Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078871.D
Acq On : 1 May 2015 2:32
Operator : TP/IZ
Sample : G2044-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-57D

Quant Time: May 01 03:27:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	77555	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	325989	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	151853	20.00	ng		0.00
63) Phenanthrene-d10	12.97	188	287536	20.00	ng		0.00
75) Chrysene-d12	16.26	240	300124	20.00	ng		-0.01
86) Perylene-d12	18.00	264	321892	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	548921	121.84	ng		0.00
7) Phenol-d6	6.92	99	765173	128.48	ng		0.01
23) Nitrobenzene-d5	8.06	82	397621	70.10	ng		0.00
41) 2,4,6-Tribromophenol	12.10	330	199210	121.26	ng		0.00
44) 2-Fluorobiphenyl	10.30	172	733249	67.27	ng		0.00
78) Terphenyl-d14	14.97	244	781381	62.33	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.57	122	1427	6.74	ng	#	79
49) Dimethylphthalate	10.80	163	46922	4.21	ng		99
70) Phenanthrene	13.01	178	35895	2.23	ng		97
71) Anthracene	13.01	178	35893	2.27	ng		98
74) Fluoranthene	14.48	202	49166	2.93	ng		99
77) Pyrene	14.77	202	56230	3.25	ng		97
87) Benzo(b)fluoranthene	17.54	252	36237	2.06	ng	#	93
88) Benzo(k)fluoranthene	17.54	252	36941	2.17	ng	#	94

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

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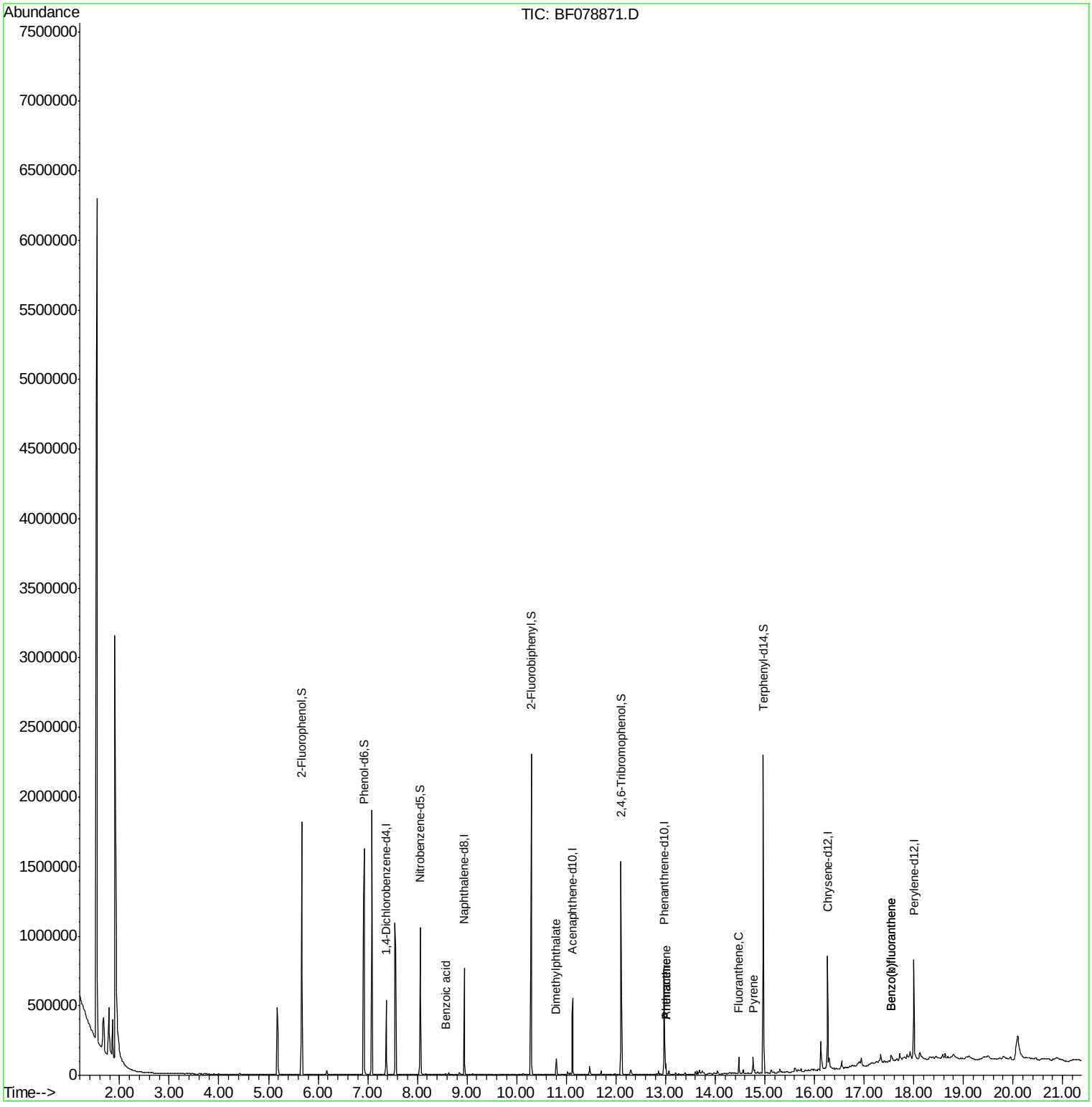
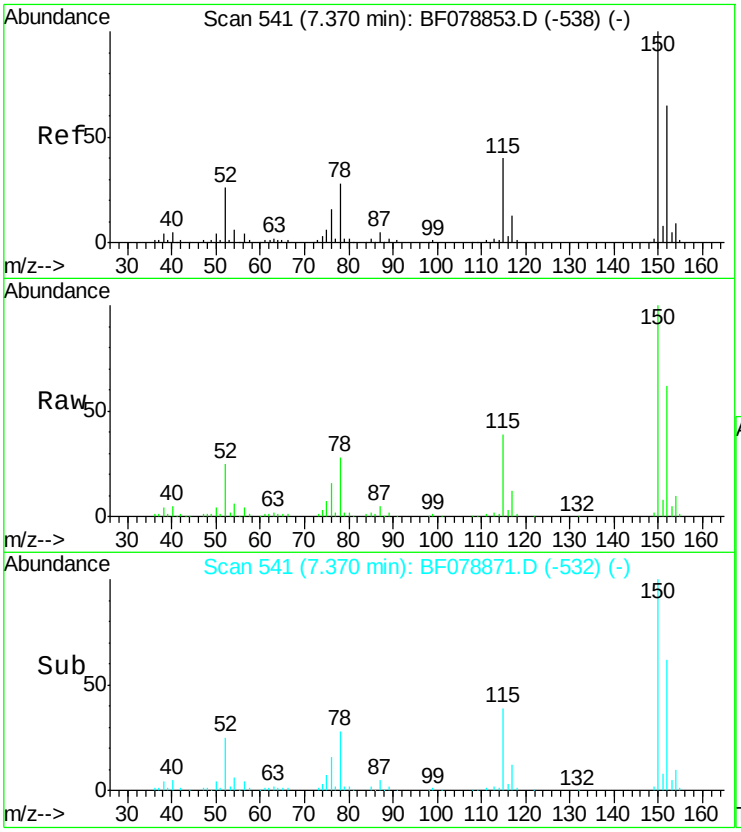
QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration



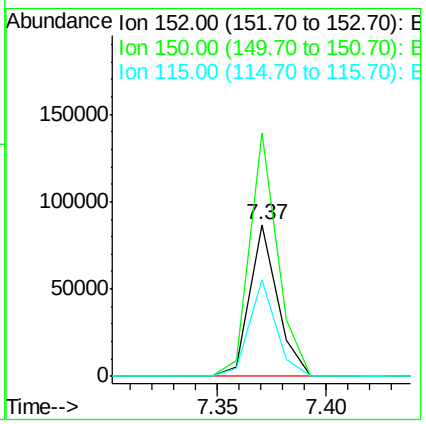


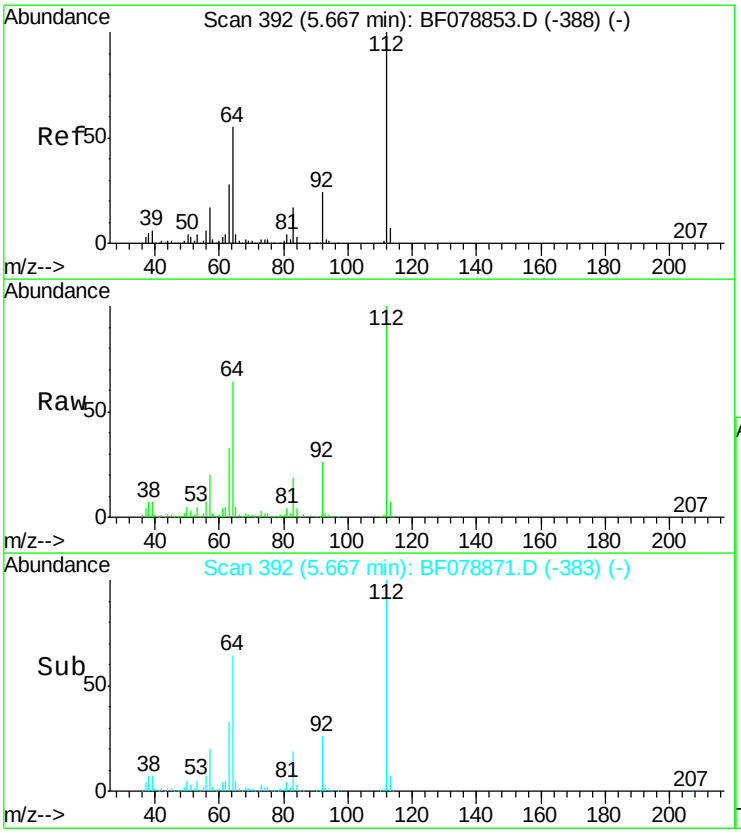
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:152 Resp: 77555

Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.0	183.0
115	63.2	46.3	69.5

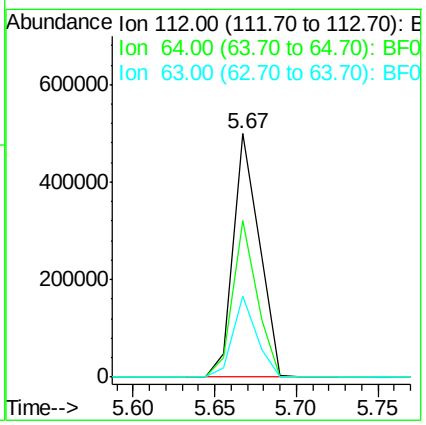


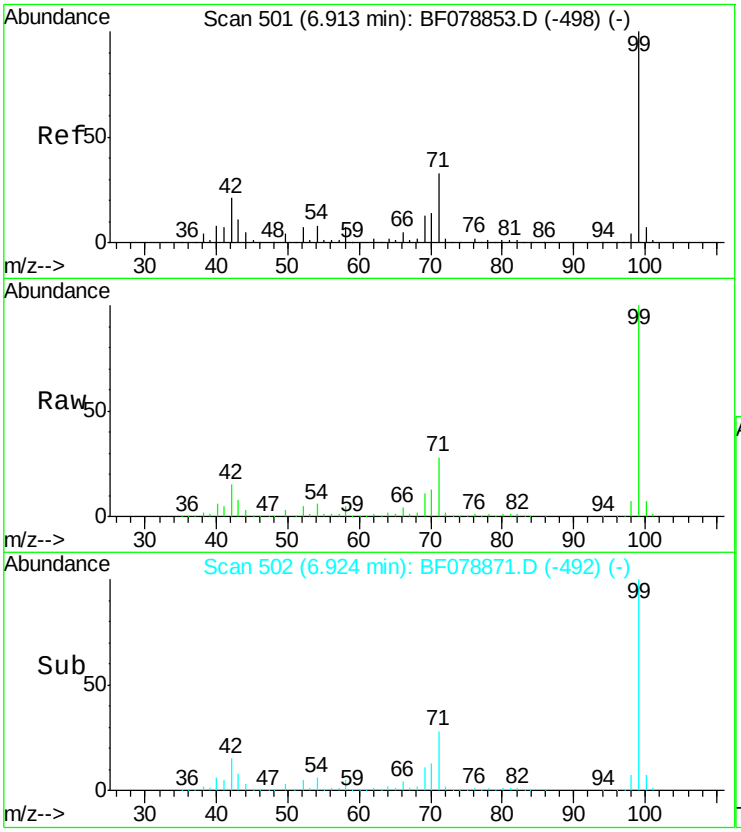


#5
2-Fluorophenol
Concen: 121.84 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:112 Resp: 548921

Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.5	80.3
63	33.0	27.5	41.3



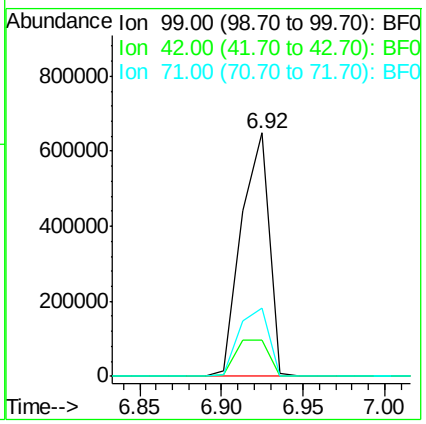


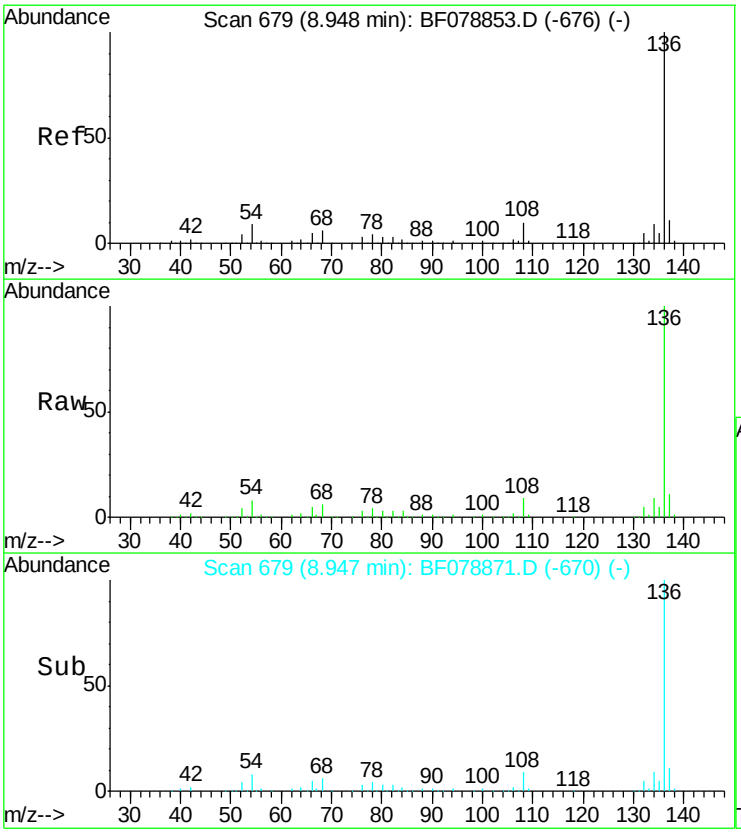
#7
Phenol-d6
Concen: 128.48 ng
RT: 6.92 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion: 99 Resp: 765173

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	27.9	23.4	35.2

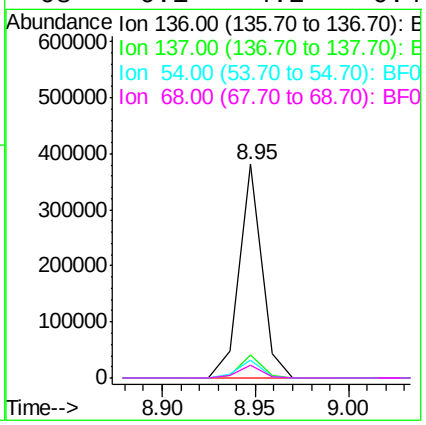


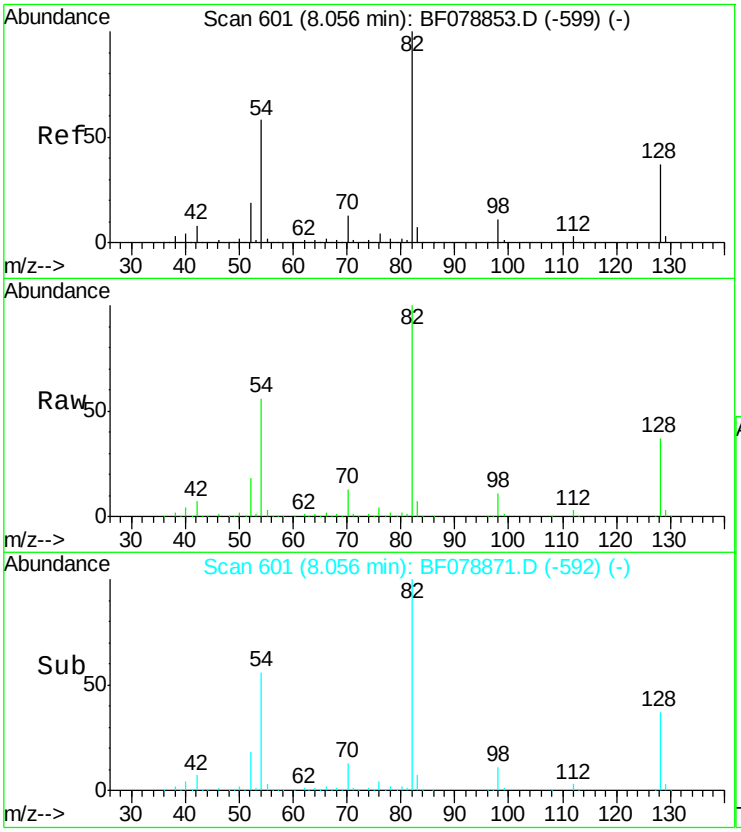


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:136 Resp: 325989

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.1	5.8	8.8
68	6.1	4.2	6.4



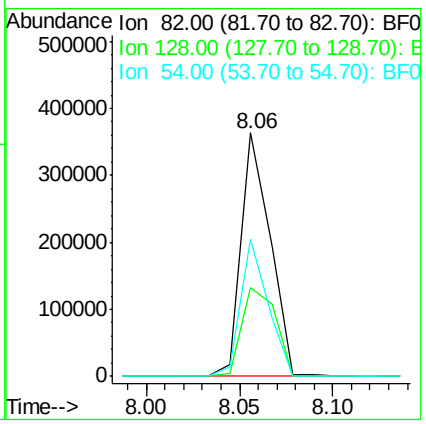


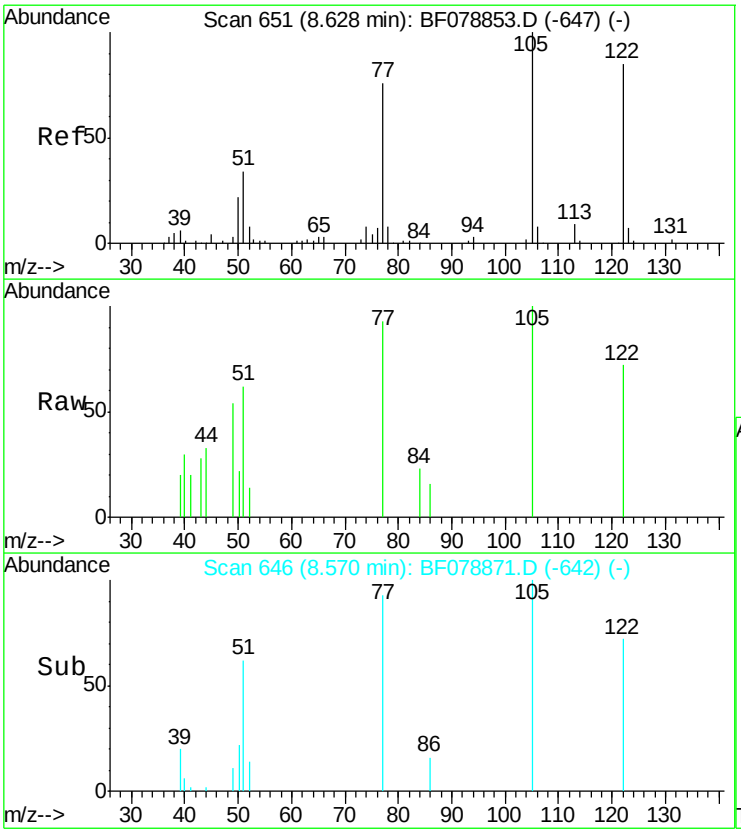
#23
Nitrobenzene-d5
Concen: 70.10 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion: 82 Resp: 397621

Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.0	45.0
54	56.4	46.4	69.6

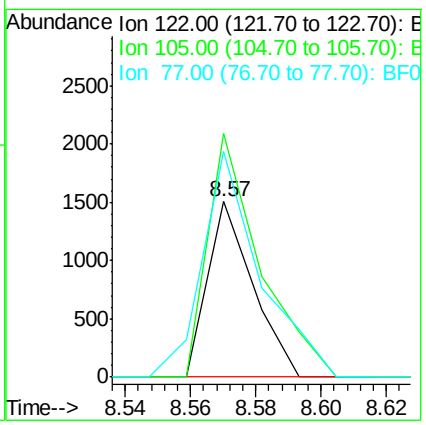


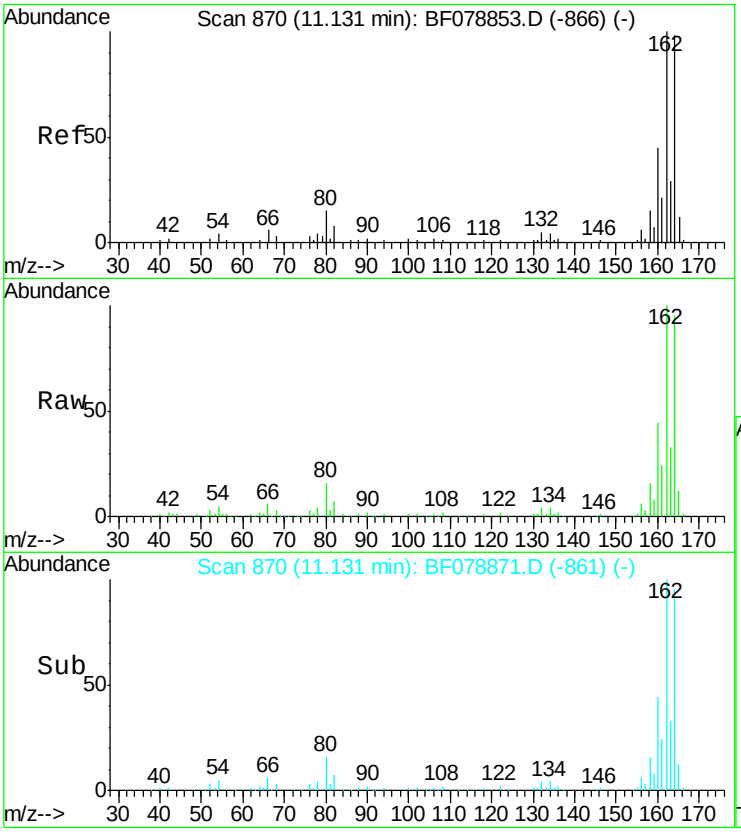


#32
Benzoic acid
Concen: 6.74 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:122 Resp: 1427

Ion	Ratio	Lower	Upper
122	100		
105	138.9	107.1	147.1
77	129.1	73.9	113.9#



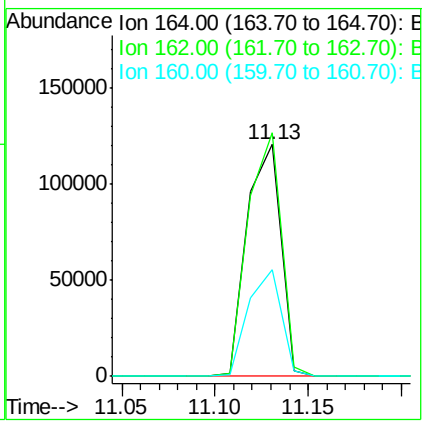


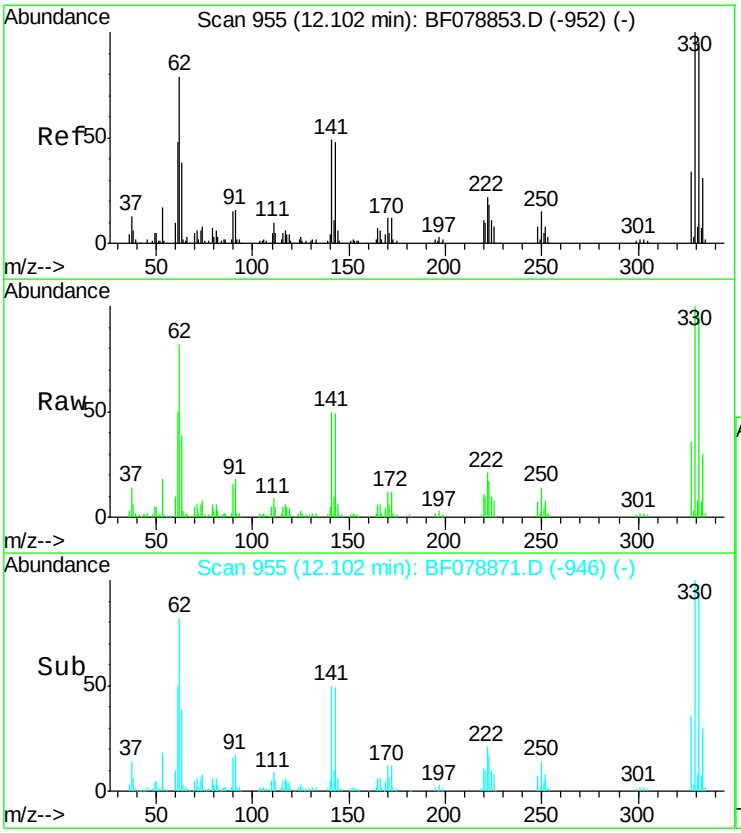
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:164 Resp: 151853

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.7	124.1
160	45.9	35.8	53.8

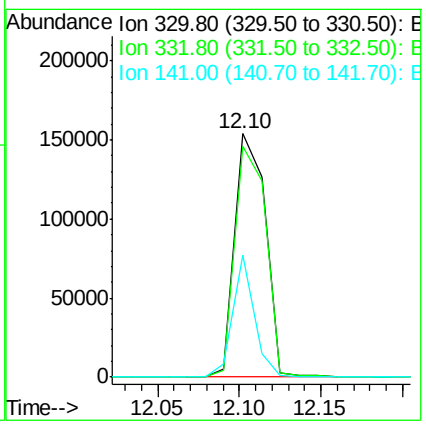


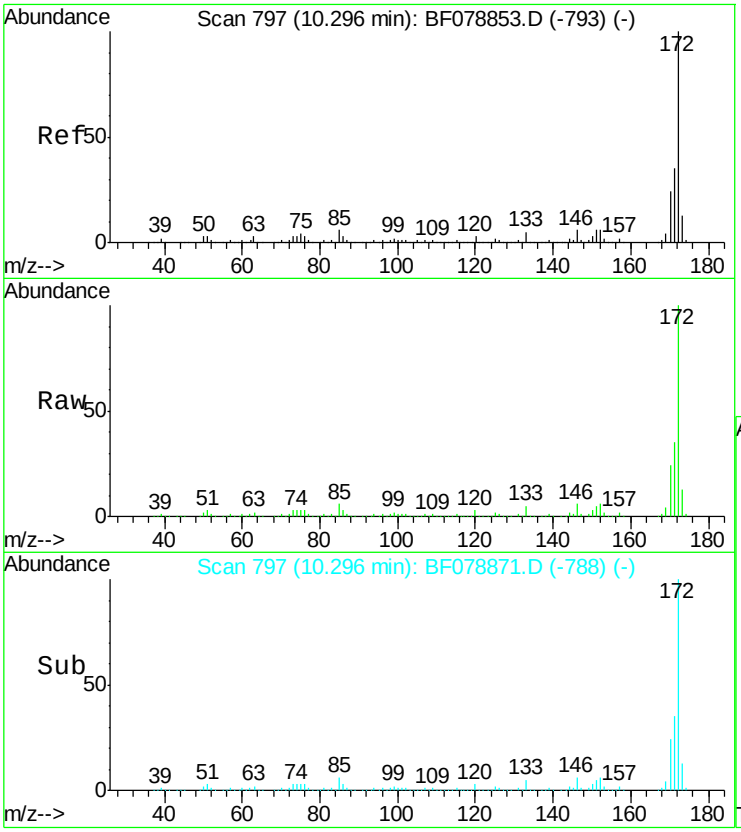


#41
2,4,6-Tribromophenol
Concen: 121.26 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:330 Resp: 199210

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.8	0.0	0.0#



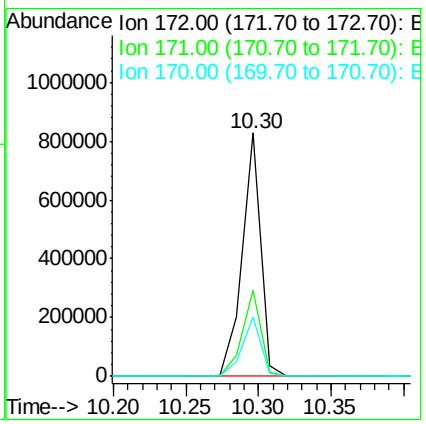


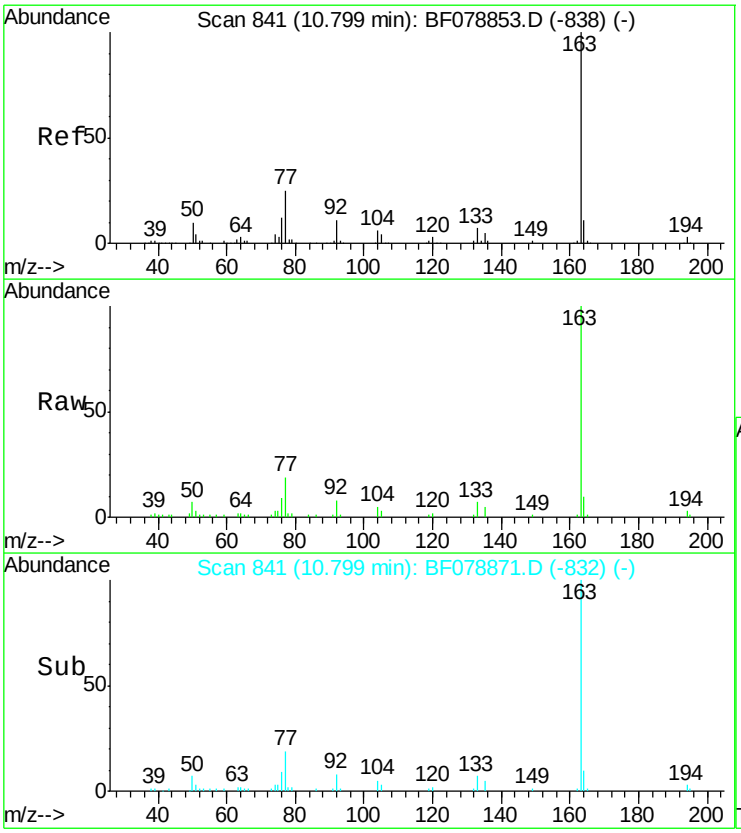
#44
2-Fluorobiphenyl
Concen: 67.27 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:172 Resp: 733249

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.2	19.4	29.0

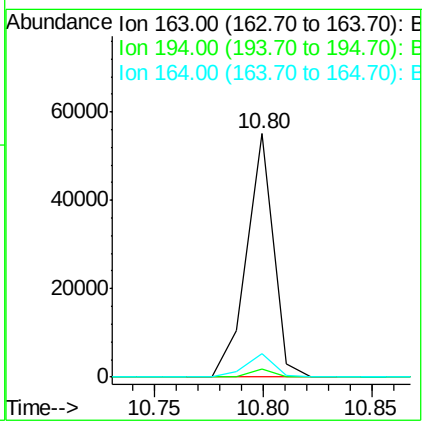


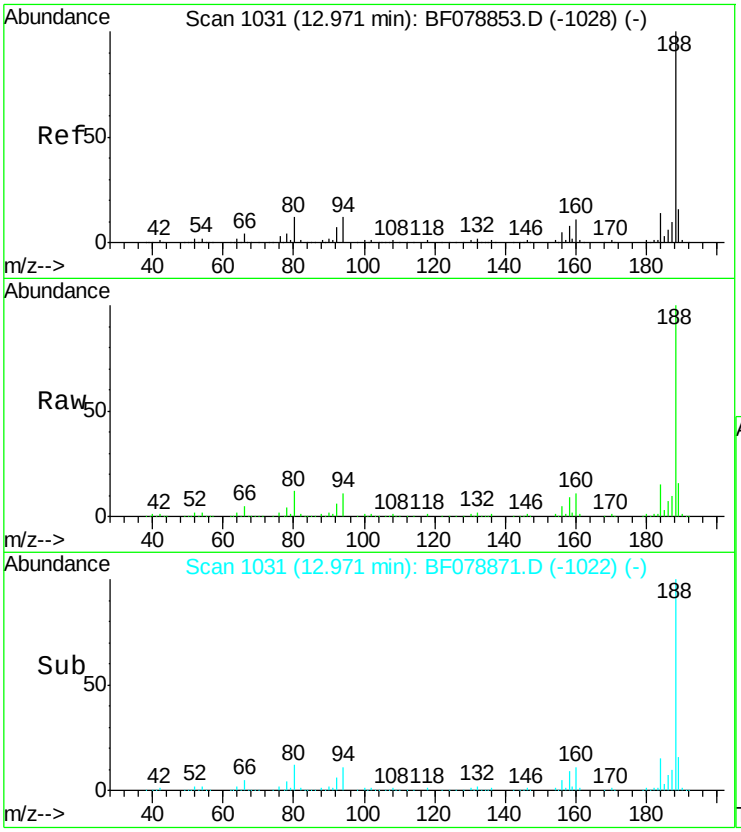


#49
Dimethylphthalate
Concen: 4.21 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:163 Resp: 46922

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.1	12.1



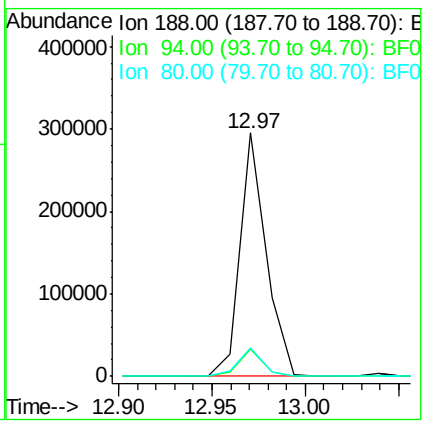


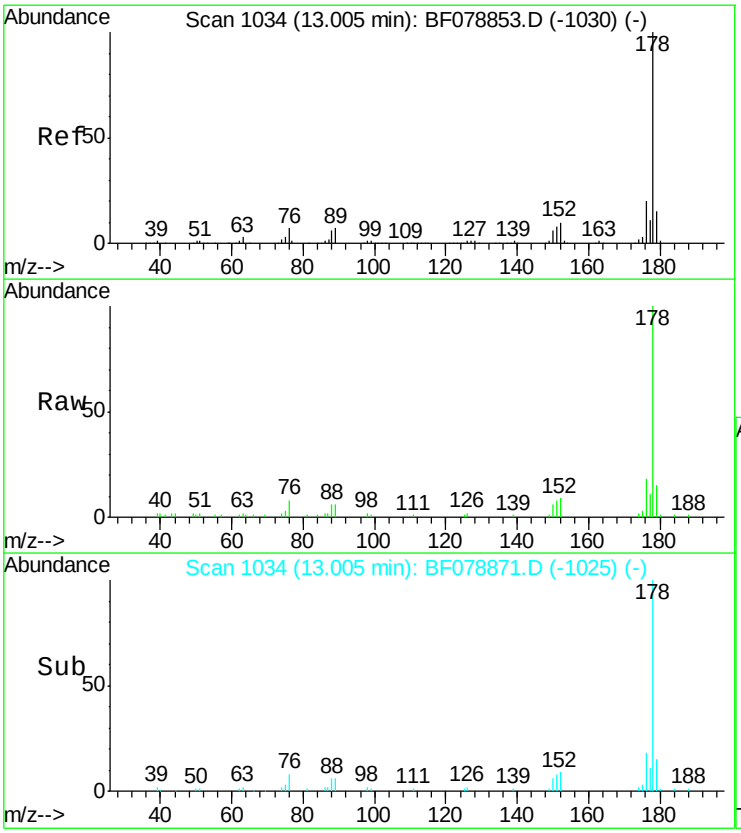
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:188 Resp: 287536

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.2	12.2
80	12.0	8.9	13.3

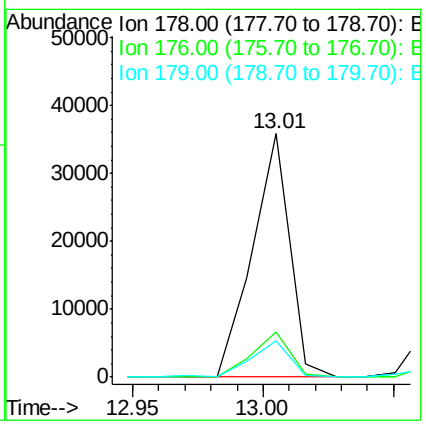


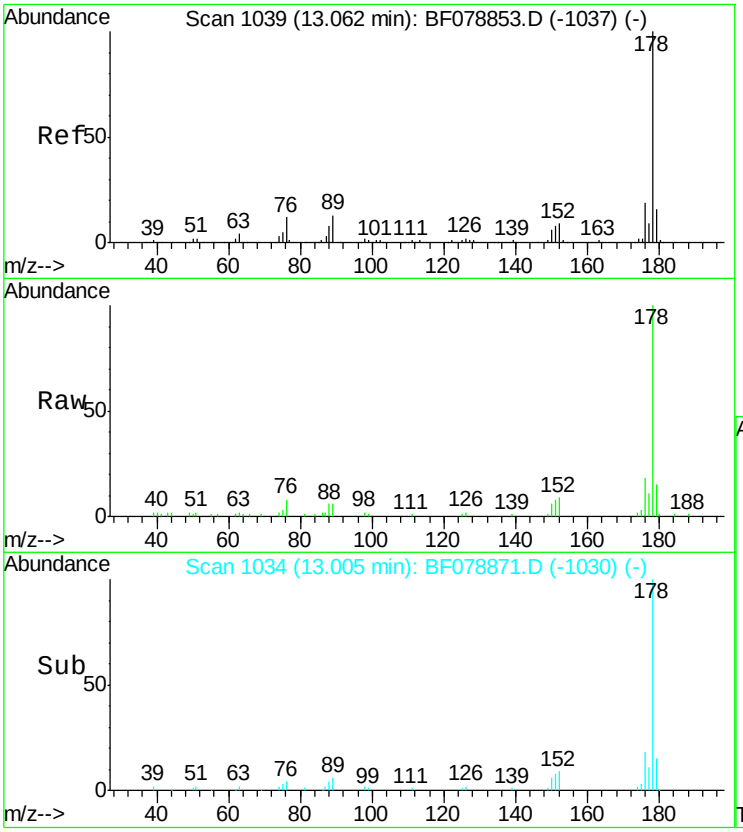


#70
Phenanthrene
Concen: 2.23 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:178 Resp: 35895

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.8	12.5	18.7



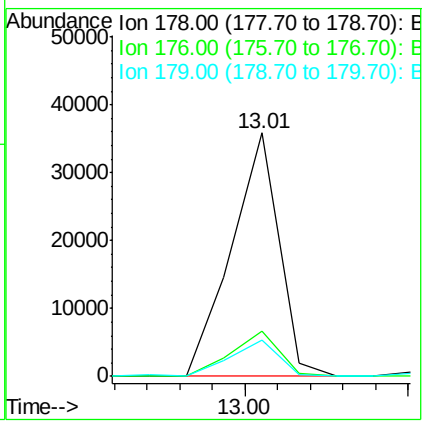


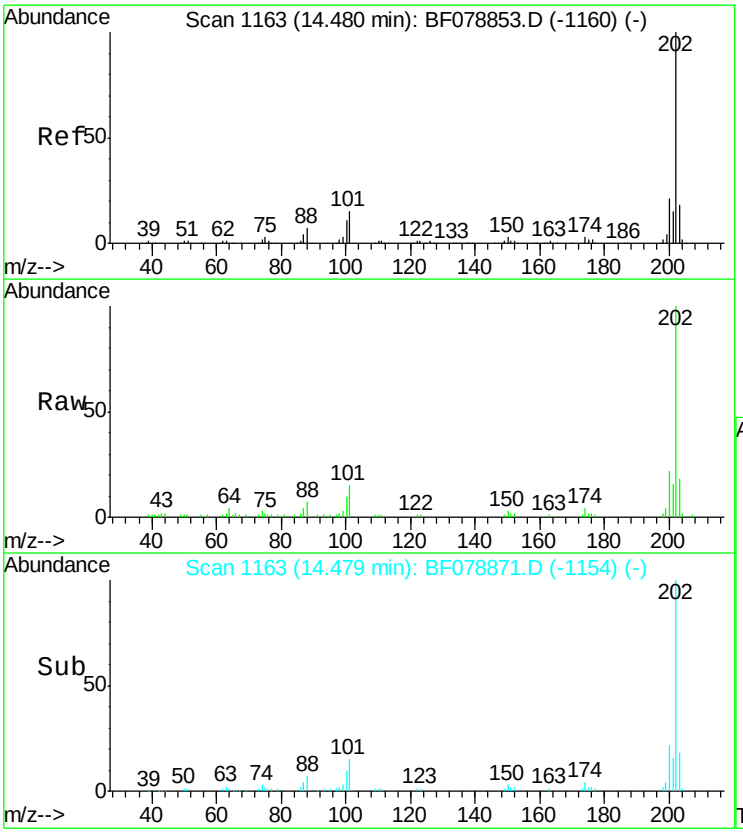
#71
Anthracene
Concen: 2.27 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:178 Resp: 35893

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	14.8	12.7	19.1

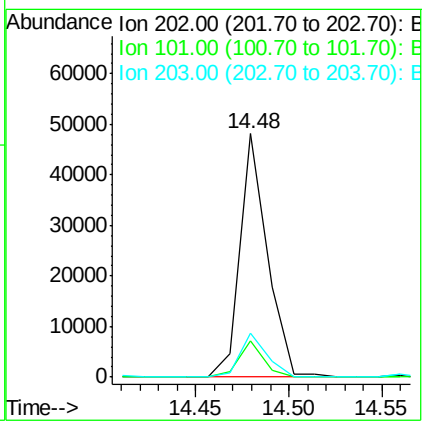


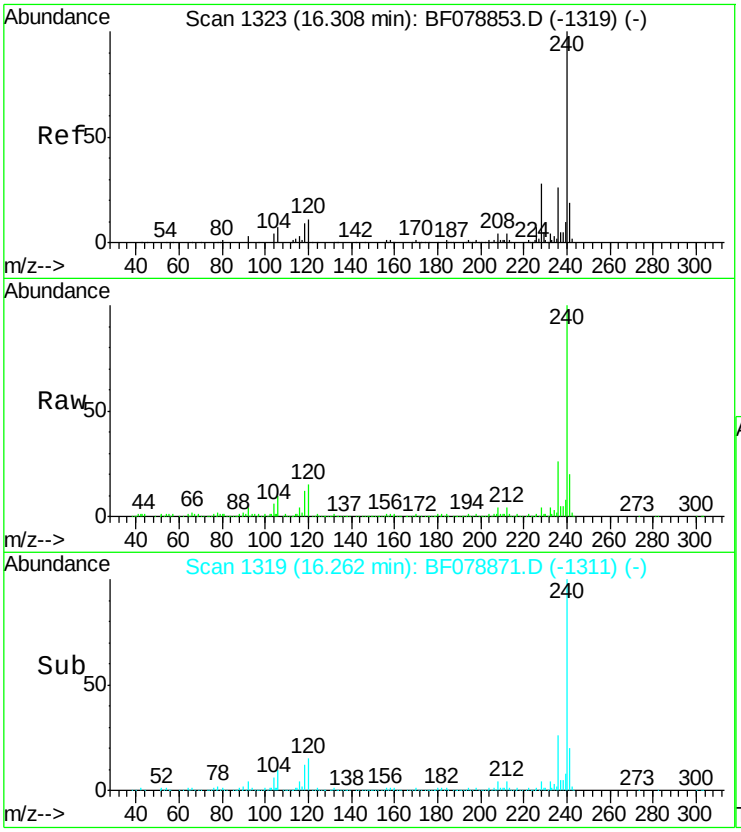


#74
Fluoranthene
Concen: 2.93 ng
RT: 14.48 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:202 Resp: 49166

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.6
203	18.1	0.0	38.4



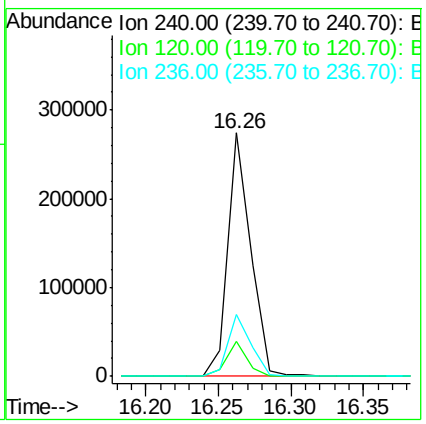


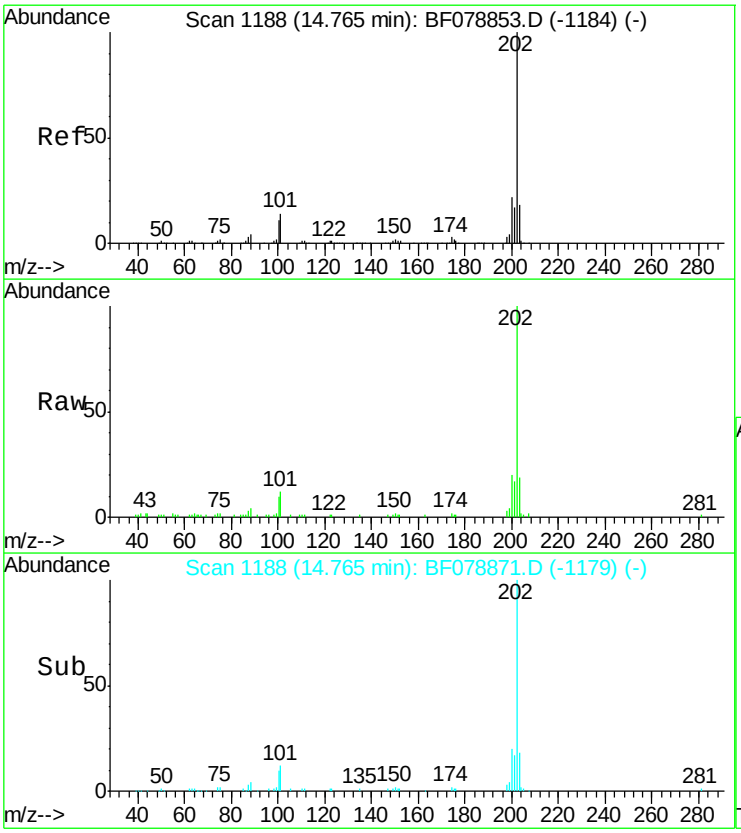
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:240 Resp: 300124

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.7	14.5#
236	25.5	20.2	30.4

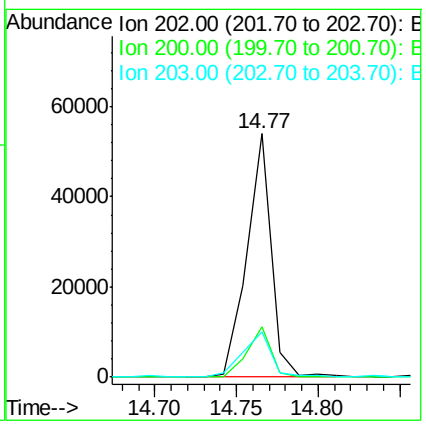


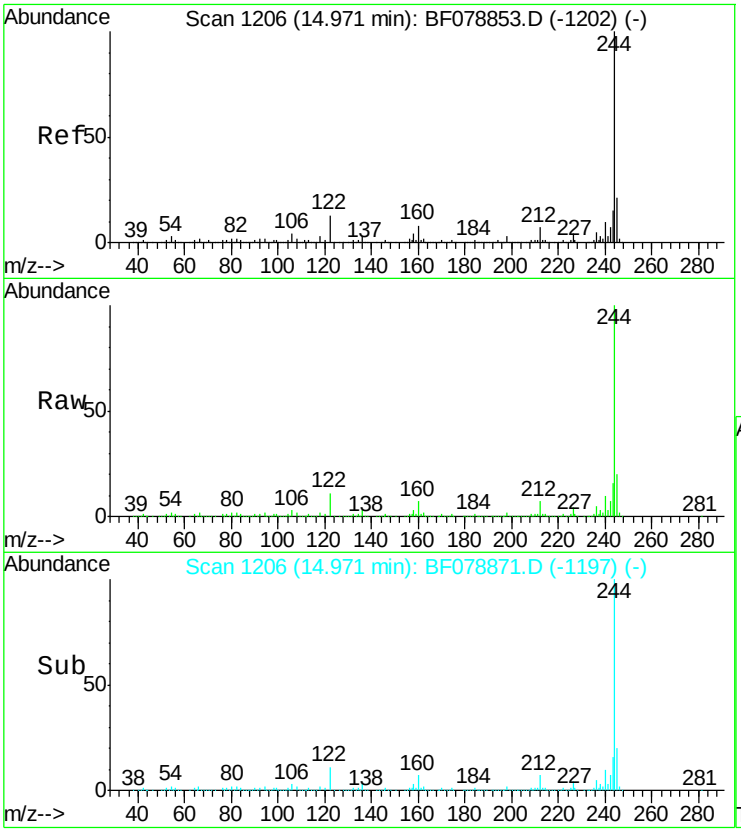


#77
Pyrene
Concen: 3.25 ng
RT: 14.77 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:202 Resp: 56230

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.5	26.3
203	18.8	13.9	20.9



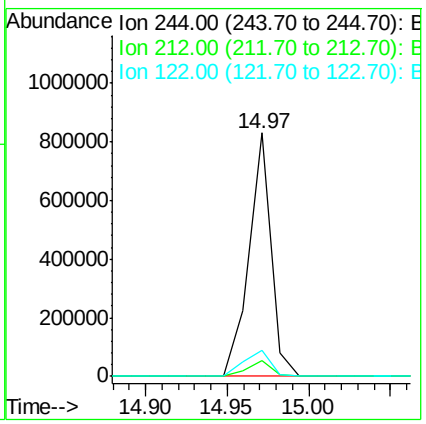


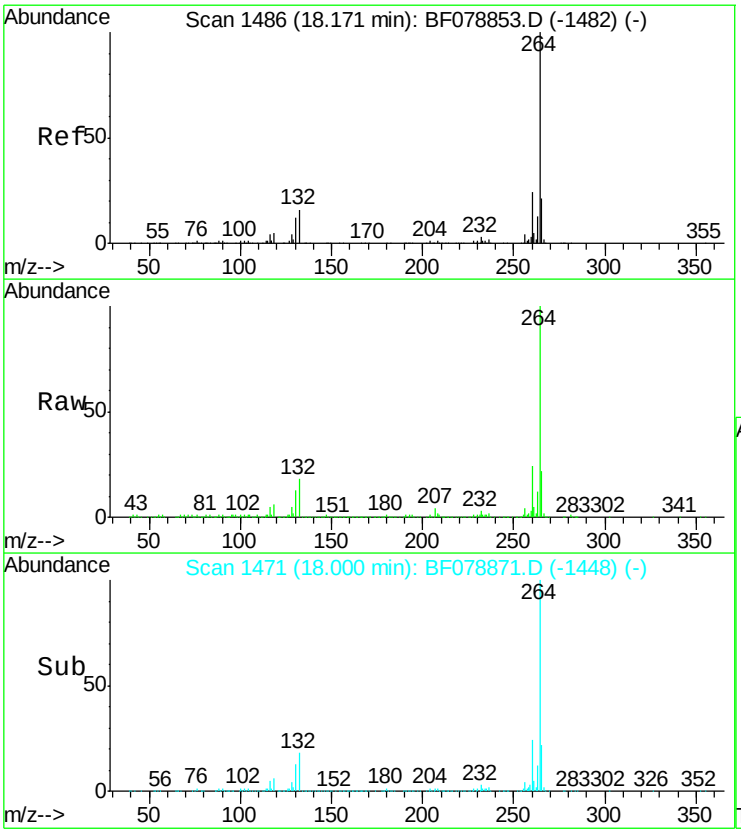
#78
Terphenyl-d14
Concen: 62.33 ng
RT: 14.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:244 Resp: 781381

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.9	10.3	15.5

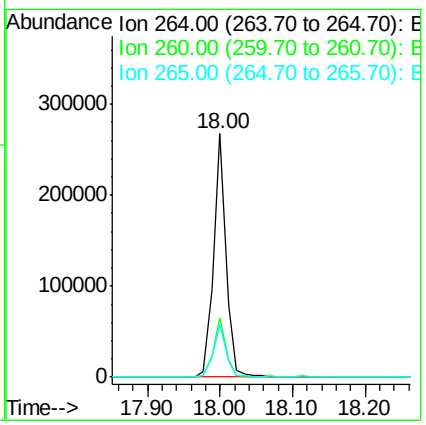


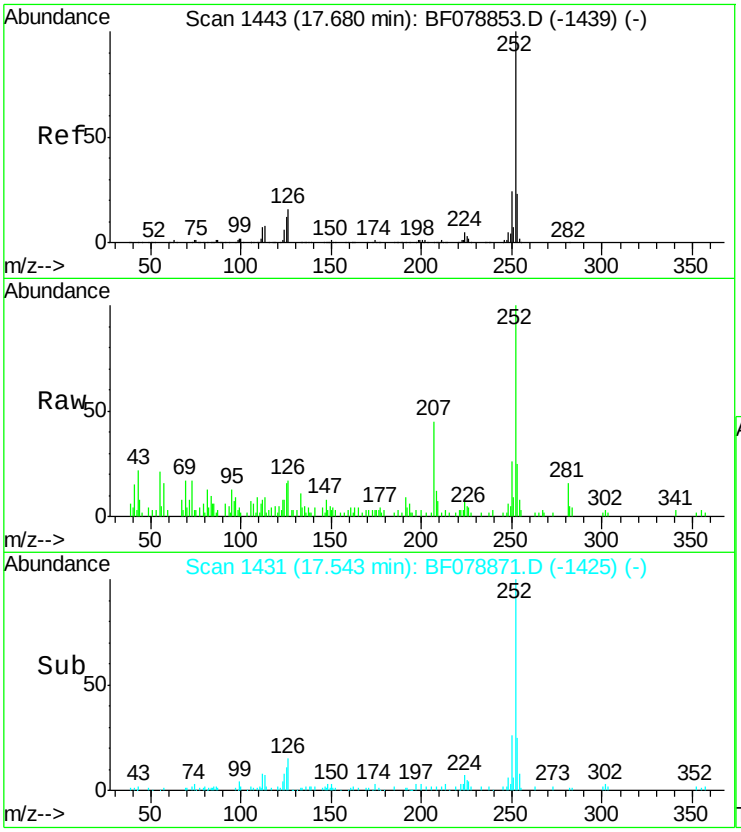


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:264 Resp: 321892

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	18.3	27.5



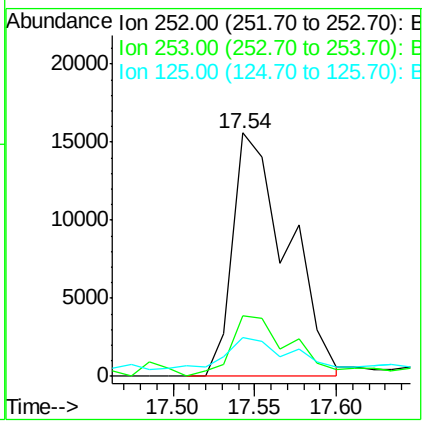


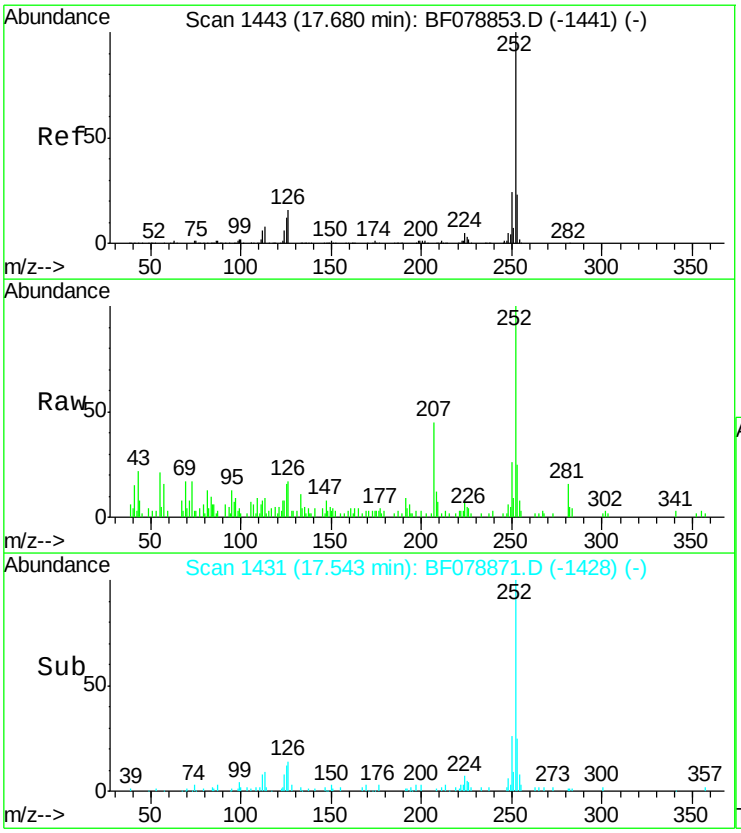
#87
Benzo(b)fluoranthene
Concen: 2.06 ng
RT: 17.54 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Instrument :
BNA_F
ClientSampleId :
SB-57D

Tgt Ion:252 Resp: 36237

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	16.2	9.5	14.3#





#88
Benzo(k)fluoranthene
Concen: 2.17 ng
RT: 17.54 min Scan# 1431
Delta R.T. -0.07 min
Lab File: BF078871.D
Acq: 1 May 2015 2:32

Tgt Ion:252 Resp: 36941

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	16.2	10.0	15.0#