Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083967.D
Acq On : 19 Dec 2015 21:07
Operator : UM/SJ
Sample : G4869-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-05

Quant Time: Dec 21 00:59:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	78702	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	271972	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	143393	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	268023	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	192065	20.00	ng		-0.02
86) Perylene-d12	15.44	264	159336	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	550753	109.52	ng		-0.01
7) Phenol-d6	6.50	99	660130	107.24	ng		-0.01
23) Nitrobenzene-d5	7.41	82	426229	89.44	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	199021	125.99	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	714900	67.80	ng		-0.03
78) Terphenyl-d14	12.96	244	657278	79.61	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	59637	16.62	ng	#	76
25) Isophorone	7.41	82	321592	35.87	ng	#	66
31) Naphthalene	8.16	128	15304	Below Cal			100
45) 1,1'-Biphenyl	9.31	154	1767	Below Cal			84
49) Dimethylphthalate	9.61	163	189891	15.78	ng	#	90
55) 4-Nitrophenol	10.09	139	7378	4.27	ng	#	10
56) 2,4-Dinitrotoluene	9.88	165	18623	5.54	ng	#	20
57) Fluorene	10.43	166	27831	Below Cal			99
64) 4,6-Dinitro-2-methylphenol	10.67	198	300	4.10	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	12437	3.80	ng	#	1
70) Phenanthrene	11.39	178	316157	19.52	ng		99
71) Anthracene	11.44	178	96672	6.18	ng		97
72) Carbazole	11.60	167	31250	2.02	ng		99
74) Fluoranthene	12.58	202	378546	23.43	ng		98
77) Pyrene	12.81	202	294114	24.70	ng		100
80) Benzo(a)anthracene	14.00	228	157346	13.32	ng		99
82) Chrysene	14.00	228	157346	13.79	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	19557	2.29	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	38293	4.49	ng		94
87) Benzo(b)fluoranthene	15.03	252	148375	12.77	ng	#	96
88) Benzo(k)fluoranthene	15.03	252	148375	15.48	ng		98
89) Benzo(a)pyrene	15.38	252	74420	7.76	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	37245	5.09	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083967.D
Acq On : 19 Dec 2015 21:07
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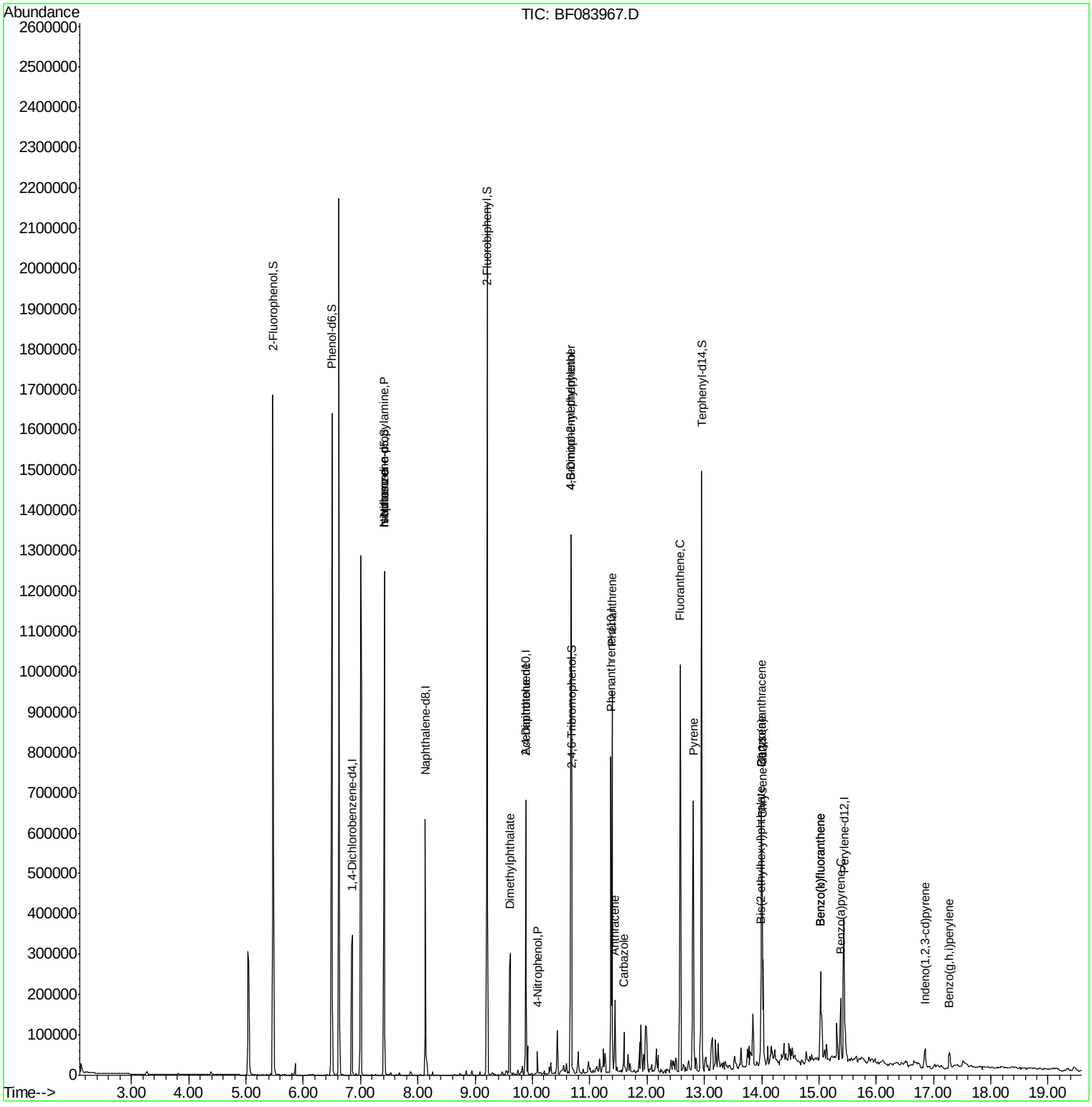
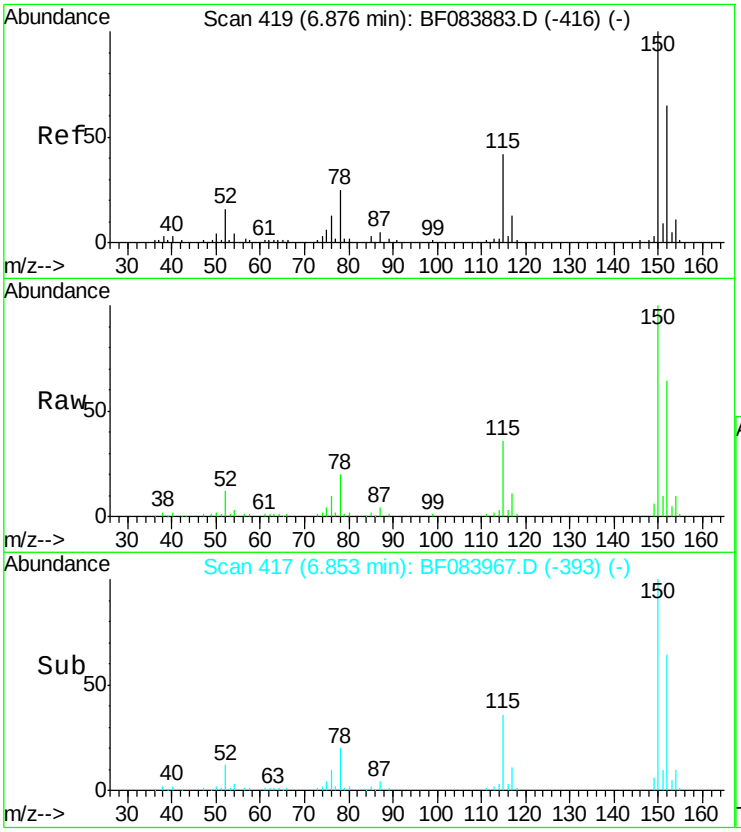
Sample : G4869-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Quant Time: Dec 21 00:59:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



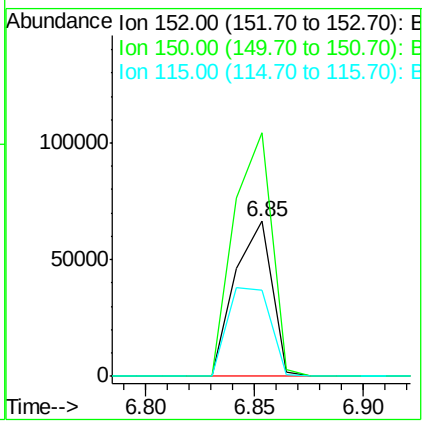


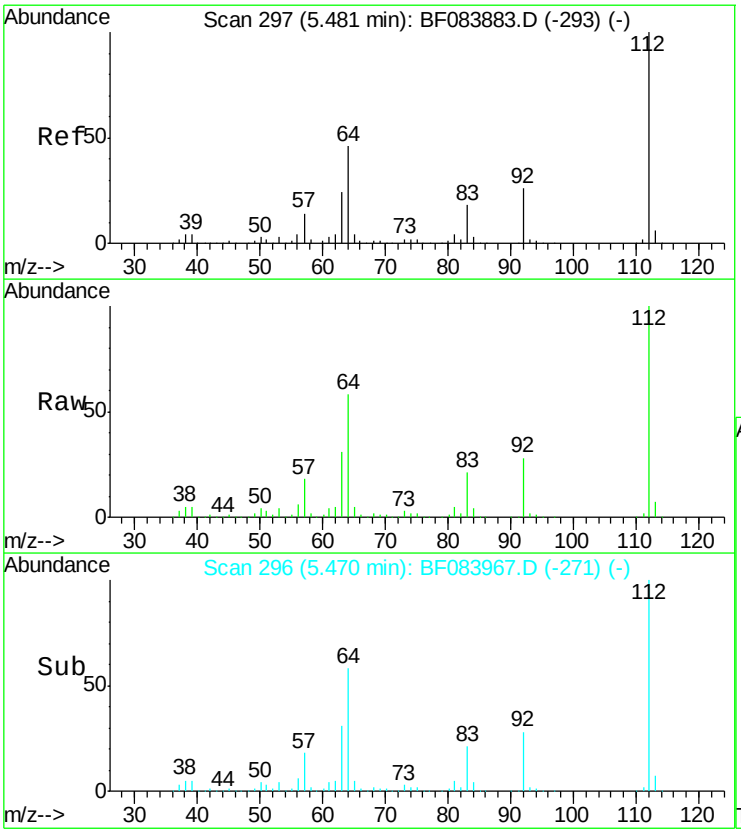
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:152 Resp: 78702

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.4
115	55.8	51.4	77.2

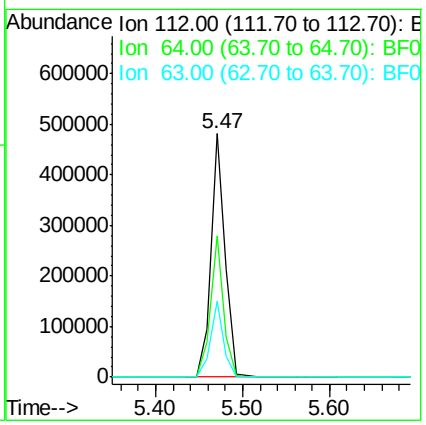


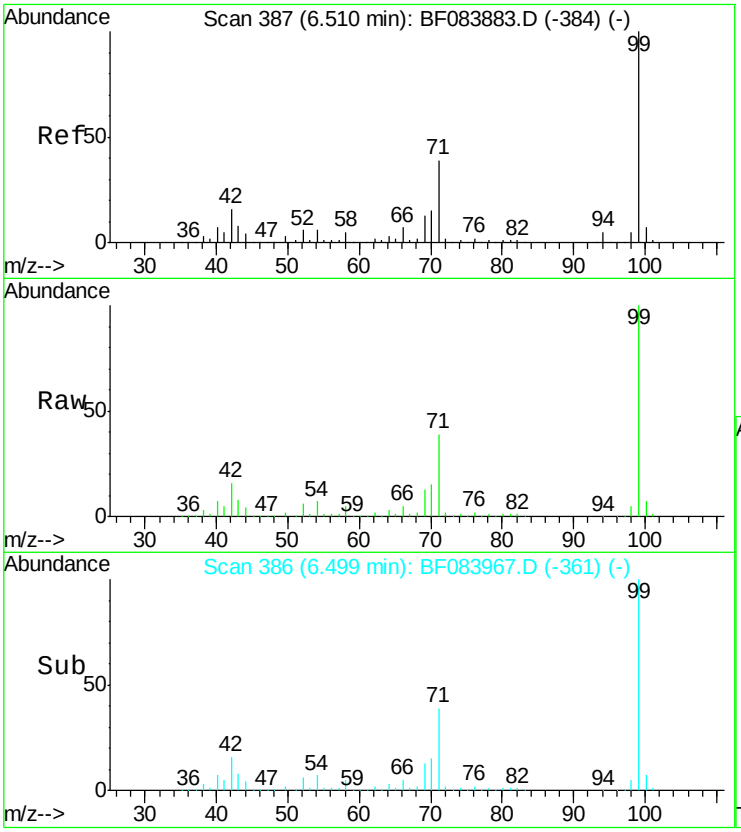


#5
2-Fluorophenol
Concen: 109.52 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:112 Resp: 550753

Ion	Ratio	Lower	Upper
112	100		
64	57.8	36.6	55.0#
63	31.1	19.4	29.0#



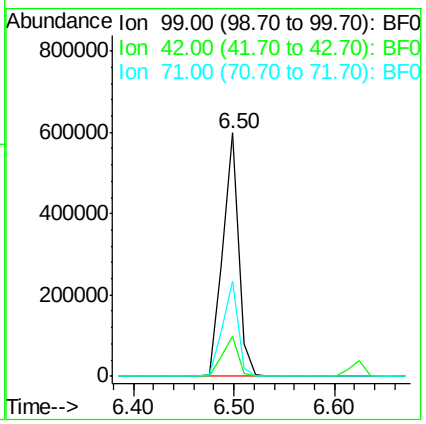


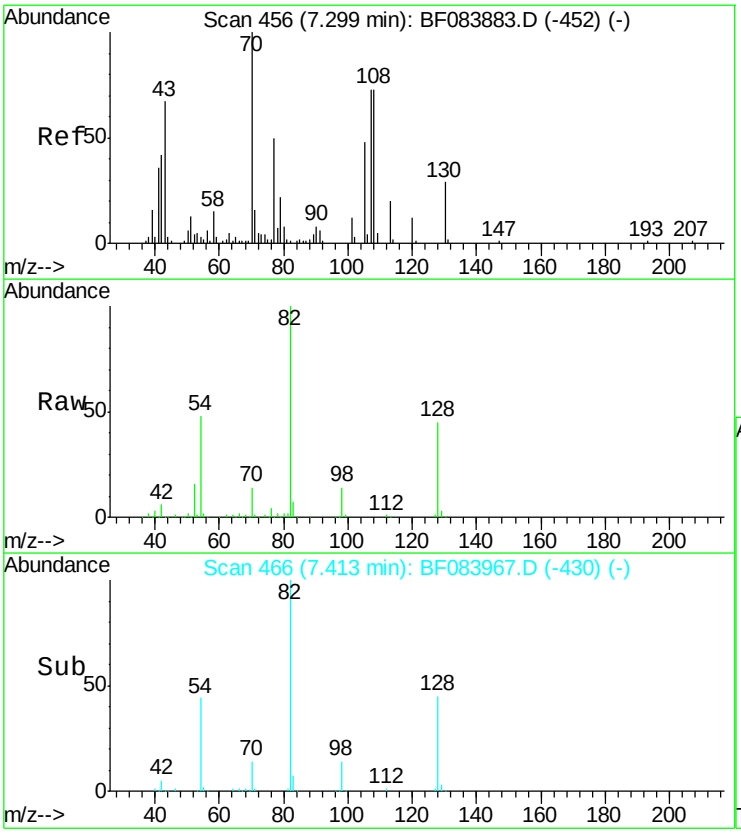
#7
Phenol-d6
Concen: 107.24 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion: 99 Resp: 660130

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.8	19.2
71	39.3	30.9	46.3

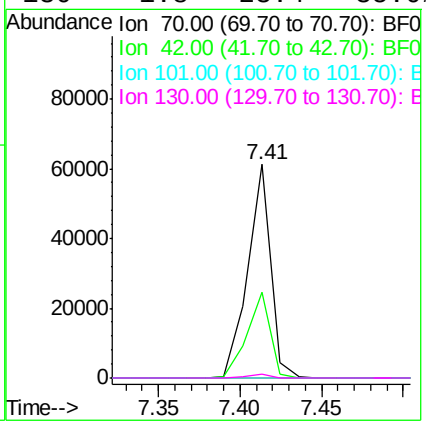


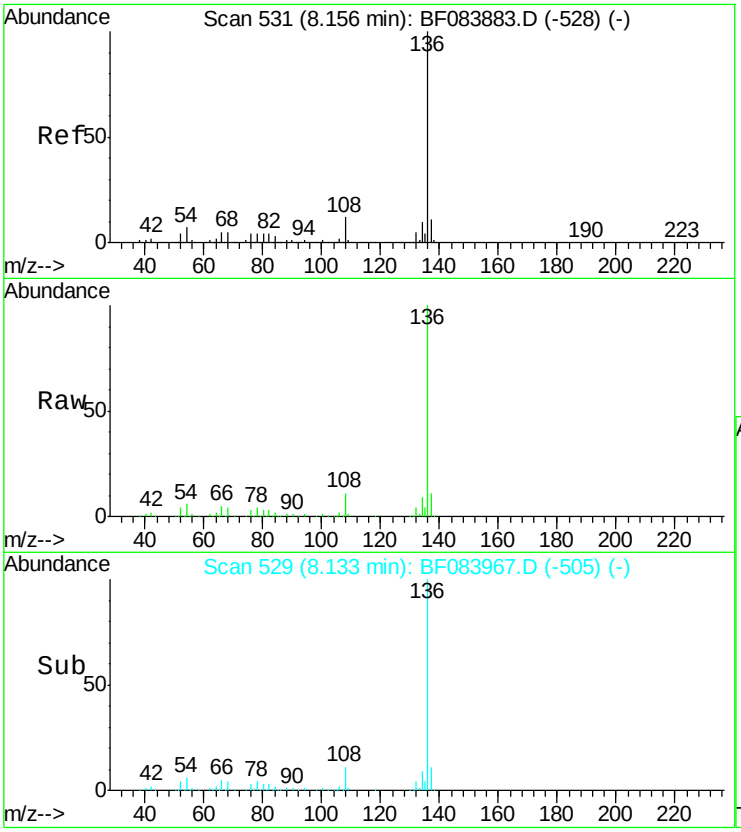


#19
n-Nitroso-di-n-propylamine
Concen: 16.62 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion: 70 Resp: 59637

Ion	Ratio	Lower	Upper
70	100		
42	39.9	33.3	49.9
101	0.0	9.3	13.9#
130	1.8	23.4	35.0#



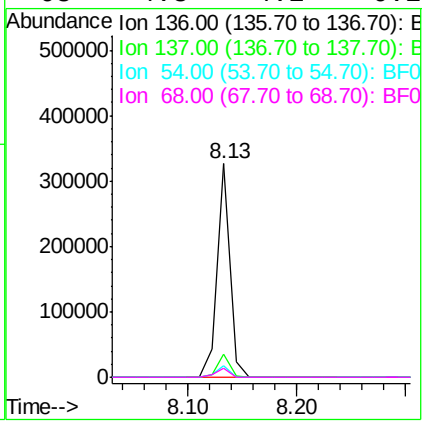


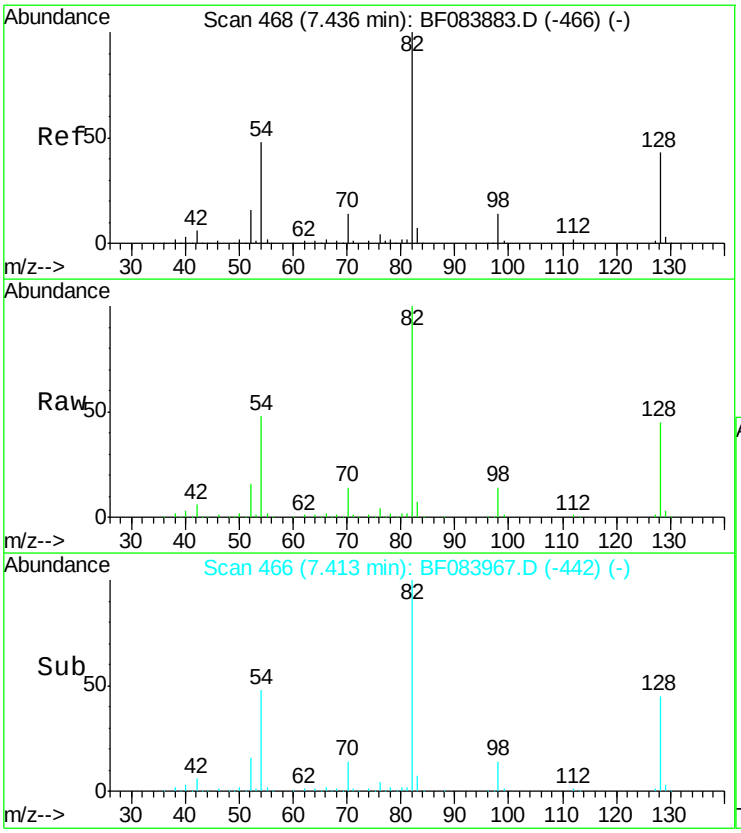
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:136 Resp: 271972

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.7	5.8	8.8#
68	4.3	4.2	6.2

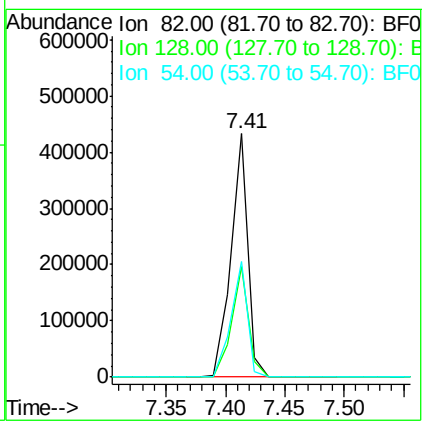


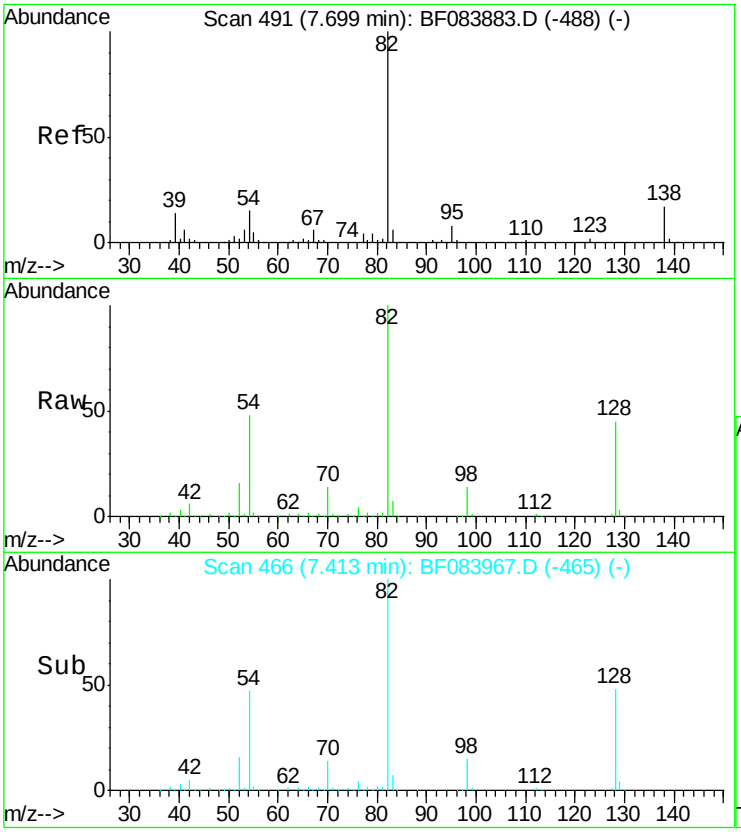


#23
Nitrobenzene-d5
Concen: 89.44 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion: 82 Resp: 426229

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	47.5	38.4	57.6



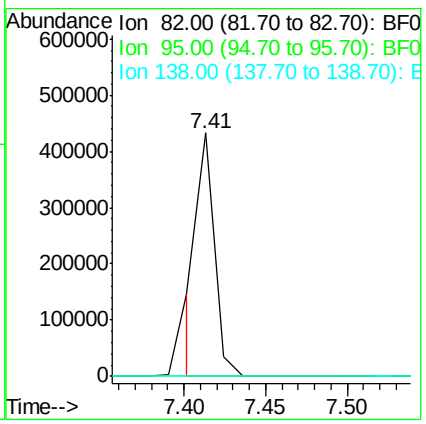


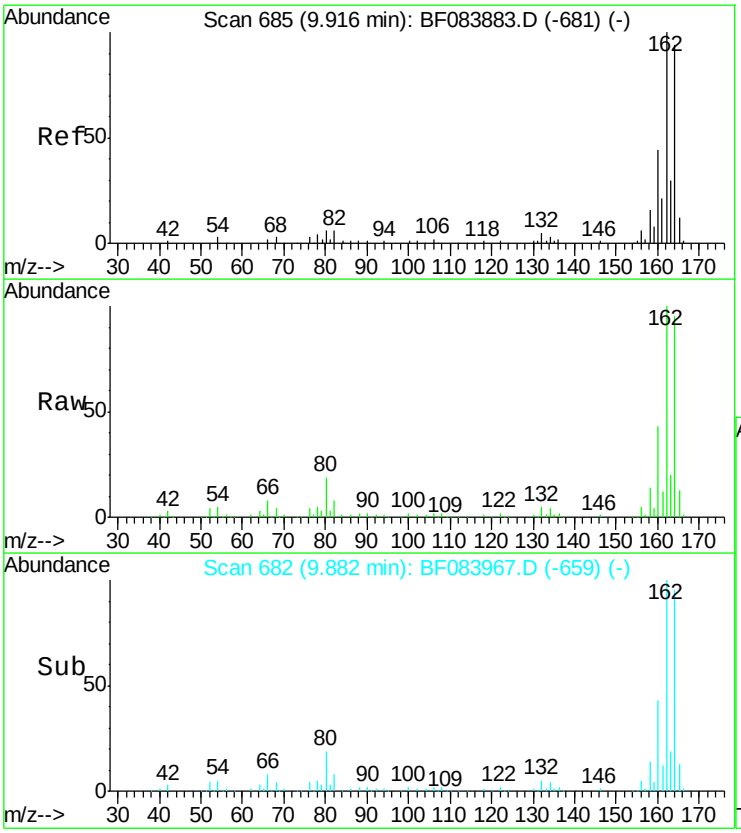
#25
Isophorone
Concen: 35.87 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.29 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion: 82 Resp: 321592

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

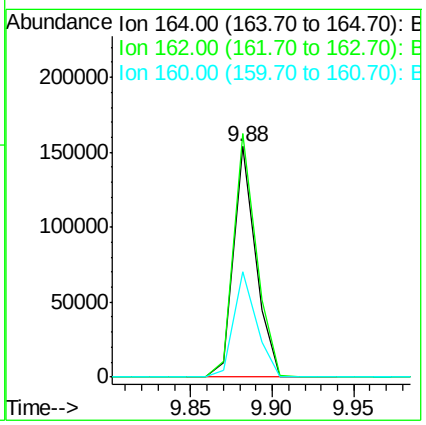


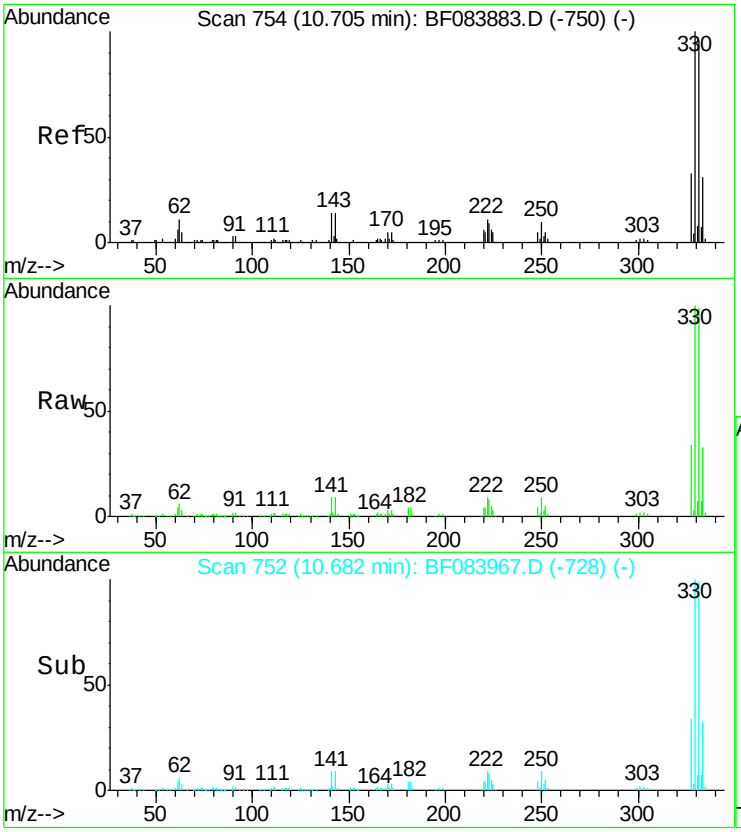


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:164 Resp: 143393

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	45.6	37.5	56.3



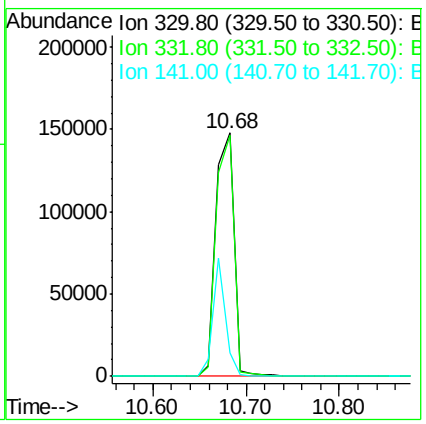


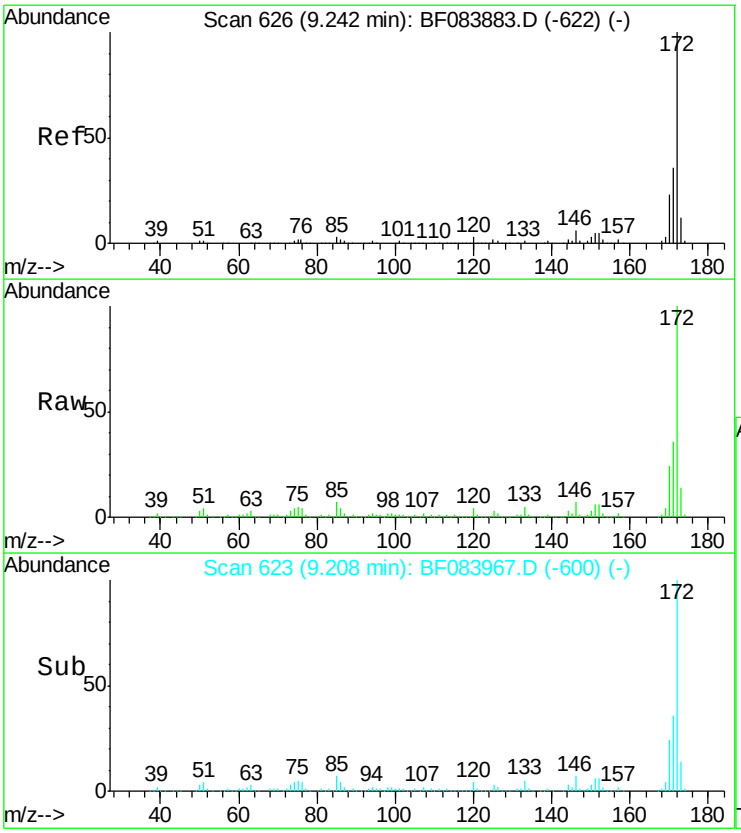
#41
2,4,6-Tribromophenol
Concen: 125.99 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:330 Resp: 199021

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	34.0	27.8	41.6

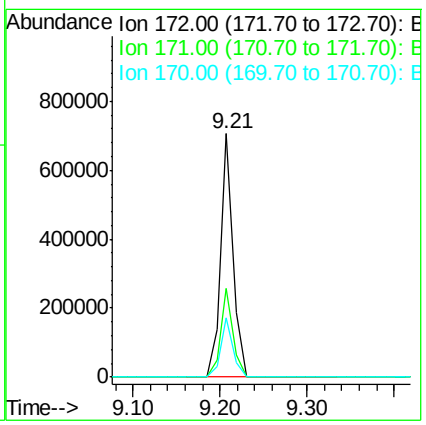


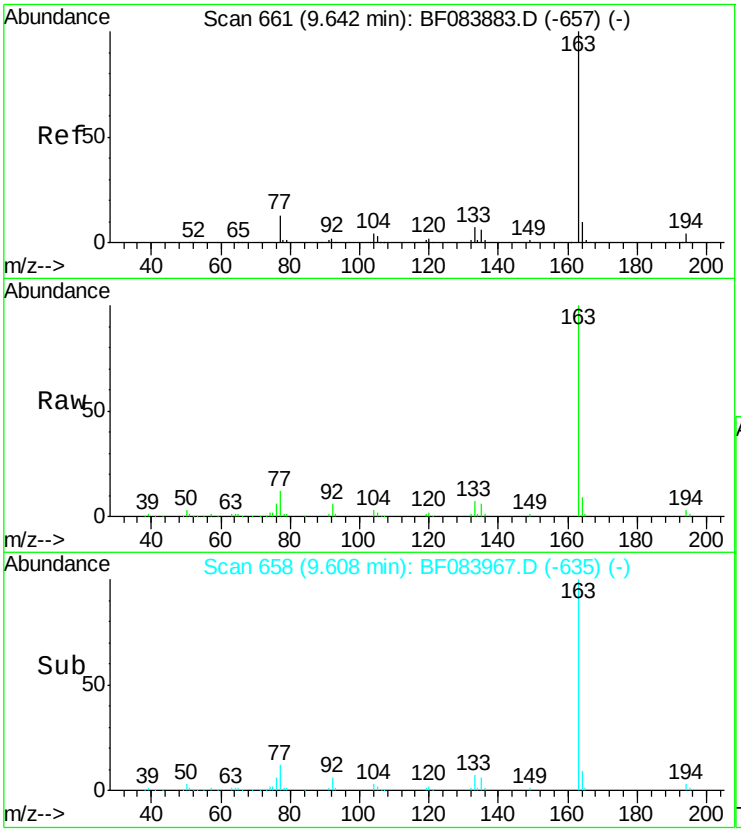


#44
2-Fluorobiphenyl
Concen: 67.80 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:172 Resp: 714900

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.1	18.6	27.8



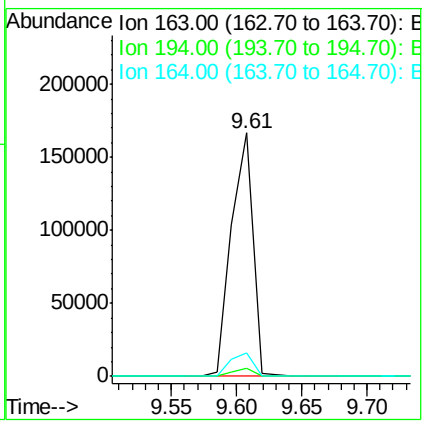


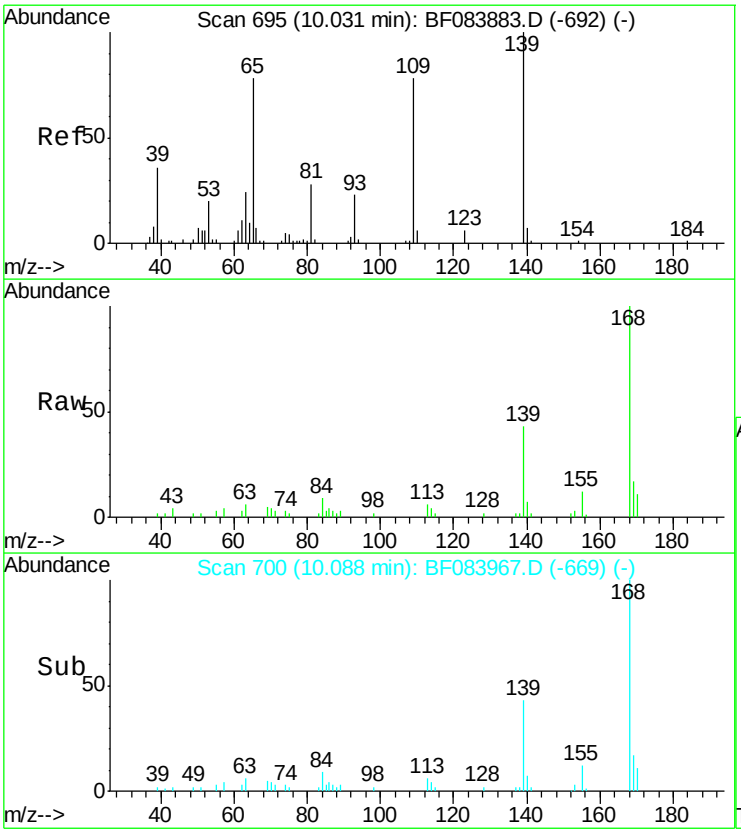
#49
Dimethylphthalate
Concen: 15.78 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:163 Resp: 189891

Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.4	8.0	12.0

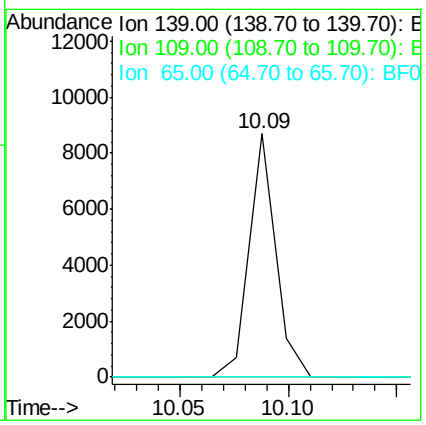


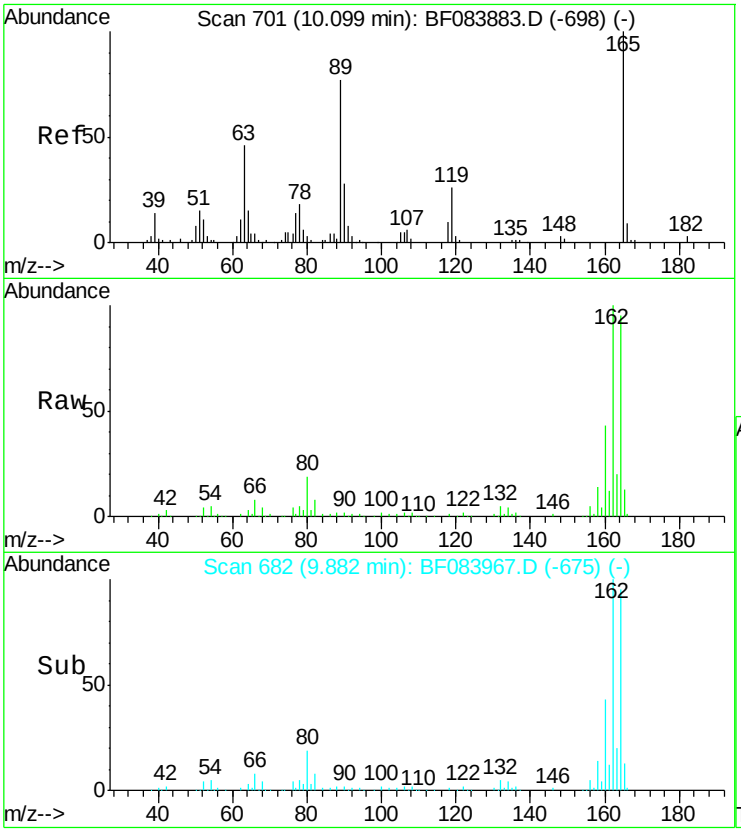


#55
4-Nitrophenol
Concen: 4.27 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.06 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:139 Resp: 7378

Ion	Ratio	Lower	Upper
139	100		
109	0.0	58.5	98.5#
65	0.0	57.6	97.6#



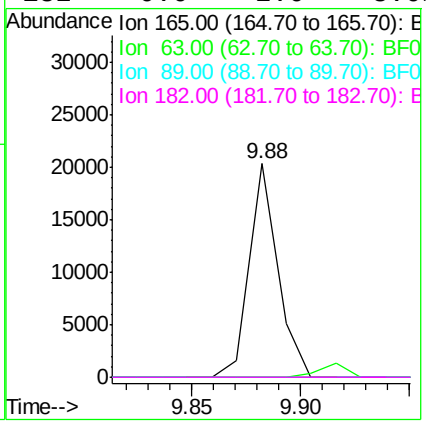


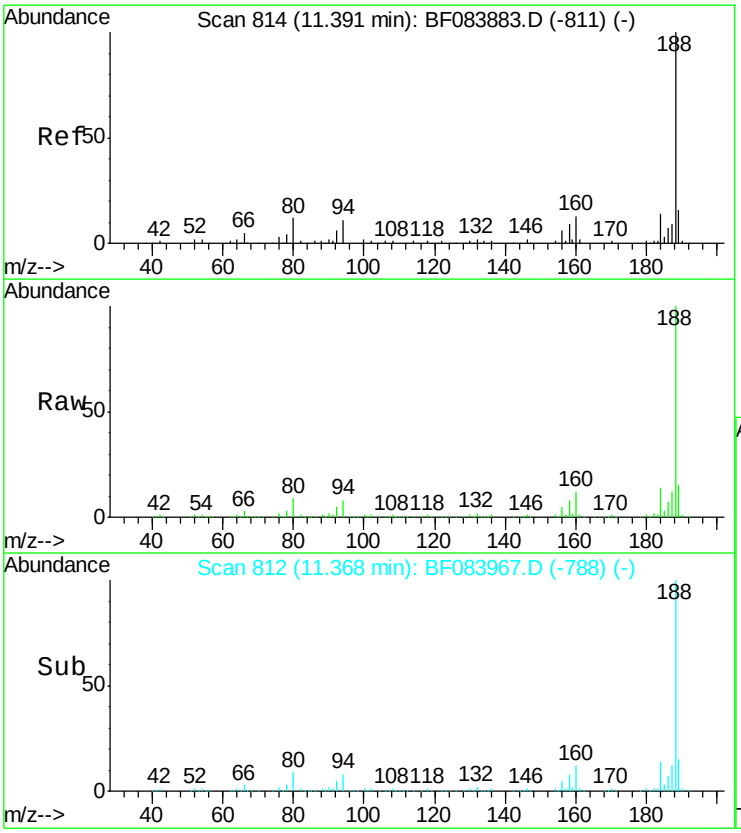
#56
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:165 Resp: 18623

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

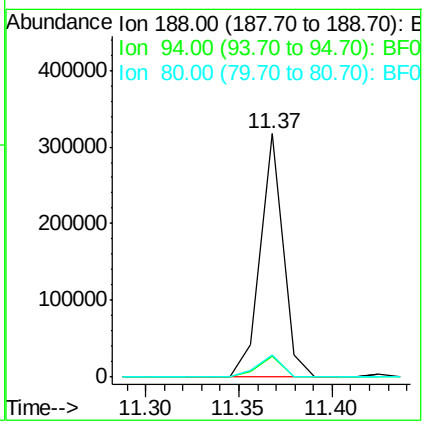


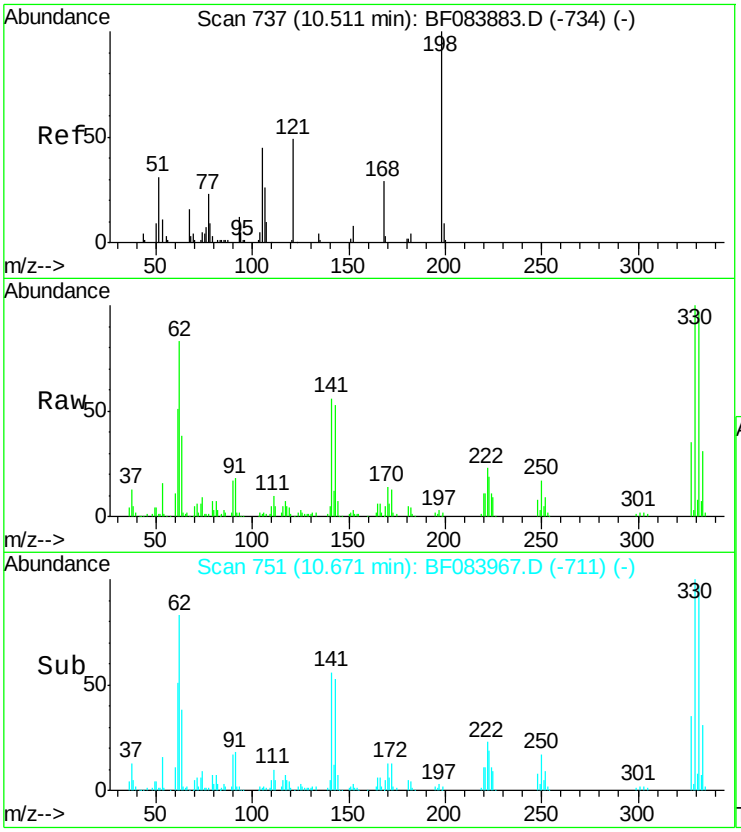


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:188 Resp: 268023

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	9.3	9.6	14.4#



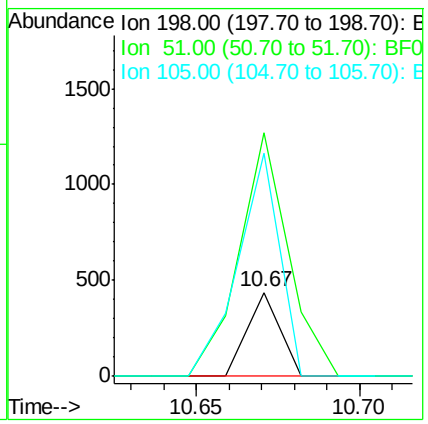


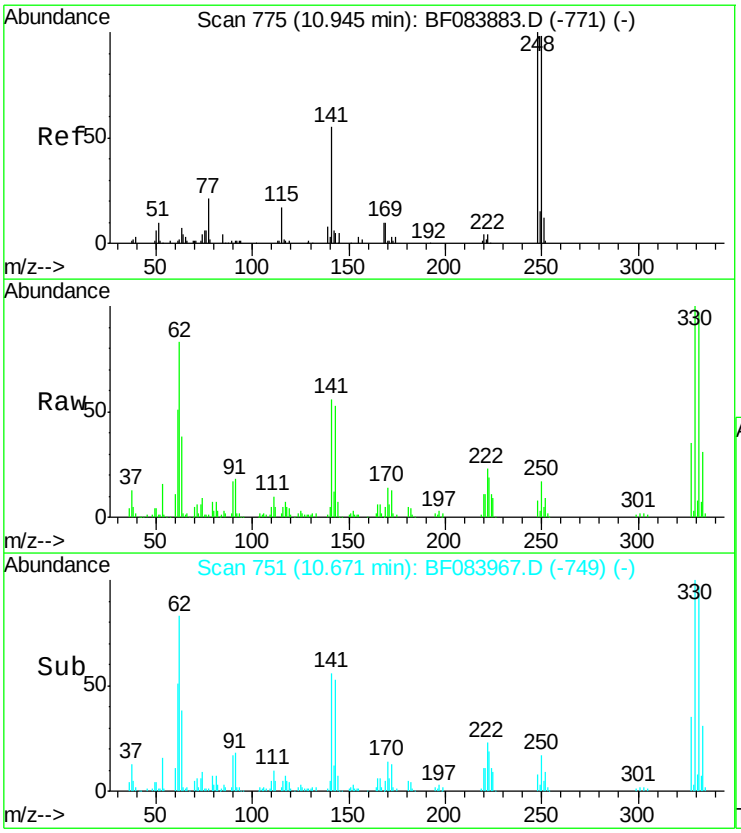
#64
4,6-Dinitro-2-methylphenol
Concen: 4.10 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.16 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:198 Resp: 300

Ion	Ratio	Lower	Upper
198	100		
51	289.7	18.9	58.9#
105	265.3	26.4	66.4#

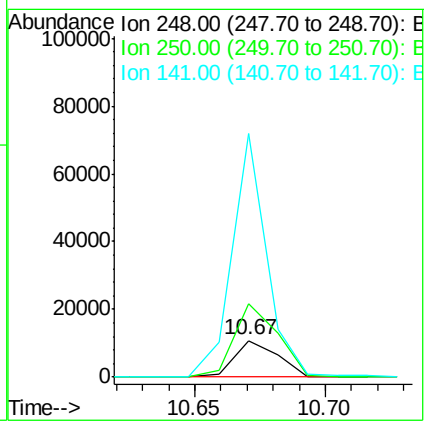


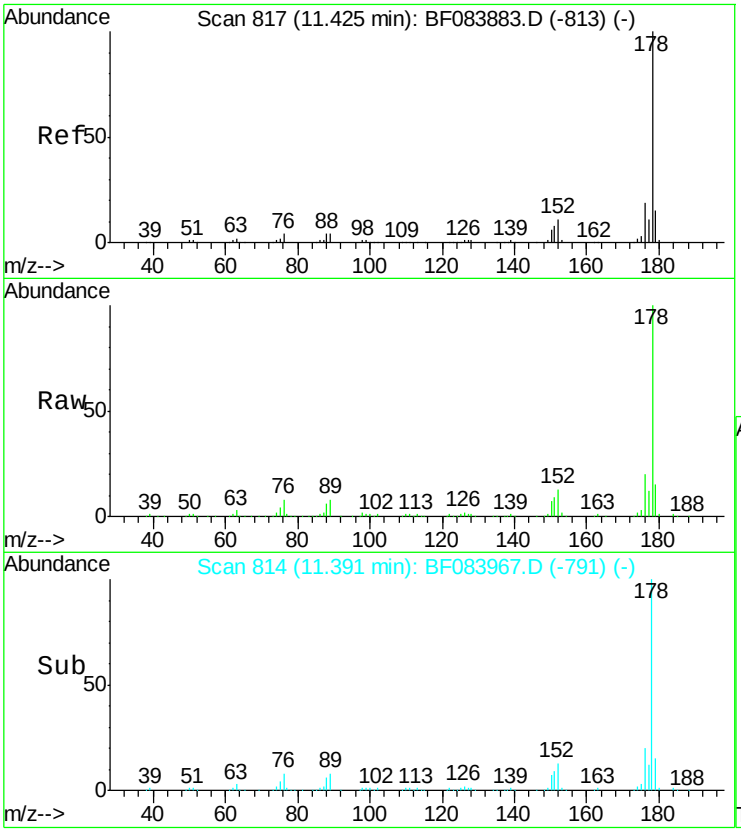


#66
4-Bromophenyl-phenylether
Concen: 3.80 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:248 Resp: 12437

Ion	Ratio	Lower	Upper
248	100		
250	200.6	78.4	117.6#
141	662.9	44.0	66.0#



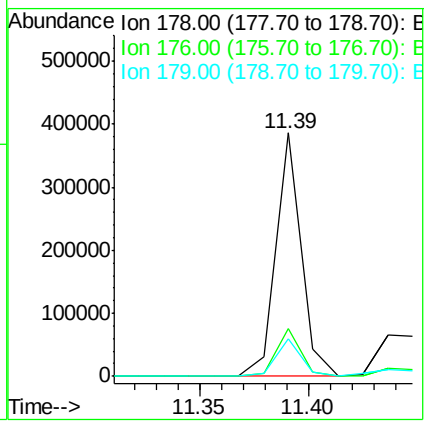


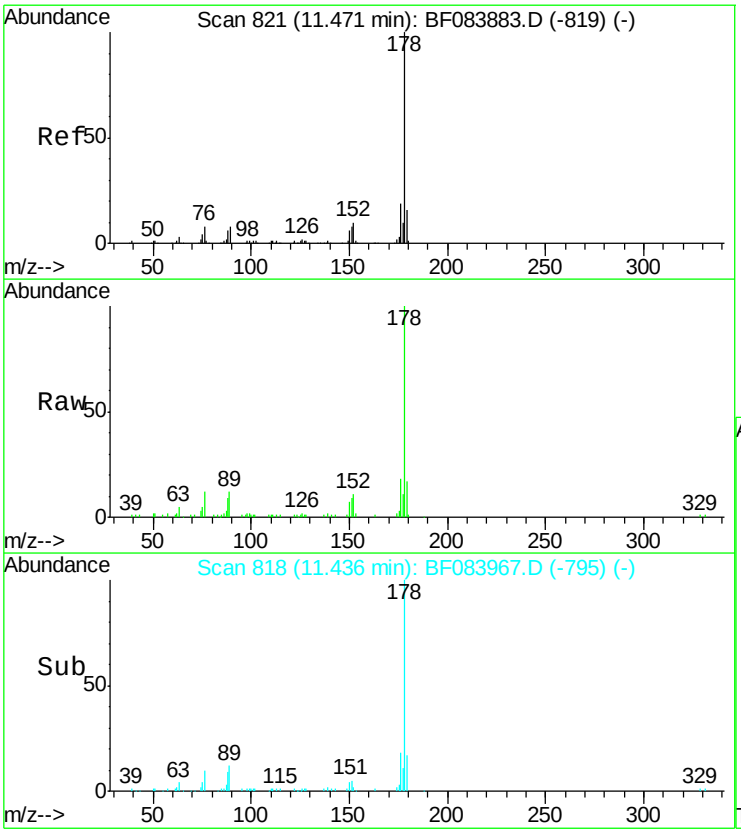
#70
Phenanthrene
Concen: 19.52 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:178 Resp: 316157

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.5	12.0	18.0

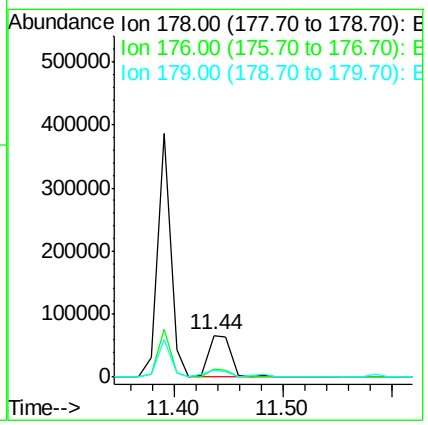


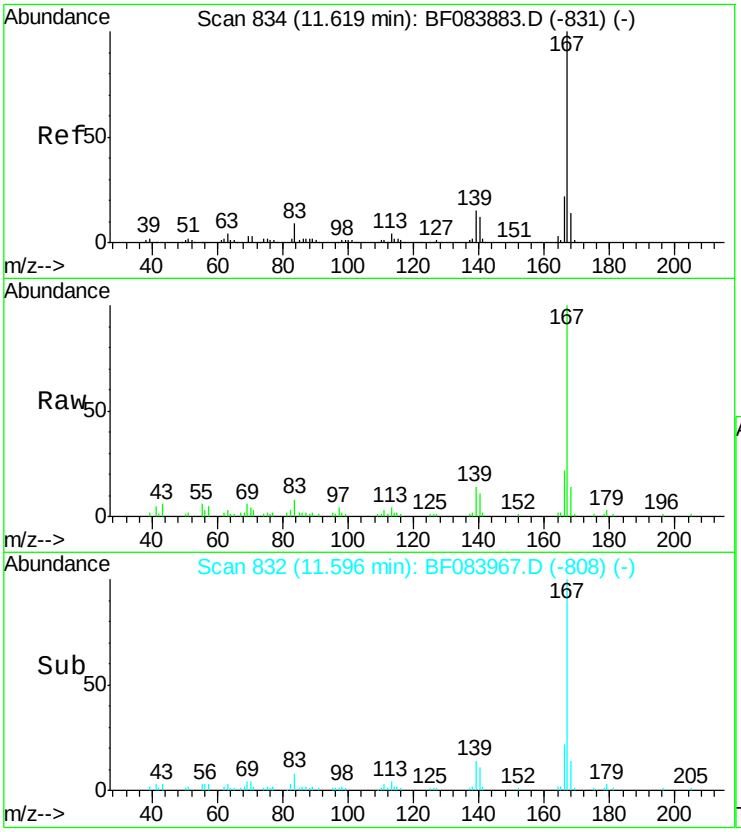


#71
Anthracene
Concen: 6.18 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:178 Resp: 96672

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.0
179	17.0	12.5	18.7



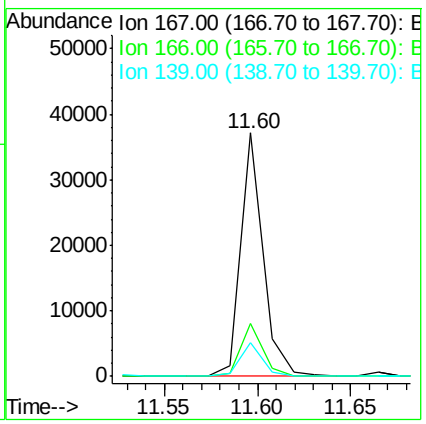


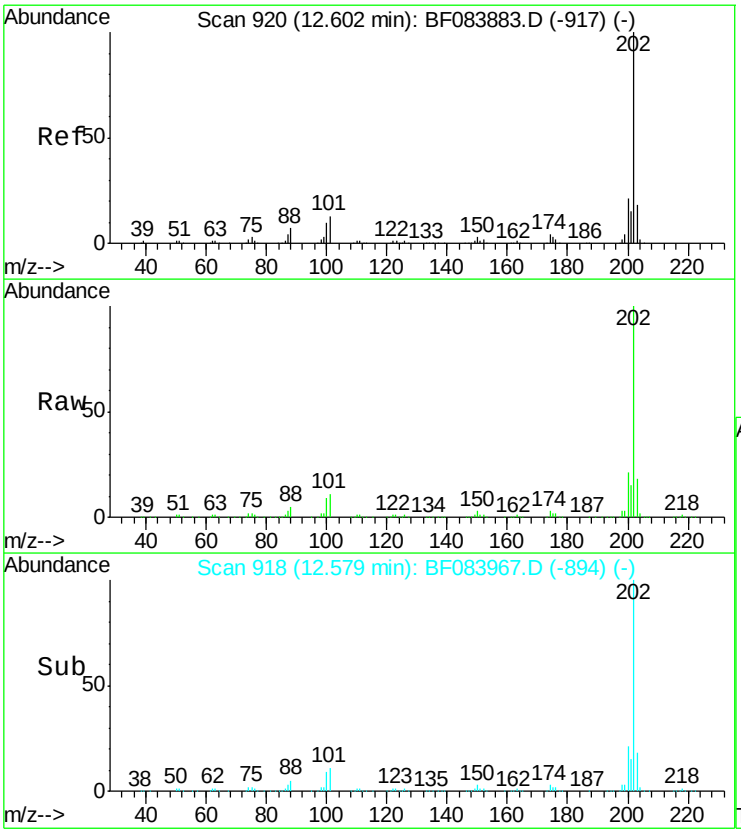
#72
Carbazole
Concen: 2.02 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:167 Resp: 31250

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.0	11.8	17.8

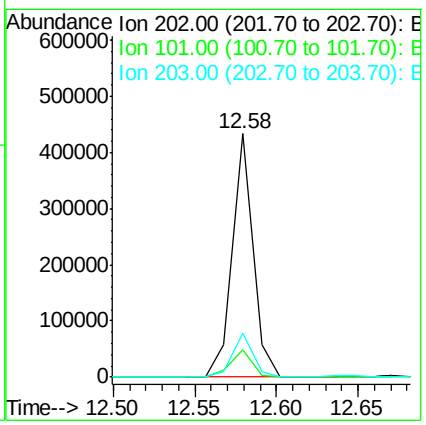


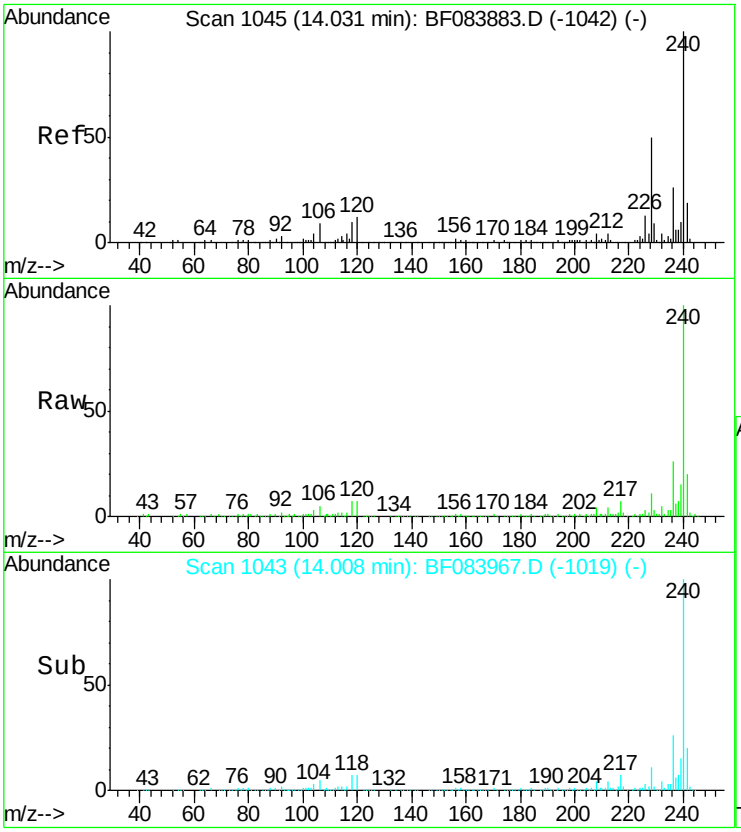


#74
Fluoranthene
Concen: 23.43 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:202 Resp: 378546

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.8
203	18.0	0.0	37.9



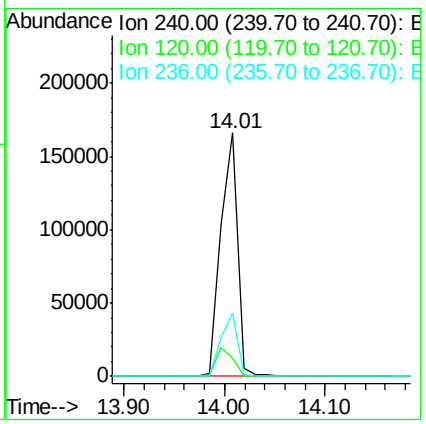


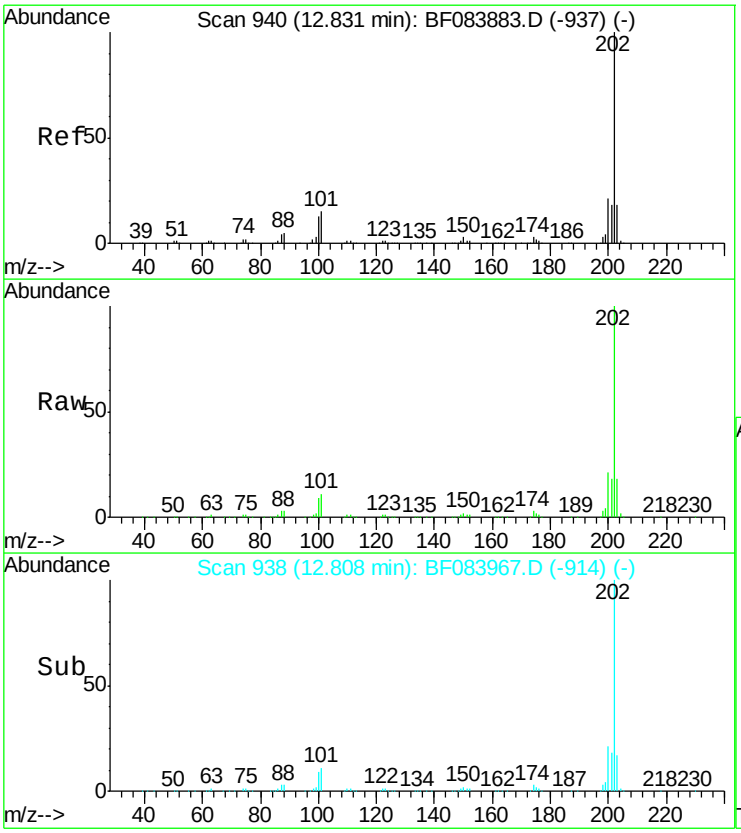
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:240 Resp: 192065

Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	25.7	20.6	31.0

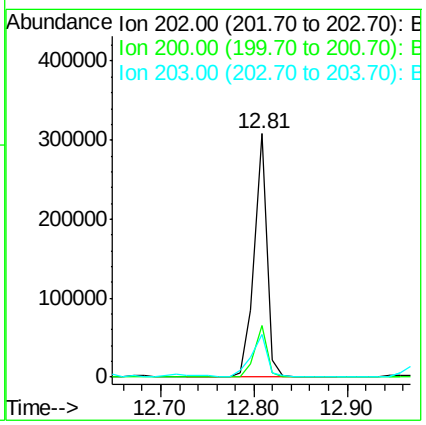


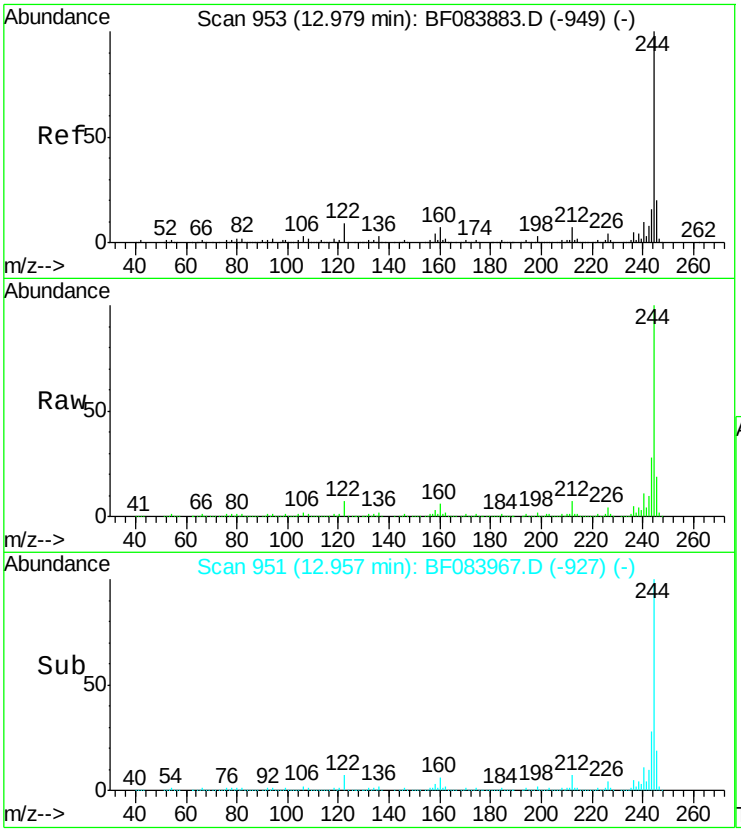


#77
Pyrene
Concen: 24.70 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:202 Resp: 294114

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.6	14.3	21.5



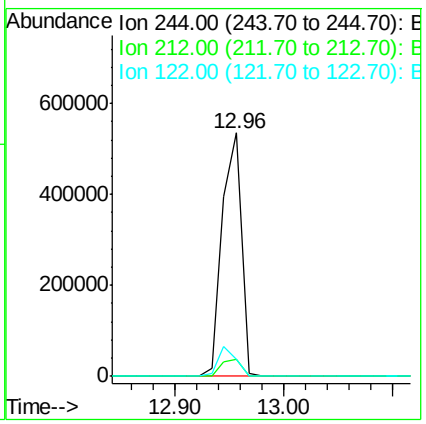


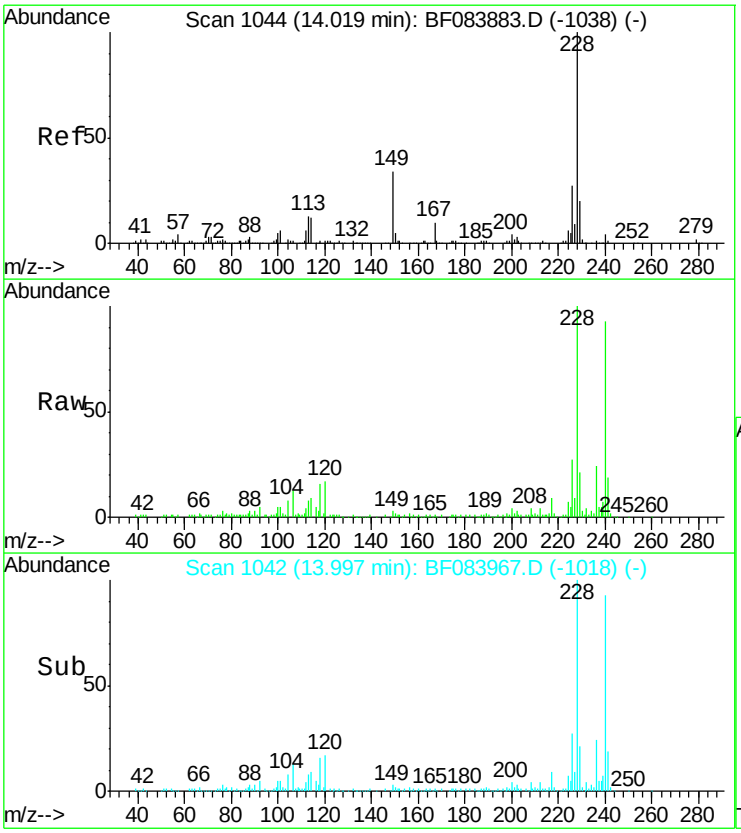
#78
Terphenyl-d14
Concen: 79.61 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:244 Resp: 657278

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	6.8	7.4	11.0#

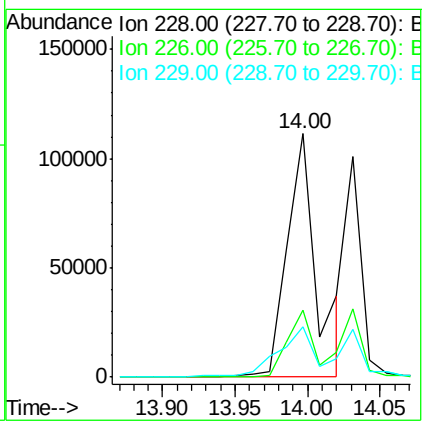


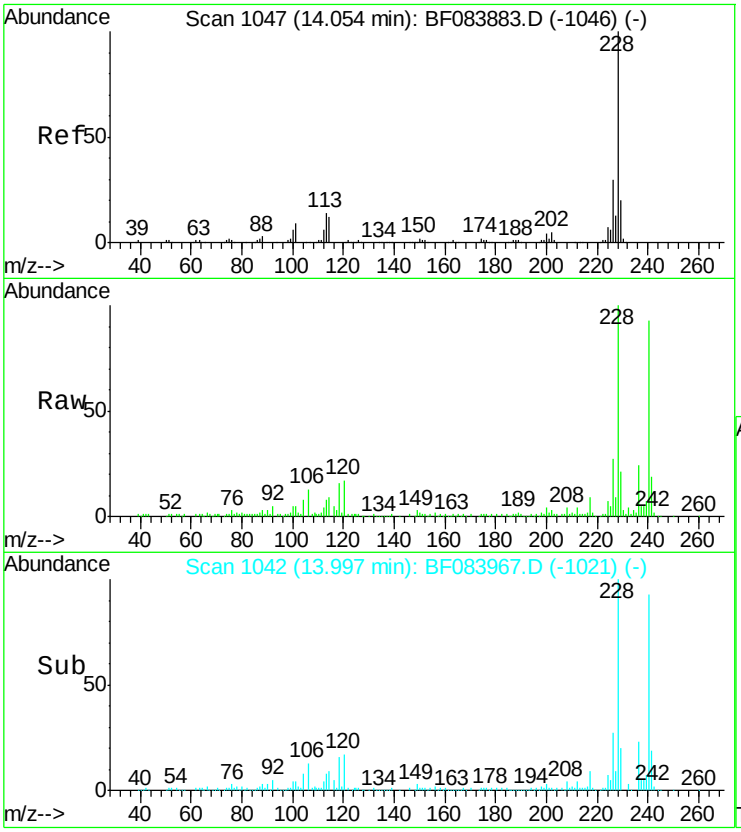


#80
Benzo(a)anthracene
Concen: 13.32 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:228 Resp: 157346

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	20.7	15.8	23.8



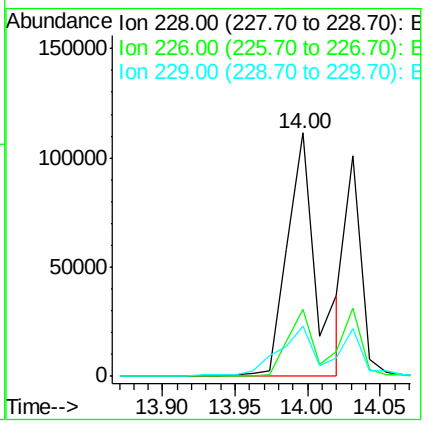


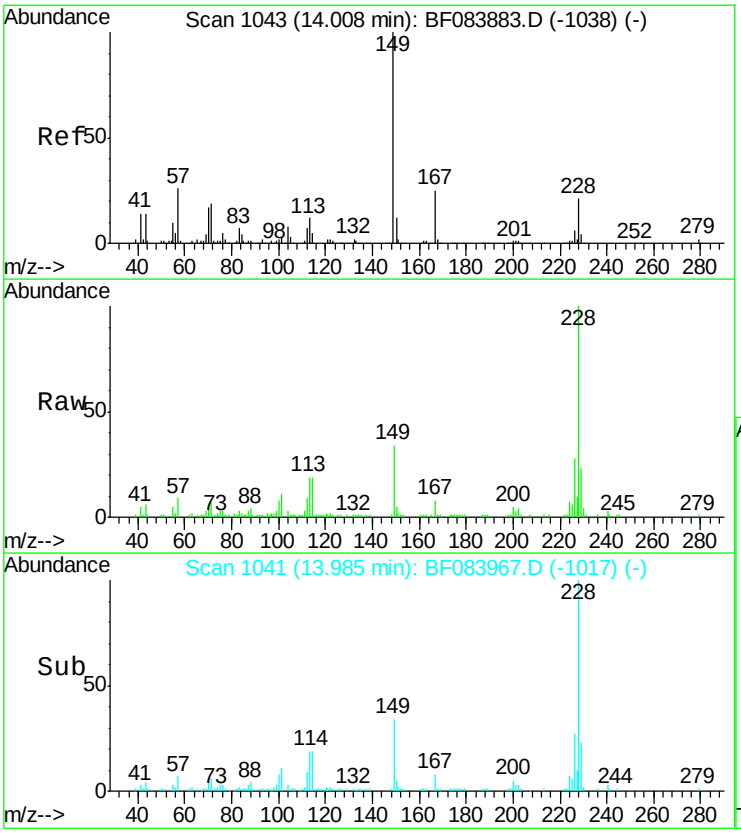
#82
Chrysene
Concen: 13.79 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:228 Resp: 157346

Ion	Ratio	Lower	Upper
228	100		
226	27.3	24.3	36.5
229	20.7	16.1	24.1

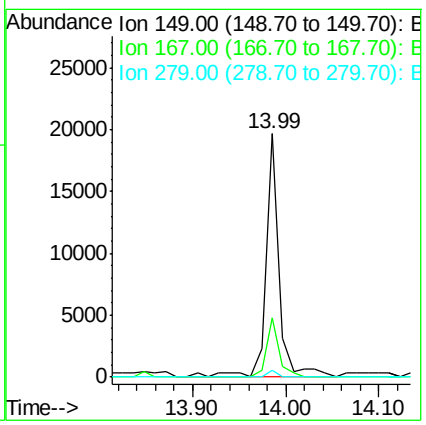


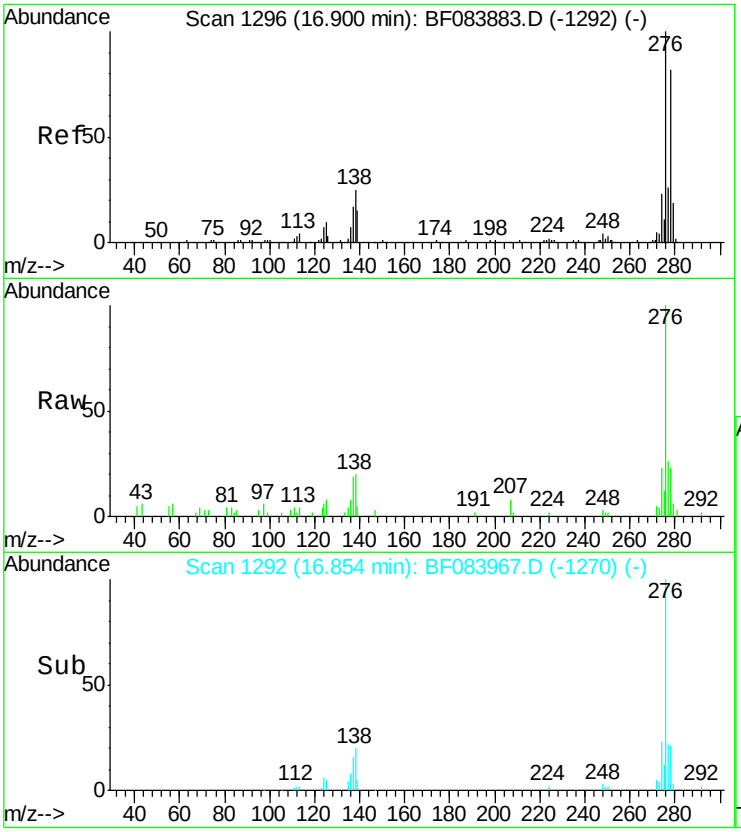


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.29 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:149 Resp: 19557

Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.7	29.5
279	2.7	1.8	2.6#



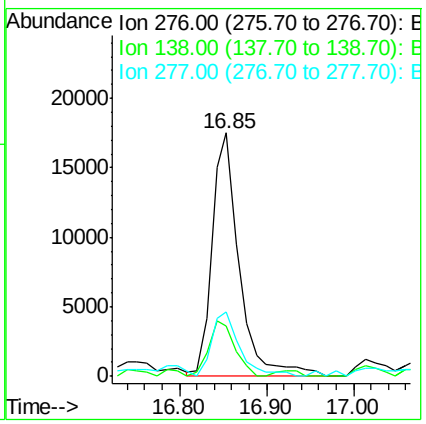


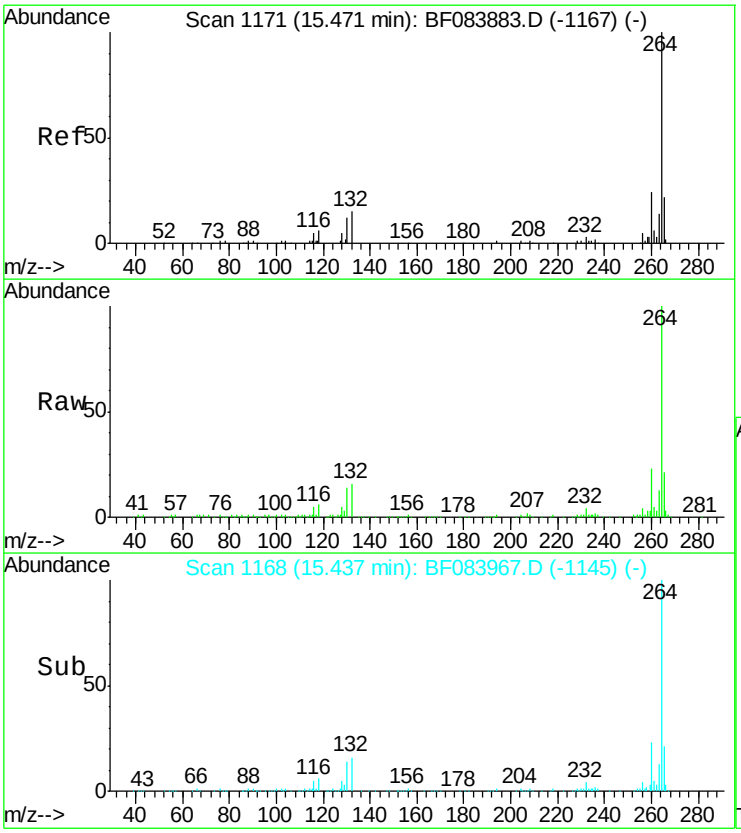
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.49 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:276 Resp: 38293

Ion	Ratio	Lower	Upper
276	100		
138	21.7	20.6	30.8
277	27.3	20.1	30.1

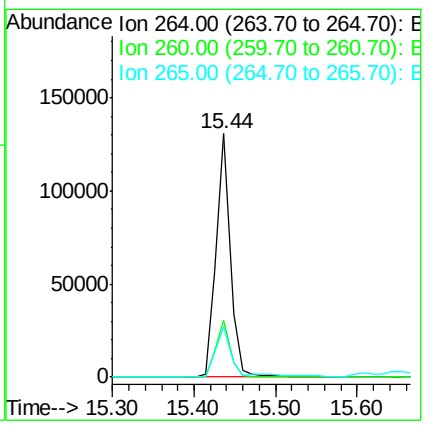


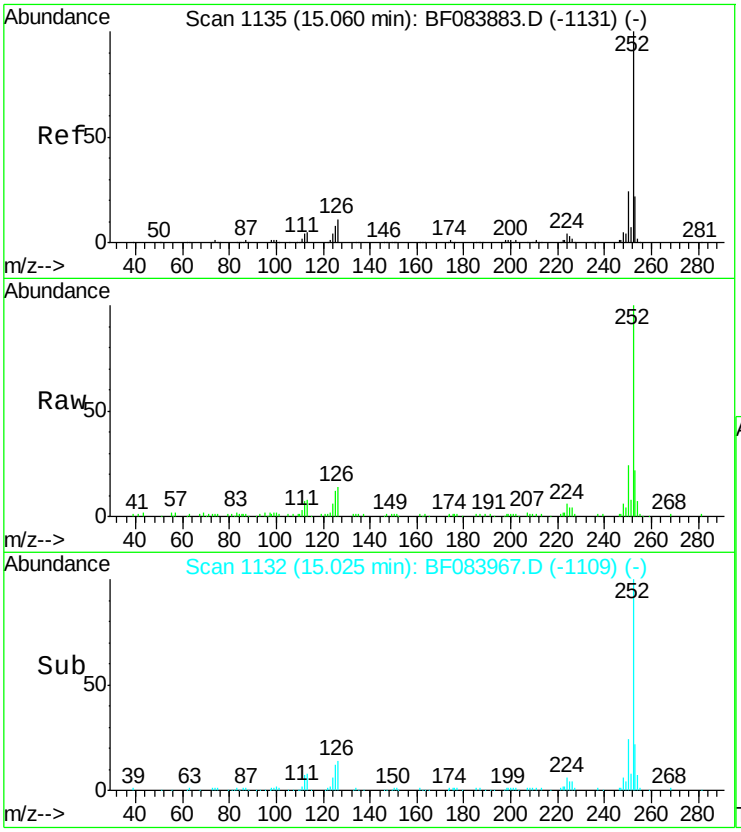


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:264 Resp: 159336

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.8	17.8	26.6



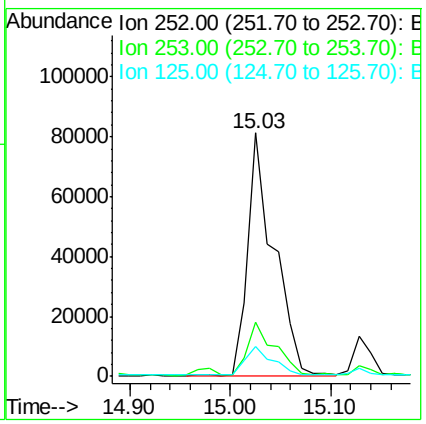


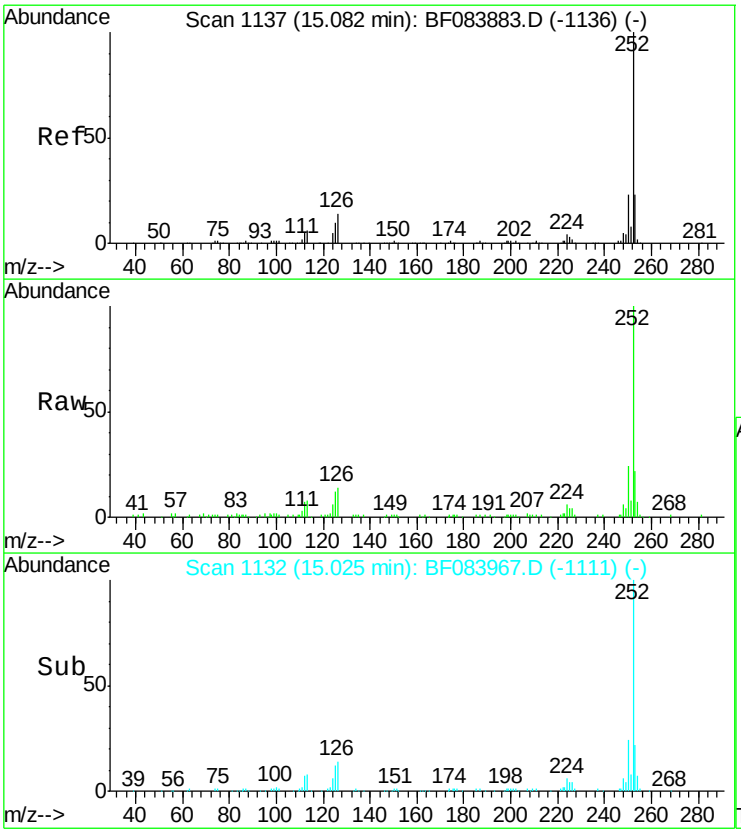
#87
Benzo(b)fluoranthene
Concen: 12.77 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:252 Resp: 148375

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	12.4	6.5	9.7#

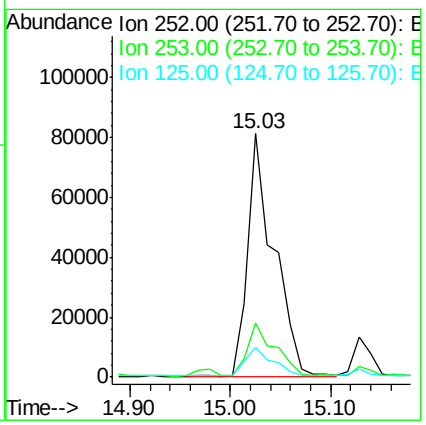


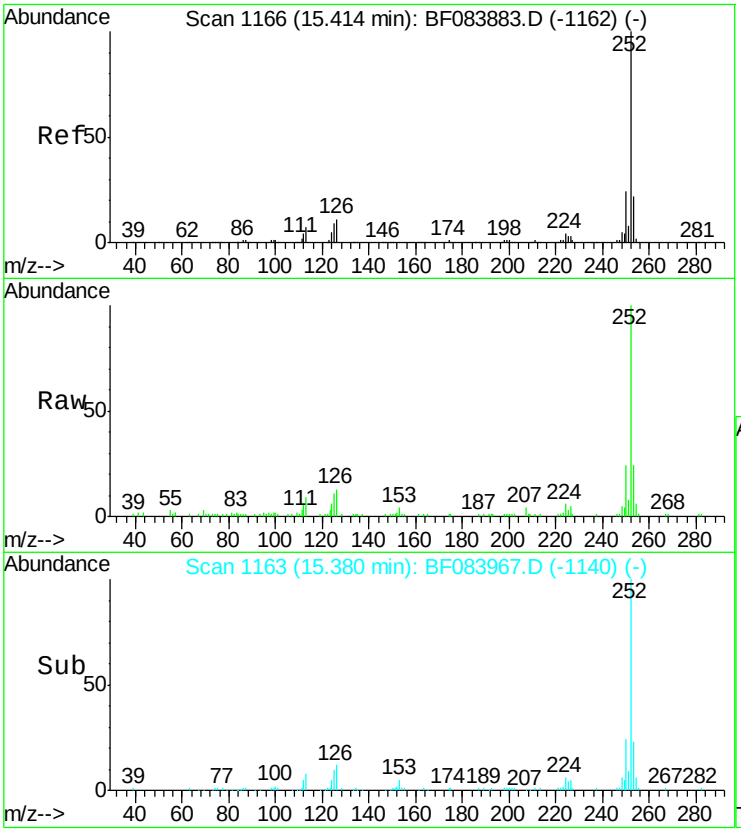


#88
Benzo(k)fluoranthene
Concen: 15.48 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:252 Resp: 148375

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.4	9.0	13.6



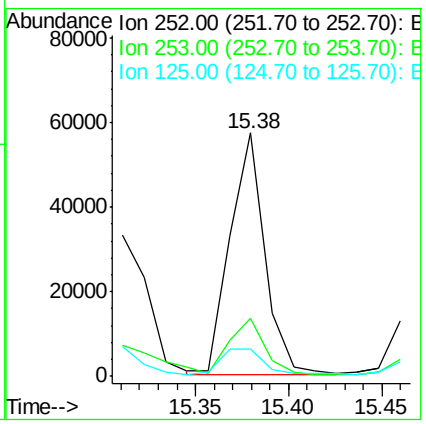


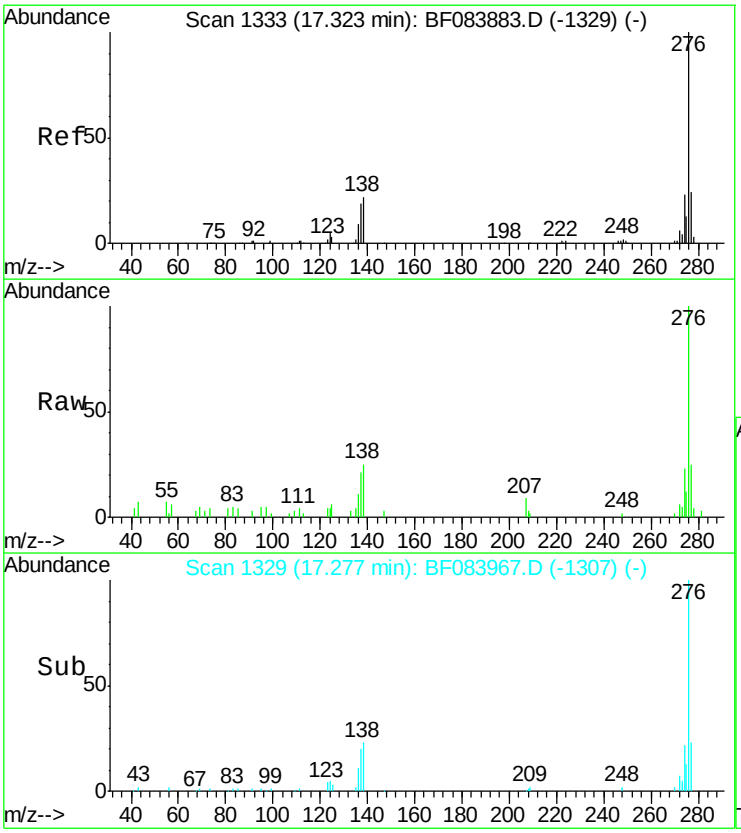
#89
Benzo(a)pyrene
Concen: 7.76 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Instrument :
BNA_F
ClientSampleId :
LTCWC-05

Tgt Ion:252 Resp: 74420

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.3	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 5.09 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF083967.D
Acq: 19 Dec 2015 21:07

Tgt Ion:276 Resp: 37245

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	25.5	17.8	26.6