Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013017\
Data File : BF092633.D
Acq On : 30 Jan 2017 15:00
Operator : SJ/MA
Sample : I1305-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0035

Quant Time: Jan 30 15:26:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	158979	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	637250	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	363845	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	570536	20.00	ng		0.00
75) Chrysene-d12	14.13	240	571215	20.00	ng		-0.01
86) Perylene-d12	15.61	264	458471	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1475834	159.26	ng		0.01
7) Phenol-d6	6.61	99	1992944	167.15	ng		0.01
23) Nitrobenzene-d5	7.53	82	1111471	97.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	420081	159.63	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1935886	96.39	ng		0.00
78) Terphenyl-d14	13.08	244	1771843	72.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	235	0.05	ng	#	23
6) Aniline	6.62	93	584	0.04	ng	#	1
8) 2-Chlorophenol	6.75	128	781061	76.40	ng		95
9) Benzaldehyde	6.61	77	2800	0.33	ng	#	1
10) Phenol	6.62	94	5952	0.43	ng	#	66
11) bis(2-Chloroethyl)ether	6.62	93	584	0.05	ng	#	67
12) 1,3-Dichlorobenzene	6.98	146	336	0.03	ng	#	74
13) 1,4-Dichlorobenzene	6.98	146	336	0.03	ng	#	58
14) 1,2-Dichlorobenzene	7.13	146	710	0.06	ng	#	1
15) Benzyl Alcohol	7.12	79	18249	2.07	ng	#	39
16) 2,2'-oxybis(1-Chloropropan	7.22	45	1995	0.10	ng	#	1
17) 2-Methylphenol	7.22	107	687479	78.39	ng		96
19) n-Nitroso-di-n-propylamine	7.53	70	145009	19.11	ng	#	82
20) 3+4-Methylphenols	7.38	107	2054747	195.95	ng	#	65
22) Acetophenone	7.38	105	20039	1.38	ng	#	1
24) Nitrobenzene	7.38	77	581693	49.50	ng	#	48
25) Isophorone	7.53	82	1098825	51.53	ng	#	65
26) 2-Nitrophenol	7.86	139	662	0.12	ng	#	59
27) 2,4-Dimethylphenol	7.90	122	670326	68.33	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	27299	1.93	ng	#	1
29) 2,4-Dichlorophenol	8.11	162	1227124	134.13	ng		90
31) Naphthalene	8.34	128	91197	2.82	ng	#	78
32) Benzoic acid	7.90	122	670326	109.77	ng	#	13
33) 4-Chloroaniline	8.34	127	24960	1.97	ng	#	63
35) Caprolactam	8.81	113	21171	7.36	ng	#	42
36) 4-Chloro-3-methylphenol	8.81	107	794291	83.27	ng		100
37) 2-Methylnaphthalene	8.81	142	599947	28.93	ng	#	24
42) 2,4,6-Trichlorophenol	9.25	196	875294	130.43	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	514130	69.92	ng		93
45) 1,1'-Biphenyl	9.42	154	4281	0.16	ng		93
46) 2-Chloronaphthalene	9.29	162	17250	0.84	ng	#	64
47) 2-Nitroaniline	9.33	65	3331	0.48	ng	#	1
48) Acenaphthylene	9.87	152	1153	0.03	ng	#	59
50) 2,6-Dinitrotoluene	10.01	165	47936	9.06	ng	#	30

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013017\
Data File : BF092633.D
Acq On : 30 Jan 2017 15:00
Operator : SJ/MA
Sample : I1305-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0035

Quant Time: Jan 30 15:26:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	10.08	154	258757	12.16	ng	#	5
52) 3-Nitroaniline	10.08	138	13489	2.23	ng	#	1
53) 2,4-Dinitrophenol	10.08	184	426361	153.72	ng	#	71
54) Dibenzofuran	10.33	168	1285	0.05	ng	#	42
55) 4-Nitrophenol	10.14	139	523304	119.96	ng	#	81
56) 2,4-Dinitrotoluene	10.01	165	47937	6.80	ng	#	19
57) Fluorene	10.56	166	588	0.03	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	10.34	232	4083	0.83	ng	#	93
59) Diethylphthalate	10.43	149	934	0.04	ng	#	60
60) 4-Chlorophenyl-phenylether	10.54	204	242	0.02	ng	#	21
61) 4-Nitroaniline	10.61	138	468	0.08	ng	#	1
62) Azobenzene	10.80	77	2995	0.13	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.61	198	422745	117.63	ng		85
65) n-Nitrosodiphenylamine	10.67	169	588	0.03	ng	#	75
66) 4-Bromophenyl-phenylether	10.81	248	32138	5.39	ng	#	1
67) Hexachlorobenzene	11.10	284	322	0.05	ng	#	45
68) Atrazine	11.30	200	59007	10.09	ng	#	36
69) Pentachlorophenol	11.31	266	318248	102.44	ng		99
70) Phenanthrene	11.52	178	1018	0.03	ng	#	58
71) Anthracene	11.57	178	1081	0.03	ng	#	59
72) Carbazole	11.73	167	888	0.03	ng	#	58
73) Di-n-butylphthalate	12.05	149	2249	0.07	ng	#	76
74) Fluoranthene	12.71	202	1038	0.03	ng		61
76) Benzidine	12.83	184	2839	0.12	ng	#	87
77) Pyrene	12.93	202	1094	0.03	ng	#	78
79) Butylbenzylphthalate	13.55	149	357	0.02	ng	#	64
80) Benzo(a)anthracene	14.12	228	3728	0.11	ng	#	73
81) 3,3'-Dichlorobenzidine	14.09	252	512	0.04	ng	#	70
82) Chrysene	14.12	228	3728	0.11	ng	#	70
83) Bis(2-ethylhexyl)phthalate	14.11	149	1481	0.06	ng	#	89
84) Di-n-octyl phthalate	14.72	149	1087	0.03	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.08	276	463	0.02	ng	#	49
87) Benzo(b)fluoranthene	15.17	252	2096	0.07	ng	#	58
88) Benzo(k)fluoranthene	15.17	252	2096	0.08	ng	#	58
89) Benzo(a)pyrene	15.54	252	631	0.02	ng	#	58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013017\
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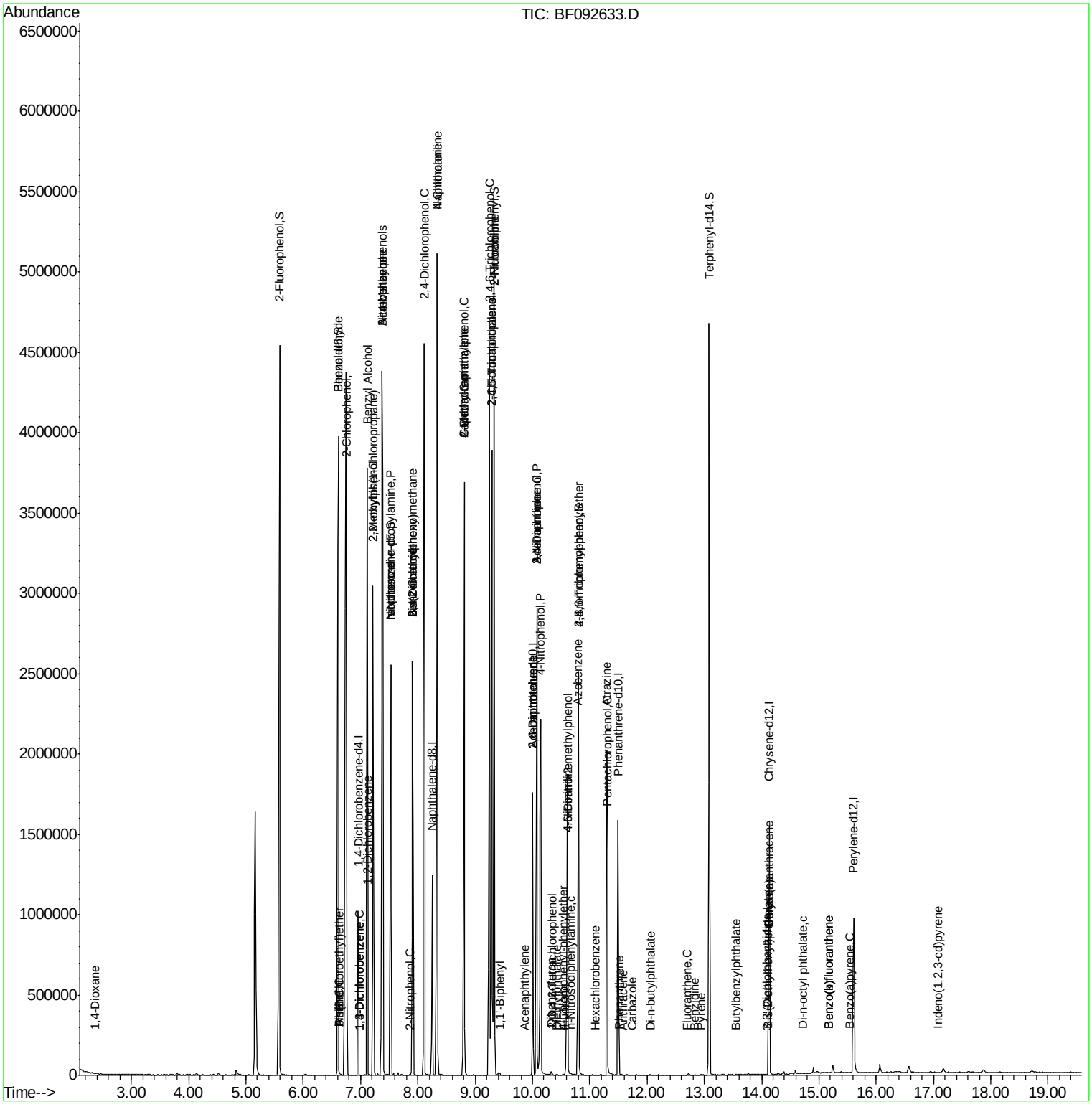
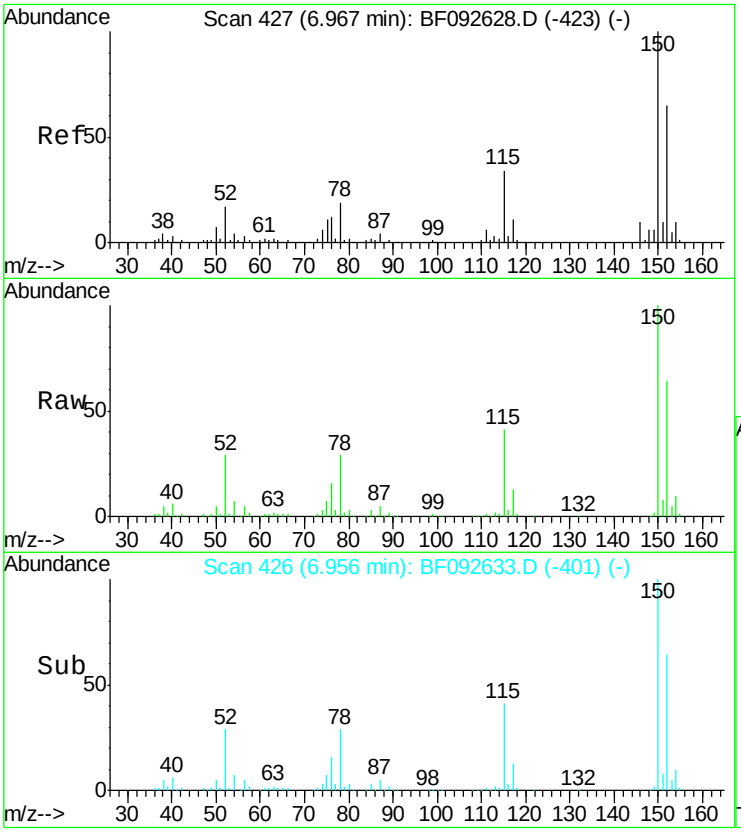


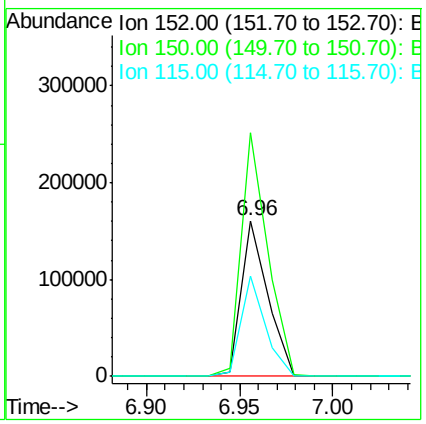


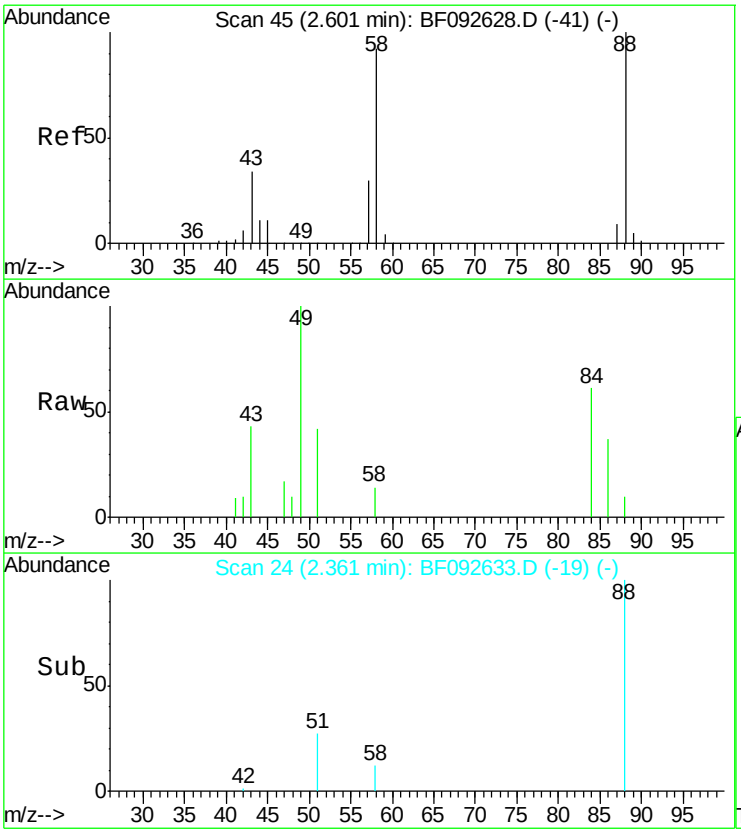
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:152 Resp: 158979

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	64.5	46.0	69.0

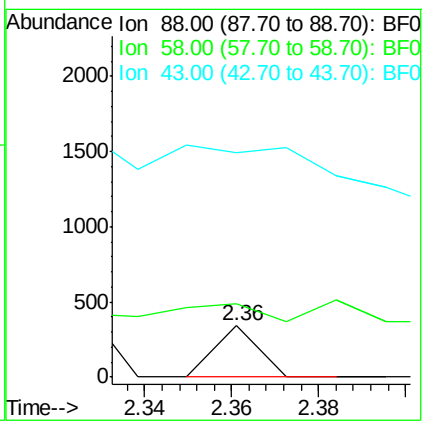


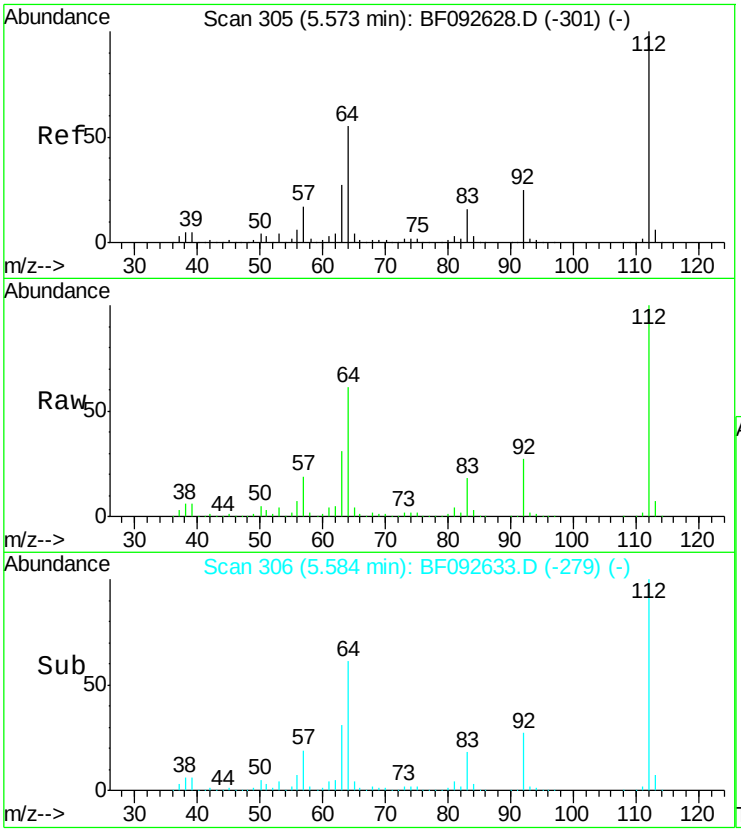


#2
1,4-Dioxane
Concen: 0.05 ng
RT: 2.36 min Scan# 24
Delta R.T. -0.24 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 88 Resp: 235

Ion	Ratio	Lower	Upper
88	100		
58	0.0	57.8	86.8#
43	0.0	22.3	33.5#



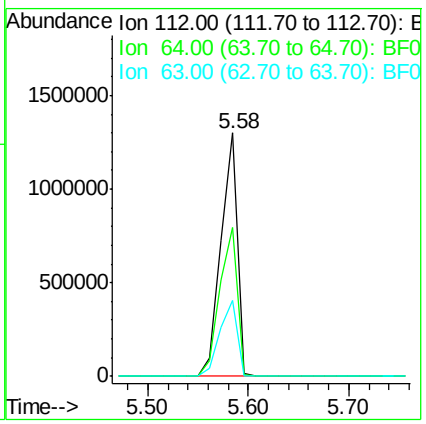


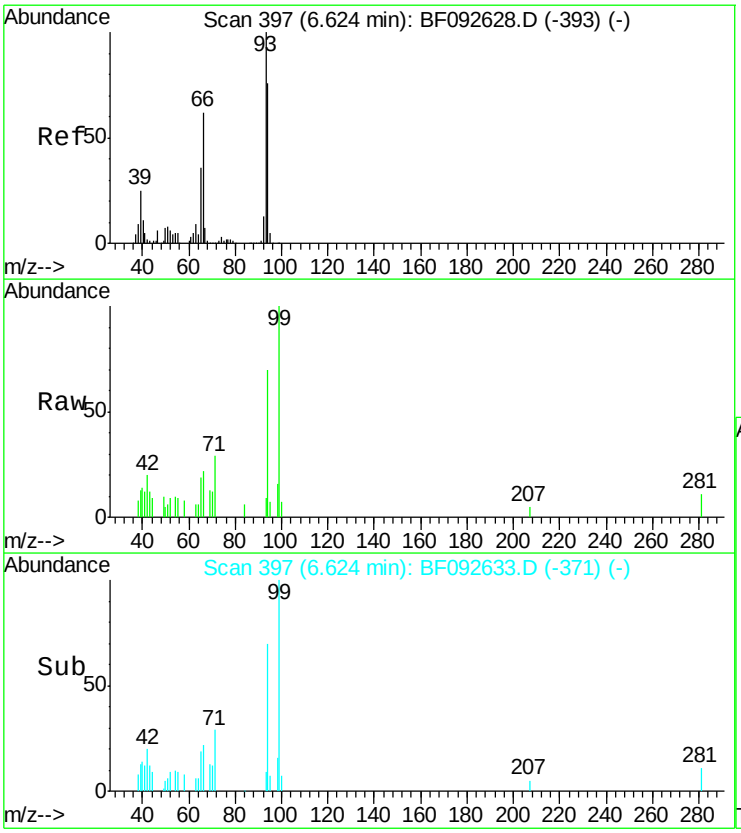
#5
2-Fluorophenol
Concen: 159.26 ng
RT: 5.58 min Scan# 306
Delta R.T. 0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:112 Resp: 1475834

Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.1	69.1
63	31.1	23.8	35.6

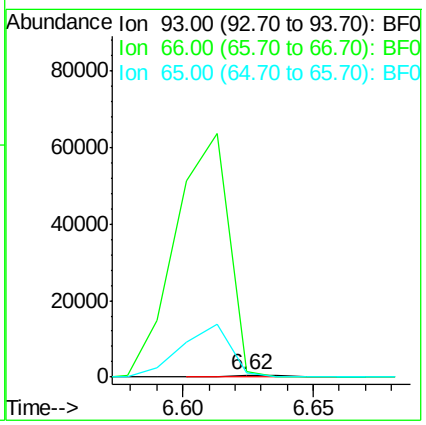


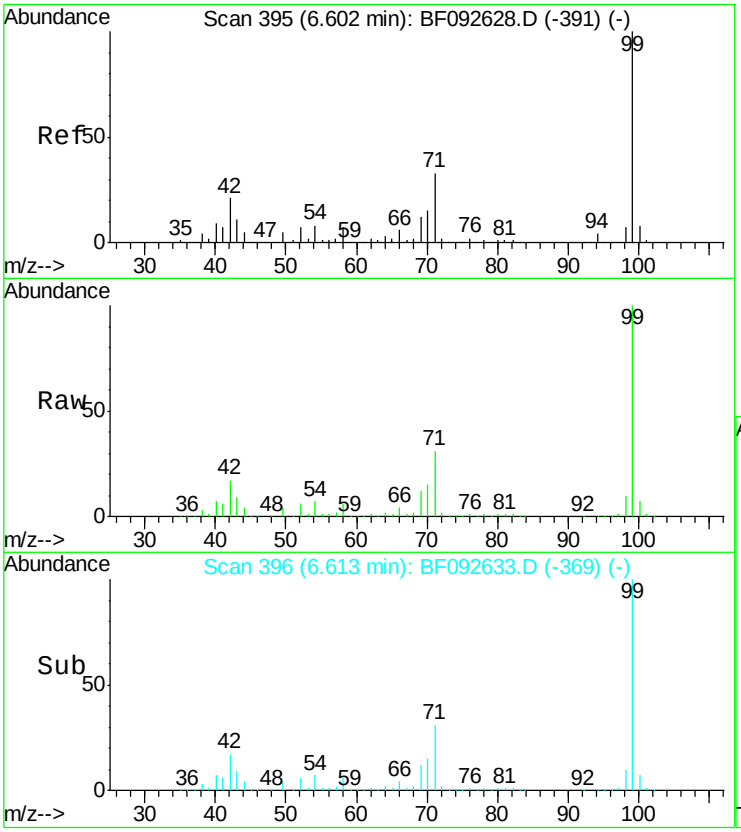


#6
Aniline
Concen: 0.04 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 93 Resp: 584

Ion	Ratio	Lower	Upper
93	100		
66	253.0	76.2	114.2#
65	219.5	49.3	73.9#



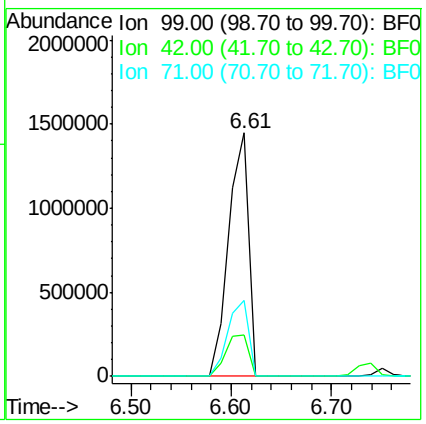


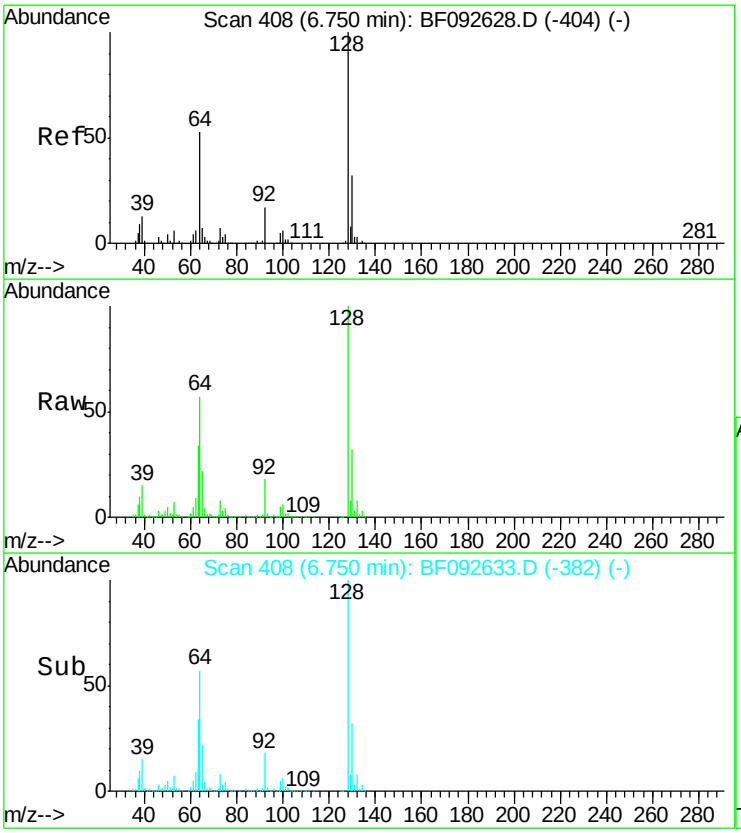
#7
Phenol-d6
Concen: 167.15 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion: 99 Resp: 1992944

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.6	23.4
71	31.0	27.5	41.3

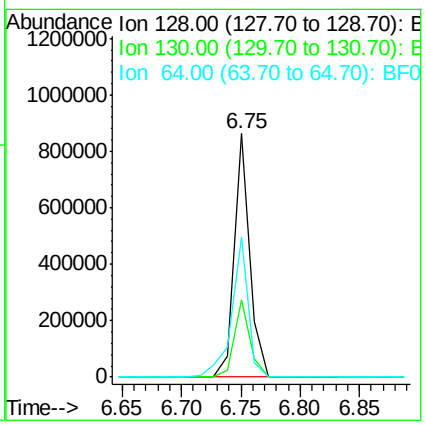


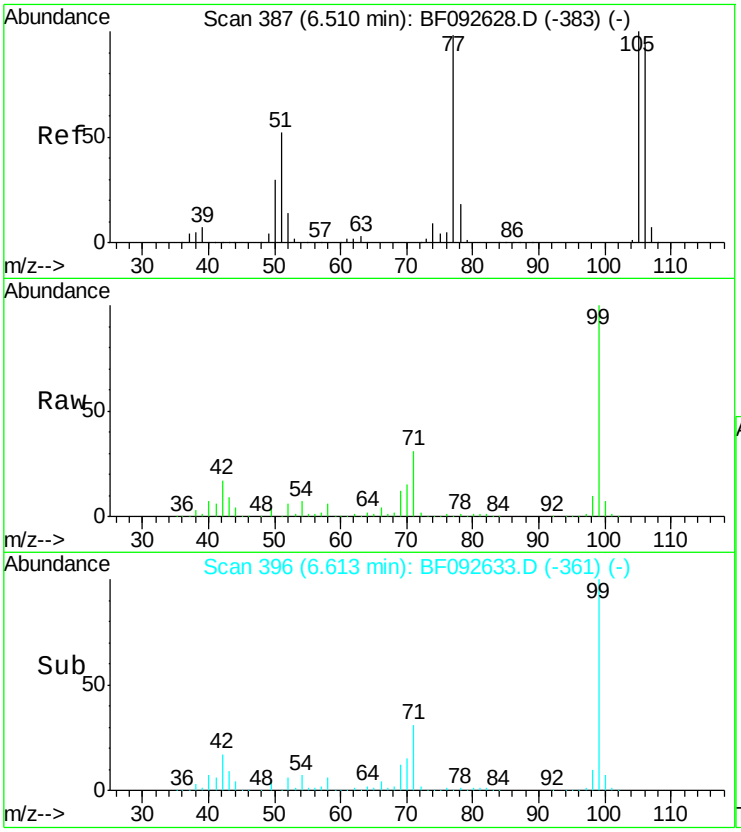


#8
2-Chlorophenol
Concen: 76.40 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:128 Resp: 781061

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.3	52.3
64	57.4	32.2	72.2



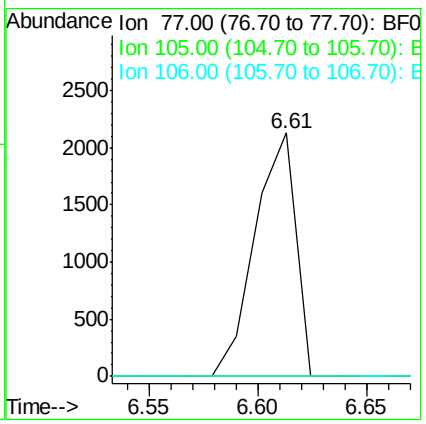


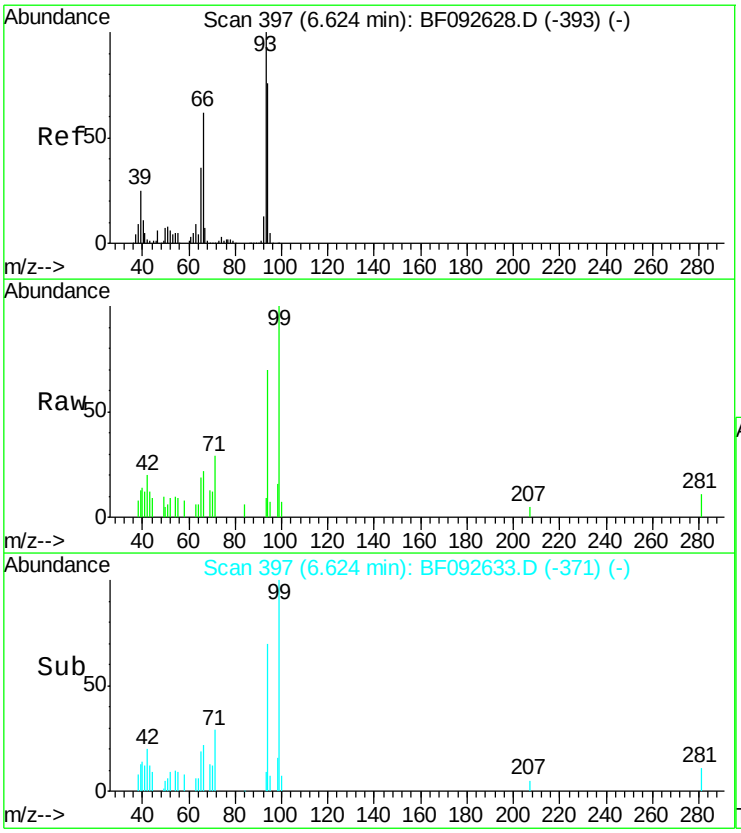
#9
Benzaldehyde
Concen: 0.33 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.10 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion: 77 Resp: 2800

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.9	123.9#
106	0.0	77.6	117.6#

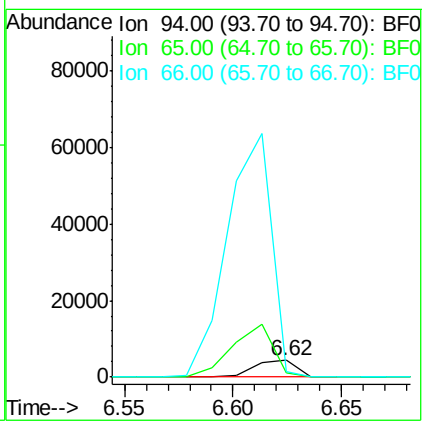


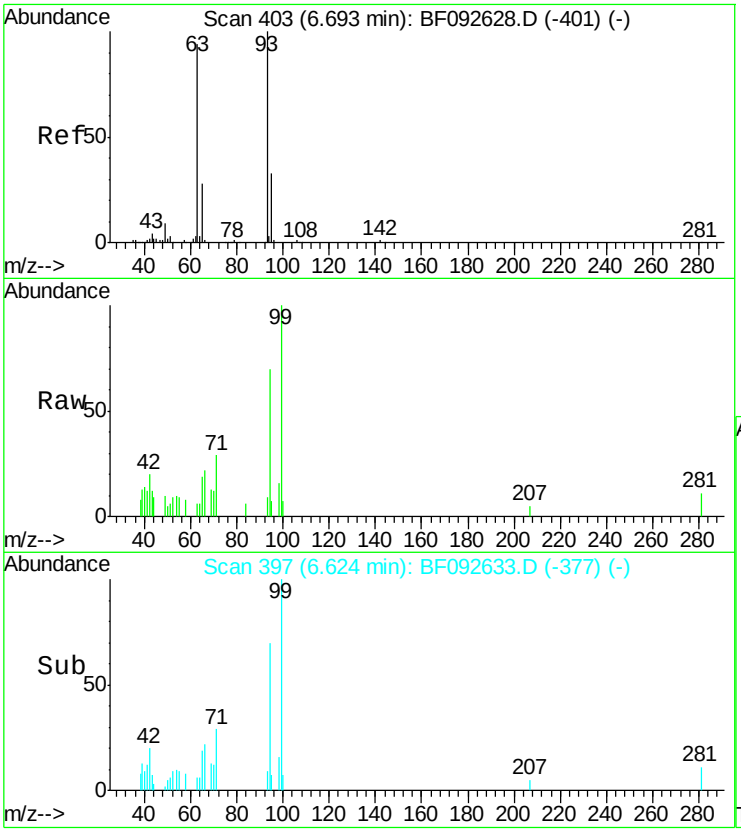


#10
Phenol
Concen: 0.43 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 94 Resp: 5952

Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.4	61.4
66	31.6	44.0	84.0#



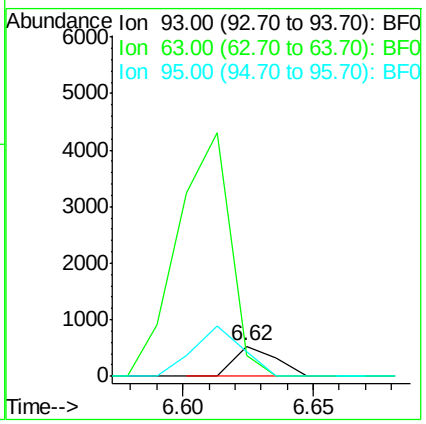


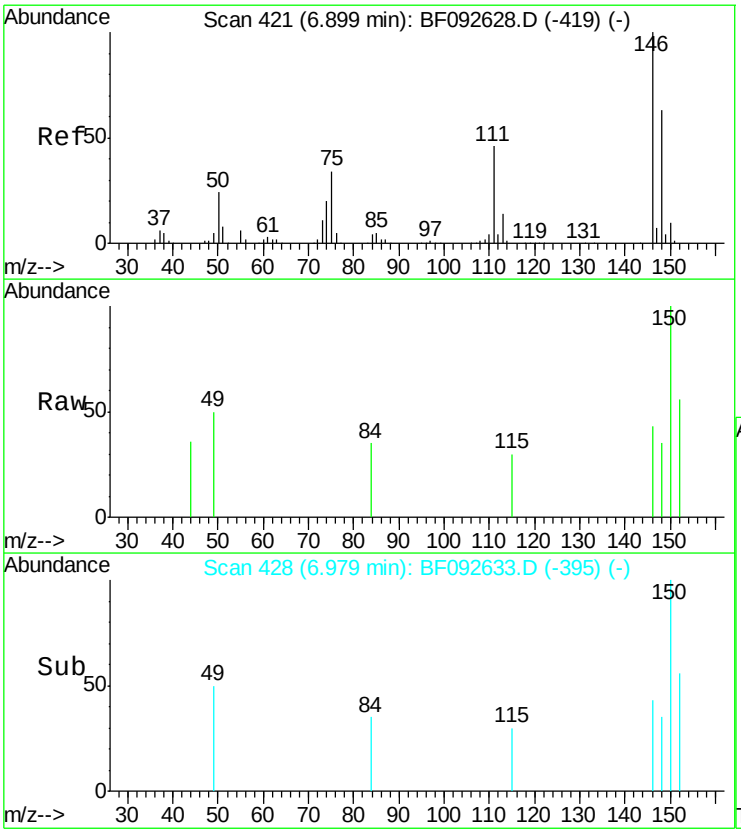
#11
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.07 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion: 93 Resp: 584

Ion	Ratio	Lower	Upper
93	100		
63	69.9	60.4	100.4
95	80.5	12.8	52.8#

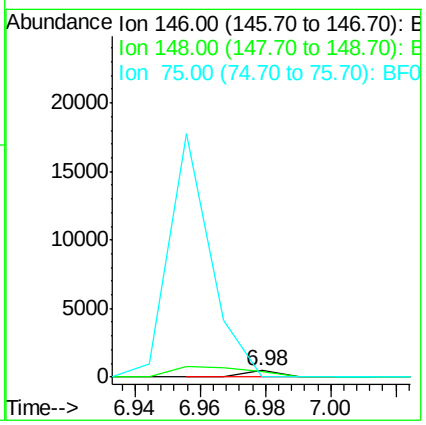


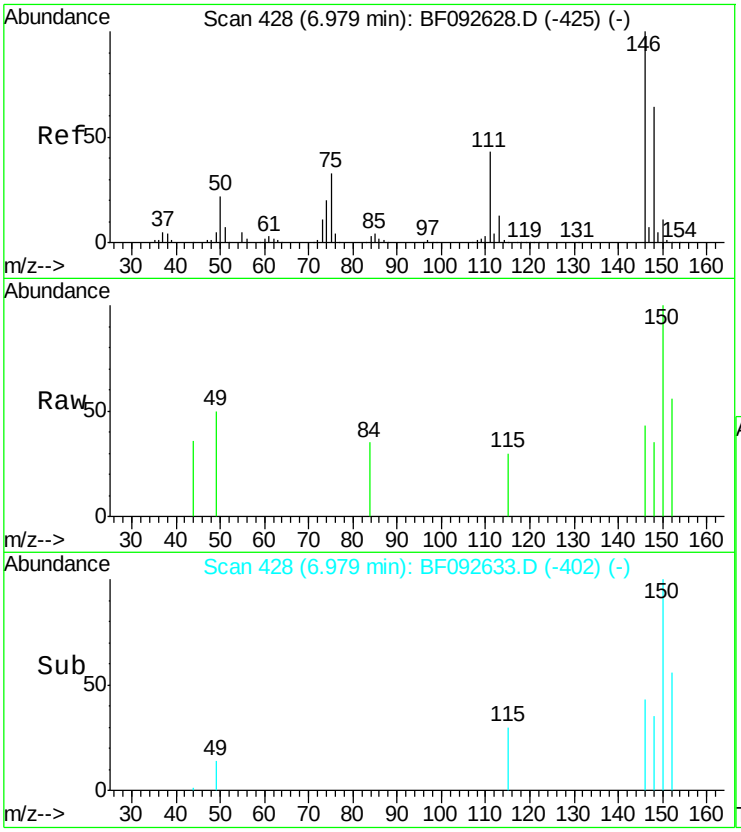


#12
1,3-Dichlorobenzene
Concen: 0.03 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.08 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:146 Resp: 336

Ion	Ratio	Lower	Upper
146	100		
148	81.2	53.4	80.0#
75	0.0	18.5	27.7#



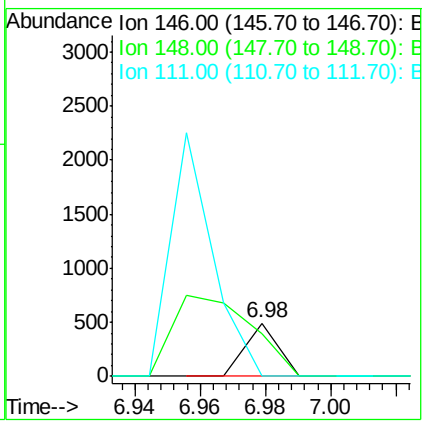


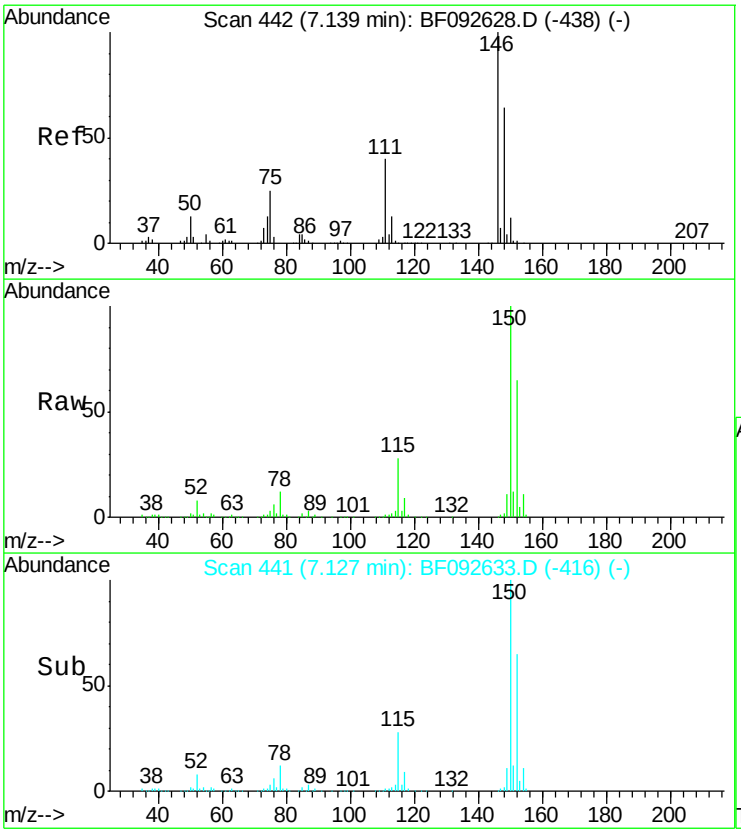
#13
1,4-Dichlorobenzene
Concen: 0.03 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:146 Resp: 336

Ion	Ratio	Lower	Upper
146	100		
148	81.2	50.6	76.0#
111	0.0	36.2	54.4#

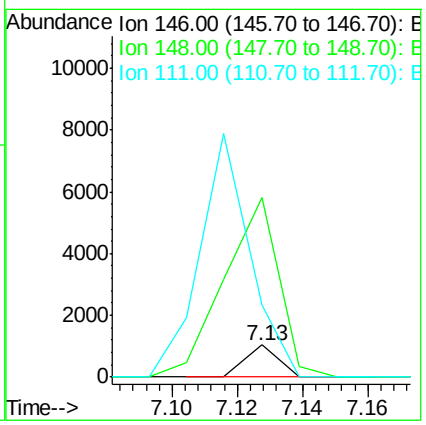


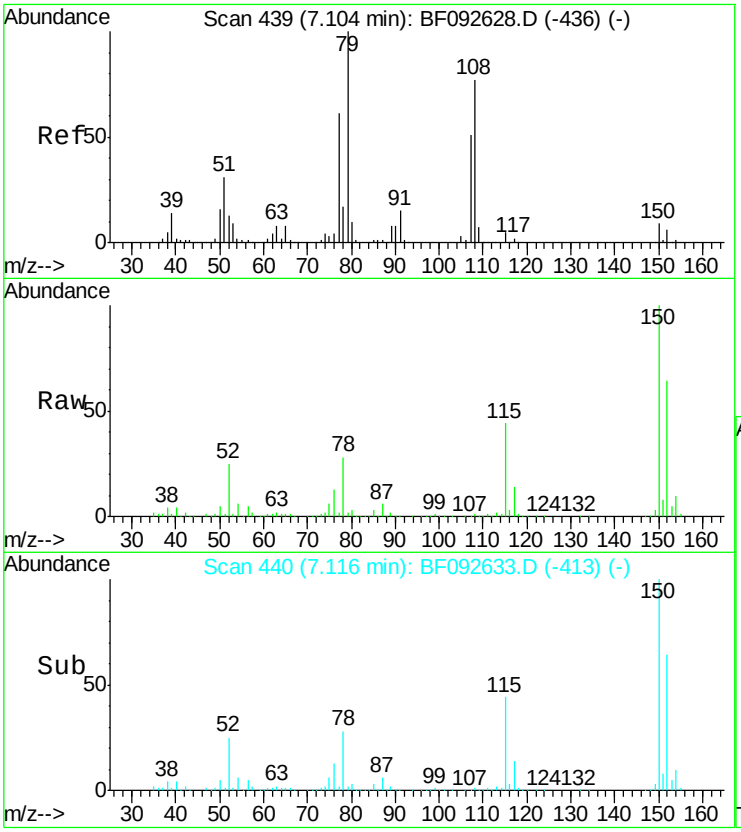


#14
1,2-Dichlorobenzene
Concen: 0.06 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:146 Resp: 710

Ion	Ratio	Lower	Upper
146	100		
148	563.3	52.2	78.2#
111	225.4	36.2	54.2#



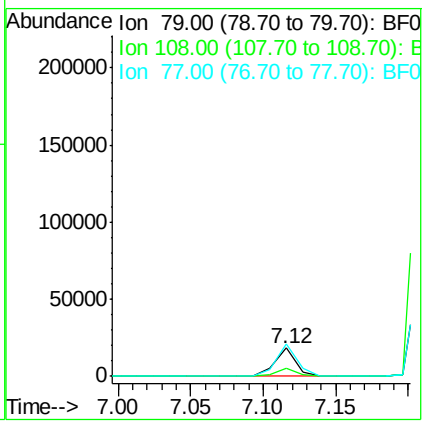


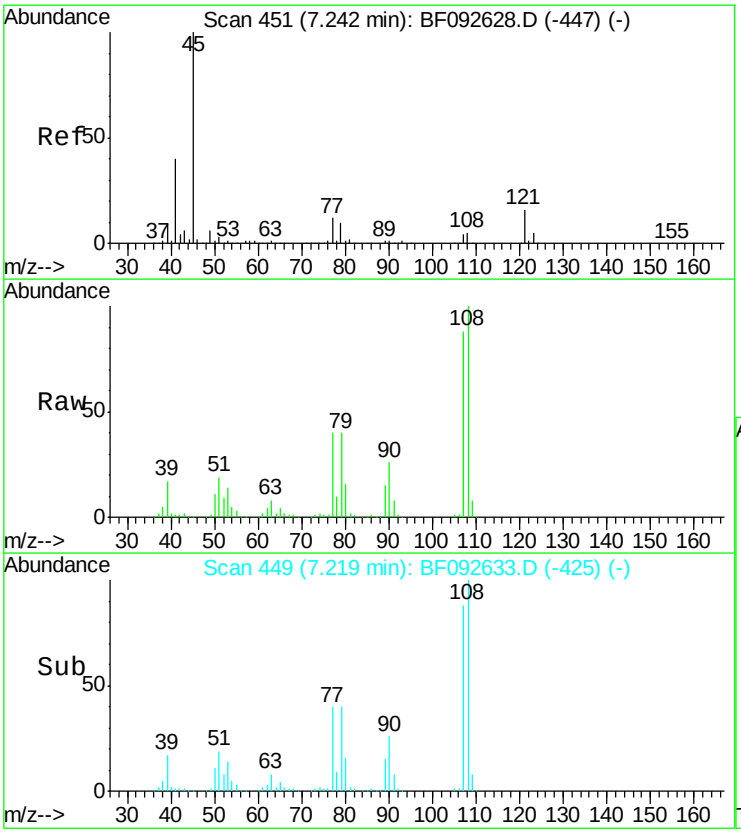
#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion: 79 Resp: 18249

Ion	Ratio	Lower	Upper
79	100		
108	27.5	61.4	92.0#
77	115.2	50.9	76.3#

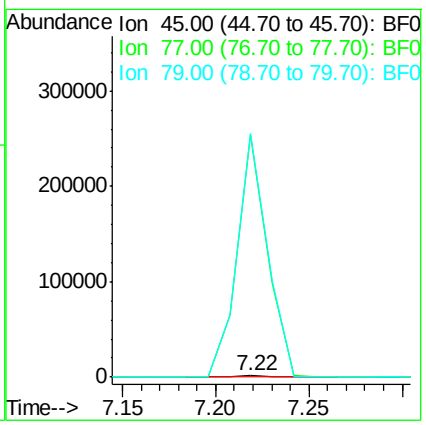


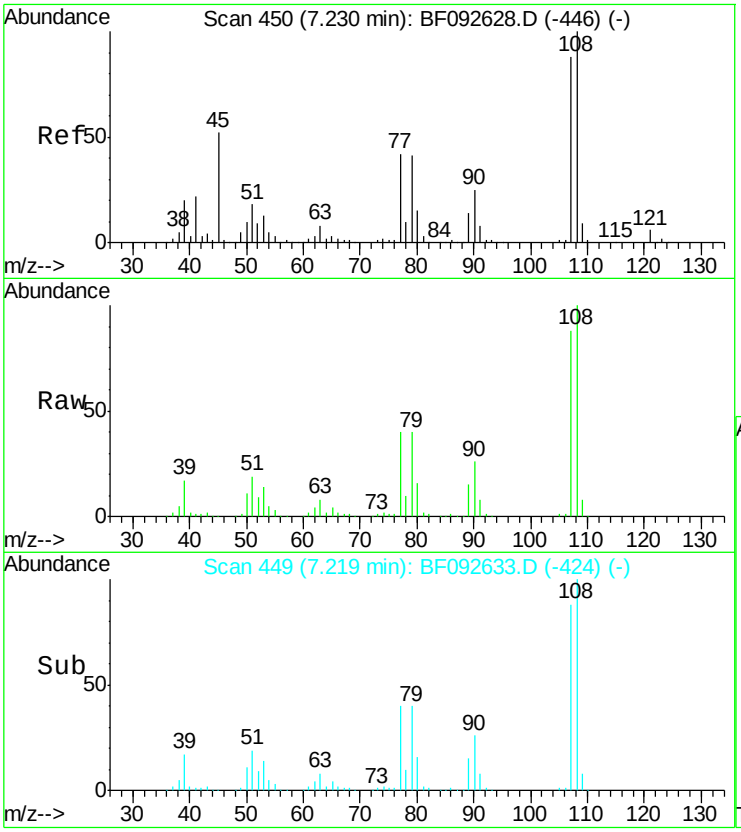


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.10 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 45 Resp: 1995

Ion	Ratio	Lower	Upper
45	100		
77	19856.5	0.0	34.6#
79	19981.8	0.0	31.2#



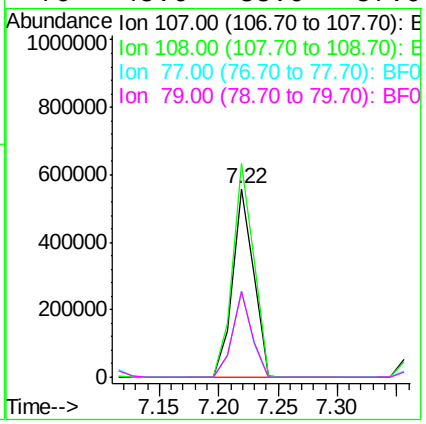


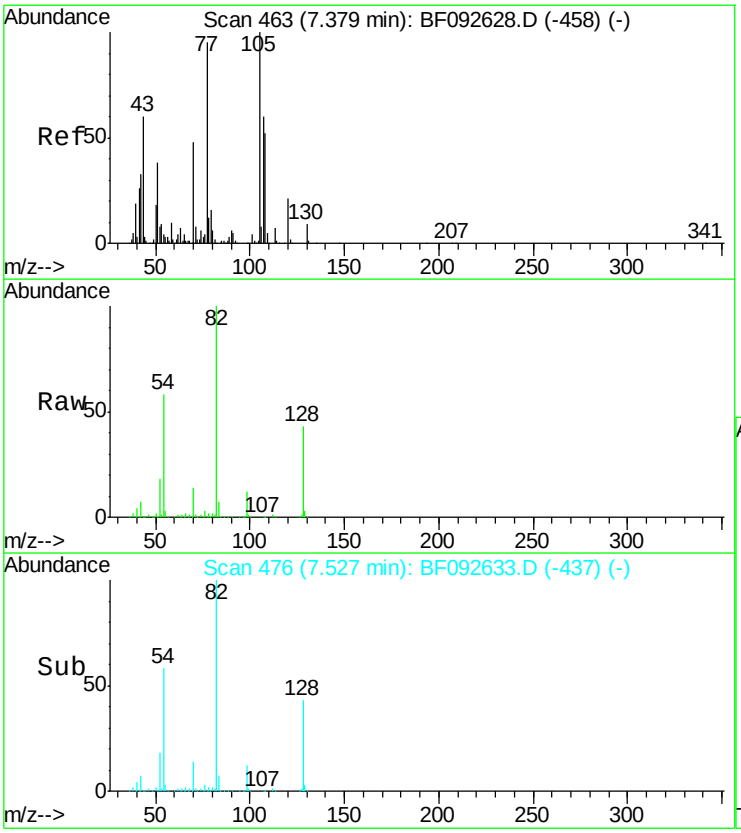
#17
2-Methylphenol
Concen: 78.39 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:107 Resp: 687479

Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.0	139.6
77	45.3	39.8	59.8
79	45.6	38.0	57.0

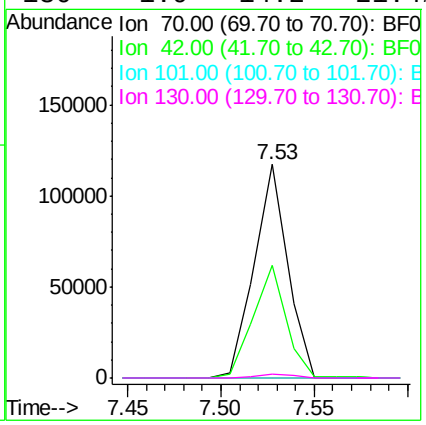


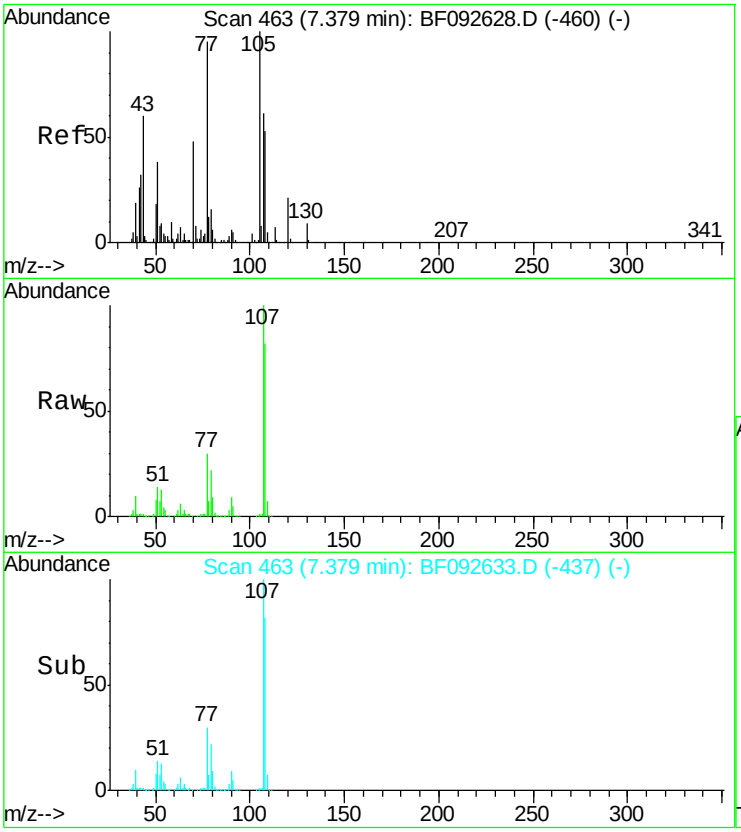


#19
n-Nitroso-di-n-propylamine
Concen: 19.11 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.15 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 70 Resp: 145009

Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



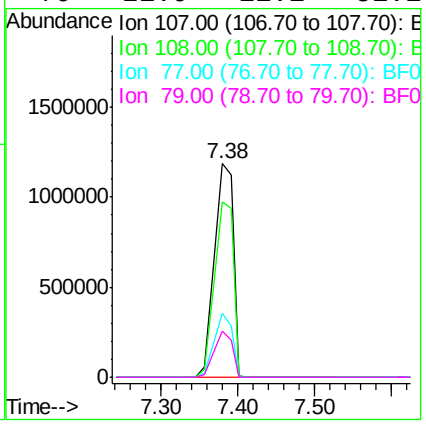


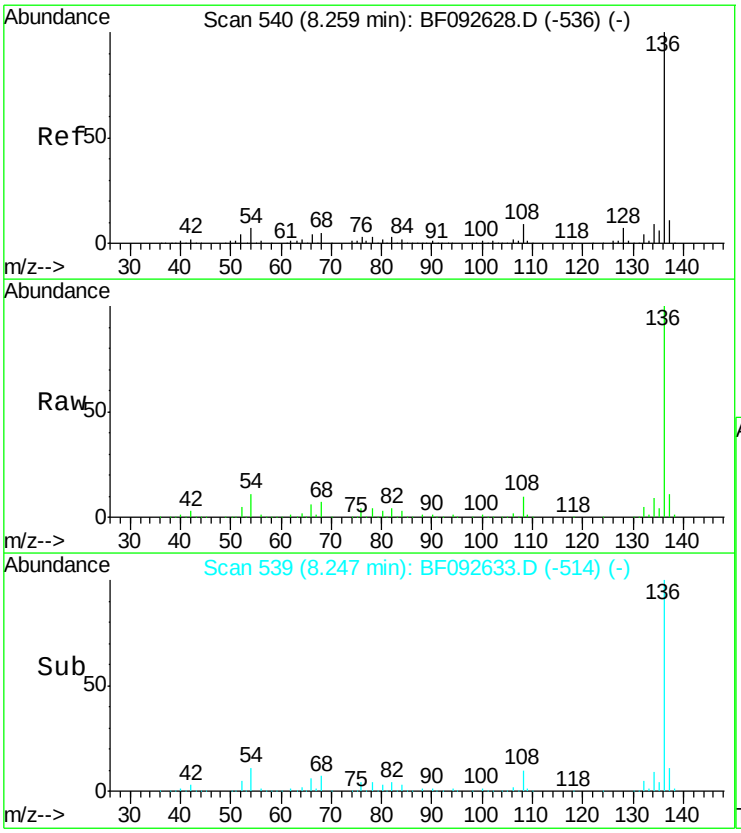
#20
3+4-Methylphenols
Concen: 195.95 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:107 Resp: 2054747

Ion	Ratio	Lower	Upper
107	100		
108	81.9	73.0	113.0
77	29.7	71.3	111.3#
79	21.9	11.1	51.1

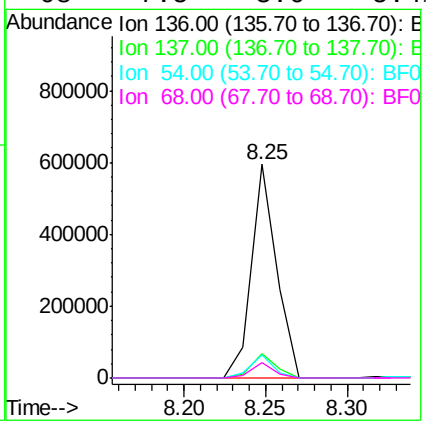


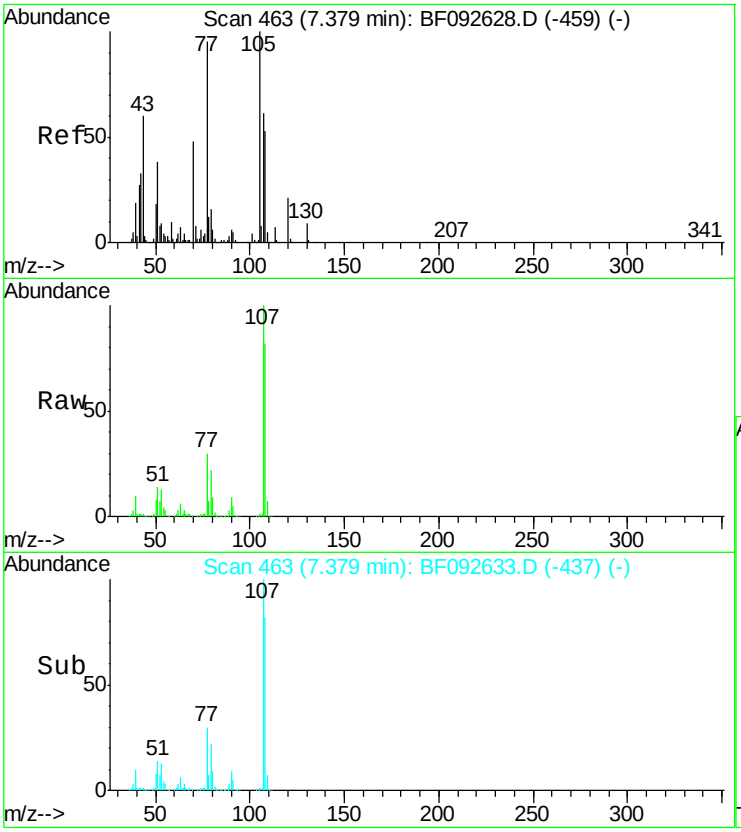


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:136 Resp: 637250

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.9	4.5	6.7#
68	7.5	3.6	5.4#



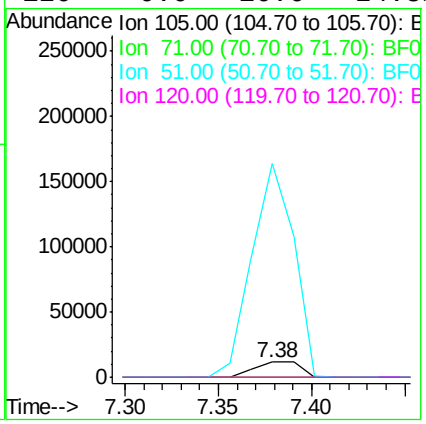


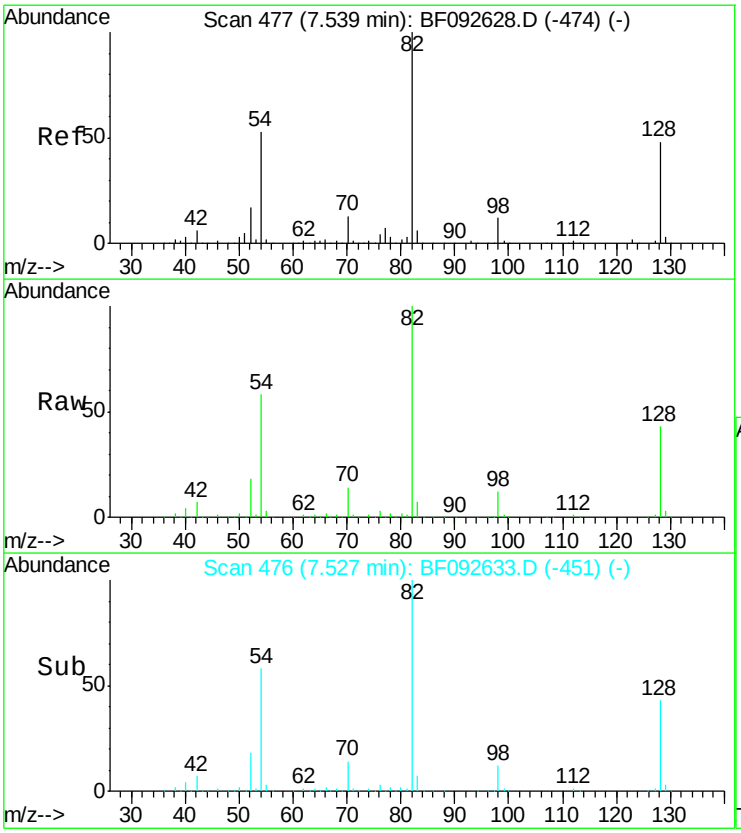
#22
Acetophenone
Concen: 1.38 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:105 Resp: 20039

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.2	4.8#
51	1417.5	26.2	39.4#
120	0.0	16.6	24.8#

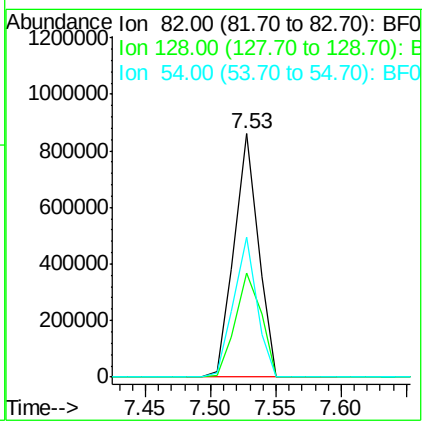


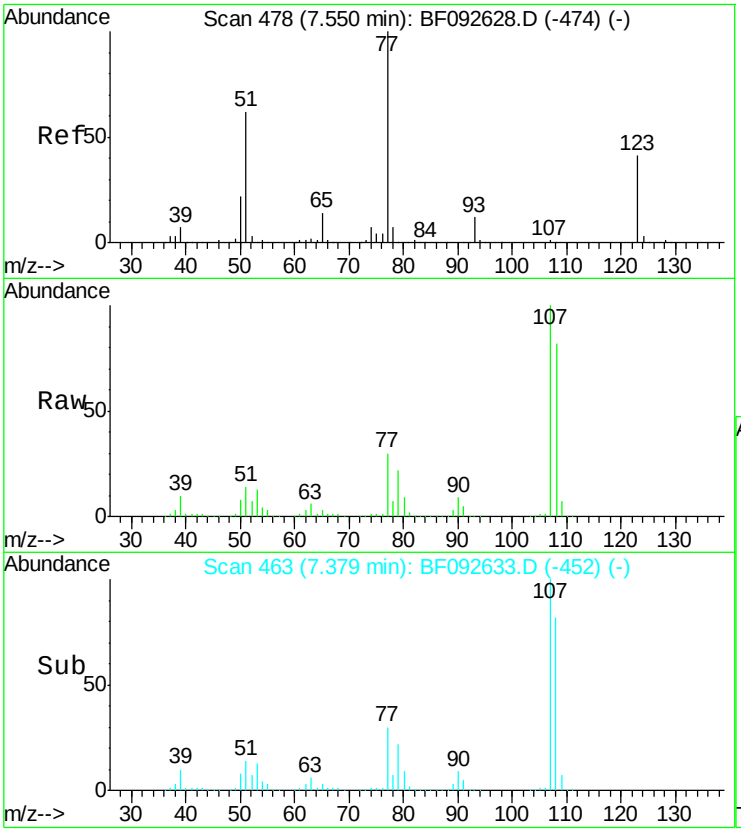


#23
Nitrobenzene-d5
Concen: 97.13 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 82 Resp: 1111471

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	57.7	39.5	59.3



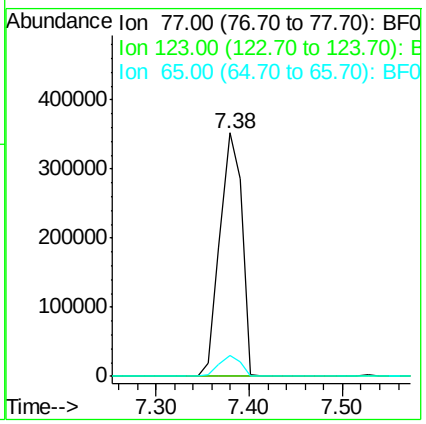


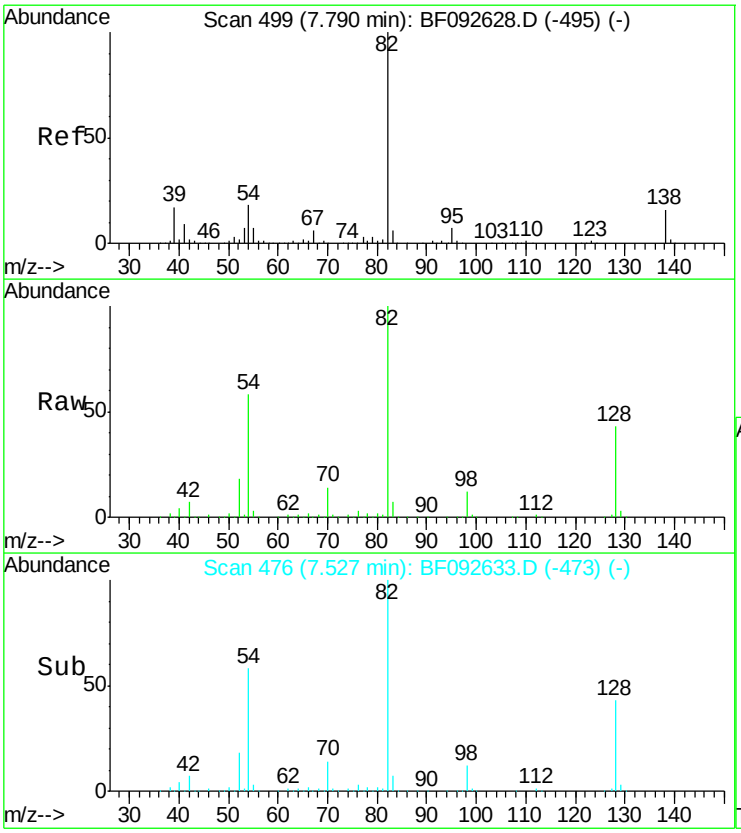
#24
Nitrobenzene
Concen: 49.50 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.17 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion: 77 Resp: 581693

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	8.6	11.2	16.8#

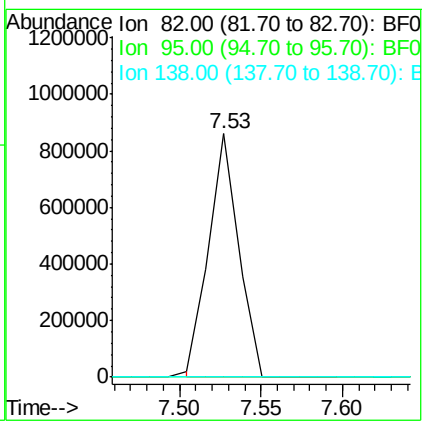


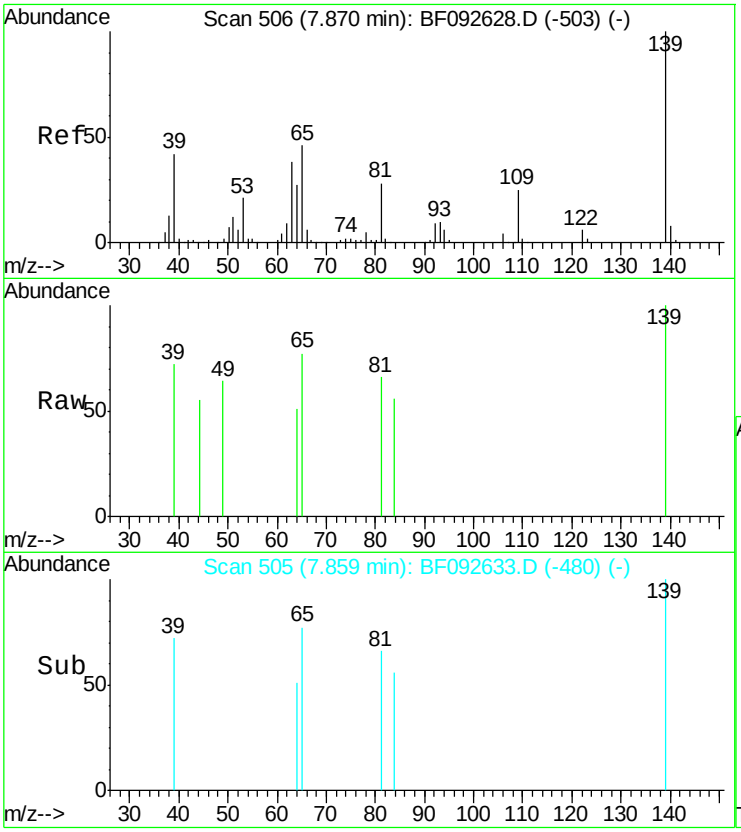


#25
Isophorone
Concen: 51.53 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.26 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 82 Resp: 1098825

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



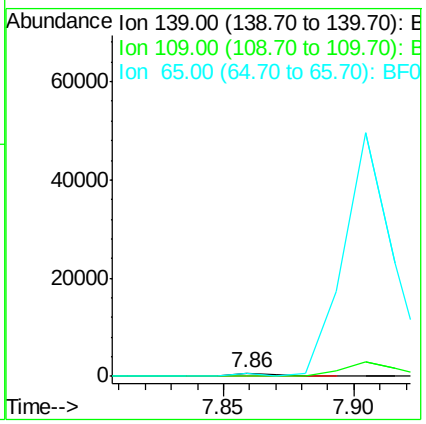


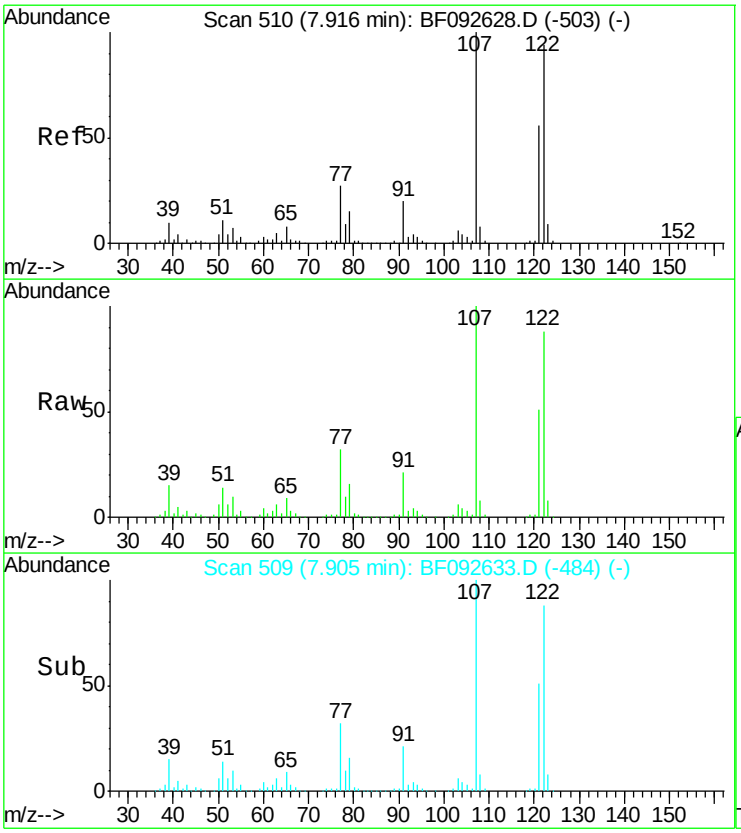
#26
2-Nitrophenol
Concen: 0.12 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument : BNA_F
ClientSampleId : 0035

Tgt Ion:139 Resp: 662

Ion	Ratio	Lower	Upper
139	100		
109	0.0	23.3	34.9#
65	77.1	42.7	64.1#

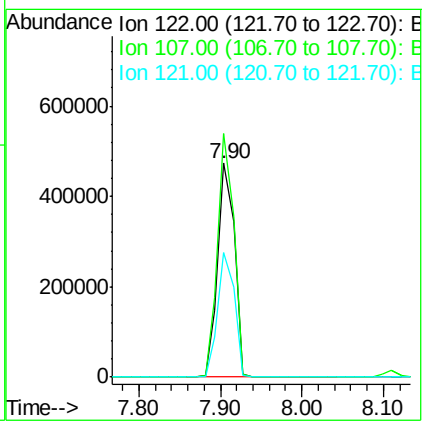


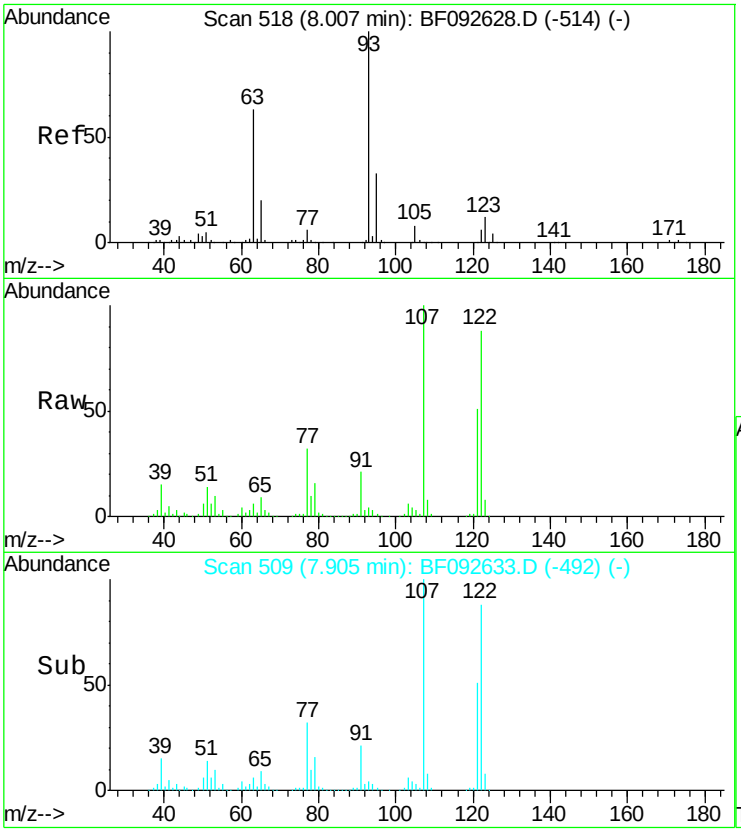


#27
2,4-Dimethylphenol
Concen: 68.33 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:122 Resp: 670326

Ion	Ratio	Lower	Upper
122	100		
107	113.9	94.1	141.1
121	58.3	46.0	69.0



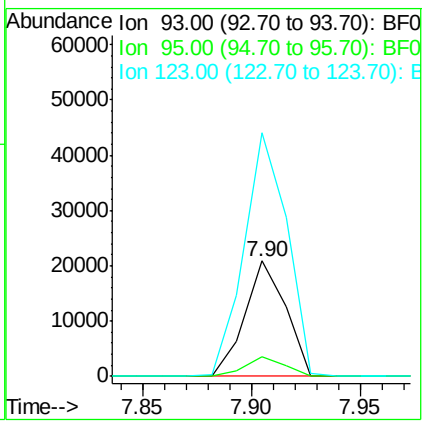


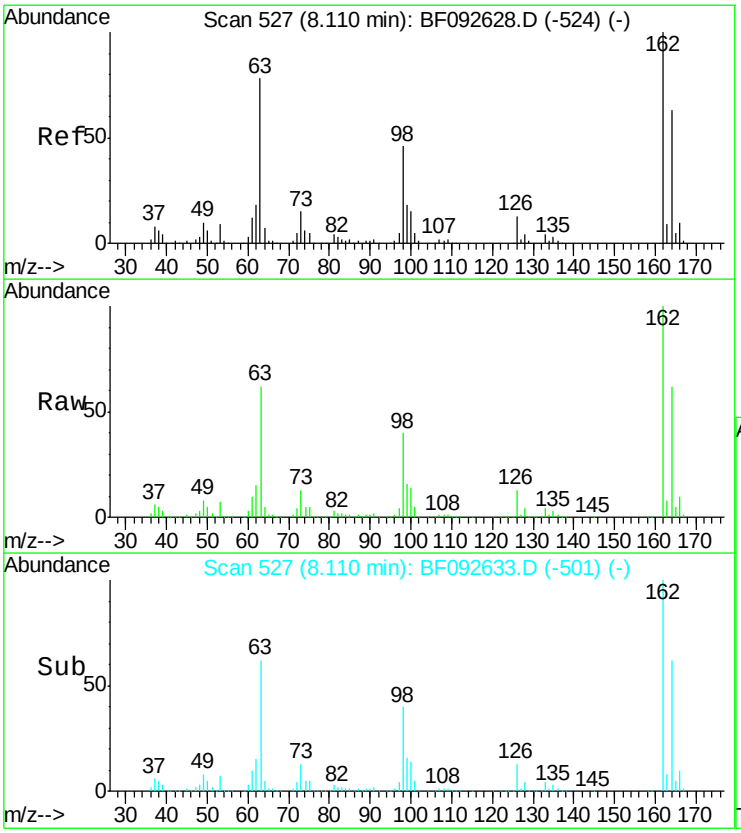
#28
bis(2-Chloroethoxy)methane
Concen: 1.93 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.10 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion: 93 Resp: 27299

Ion	Ratio	Lower	Upper
93	100		
95	17.0	26.5	39.7#
123	211.2	8.6	13.0#

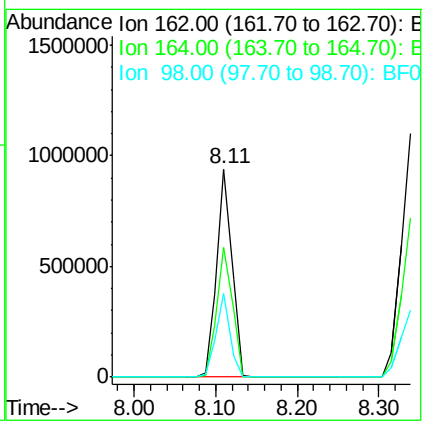


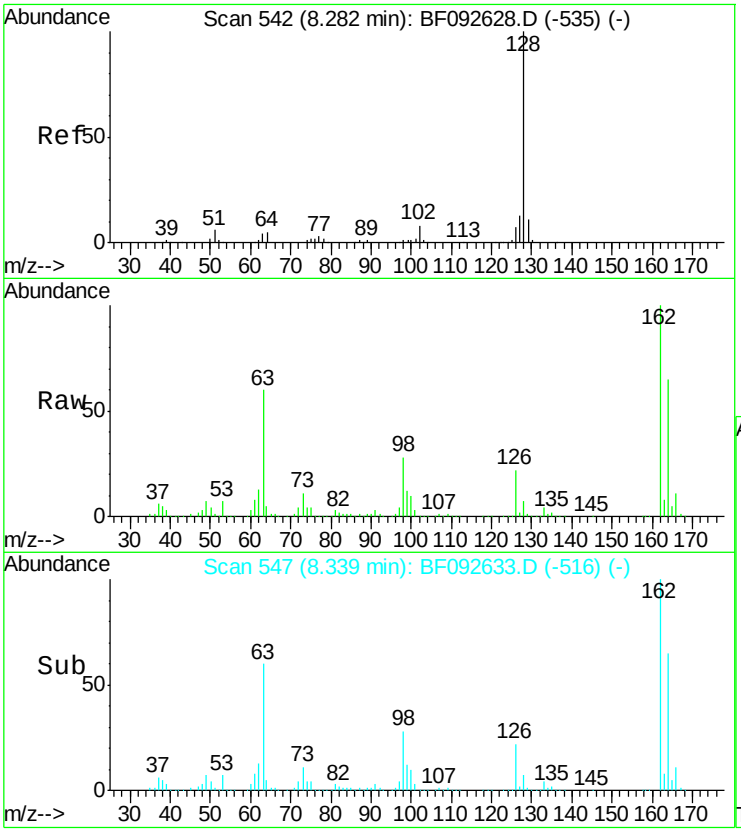


#29
2,4-Dichlorophenol
Concen: 134.13 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:162 Resp: 1227124

Ion	Ratio	Lower	Upper
162	100		
164	62.3	46.8	86.8
98	40.3	9.1	49.1



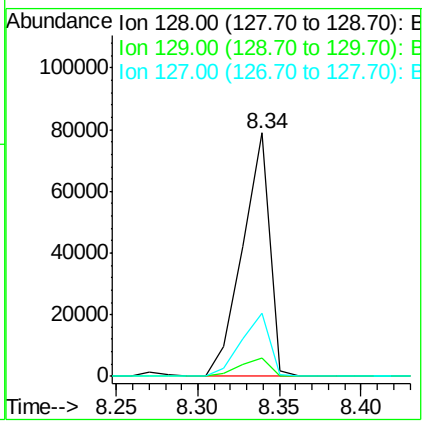


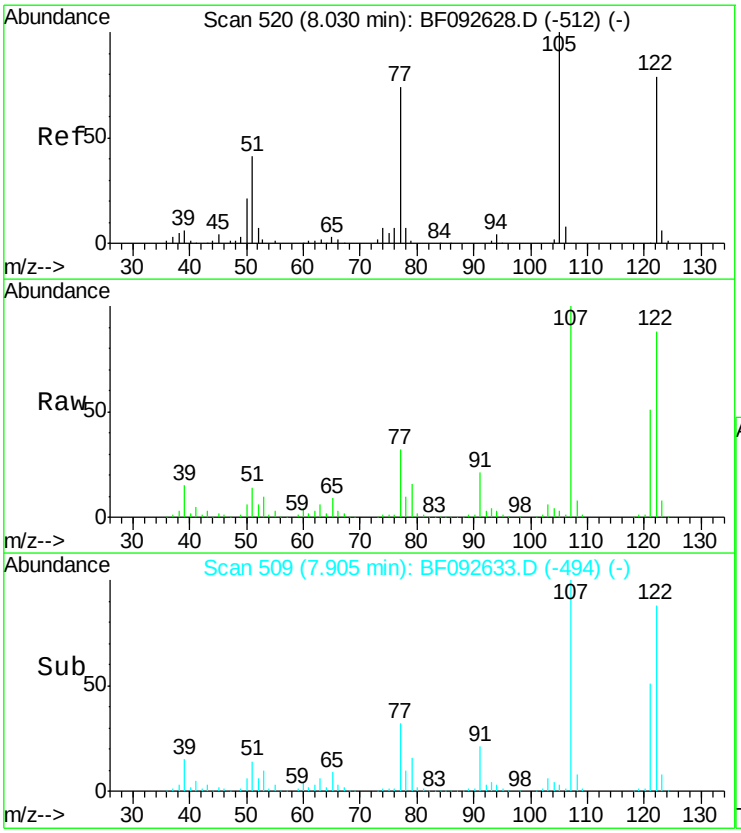
#31
Naphthalene
Concen: 2.82 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.06 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:128 Resp: 91197

Ion	Ratio	Lower	Upper
128	100		
129	7.3	9.5	14.3#
127	26.2	10.8	16.2#

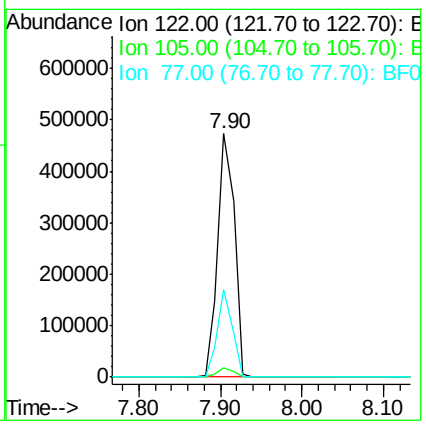


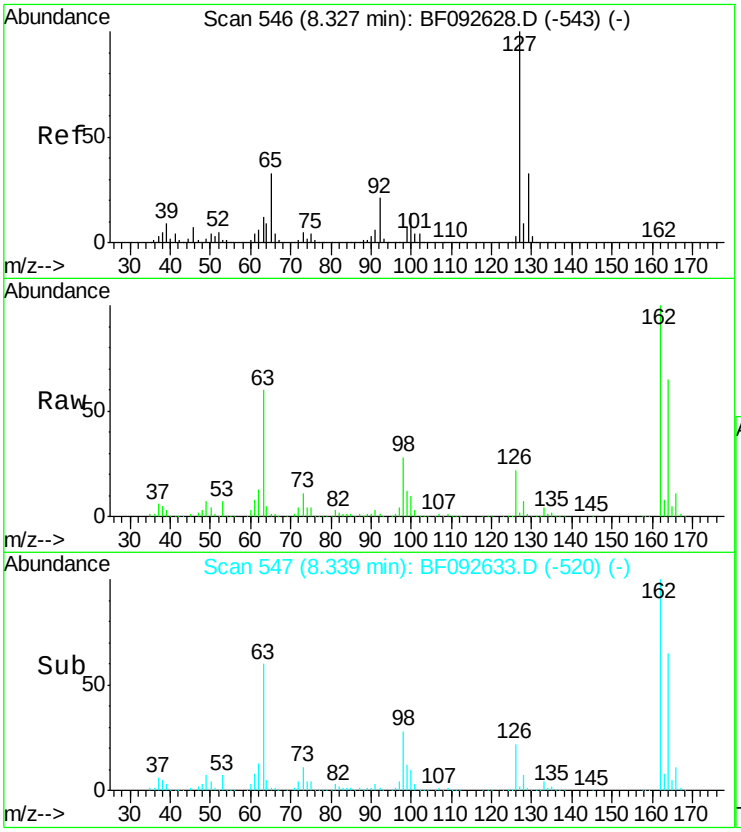


#32
Benzoic acid
Concen: 109.77 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.13 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:122 Resp: 670326

Ion	Ratio	Lower	Upper
122	100		
105	3.9	107.2	147.2#
77	36.1	74.5	114.5#



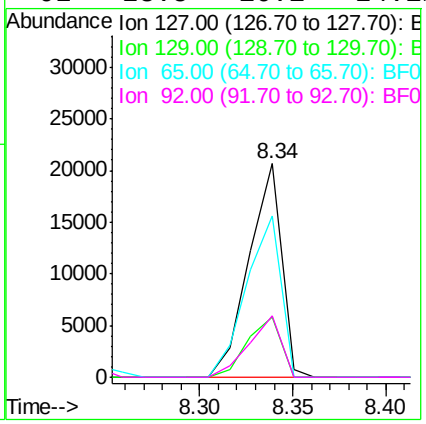


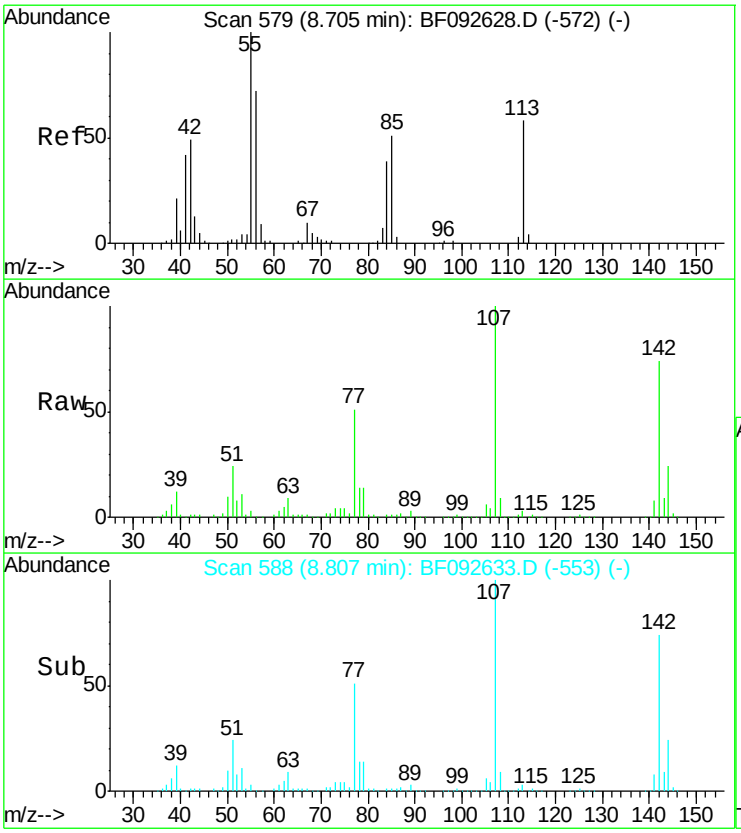
#33
4-Chloroaniline
Concen: 1.97 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:127 Resp: 24960

Ion	Ratio	Lower	Upper
127	100		
129	27.9	26.3	39.5
65	75.6	25.8	38.8#
92	28.5	16.1	24.1#

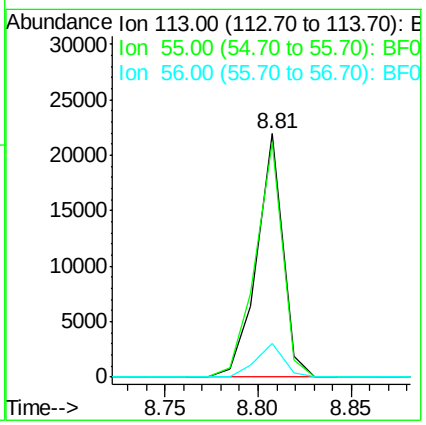


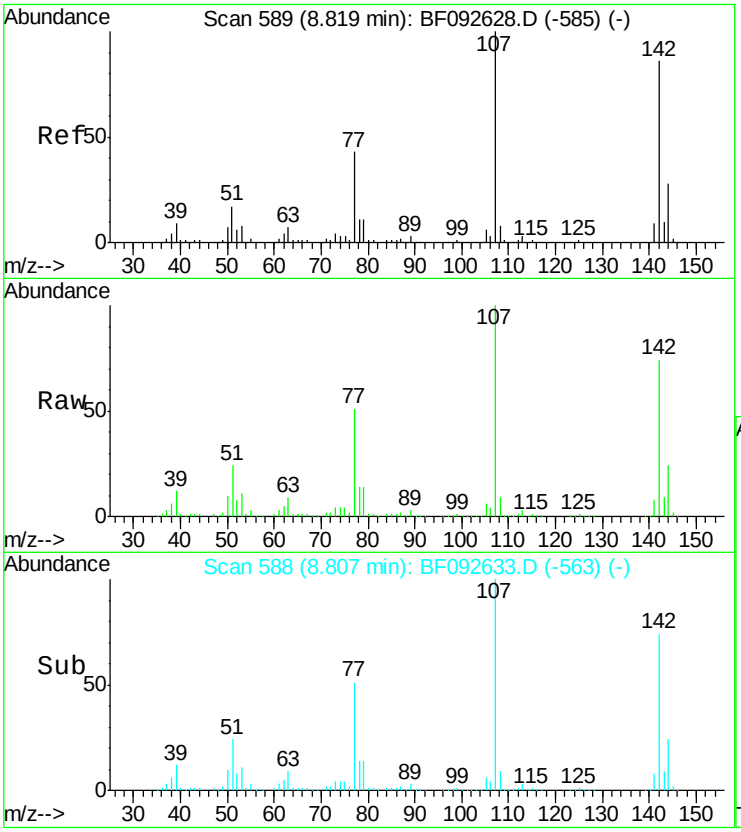


#35
Caprolactam
Concen: 7.36 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.10 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:113 Resp: 21171

Ion	Ratio	Lower	Upper
113	100		
55	96.4	119.2	159.2#
56	14.0	83.8	123.8#



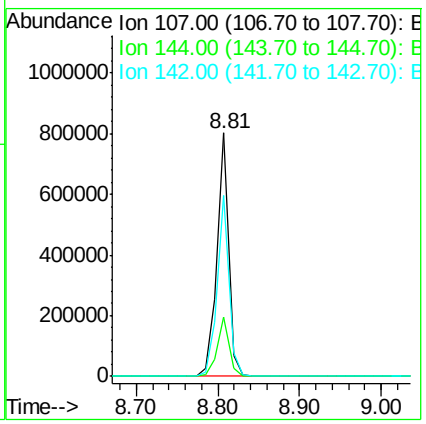


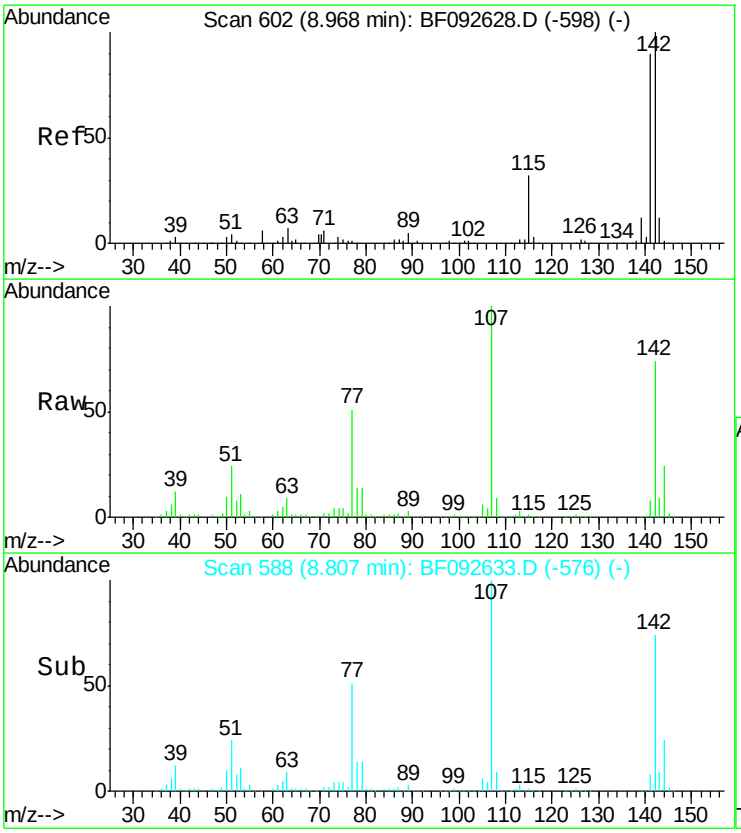
#36
4-Chloro-3-methylphenol
Concen: 83.27 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:107 Resp: 794291

Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	74.2	59.0	88.6

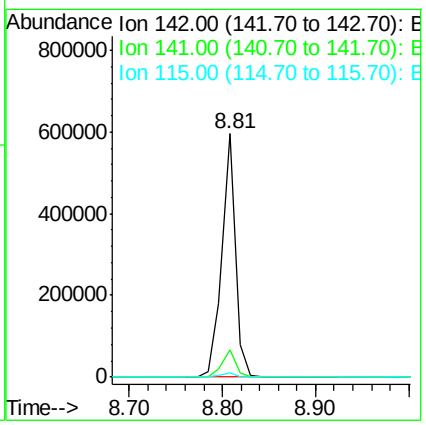


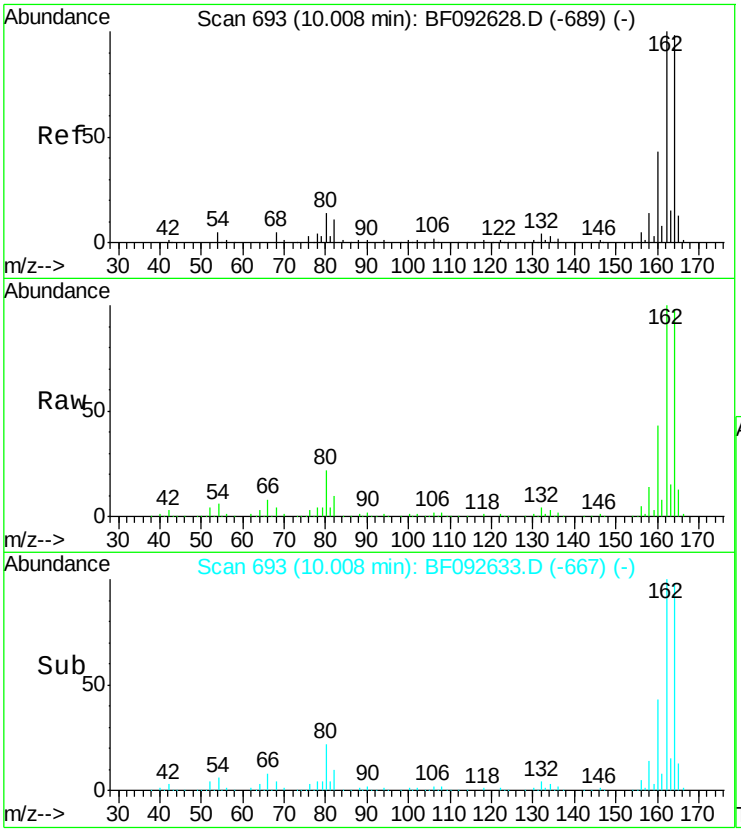


#37
2-Methylnaphthalene
Concen: 28.93 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.16 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:142 Resp: 599947

Ion	Ratio	Lower	Upper
142	100		
141	11.4	71.0	106.6#
115	1.6	28.3	42.5#



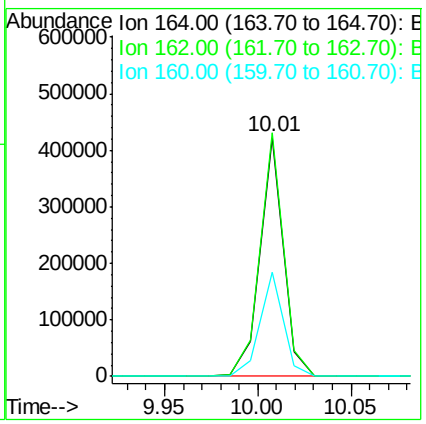


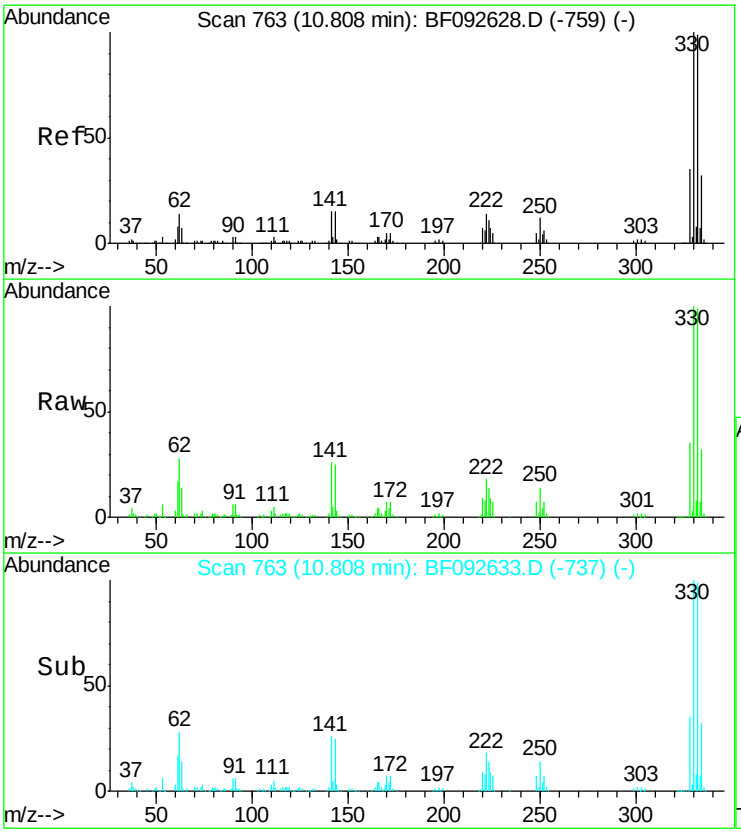
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:164 Resp: 363845

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	43.5	36.9	55.3

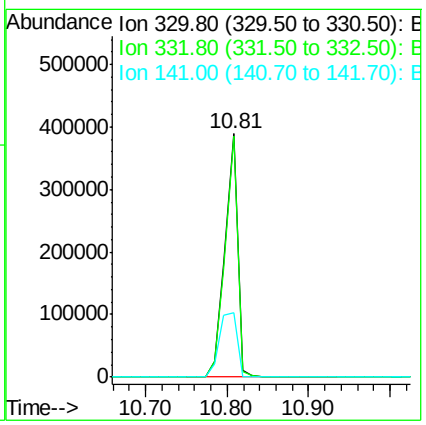


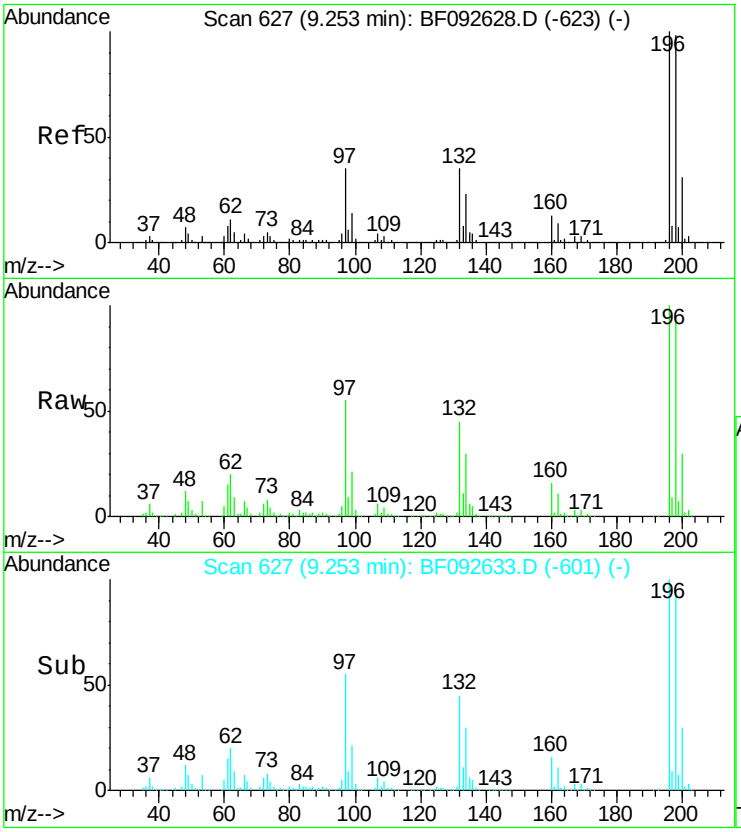


#41
2,4,6-Tribromophenol
Concen: 159.63 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:330 Resp: 420081

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	37.0	34.1	51.1



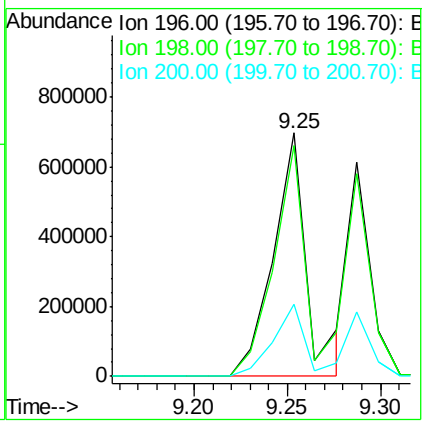


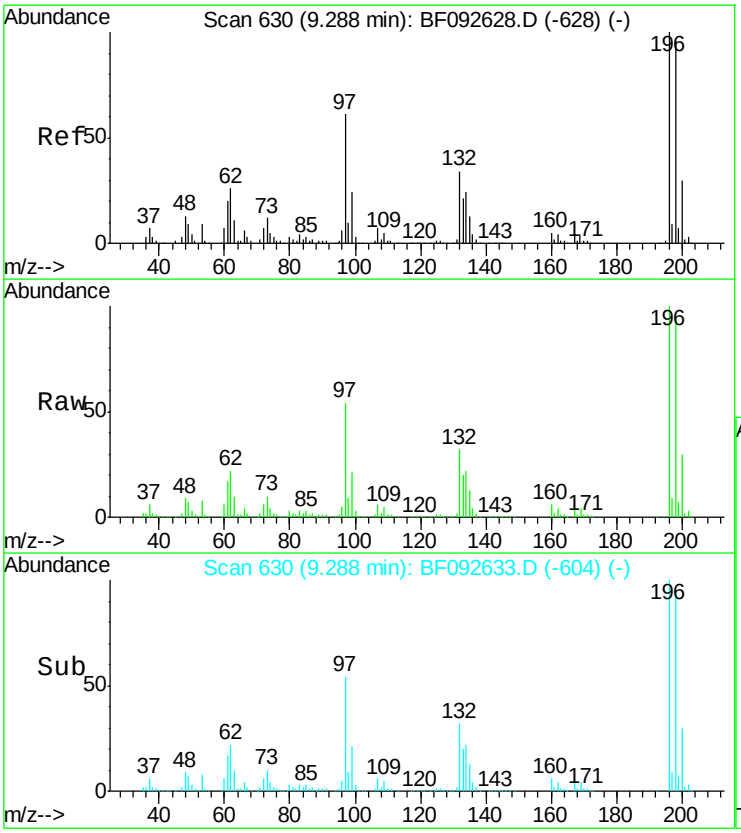
#42
2,4,6-Trichlorophenol
Concen: 130.43 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:196 Resp: 875294

Ion	Ratio	Lower	Upper
196	100		
198	95.0	82.1	123.1
200	29.8	27.0	40.4

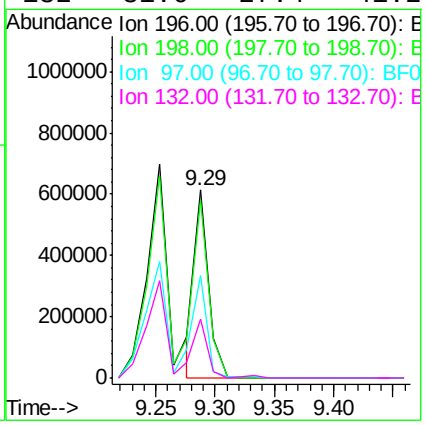


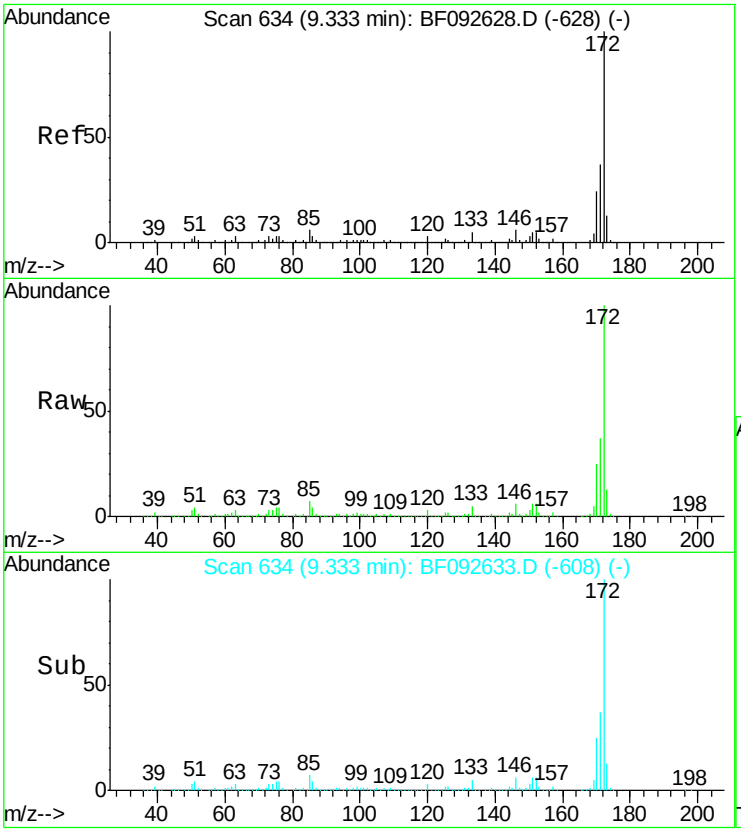


#43
2,4,5-Trichlorophenol
Concen: 69.92 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:196 Resp: 514130

Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.4	119.2
97	54.4	51.5	77.3
132	31.6	27.4	41.2



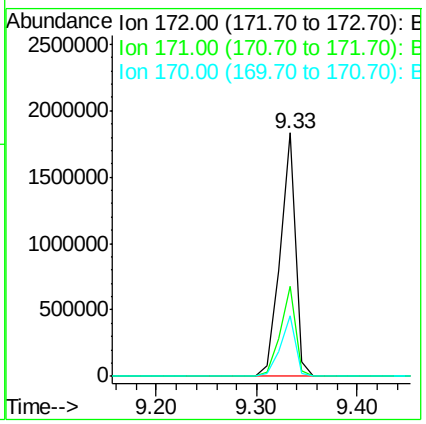


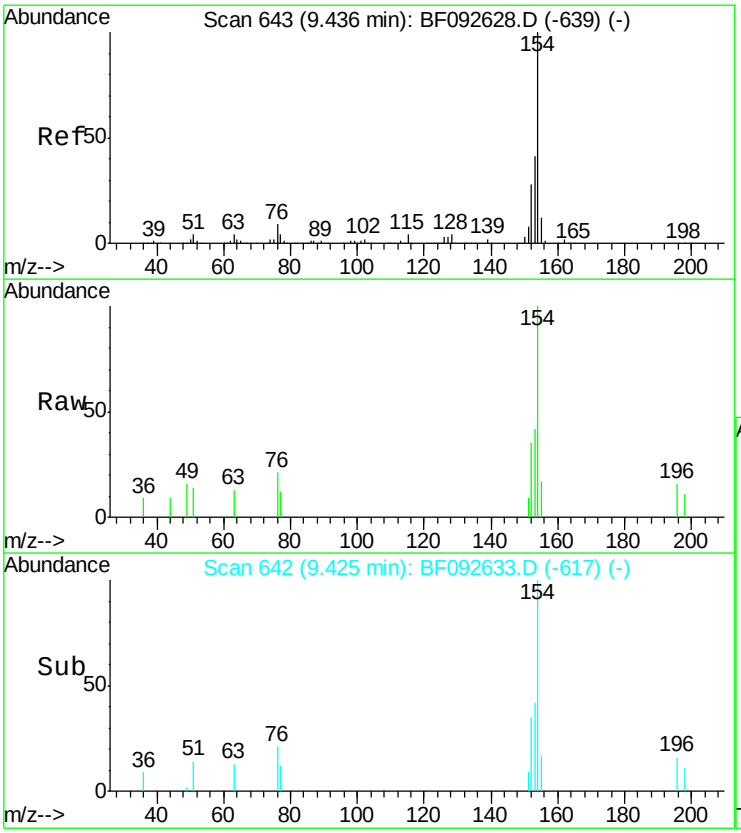
#44
2-Fluorobiphenyl
Concen: 96.39 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:172 Resp: 1935886

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4

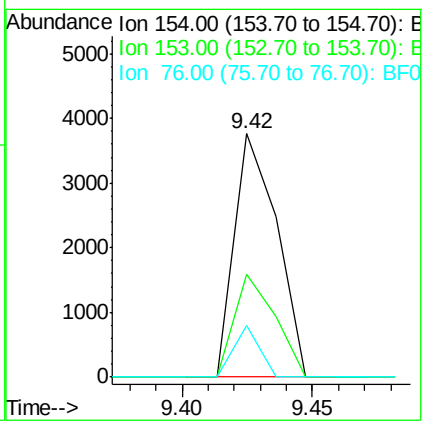


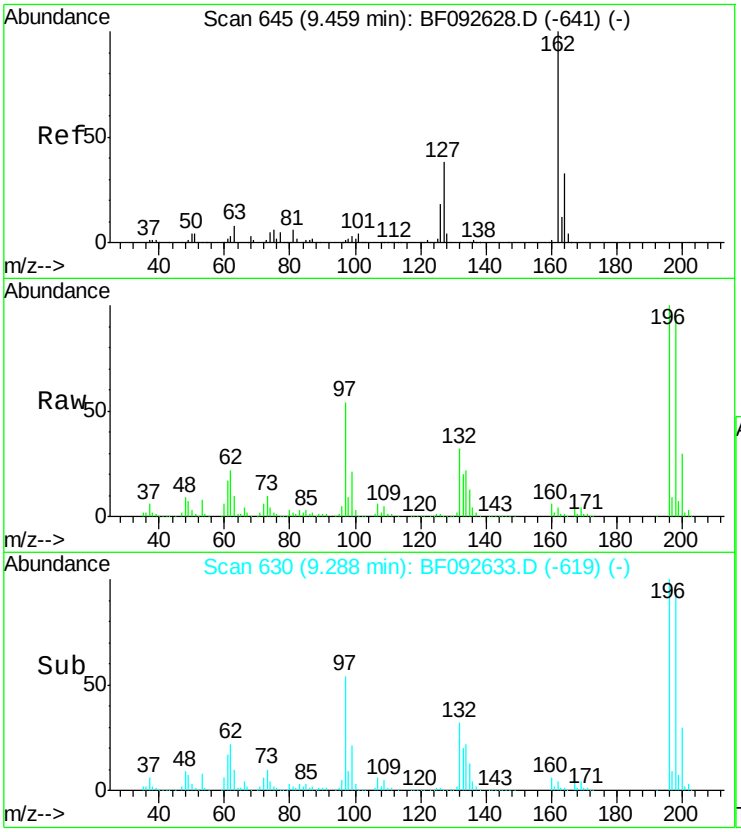


#45
1,1'-Biphenyl
Concen: 0.16 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:154 Resp: 4281

Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.9	60.9
76	21.0	0.0	30.5



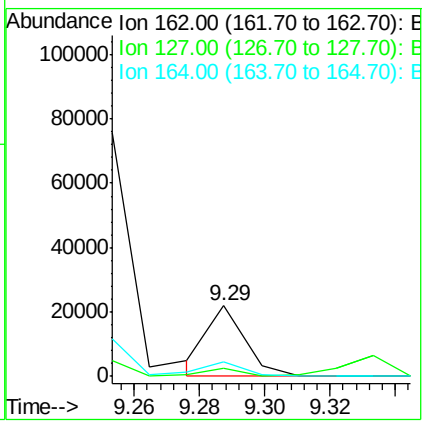


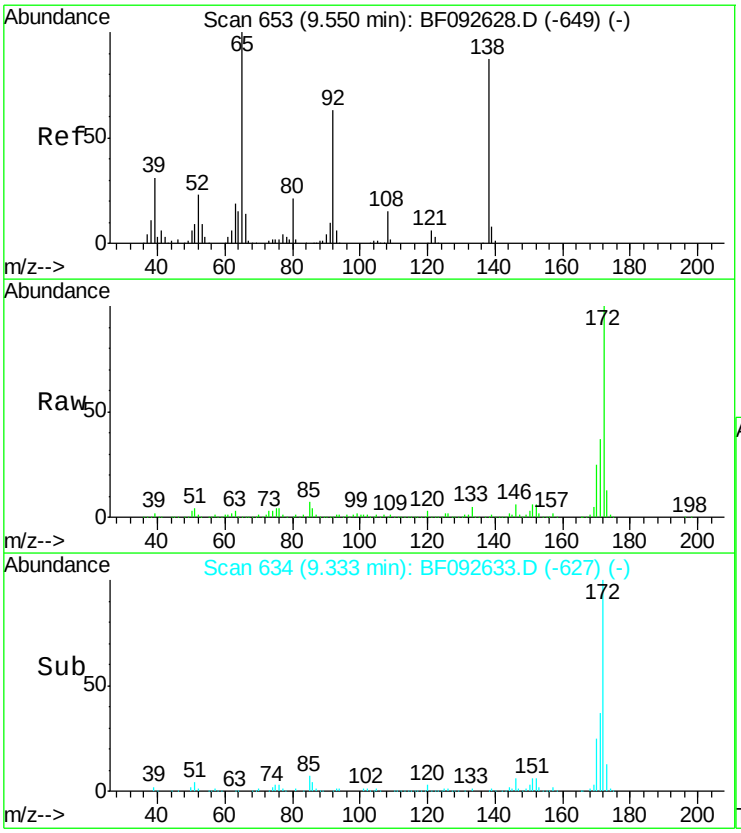
#46
2-Chloronaphthalene
Concen: 0.84 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.17 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:162 Resp: 17250

Ion	Ratio	Lower	Upper
162	100		
127	10.8	30.7	46.1#
164	20.1	27.6	41.4#

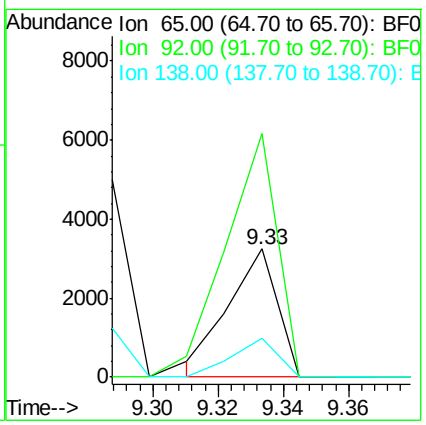


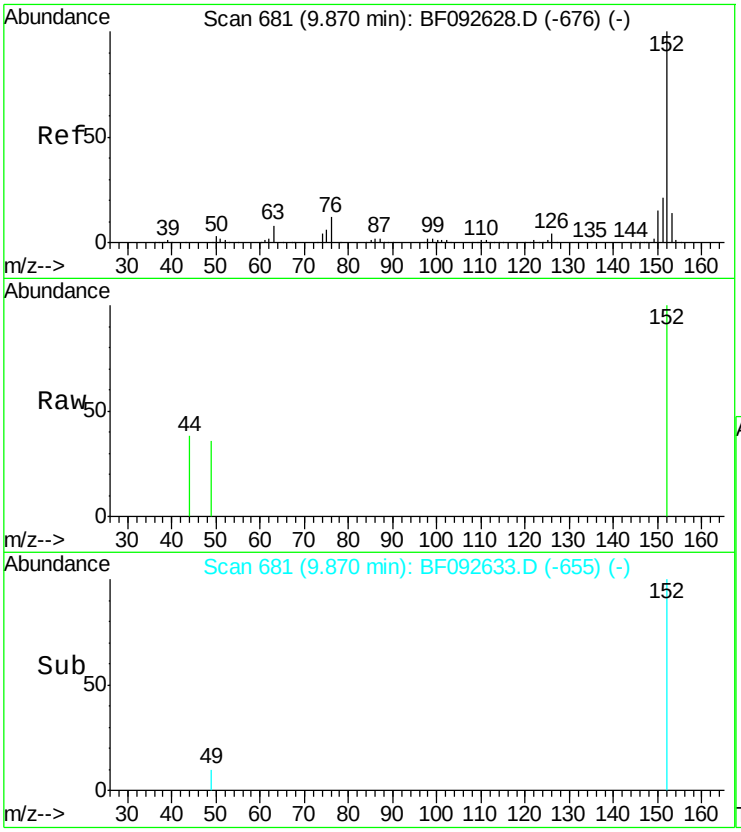


#47
2-Nitroaniline
Concen: 0.48 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.22 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 65 Resp: 3331

Ion	Ratio	Lower	Upper
65	100		
92	189.8	53.9	80.9#
138	30.3	76.8	115.2#



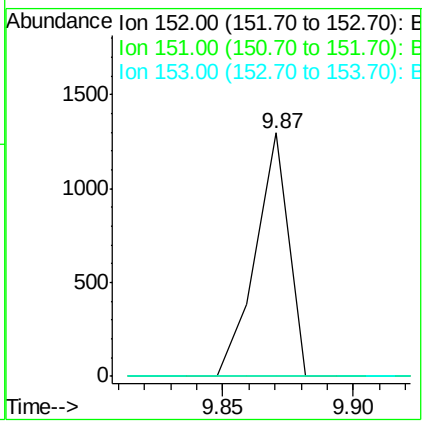


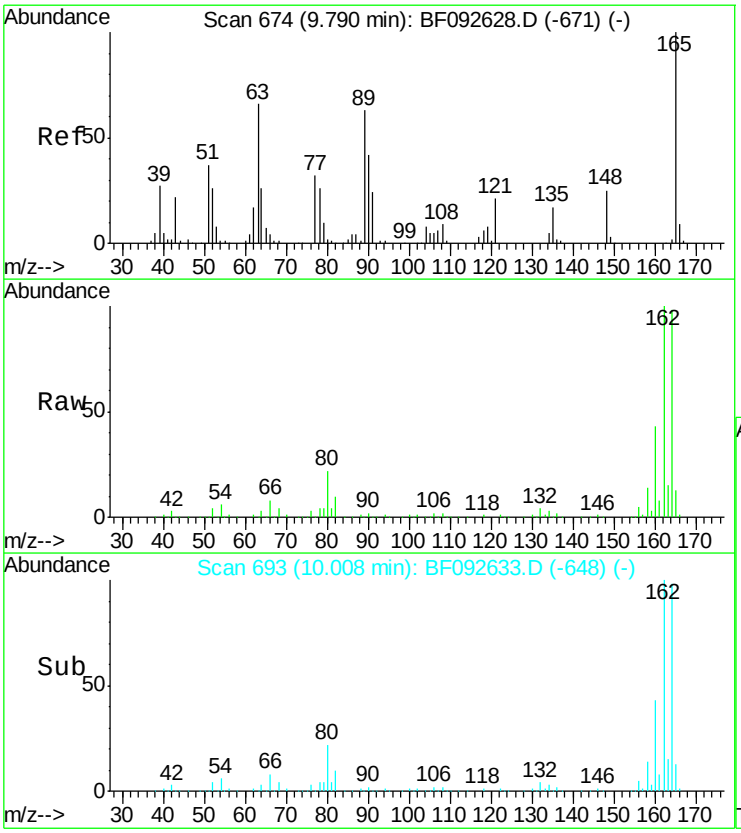
#48
Acenaphthylene
Concen: 0.03 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:152 Resp: 1153

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.9	25.3#
153	0.0	11.4	17.2#

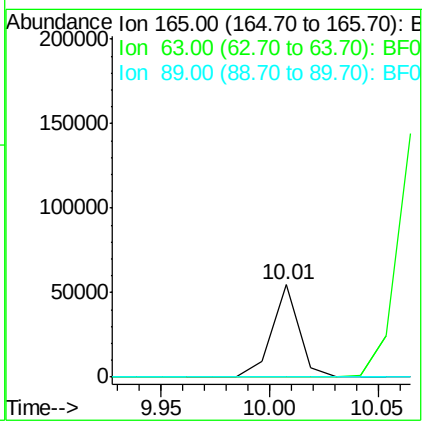


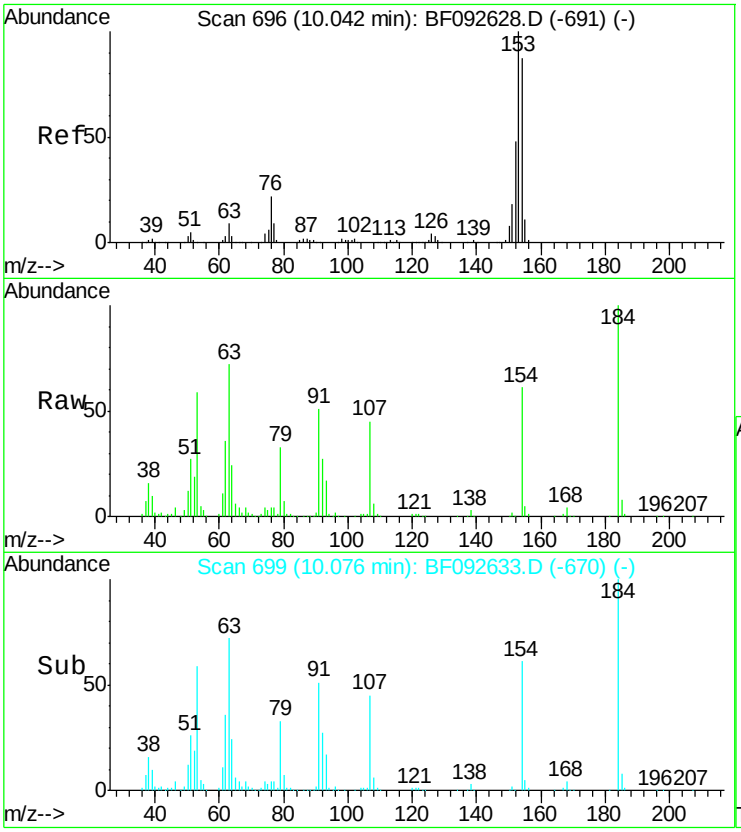


#50
2,6-Dinitrotoluene
Concen: 9.06 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.22 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:165 Resp: 47936

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	0.6	40.2	60.4#



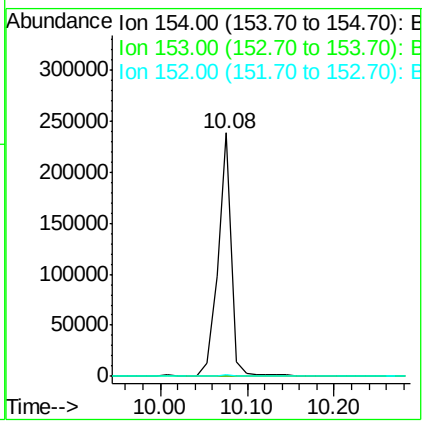


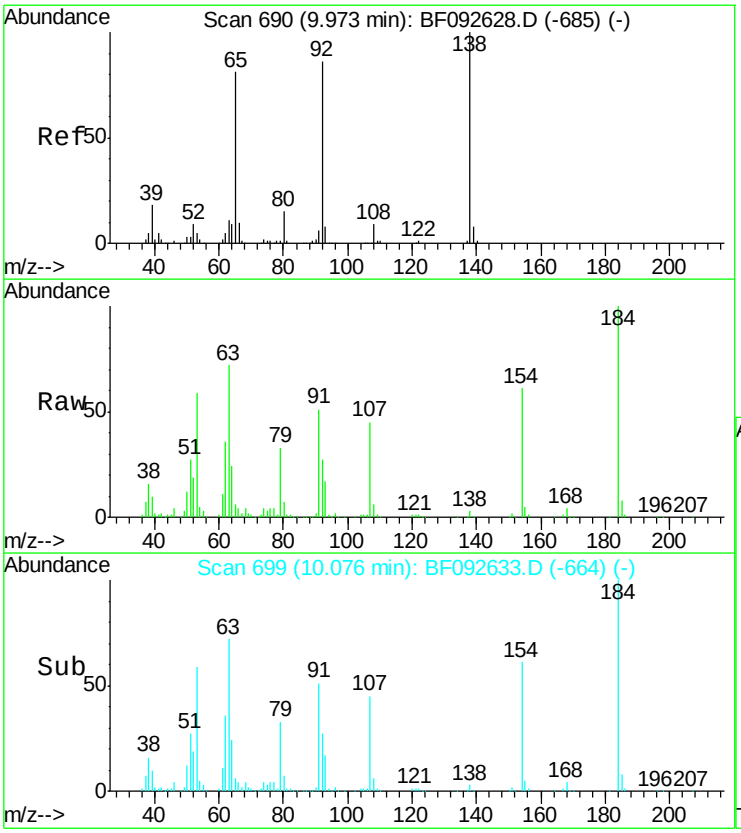
#51
Acenaphthene
Concen: 12.16 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.03 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:154 Resp: 258757

Ion	Ratio	Lower	Upper
154	100		
153	0.0	88.6	133.0#
152	0.5	41.6	62.4#

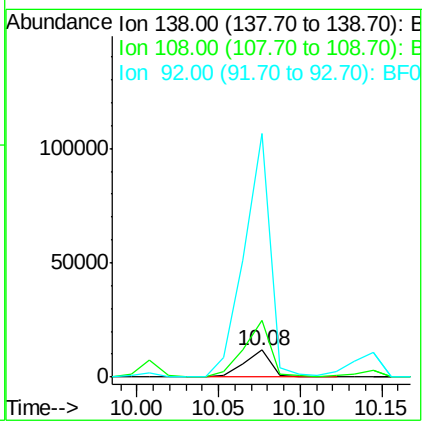


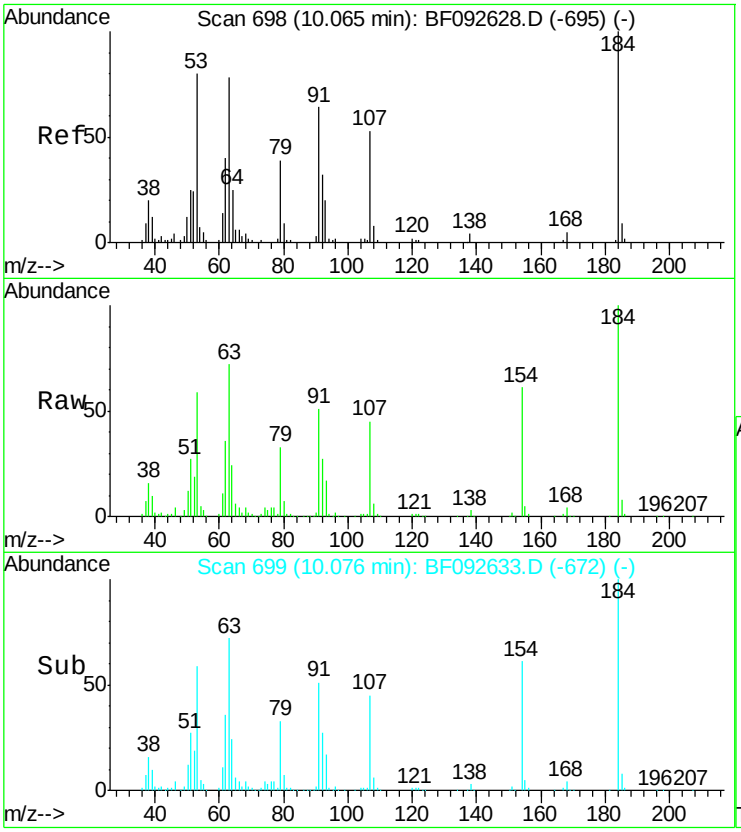


#52
3-Nitroaniline
Concen: 2.23 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.10 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:138 Resp: 13489

Ion	Ratio	Lower	Upper
138	100		
108	211.1	8.5	12.7#
92	910.4	97.8	146.8#



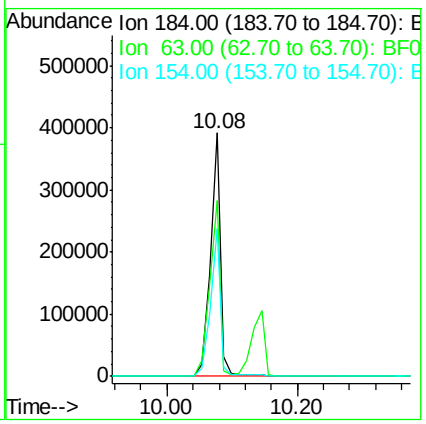


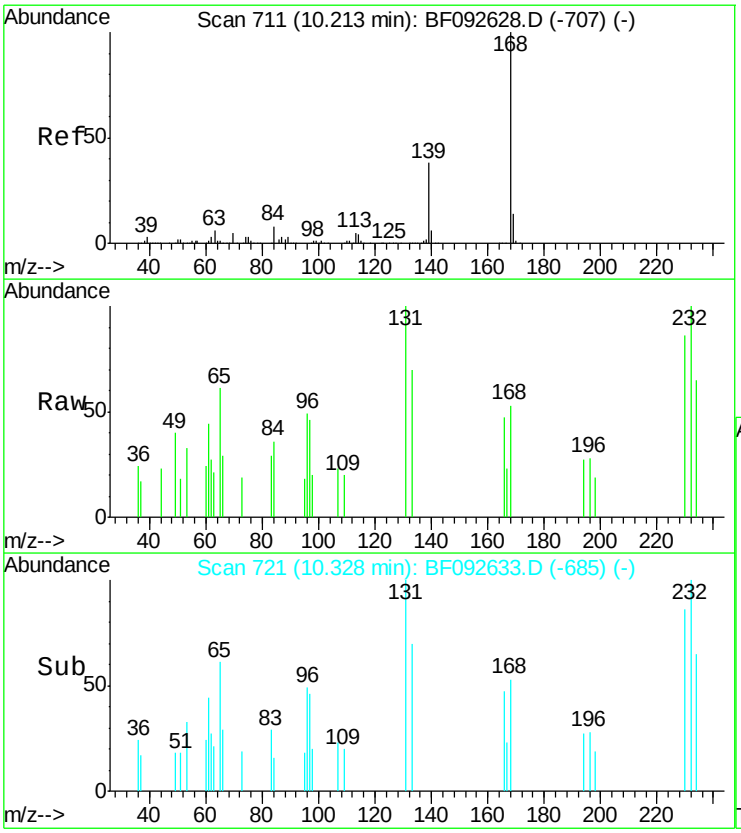
#53
2,4-Dinitrophenol
Concen: 153.72 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:184 Resp: 426361

Ion	Ratio	Lower	Upper
184	100		
63	72.3	28.4	42.6#
154	60.9	44.3	66.5

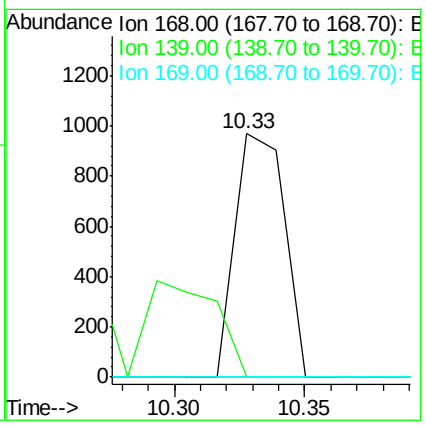


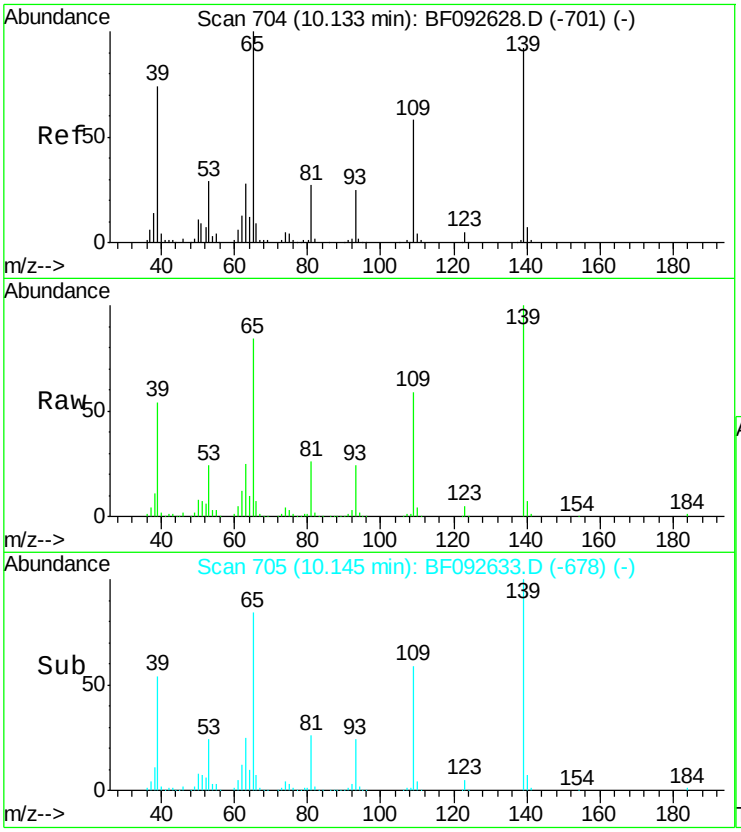


#54
Dibenzofuran
Concen: 0.05 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.11 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:168 Resp: 1285

Ion	Ratio	Lower	Upper
168	100		
139	0.0	32.6	49.0#
169	0.0	11.3	16.9#



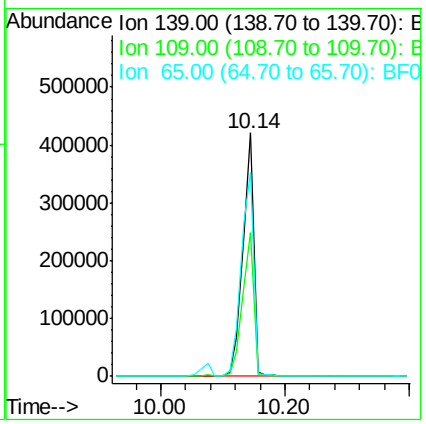


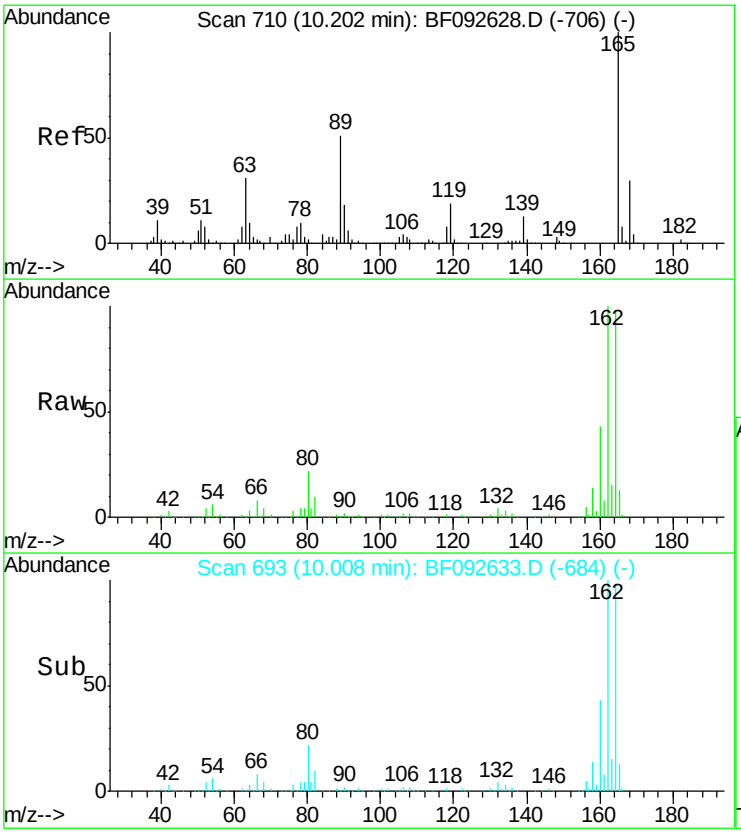
#55
4-Nitrophenol
Concen: 119.96 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:139 Resp: 523304

Ion	Ratio	Lower	Upper
139	100		
109	59.0	52.2	92.2
65	83.9	85.8	125.8#

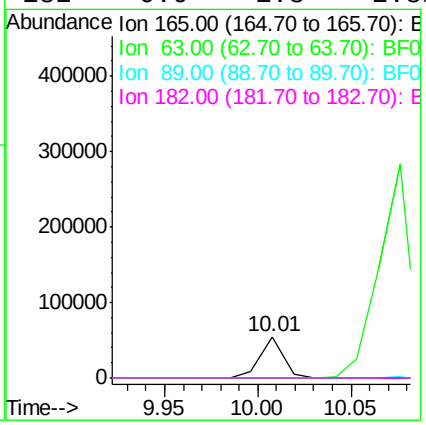


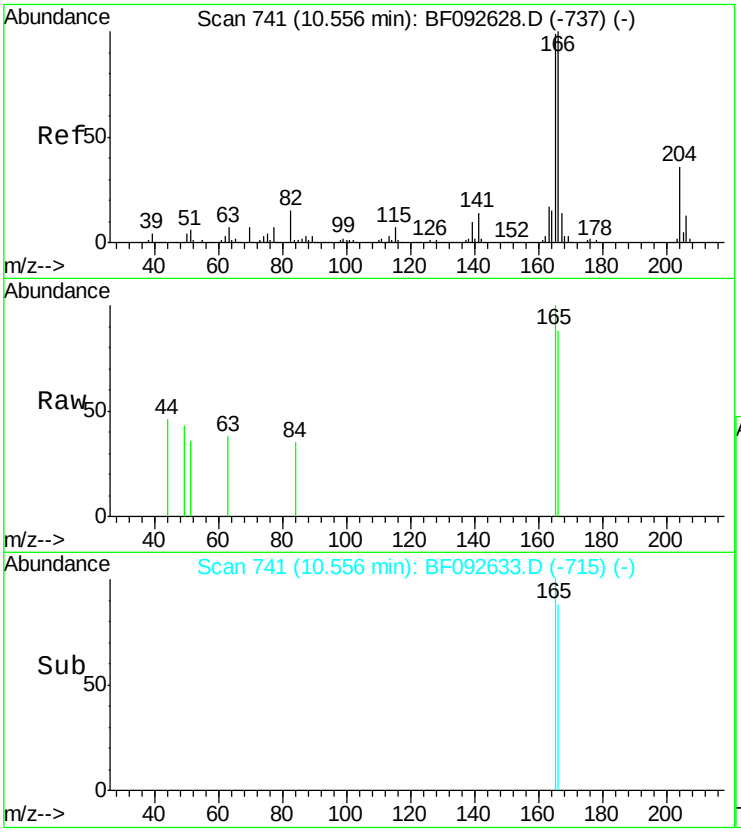


#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.19 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:165 Resp: 47937

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.6	62.5	93.7#
182	0.0	1.8	2.8#



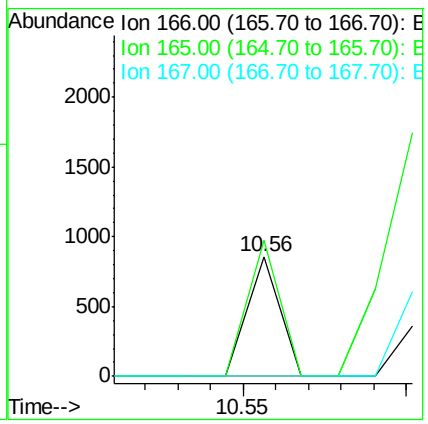


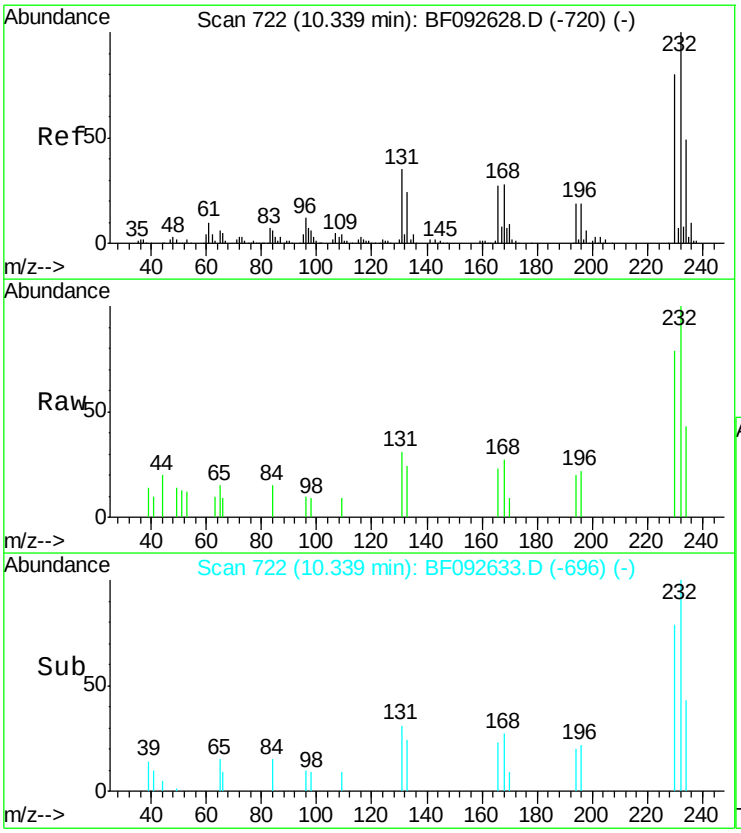
#57
Fluorene
Concen: 0.03 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:166 Resp: 588

Ion	Ratio	Lower	Upper
166	100		
165	113.5	77.8	116.8
167	0.0	10.8	16.2#

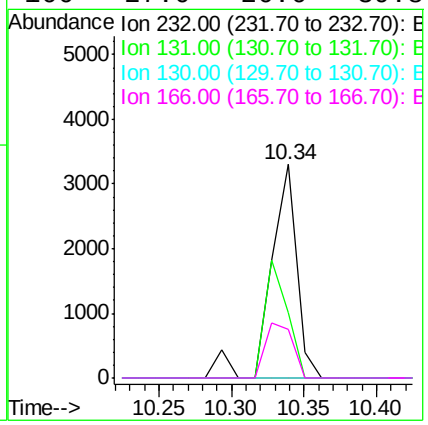


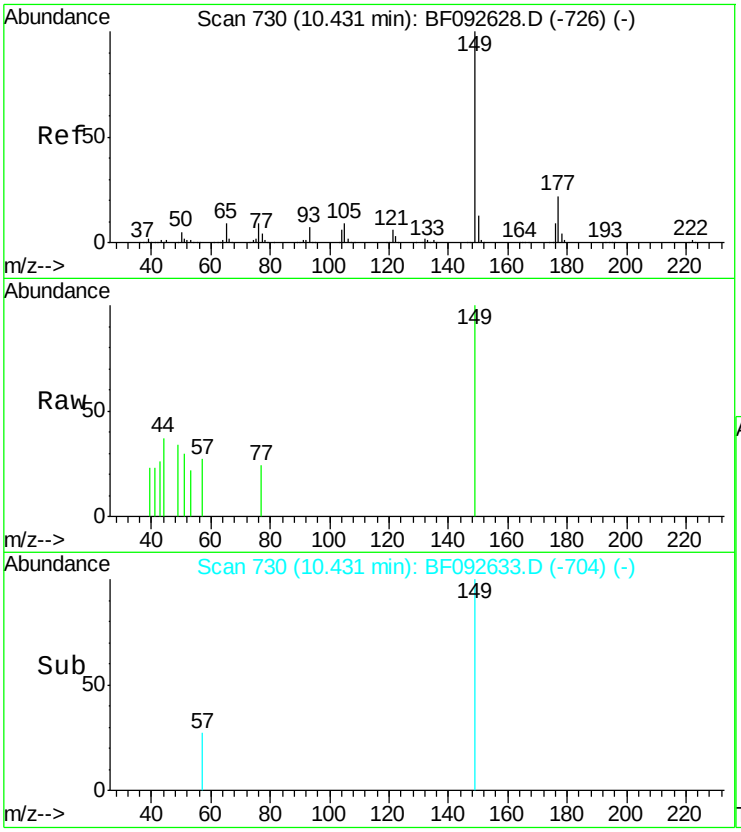


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.83 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:232 Resp: 4083

Ion	Ratio	Lower	Upper
232	100		
131	47.7	40.1	60.1
130	0.0	1.8	2.8#
166	27.0	26.6	39.8



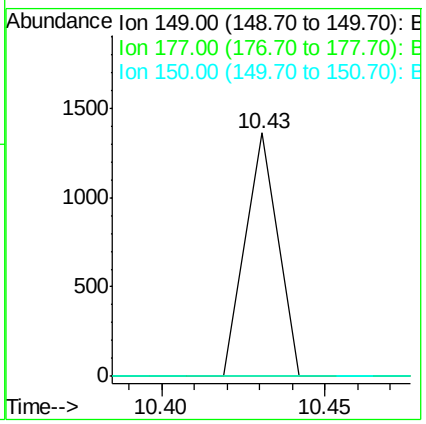


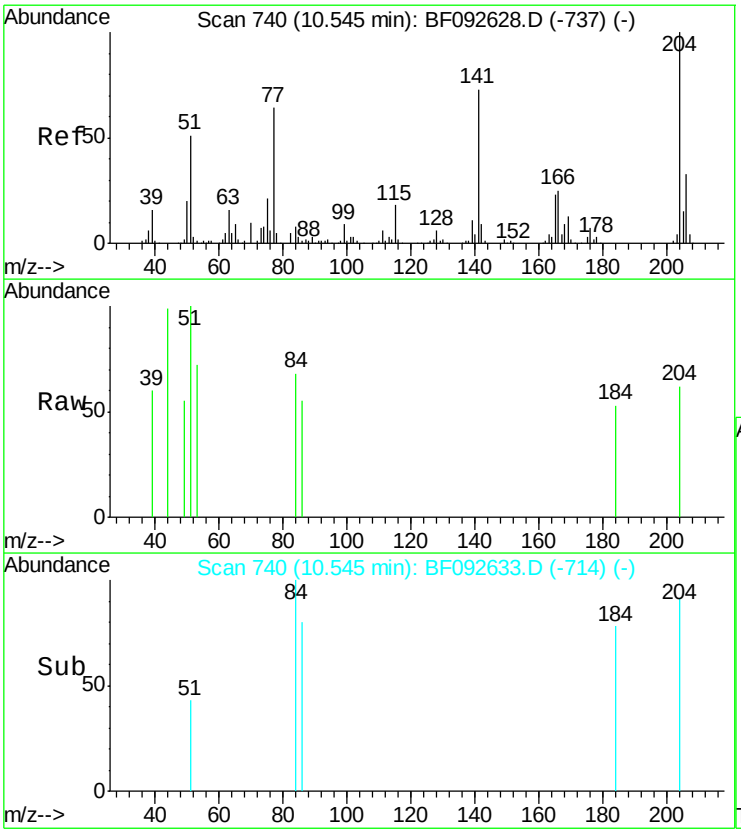
#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:149 Resp: 934

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.6	25.0#
150	0.0	10.4	15.6#

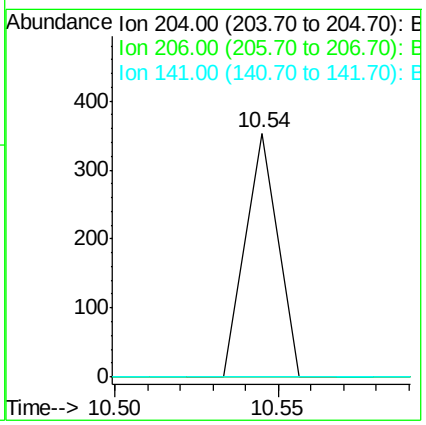


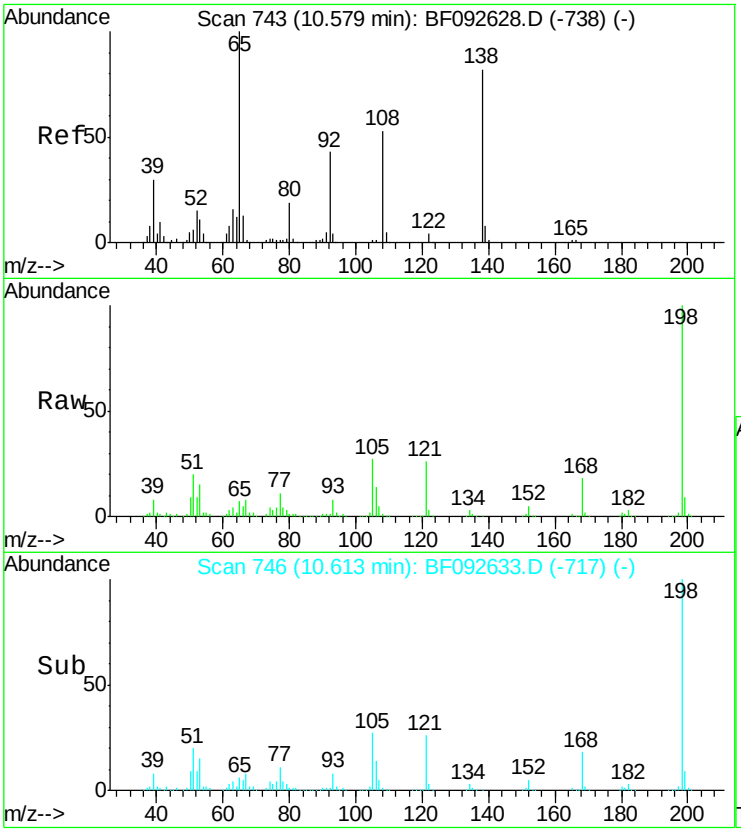


#60
4-Chlorophenyl-phenylether
Concen: 0.02 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:204 Resp: 242

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.8	38.6#
141	0.0	59.4	89.0#



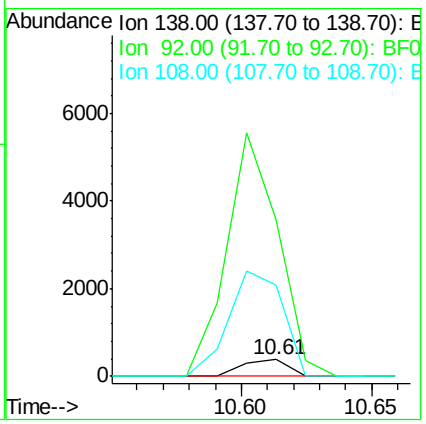


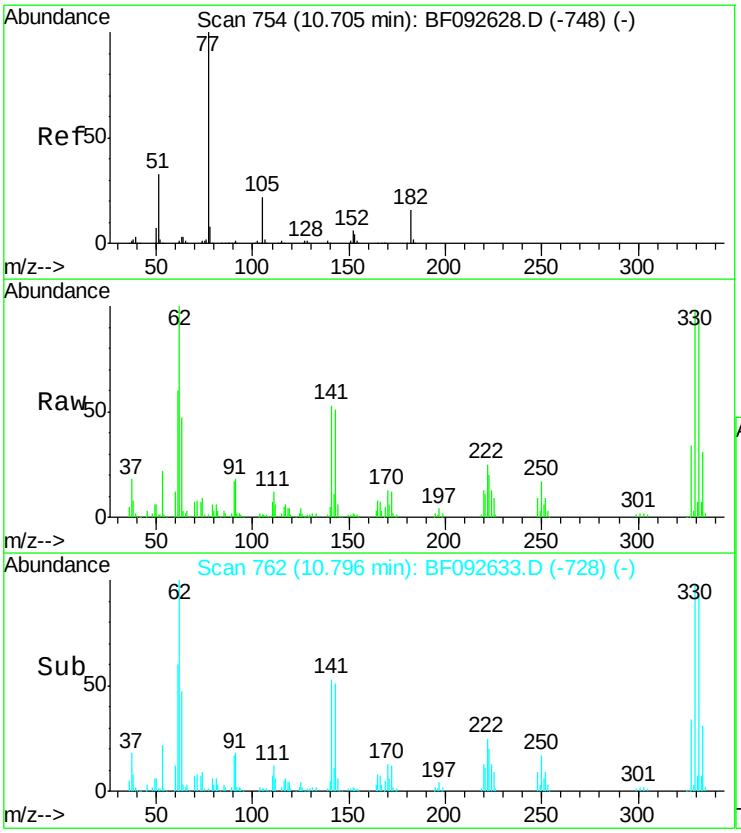
#61
4-Nitroaniline
Concen: 0.08 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.03 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:138 Resp: 468

Ion	Ratio	Lower	Upper
138	100		
92	941.8	31.7	71.7#
108	553.4	52.6	92.6#

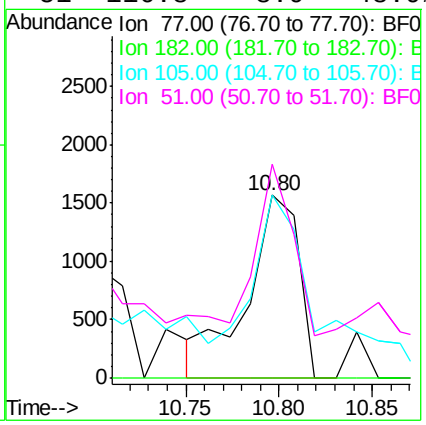


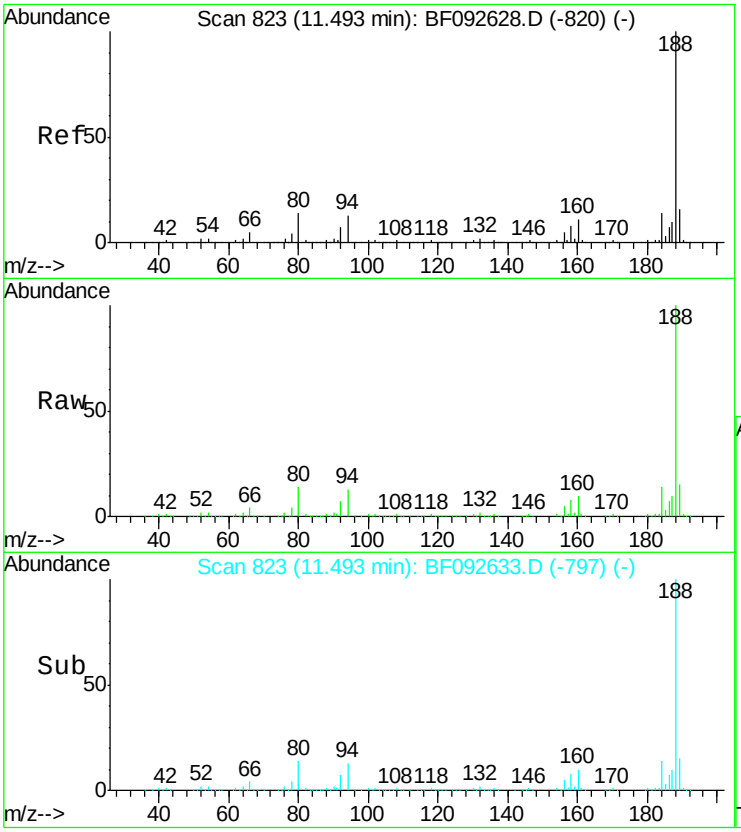


#62
Azobenzene
Concen: 0.13 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.09 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion: 77 Resp: 2995

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	39.3
105	99.9	2.3	42.3#
51	116.8	8.9	48.9#



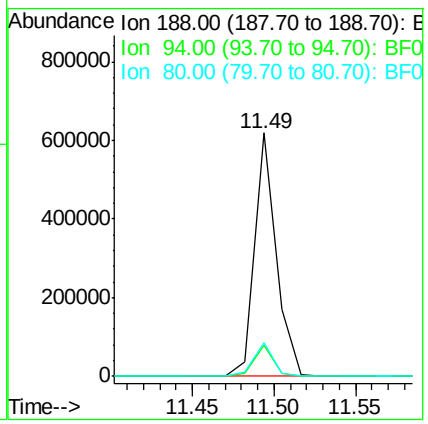


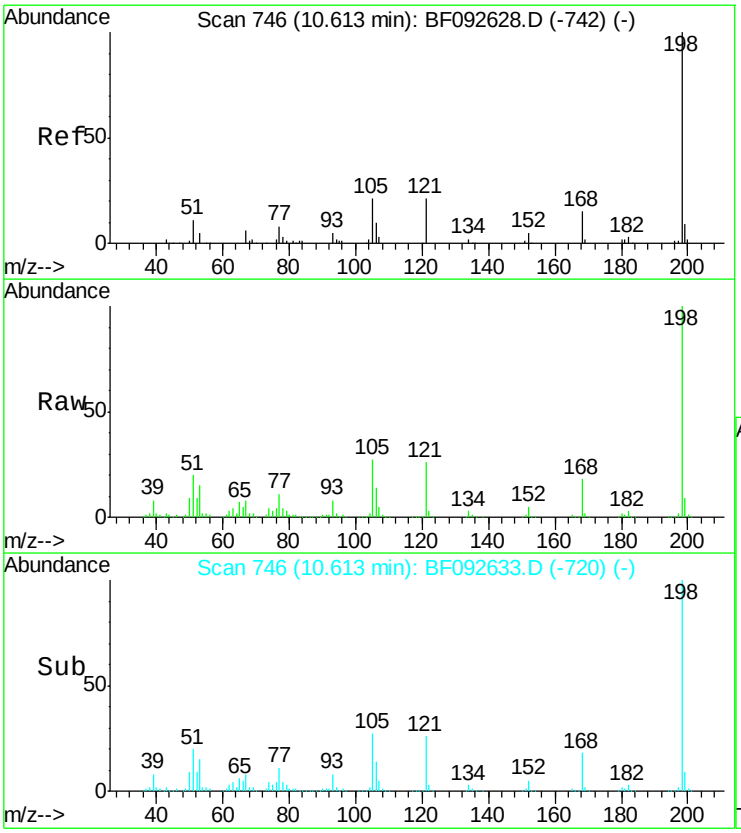
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:188 Resp: 570536

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	13.9	11.2	16.8

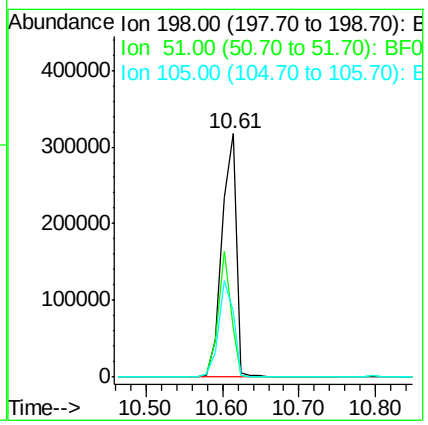


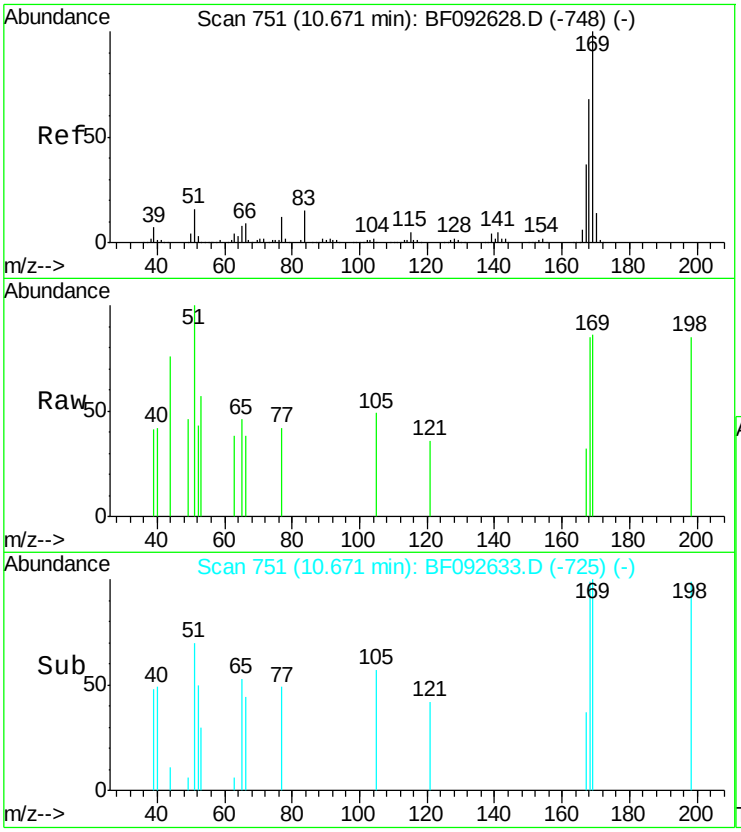


#64
4,6-Dinitro-2-methylphenol
Concen: 117.63 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:198 Resp: 422745

Ion	Ratio	Lower	Upper
198	100		
51	20.1	6.7	46.7
105	27.0	16.6	56.6



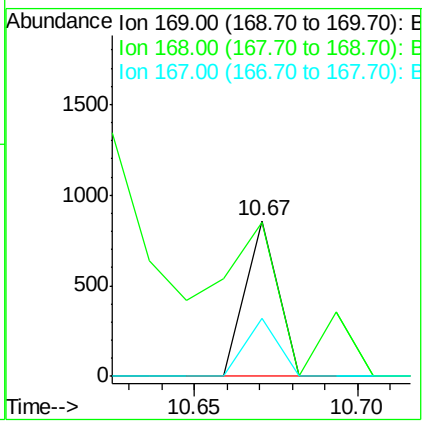


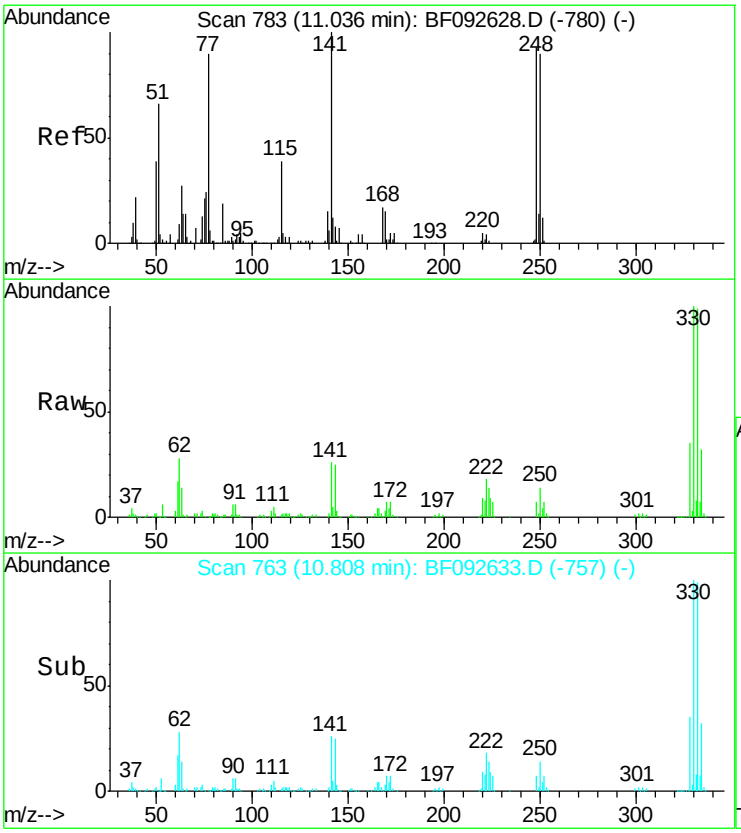
#65
n-Nitrosodiphenylamine
Concen: 0.03 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:169 Resp: 588

Ion	Ratio	Lower	Upper
169	100		
168	99.2	54.2	81.2#
167	37.1	30.2	45.4

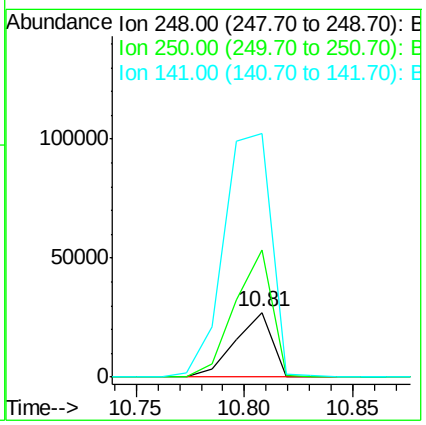


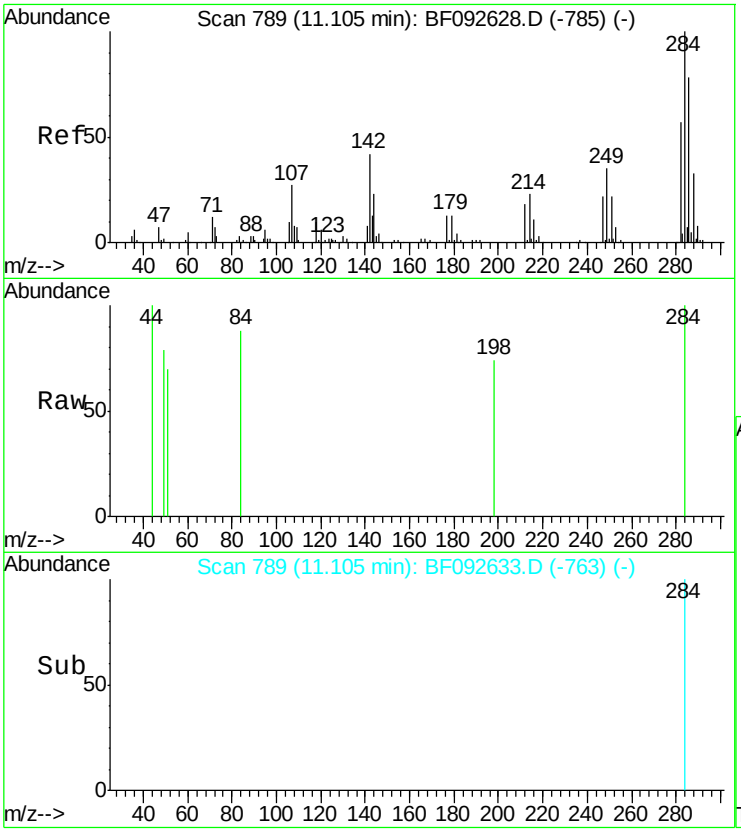


#66
4-Bromophenyl-phenylether
Concen: 5.39 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.23 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:248 Resp: 32138

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	377.1	68.2	102.4#



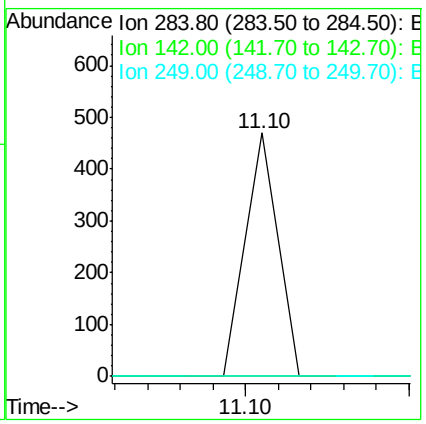


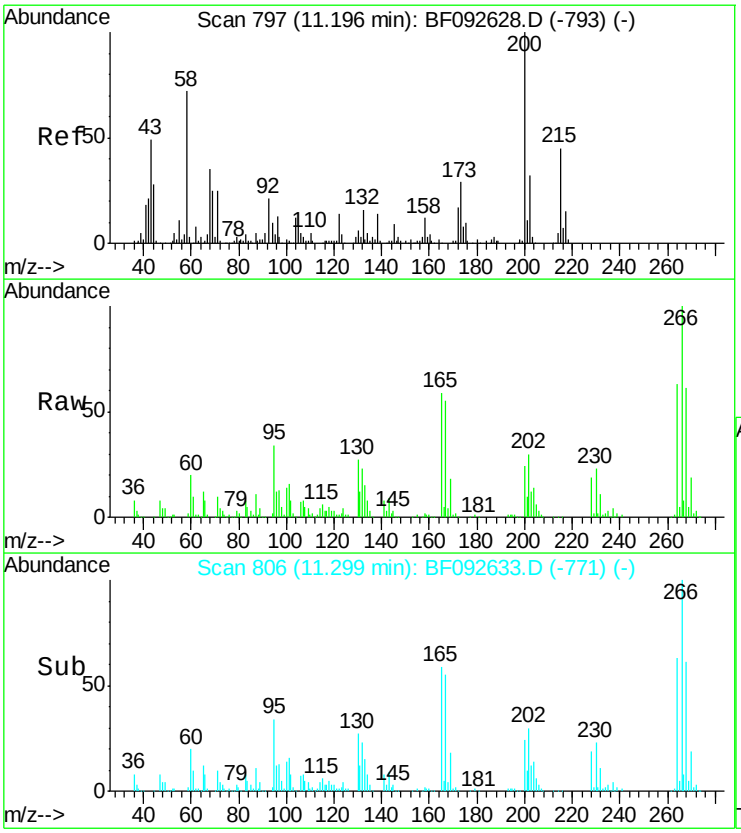
#67
Hexachlorobenzene
Concen: 0.05 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:284 Resp: 322

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.6	33.8#
249	0.0	25.4	38.0#

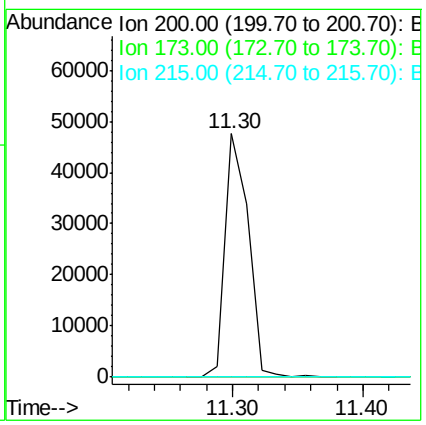


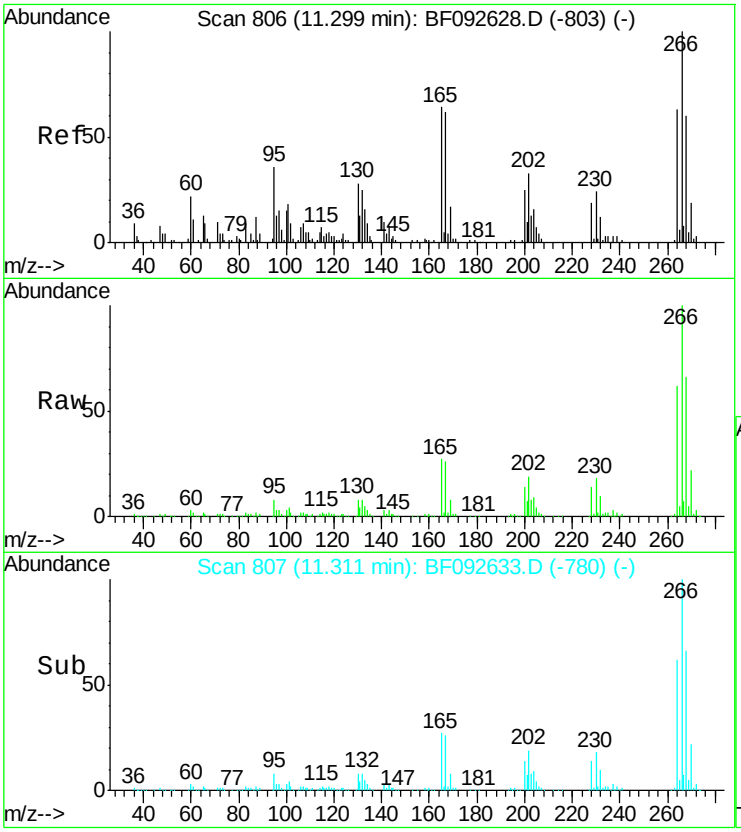


#68
Atrazine
Concen: 10.09 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.10 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:200 Resp: 59007

Ion	Ratio	Lower	Upper
200	100		
173	0.0	9.6	49.6#
215	0.0	25.7	65.7#



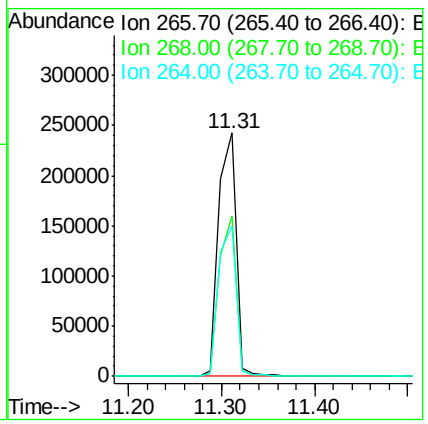


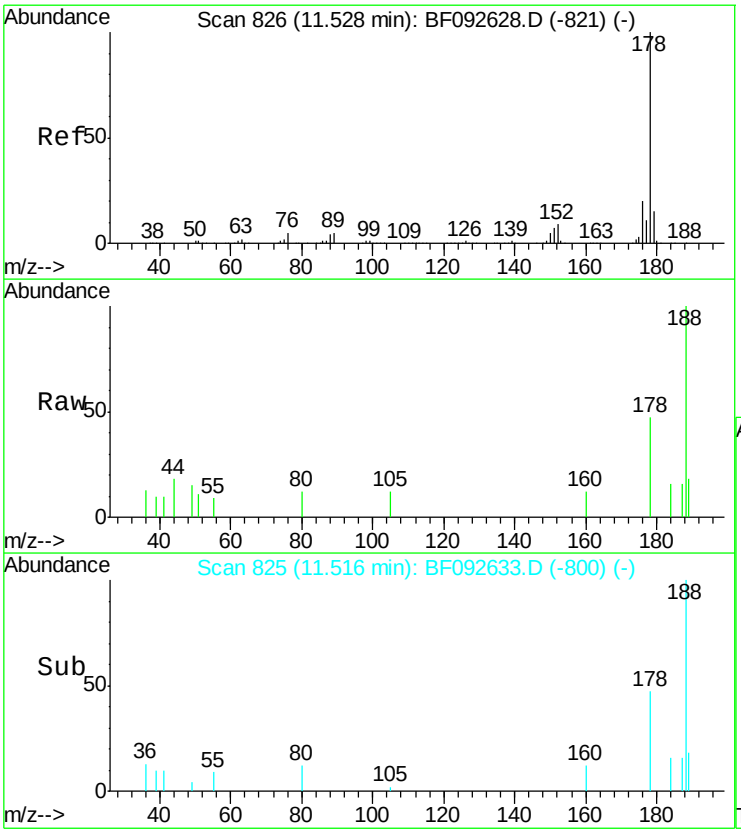
#69
Pentachlorophenol
Concen: 102.44 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument : BNA_F
ClientSampleId : 0035

Tgt Ion:266 Resp: 318248

Ion	Ratio	Lower	Upper
266	100		
268	66.1	53.3	79.9
264	61.8	50.3	75.5

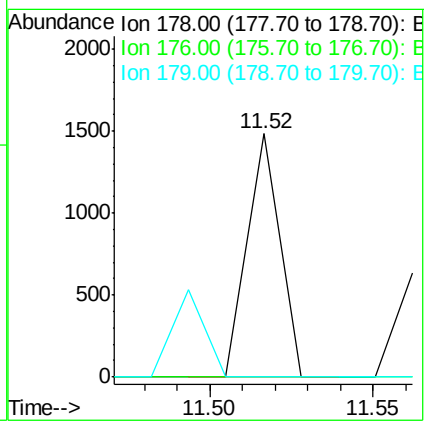


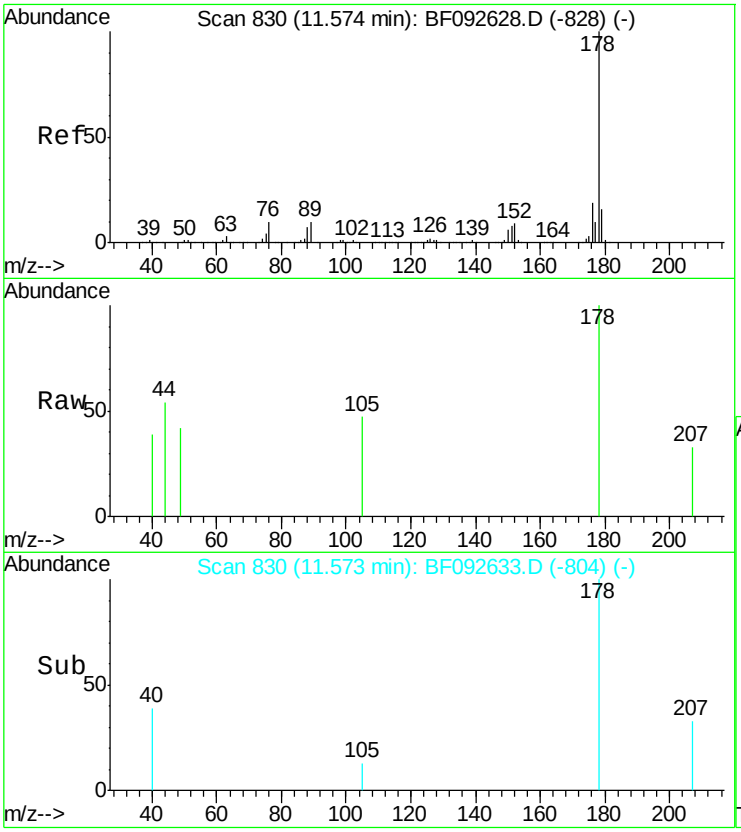


#70
Phenanthrene
Concen: 0.03 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:178 Resp: 1018

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.6	25.0#
179	0.0	12.8	19.2#



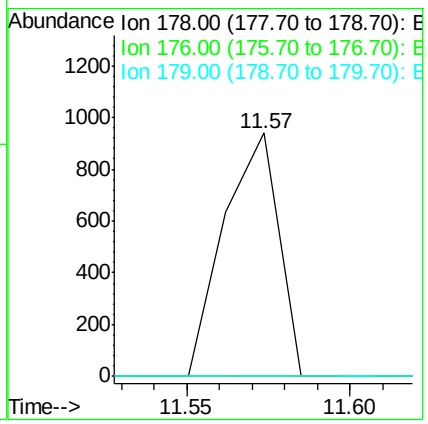


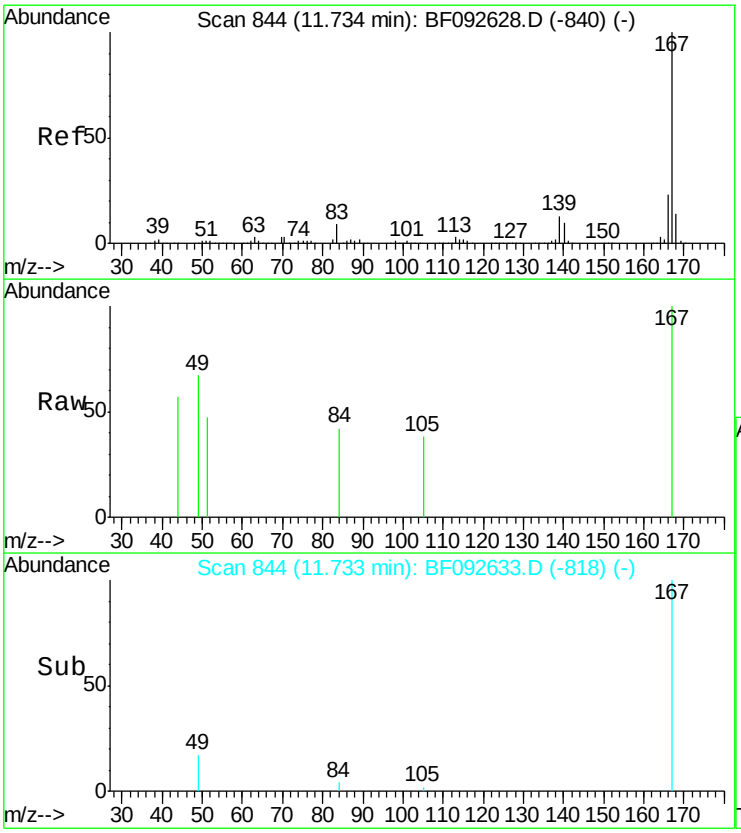
#71
Anthracene
Concen: 0.03 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:178 Resp: 1081

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	13.2	19.8#

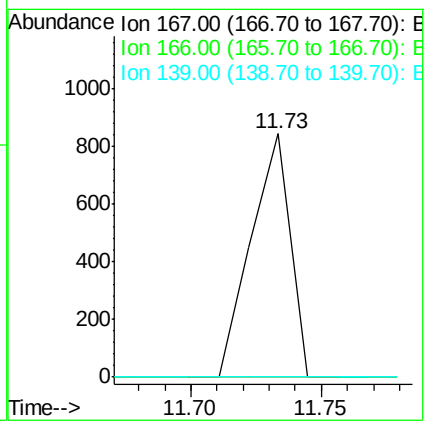


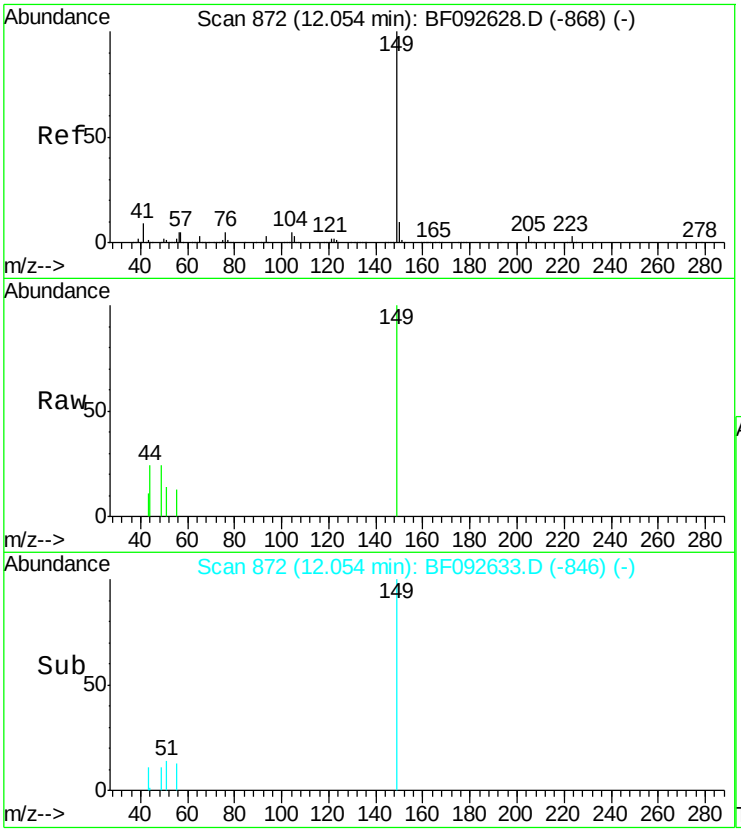


#72
Carbazole
Concen: 0.03 ng
RT: 11.73 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:167 Resp: 888

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.2#
139	0.0	11.4	17.2#



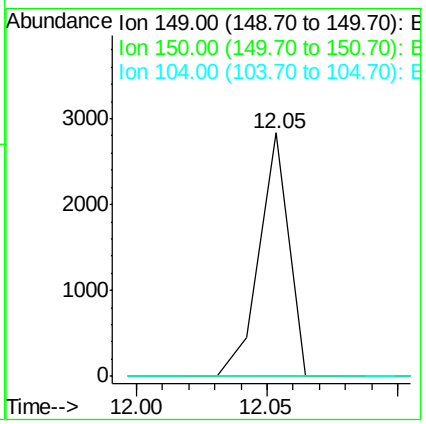


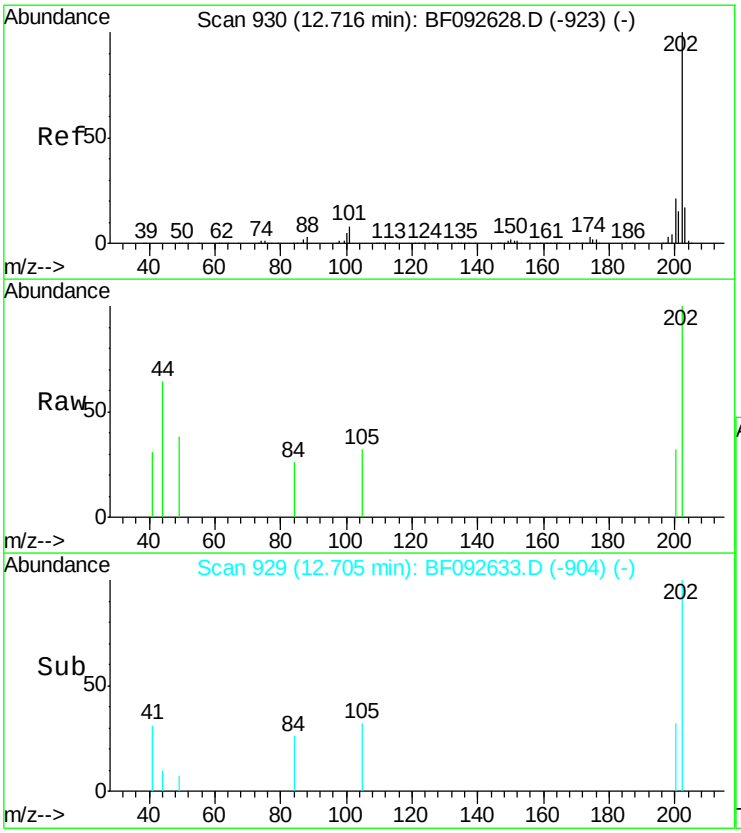
#73
Di-n-butylphthalate
Concen: 0.07 ng
RT: 12.05 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:149 Resp: 2249

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.1	12.1#
104	0.0	4.6	7.0#

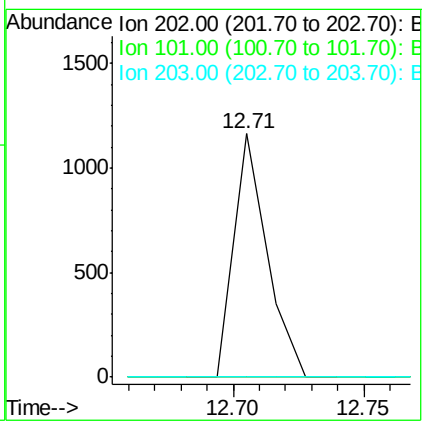


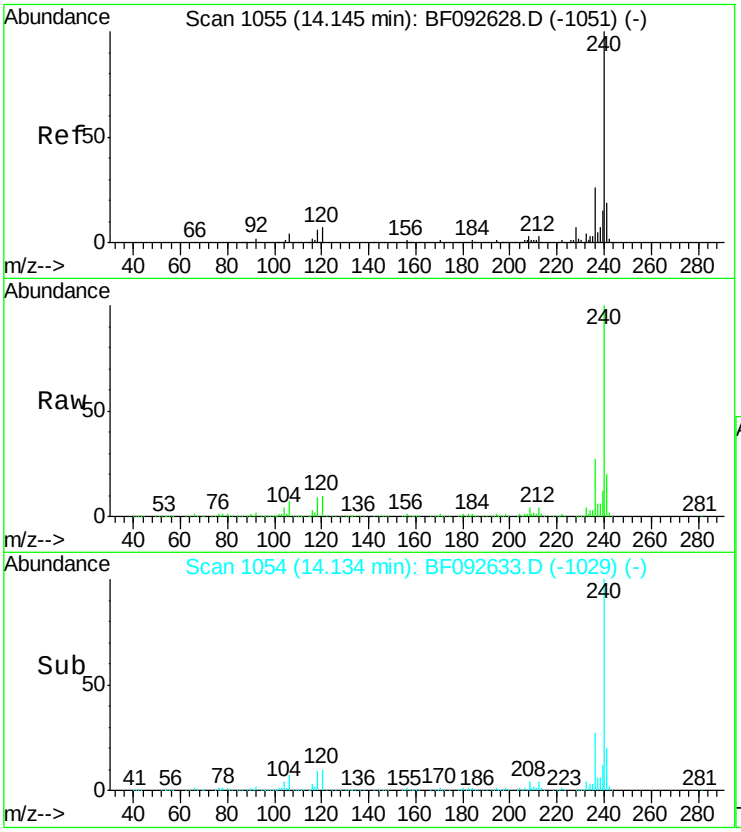


#74
Fluoranthene
Concen: 0.03 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:202 Resp: 1038

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7



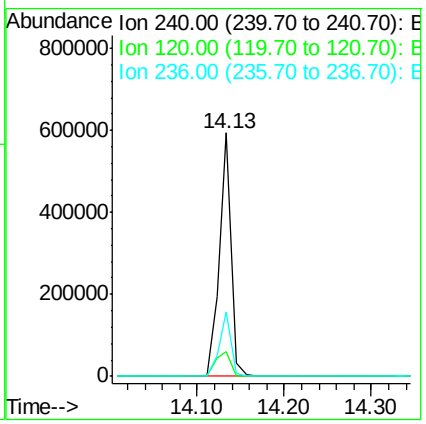


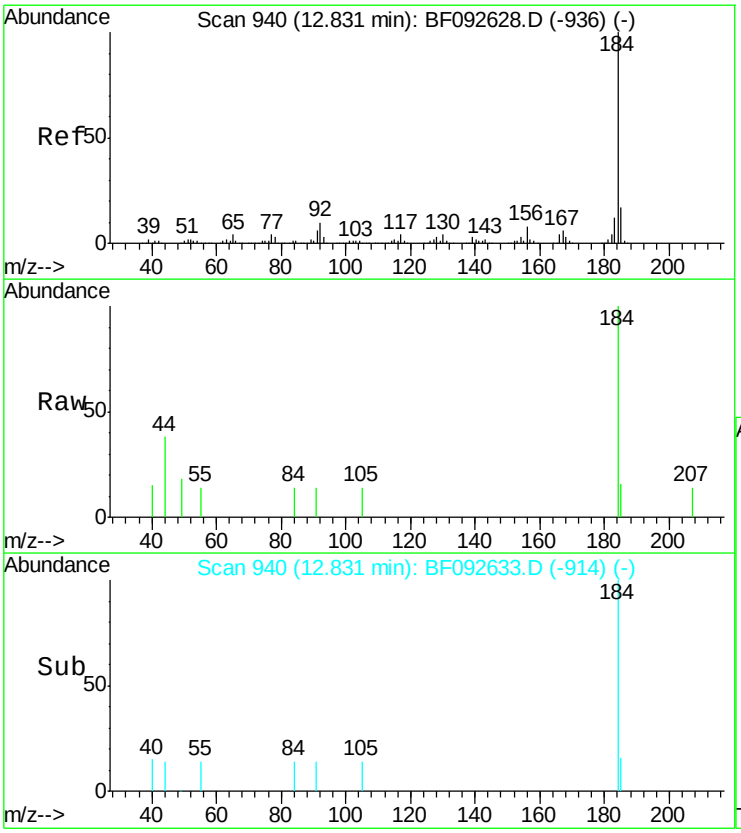
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:240 Resp: 571215

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.9	19.3#
236	26.5	20.9	31.3

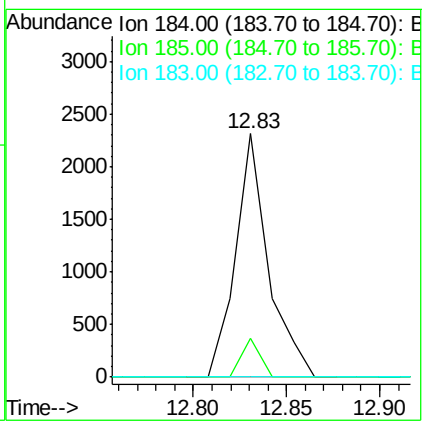


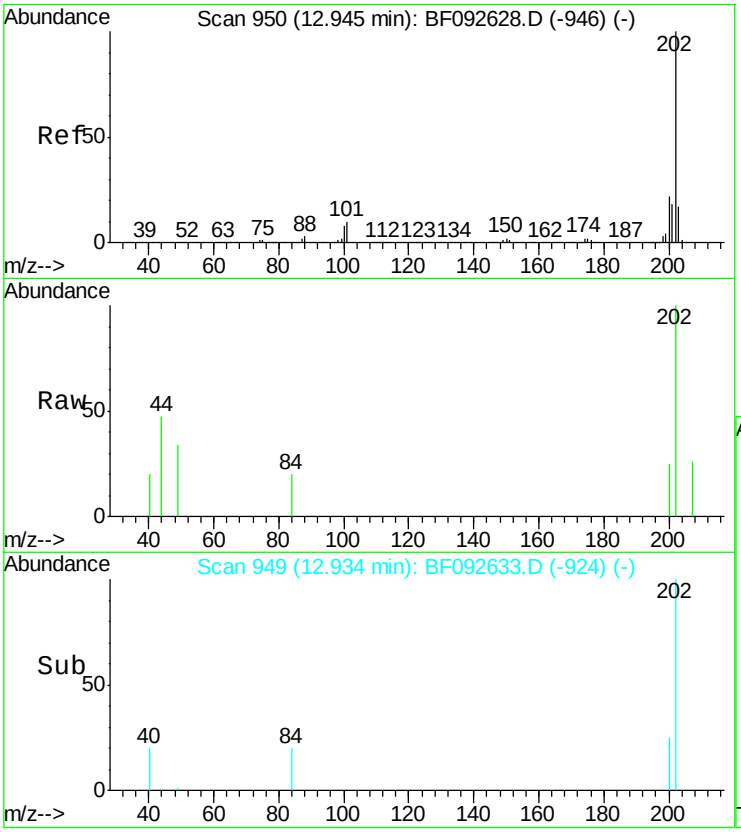


#76
Benzidine
Concen: 0.12 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:184 Resp: 2839

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.4	20.0
183	0.0	9.2	13.8#



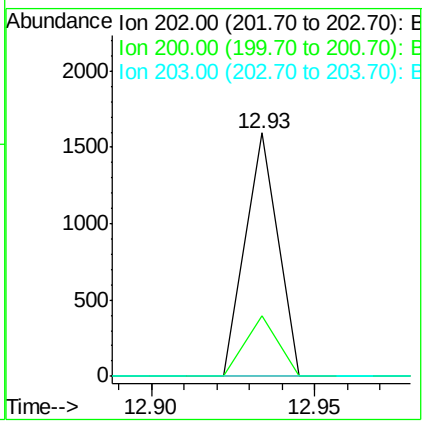


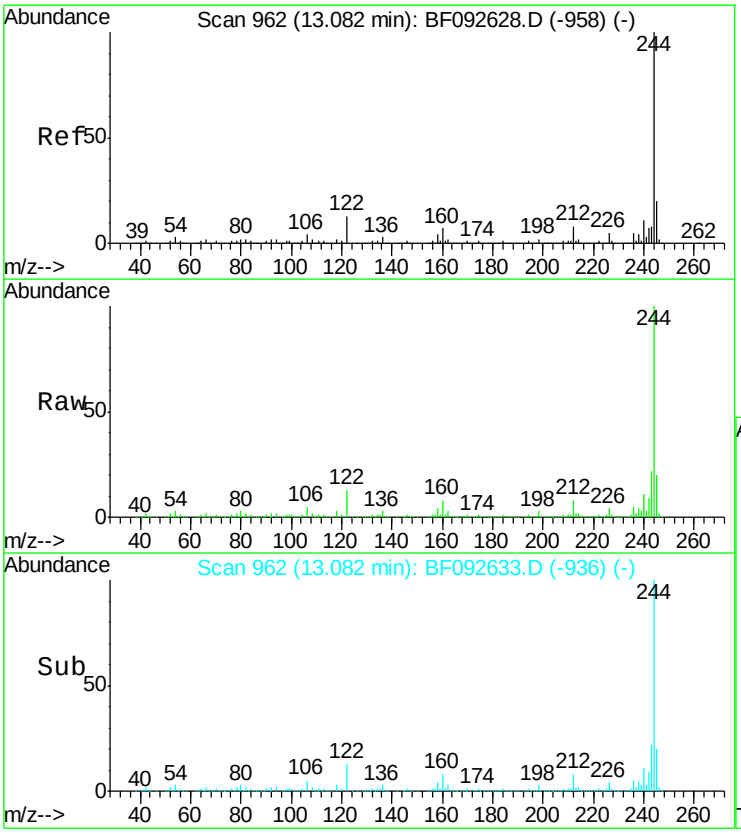
#77
Pyrene
Concen: 0.03 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:202 Resp: 1094

Ion	Ratio	Lower	Upper
202	100		
200	24.7	17.7	26.5
203	0.0	14.7	22.1#

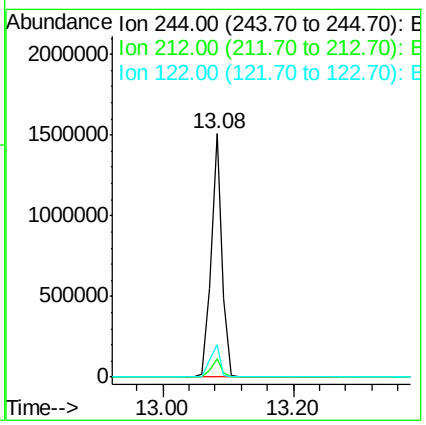


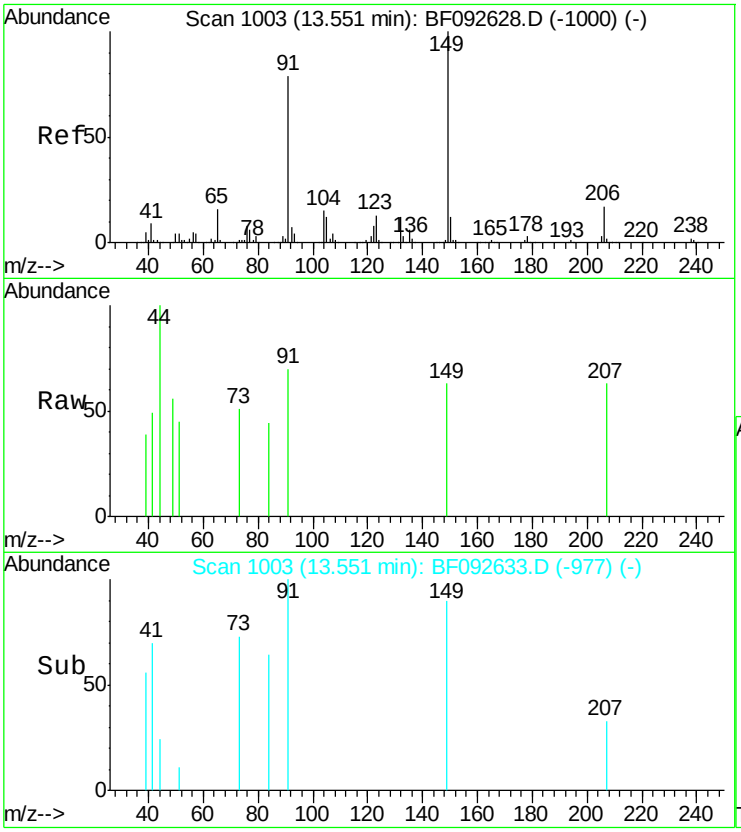


#78
Terphenyl-d14
Concen: 72.88 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:244 Resp: 1771843

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.4	11.4	17.2



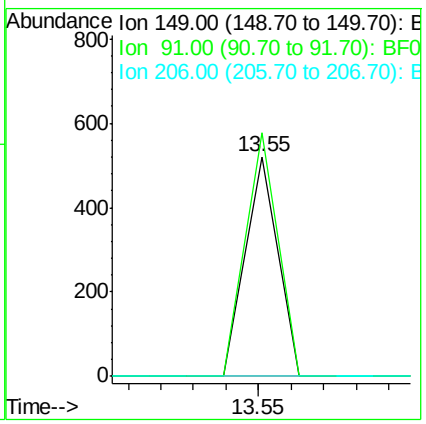


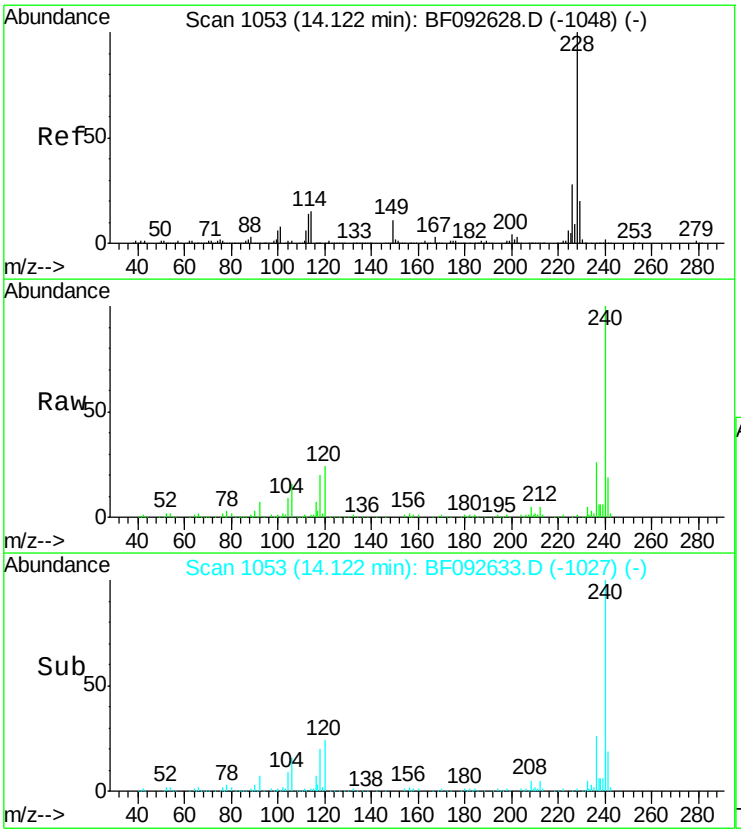
#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.55 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:149 Resp: 357

Ion	Ratio	Lower	Upper
149	100		
91	110.7	63.9	95.9#
206	0.0	14.6	21.8#

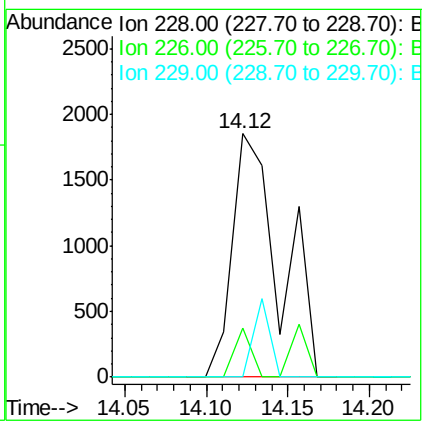


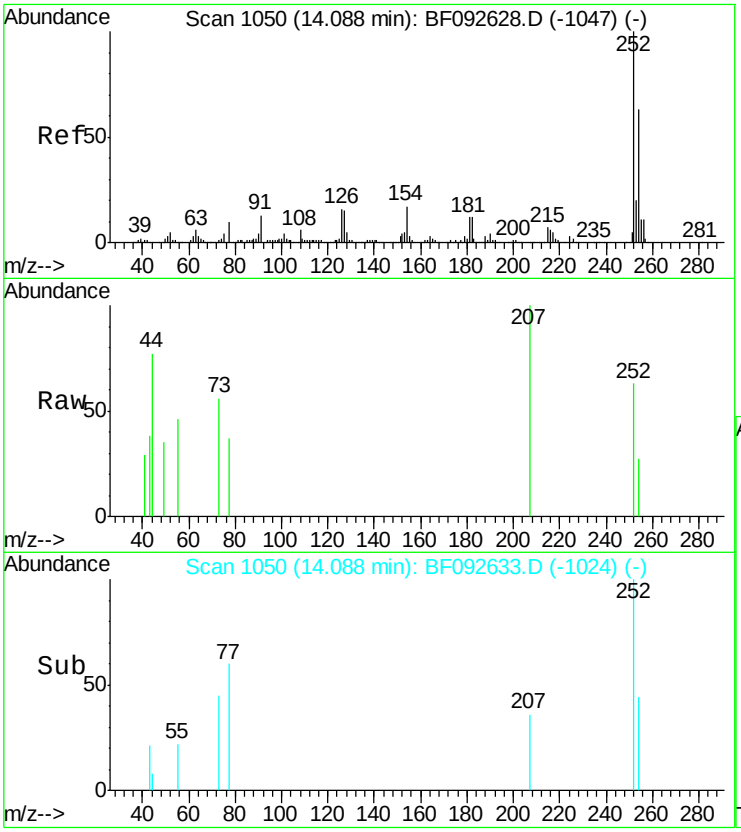


#80
Benzo(a)anthracene
Concen: 0.11 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:228 Resp: 3728

Ion	Ratio	Lower	Upper
228	100		
226	20.3	22.4	33.6#
229	0.0	16.2	24.4#



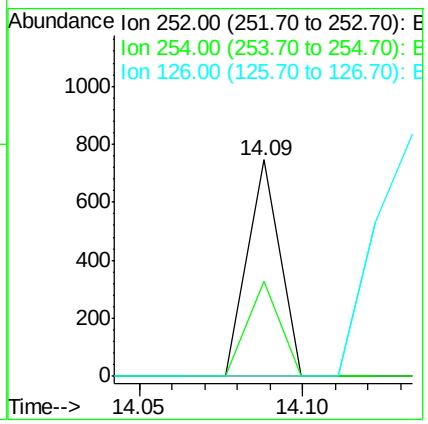


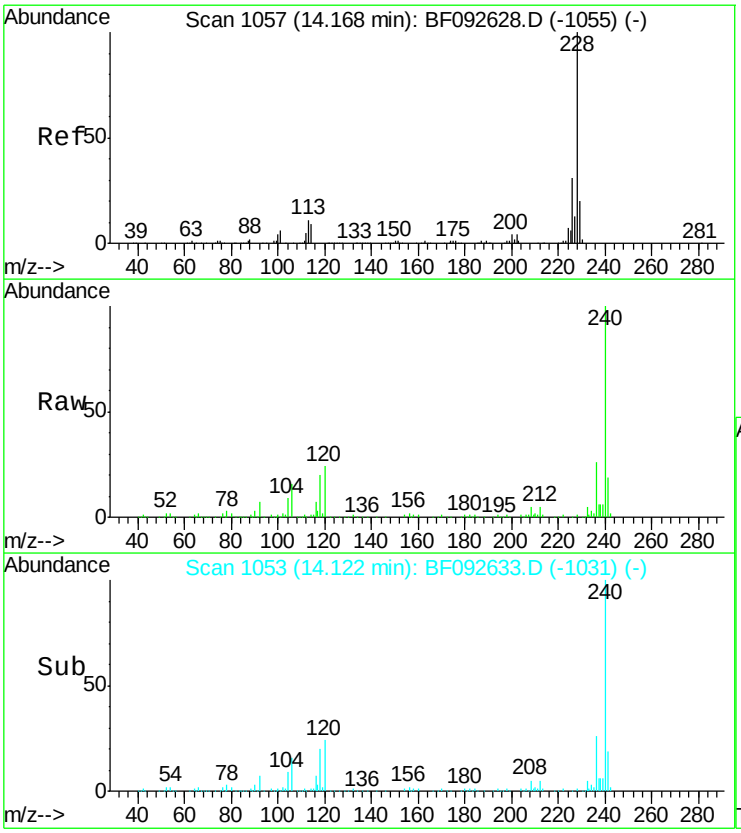
#81
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:252 Resp: 512

Ion	Ratio	Lower	Upper
252	100		
254	43.9	52.3	78.5#
126	0.0	13.6	20.4#

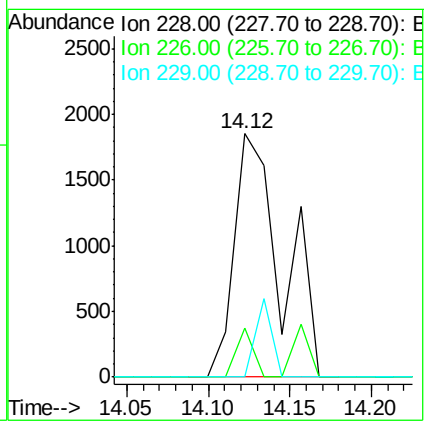


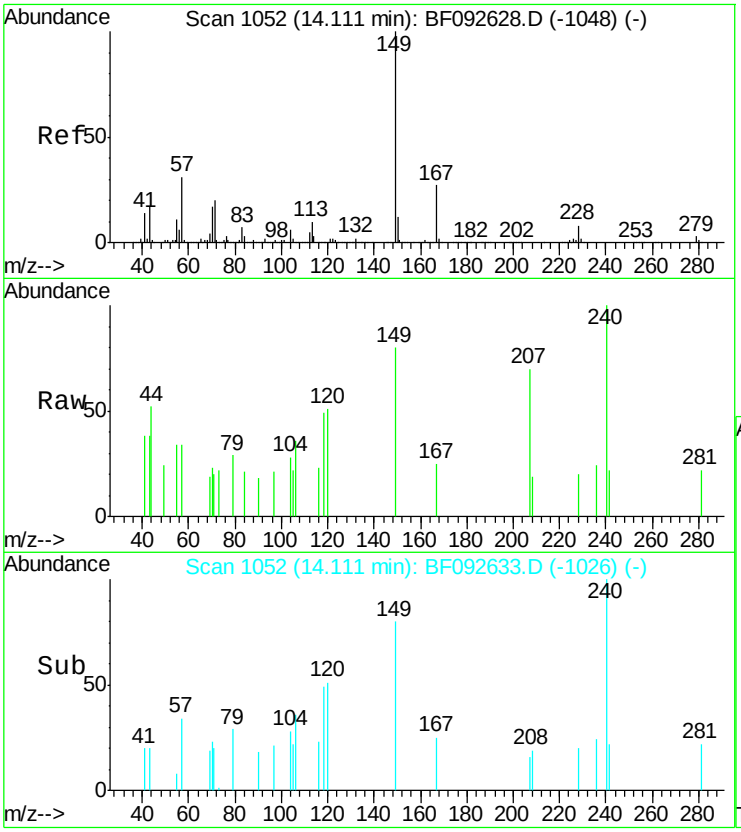


#82
Chrysene
Concen: 0.11 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:228 Resp: 3728

Ion	Ratio	Lower	Upper
228	100		
226	20.3	25.4	38.0#
229	0.0	16.2	24.2#



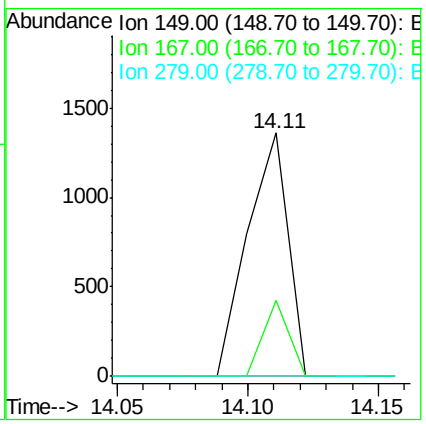


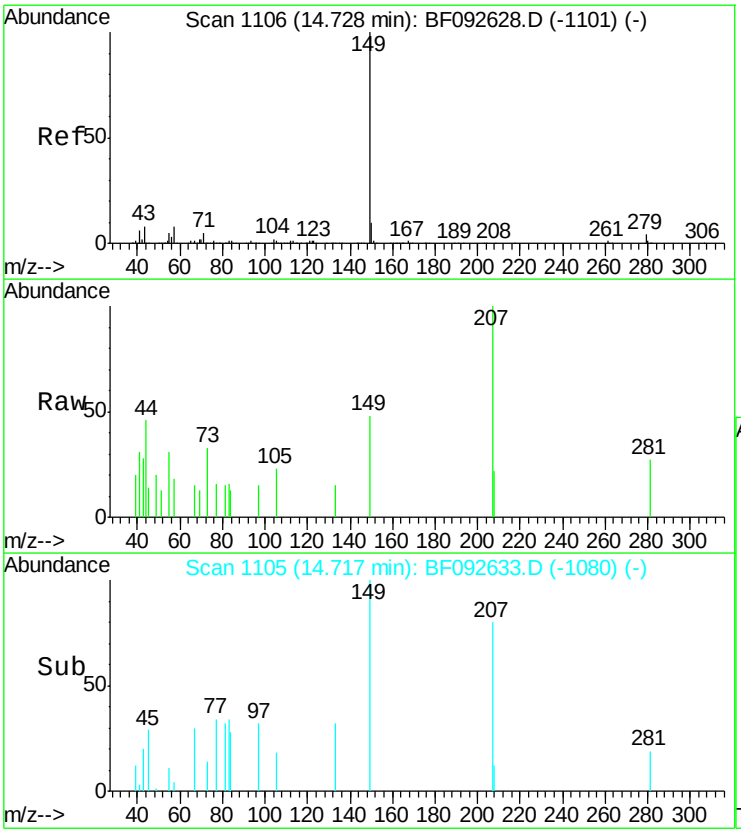
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:149 Resp: 1481

Ion	Ratio	Lower	Upper
149	100		
167	31.2	20.2	30.4#
279	0.0	1.8	2.8#

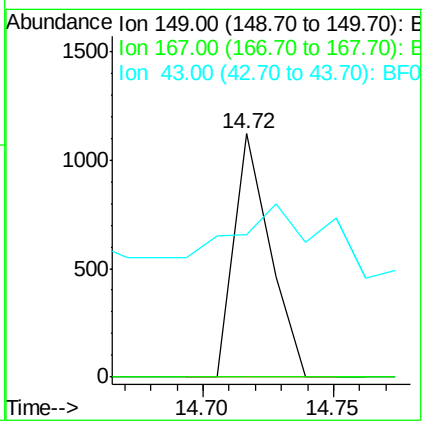


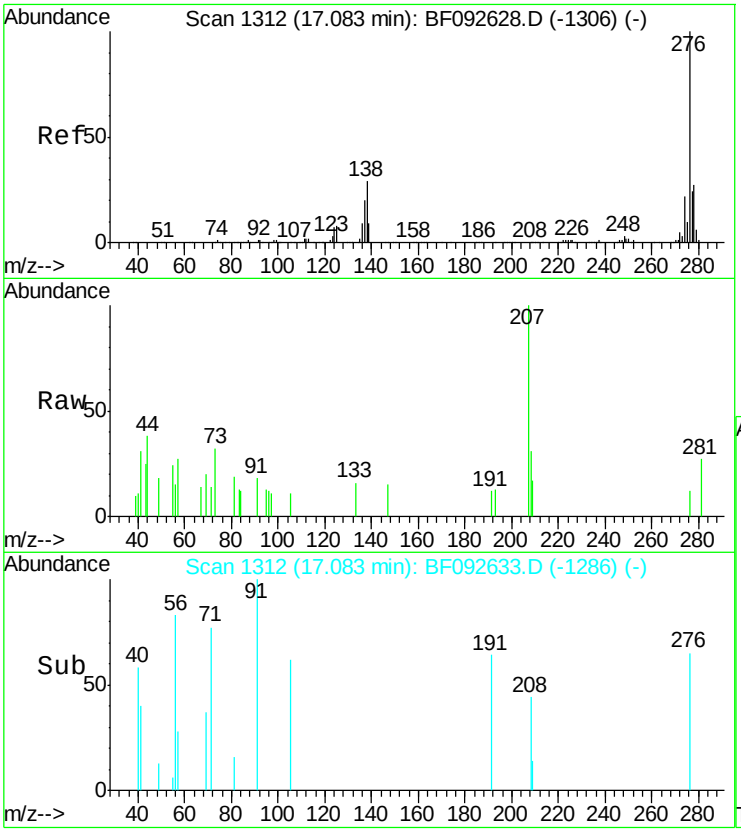


#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 14.72 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:149 Resp: 1087

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	61.5	8.9	13.3#



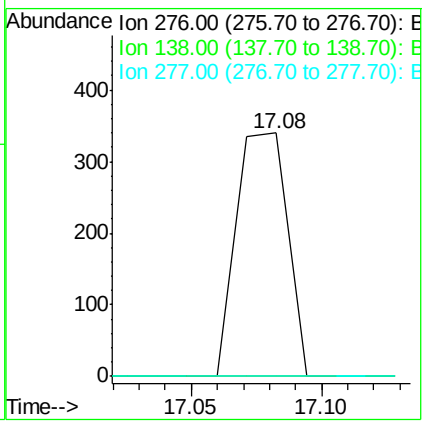


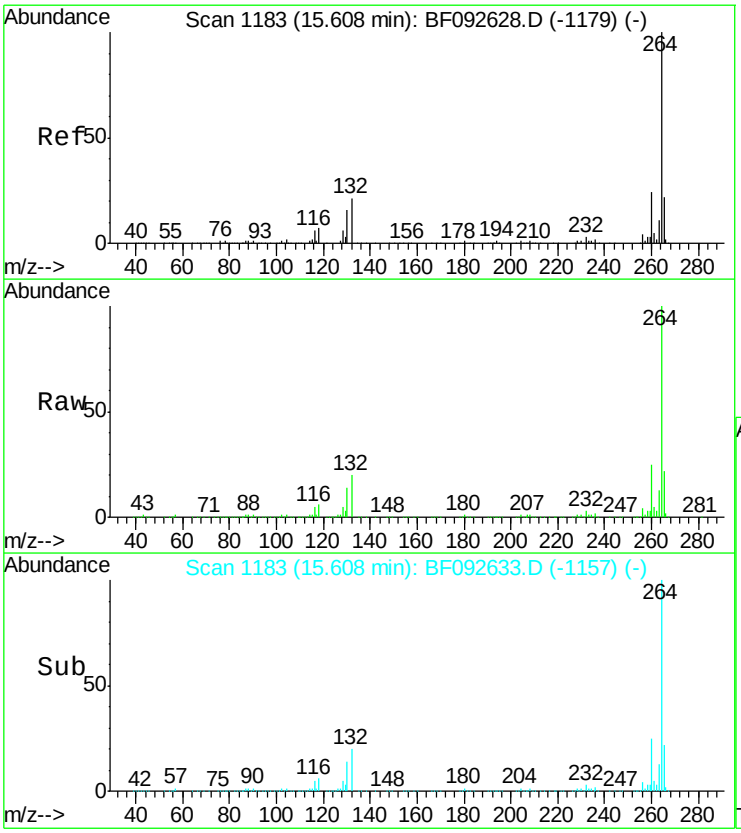
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:276 Resp: 463

Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.8	32.6#
277	0.0	20.2	30.4#

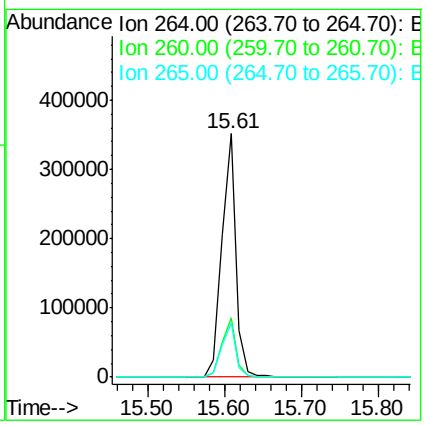


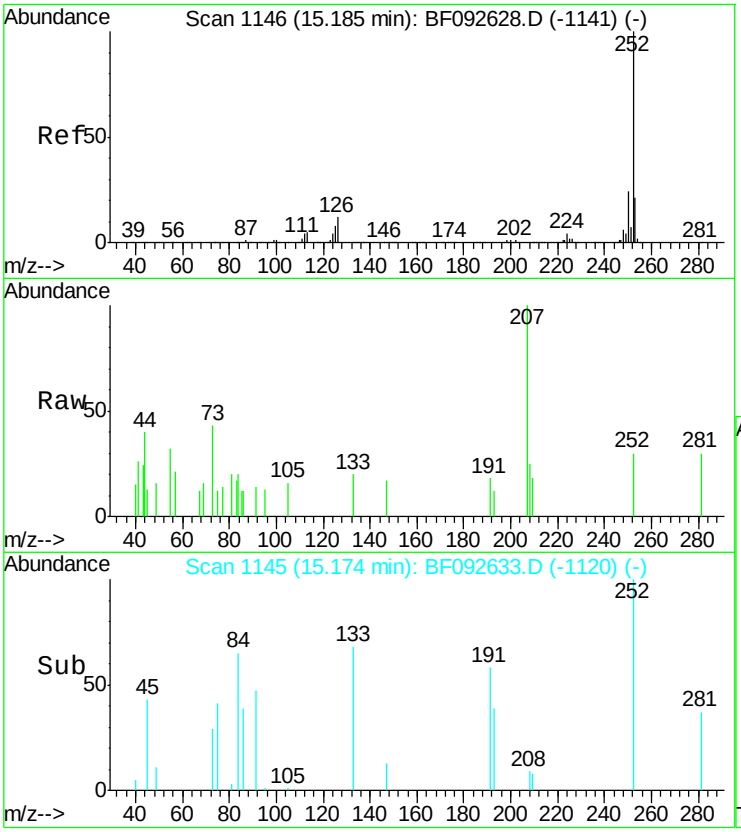


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:264 Resp: 458471

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.5	17.4	26.0



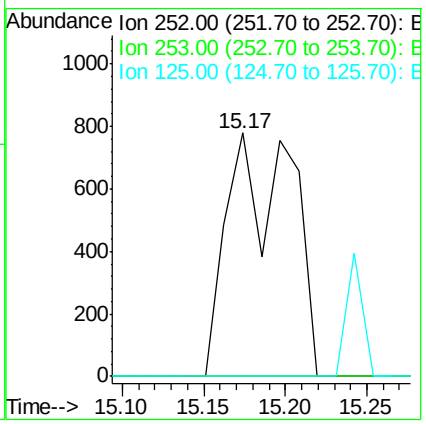


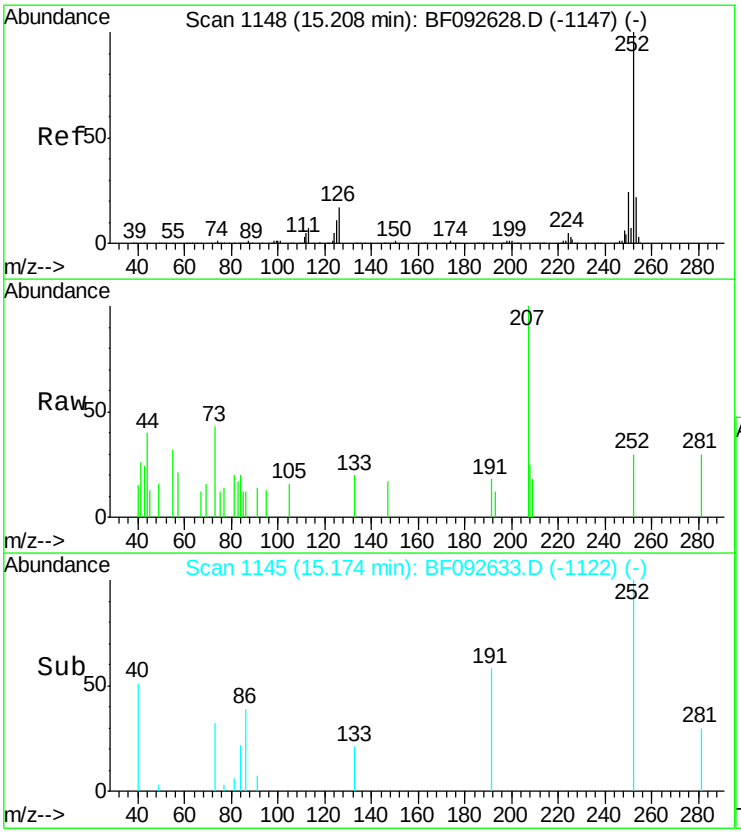
#87
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:252 Resp: 2096

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	9.8	14.6#

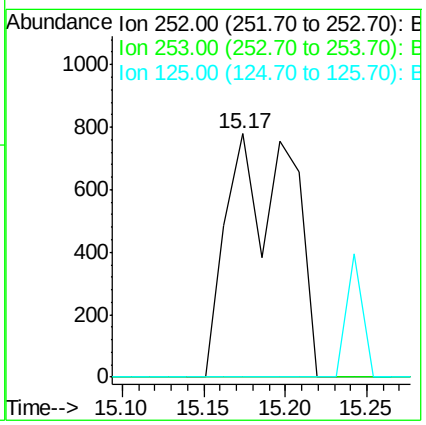


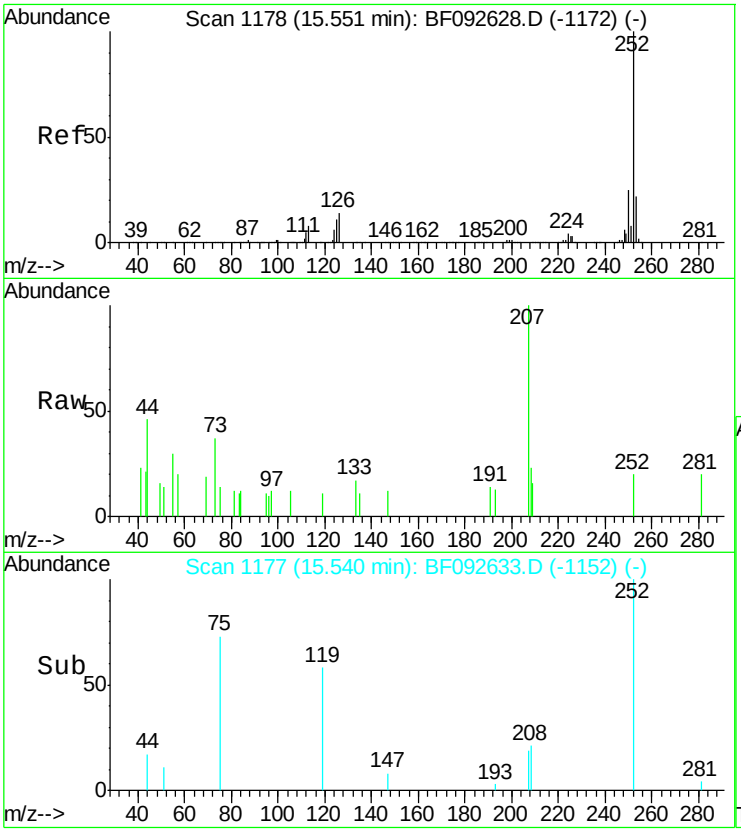


#88
Benzo(k)fluoranthene
Concen: 0.08 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Tgt Ion:252 Resp: 2096

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.5	27.7#
125	0.0	8.9	13.3#





#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092633.D
Acq: 30 Jan 2017 15:00

Instrument :
BNA_F
ClientSampleId :
0035

Tgt Ion:252 Resp: 631

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	10.0	15.0#