Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084131.D
Acq On : 25 Dec 2015 15:56
Operator : UM/SJ
Sample : G4869-08DL 5X
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK2DL

Quant Time: Dec 26 00:38:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	54409	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	183797	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	83701	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	148092	20.00	ng		0.00
75) Chrysene-d12	13.95	240	108276	20.00	ng		-0.01
86) Perylene-d12	15.38	264	104353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	63199	19.69	ng		0.00
7) Phenol-d6	6.45	99	79473	20.01	ng		0.00
23) Nitrobenzene-d5	7.37	82	55256	17.60	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	17660	19.79	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	111251	18.19	ng		0.00
78) Terphenyl-d14	12.90	244	82717	13.82	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.28	117	3837	2.40	ng	#	1
22) Acetophenone	7.20	105	18198	3.96	ng	#	46
31) Naphthalene	8.11	128	76589	7.83	ng	#	95
33) 4-Chloroaniline	8.11	127	22911	5.89	ng	#	44
35) Caprolactam	8.52	113	18423	25.26	ng	#	58
37) 2-Methylnaphthalene	8.80	142	177536	29.00	ng	#	95
45) 1,1'-Biphenyl	9.26	154	30126	3.98	ng		96
49) Dimethylphthalate	9.56	163	24557	3.54	ng		96
51) Acenaphthene	9.87	154	11320	2.06	ng	#	81
52) 3-Nitroaniline	9.82	138	3830	2.43	ng	#	34
53) 2,4-Dinitrophenol	9.79	184	215	9.45	ng	#	1
55) 4-Nitrophenol	9.95	139	10422	12.93	ng	#	48
56) 2,4-Dinitrotoluene	10.04	165	5591	2.88	ng	#	58
57) Fluorene	10.38	166	25085	3.91	ng	#	82
65) n-Nitrosodiphenylamine	10.50	169	56444	10.69	ng	#	53
68) Atrazine	11.05	200	3685	2.32	ng	#	1
69) Pentachlorophenol	10.97	266	359	8.25	ng	#	18
70) Phenanthrene	11.34	178	80963	9.22	ng	#	93
71) Anthracene	11.44	178	19457	2.12	ng	#	1
74) Fluoranthene	12.55	202	9111	Below Cal			86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084131.D
Acq On : 25 Dec 2015 15:56
Operator : UM/SJ
Sample : G4869-08DL 5X
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_F
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LTCWC-TANK2DL

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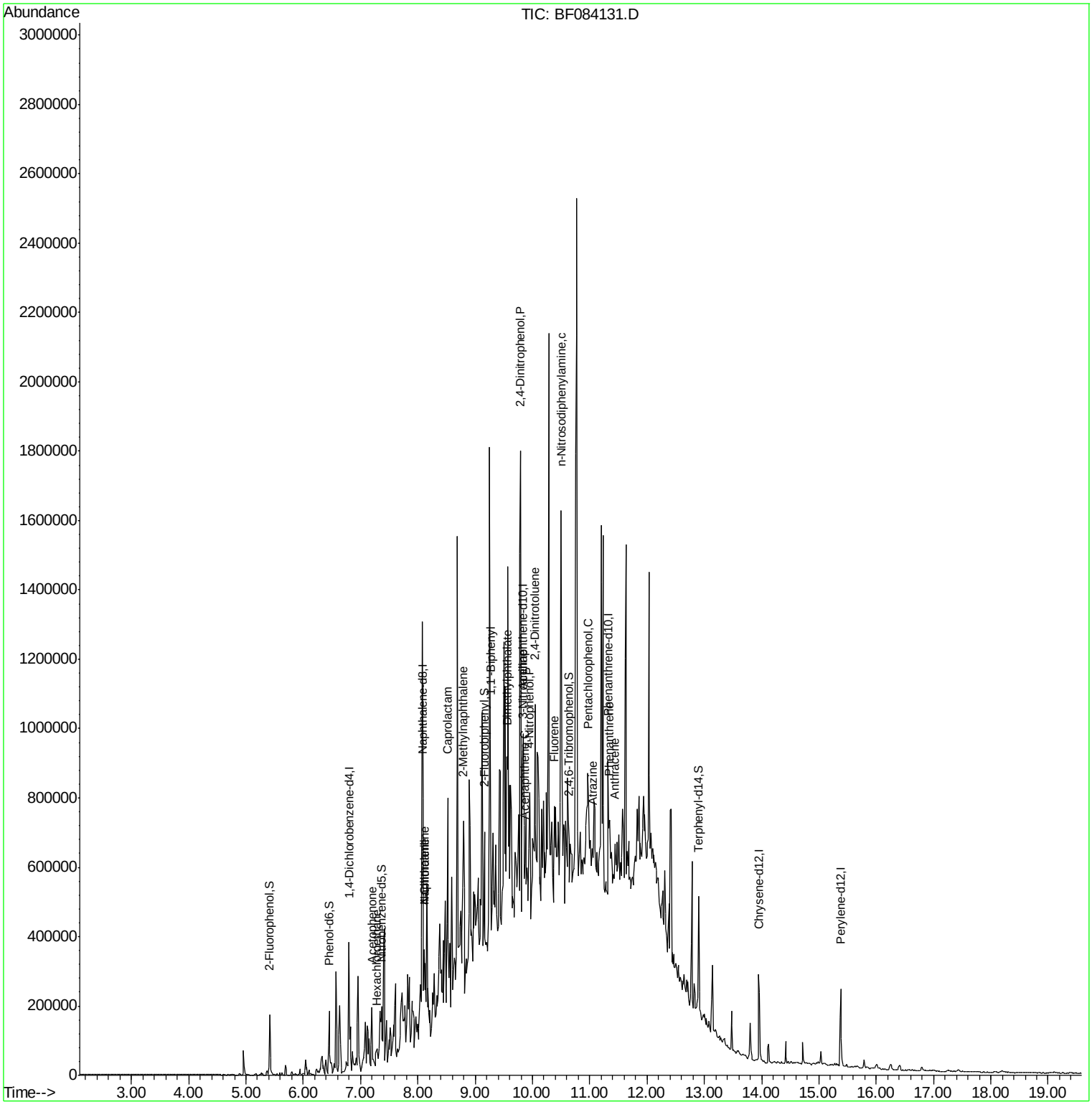
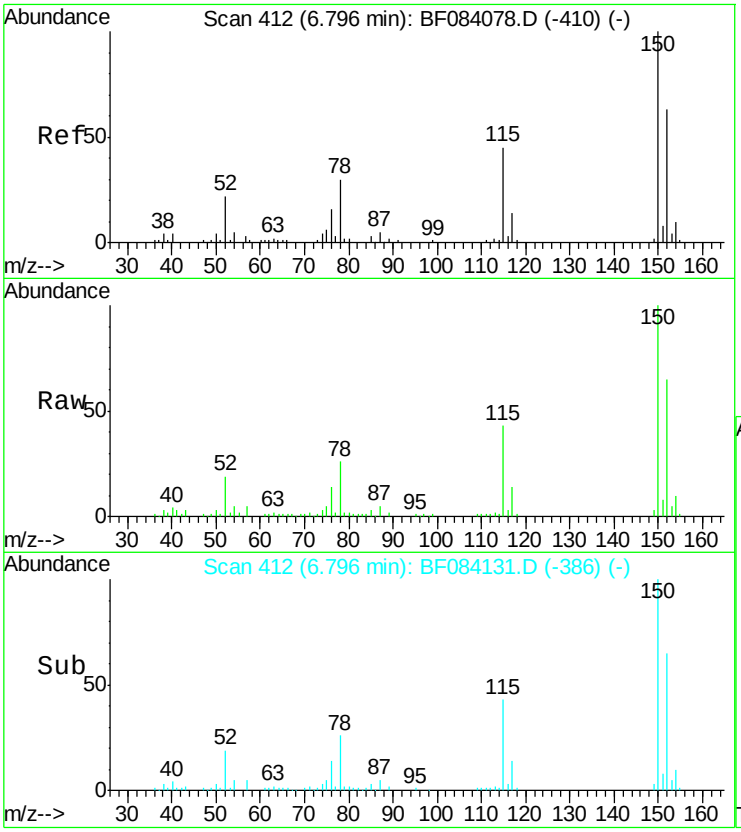
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration



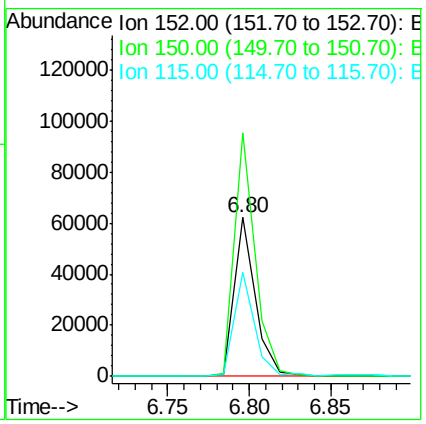


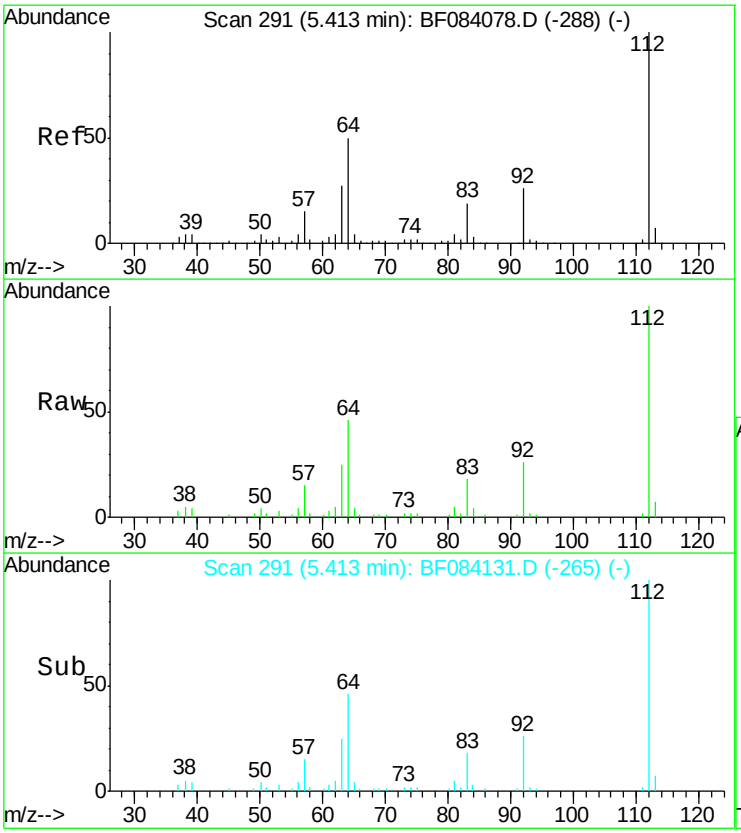
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:152 Resp: 54409

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.4
115	65.6	51.4	77.2

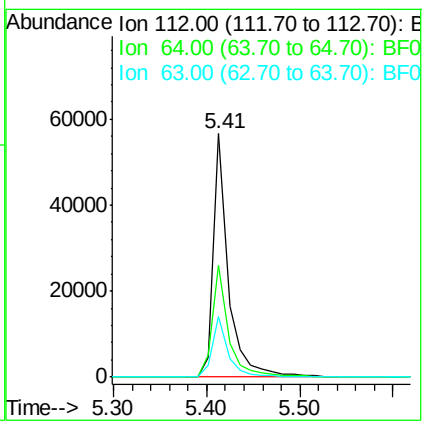


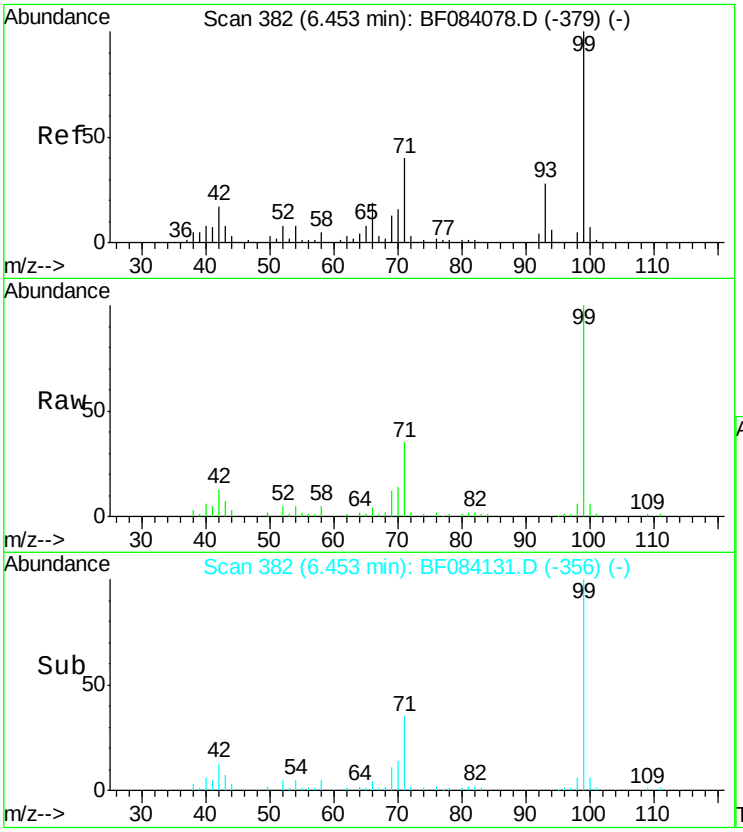


#5
2-Fluorophenol
Concen: 19.69 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:112 Resp: 63199

Ion	Ratio	Lower	Upper
112	100		
64	45.8	36.6	55.0
63	25.0	19.4	29.0



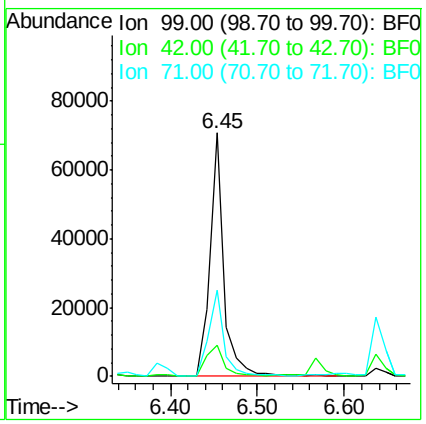


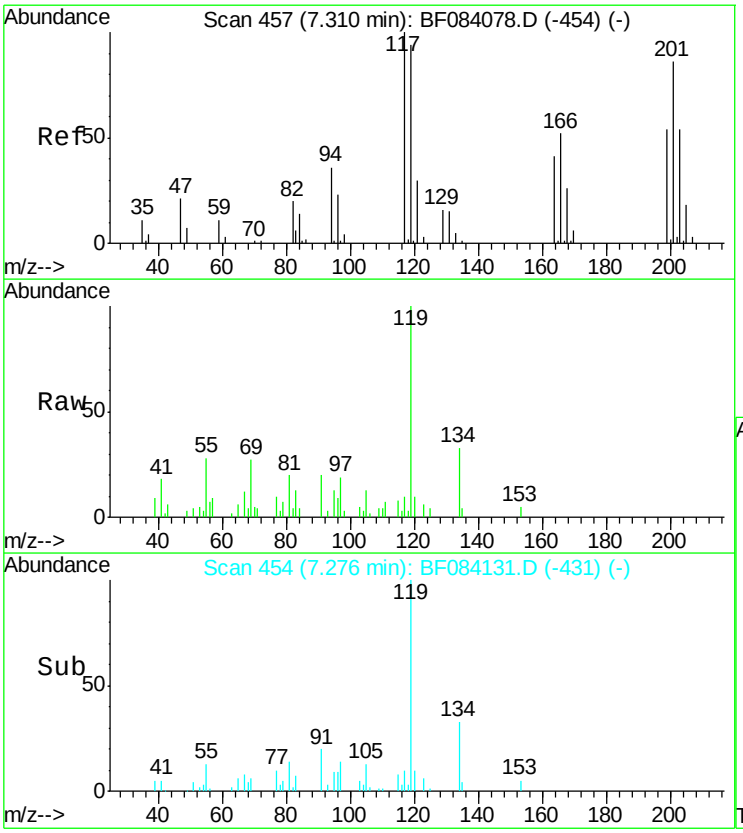
#7
Phenol-d6
Concen: 20.01 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion: 99 Resp: 79473

Ion	Ratio	Lower	Upper
99	100		
42	13.0	12.8	19.2
71	35.3	30.9	46.3

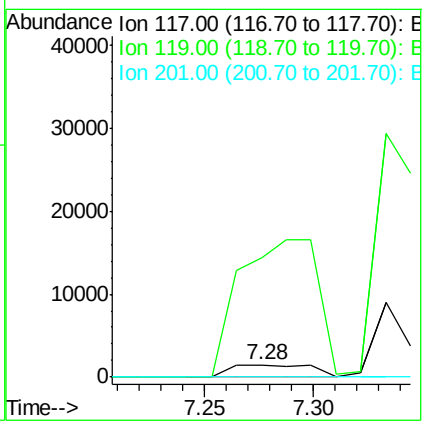


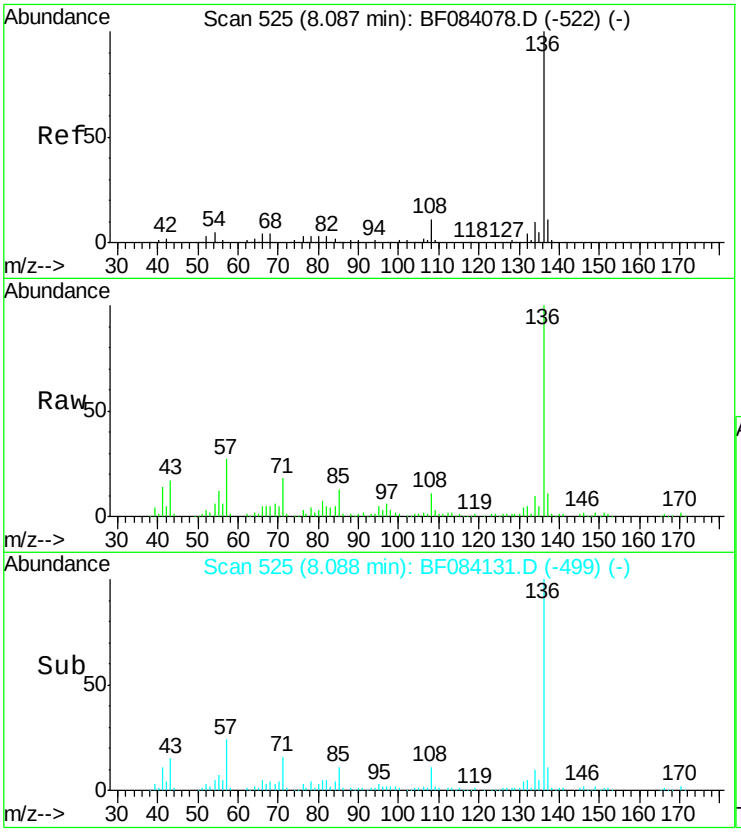


#18
Hexachloroethane
Concen: 2.40 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:117 Resp: 3837

Ion	Ratio	Lower	Upper
117	100		
119	981.6	77.4	116.0#
201	0.0	68.6	103.0#



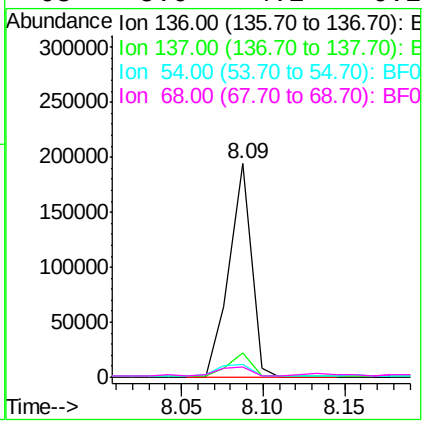


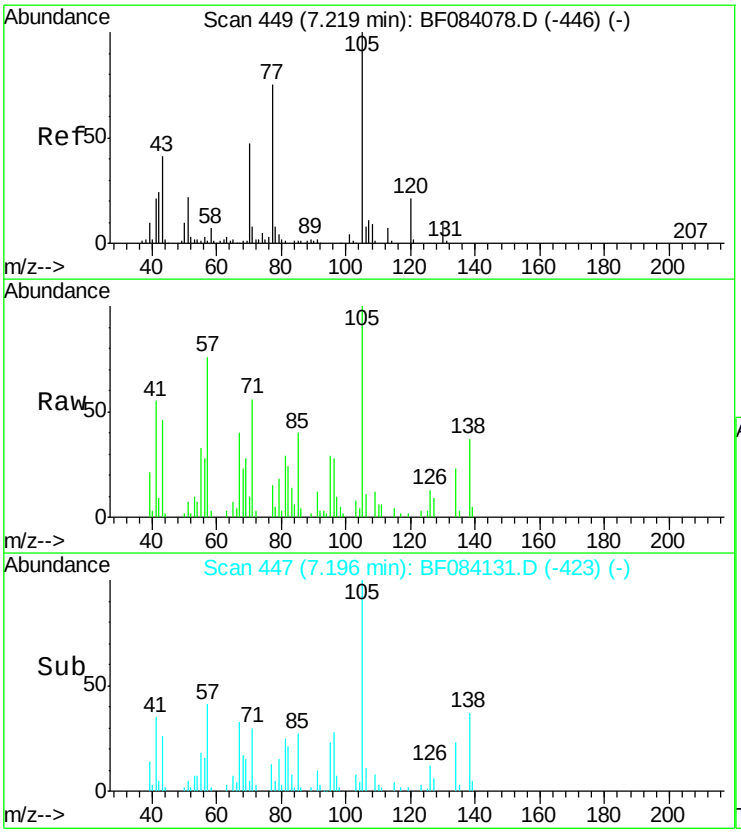
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:136 Resp: 183797

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	5.8	5.8	8.8#
68	5.0	4.2	6.2

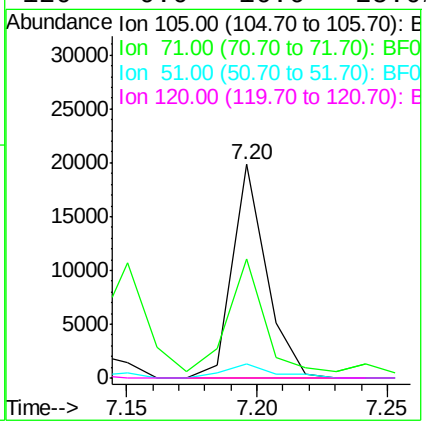


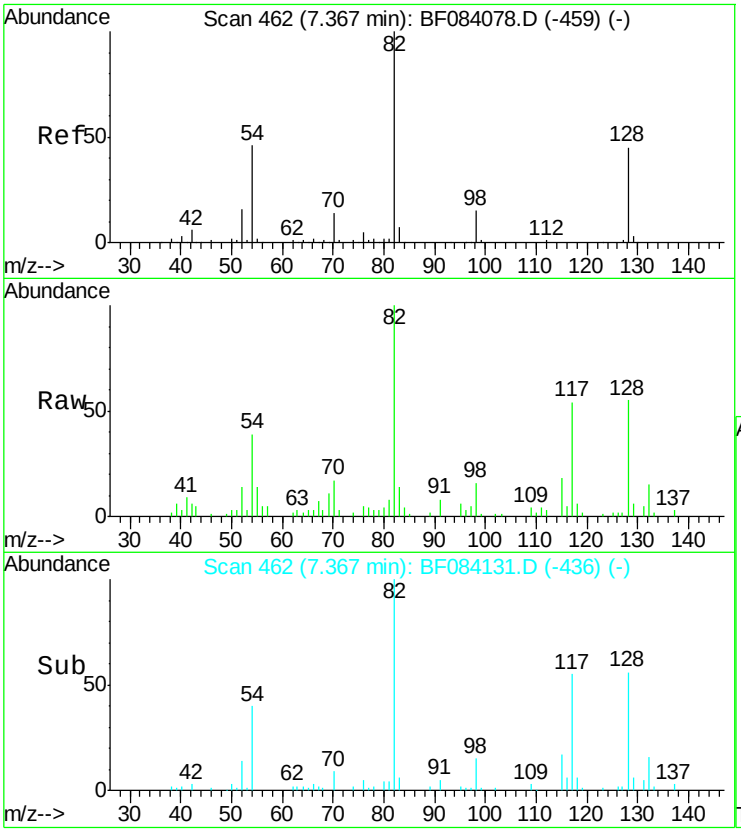


#22
Acetophenone
Concen: 3.96 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:105 Resp: 18198

Ion	Ratio	Lower	Upper
105	100		
71	55.7	3.7	5.5#
51	6.5	25.1	37.7#
120	0.0	16.6	25.0#



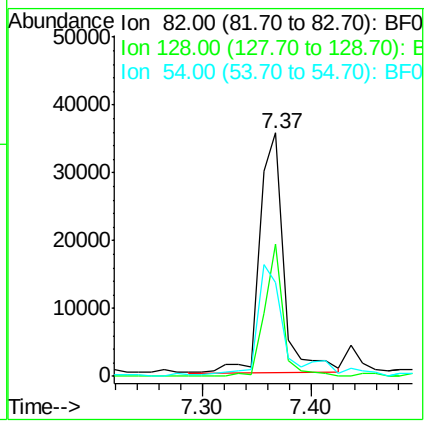


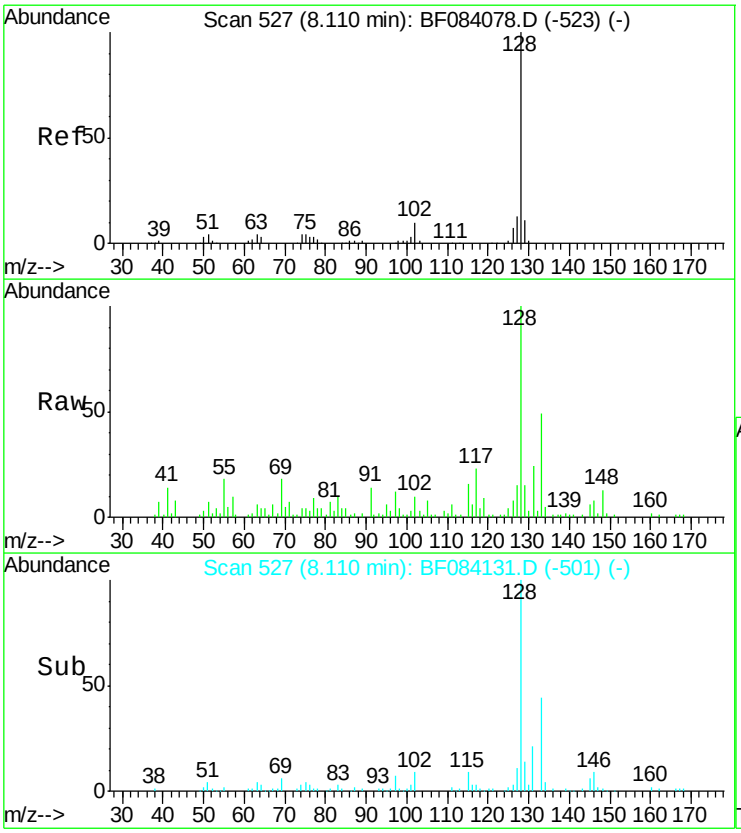
#23
Nitrobenzene-d5
Concen: 17.60 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion: 82 Resp: 55256

Ion	Ratio	Lower	Upper
82	100		
128	54.5	34.6	51.8#
54	38.8	38.4	57.6

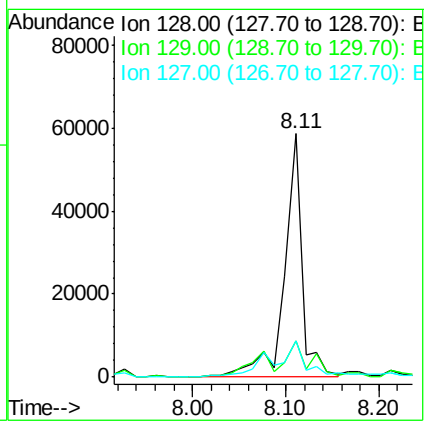


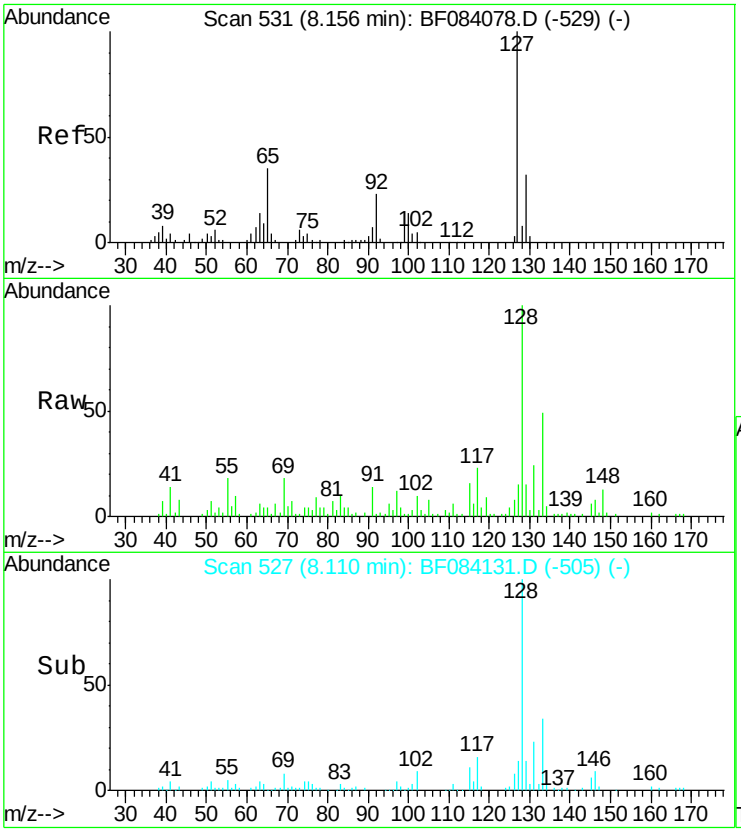


#31
Naphthalene
Concen: 7.83 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:128 Resp: 76589

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.1	13.7#
127	14.8	11.1	16.7



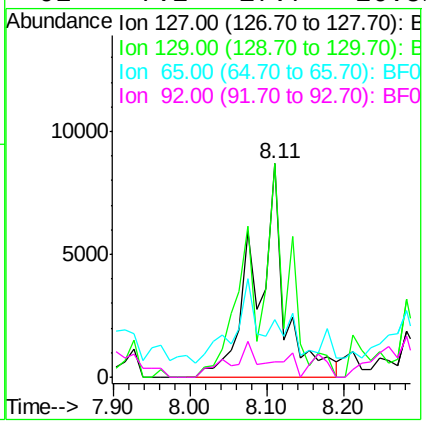


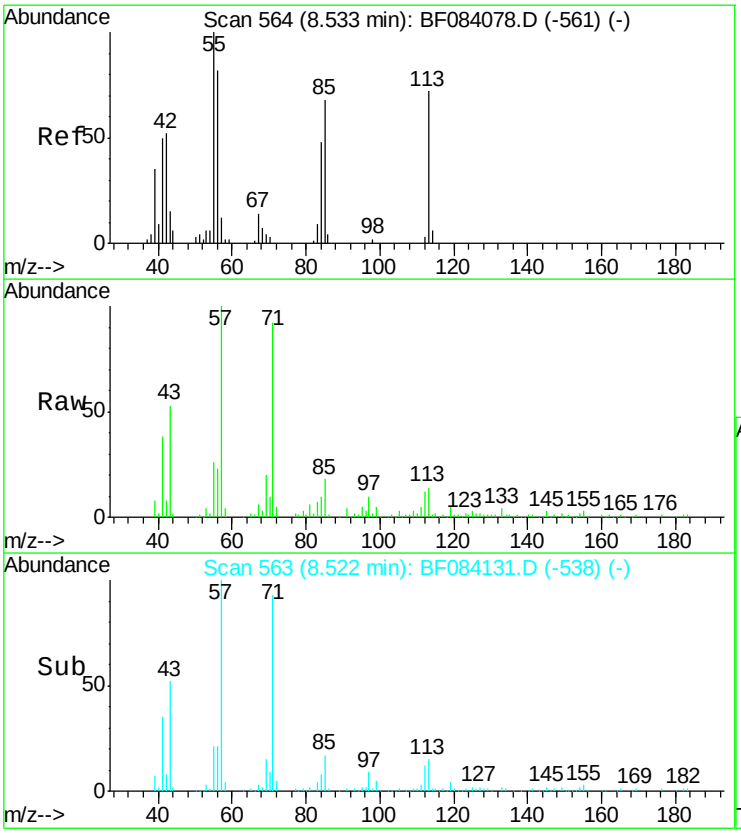
#33
4-Chloroaniline
Concen: 5.89 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:127 Resp: 22911

Ion	Ratio	Lower	Upper
127	100		
129	100.2	26.5	39.7#
65	27.3	27.2	40.8
92	7.2	17.7	26.5#

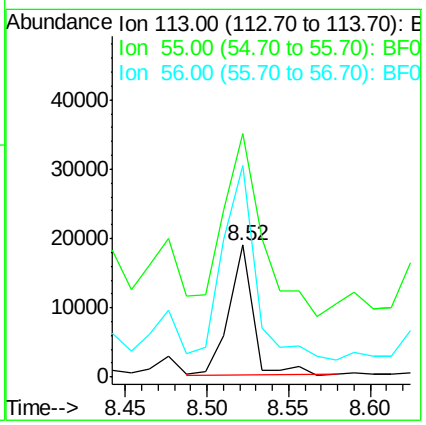


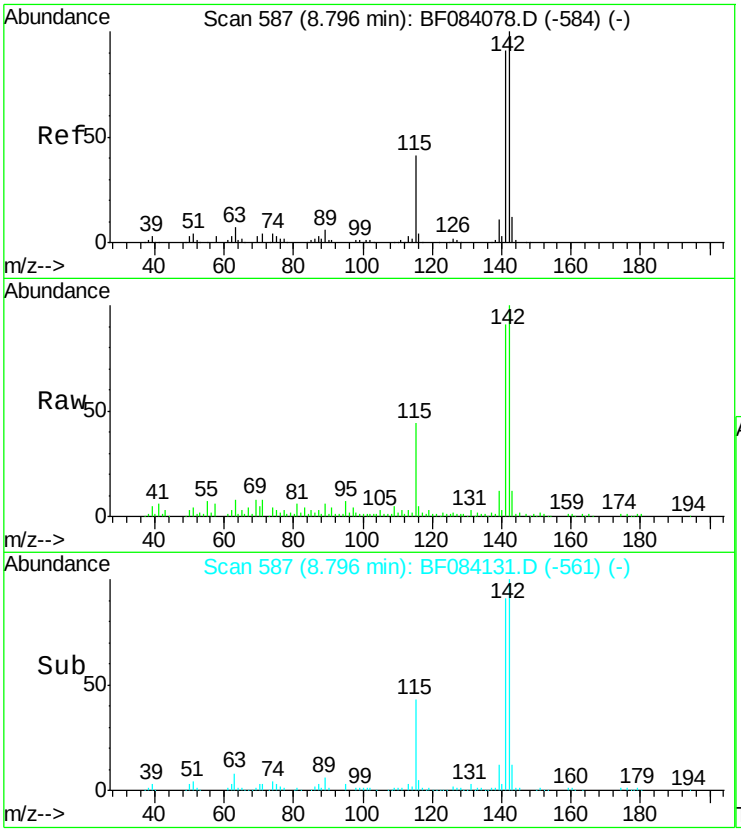


#35
Caprolactam
Concen: 25.26 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:113 Resp: 18423

Ion	Ratio	Lower	Upper
113	100		
55	185.0	116.9	156.9#
56	160.8	93.8	133.8#



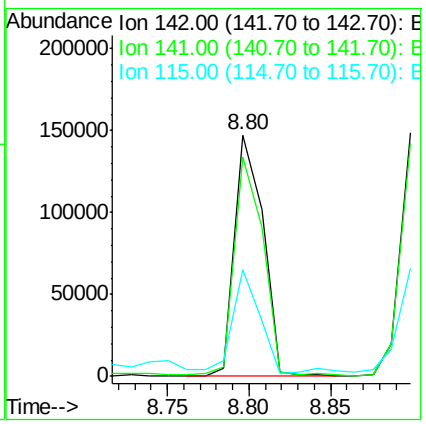


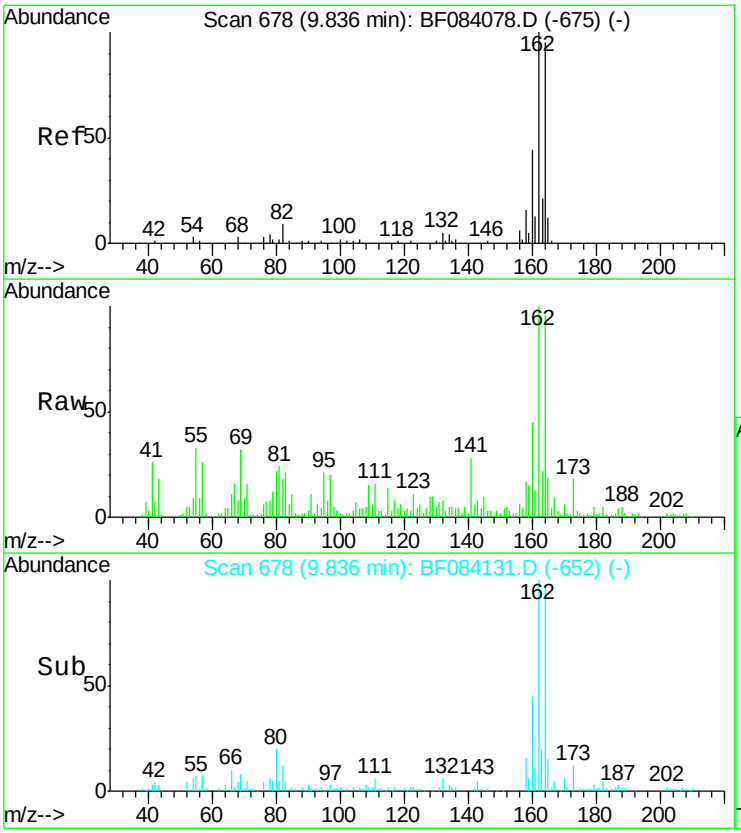
#37
2-Methylnaphthalene
Concen: 29.00 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:142 Resp: 177536

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.4	108.6
115	44.1	27.9	41.9#

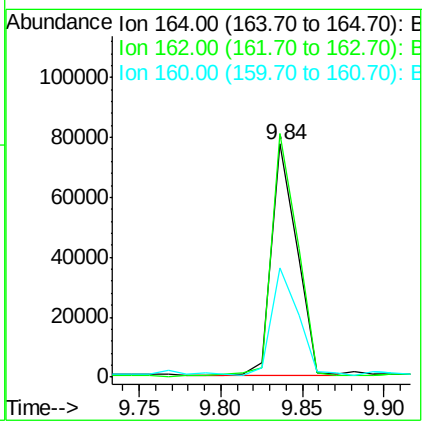


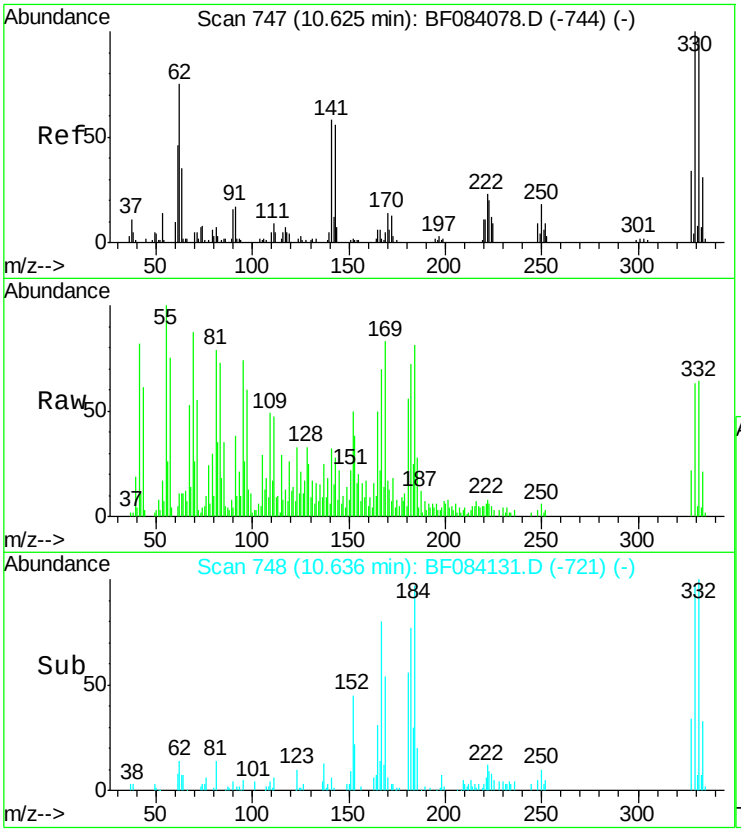


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:164 Resp: 83701

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	47.0	37.5	56.3



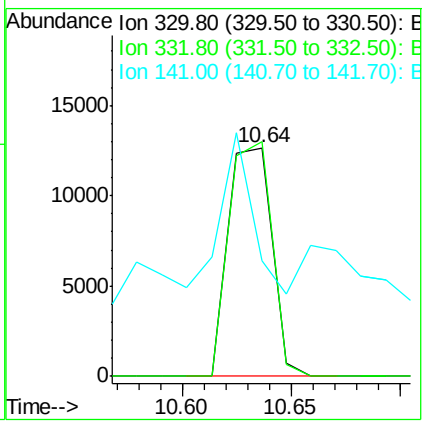


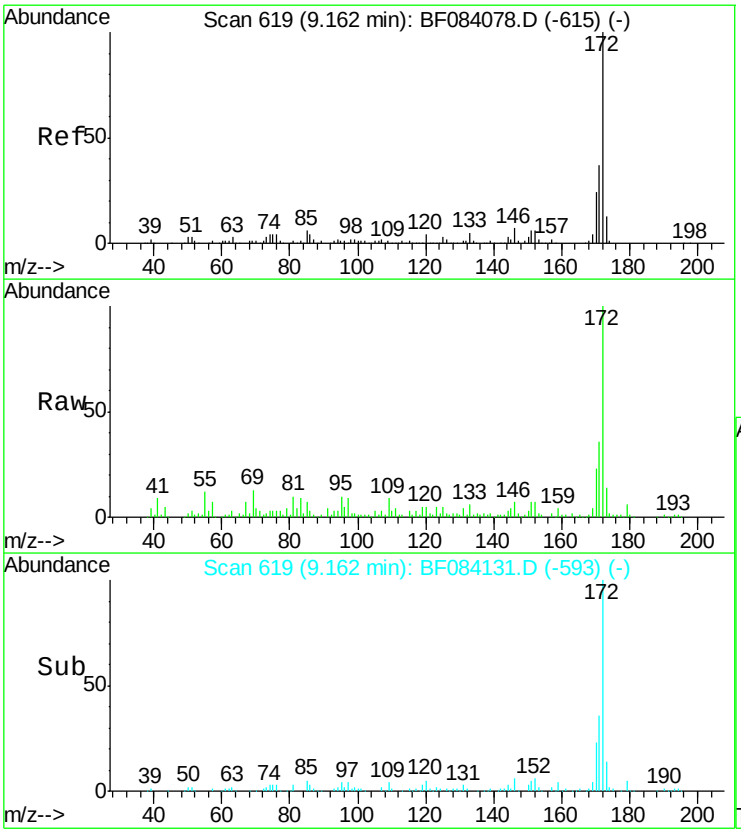
#41
2,4,6-Tribromophenol
Concen: 19.79 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:330 Resp: 17660

Ion	Ratio	Lower	Upper
330	100		
332	100.3	76.6	114.8
141	50.0	27.8	41.6#

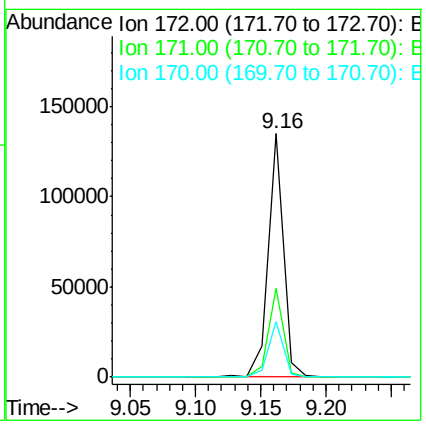


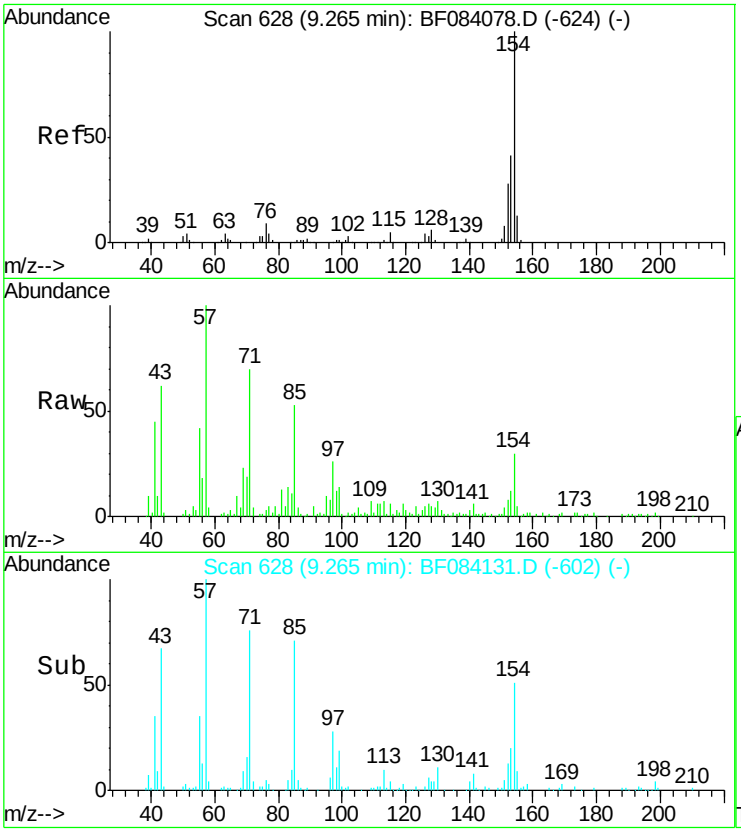


#44
2-Fluorobiphenyl
Concen: 18.19 ng
RT: 9.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:172 Resp: 111251

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.0	18.6	27.8



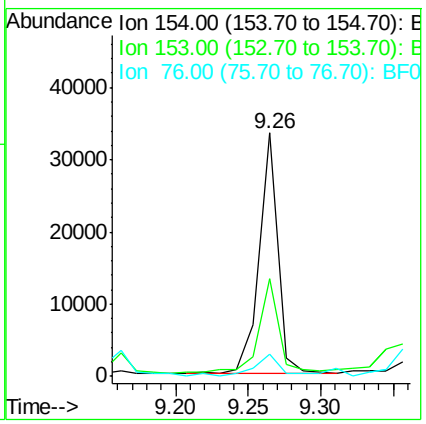


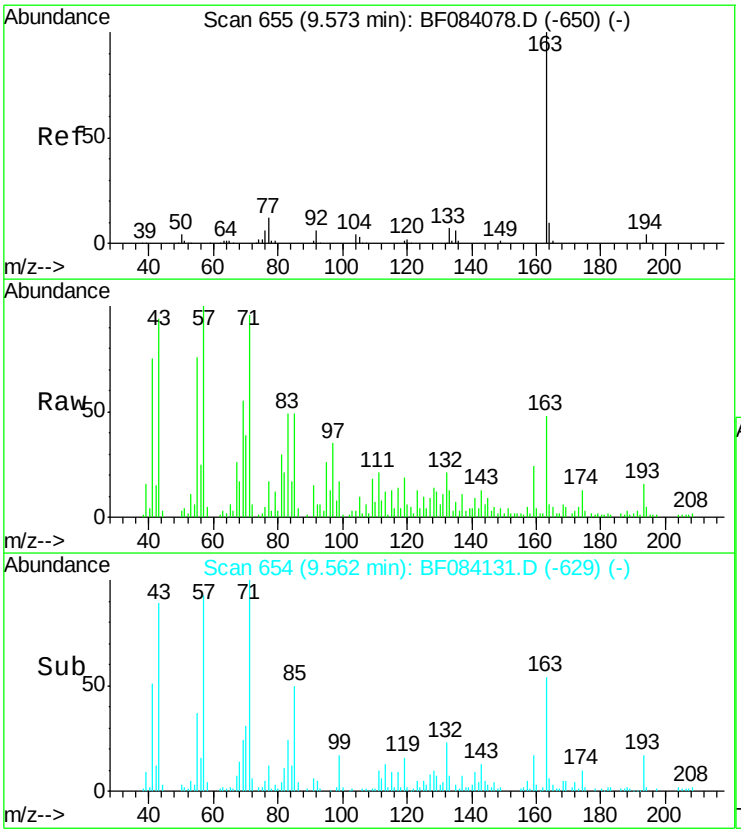
#45
1,1'-Biphenyl
Concen: 3.98 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:154 Resp: 30126

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.6	61.6
76	9.0	0.0	32.7

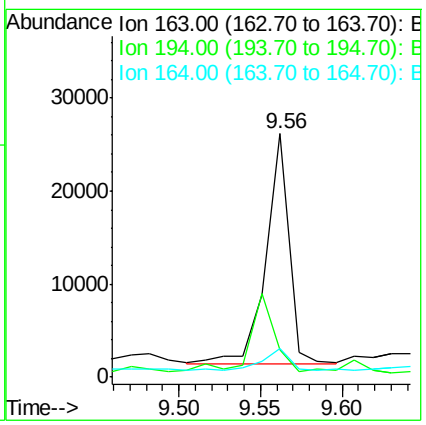


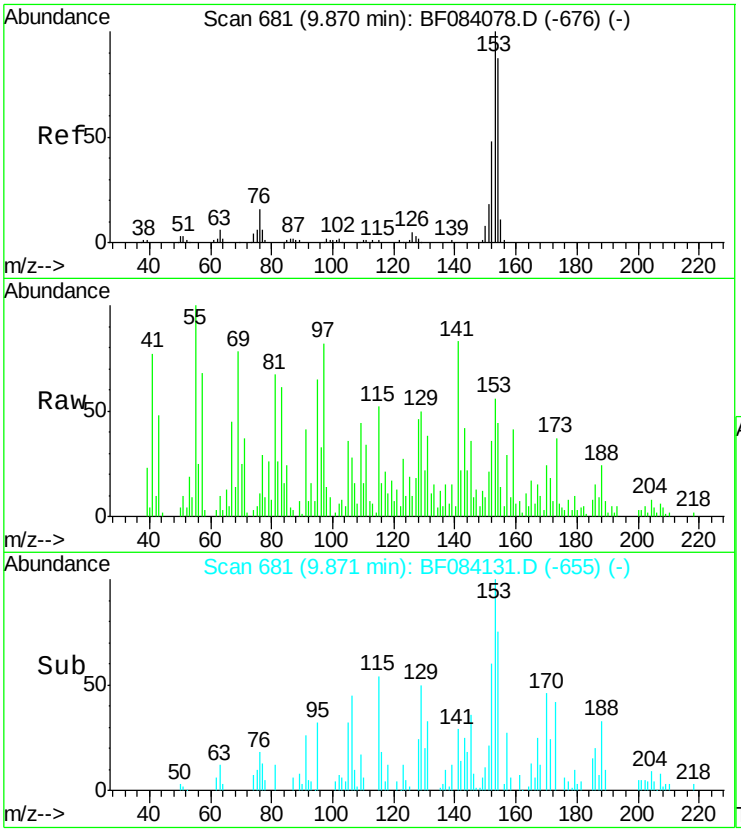


#49
Dimethylphthalate
Concen: 3.54 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:163 Resp: 24557

Ion	Ratio	Lower	Upper
163	100		
194	11.0	8.0	12.0
164	11.8	8.0	12.0



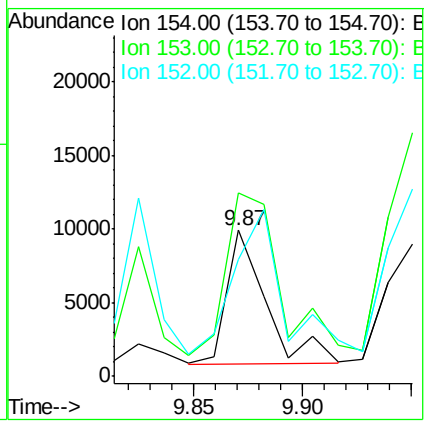


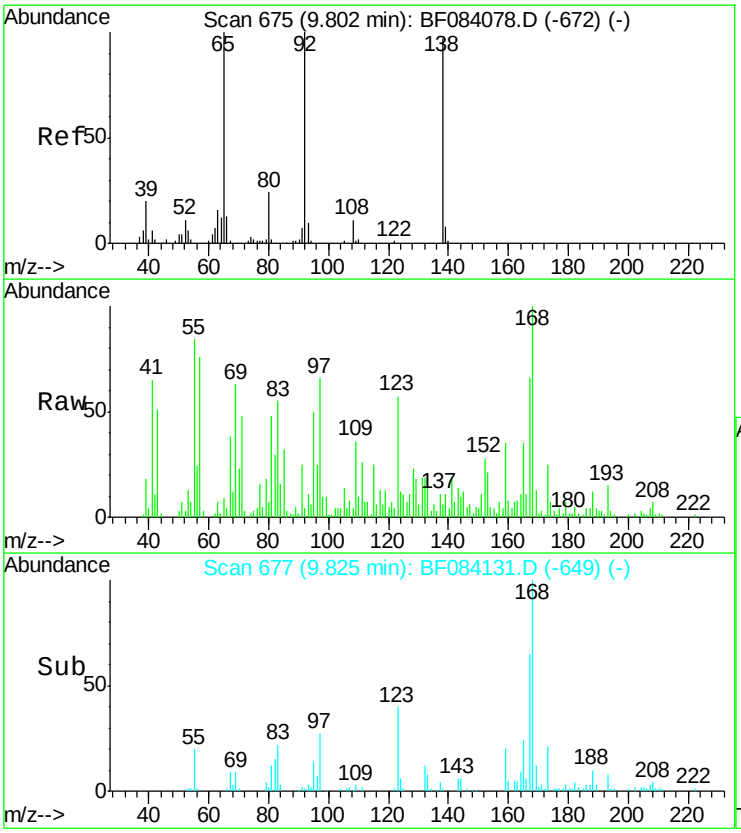
#51
Acenaphthene
Concen: 2.06 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:154 Resp: 11320

Ion	Ratio	Lower	Upper
154	100		
153	125.7	91.5	137.3
152	80.3	43.0	64.6#

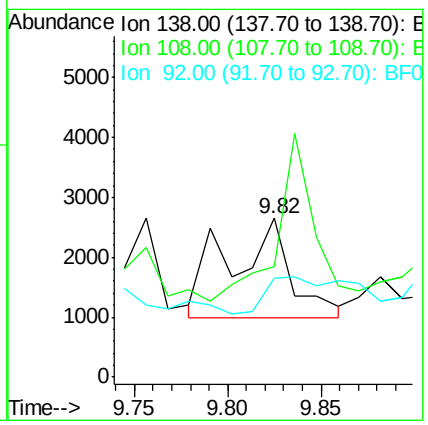


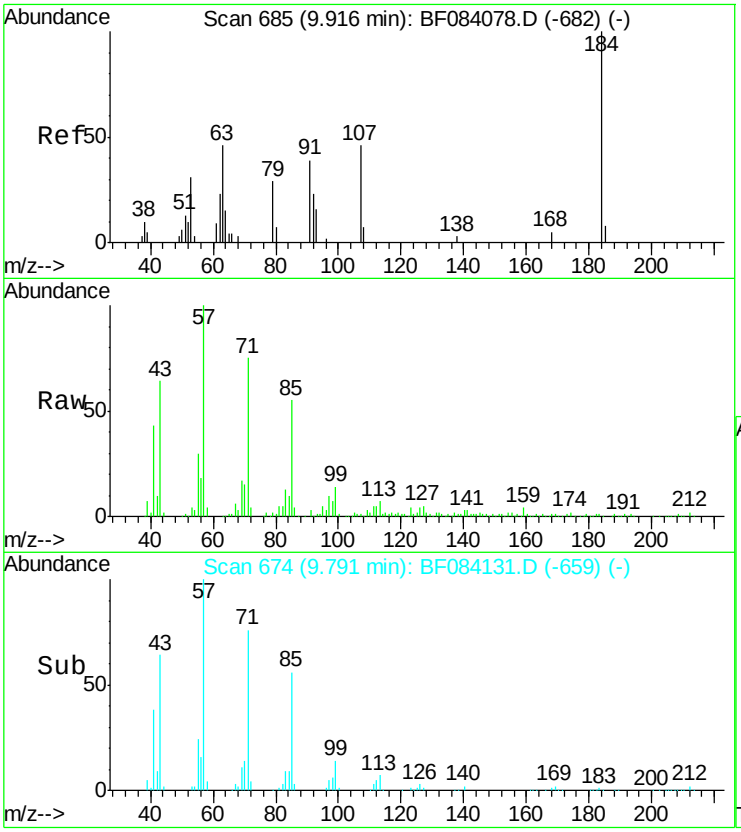


#52
3-Nitroaniline
Concen: 2.43 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.02 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:138 Resp: 3830

Ion	Ratio	Lower	Upper
138	100		
108	69.6	10.5	15.7#
92	62.2	103.9	155.9#



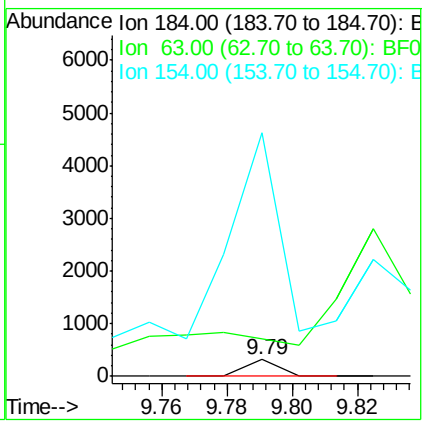


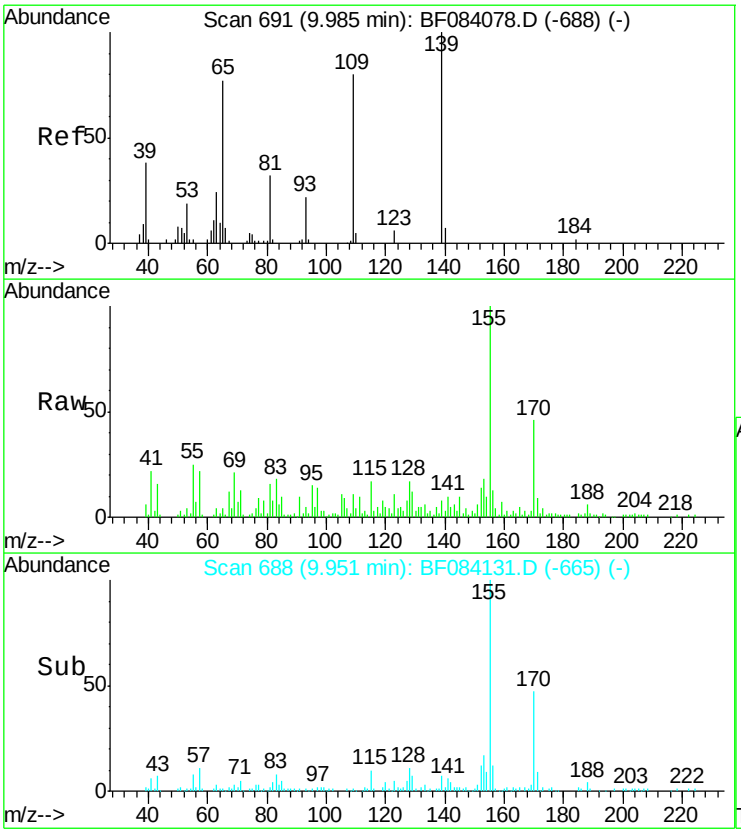
#53
2,4-Dinitrophenol
Concen: 9.45 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.13 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:184 Resp: 215

Ion	Ratio	Lower	Upper
184	100		
63	224.2	43.1	64.7#
154	1472.3	60.5	90.7#

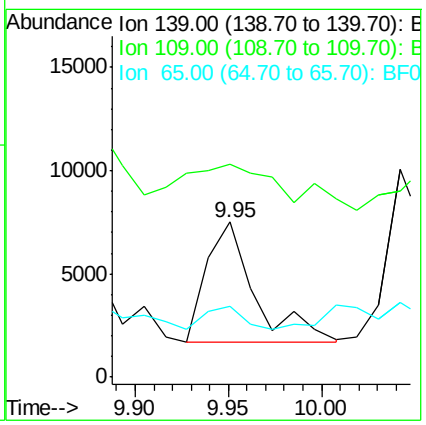


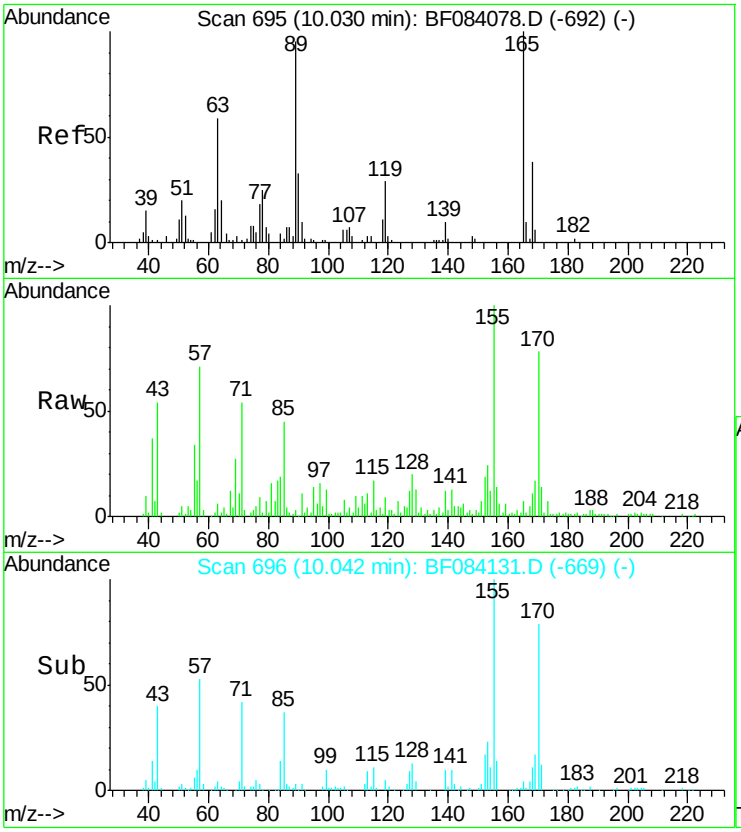


#55
4-Nitrophenol
Concen: 12.93 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:139 Resp: 10422

Ion	Ratio	Lower	Upper
139	100		
109	137.1	58.5	98.5#
65	45.3	57.6	97.6#



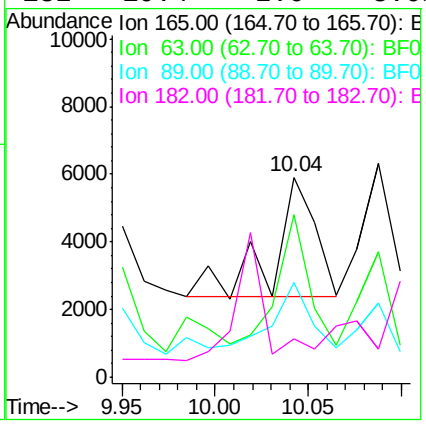


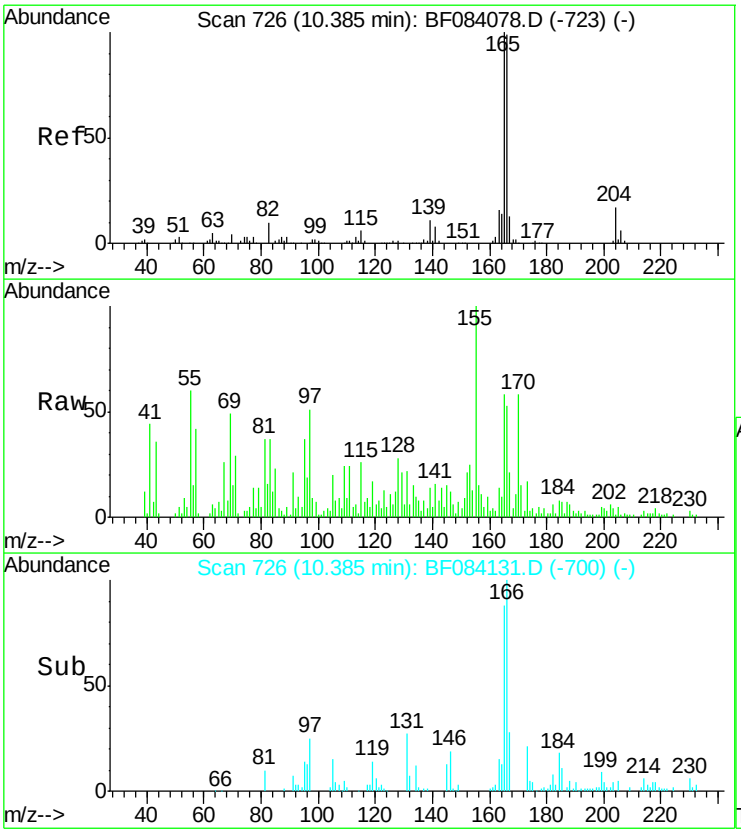
#56
2,4-Dinitrotoluene
Concen: 2.88 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:165 Resp: 5591

Ion	Ratio	Lower	Upper
165	100		
63	81.1	36.7	55.1#
89	47.4	61.9	92.9#
182	19.4	2.0	3.0#

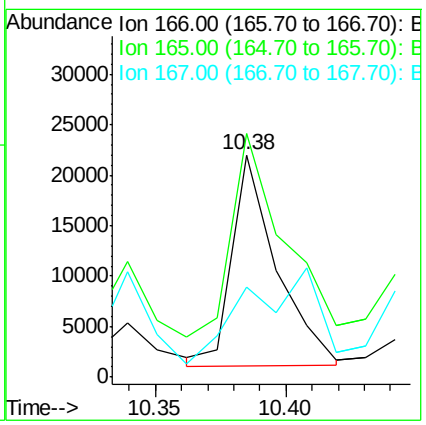


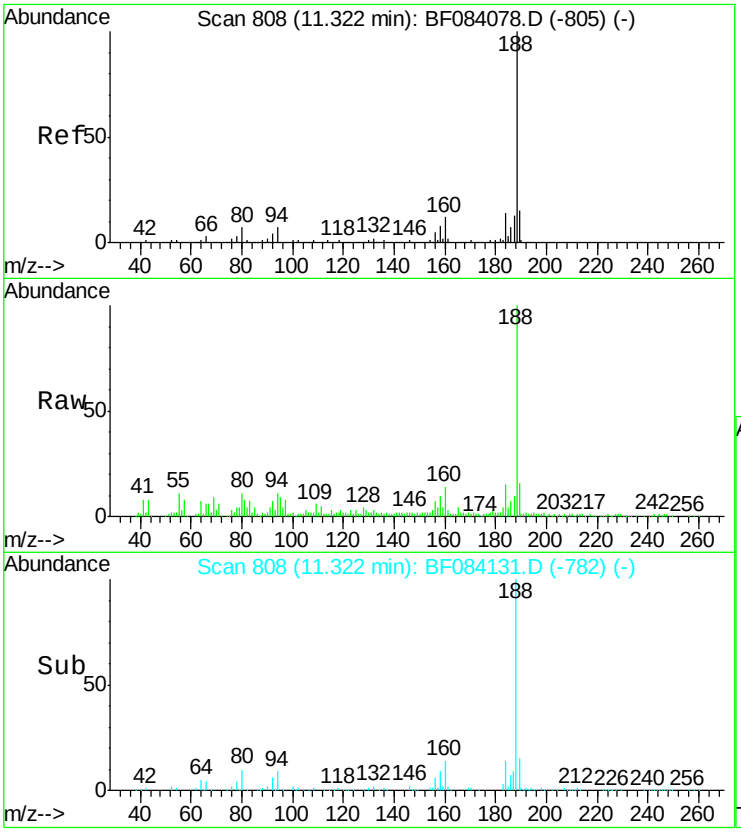


#57
Fluorene
Concen: 3.91 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:166 Resp: 25085

Ion	Ratio	Lower	Upper
166	100		
165	109.7	79.1	118.7
167	40.8	10.4	15.6#



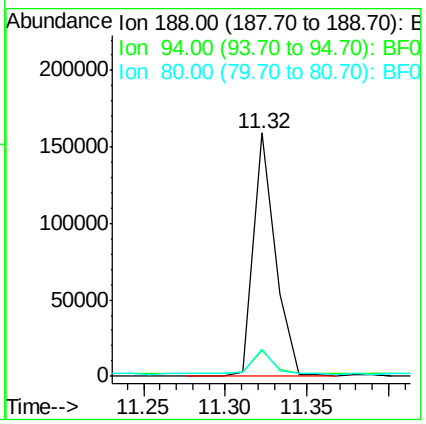


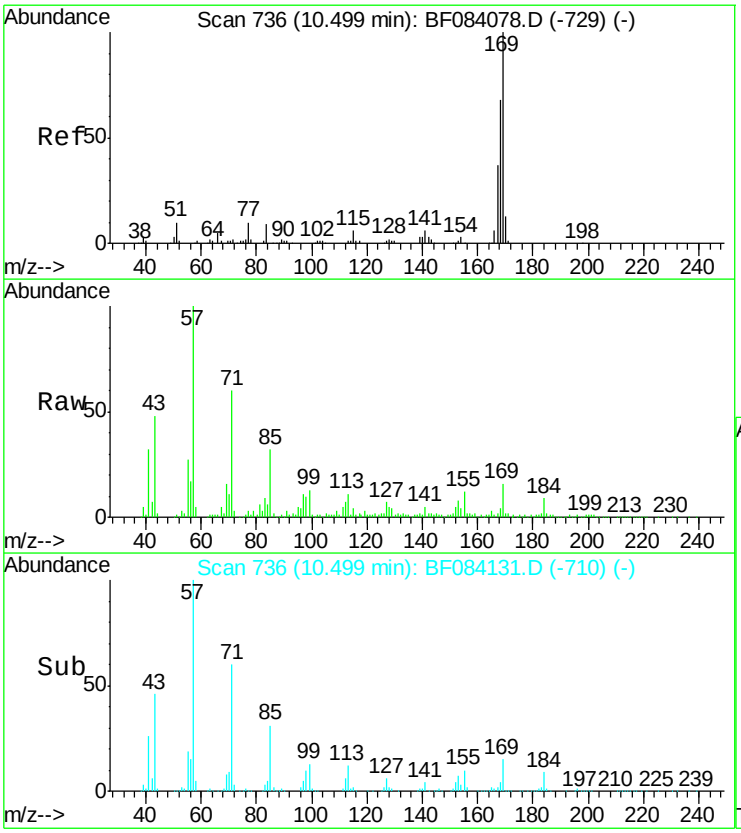
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:188 Resp: 148092

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.0	13.4
80	11.4	9.6	14.4

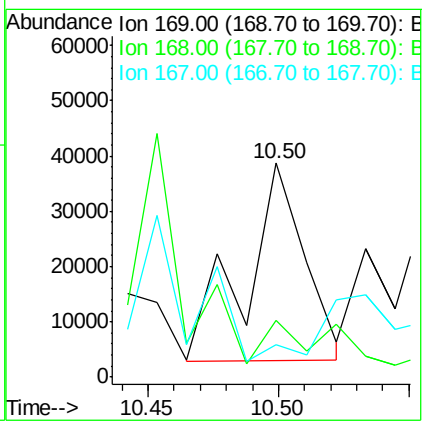


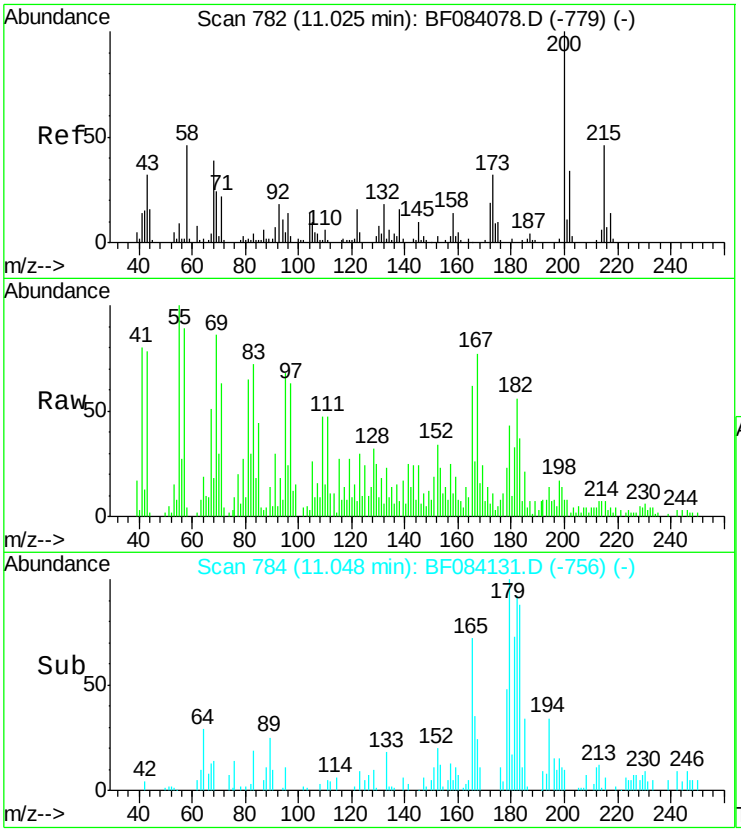


#65
n-Nitrosodiphenylamine
Concen: 10.69 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:169 Resp: 56444

Ion	Ratio	Lower	Upper
169	100		
168	26.4	55.1	82.7#
167	15.0	30.0	45.0#



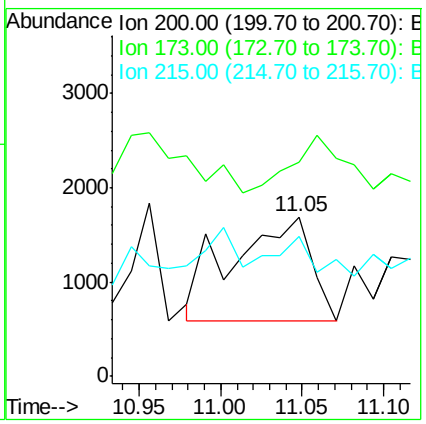


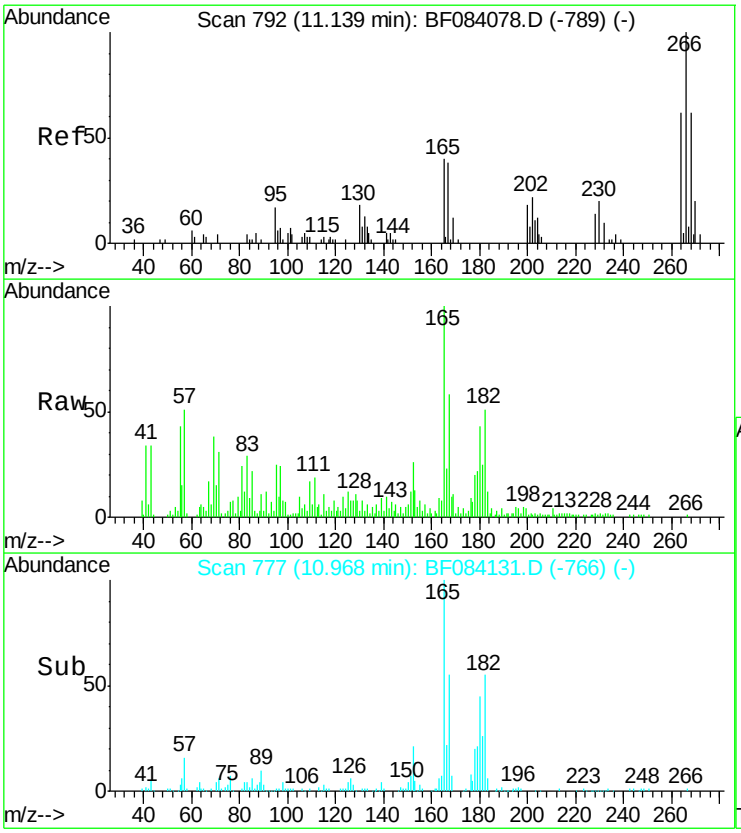
#68
Atrazine
Concen: 2.32 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.02 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:200 Resp: 3685

Ion	Ratio	Lower	Upper
200	100		
173	134.1	9.5	49.5#
215	87.8	23.8	63.8#

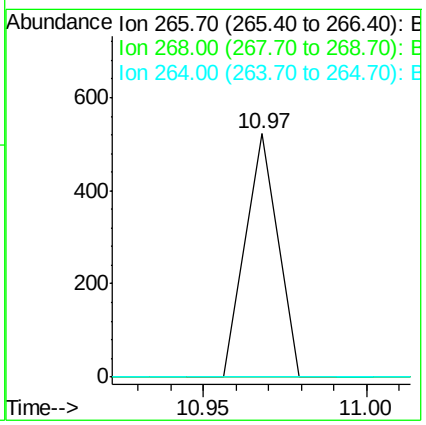


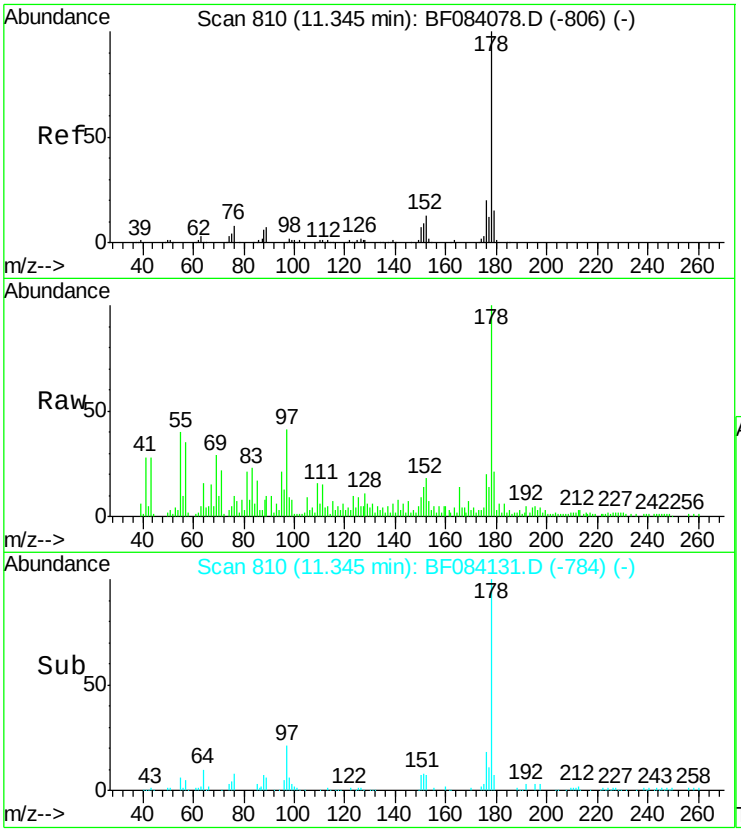


#69
Pentachlorophenol
Concen: 8.25 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.17 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:266 Resp: 359

Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.4	78.6#
264	0.0	50.2	75.2#



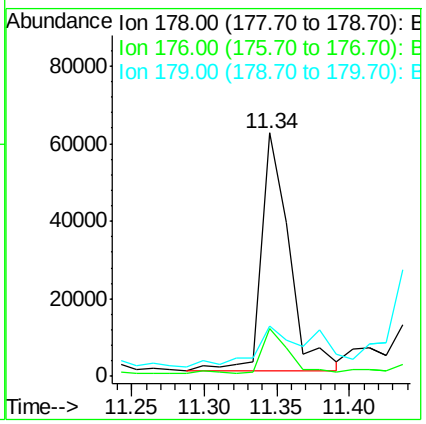


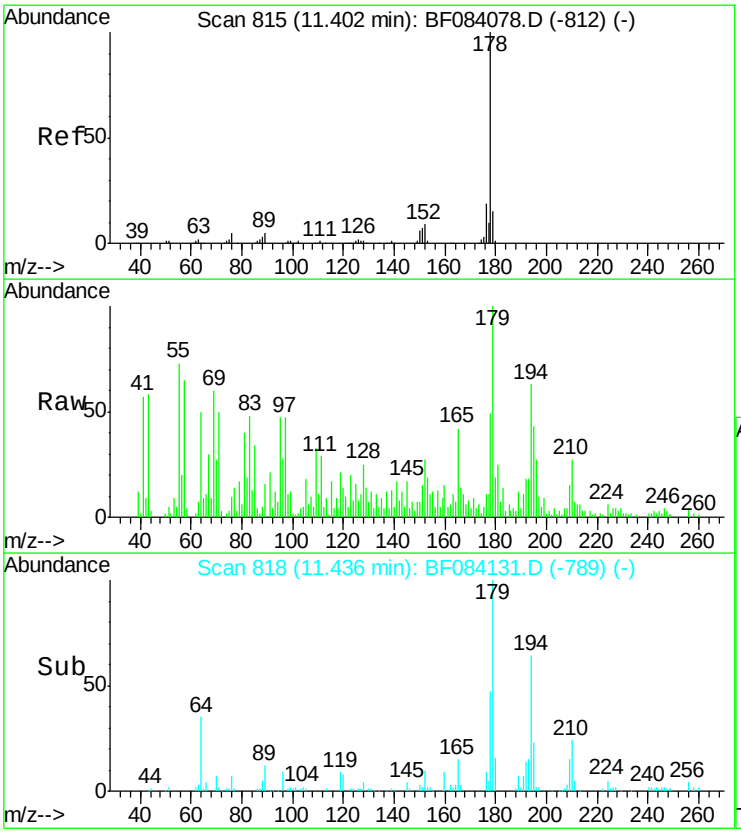
#70
Phenanthrene
Concen: 9.22 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:178 Resp: 80963

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	20.8	12.0	18.0#

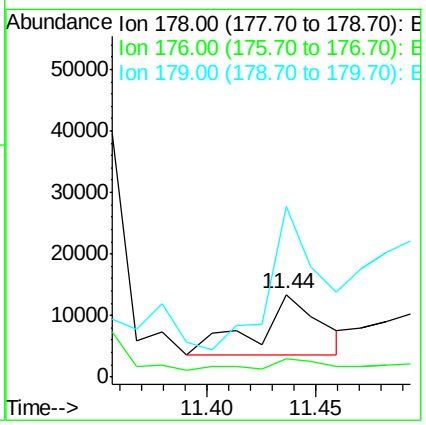


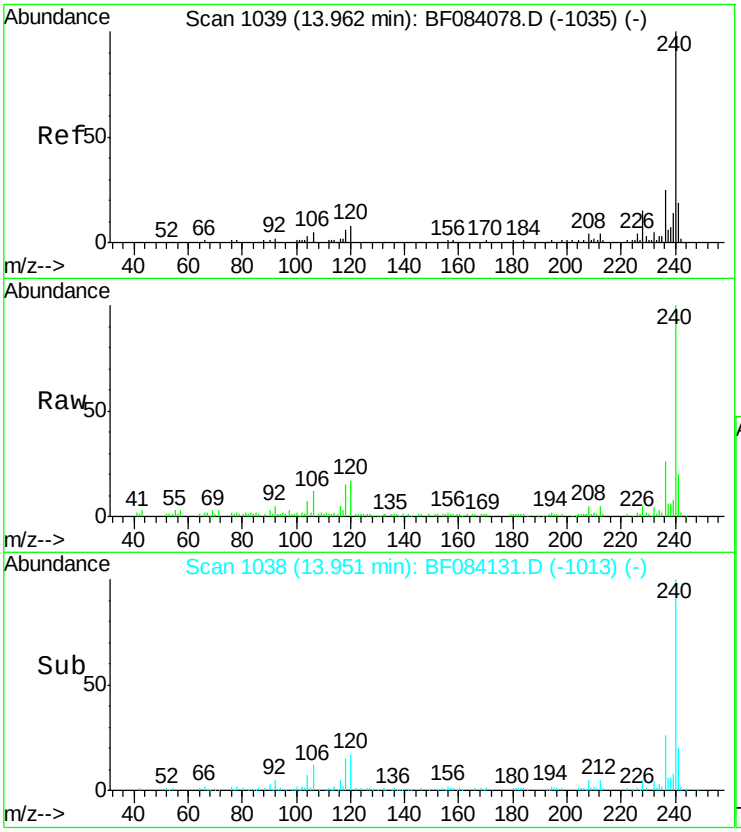


#71
Anthracene
Concen: 2.12 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.03 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:178 Resp: 19457

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.4	23.0
179	205.3	12.5	18.7#



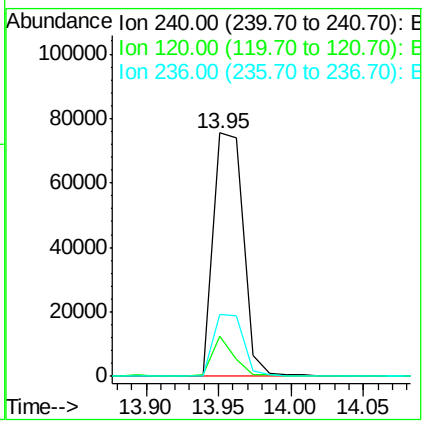


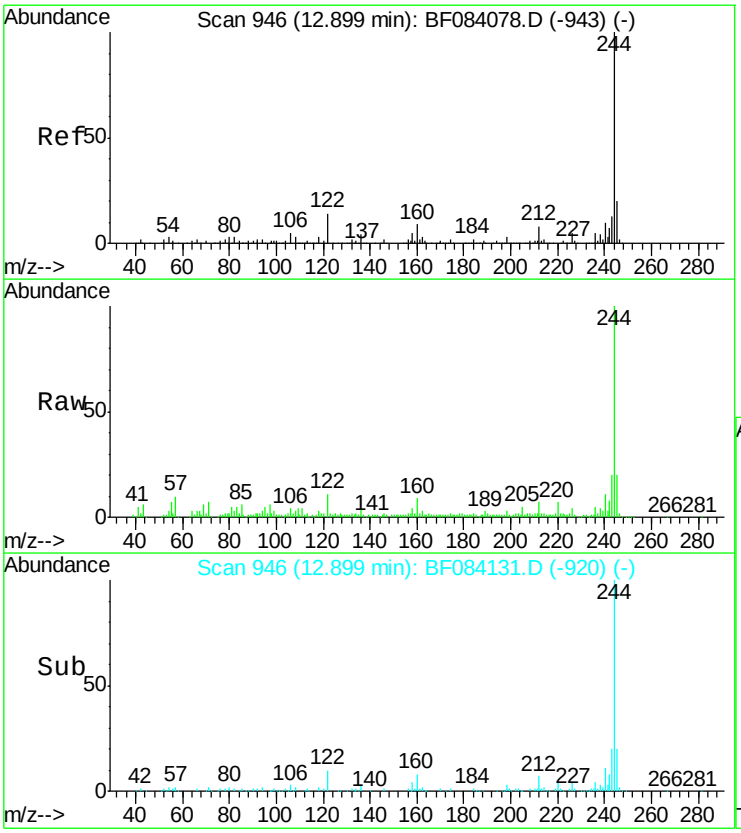
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:240 Resp: 108276

Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	25.5	20.6	31.0

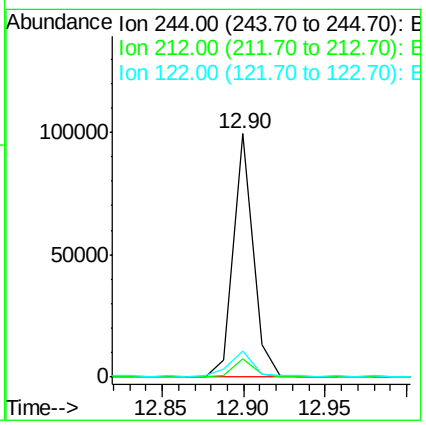


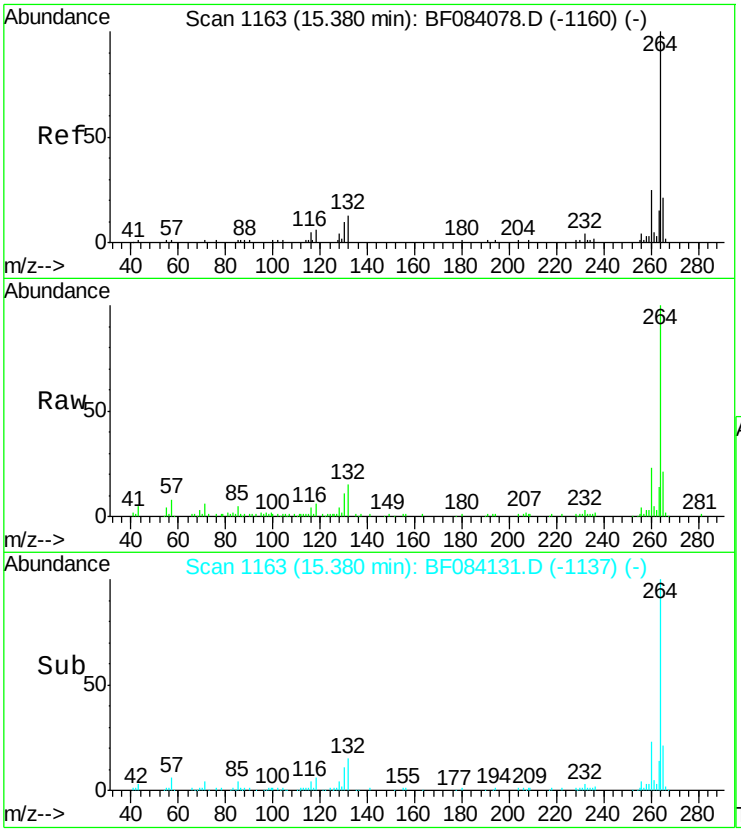


#78
Terphenyl-d14
Concen: 13.82 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Tgt Ion:244 Resp: 82717

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	10.6	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084131.D
Acq: 25 Dec 2015 15:56

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK2DL

Tgt Ion:264 Resp: 104353

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	20.7	17.8	26.6