Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078692.D
Acq On : 21 Apr 2015 19:34
Operator : TP/IZ
Sample : G1938-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-67D

Quant Time: Apr 22 02:26:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	38831	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	165467	20.00	ng		-0.01
38) Acenaphthene-d10	11.16	164	87245	20.00	ng		-0.01
63) Phenanthrene-d10	13.90	188	174506	20.00	ng		-0.01
75) Chrysene-d12	17.77	240	176015	20.00	ng		-0.01
86) Perylene-d12	19.47	264	168000	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.84	112	212639	90.29	ng		0.01
7) Phenol-d6	5.32	99	278088	94.22	ng		0.00
23) Nitrobenzene-d5	6.75	82	161296	59.09	ng		-0.01
41) 2,4,6-Tribromophenol	12.64	330	74686	103.22	ng		-0.01
44) 2-Fluorobiphenyl	9.99	172	303804	49.78	ng		-0.01
78) Terphenyl-d14	16.43	244	321497	41.27	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.80	163	15690	2.39	ng	#	98
55) 4-Nitrophenol	11.55	139	464	3.16	ng	#	18
70) Phenanthrene	13.94	178	53022	5.25	ng		99
74) Fluoranthene	15.83	202	73967	6.95	ng		95
77) Pyrene	16.14	202	68337	6.18	ng		97
80) Benzo(a)anthracene	17.76	228	31633	3.02	ng		98
82) Chrysene	17.79	228	28555	2.90	ng		99
83) Bis(2-ethylhexyl)phthalate	17.90	149	14216	2.15	ng		99
87) Benzo(b)fluoranthene	19.05	252	46031	4.43	ng	#	93
88) Benzo(k)fluoranthene	19.05	252	46255	5.01	ng		95
89) Benzo(a)pyrene	19.41	252	26593	2.93	ng	#	92

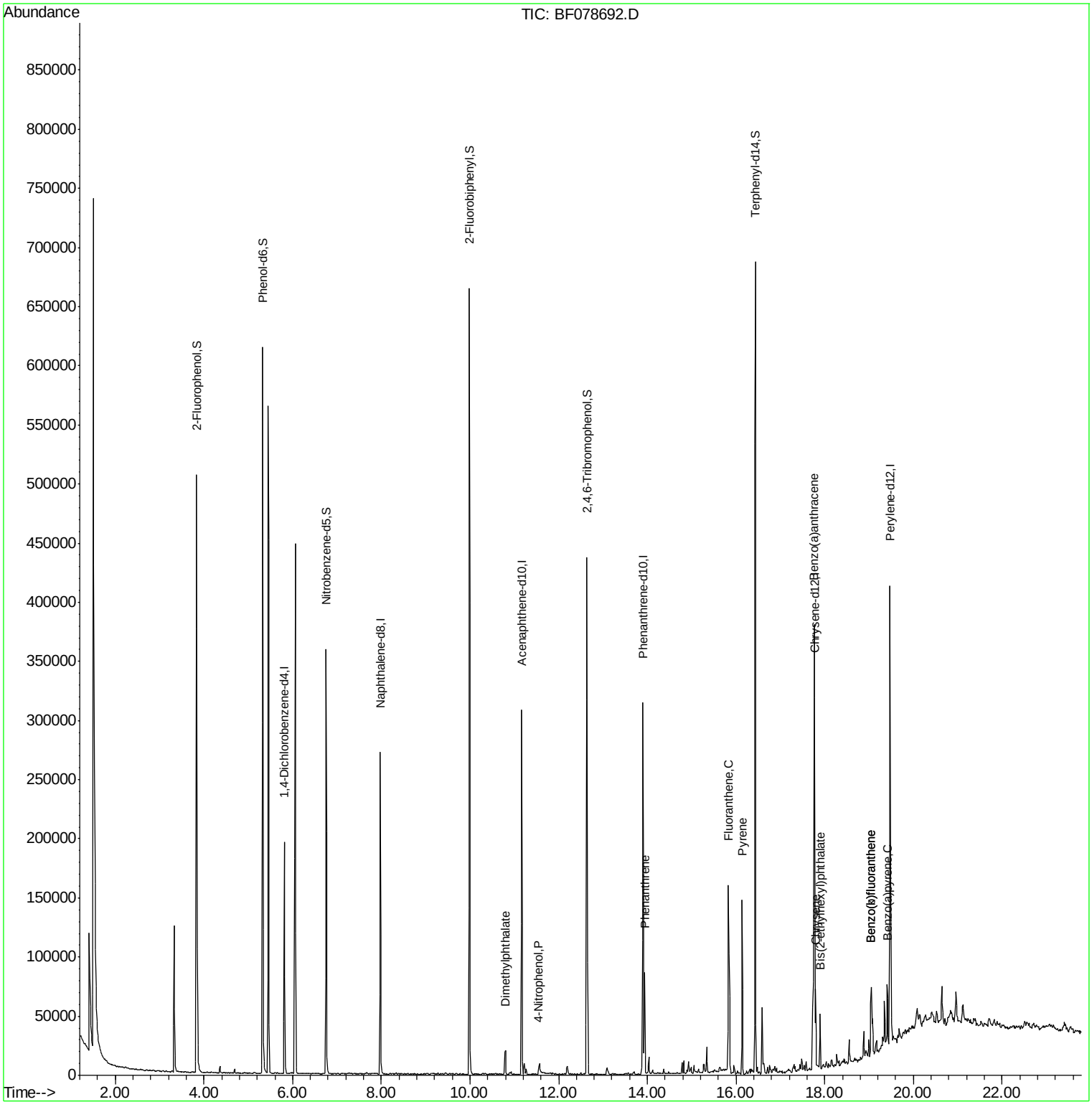
(#) = qualifier out of range (m) = manual integration (+) = signals summed

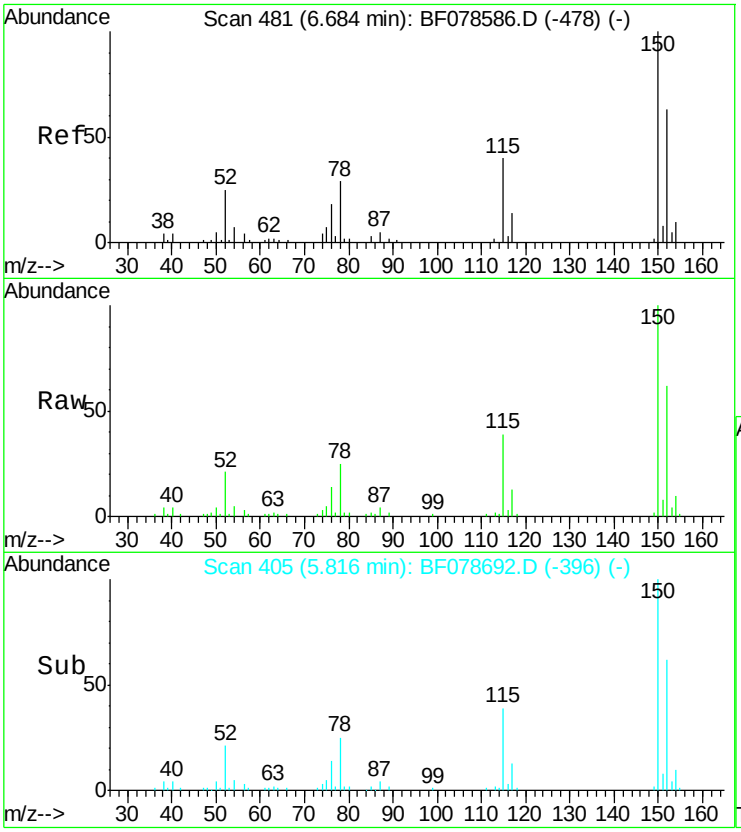
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042115\
Data File : BF078692.D
Acq On : 21 Apr 2015 19:34
Operator : TP/IZ
Sample : G1938-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-67D

Quant Time: Apr 22 02:26:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 00:52:13 2015
Response via : Initial Calibration



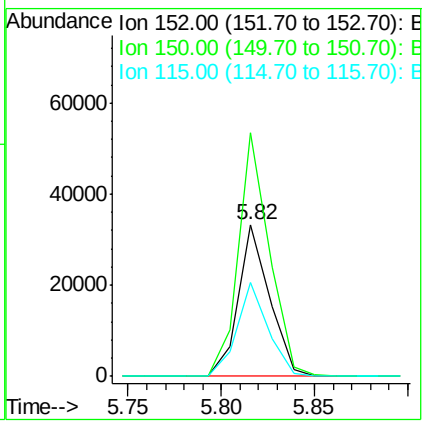


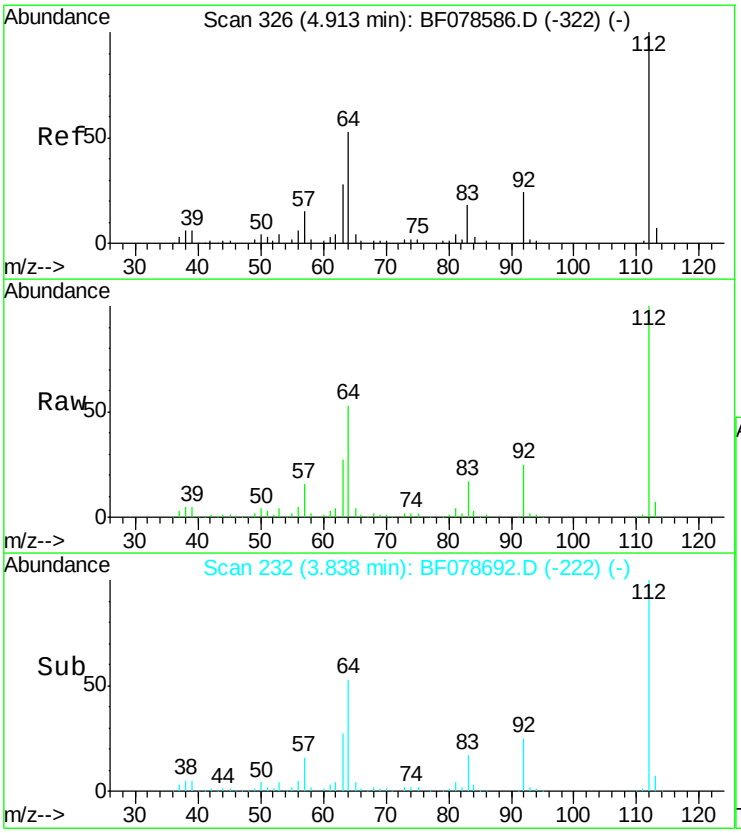
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:152 Resp: 38831

Ion	Ratio	Lower	Upper
152	100		
150	160.7	125.9	188.9
115	62.4	52.7	79.1

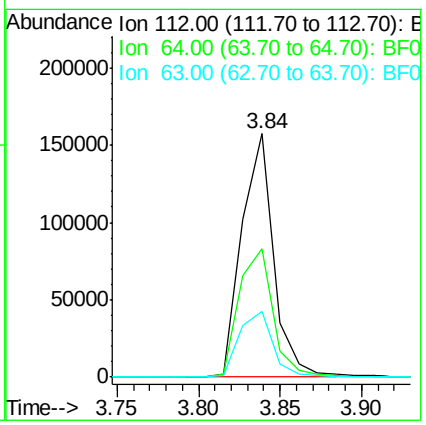


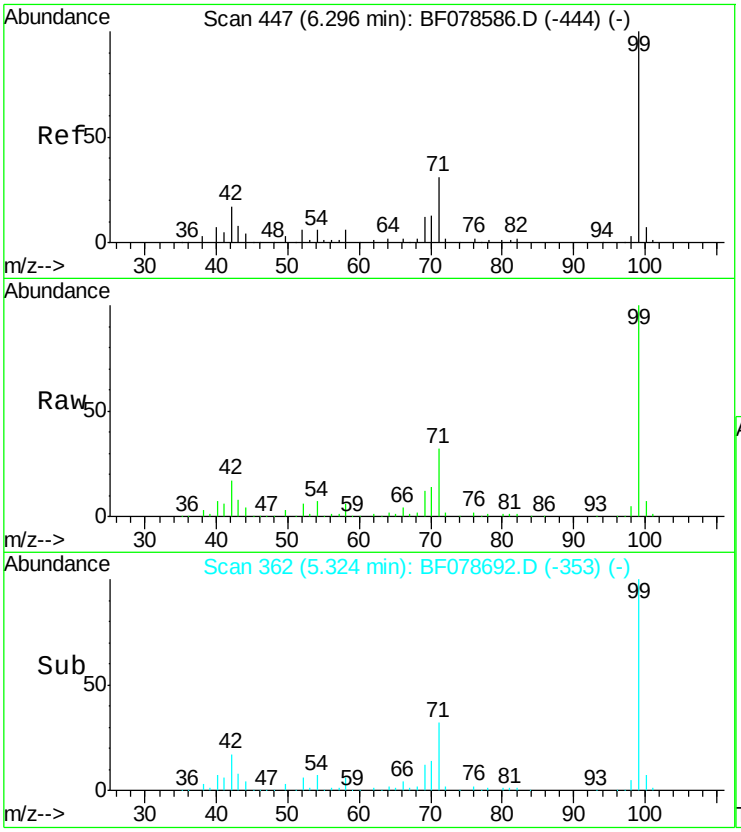


#5
2-Fluorophenol
Concen: 90.29 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:112 Resp: 212639

Ion	Ratio	Lower	Upper
112	100		
64	52.5	39.9	59.9
63	27.0	20.2	30.4



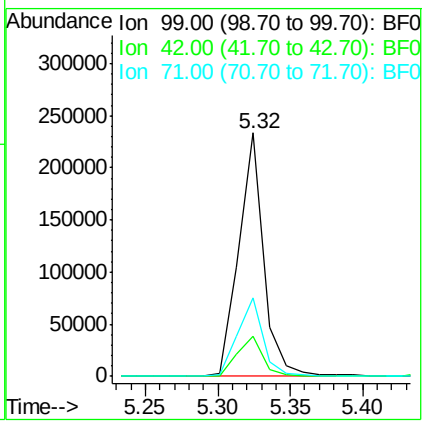


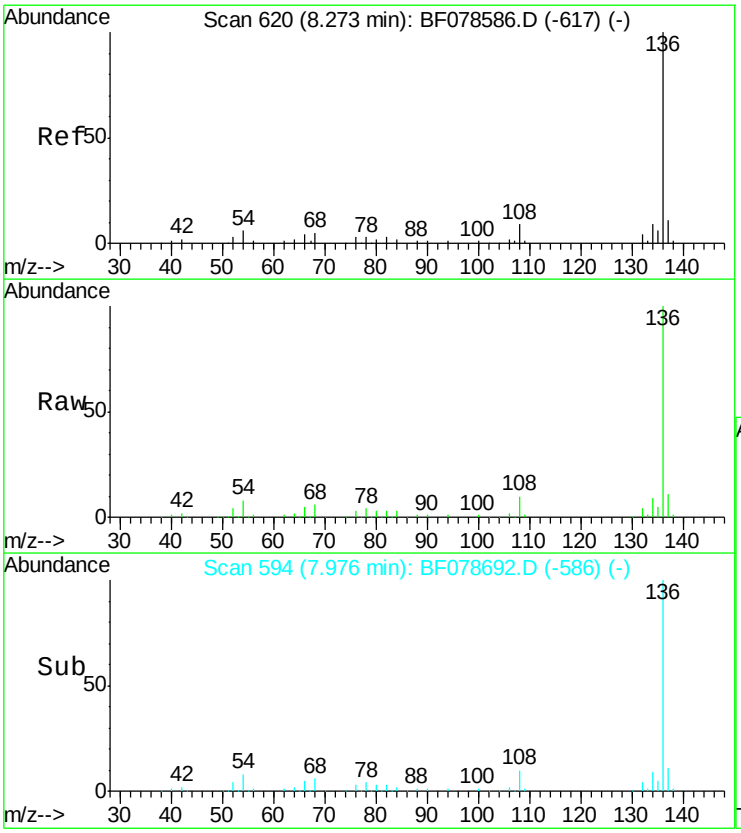
#7
Phenol-d6
Concen: 94.22 ng
RT: 5.32 min Scan# 362
Delta R.T. -0.00 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion: 99 Resp: 278088

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.8	22.2
71	32.4	26.6	39.8

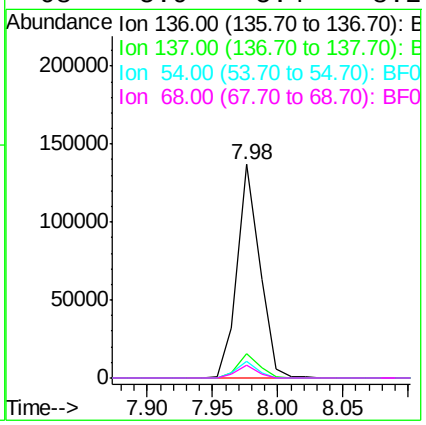


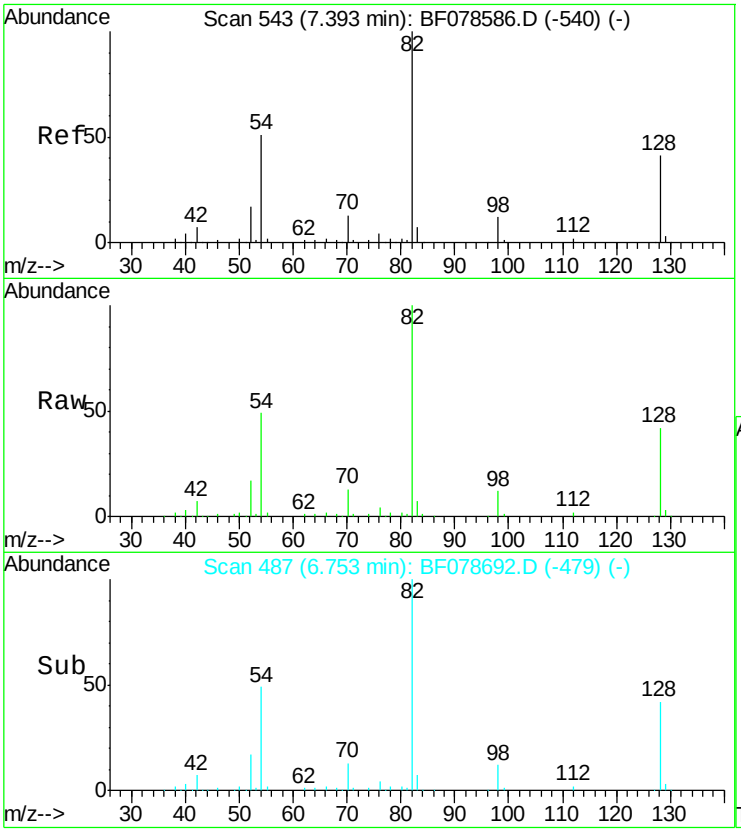


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:136 Resp: 165467

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	7.0	10.6
68	5.9	5.4	8.2



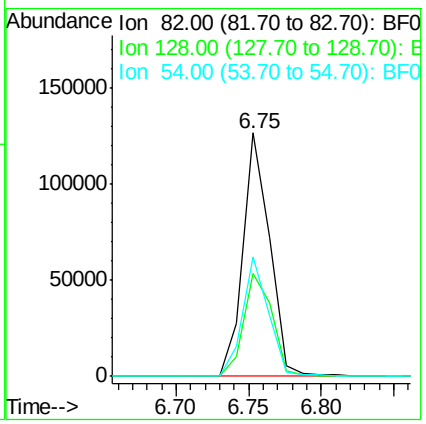


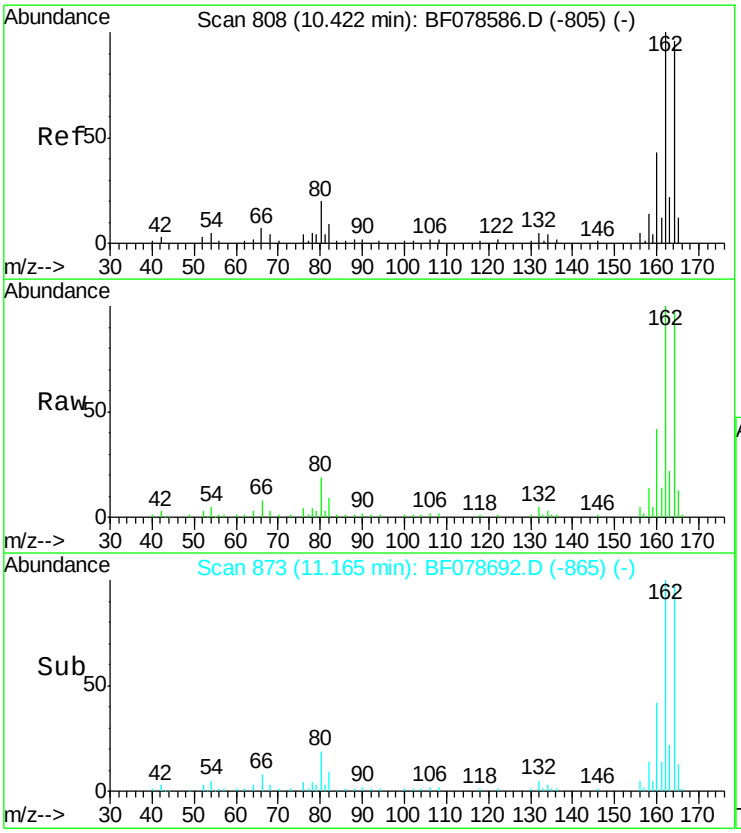
#23
Nitrobenzene-d5
Concen: 59.09 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion: 82 Resp: 161296

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.8	47.8
54	49.1	41.5	62.3

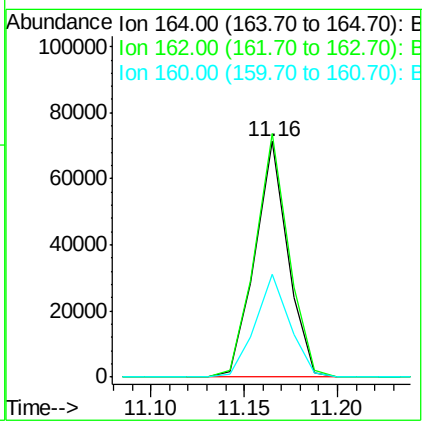


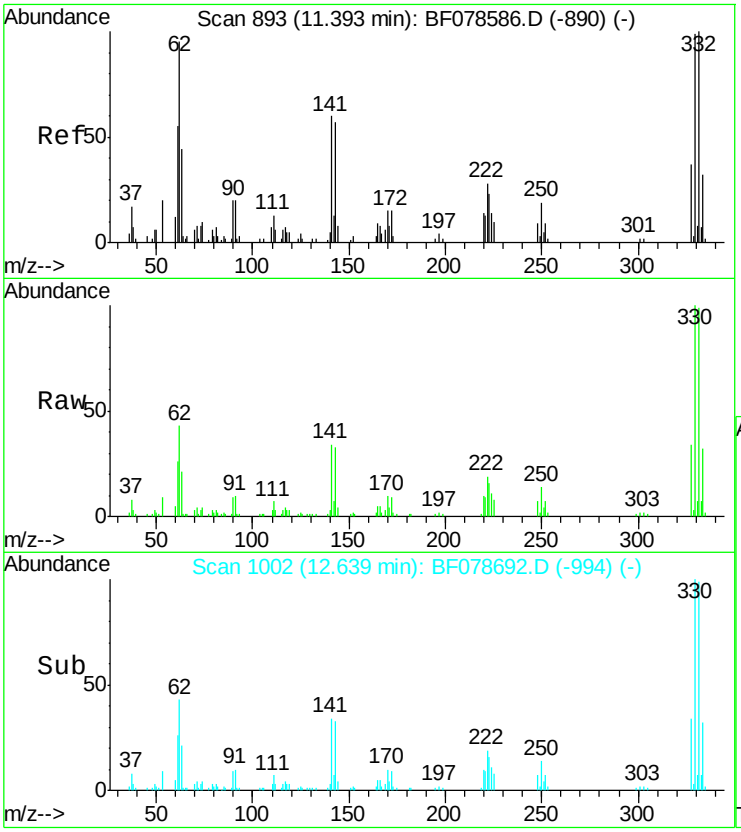


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:164 Resp: 87245

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	43.7	34.7	52.1



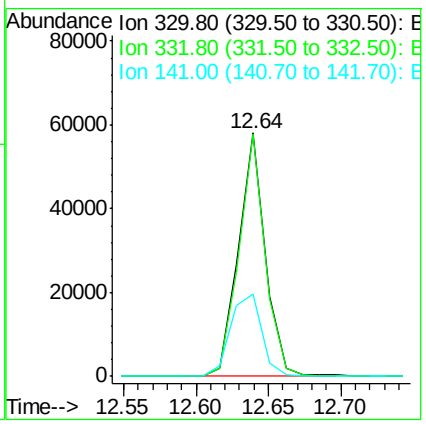


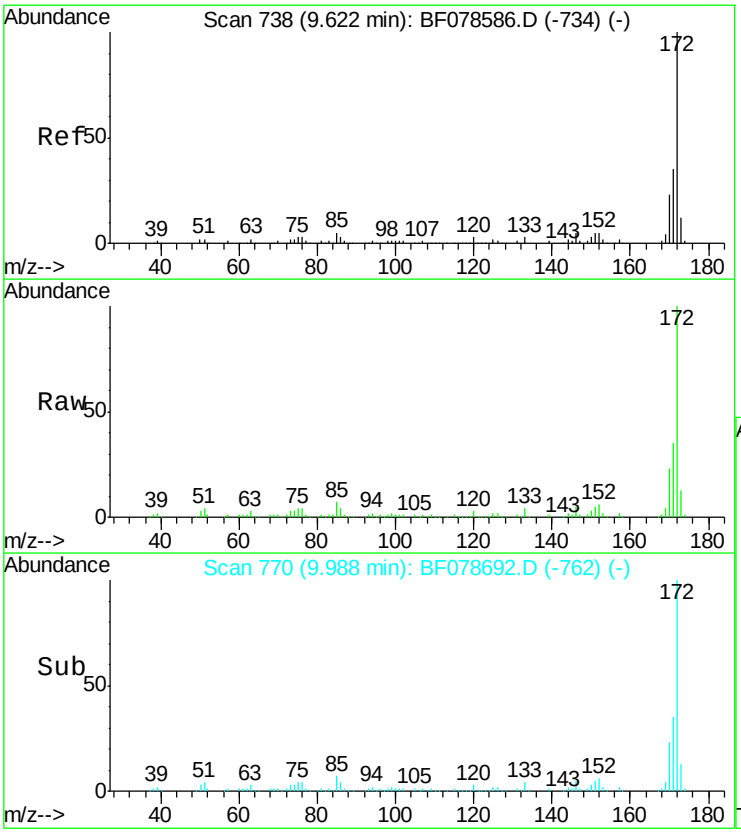
#41
2,4,6-Tribromophenol
Concen: 103.22 ng
RT: 12.64 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:330 Resp: 74686

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.6	117.8
141	39.3	31.2	46.8

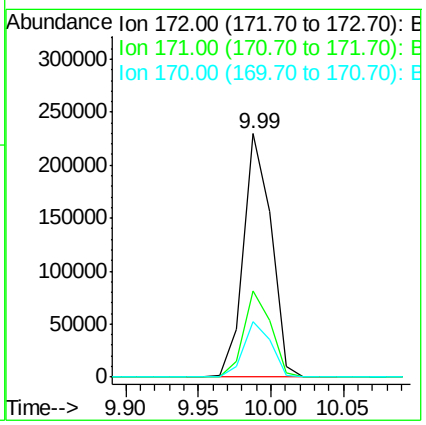


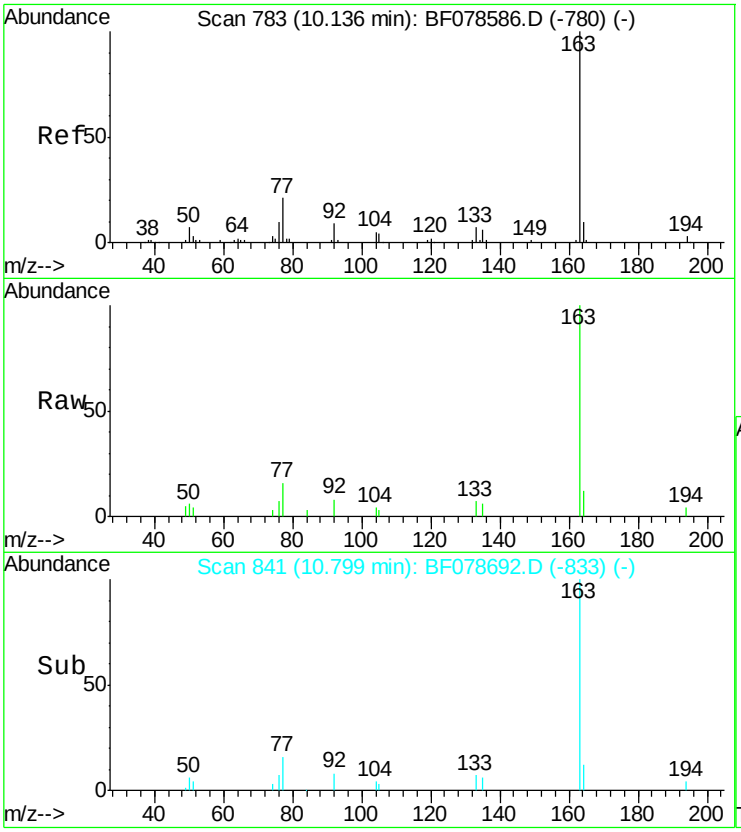


#44
2-Fluorobiphenyl
Concen: 49.78 ng
RT: 9.99 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:172 Resp: 303804

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	22.9	18.5	27.7



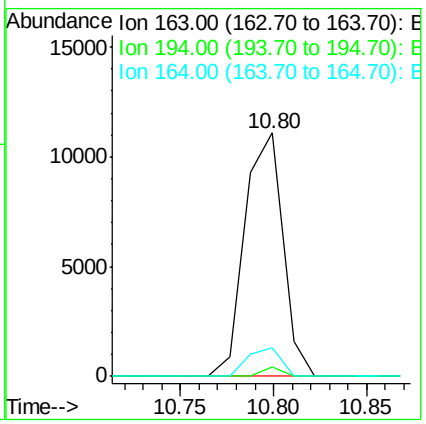


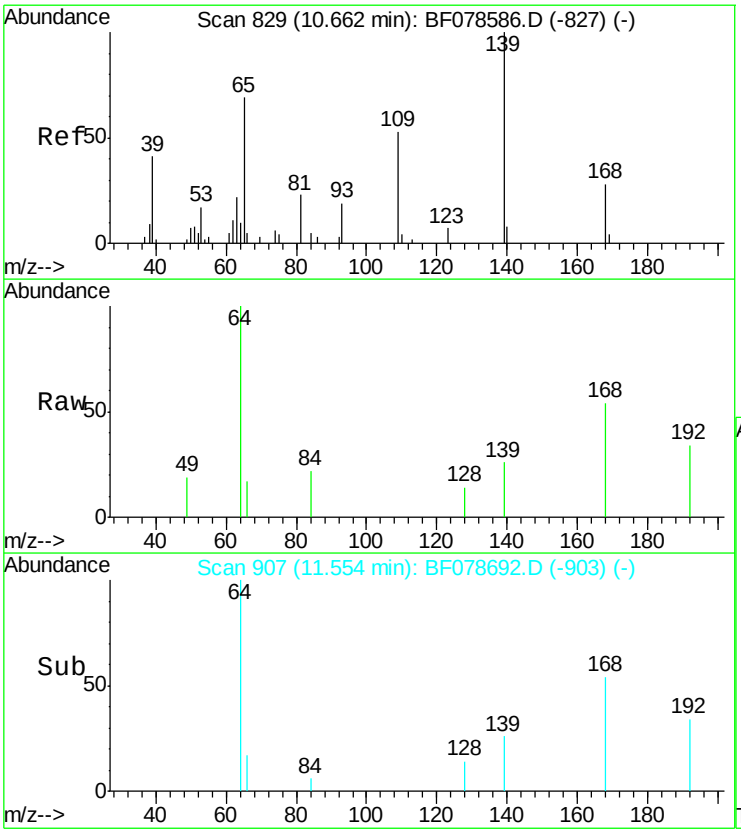
#49
Dimethylphthalate
Concen: 2.39 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:163 Resp: 15690

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.3	3.5#
164	11.6	8.6	13.0

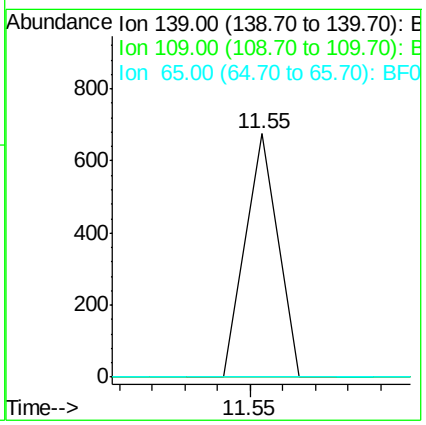


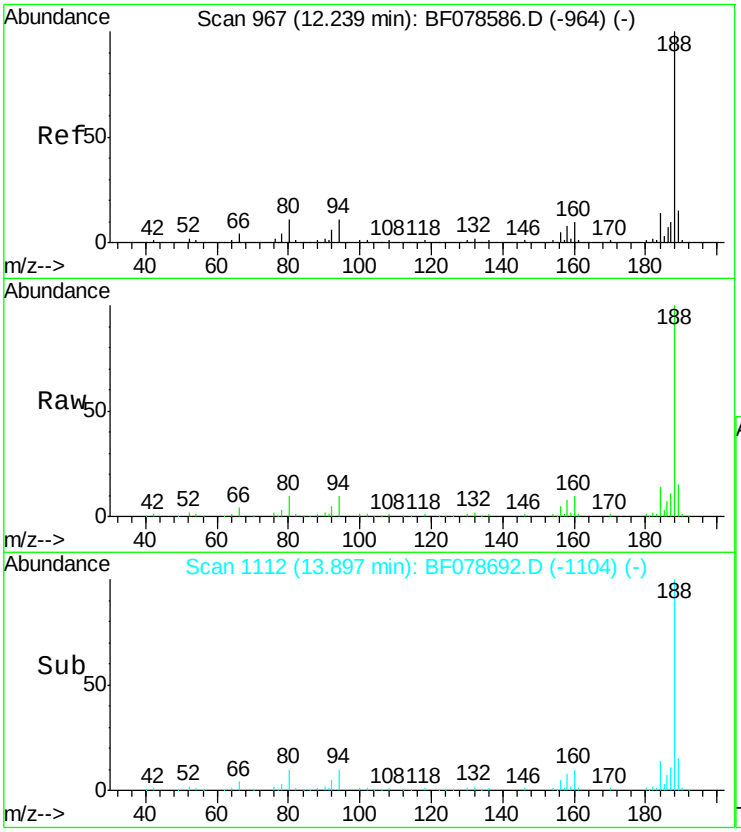


#55
4-Nitrophenol
Concen: 3.16 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.06 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:139 Resp: 464

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#



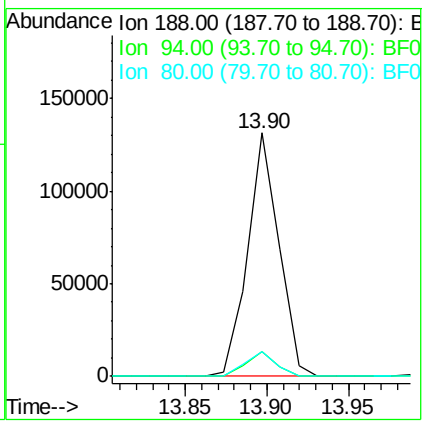


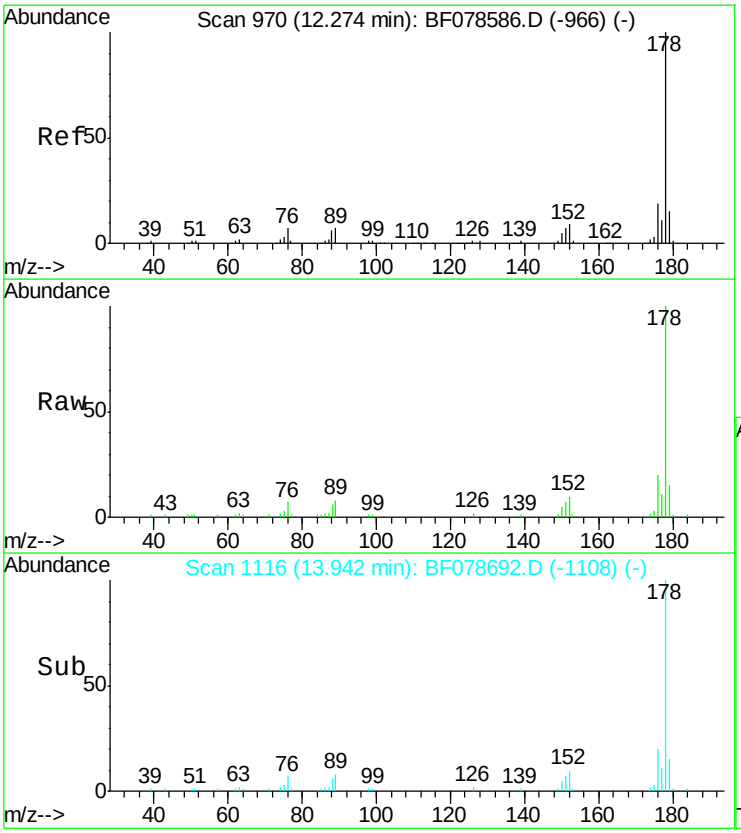
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:188 Resp: 174506

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.4
80	10.4	9.5	14.3

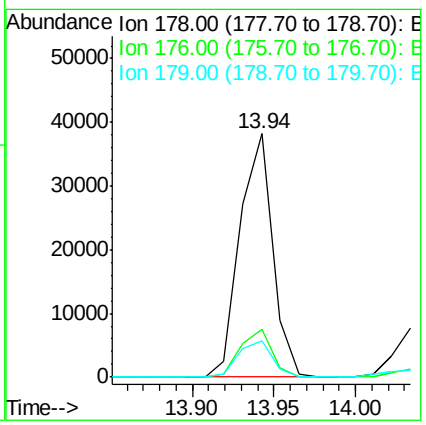


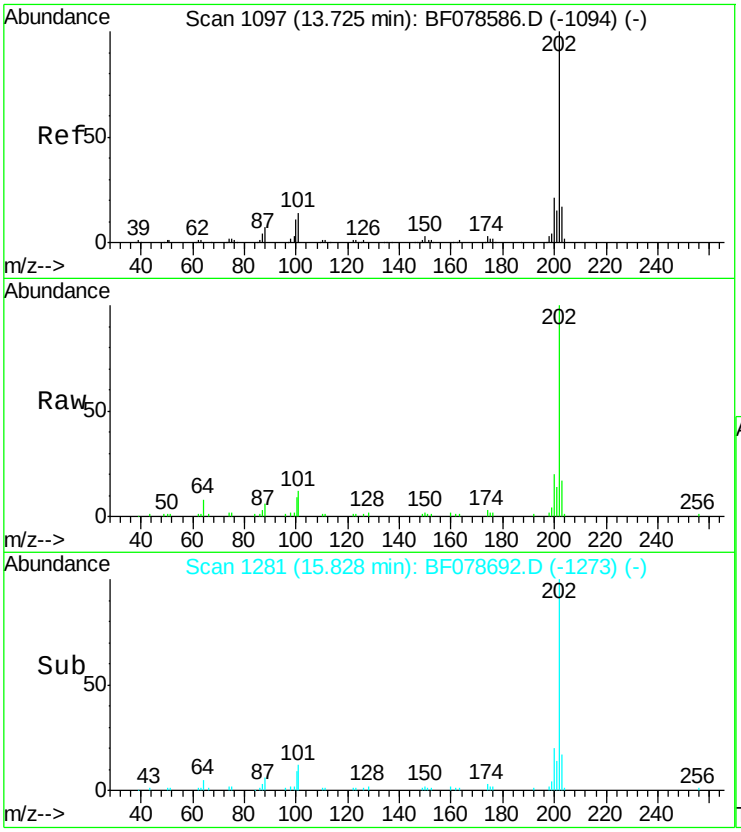


#70
Phenanthrene
Concen: 5.25 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:178 Resp: 53022

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	14.8	12.2	18.2



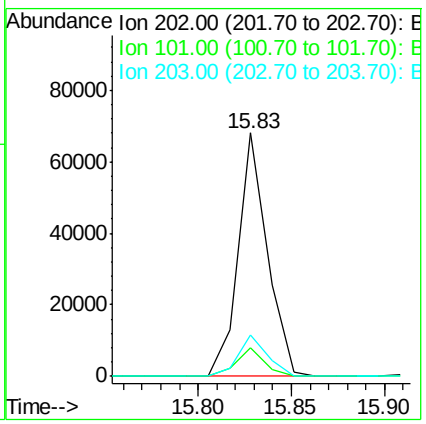


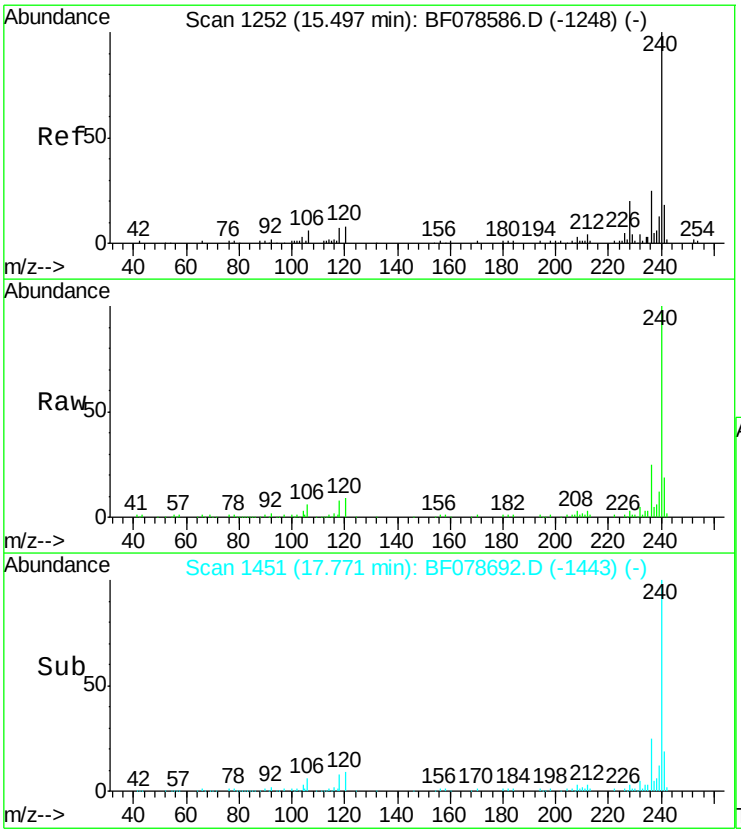
#74
Fluoranthene
Concen: 6.95 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:202 Resp: 73967

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	35.2
203	17.1	0.0	38.5

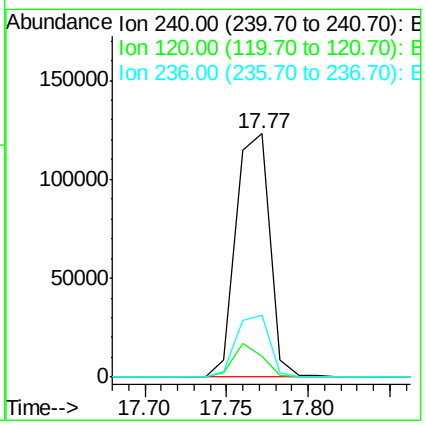


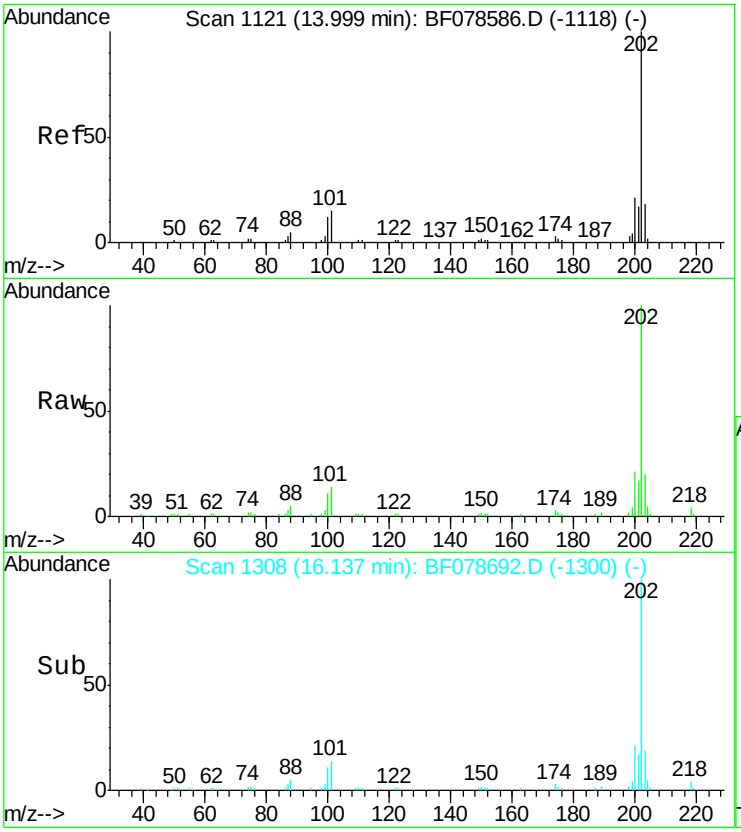


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:240 Resp: 176015

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.1	10.7
236	25.2	21.4	32.2



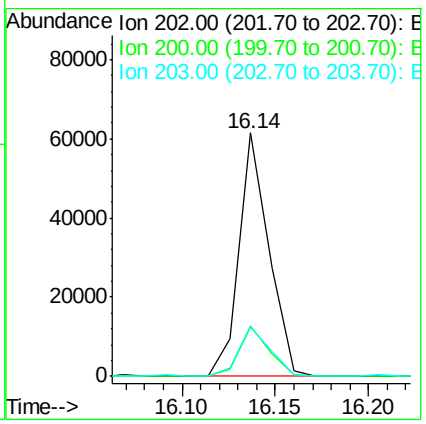


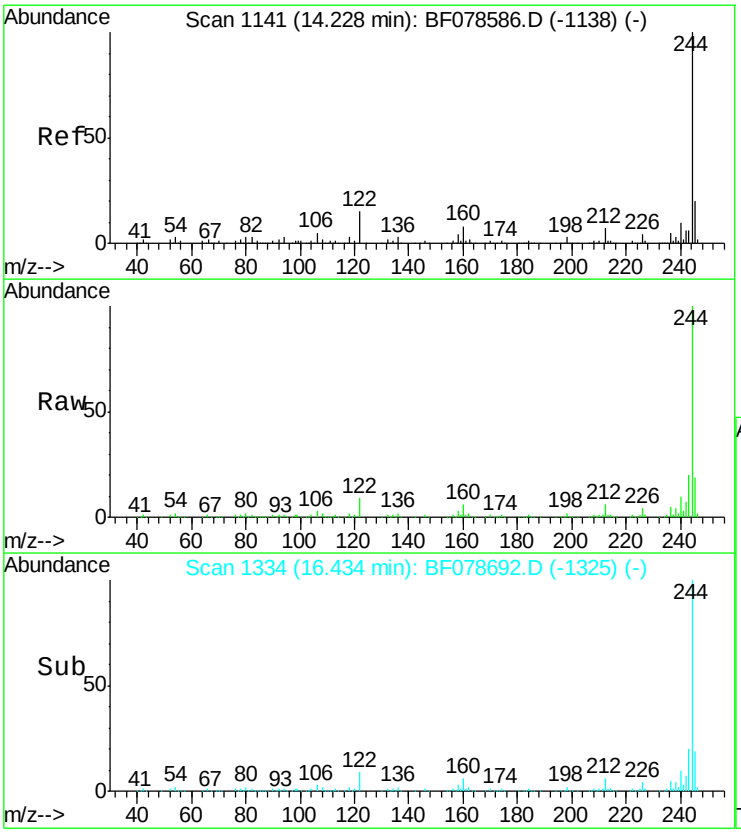
#77
Pyrene
Concen: 6.18 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:202 Resp: 68337

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	20.0	13.8	20.6

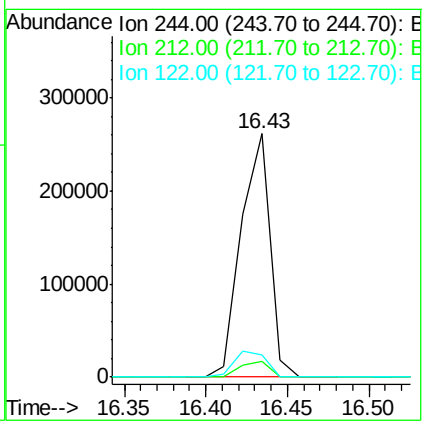


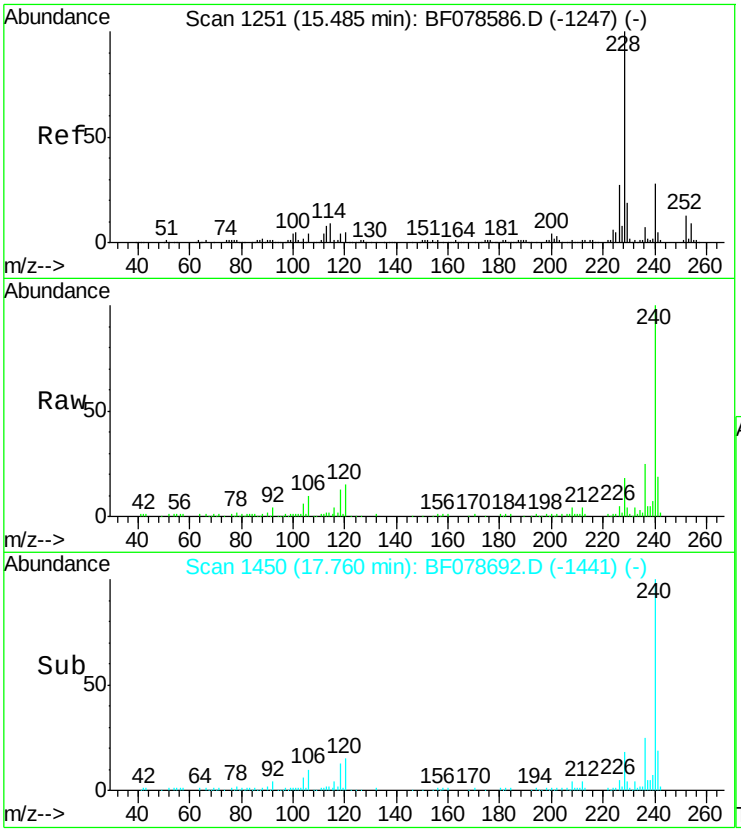


#78
Terphenyl-d14
Concen: 41.27 ng
RT: 16.43 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:244 Resp: 321497

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	8.9	7.1	10.7



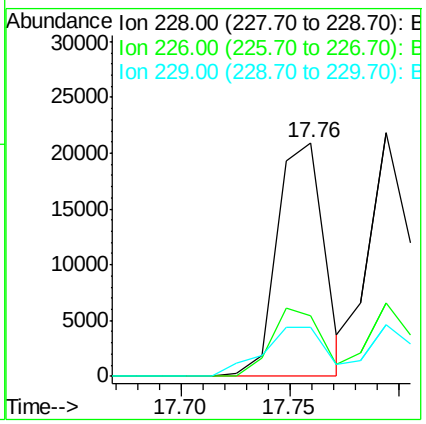


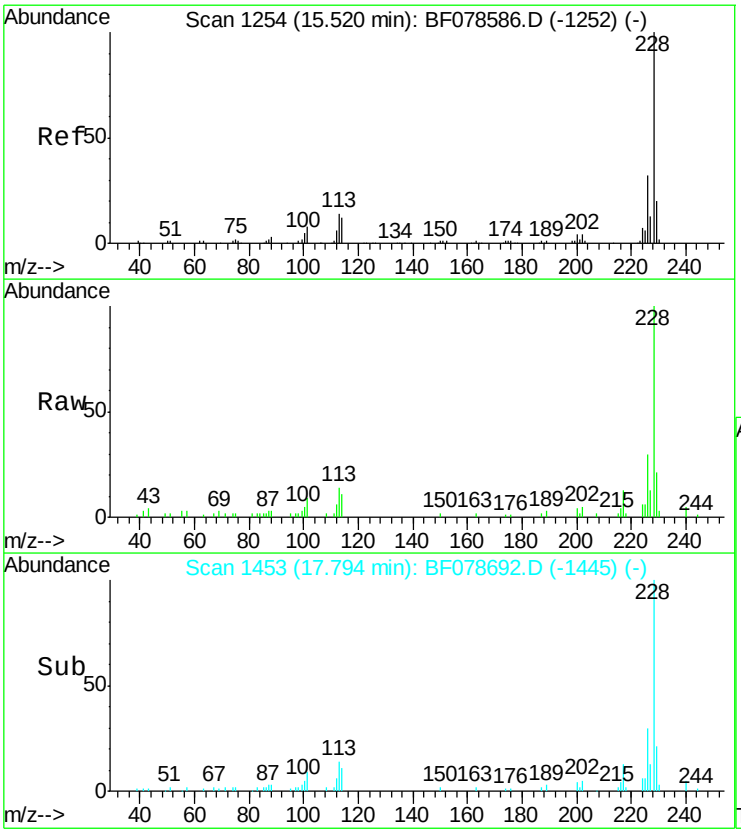
#80
Benzo(a)anthracene
Concen: 3.02 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:228 Resp: 31633

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.3	31.9
229	21.0	15.4	23.2

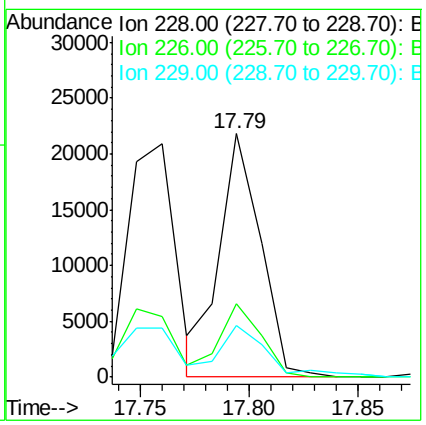


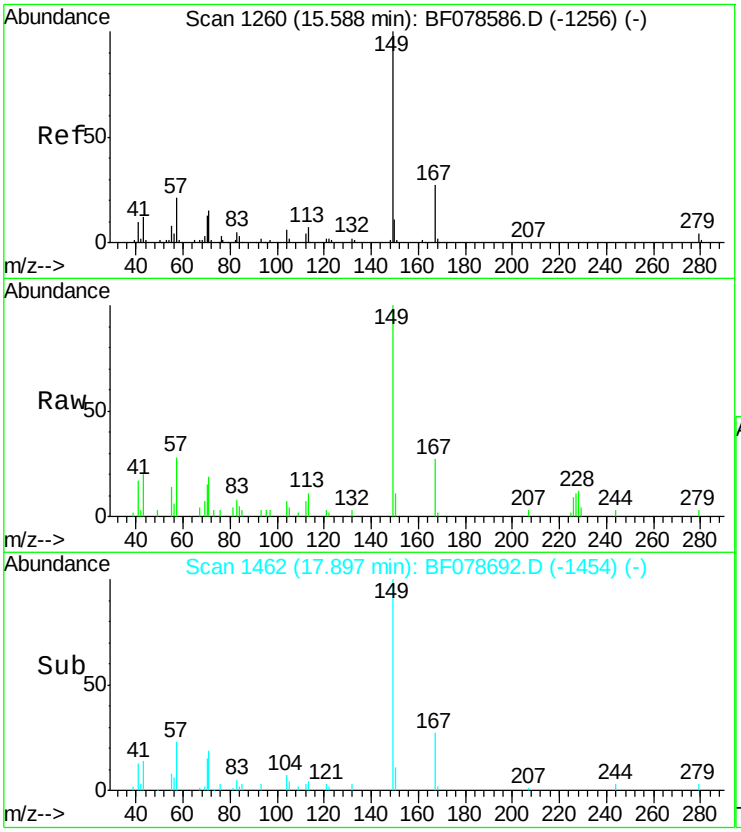


#82
Chrysene
Concen: 2.90 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:228 Resp: 28555

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.2	15.8	23.8



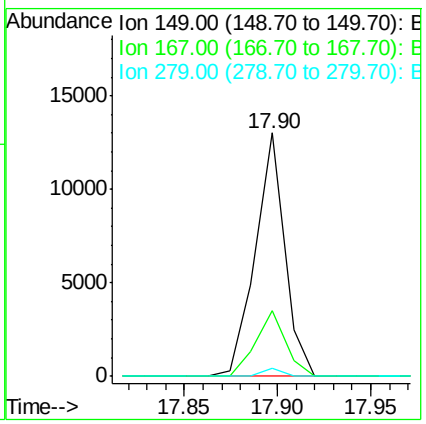


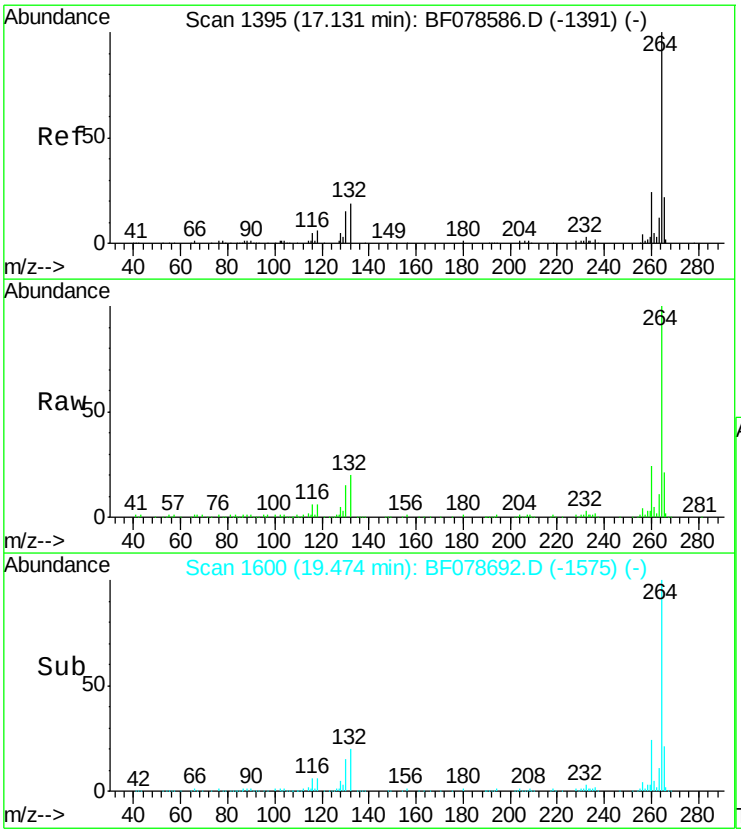
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.15 ng
RT: 17.90 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:149 Resp: 14216

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.5	3.2	4.8

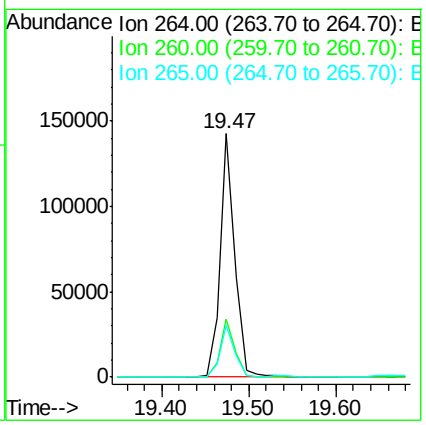


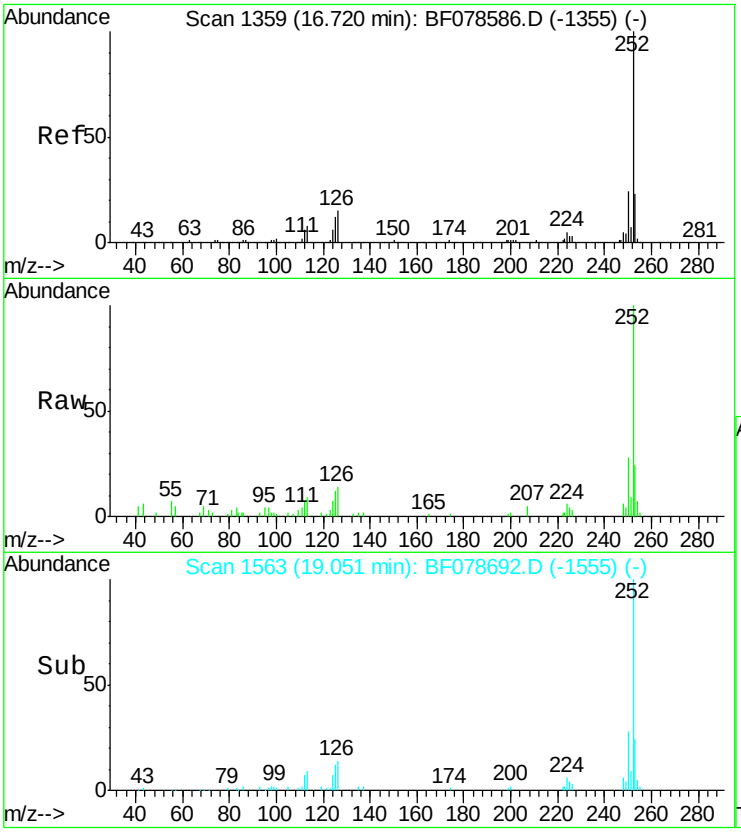


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:264 Resp: 168000

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.0	17.0	25.6



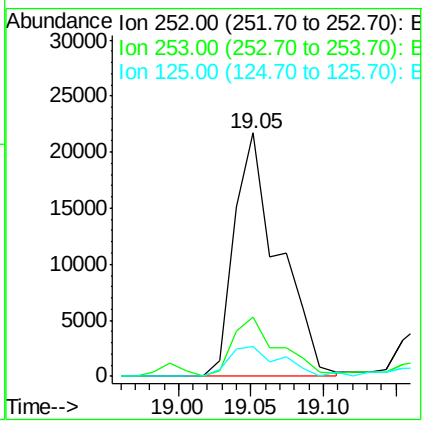


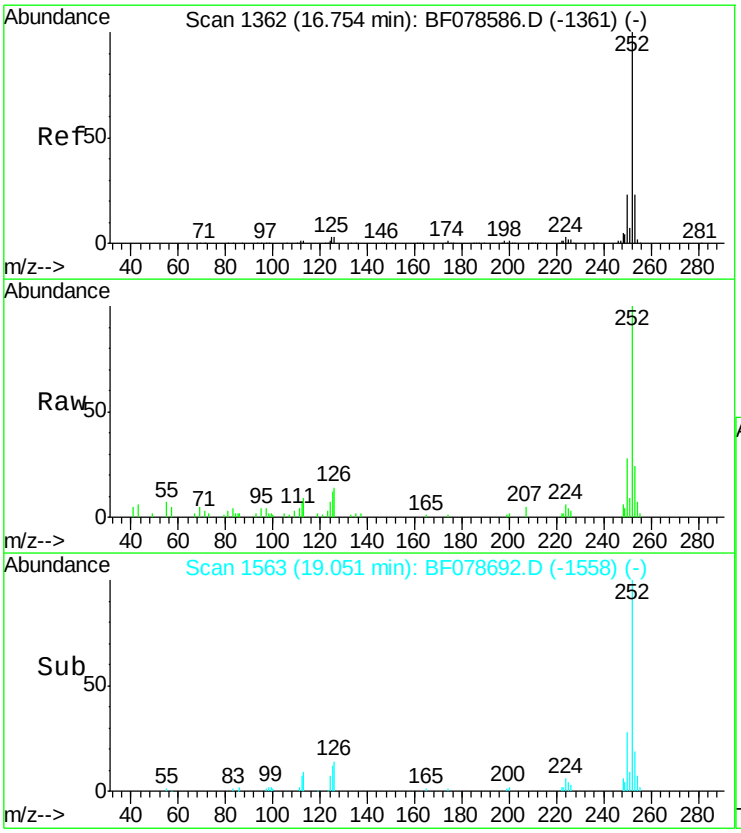
#87
Benzo(b)fluoranthene
Concen: 4.43 ng
RT: 19.05 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:252 Resp: 46031

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	12.4	7.0	10.4#

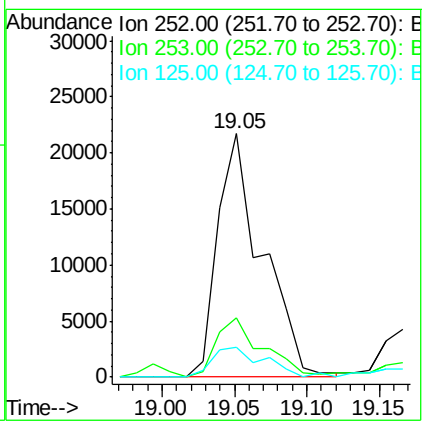


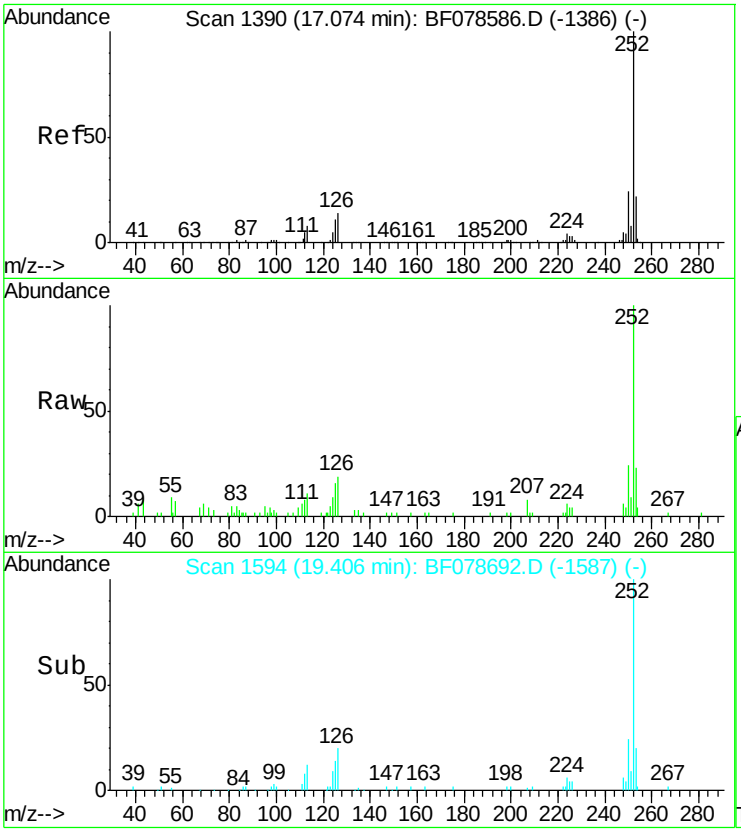


#88
Benzo(k)fluoranthene
Concen: 5.01 ng
RT: 19.05 min Scan# 1563
Delta R.T. -0.05 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Tgt Ion:252 Resp: 46255

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	12.4	11.6	17.4





#89
Benzo(a)pyrene
Concen: 2.93 ng
RT: 19.41 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF078692.D
Acq: 21 Apr 2015 19:34

Instrument :
BNA_F
ClientSampleId :
SB-67D

Tgt Ion:252 Resp: 26593

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.8	25.2
125	15.9	7.4	11.0#