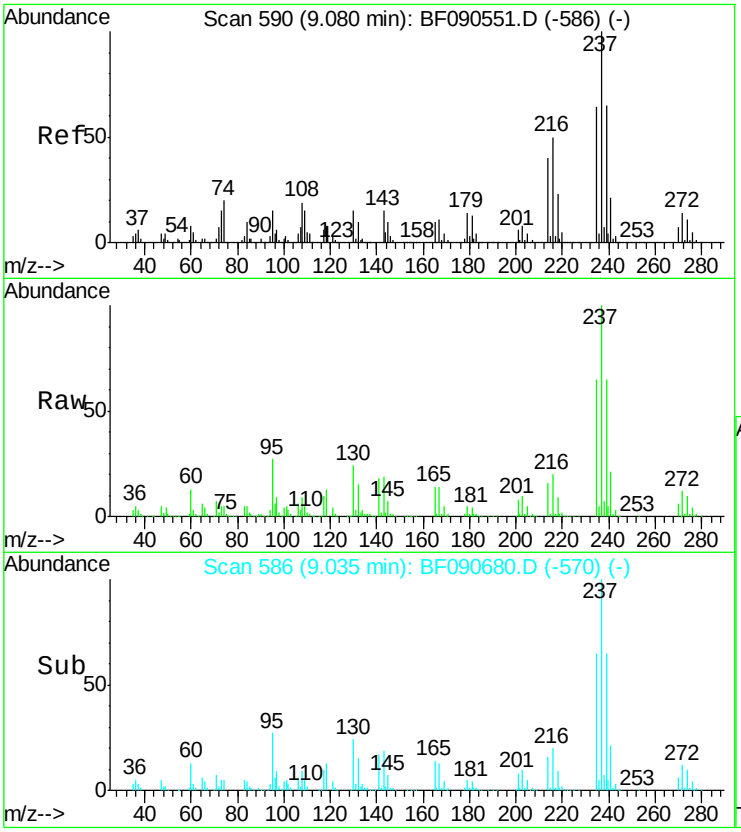


#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.35 ng
RT: 9.05 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:216 Resp: 485194

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	23.3	18.9	28.3
108	24.7	17.8	26.6



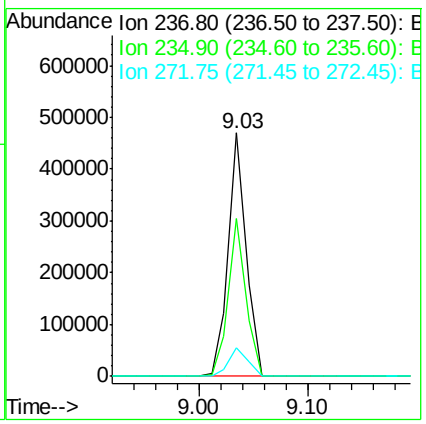


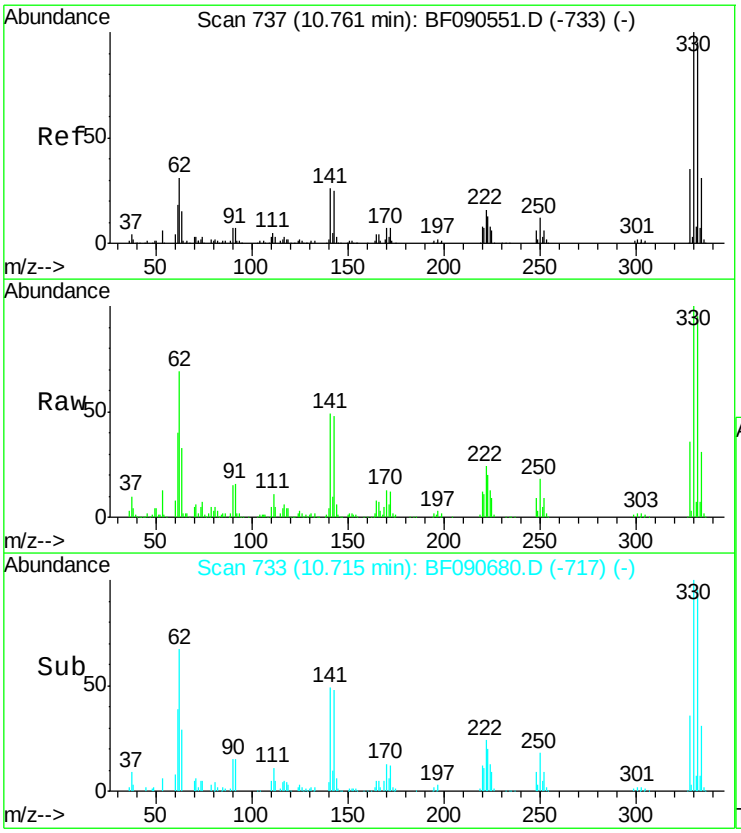
#40
Hexachlorocyclopentadiene
Concen: 72.94 ng
RT: 9.03 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:237 Resp: 534379

Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.8	83.8
272	11.9	0.0	33.7

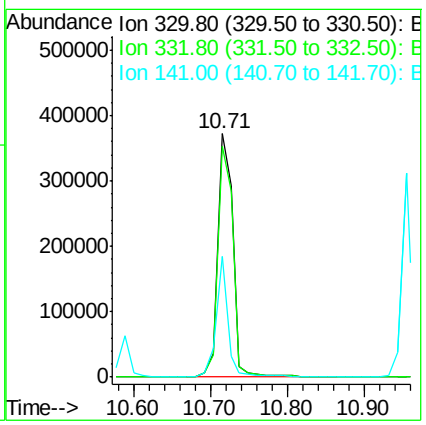


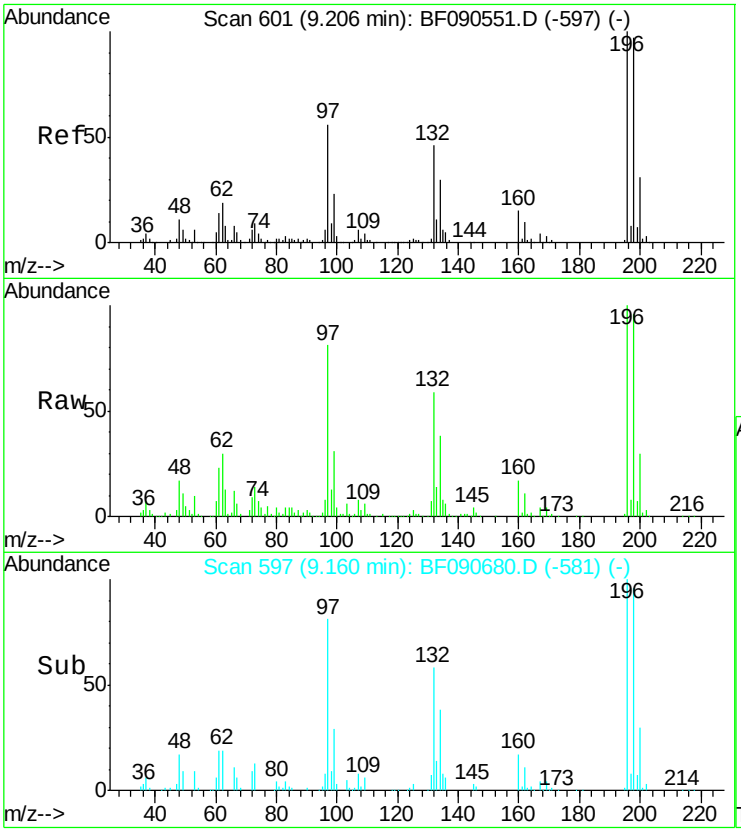


#41
2,4,6-Tribromophenol
Concen: 102.34 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:330 Resp: 516061

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.2
141	36.5	31.4	47.2



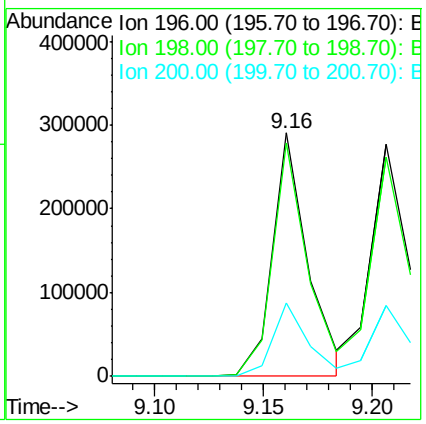


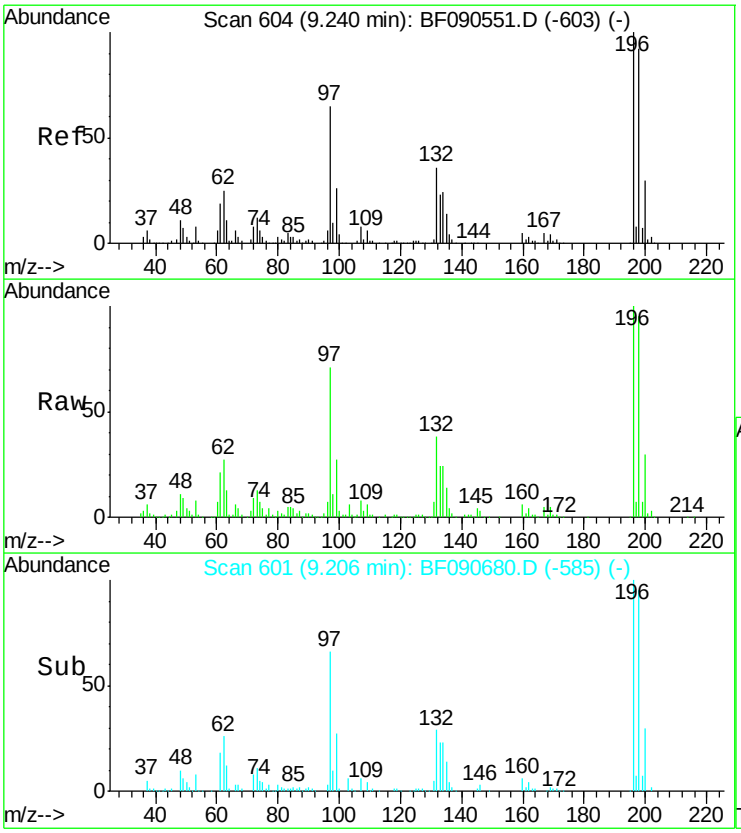
#42
2,4,6-Trichlorophenol
Concen: 39.10 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:196 Resp: 330711

Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.9	116.9
200	30.0	25.1	37.7

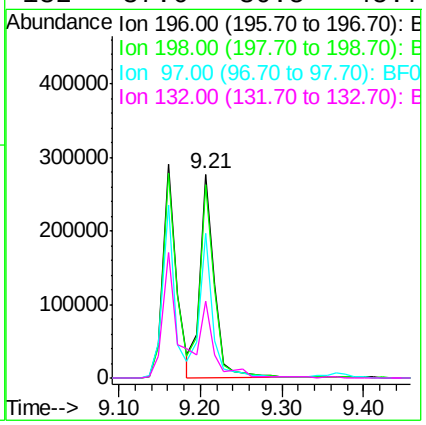


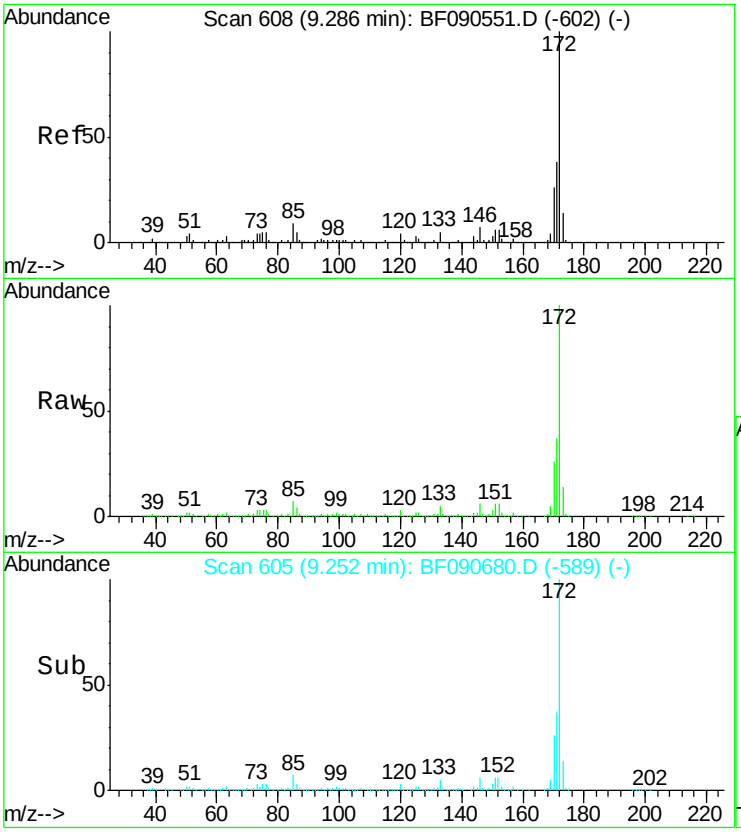


#43
2,4,5-Trichlorophenol
Concen: 34.60 ng
RT: 9.21 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:196 Resp: 349109

Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.0	111.0
97	71.2	54.7	82.1
132	37.6	30.5	45.7



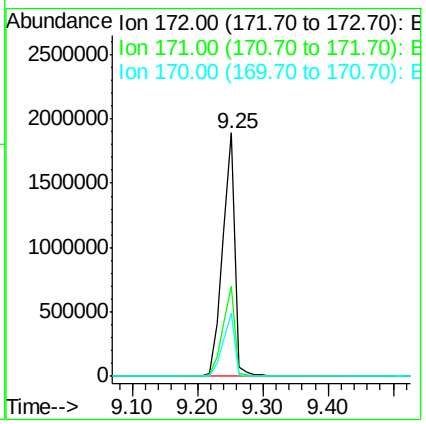


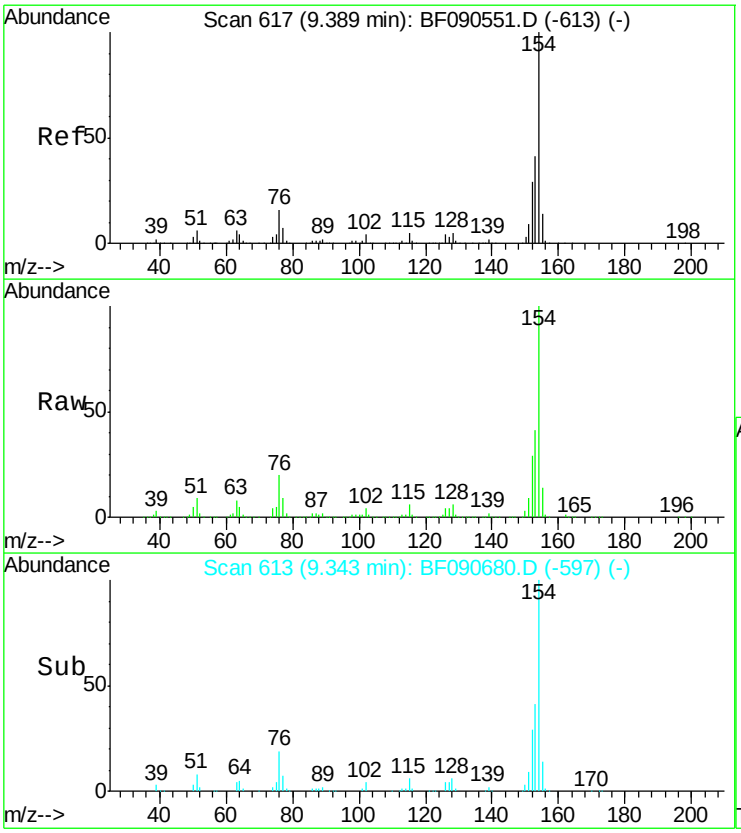
#44
2-Fluorobiphenyl
Concen: 72.49 ng
RT: 9.25 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:172 Resp: 2488203

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.1	45.1
170	25.8	20.6	30.8

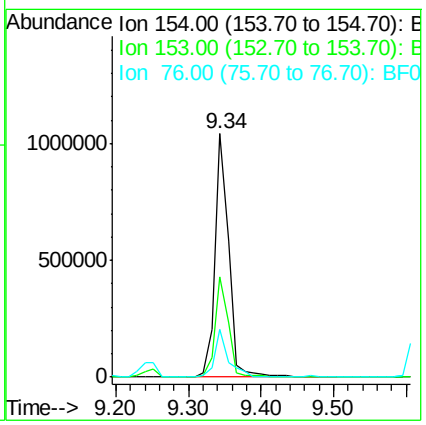


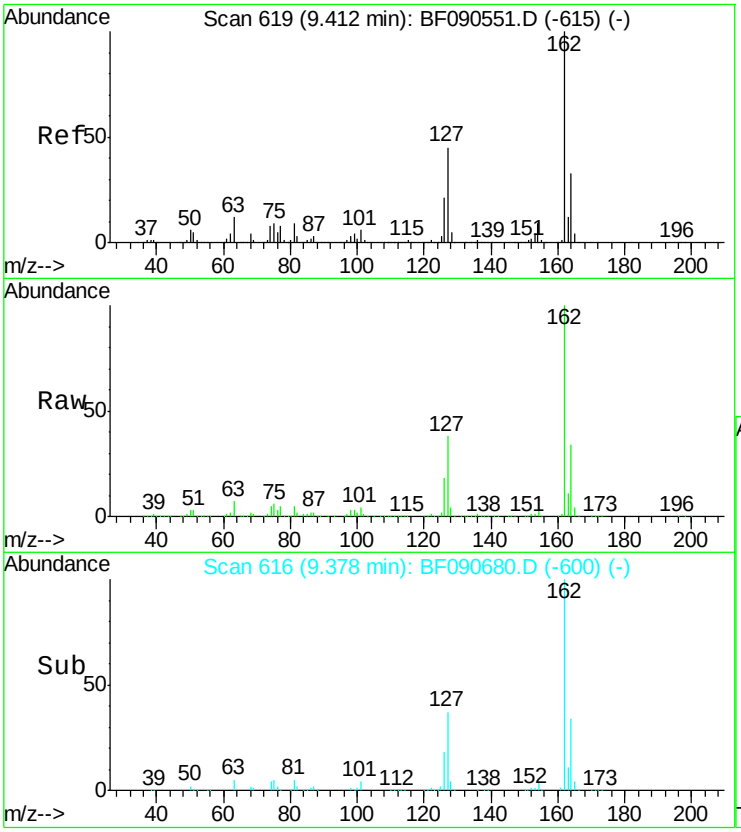


#45
1,1'-Biphenyl
Concen: 31.79 ng
RT: 9.34 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:154 Resp: 1368130

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.5	61.5
76	19.8	0.0	36.0



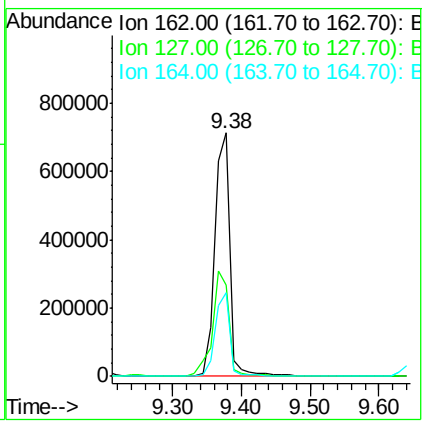


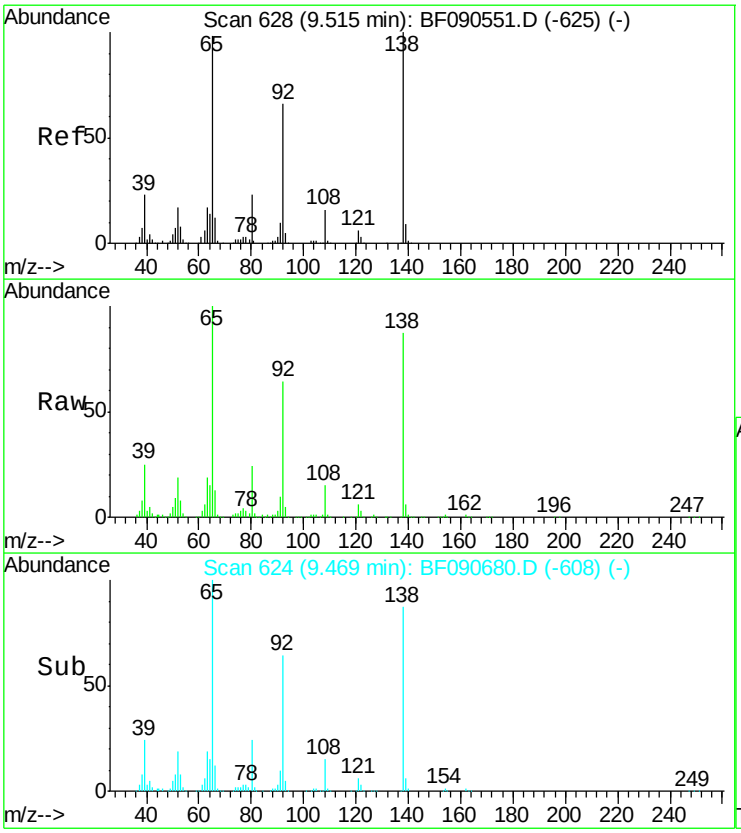
#46
2-Chloronaphthalene
Concen: 34.77 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:162 Resp: 1115682

Ion	Ratio	Lower	Upper
162	100		
127	37.5	35.9	53.9
164	34.2	26.7	40.1

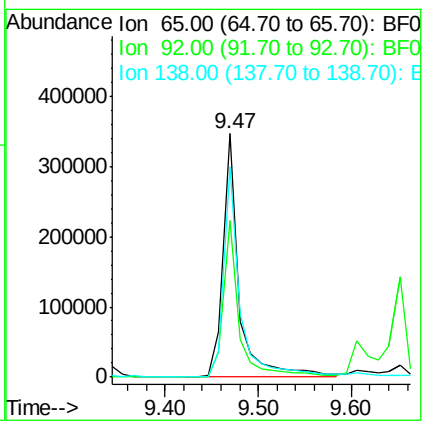


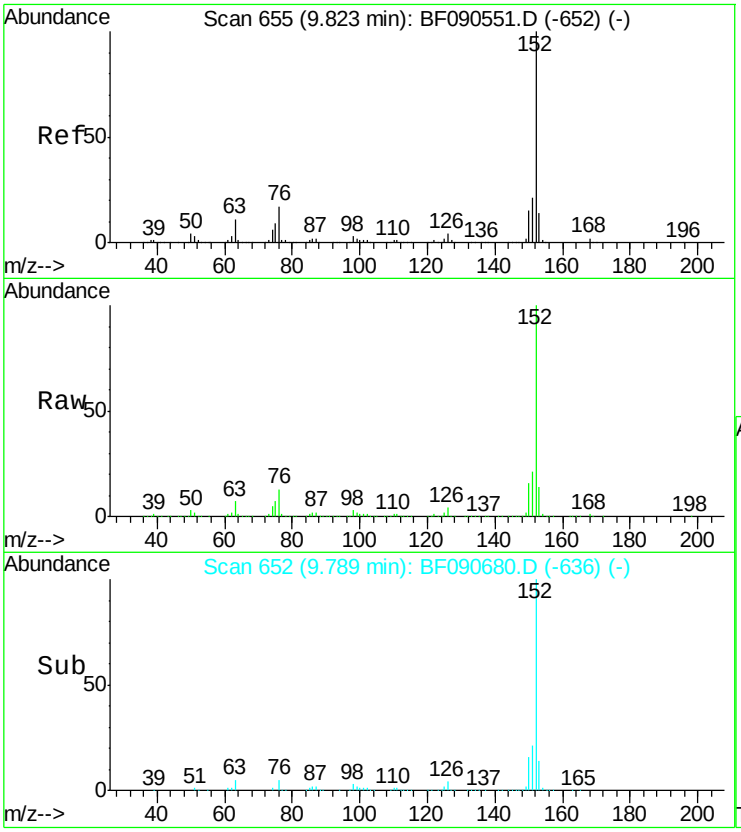


#47
2-Nitroaniline
Concen: 35.56 ng
RT: 9.47 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion: 65 Resp: 413722

Ion	Ratio	Lower	Upper
65	100		
92	64.2	54.3	81.5
138	86.6	81.7	122.5



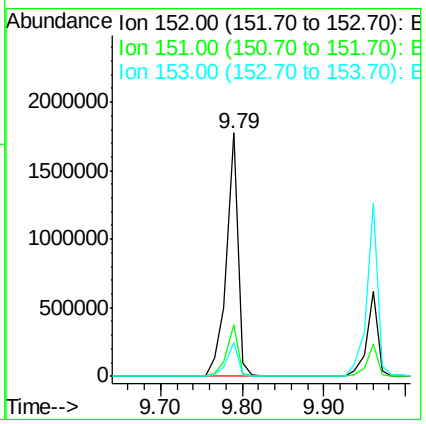


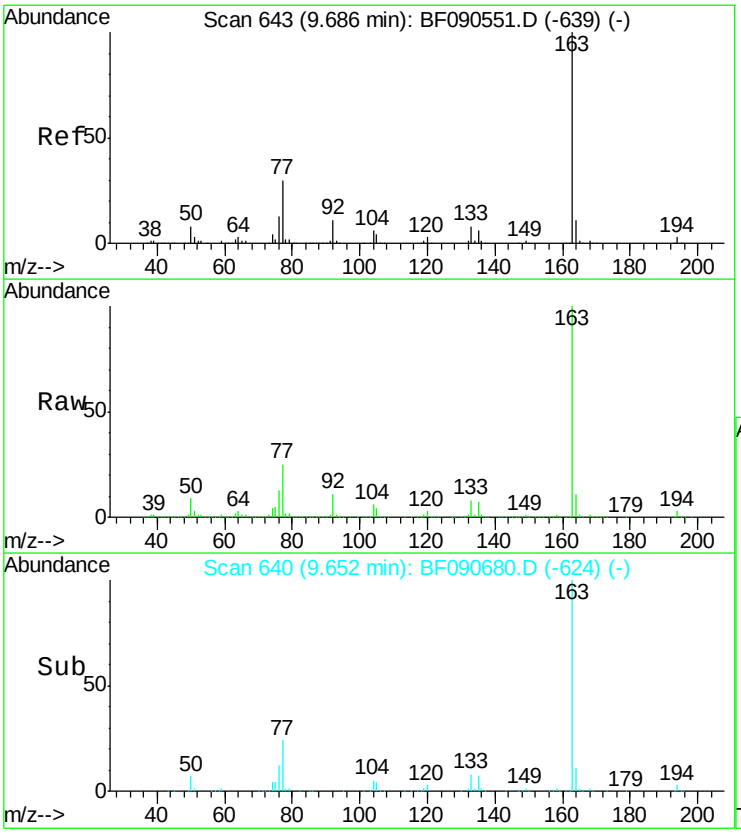
#48
Acenaphthylene
Concen: 34.17 ng
RT: 9.79 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:152 Resp: 1746413

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	25.0
153	14.1	11.3	16.9

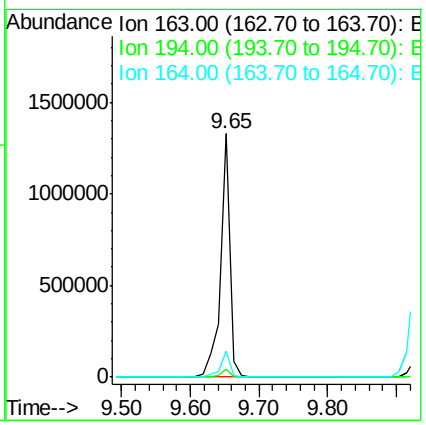


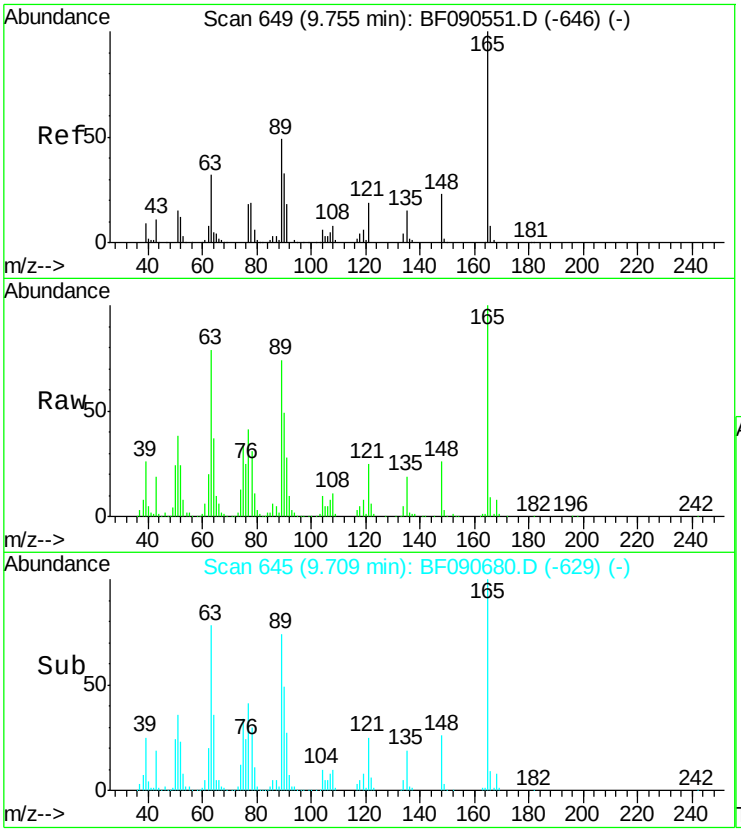


#49
Dimethylphthalate
Concen: 35.33 ng
RT: 9.65 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:163 Resp: 1296462

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.3	3.5
164	10.9	8.6	13.0



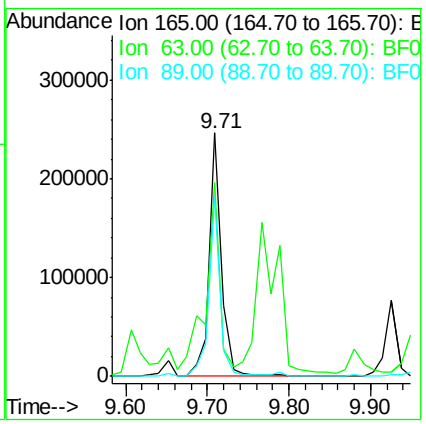


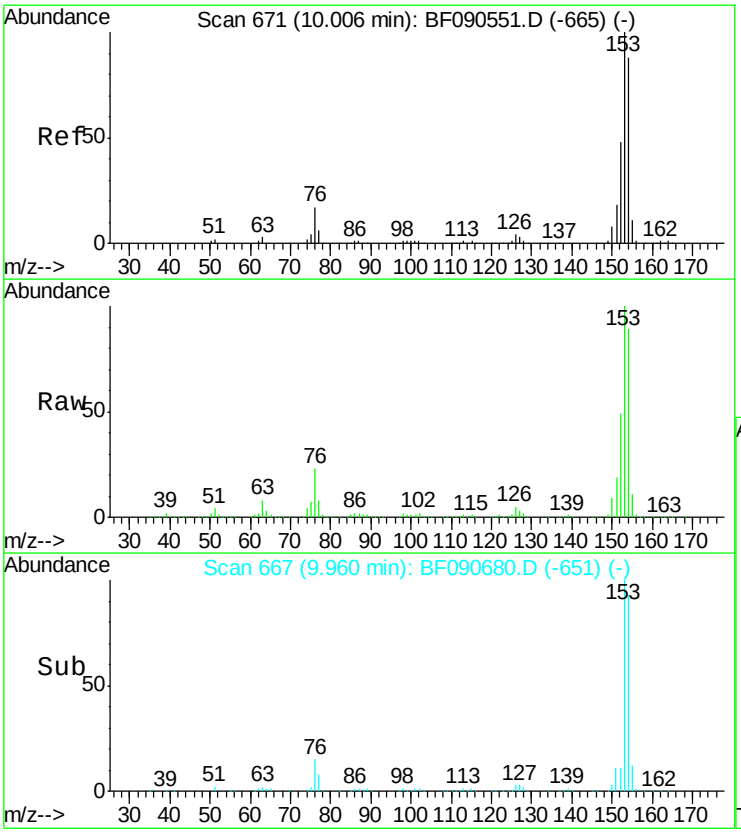
#50
2,6-Dinitrotoluene
Concen: 32.78 ng
RT: 9.71 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:165 Resp: 263239

Ion	Ratio	Lower	Upper
165	100		
63	79.5	40.1	60.1#
89	73.6	39.5	59.3#

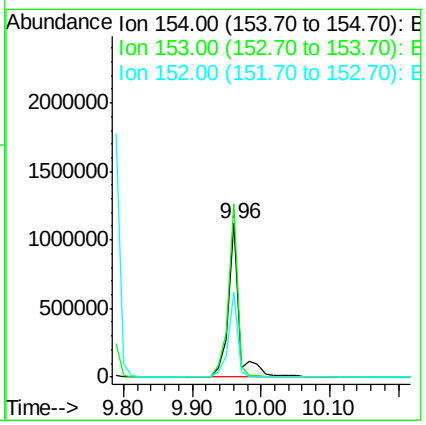


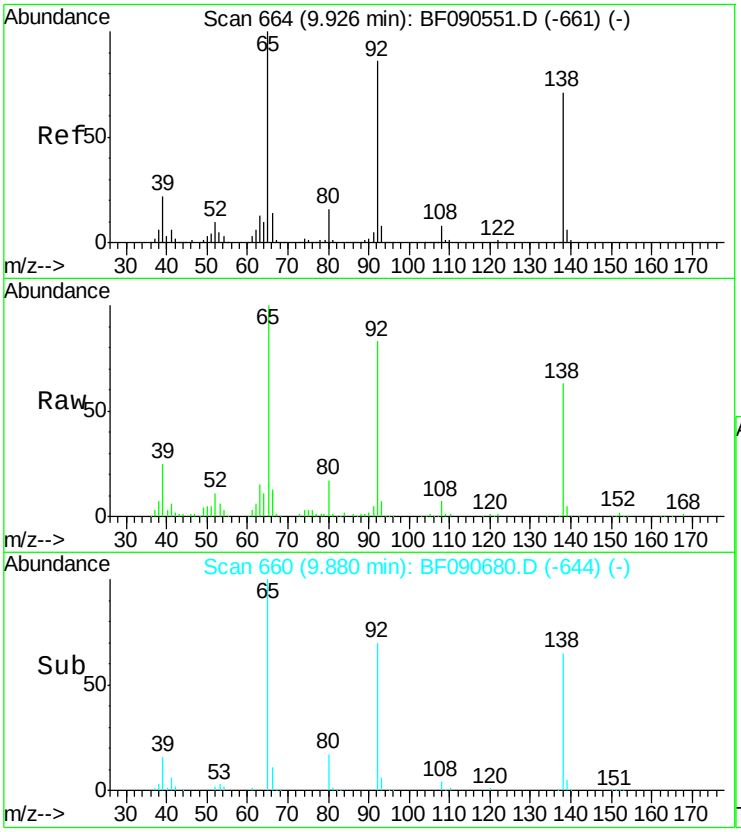


#51
Acenaphthene
Concen: 37.01 ng
RT: 9.96 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:154 Resp: 1257162

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	55.7	44.0	66.0



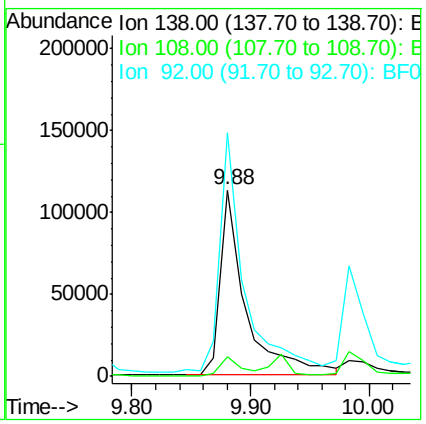


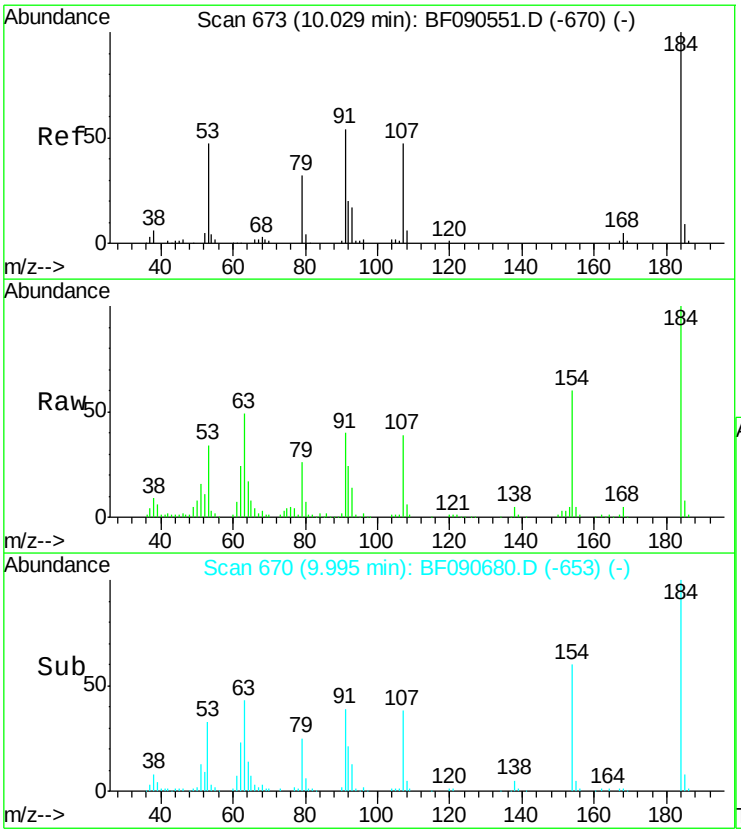
#52
3-Nitroaniline
Concen: 16.86 ng
RT: 9.88 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:138 Resp: 169922

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	12.8
92	130.5	97.8	146.8

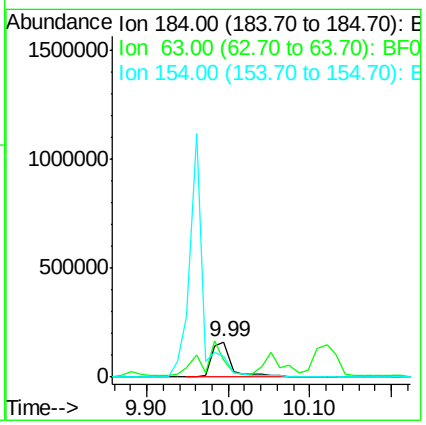


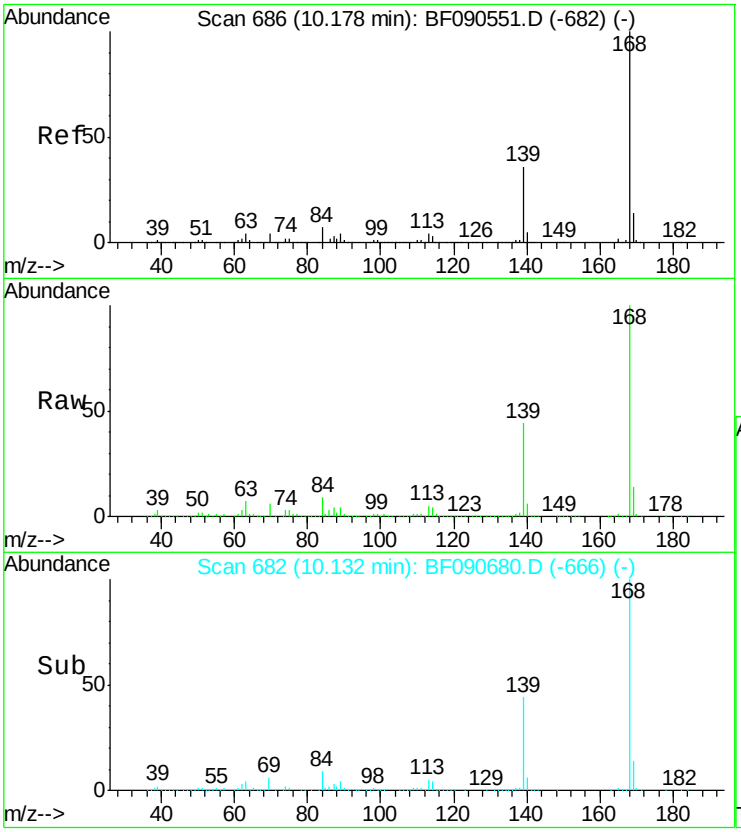


#53
2,4-Dinitrophenol
Concen: 65.73 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:184 Resp: 281780

Ion	Ratio	Lower	Upper
184	100		
63	49.4	60.2	90.2#
154	60.4	86.1	129.1#



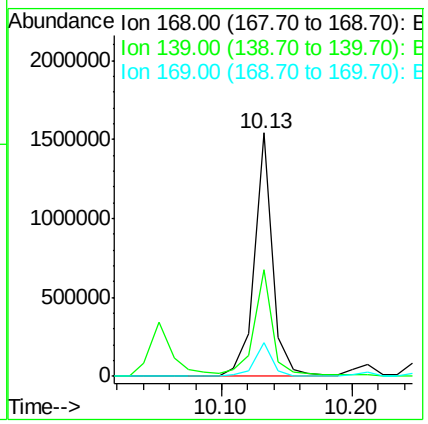


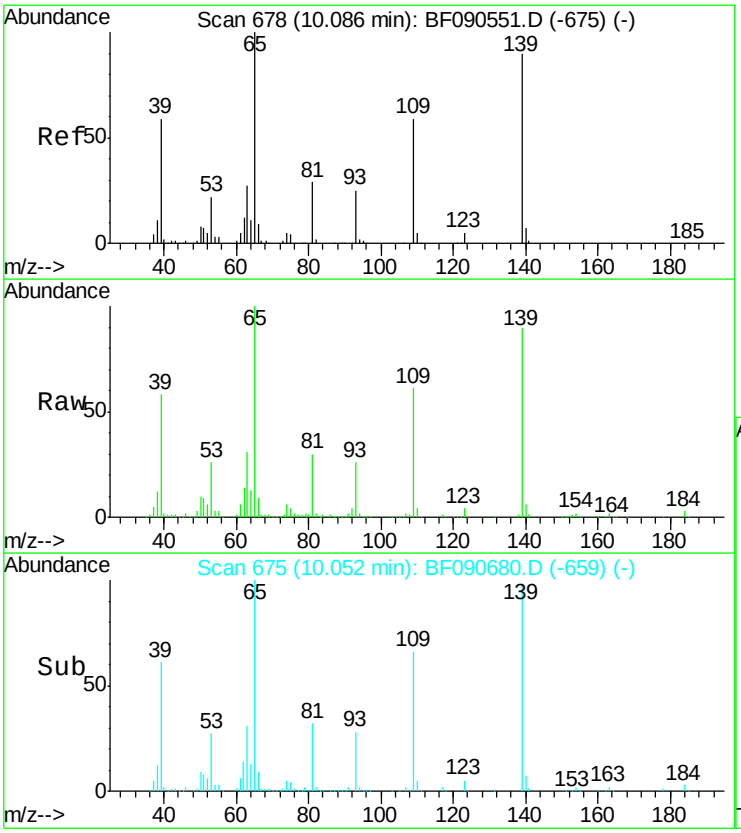
#54
Dibenzofuran
Concen: 33.73 ng
RT: 10.13 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:168 Resp: 1507010

Ion	Ratio	Lower	Upper
168	100		
139	43.9	30.5	45.7
169	14.1	10.9	16.3

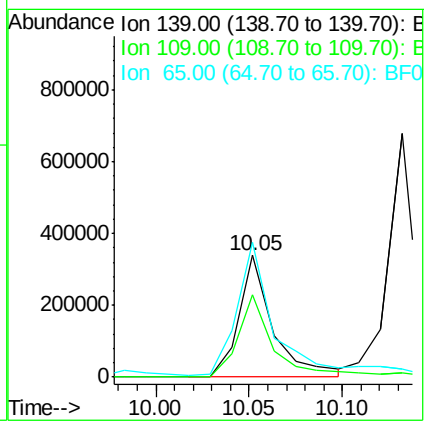


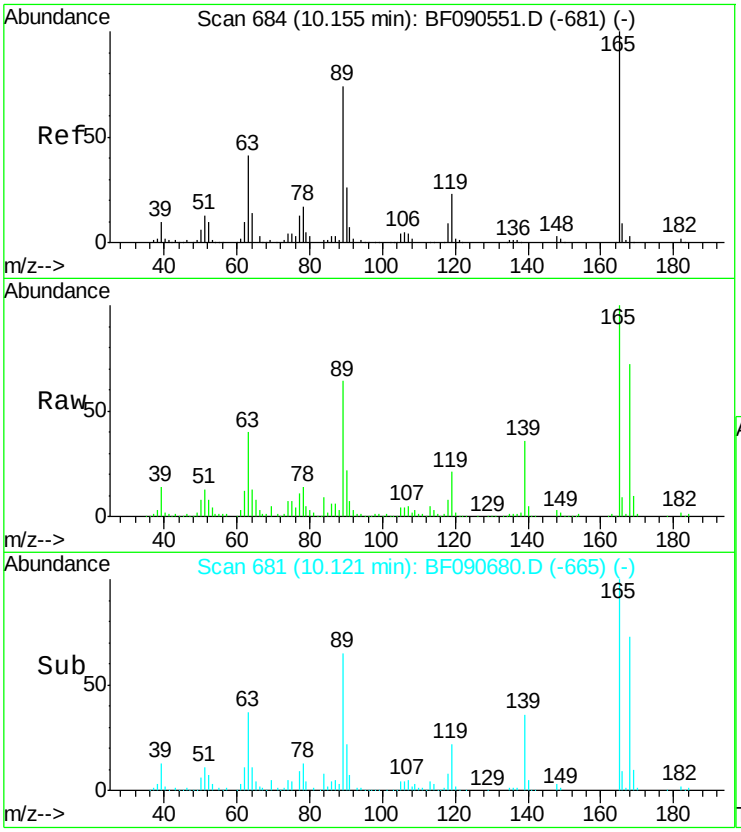


#55
4-Nitrophenol
Concen: 71.74 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:139 Resp: 435032

Ion	Ratio	Lower	Upper
139	100		
109	67.6	45.9	85.9
65	110.9	95.8	135.8



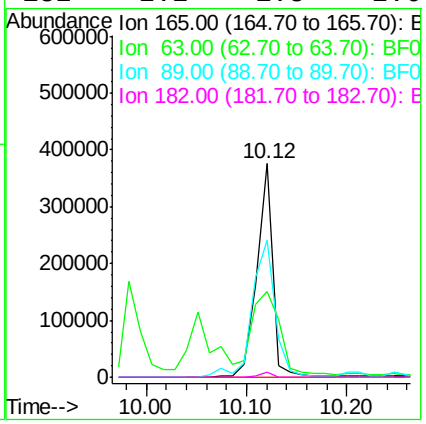


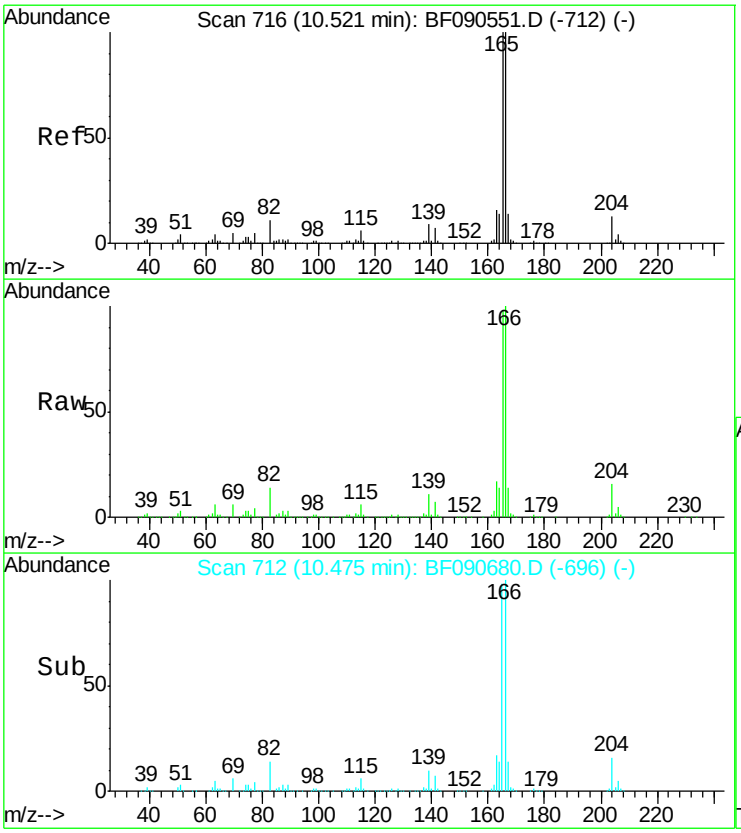
#56
2,4-Dinitrotoluene
Concen: 38.41 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:165 Resp: 418896

Ion	Ratio	Lower	Upper
165	100		
63	39.9	35.4	53.0
89	64.0	59.0	88.4
182	2.2	1.8	2.6

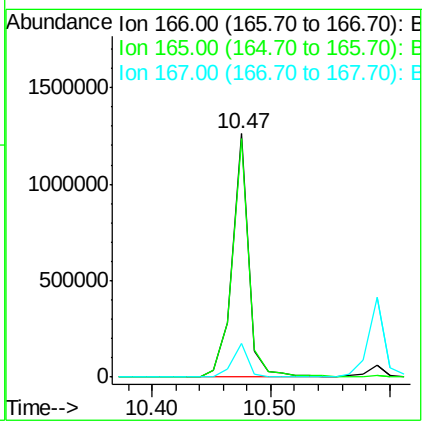


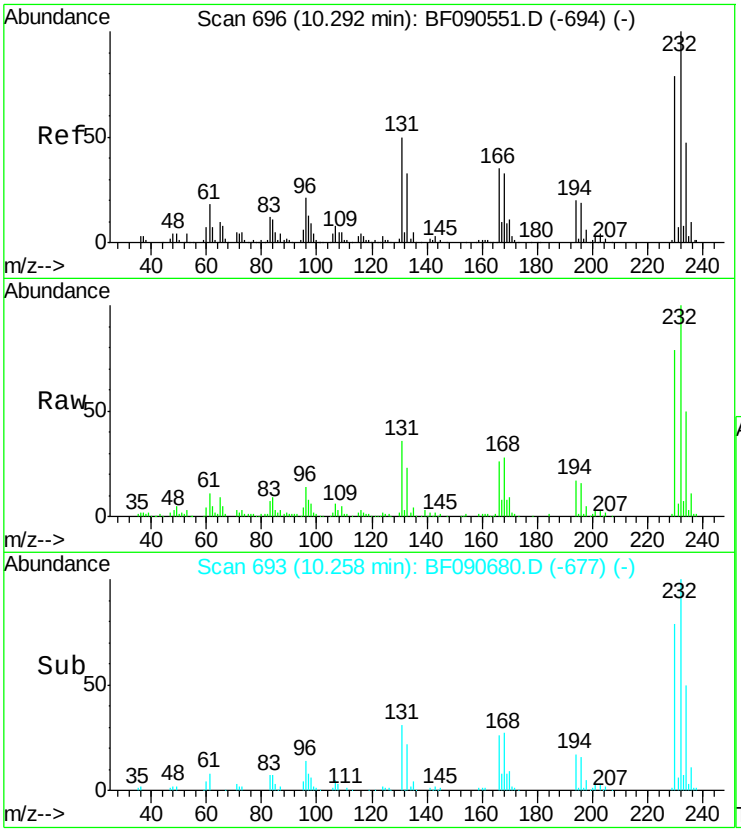


#57
Fluorene
Concen: 33.39 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:166 Resp: 1230763

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.9	119.9
167	14.0	10.9	16.3



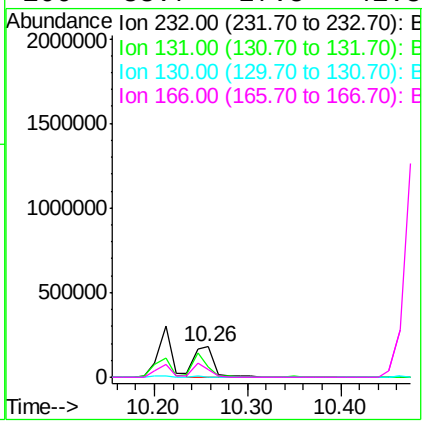


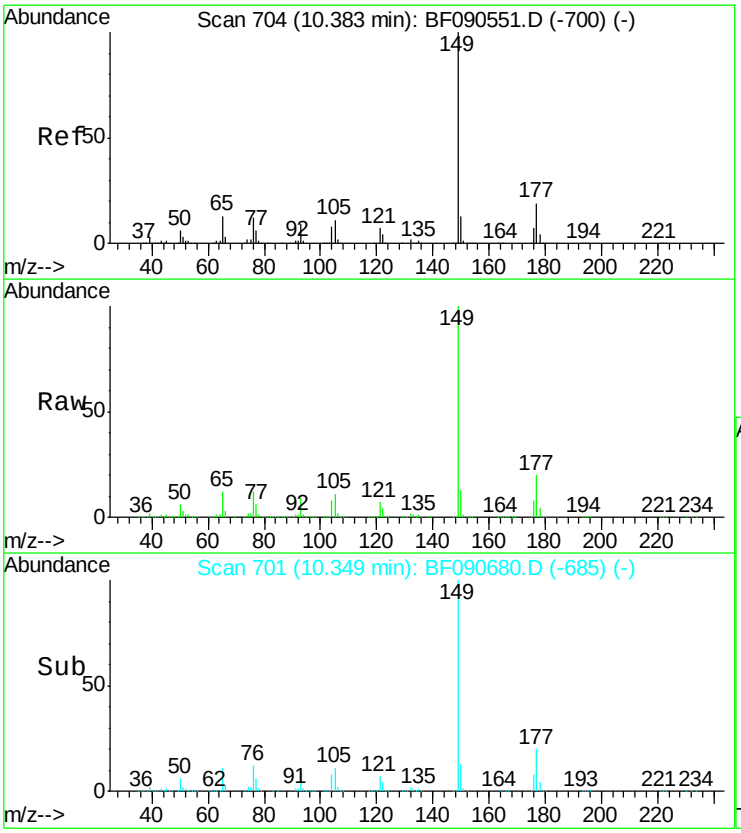
#58
2,3,4,6-Tetrachlorophenol
Concen: 31.76 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:232 Resp: 266939

Ion	Ratio	Lower	Upper
232	100		
131	62.0	42.6	64.0
130	3.0	1.8	2.8#
166	38.7	27.5	41.3

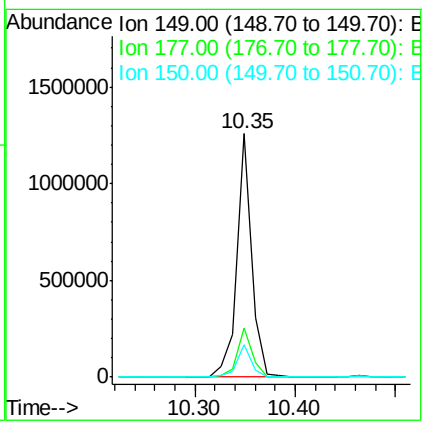


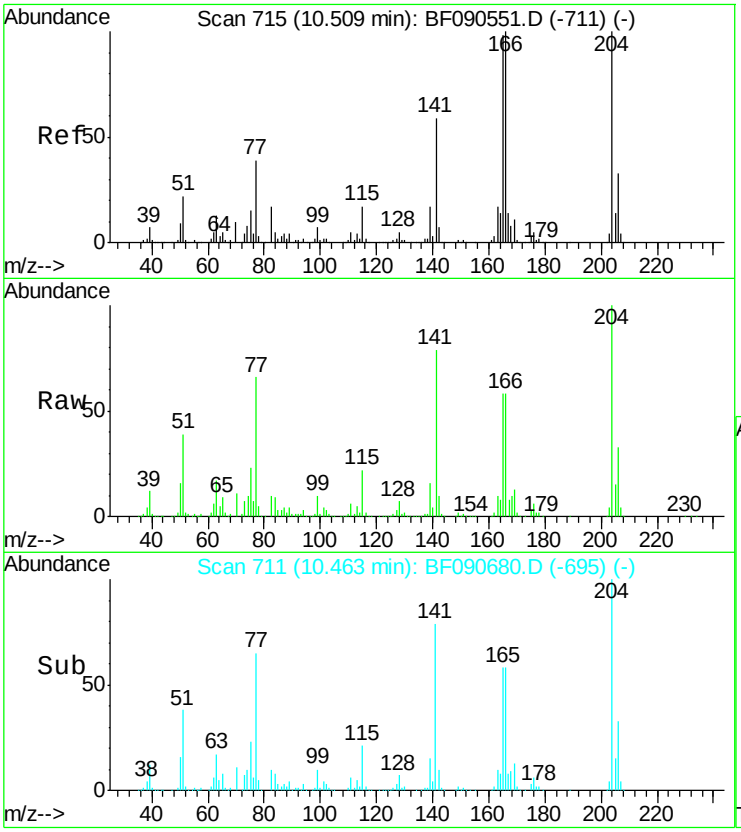


#59
Diethylphthalate
Concen: 34.64 ng
RT: 10.35 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:149 Resp: 1289132

Ion	Ratio	Lower	Upper
149	100		
177	20.2	15.3	22.9
150	13.1	10.3	15.5



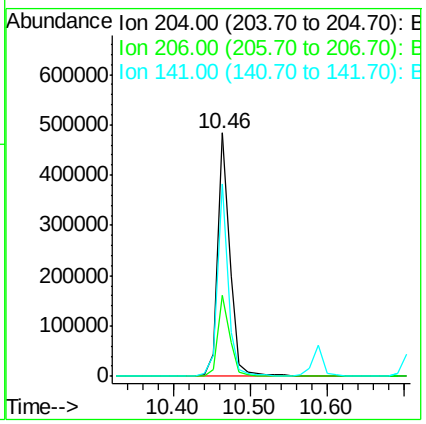


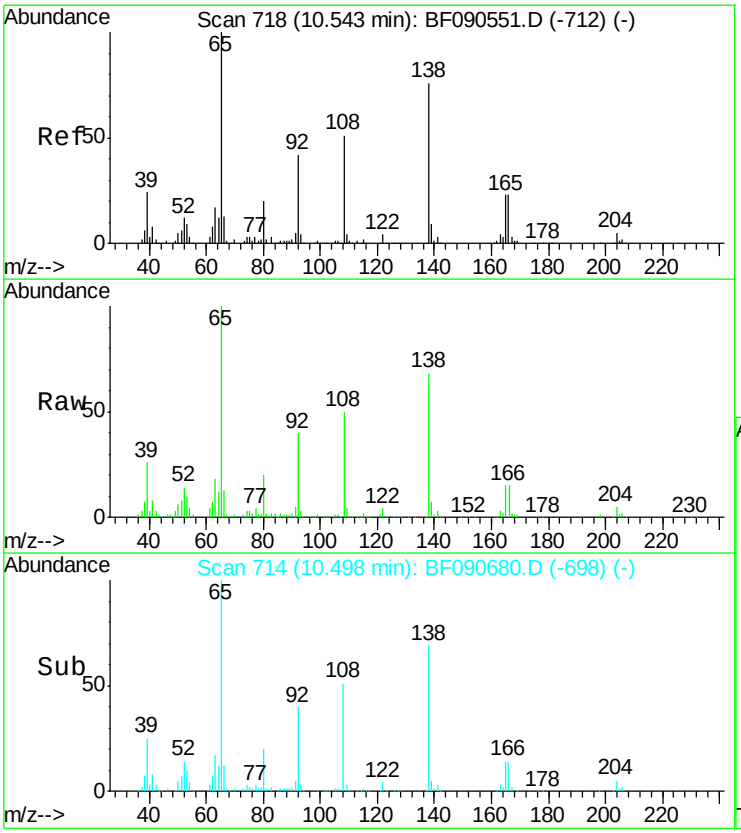
#60
4-Chlorophenyl-phenylether
Concen: 31.02 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:204 Resp: 538981

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	79.3	47.2	70.8#

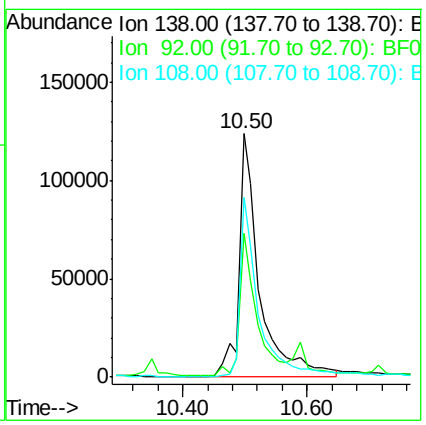


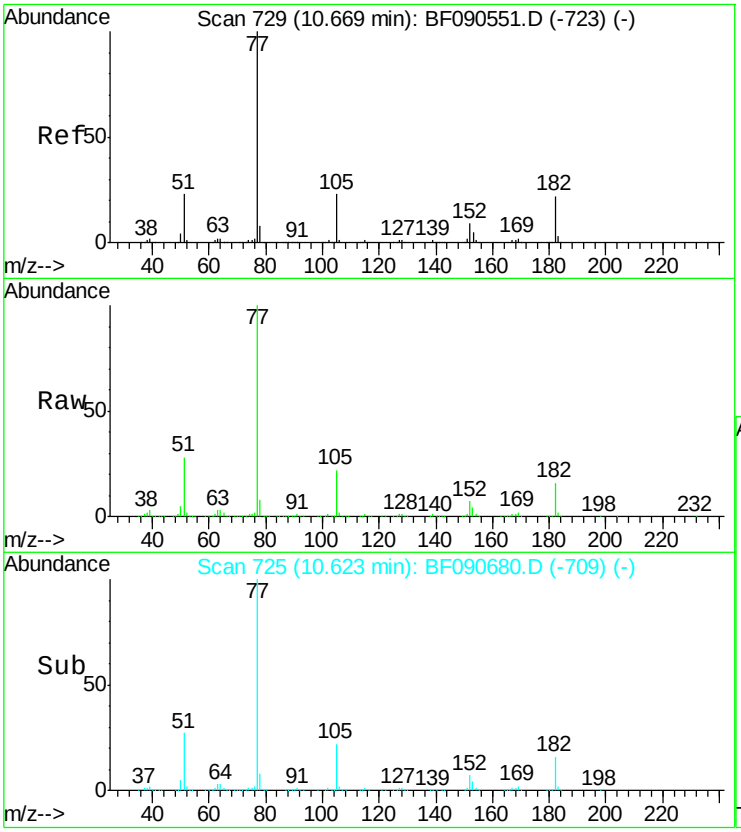


#61
4-Nitroaniline
Concen: 28.39 ng
RT: 10.50 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:138 Resp: 286884

Ion	Ratio	Lower	Upper
138	100		
92	59.0	35.7	75.7
108	73.6	46.9	86.9



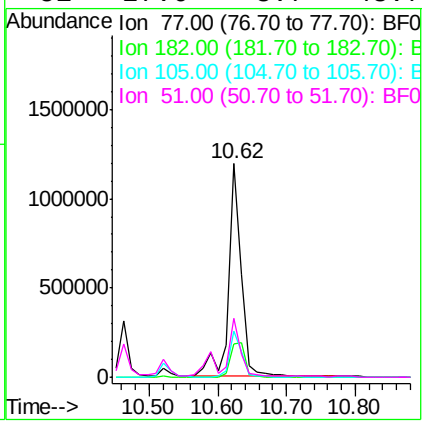


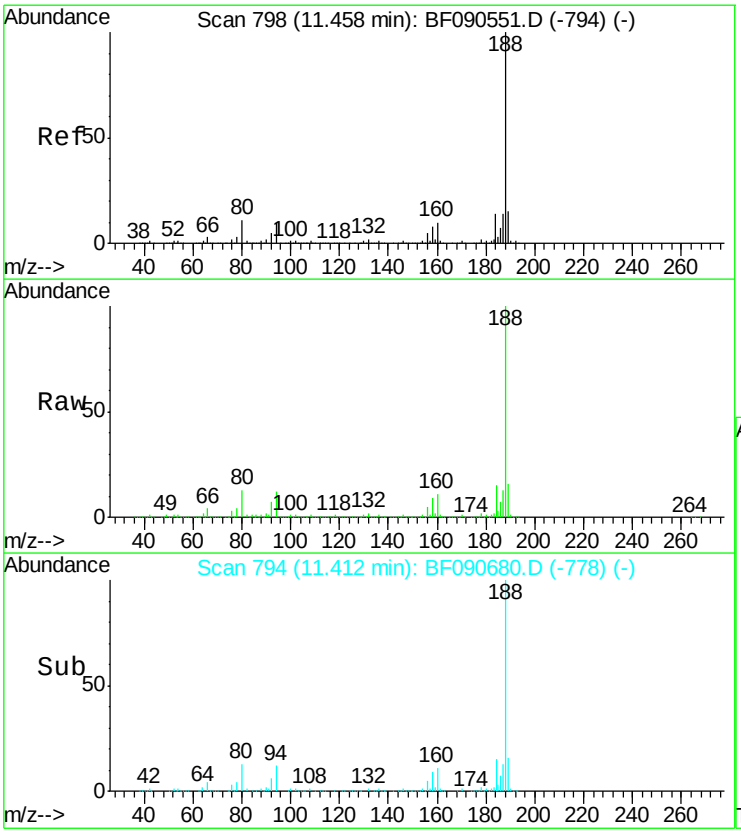
#62
Azobenzene
Concen: 36.34 ng
RT: 10.62 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion: 77 Resp: 1564534

Ion	Ratio	Lower	Upper
77	100		
182	15.7	2.2	42.2
105	21.7	3.5	43.5
51	27.6	3.7	43.7

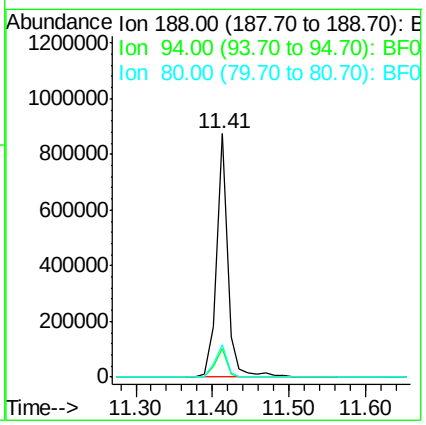


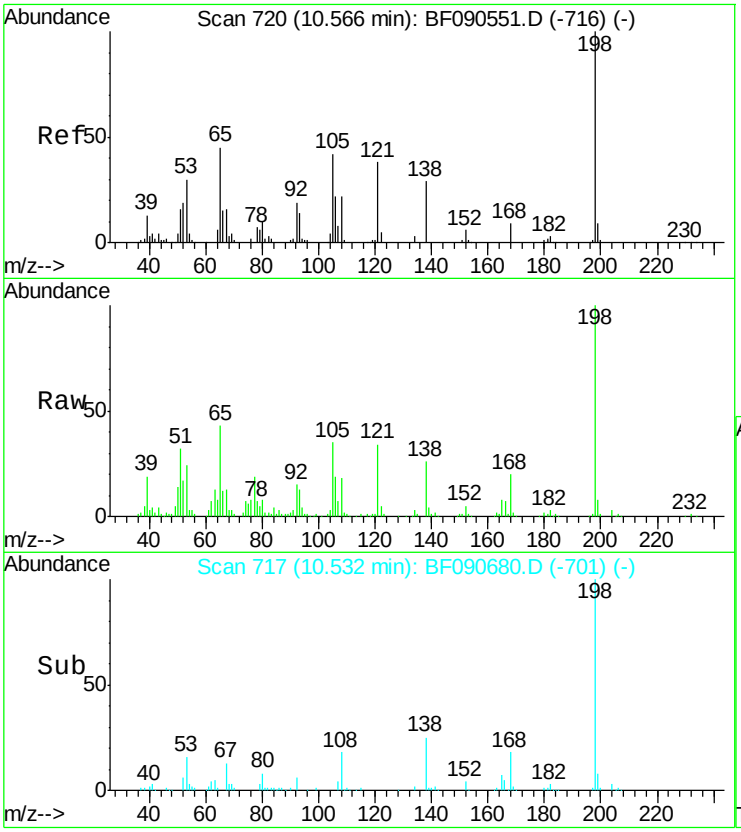


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:188 Resp: 894044

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.7	11.5#
80	13.3	8.6	12.8#



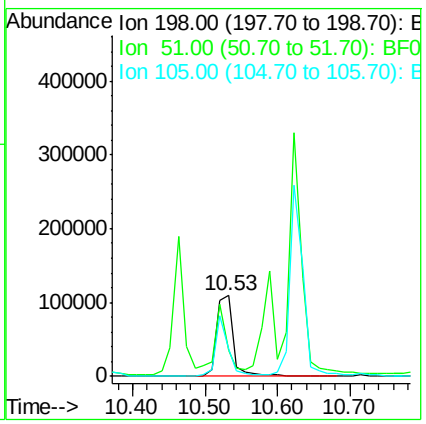


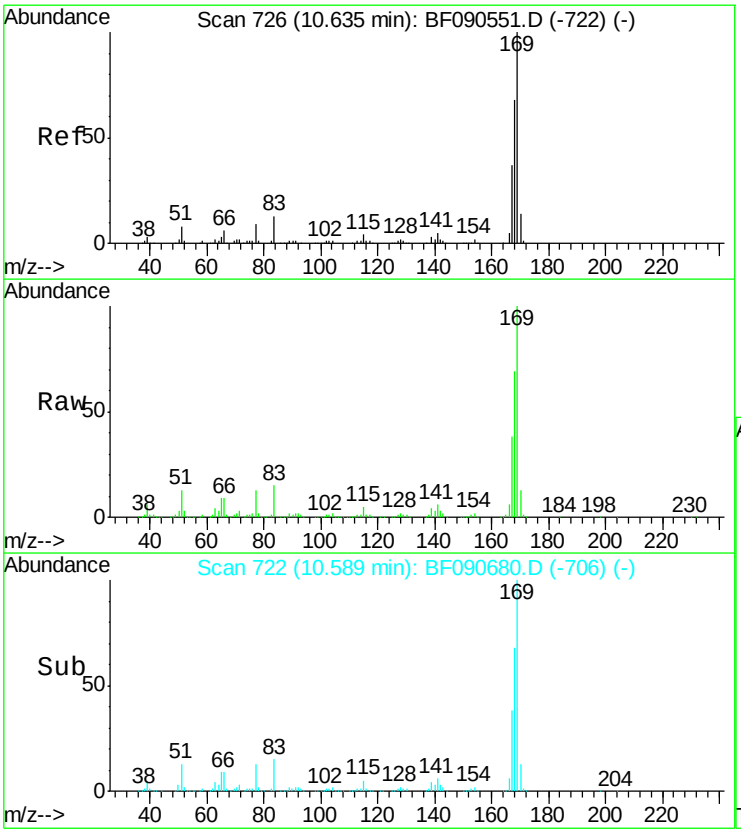
#64
4,6-Dinitro-2-methylphenol
Concen: 32.41 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:198 Resp: 175374

Ion	Ratio	Lower	Upper
198	100		
51	32.3	19.7	59.7
105	34.5	22.6	62.6

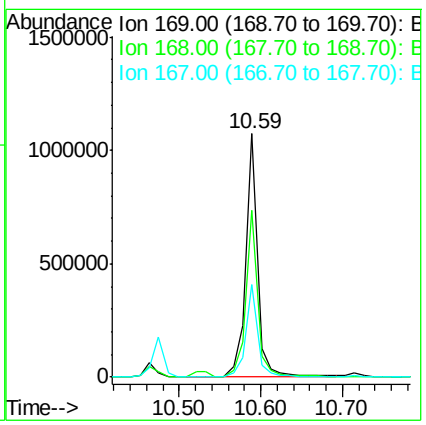


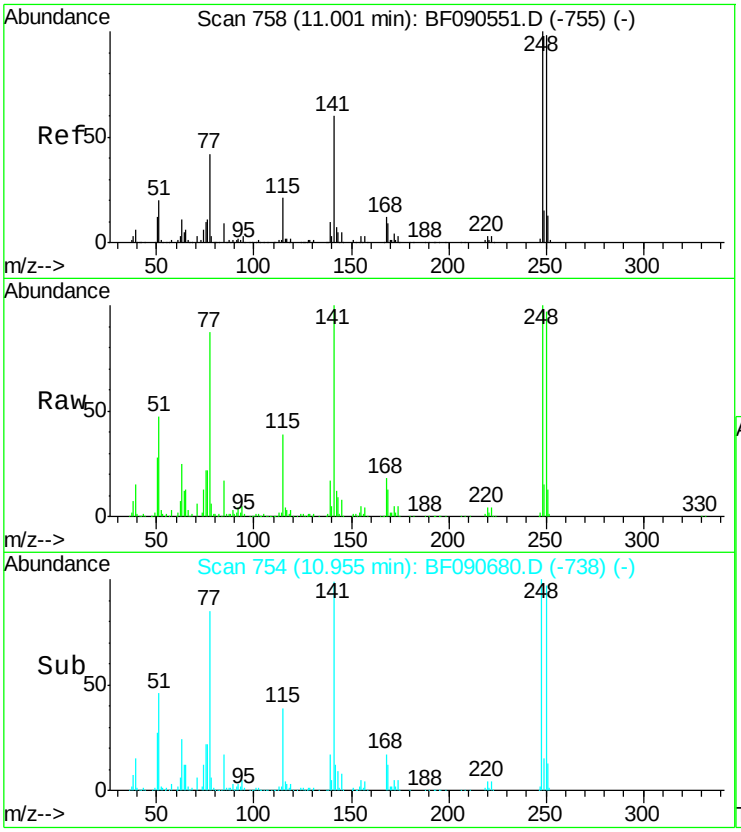


#65
n-Nitrosodiphenylamine
Concen: 36.48 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:169 Resp: 1077435

Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.6	81.8
167	38.3	29.8	44.8



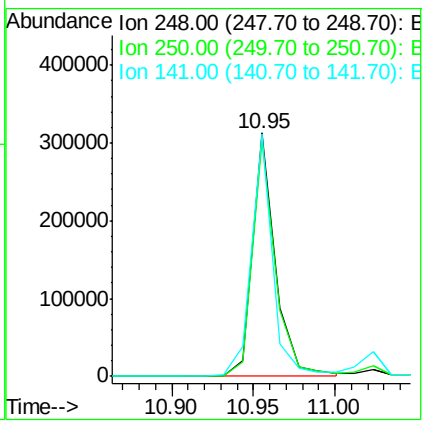


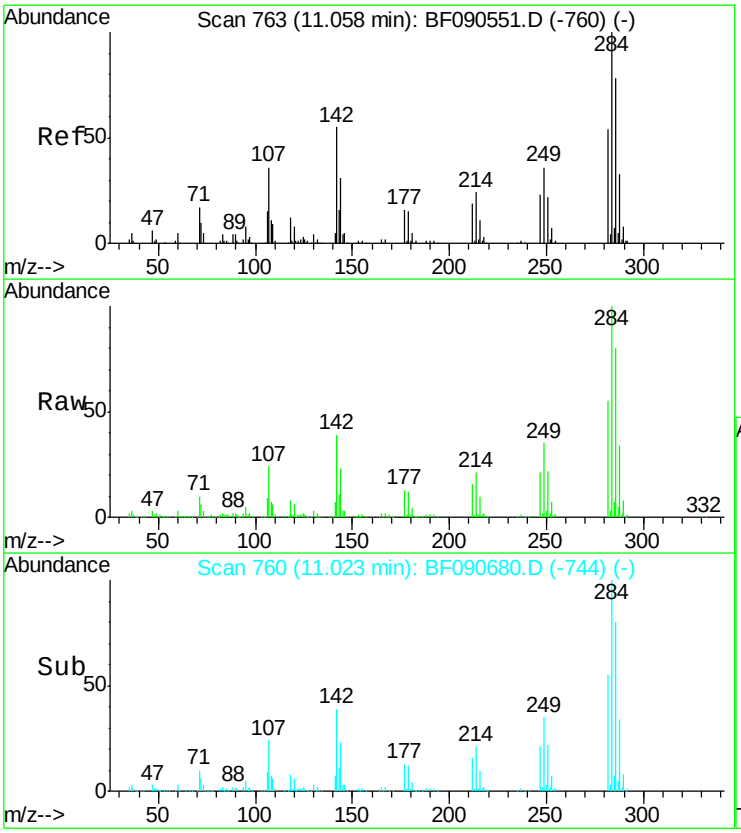
#66
4-Bromophenyl-phenylether
Concen: 31.76 ng
RT: 10.95 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:248 Resp: 304634

Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.4	117.6
141	99.6	48.4	72.6#

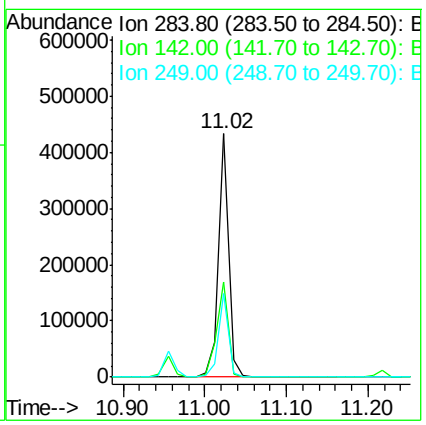


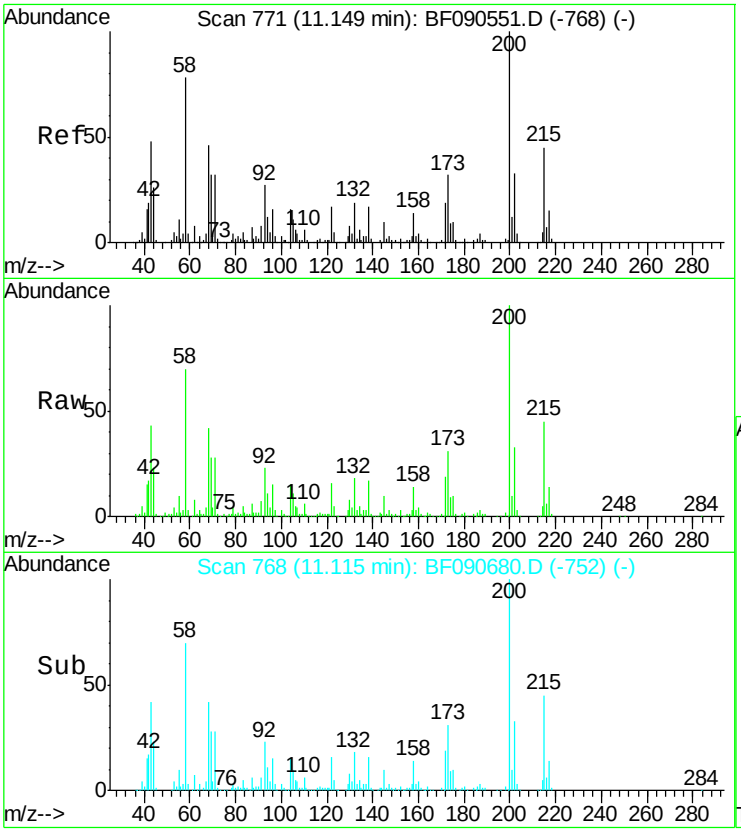


#67
Hexachlorobenzene
Concen: 35.72 ng
RT: 11.02 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:284 Resp: 372037

Ion	Ratio	Lower	Upper
284	100		
142	39.0	44.5	66.7#
249	34.6	29.6	44.4



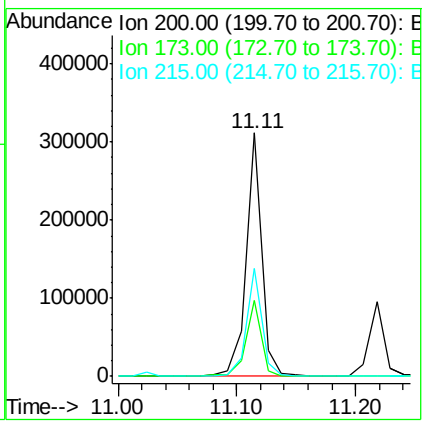


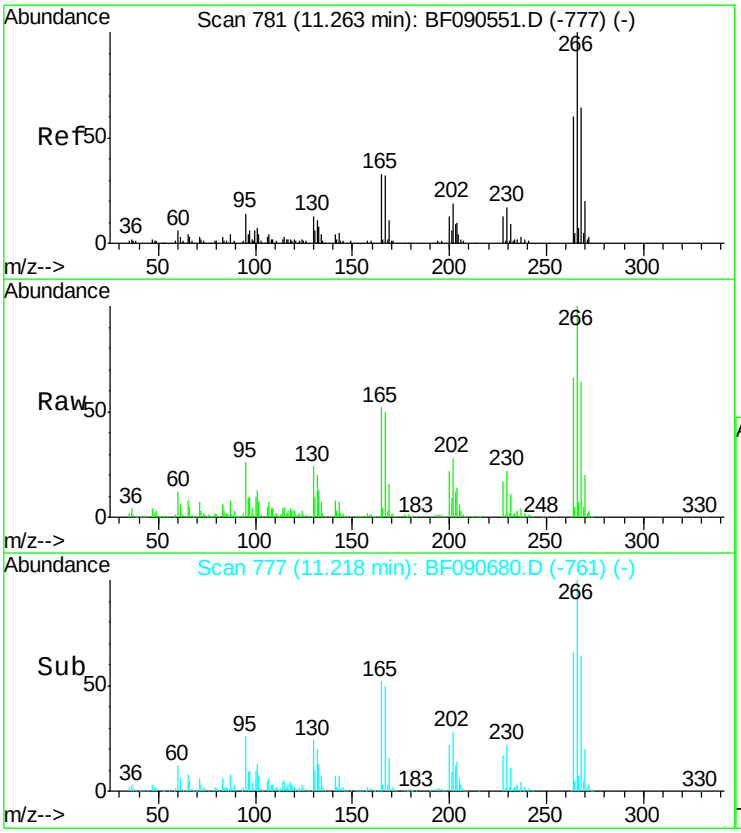
#68
Atrazine
Concen: 35.12 ng
RT: 11.11 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:200 Resp: 286863

Ion	Ratio	Lower	Upper
200	100		
173	31.0	12.0	52.0
215	44.5	25.2	65.2

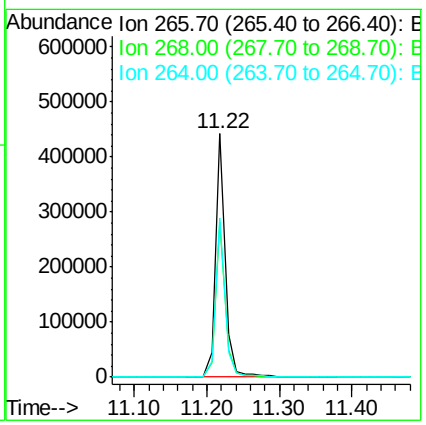


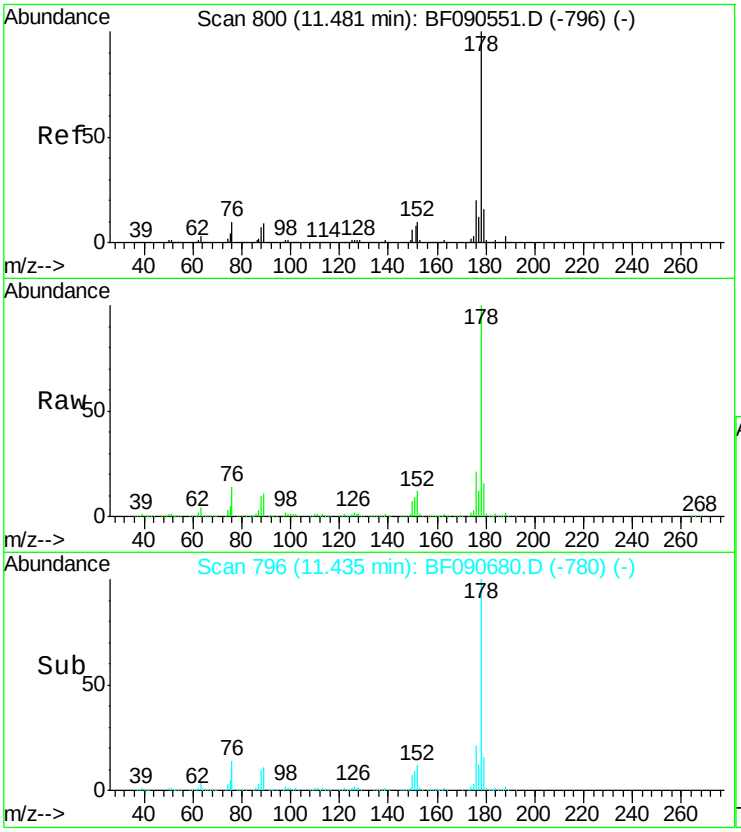


#69
Pentachlorophenol
Concen: 79.94 ng
RT: 11.22 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:266 Resp: 412663

Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.5	77.3
264	65.5	47.9	71.9



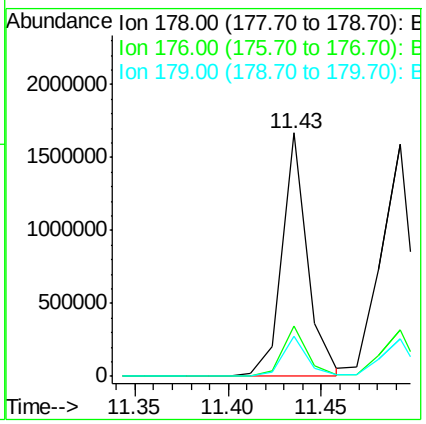


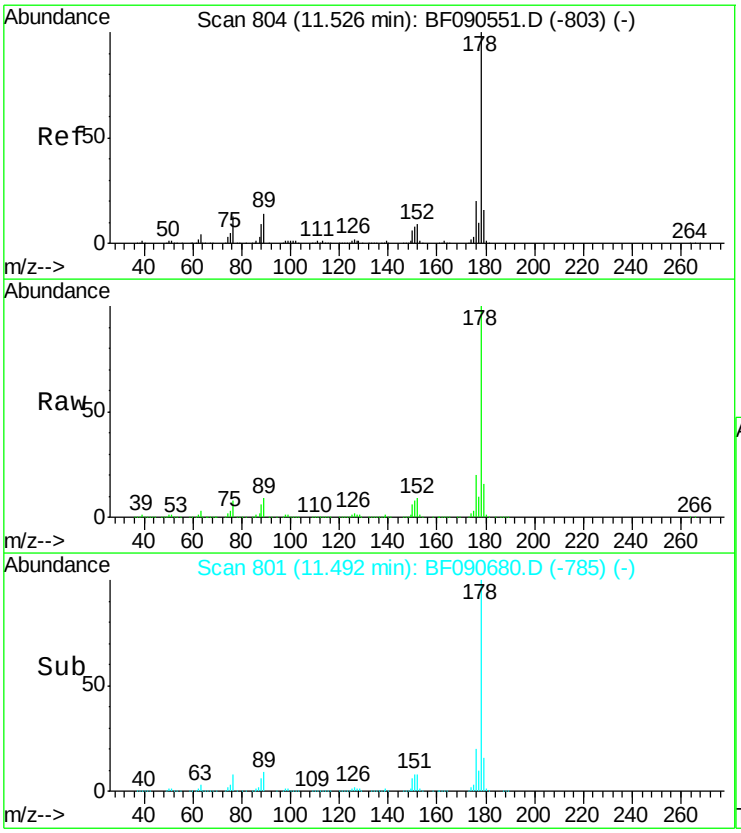
#70
Phenanthrene
Concen: 33.13 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:178 Resp: 1581151

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	16.5	12.6	19.0

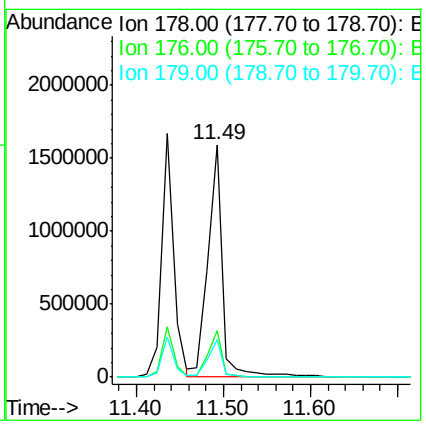


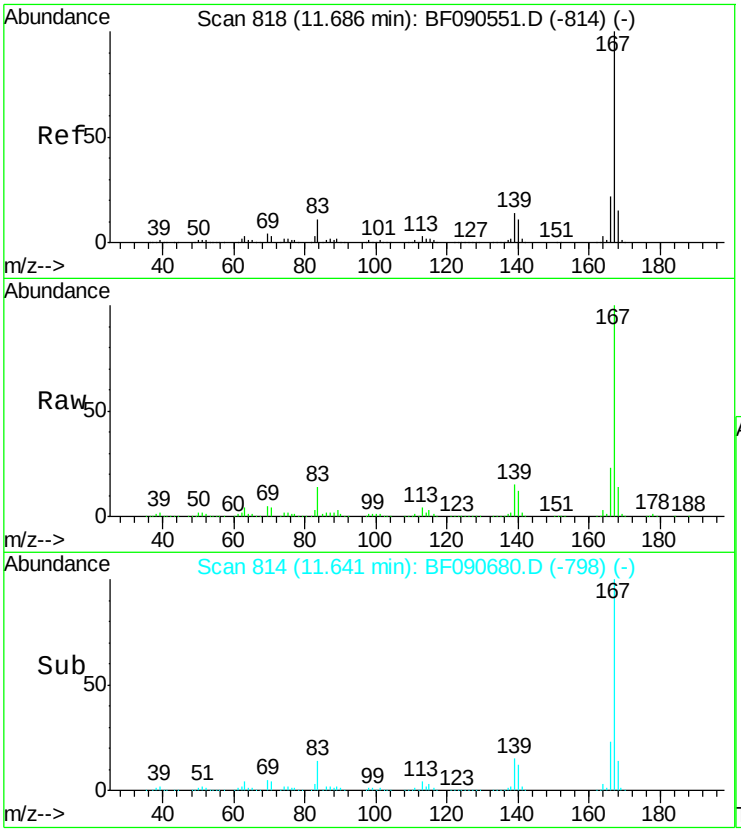


#71
Anthracene
Concen: 35.75 ng
RT: 11.49 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:178 Resp: 1836226

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.9	13.0	19.4



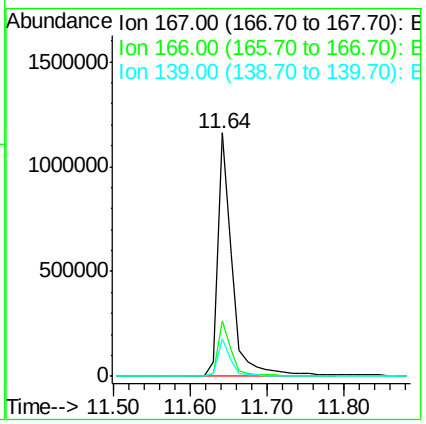


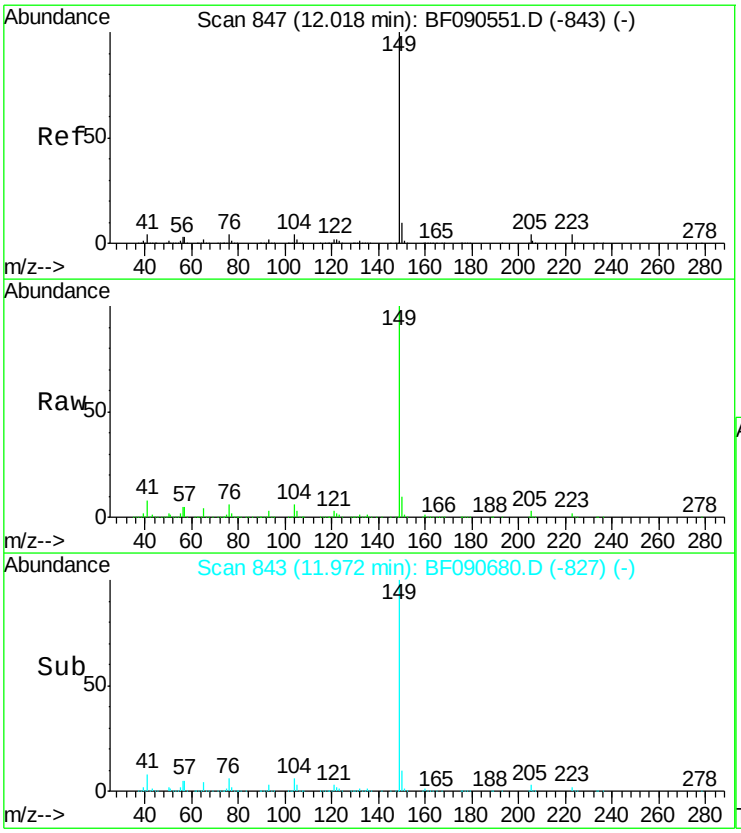
#72
Carbazole
Concen: 32.76 ng
RT: 11.64 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:167 Resp: 1506066

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	15.4	11.3	16.9

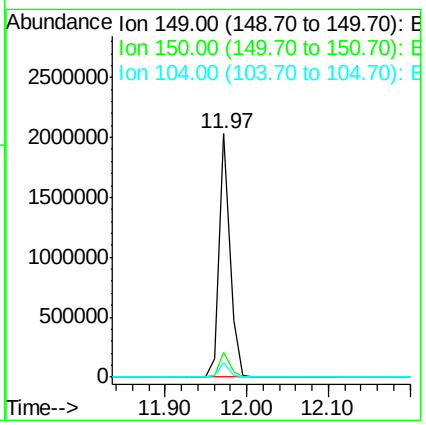


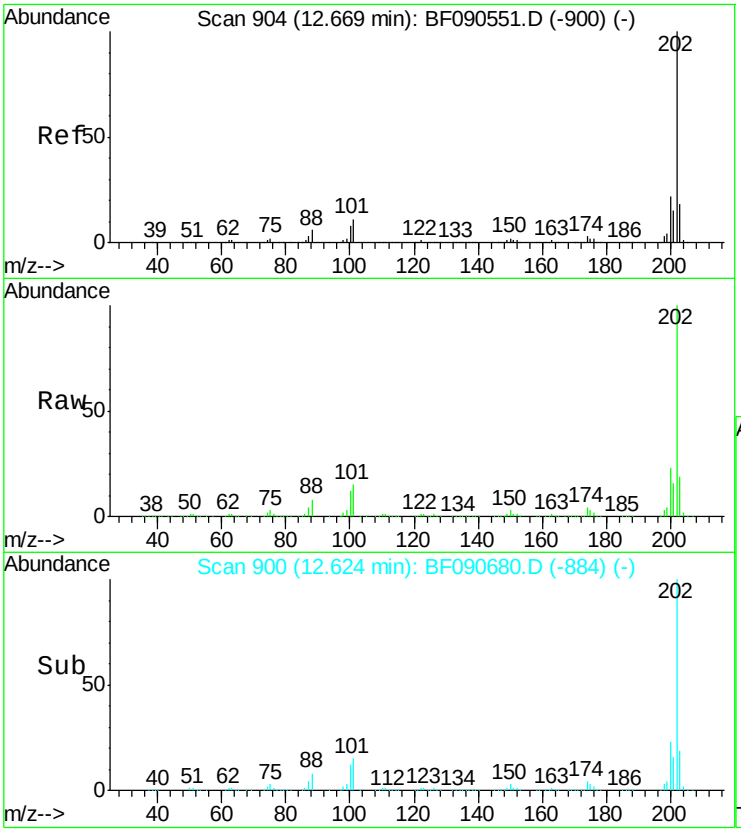


#73
Di-n-butylphthalate
Concen: 34.35 ng
RT: 11.97 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:149 Resp: 1850366

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.8	3.3	4.9#



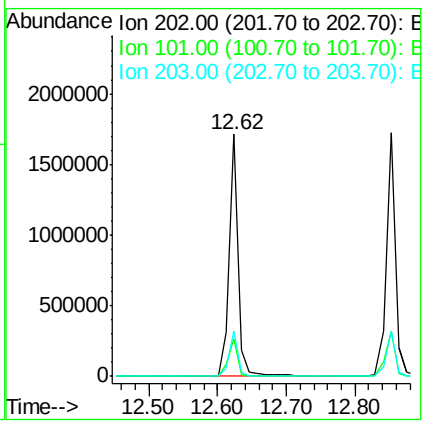


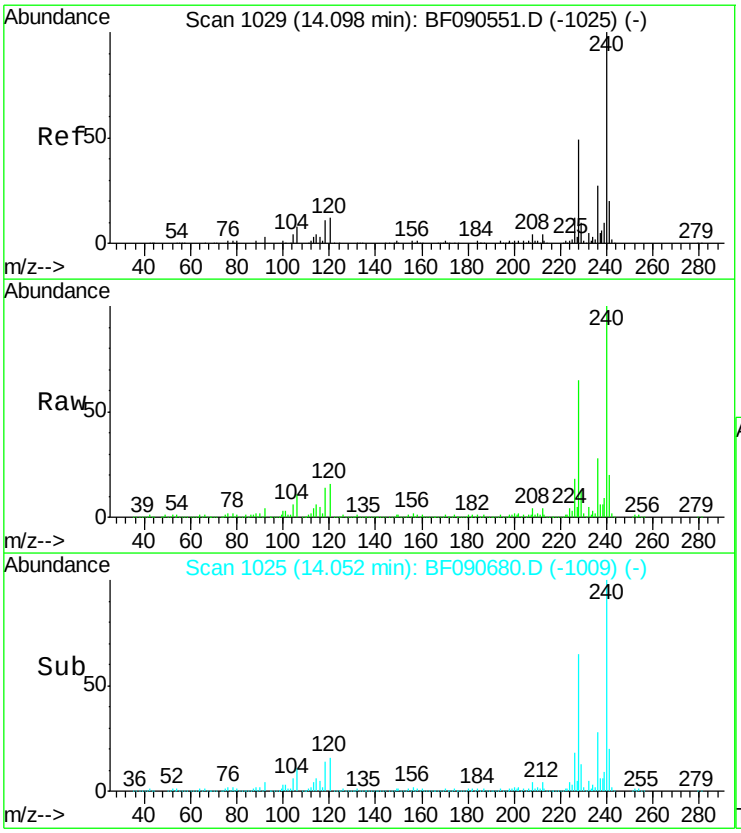
#74
Fluoranthene
Concen: 33.29 ng
RT: 12.62 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:202 Resp: 1597933

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	31.1
203	18.7	0.0	38.0

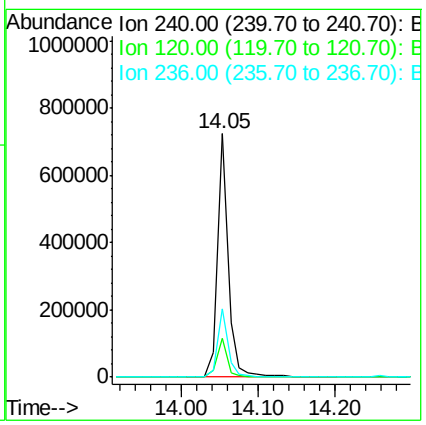


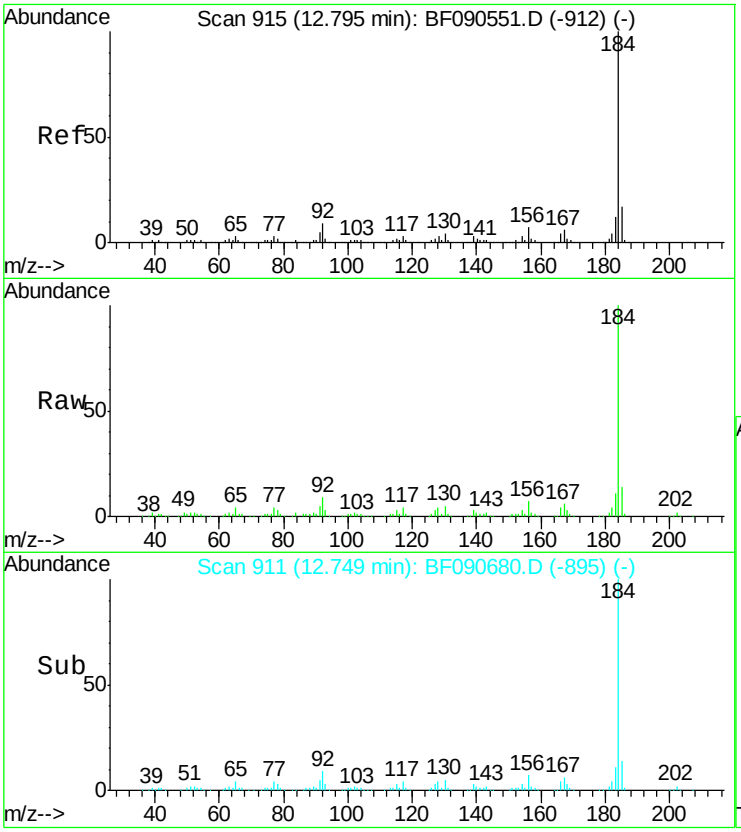


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:240 Resp: 706043

Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.8	14.8#
236	27.9	21.7	32.5



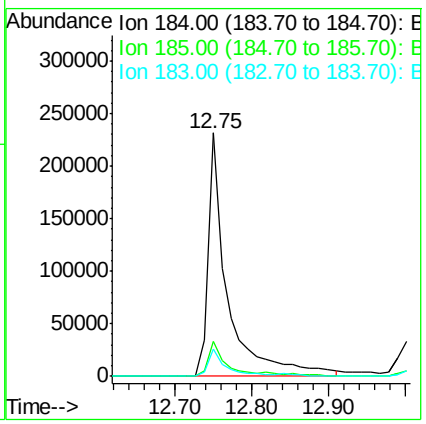


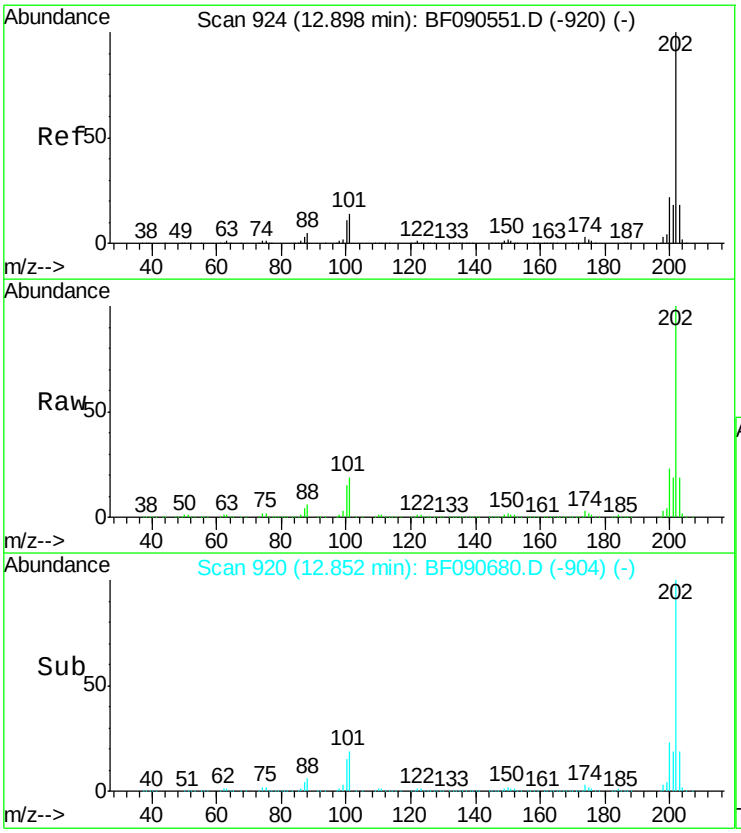
#76
Benzidine
Concen: 23.11 ng
RT: 12.75 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:184 Resp: 405984

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	11.1	9.4	14.0

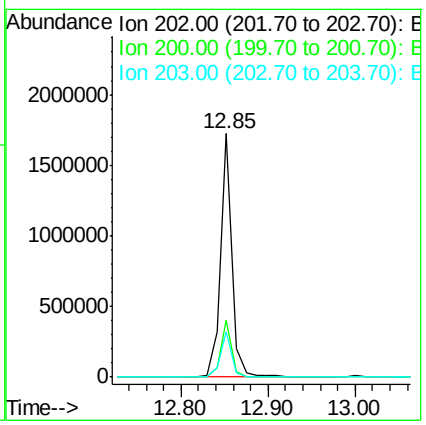


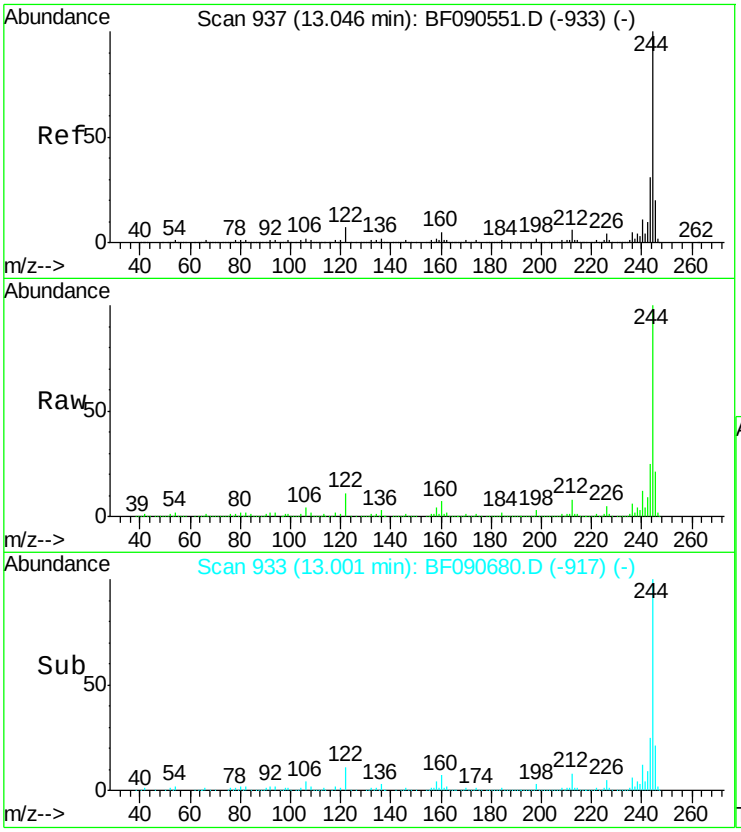


#77
Pyrene
Concen: 34.00 ng
RT: 12.85 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:202 Resp: 1590112

Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.8	26.6
203	18.7	14.6	21.8



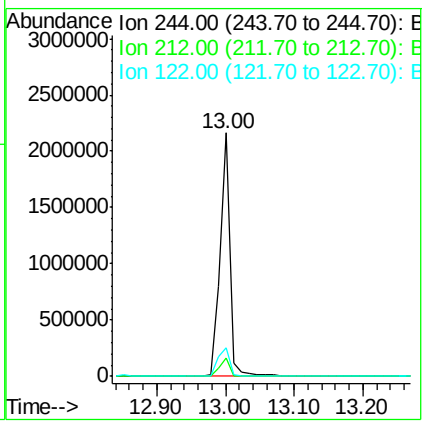


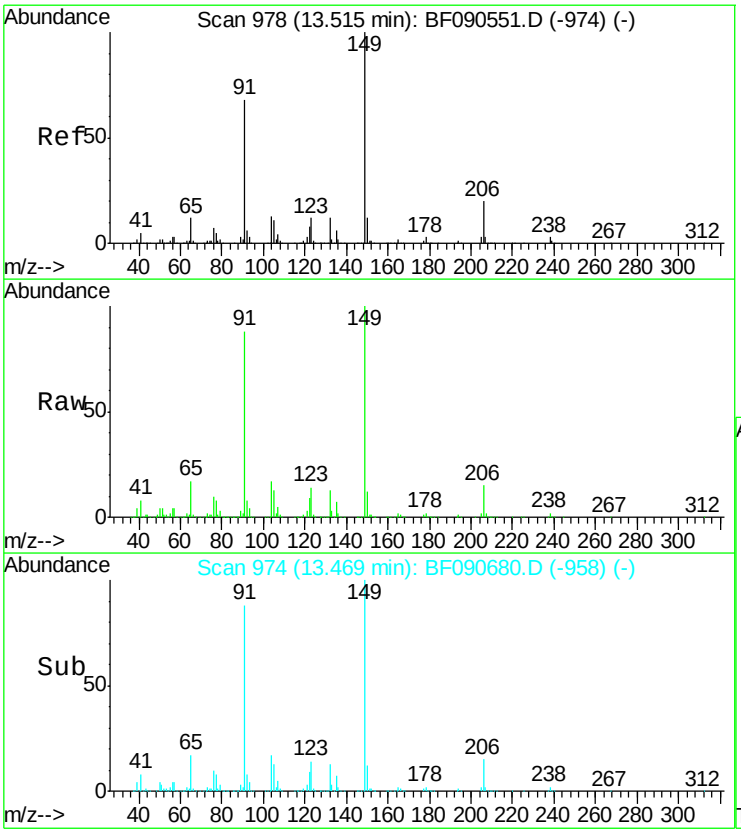
#78
Terphenyl-d14
Concen: 73.71 ng
RT: 13.00 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:244 Resp: 2235222

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.0	7.4#
122	11.5	5.6	8.4#

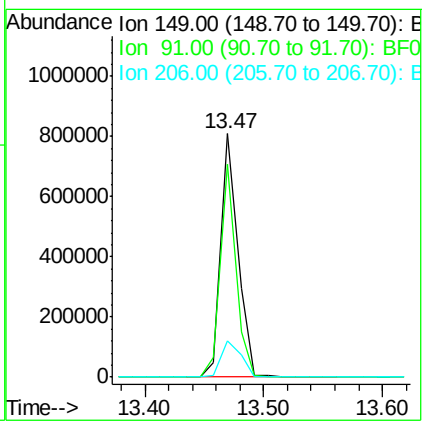


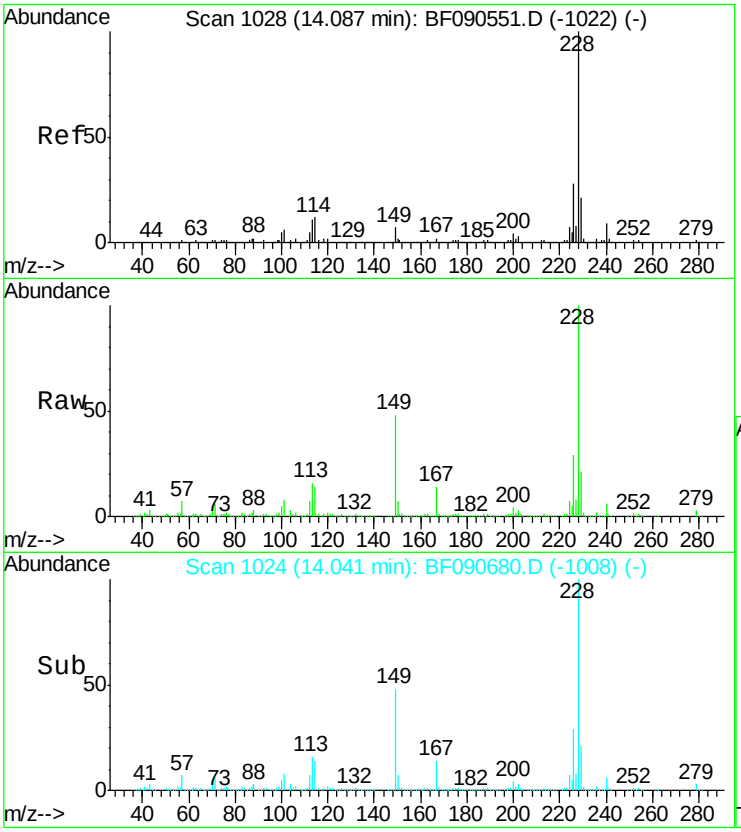


#79
Butylbenzylphthalate
Concen: 38.88 ng
RT: 13.47 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:149 Resp: 805554

Ion	Ratio	Lower	Upper
149	100		
91	87.6	54.3	81.5#
206	14.8	15.8	23.6#



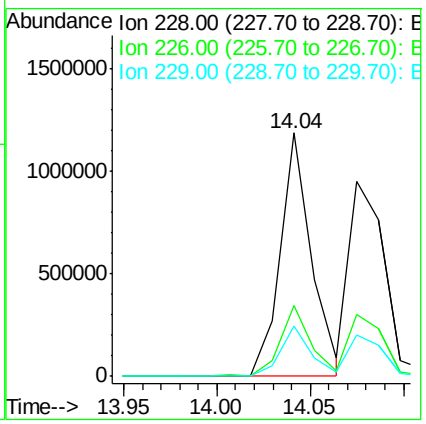


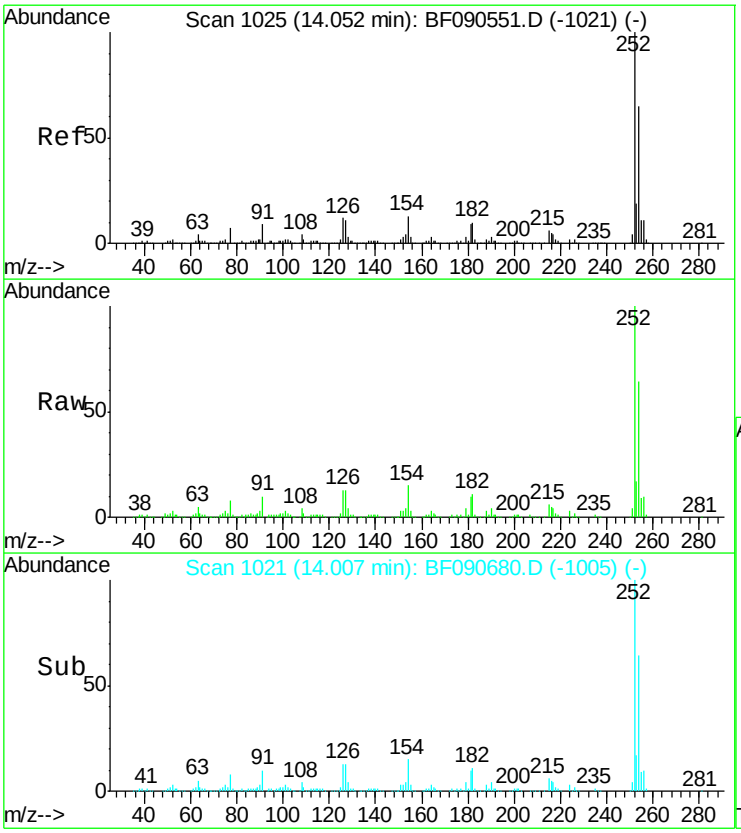
#80
Benzo(a)anthracene
Concen: 34.59 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:228 Resp: 1390457

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.8	34.2
229	20.9	16.6	25.0

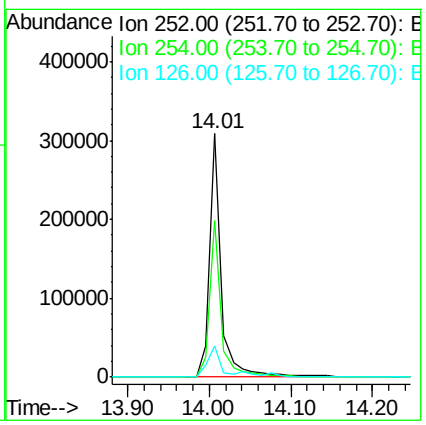


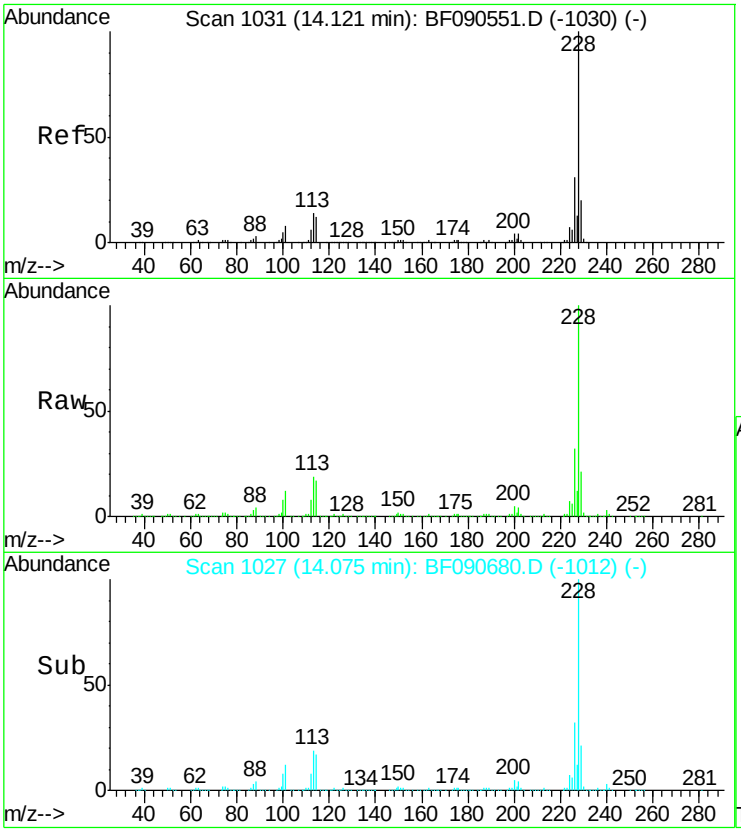


#81
3,3'-Dichlorobenzidine
Concen: 23.00 ng
RT: 14.01 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:252 Resp: 315837

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	13.0	9.3	13.9



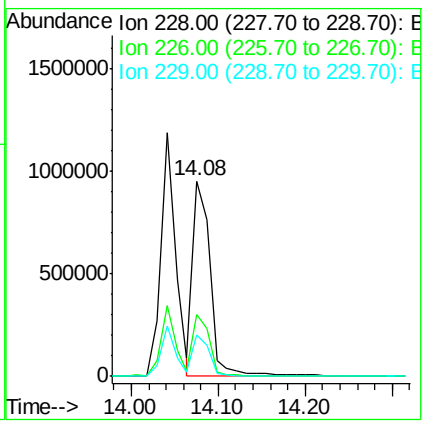


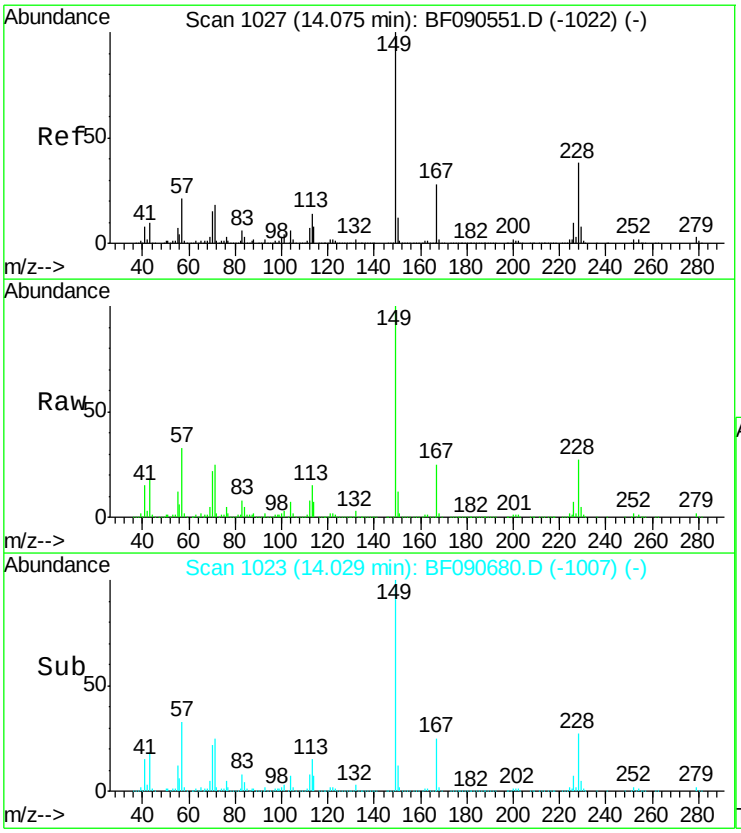
#82
Chrysene
Concen: 33.66 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:228 Resp: 1303473

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	20.9	16.2	24.4

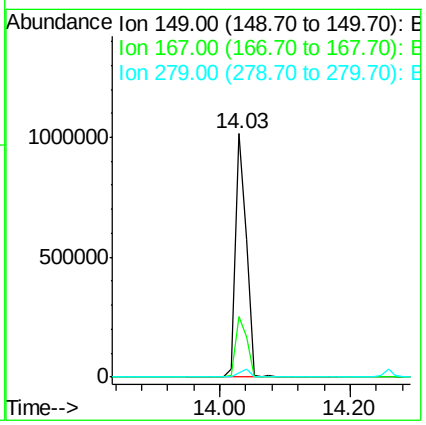


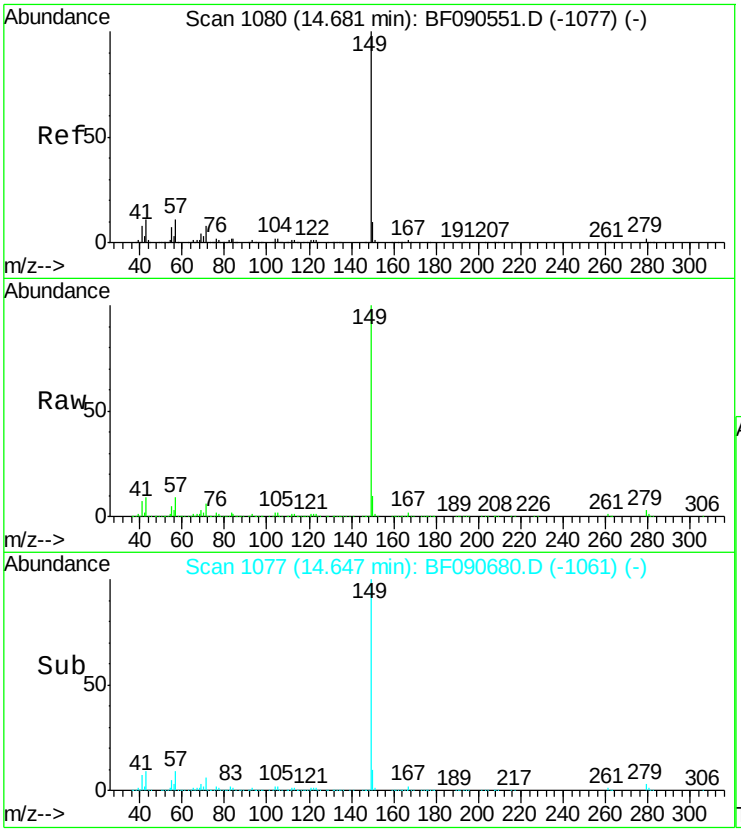


#83
Bis(2-ethylhexyl)phthalate
Concen: 40.55 ng
RT: 14.03 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:149 Resp: 1133411

Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.1	33.1
279	1.8	2.6	4.0#



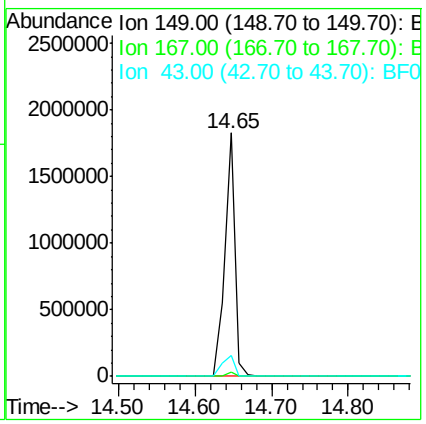


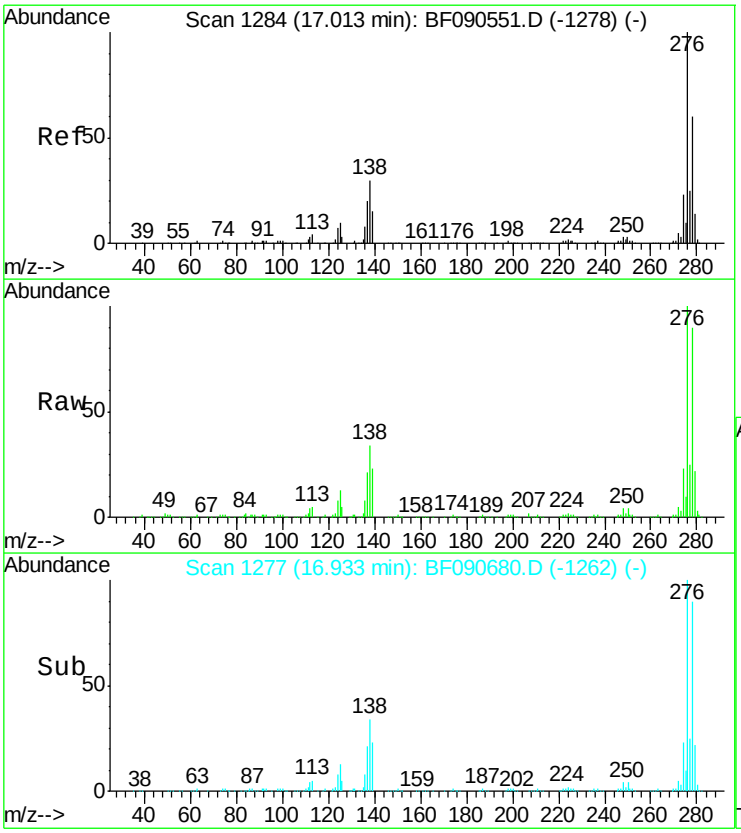
#84
Di-n-octyl phthalate
Concen: 45.92 ng
RT: 14.65 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:149 Resp: 1721002

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	6.7	10.1#

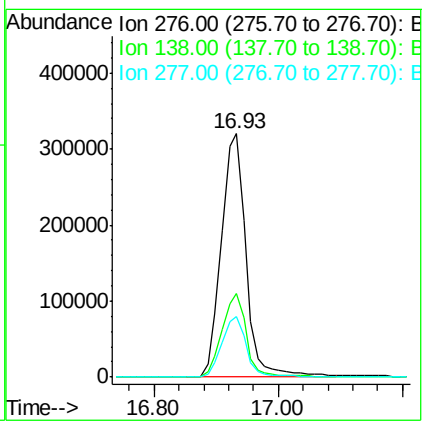


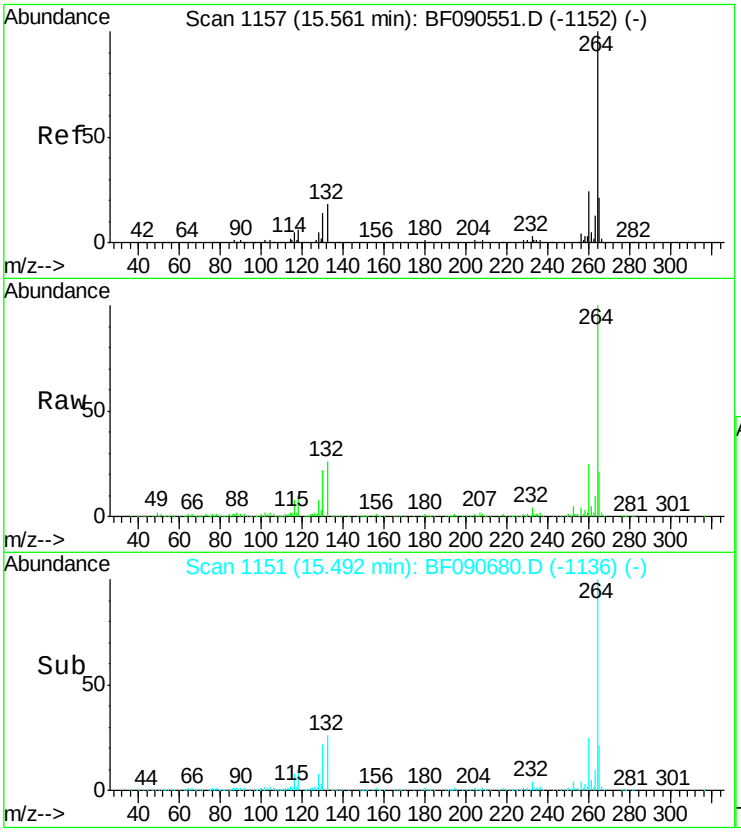


#85
Indeno(1,2,3-cd)pyrene
Concen: 39.44 ng
RT: 16.93 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:276 Resp: 883217

Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.8	38.6
277	25.0	20.1	30.1



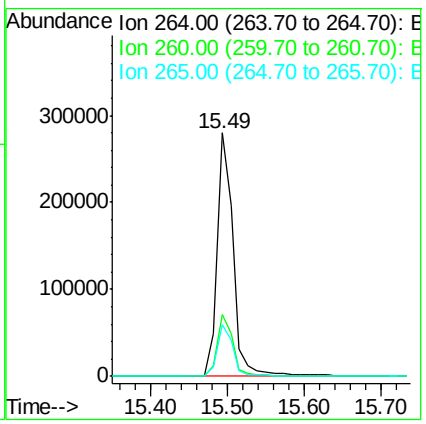


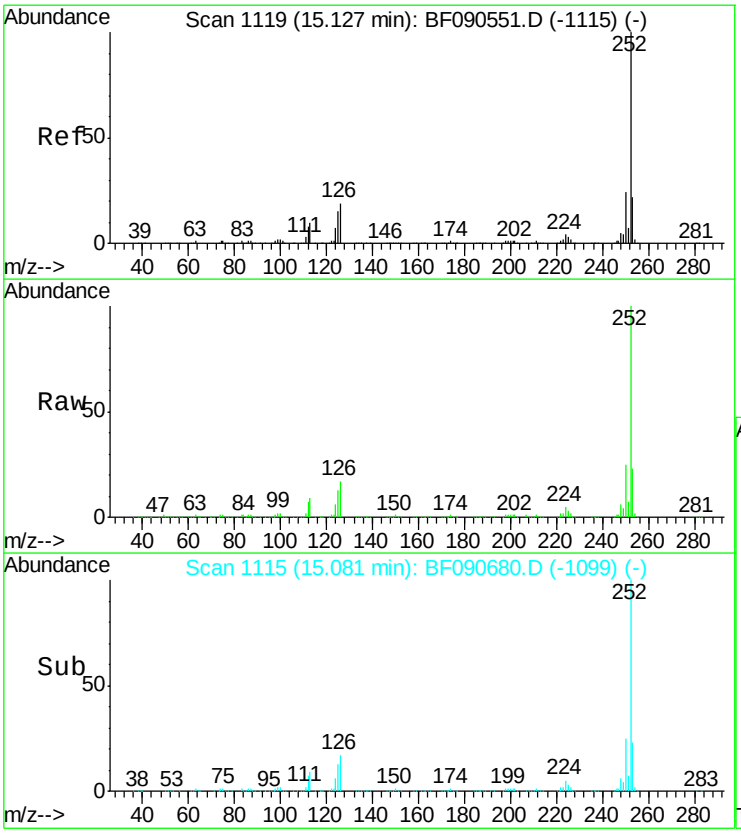
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:264 Resp: 408869

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.3	28.9
265	21.3	16.7	25.1

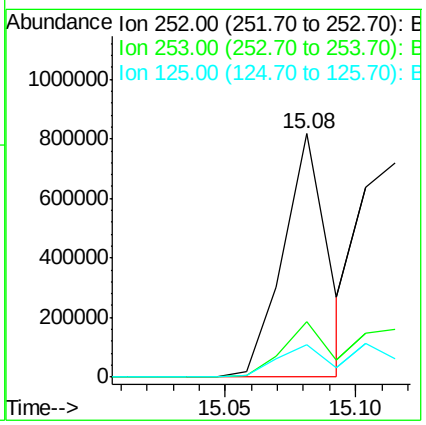


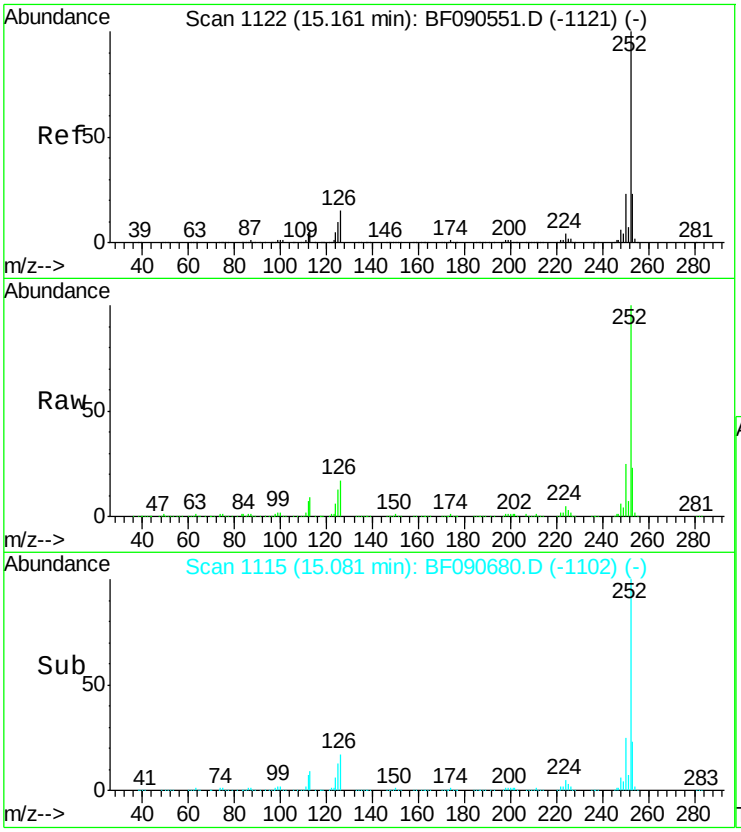


#87
Benzo(b)fluoranthene
Concen: 35.97 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:252 Resp: 962358

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	13.1	12.0	18.0



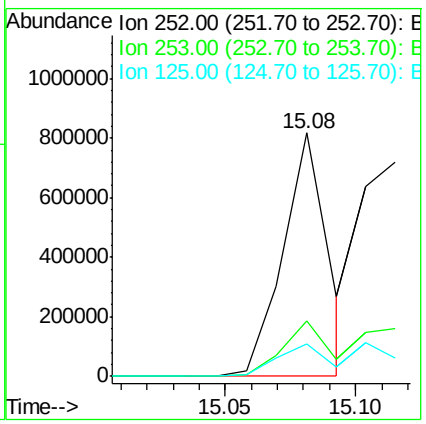


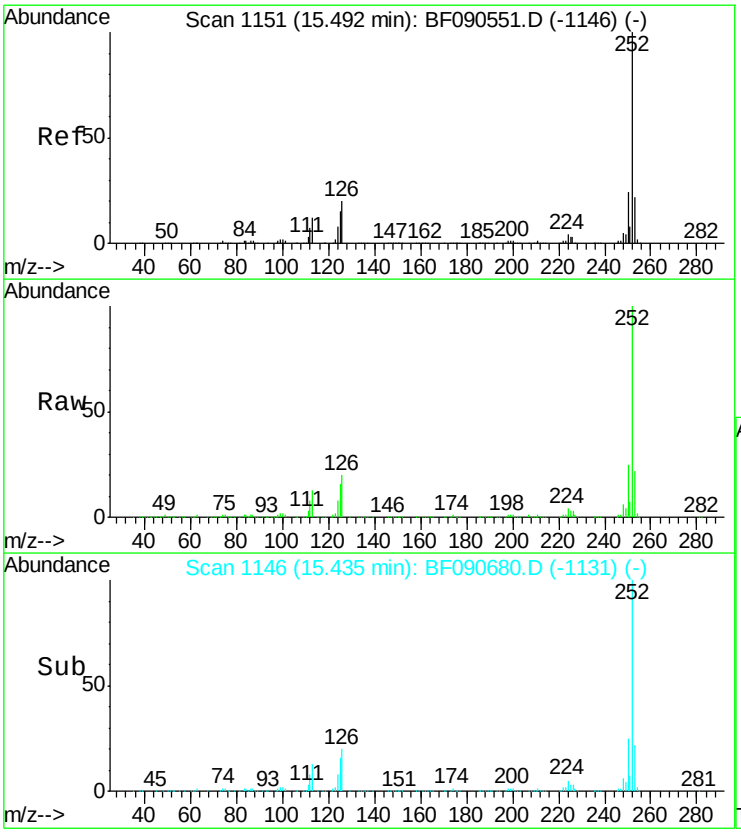
#88
Benzo(k)fluoranthene
Concen: 33.43 ng
RT: 15.08 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:252 Resp: 962358

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.1	10.0	15.0

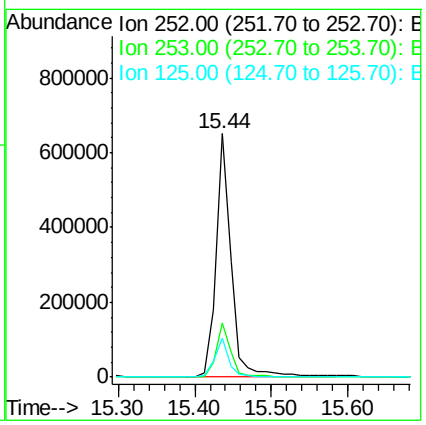


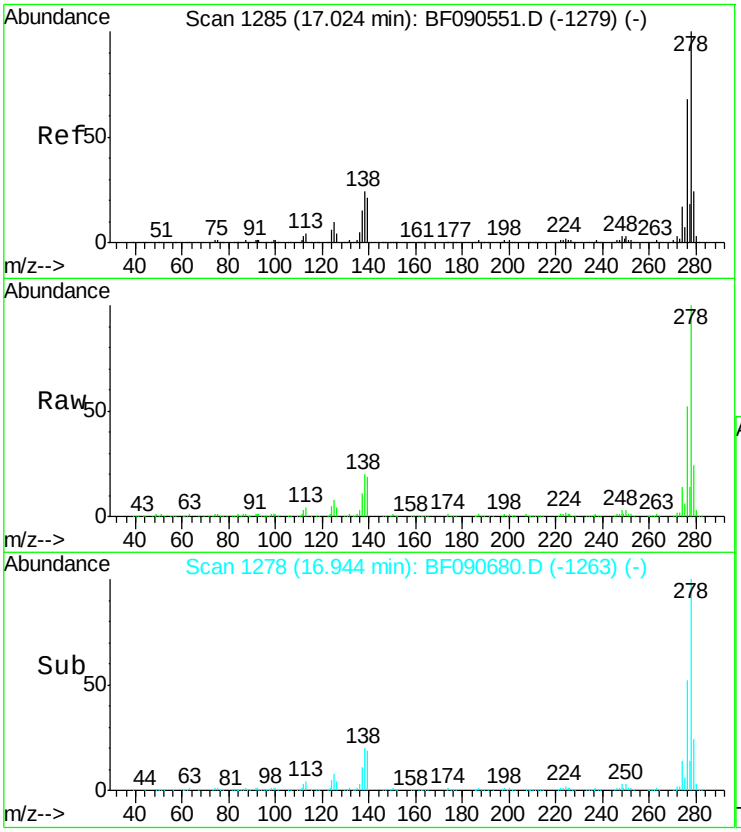


#89
Benzo(a)pyrene
Concen: 35.82 ng
RT: 15.44 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:252 Resp: 877331

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	15.9	12.3	18.5



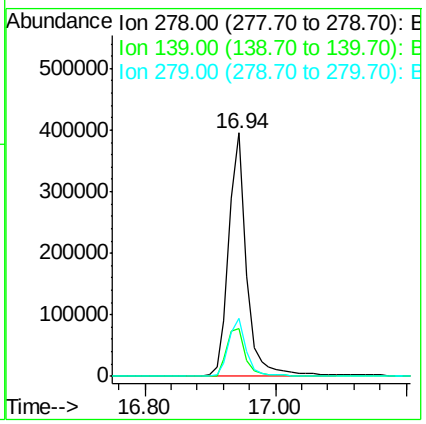


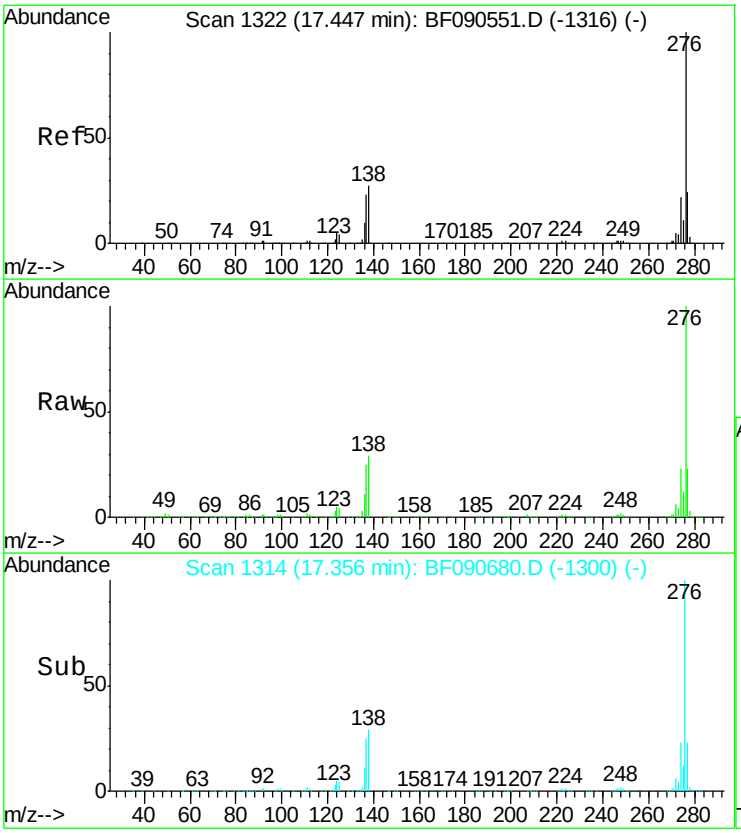
#90
Dibenzo(a,h)anthracene
Concen: 40.03 ng
RT: 16.94 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB94156BS

Tgt Ion:278 Resp: 747753

Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	25.0
279	24.1	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 39.87 ng
RT: 17.36 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF090680.D
Acq: 20 Oct 2016 14:20

Tgt Ion:276 Resp: 710122

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	29.2	21.8	32.8