Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
Data File : BF092844.D
Acq On : 7 Feb 2017 22:35
Operator : SJ/MA
Sample : I1728-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-R2-COMP

Quant Time: Feb 07 23:53:45 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	6.91	152	145950	20.00	ng		-0.06
21) Naphthalene-d8	8.19	136	577419	20.00	ng		-0.07
38) Acenaphthene-d10	9.95	164	311360	20.00	ng		-0.06
63) Phenanthrene-d10	11.45	188	377149	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	241923	20.00	ng		-0.03
86) Perylene-d12	15.55	264	294051	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	968355	113.83	ng		-0.06
7) Phenol-d6	6.54	99	1190003	108.72	ng		-0.06
23) Nitrobenzene-d5	7.47	82	690107	66.56	ng		-0.07
41) 2,4,6-Tribromophenol	10.75	330	218231	96.91	ng		-0.06
44) 2-Fluorobiphenyl	9.26	172	1146518	66.71	ng		-0.07
78) Terphenyl-d14	13.02	244	793716	77.09	ng		-0.06
Target Compounds							Qvalue
10) Phenol	6.56	94	55955	4.37	ng		91
18) Hexachloroethane	7.48	117	16481	4.34	ng	#	5
19) n-Nitroso-di-n-propylamine	7.47	70	91304	13.10	ng	#	82
25) Isophorone	7.47	82	688636	35.64	ng	#	65
31) Naphthalene	8.22	128	3094210	105.71	ng		99
32) Benzoic acid	7.98	122	6047	8.19	ng	#	45
33) 4-Chloroaniline	8.22	127	432072	37.64	ng	#	35
37) 2-Methylnaphthalene	8.91	142	1154930	61.45	ng		97
45) 1,1'-Biphenyl	9.37	154	687660	30.50	ng		98
48) Acenaphthylene	9.81	152	466091	15.30	ng		99
49) Dimethylphthalate	9.66	163	215104	10.26	ng		99
51) Acenaphthene	10.00	154	2627882	144.26	ng		98
53) 2,4-Dinitrophenol	10.06	184	245	4.83	ng	#	1
54) Dibenzofuran	10.17	168	3140189	128.88	ng		93
55) 4-Nitrophenol	10.17	139	1131055	302.98	ng	#	5
57) Fluorene	10.51	166	3229229	172.27	ng		97
61) 4-Nitroaniline	10.51	138	34707	6.54	ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.57	198	4042	4.33	ng	#	1
65) n-Nitrosodiphenylamine	10.57	169	118658	9.85	ng	#	1
66) 4-Bromophenyl-phenylether	10.75	248	14754	3.74	ng	#	1
69) Pentachlorophenol	11.26	266	1869	8.05	ng		96
70) Phenanthrene	11.49	178	9169447	424.36	ng		98
71) Anthracene	11.49	178	9169447	422.58	ng		98
72) Carbazole	11.68	167	817892	39.43	ng		98
74) Fluoranthene	12.69	202	10339503	463.91	ng		95
77) Pyrene	12.93	202	8083887	446.51	ng		97
80) Benzo(a)anthracene	14.10	228	4215515	284.90	ng		95
82) Chrysene	14.15	228	4124919	297.75	ng		97
83) Bis(2-ethylhexyl)phthalate	14.07	149	27086	2.69	ng	#	75
85) Indeno(1,2,3-cd)pyrene	17.00	276	636595	59.32	ng		96
87) Benzo(b)fluoranthene	15.15	252	5027363	259.75	ng		99
88) Benzo(k)fluoranthene	15.15	252	5011975	299.92	ng		98
89) Benzo(a)pyrene	15.51	252	1741335	104.01	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	222391	16.44	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
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Quant Time: Feb 07 23:53:45 2017
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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)
91) Benzo(g,h,i)perylene	17.44	276	473605	34.65	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
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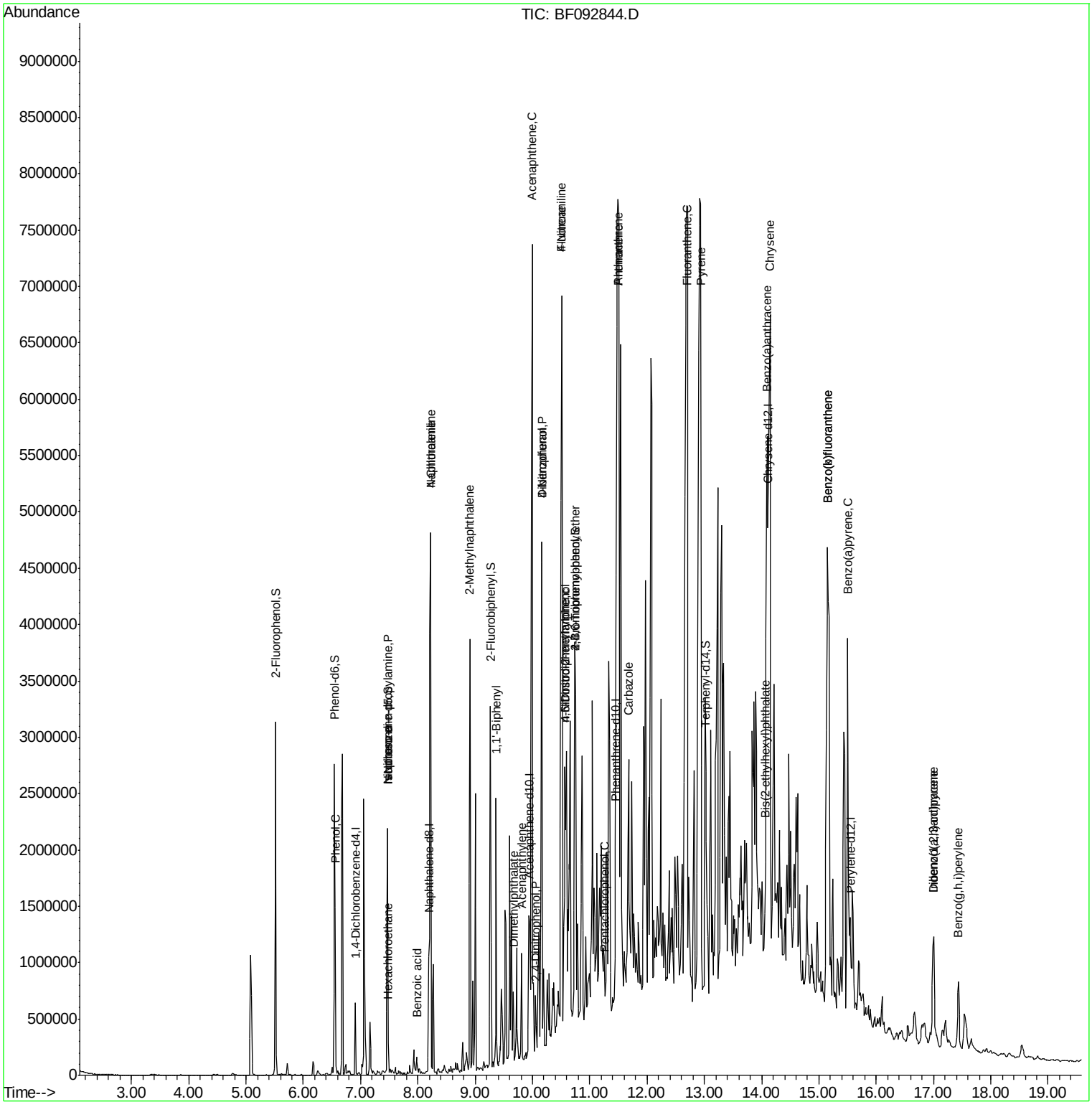
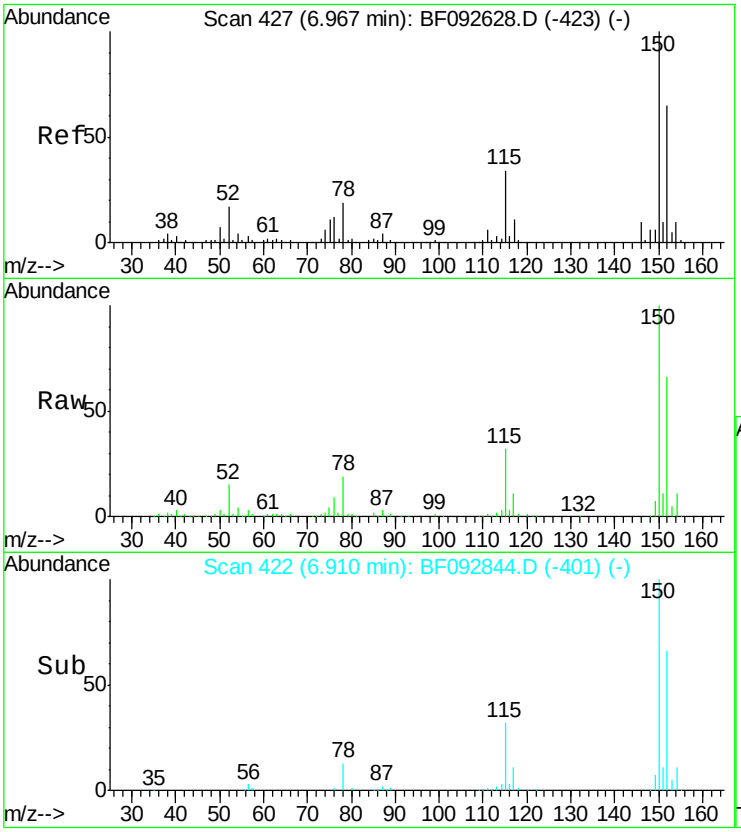


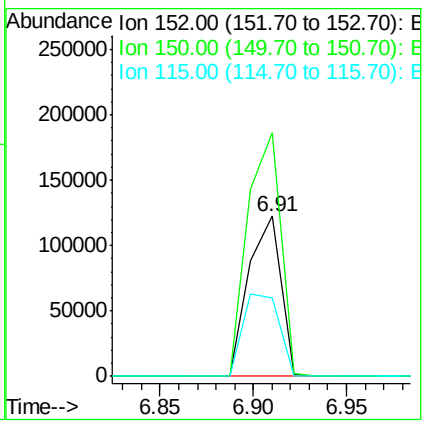


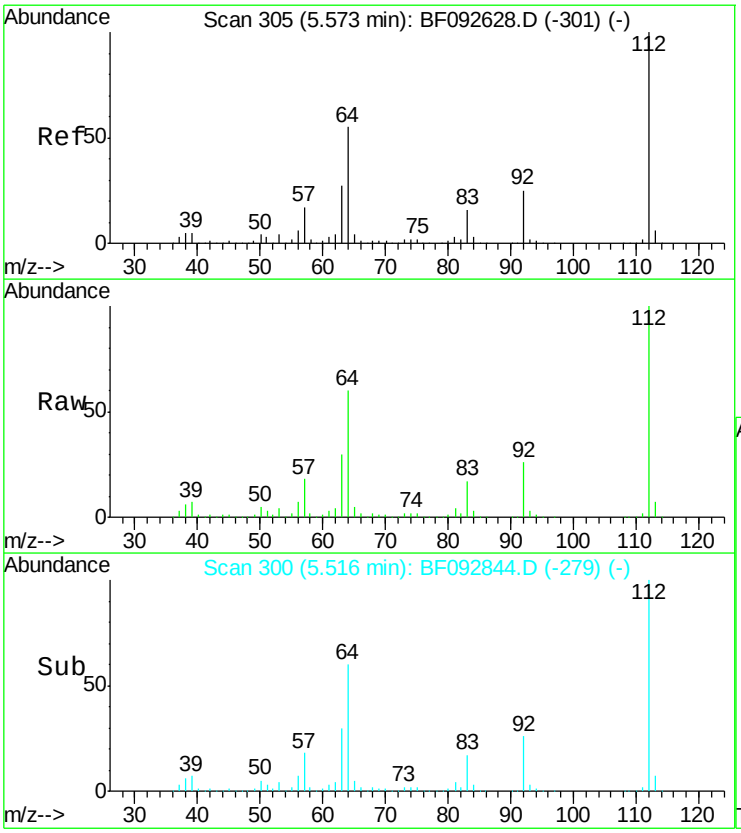
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:152 Resp: 145950

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.9	187.3
115	49.1	46.0	69.0

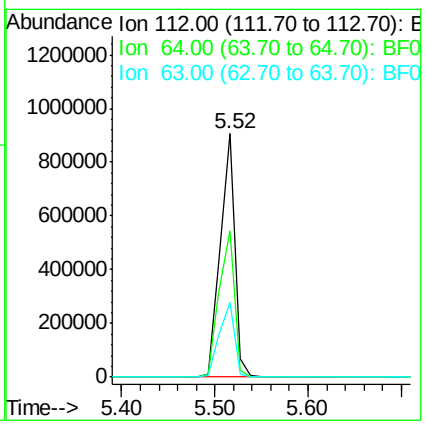


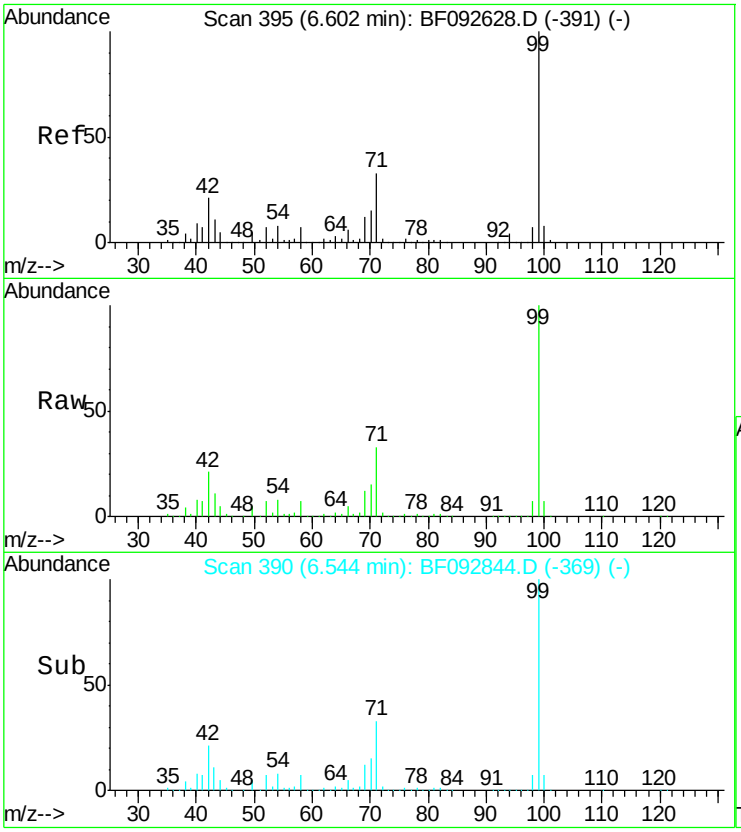


#5
2-Fluorophenol
Concen: 113.83 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:112 Resp: 968355

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.1	69.1
63	30.4	23.8	35.6



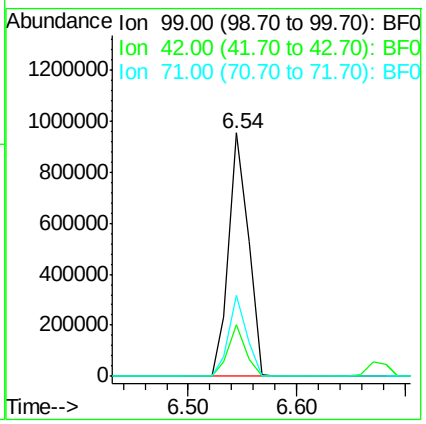


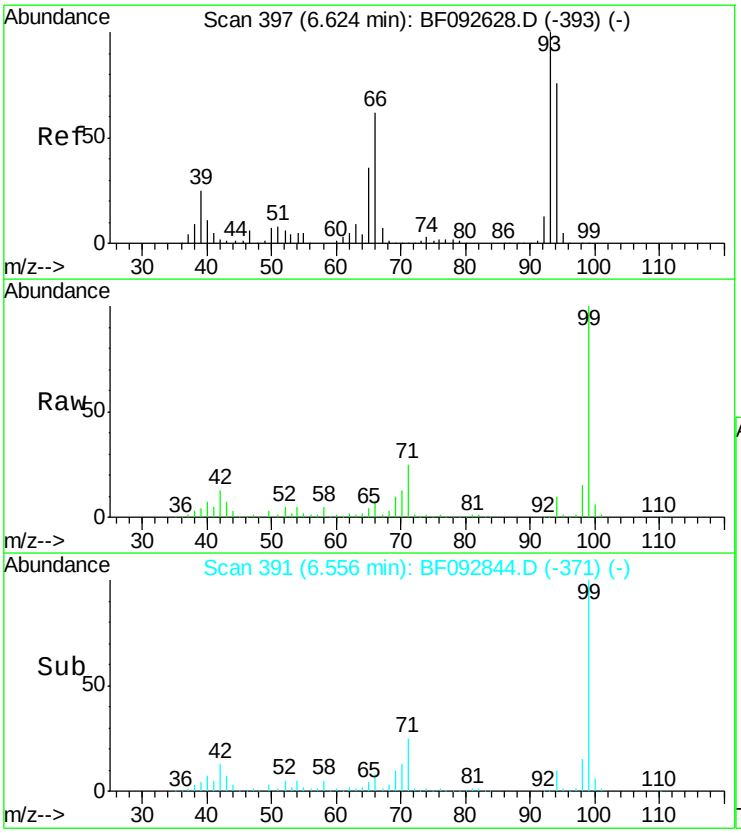
#7
Phenol-d6
Concen: 108.72 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion: 99 Resp: 1190003

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.6	23.4
71	33.2	27.5	41.3

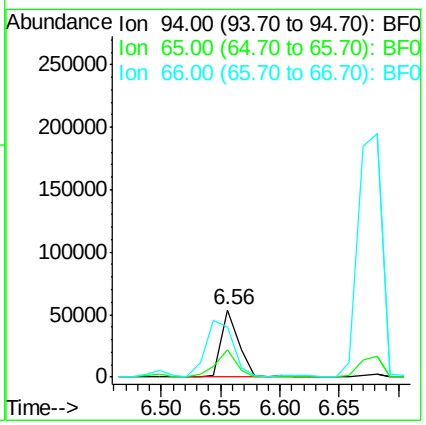


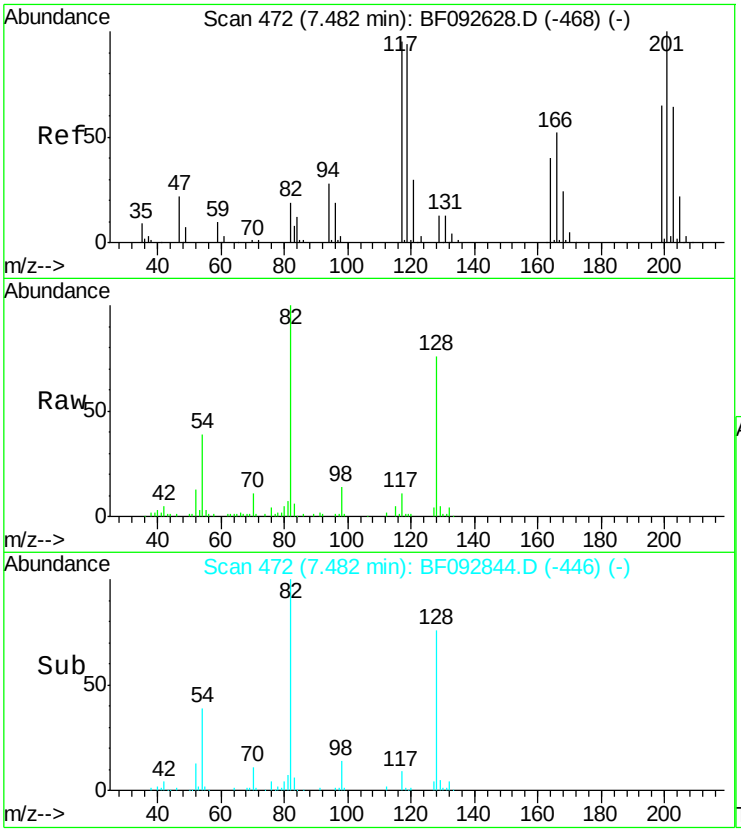


#10
Phenol
Concen: 4.37 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.07 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion: 94 Resp: 55955

Ion	Ratio	Lower	Upper
94	100		
65	40.5	21.4	61.4
66	74.8	44.0	84.0



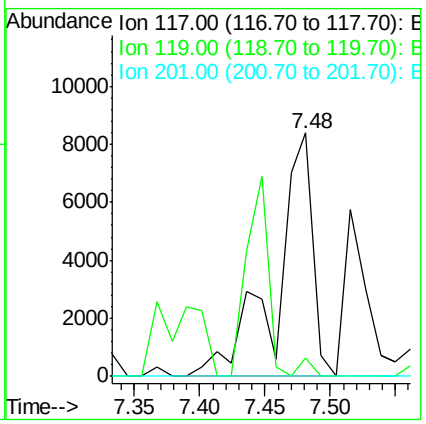


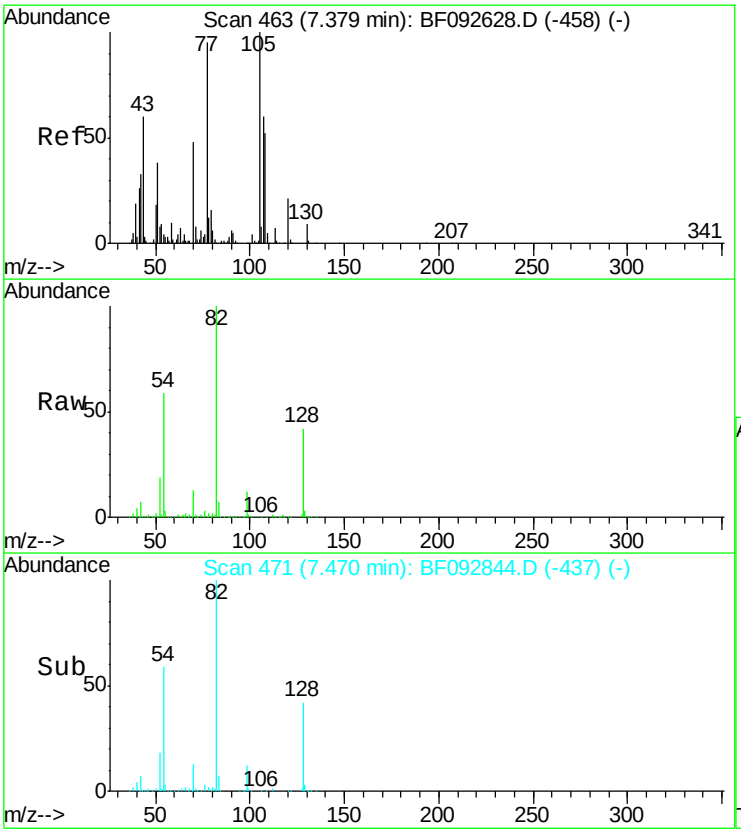
#18
Hexachloroethane
Concen: 4.34 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:117 Resp: 16481

Ion	Ratio	Lower	Upper
117	100		
119	7.6	78.1	117.1#
201	0.0	78.6	117.8#

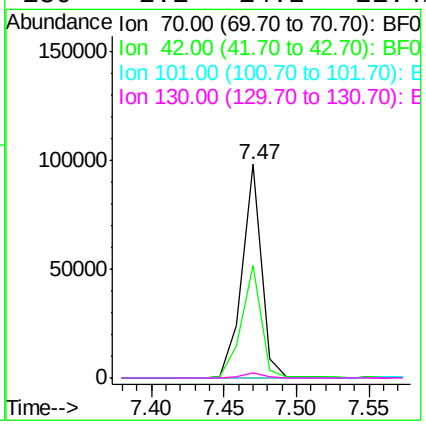


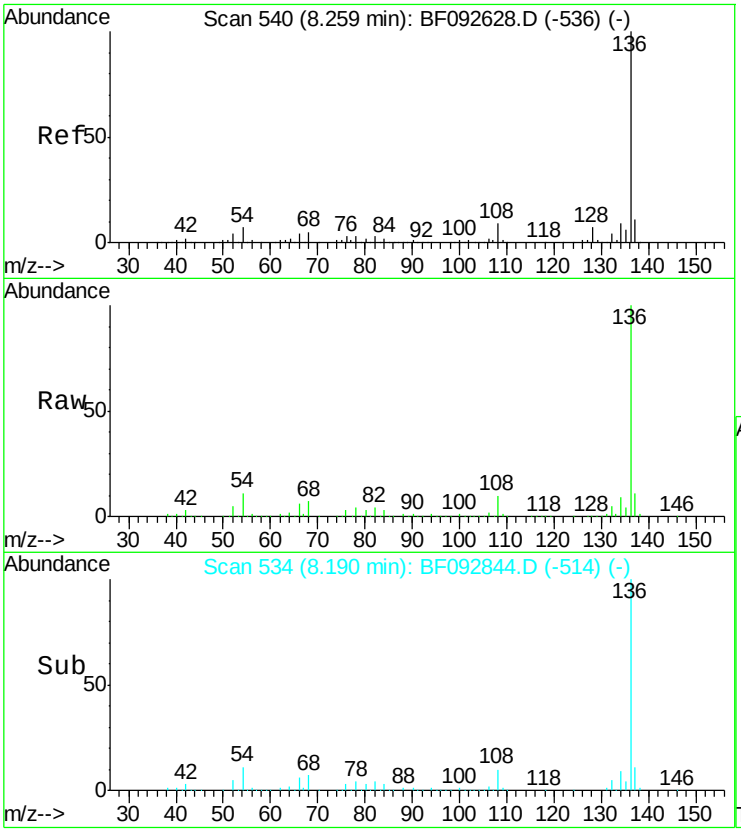


#19
n-Nitroso-di-n-propylamine
Concen: 13.10 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion: 70 Resp: 91304

Ion	Ratio	Lower	Upper
70	100		
42	52.8	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



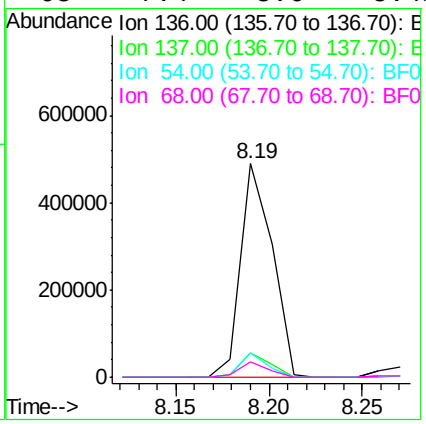


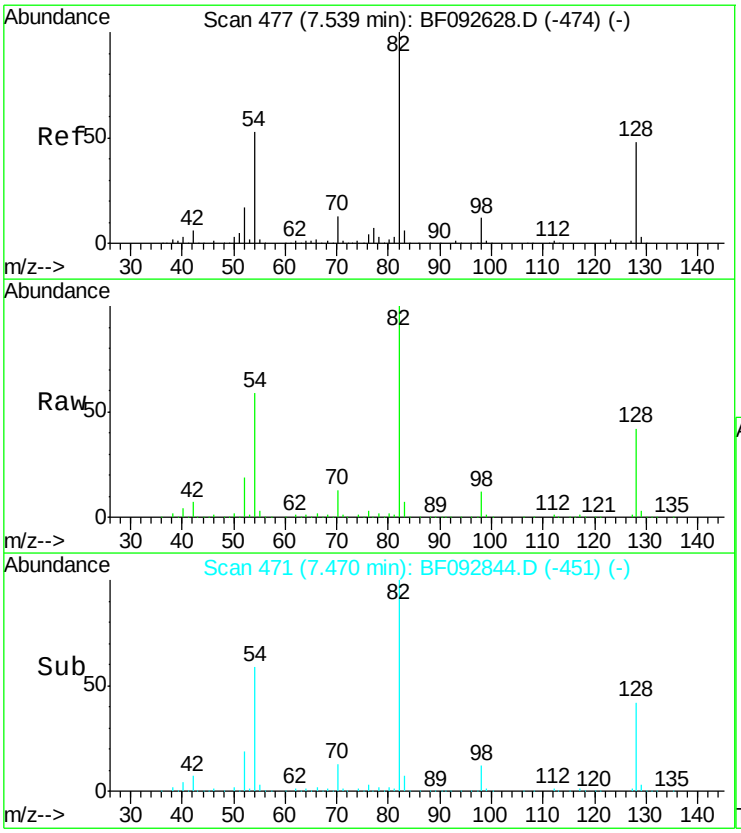
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:136 Resp: 577419

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.3	4.5	6.7#
68	7.4	3.6	5.4#

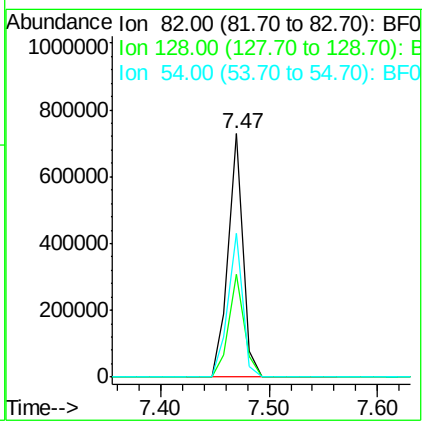


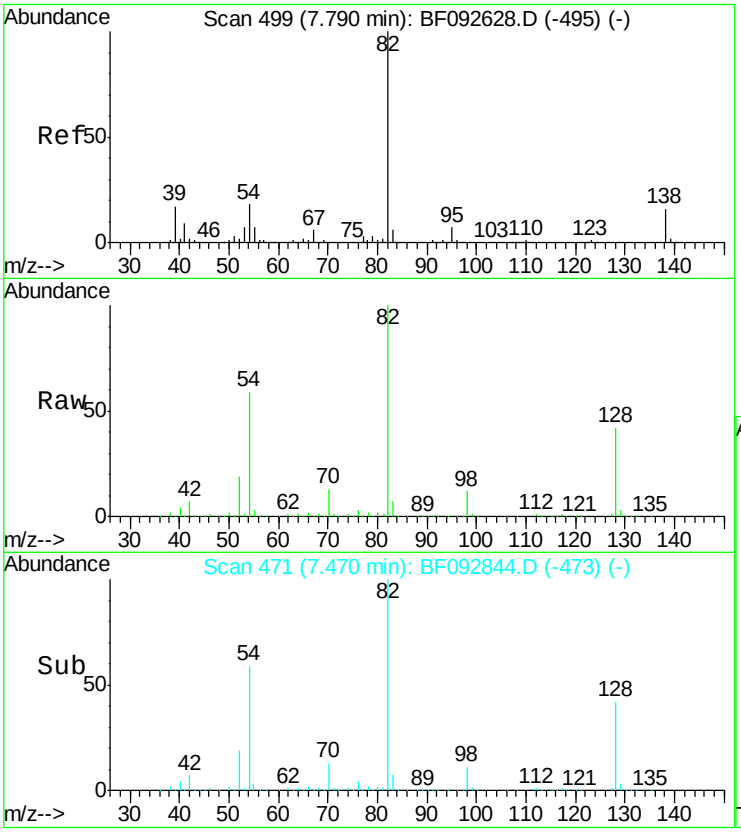


#23
Nitrobenzene-d5
Concen: 66.56 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion: 82 Resp: 690107

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	59.0	39.5	59.3



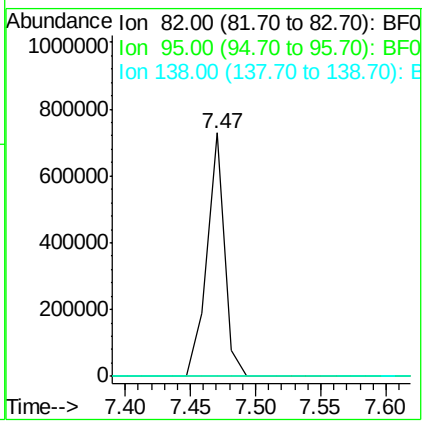


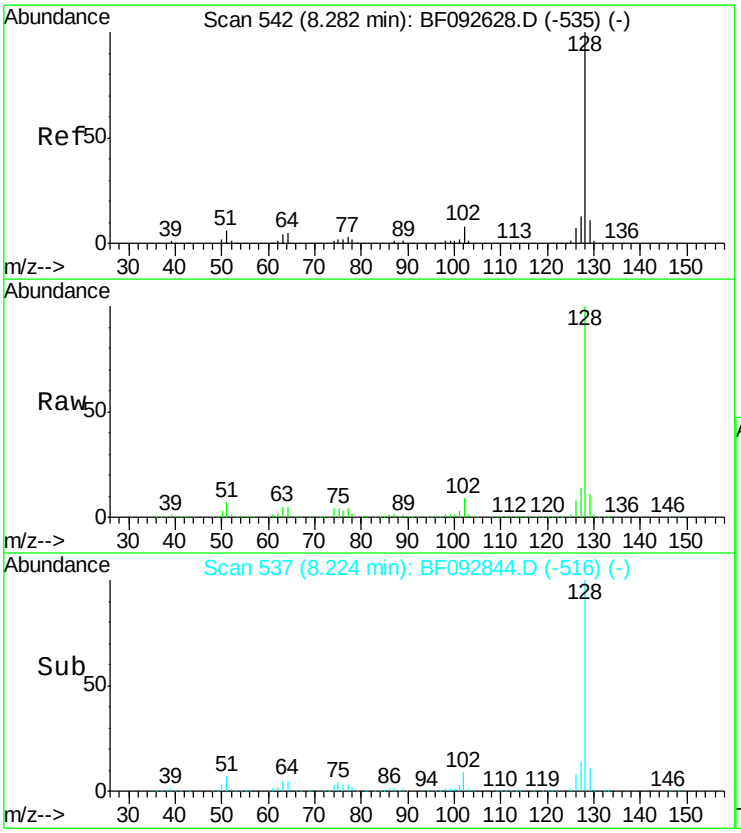
#25
Isophorone
Concen: 35.64 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.32 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion: 82 Resp: 688636

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

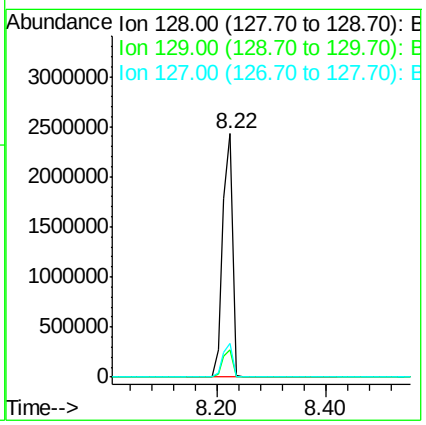


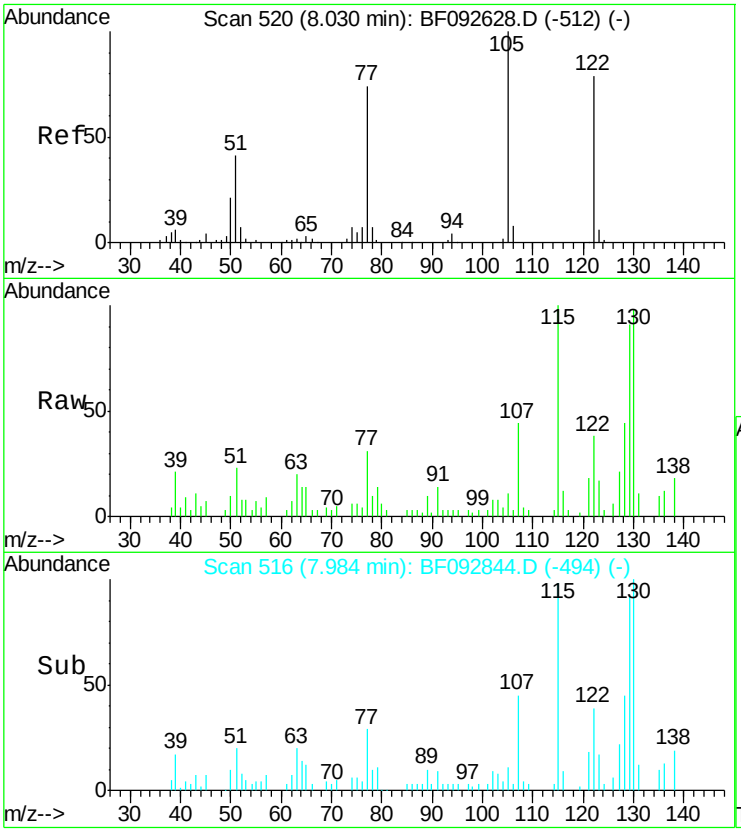


#31
Naphthalene
Concen: 105.71 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:128 Resp: 3094210

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	14.1	10.8	16.2



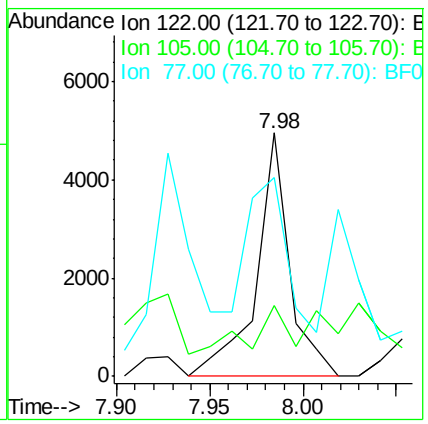


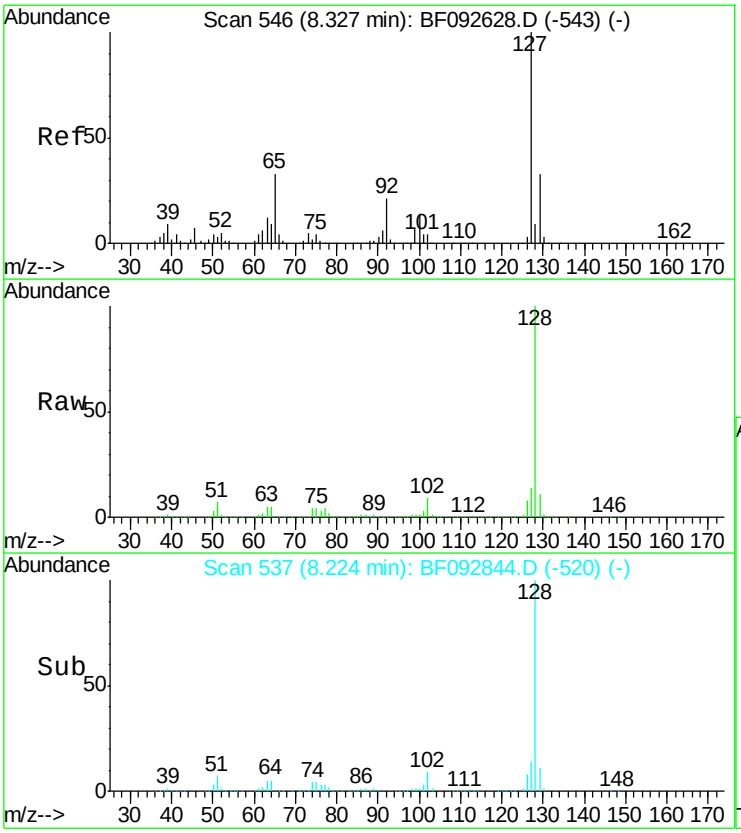
#32
Benzoic acid
Concen: 8.19 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:122 Resp: 6047

Ion	Ratio	Lower	Upper
122	100		
105	28.9	107.2	147.2#
77	81.5	74.5	114.5

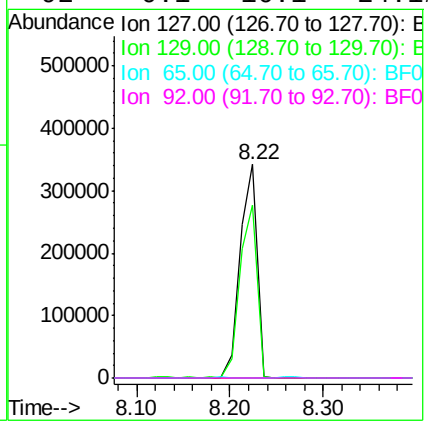


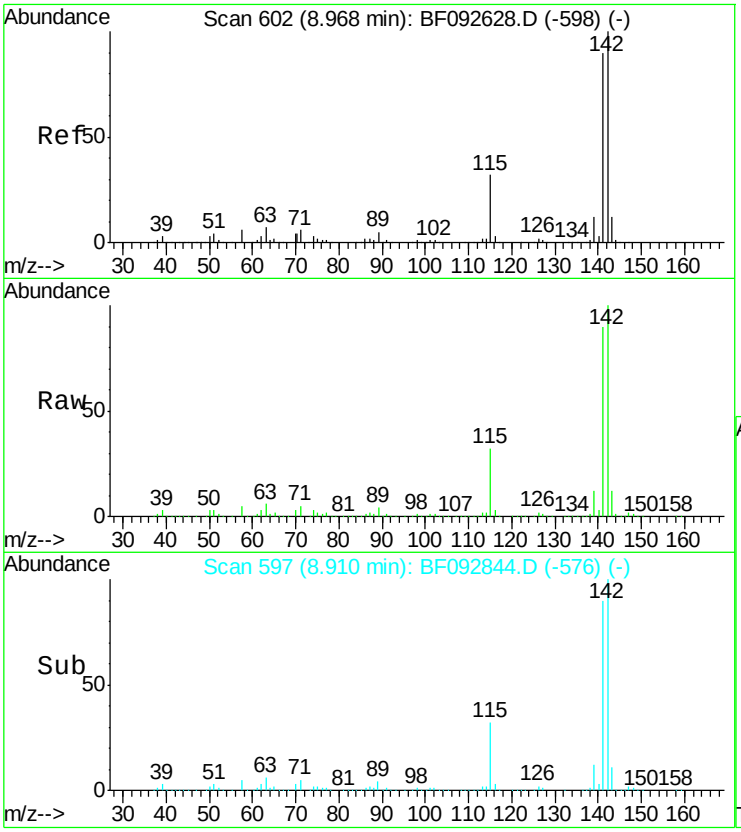


#33
4-Chloroaniline
Concen: 37.64 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.10 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:127 Resp: 432072

Ion	Ratio	Lower	Upper
127	100		
129	80.8	26.3	39.5#
65	0.0	25.8	38.8#
92	0.1	16.1	24.1#



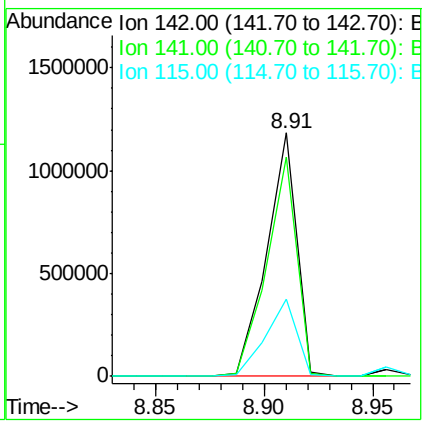


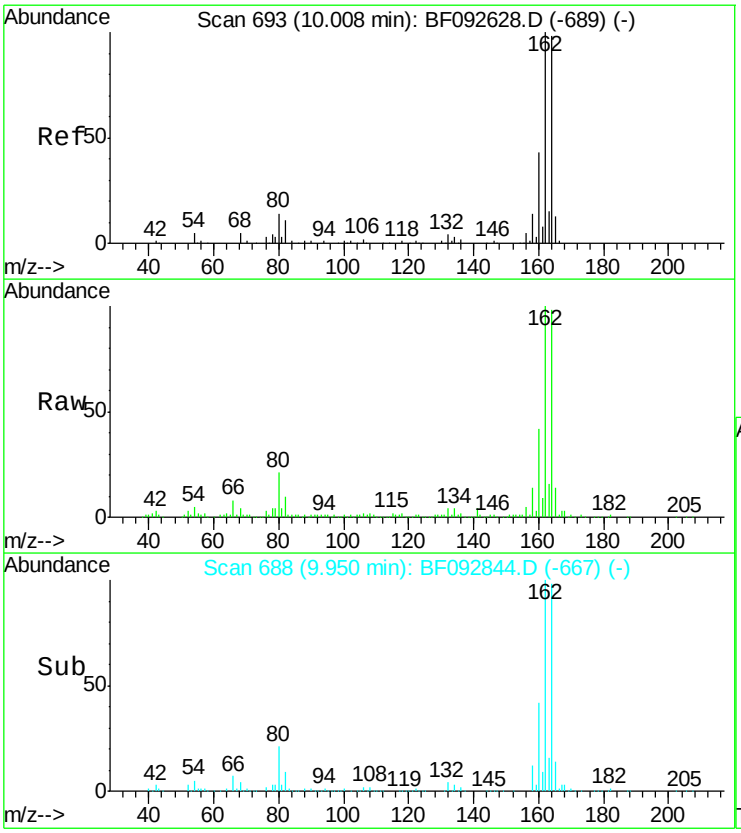
#37
2-Methylnaphthalene
Concen: 61.45 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:142 Resp: 1154930

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	31.8	28.3	42.5

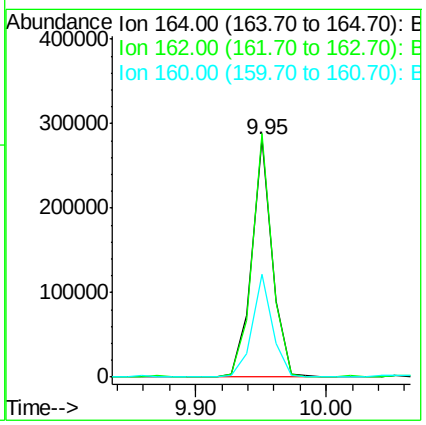


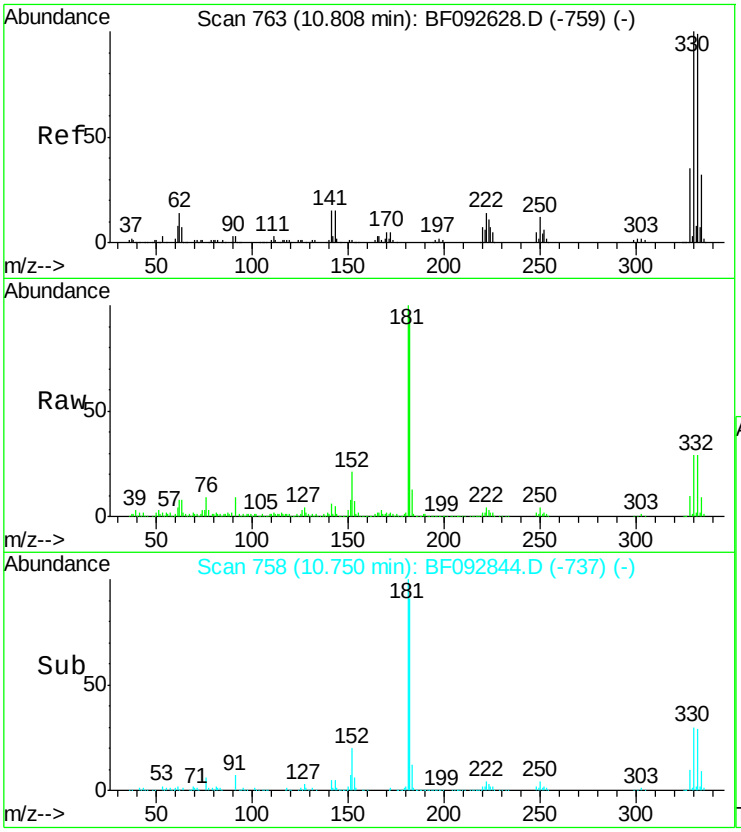


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:164 Resp: 311360

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.3	36.9	55.3



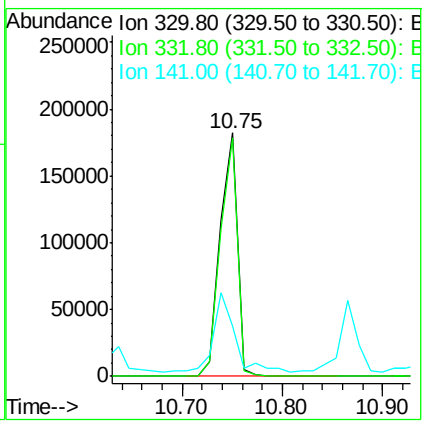


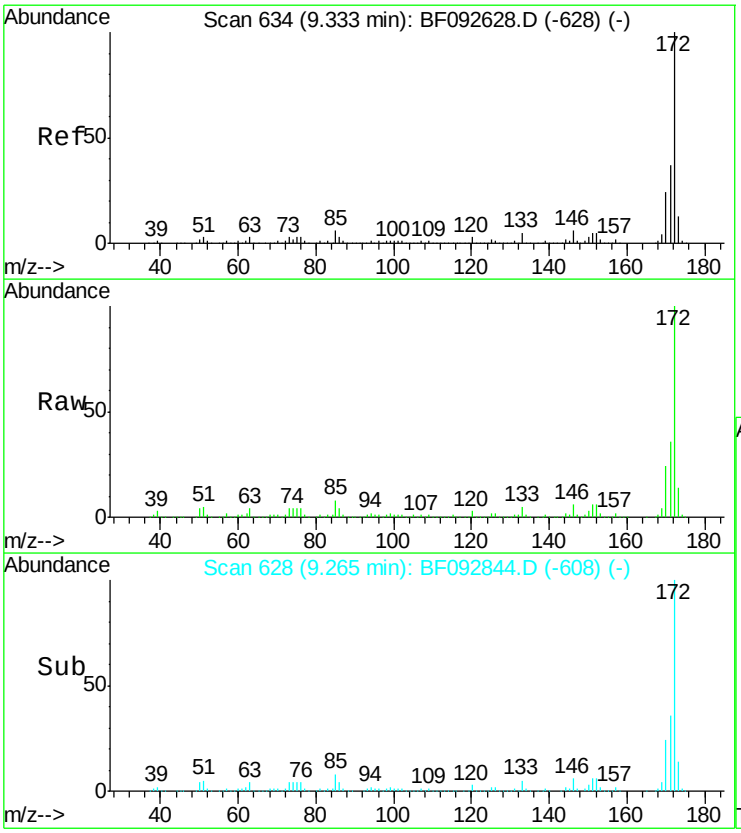
#41
2,4,6-Tribromophenol
Concen: 96.91 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:330 Resp: 218231

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	39.5	34.1	51.1

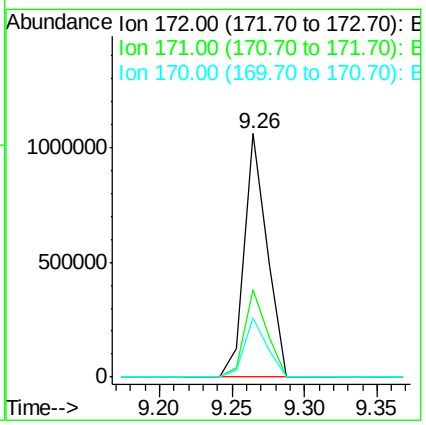


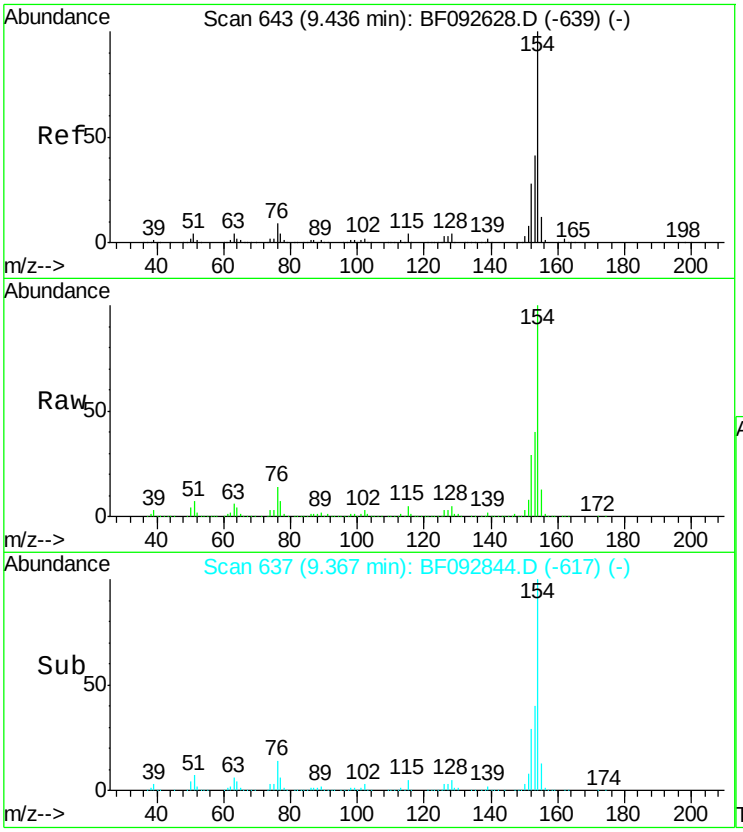


#44
2-Fluorobiphenyl
Concen: 66.71 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.07 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:172 Resp: 1146518

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.4	20.2	30.4



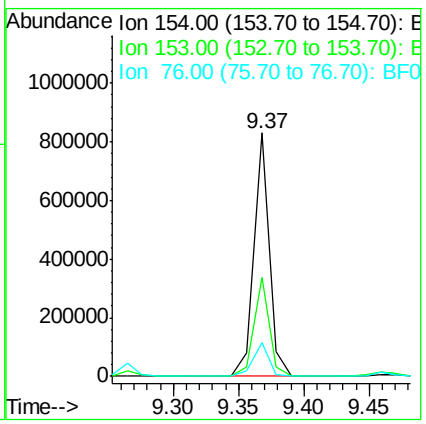


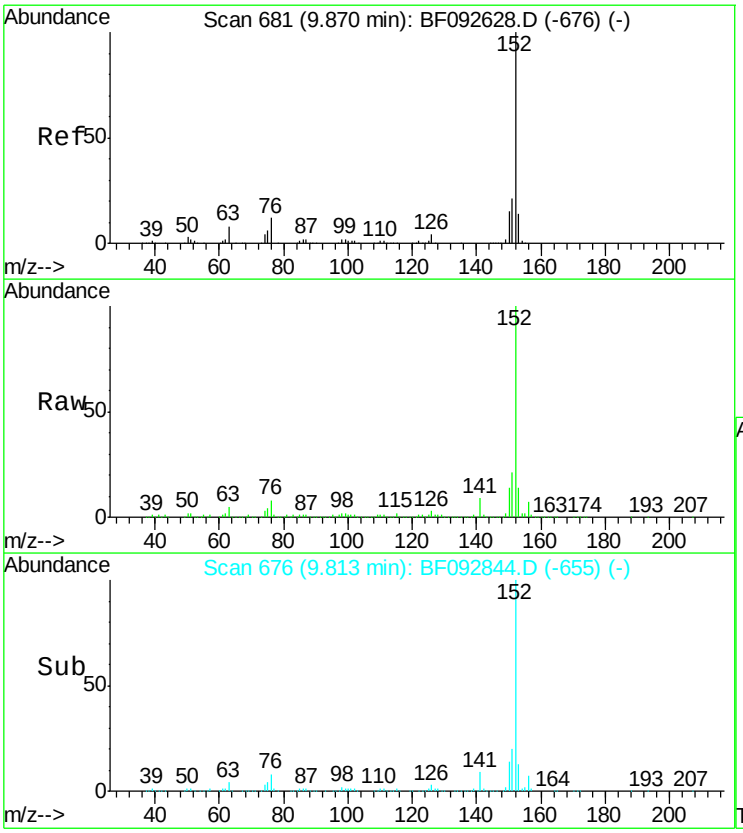
#45
1,1'-Biphenyl
Concen: 30.50 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.07 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:154 Resp: 687660

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.9	60.9
76	13.9	0.0	30.5

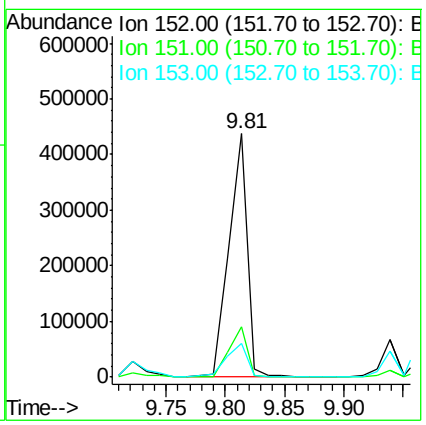


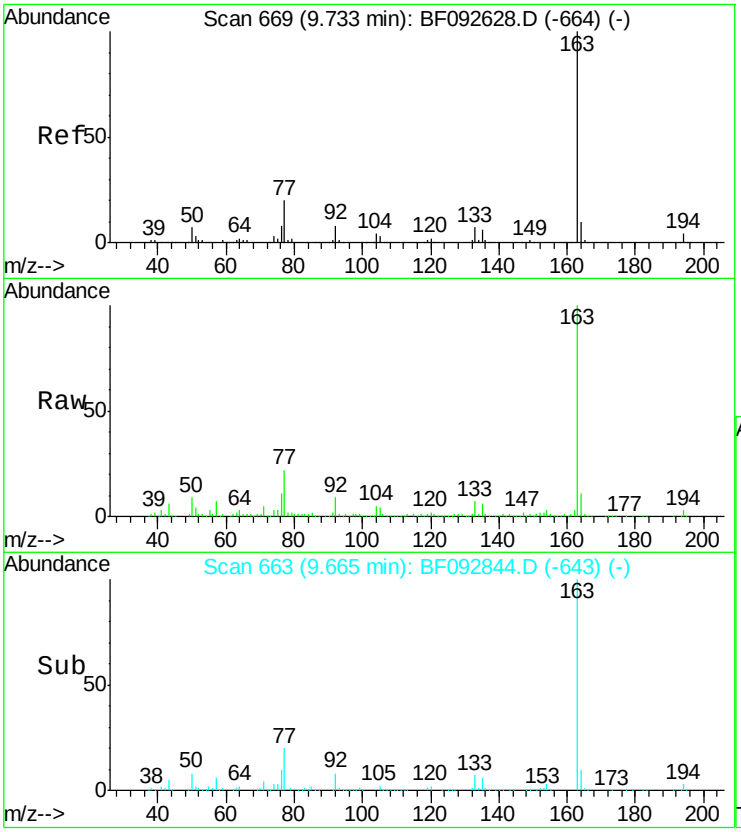


#48
Acenaphthylene
Concen: 15.30 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:152 Resp: 466091

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.9	11.4	17.2



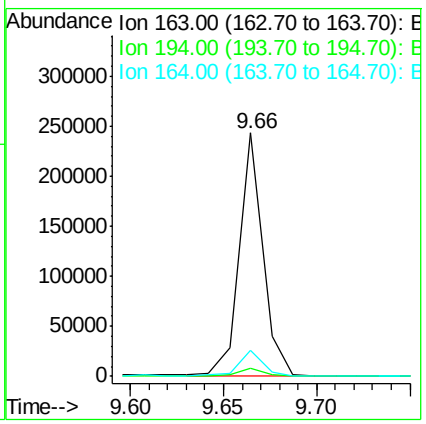


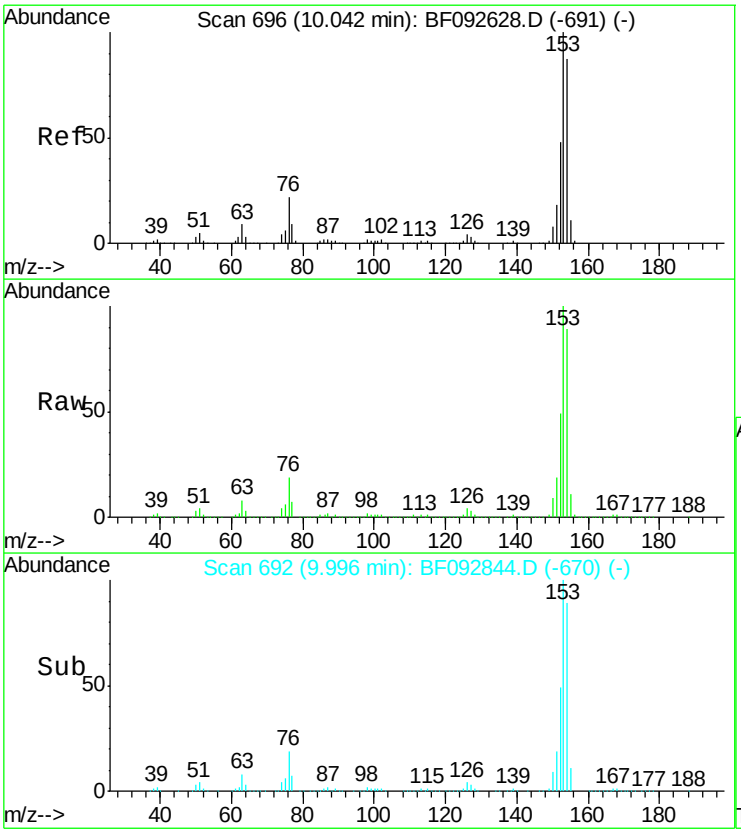
#49
Dimethylphthalate
Concen: 10.26 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:163 Resp: 215104

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.6	8.0	12.0

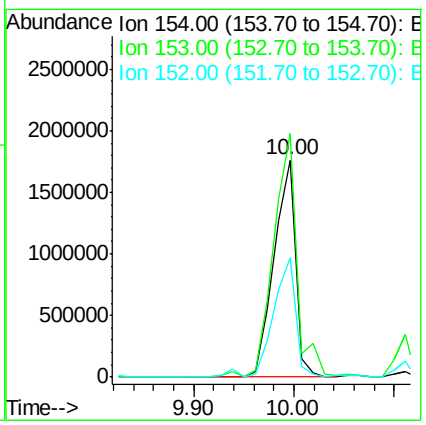


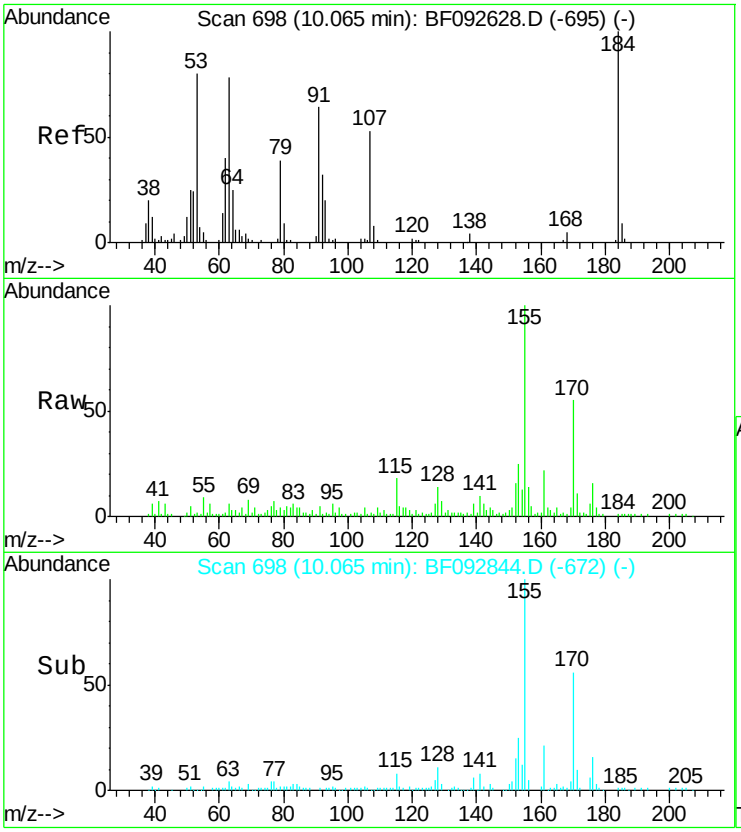


#51
Acenaphthene
Concen: 144.26 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:154 Resp: 2627882

Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.6	133.0
152	55.2	41.6	62.4



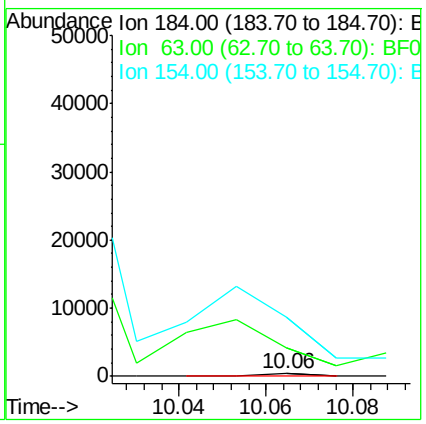


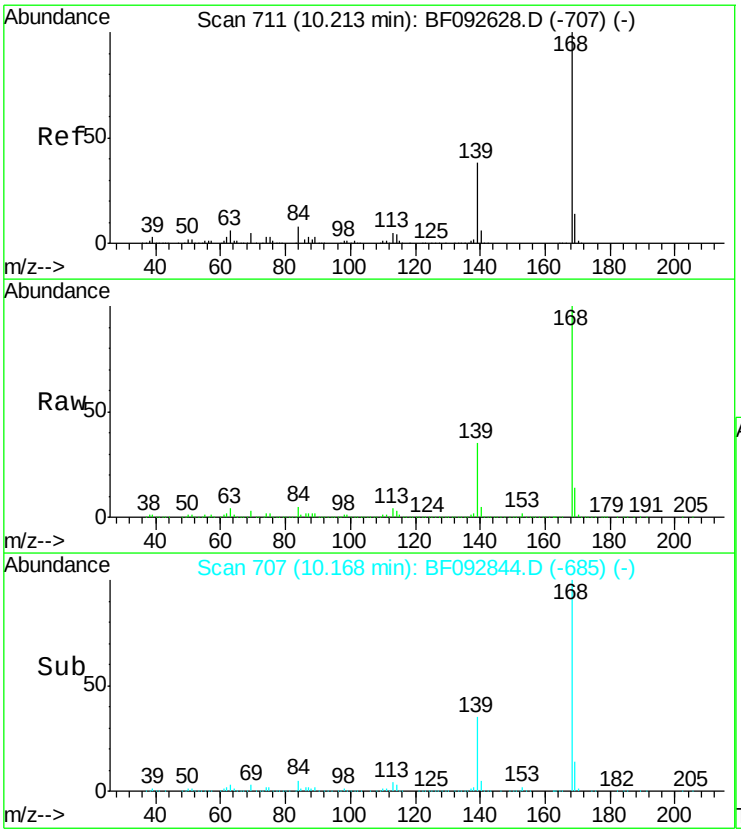
#53
2,4-Dinitrophenol
Concen: 4.83 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:184 Resp: 245

Ion	Ratio	Lower	Upper
184	100		
63	1167.6	28.4	42.6#
154	2437.2	44.3	66.5#

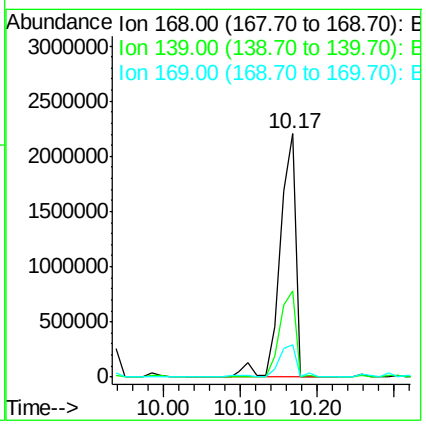


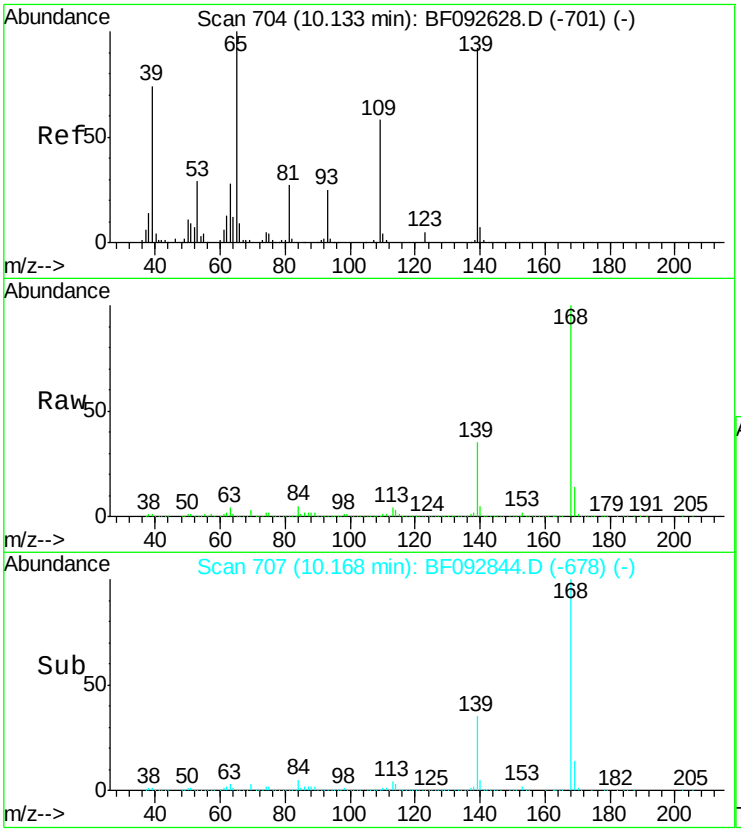


#54
Dibenzofuran
Concen: 128.88 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:168 Resp: 3140189

Ion	Ratio	Lower	Upper
168	100		
139	35.2	32.6	49.0
169	13.6	11.3	16.9



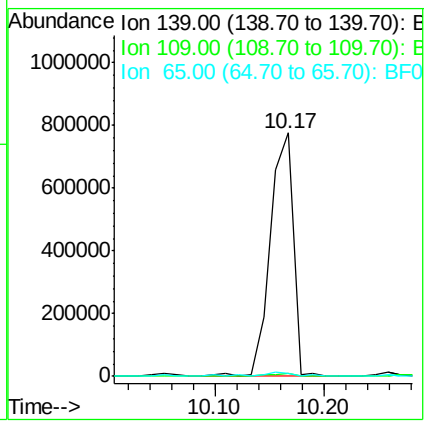


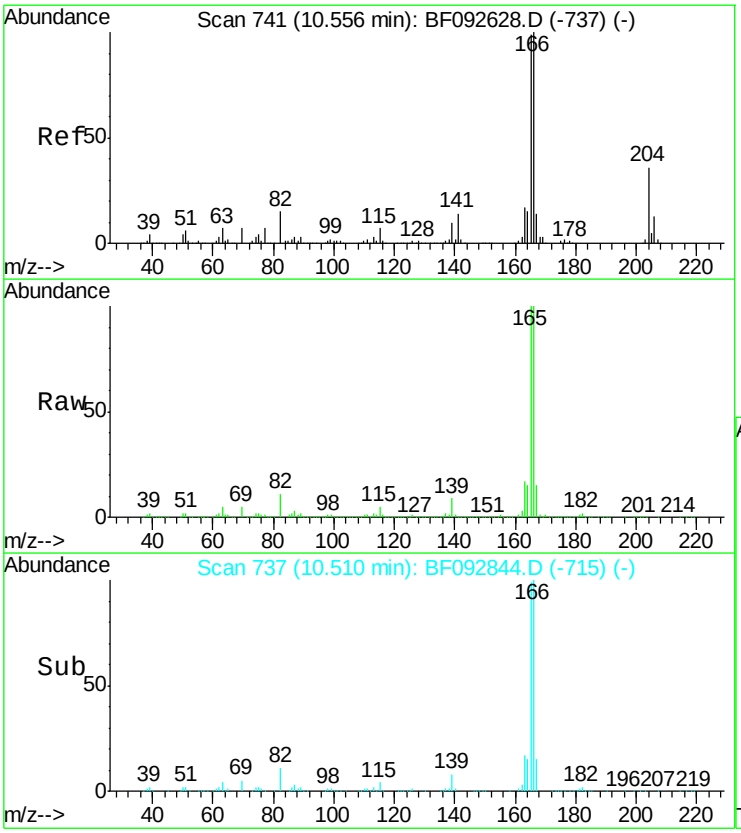
#55
4-Nitrophenol
Concen: 302.98 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:139 Resp: 1131055

Ion	Ratio	Lower	Upper
139	100		
109	1.0	52.2	92.2#
65	1.2	85.8	125.8#

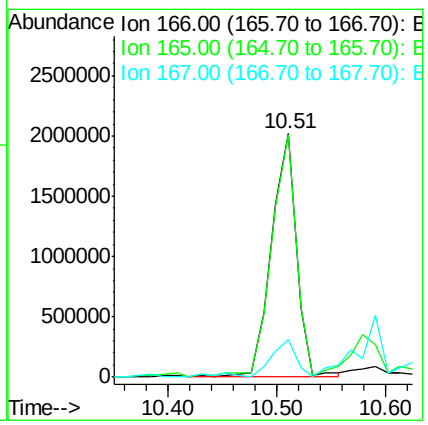


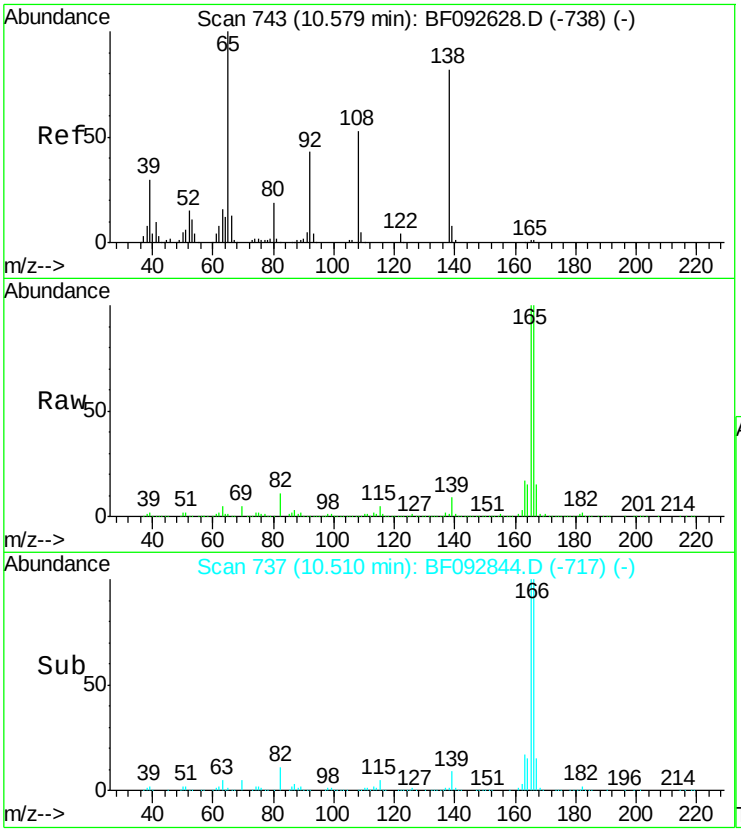


#57
Fluorene
Concen: 172.27 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:166 Resp: 3229229

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8
167	15.4	10.8	16.2



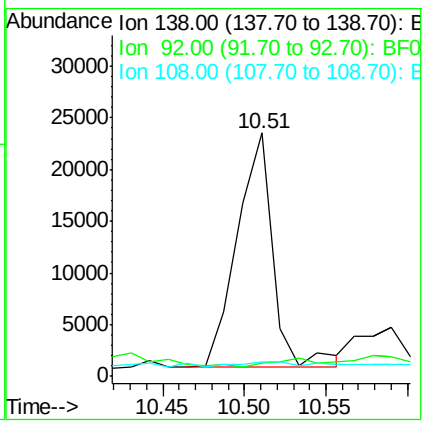


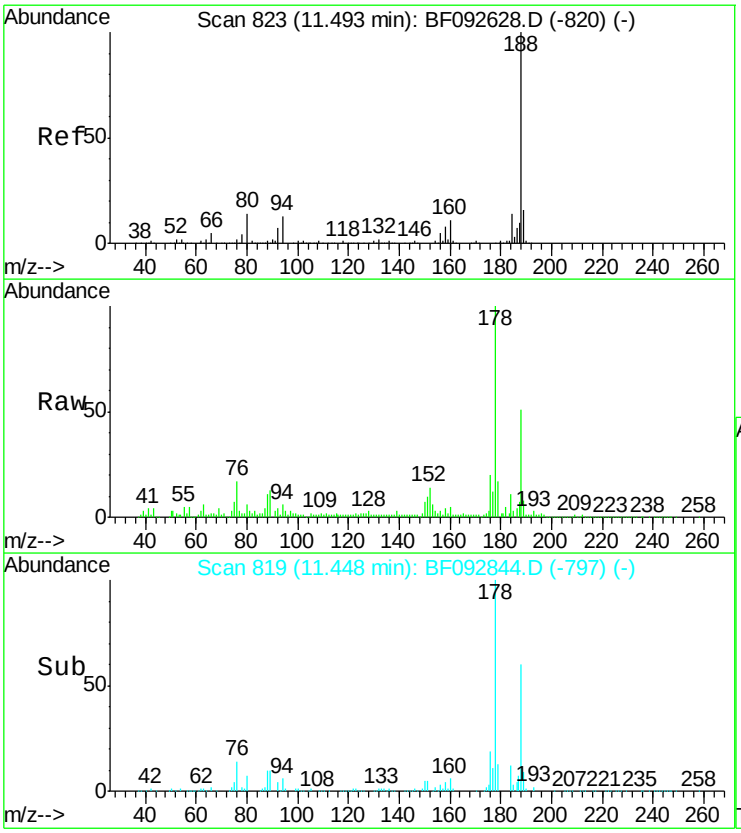
#61
4-Nitroaniline
Concen: 6.54 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.07 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:138 Resp: 34707

Ion	Ratio	Lower	Upper
138	100		
92	5.4	31.7	71.7#
108	6.0	52.6	92.6#

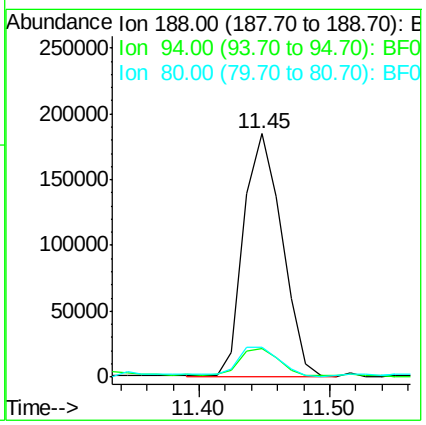


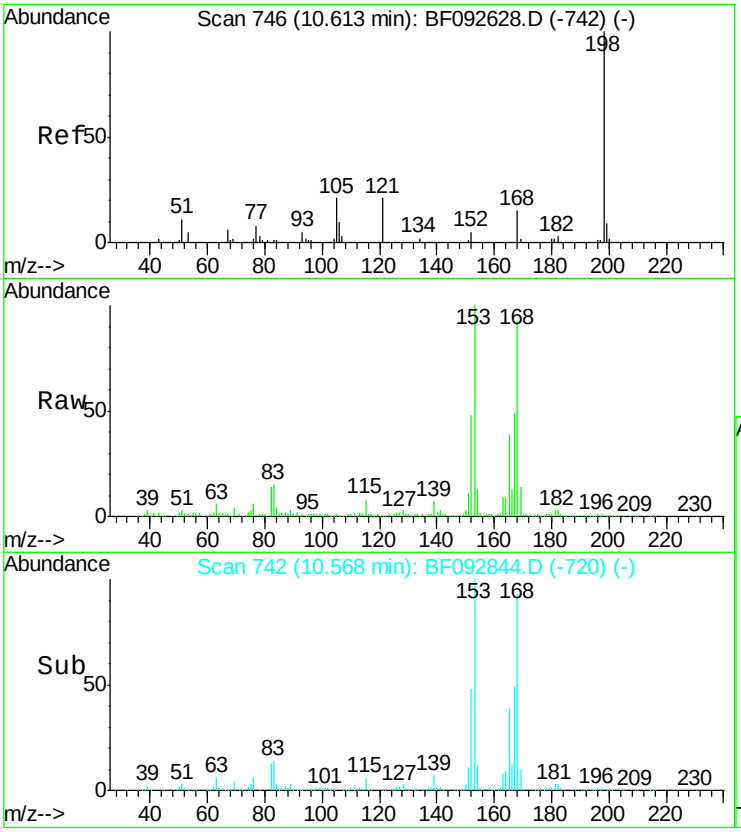


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:188 Resp: 377149

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	12.2	11.2	16.8



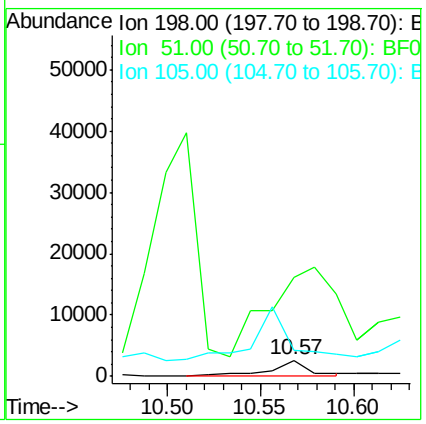


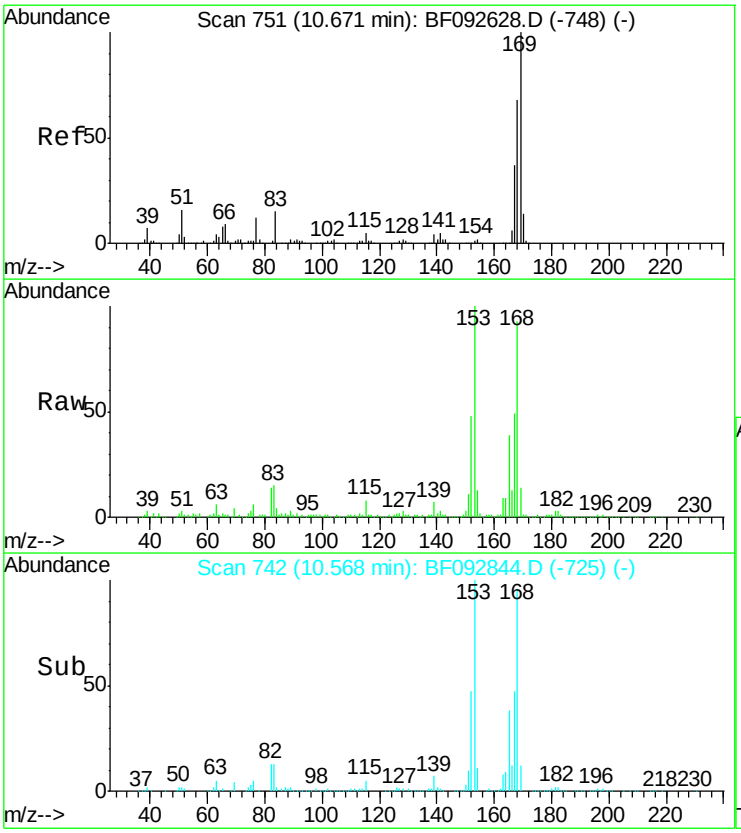
#64
4,6-Dinitro-2-methylphenol
Concen: 4.33 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:198 Resp: 4042

Ion	Ratio	Lower	Upper
198	100		
51	620.1	6.7	46.7#
105	160.1	16.6	56.6#

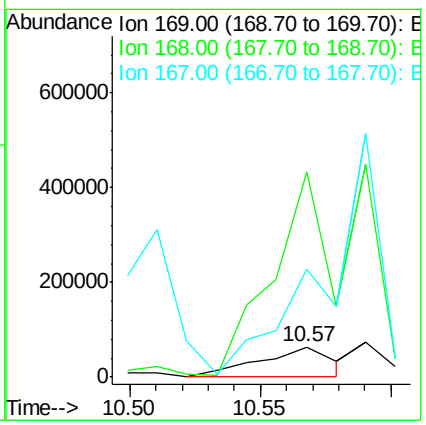


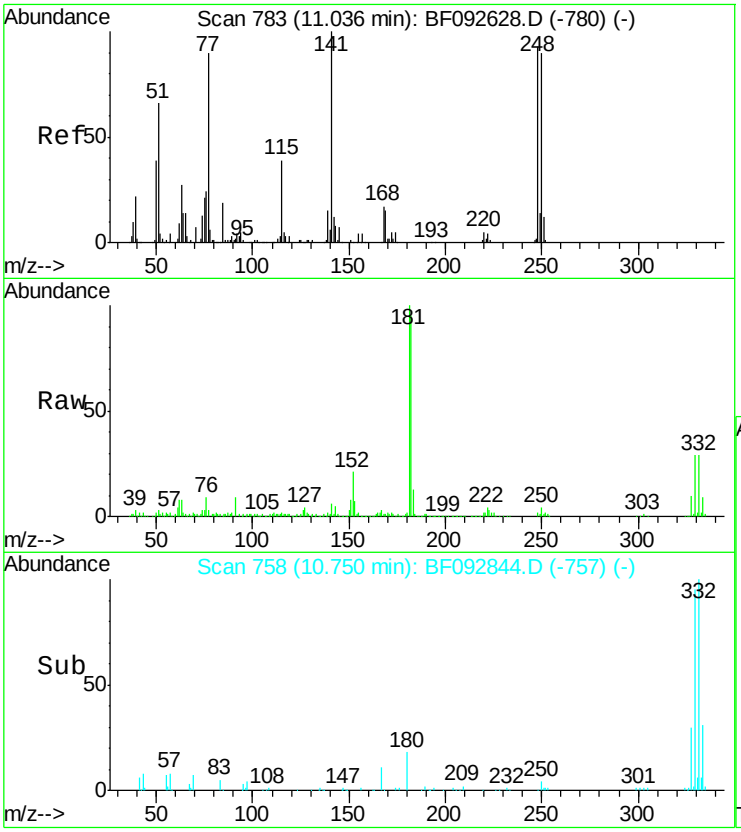


#65
n-Nitrosodiphenylamine
Concen: 9.85 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.10 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:169 Resp: 118658

Ion	Ratio	Lower	Upper
169	100		
168	680.7	54.2	81.2#
167	357.6	30.2	45.4#



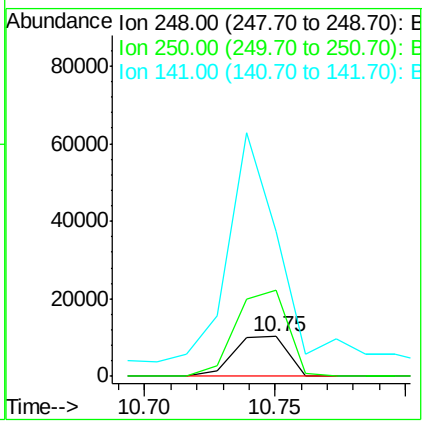


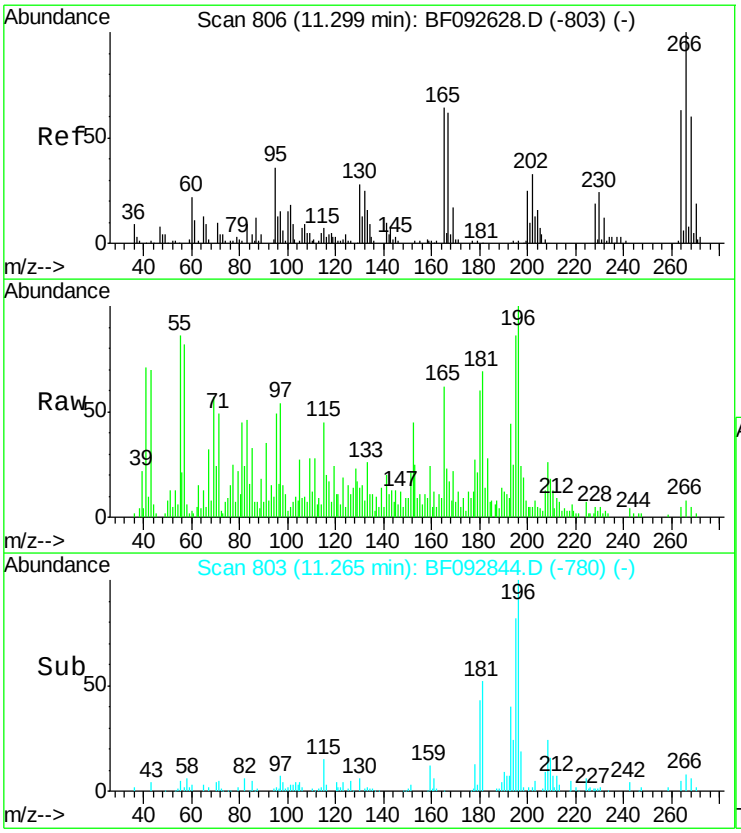
#66
4-Bromophenyl-phenylether
Concen: 3.74 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:248 Resp: 14754

Ion	Ratio	Lower	Upper
248	100		
250	218.9	76.9	115.3#
141	366.8	68.2	102.4#

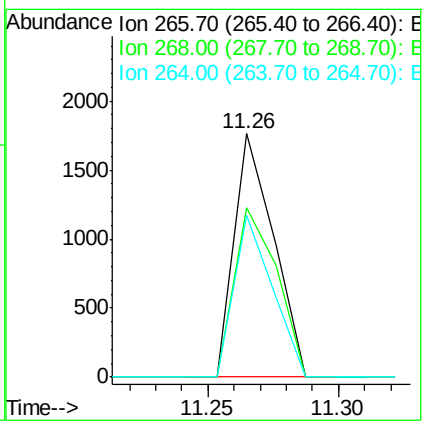


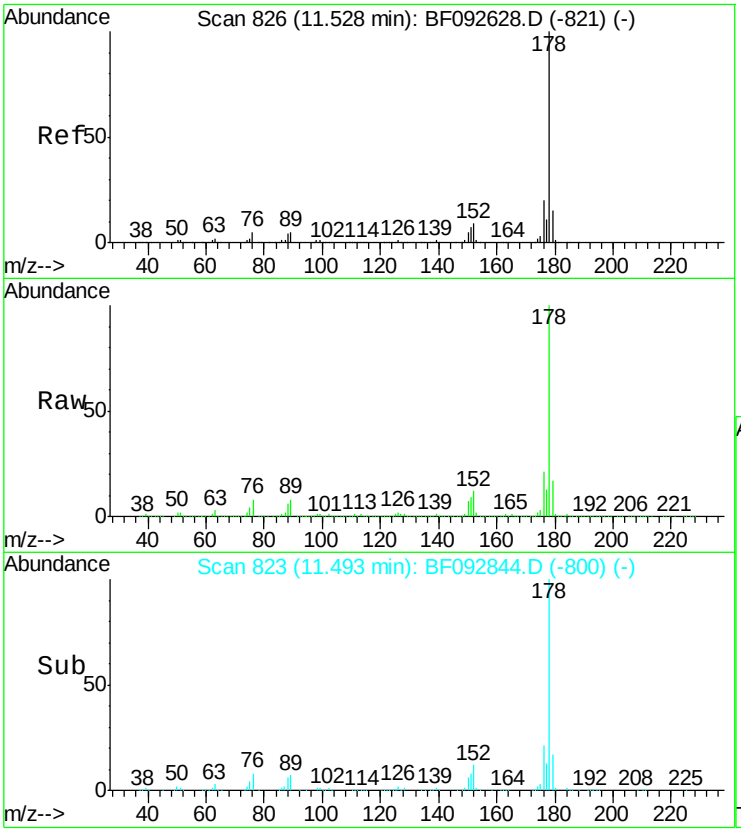


#69
Pentachlorophenol
Concen: 8.05 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:266 Resp: 1869

Ion	Ratio	Lower	Upper
266	100		
268	69.5	53.3	79.9
264	66.6	50.3	75.5



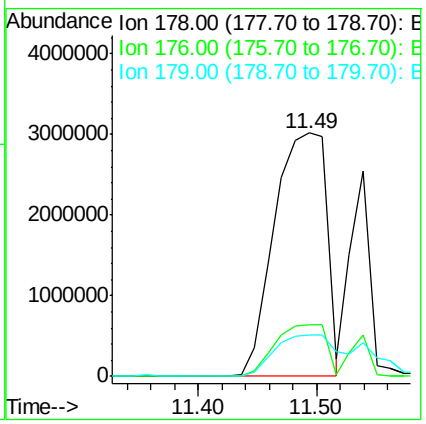


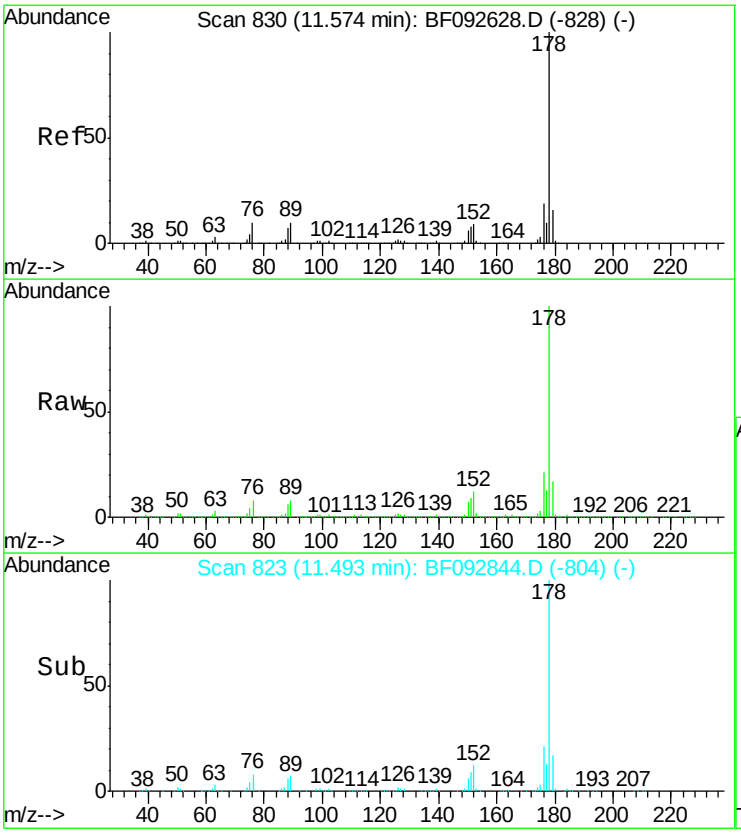
#70
Phenanthrene
Concen: 424.36 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:178 Resp: 9169447

Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	25.0
179	17.1	12.8	19.2

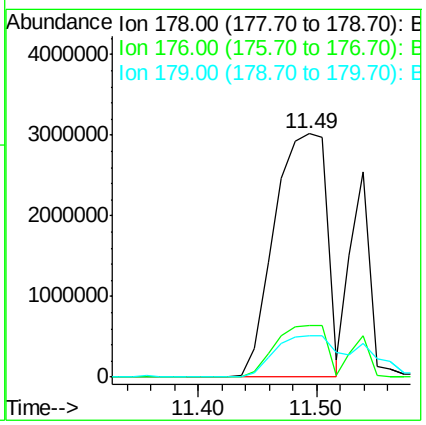


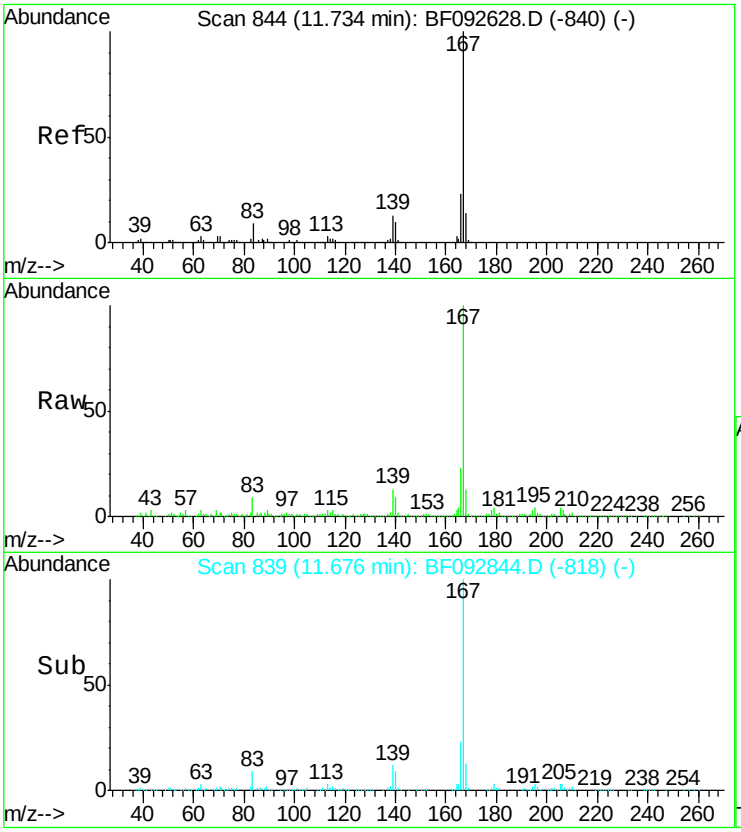


#71
Anthracene
Concen: 422.58 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.08 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:178 Resp: 9169447

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.9	23.9
179	17.1	13.2	19.8



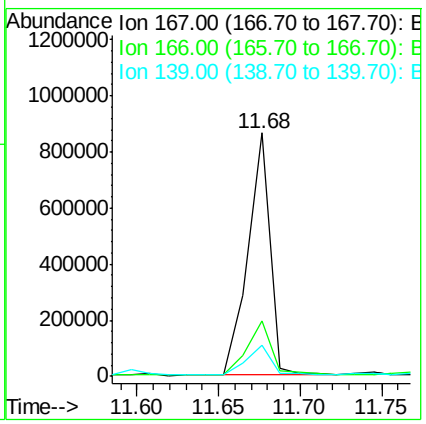


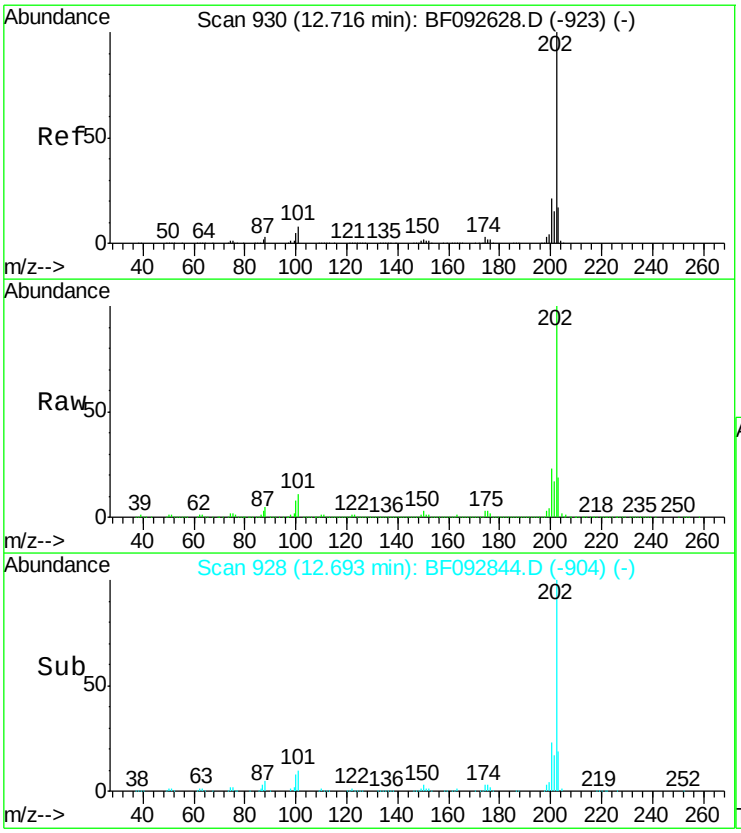
#72
Carbazole
Concen: 39.43 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:167 Resp: 817892

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.2
139	12.6	11.4	17.2

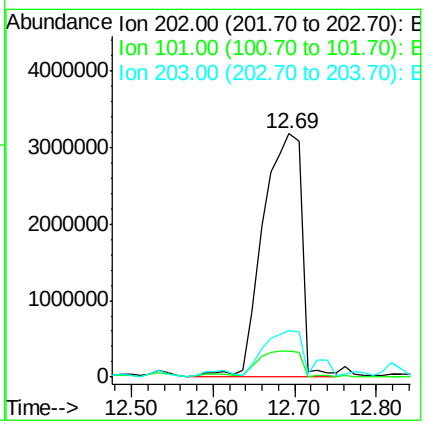


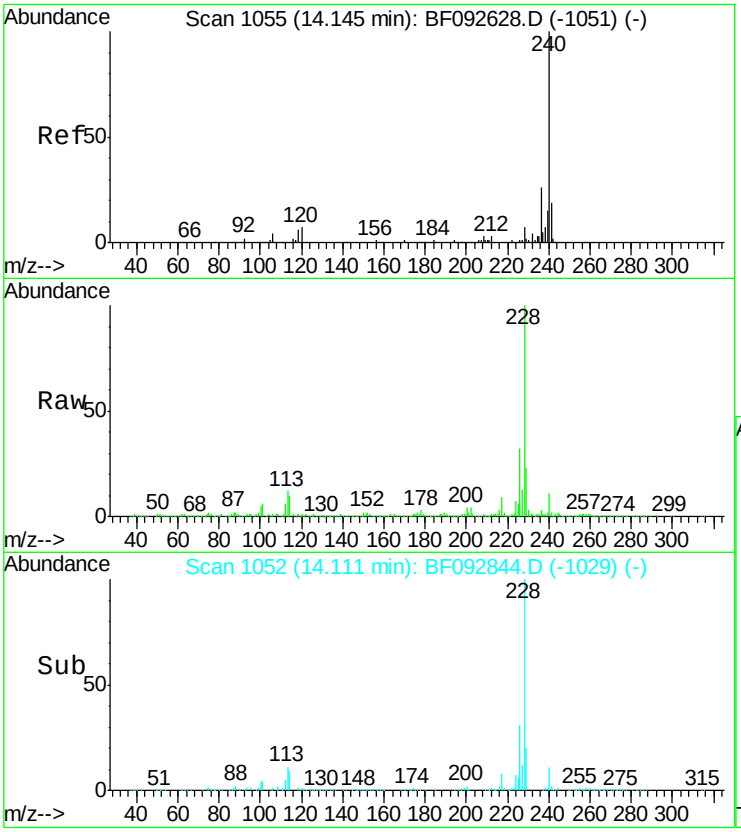


#74
Fluoranthene
Concen: 463.91 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:202 Resp:10339503

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.6
203	19.1	0.0	38.7



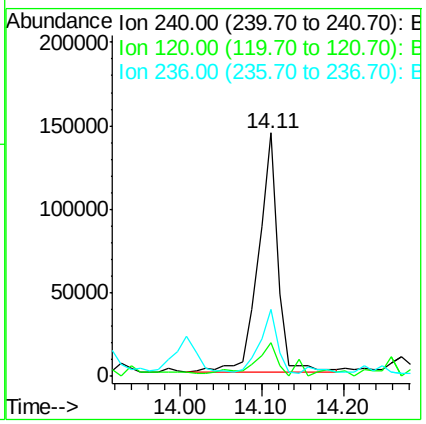


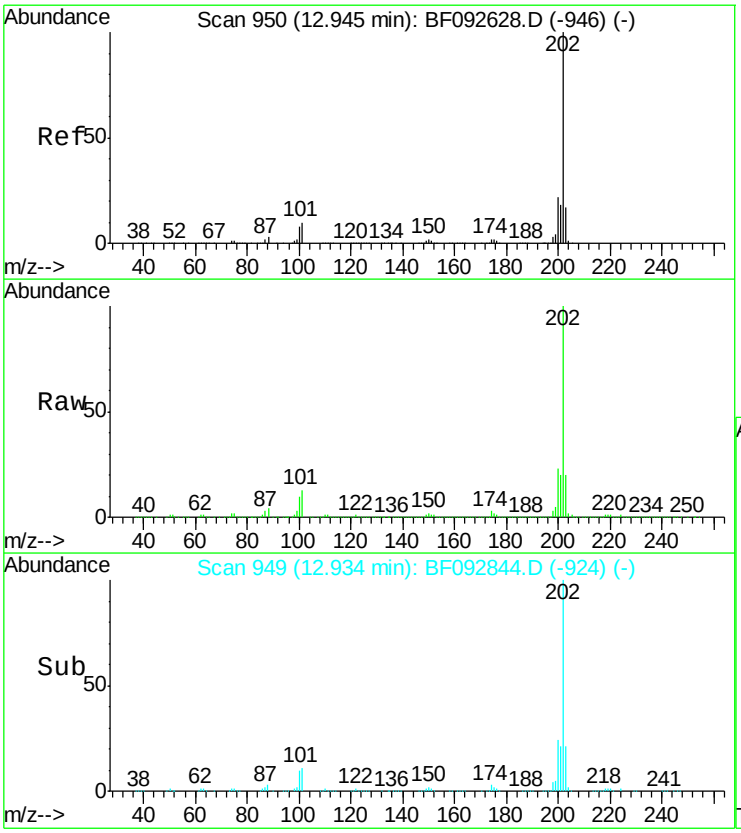
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:240 Resp: 241923

Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.9	19.3
236	27.5	20.9	31.3

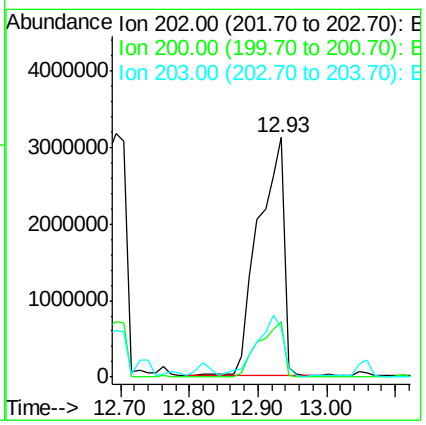


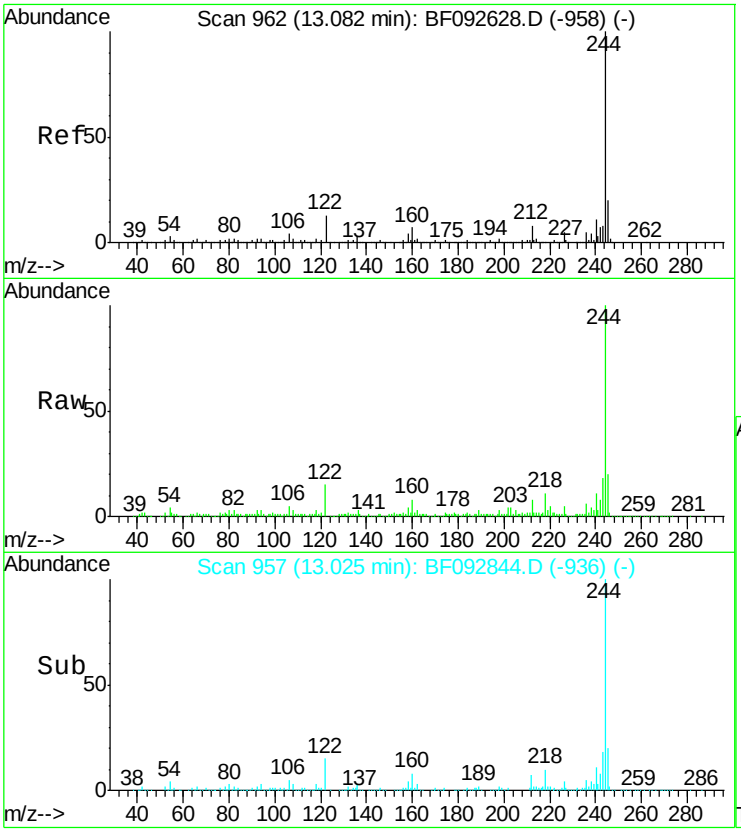


#77
Pyrene
Concen: 446.51 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:202 Resp: 8083887

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.7	26.5
203	20.3	14.7	22.1



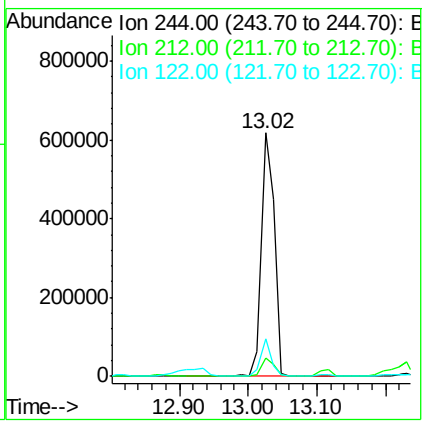


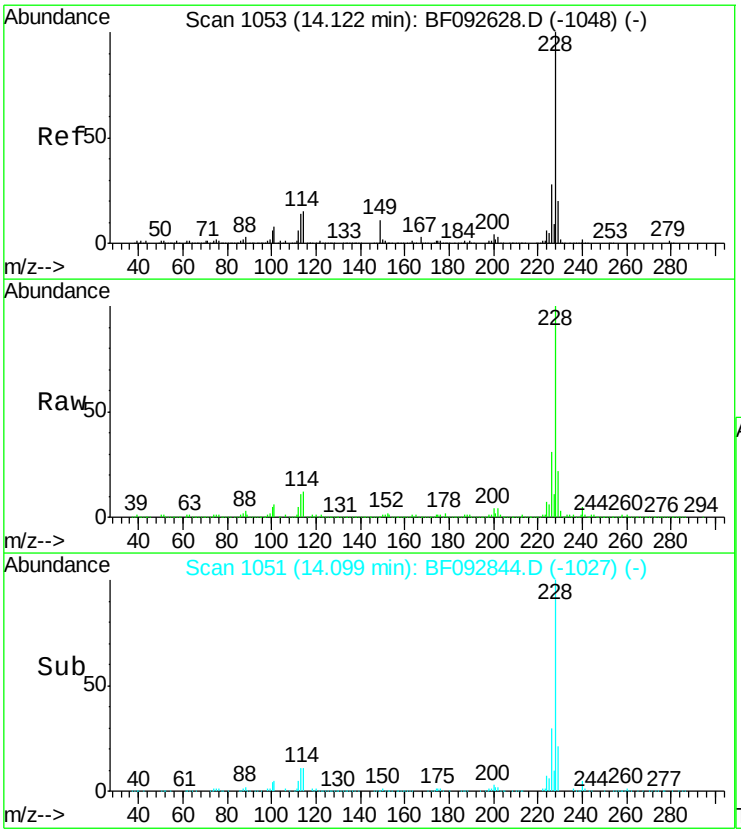
#78
Terphenyl-d14
Concen: 77.09 ng
RT: 13.02 min Scan# 957
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:244 Resp: 793716

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	15.3	11.4	17.2

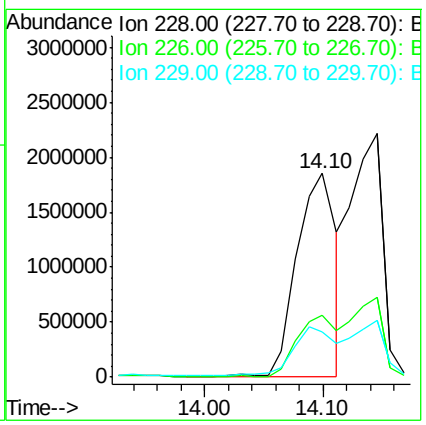


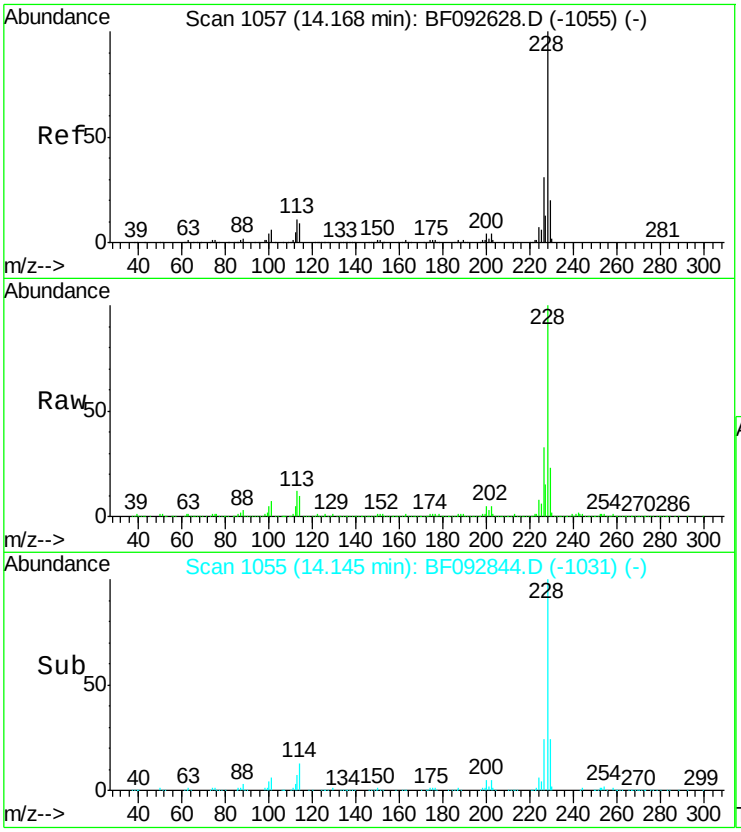


#80
Benzo(a)anthracene
Concen: 284.90 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:228 Resp: 4215515

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.4	33.6
229	22.4	16.2	24.4



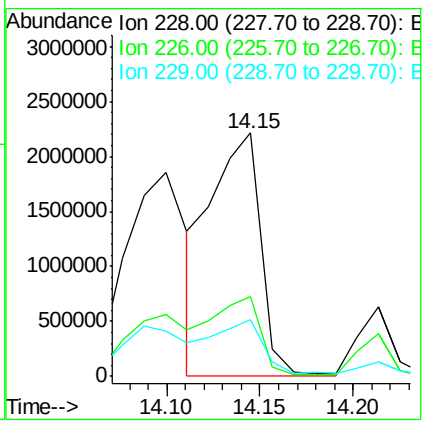


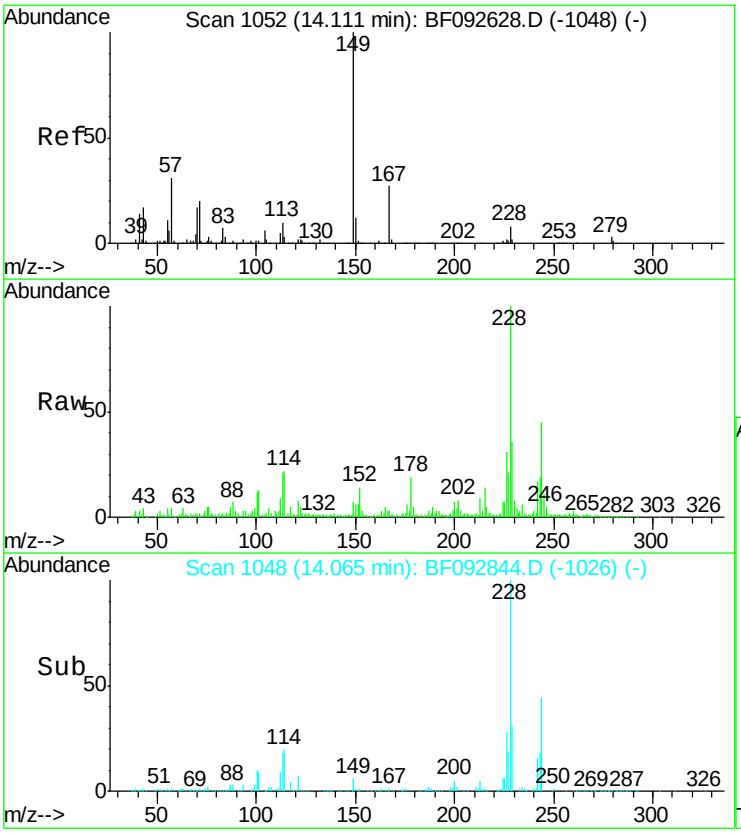
#82
Chrysene
Concen: 297.75 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:228 Resp: 4124919

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.4	38.0
229	23.0	16.2	24.2

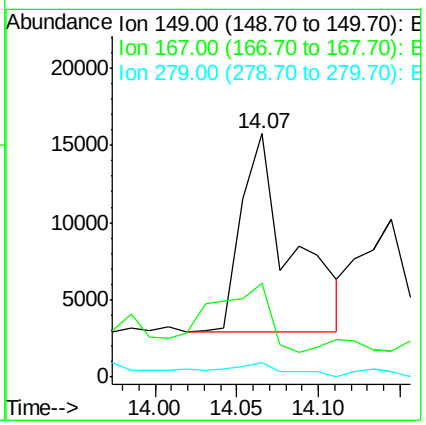


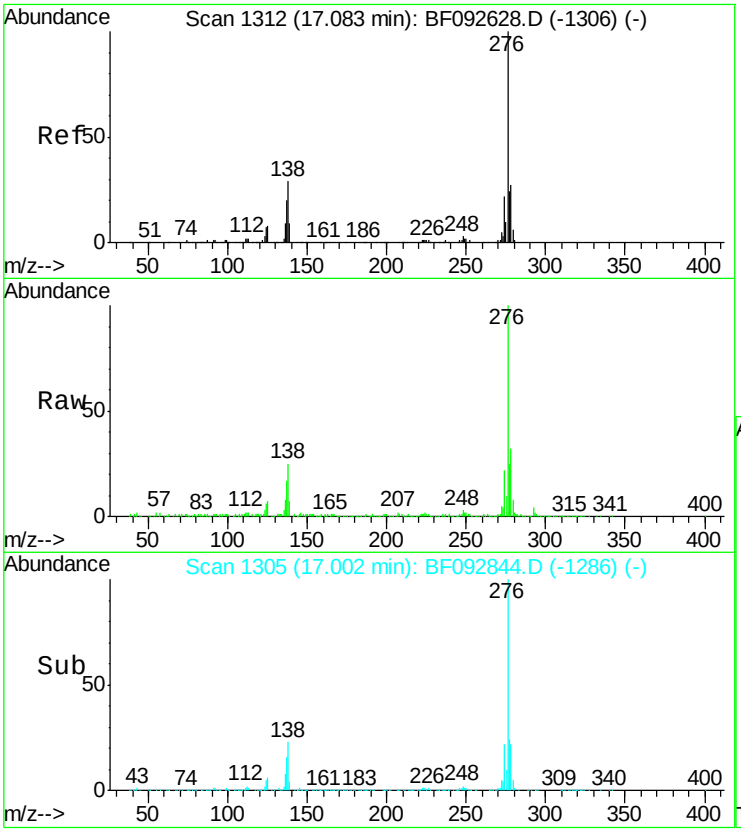


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.69 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:149 Resp: 27086

Ion	Ratio	Lower	Upper
149	100		
167	38.6	20.2	30.4#
279	5.8	1.8	2.8#



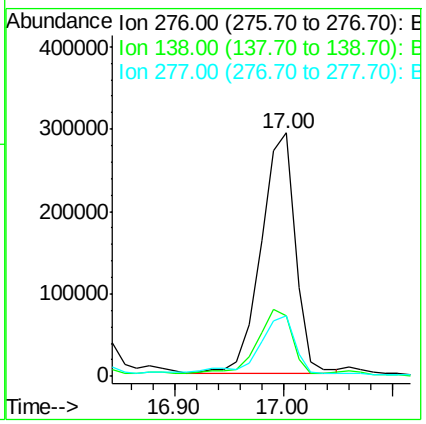


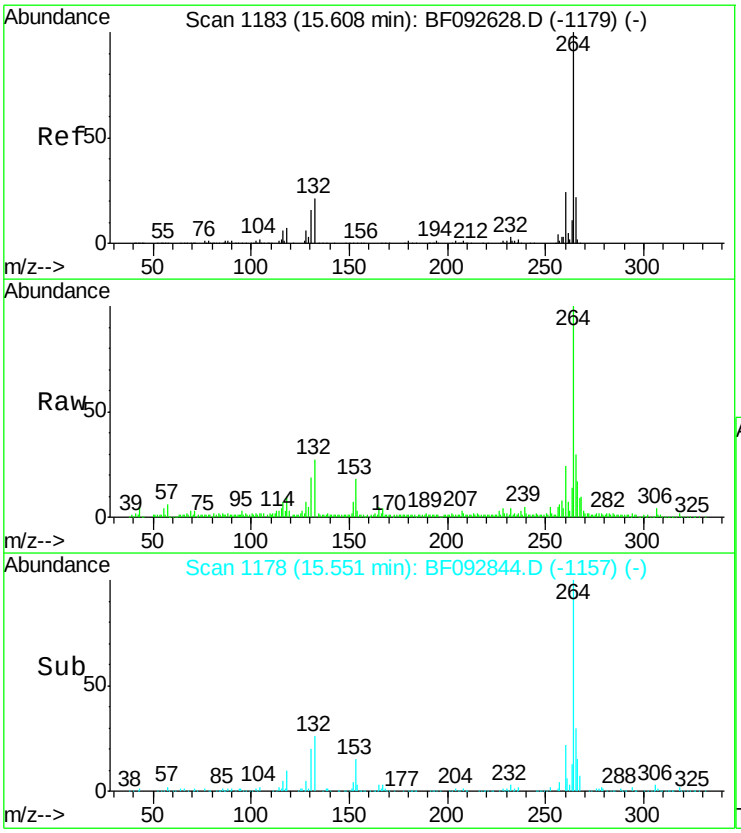
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.32 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.08 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:276 Resp: 636595

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.6
277	27.6	20.2	30.4

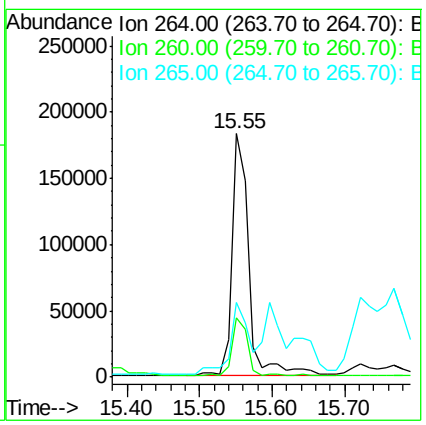


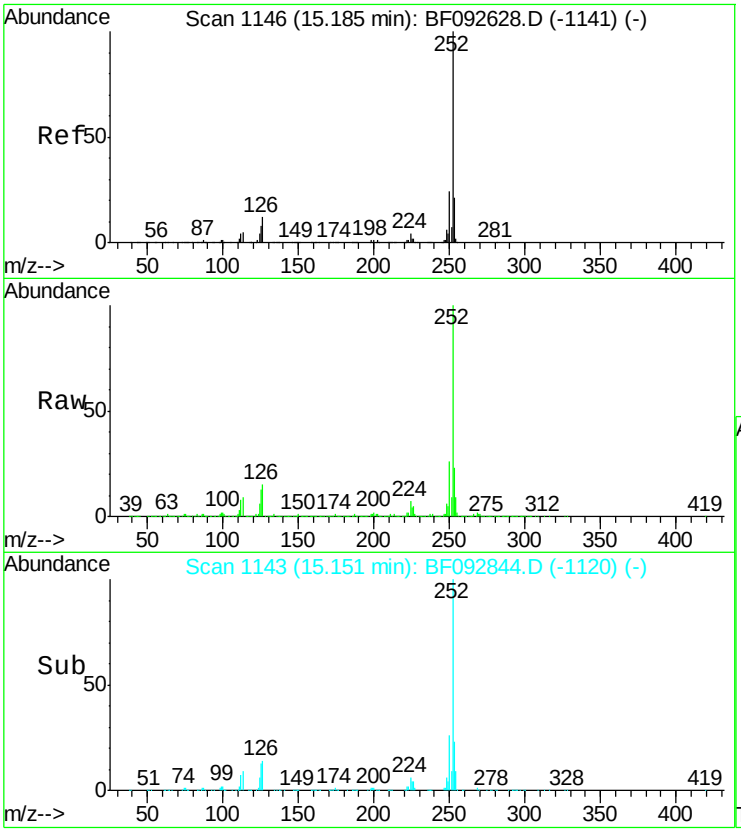


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:264 Resp: 294051

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	30.4	17.4	26.0#



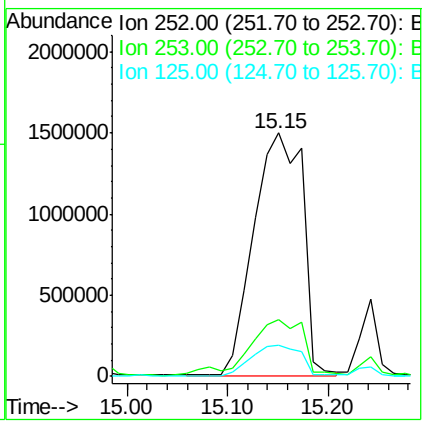


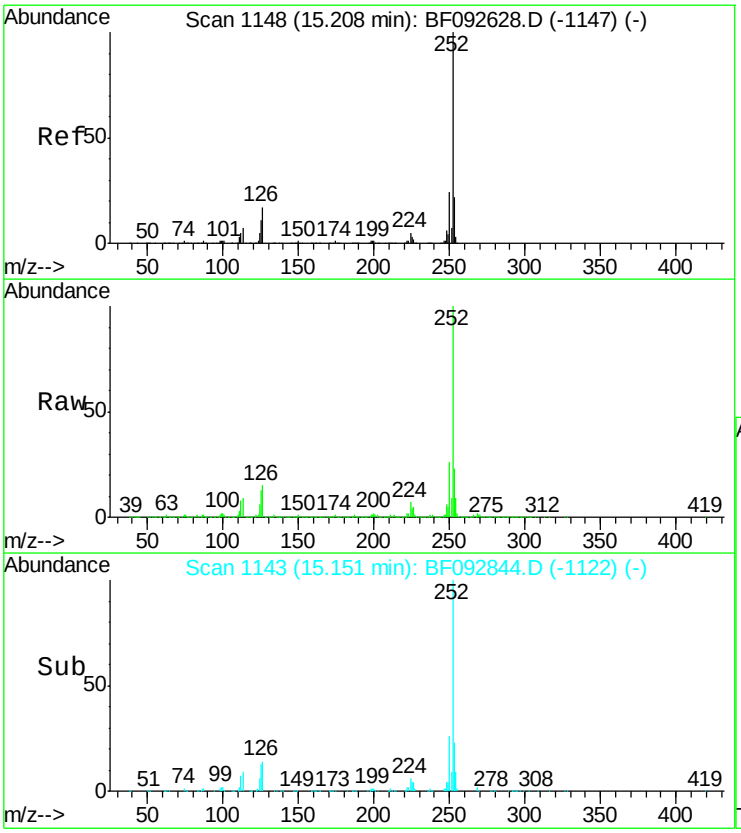
#87
Benzo(b)fluoranthene
Concen: 259.75 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:252 Resp: 5027363

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.9	9.8	14.6

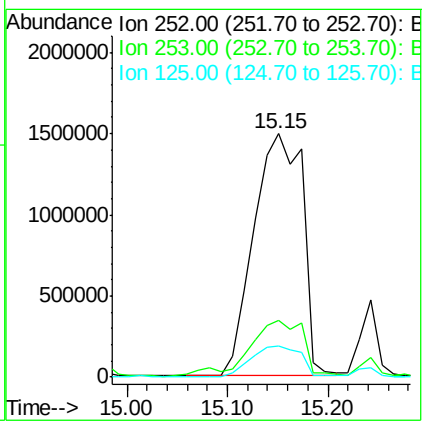


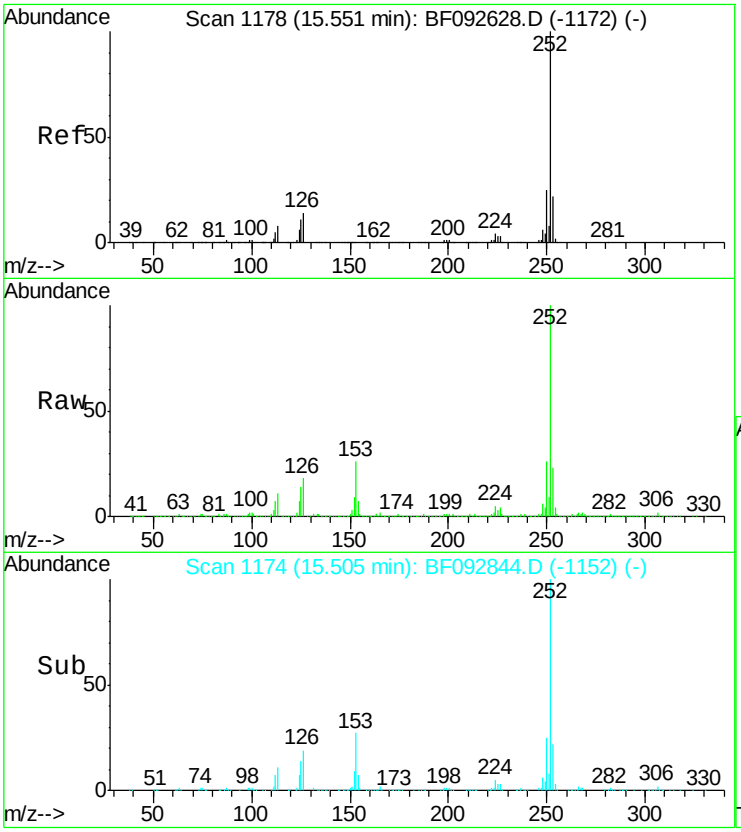


#88
Benzo(k)fluoranthene
Concen: 299.92 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.06 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:252 Resp: 5011975

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	12.9	8.9	13.3



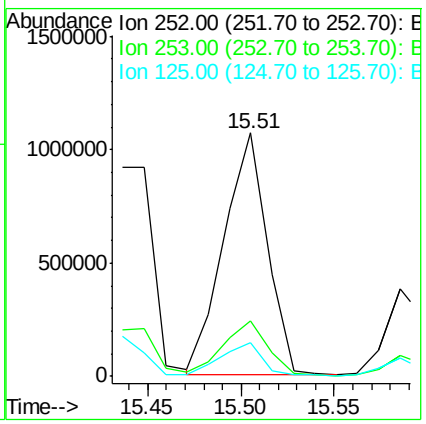


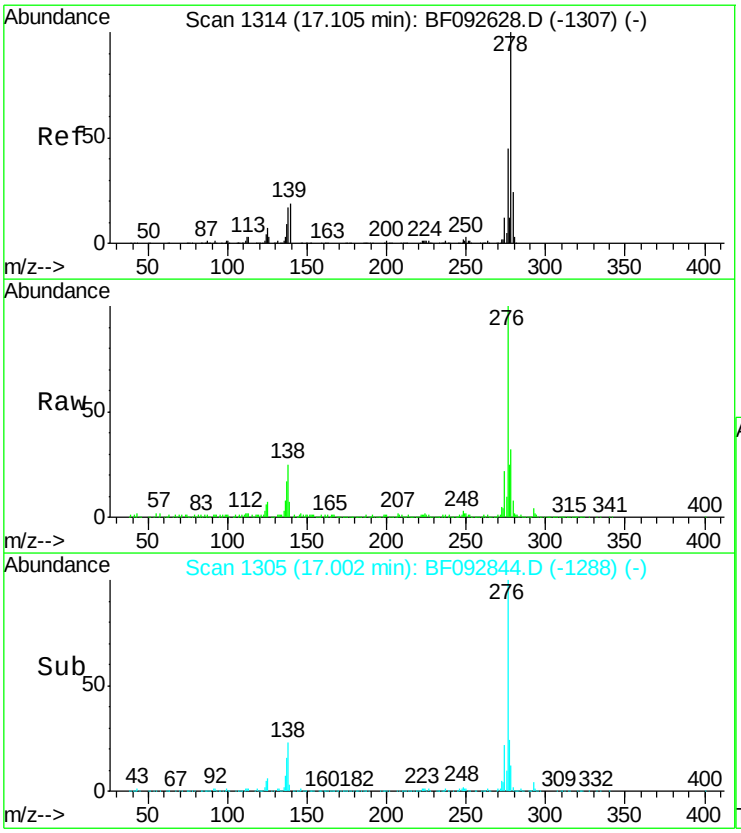
#89
Benzo(a)pyrene
Concen: 104.01 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:252 Resp: 1741335

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.9	10.0	15.0

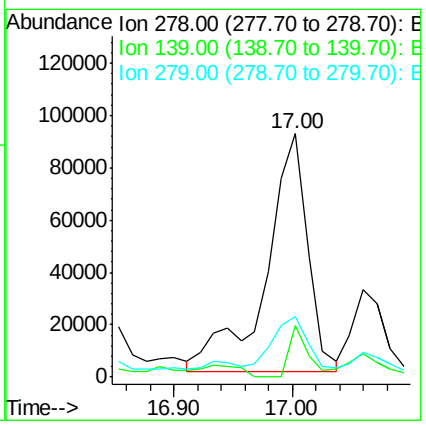


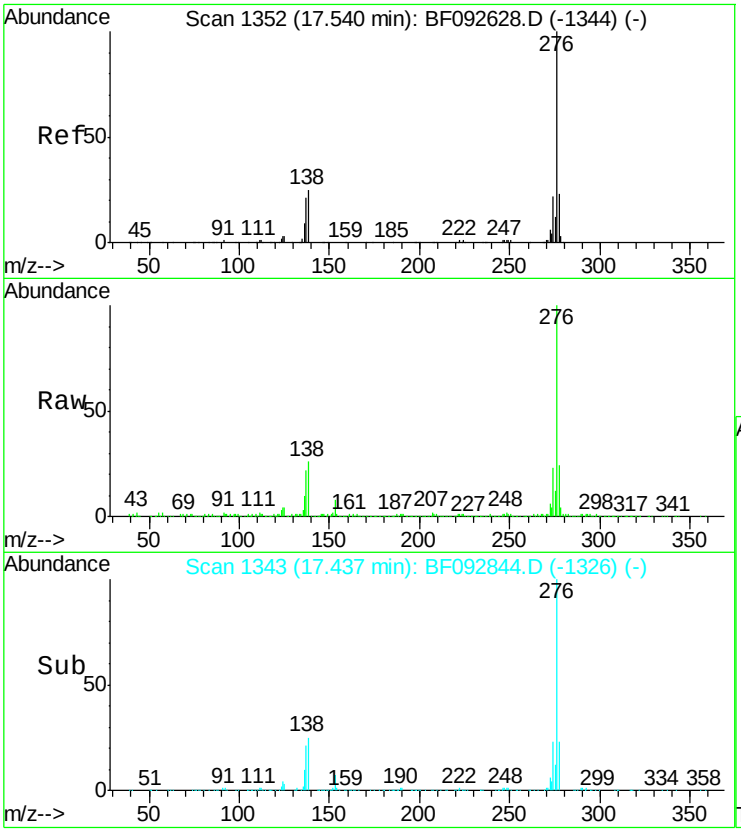


#90
Dibenzo(a,h)anthracene
Concen: 16.44 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.10 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Tgt Ion:278 Resp: 222391

Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	24.8	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 34.65 ng
RT: 17.44 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BF092844.D
Acq: 7 Feb 2017 22:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:276 Resp: 473605

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	25.8	16.0	24.0#