Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
Operator : TP/IZ
Sample : G1332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HF-4

Quant Time: Feb 24 00:09:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	97675	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	384756	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	198745	20.00	ng		-0.01
63) Phenanthrene-d10	12.93	188	370900	20.00	ng		0.00
75) Chrysene-d12	16.24	240	391499	20.00	ng		-0.02
86) Perylene-d12	18.02	264	379918	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	607677	103.86	ng		0.00
7) Phenol-d6	6.88	99	780990	103.82	ng		-0.01
23) Nitrobenzene-d5	8.02	82	452319	73.10	ng		-0.01
41) 2,4,6-Tribromophenol	12.06	330	201688	105.39	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	1014456	79.59	ng		0.00
78) Terphenyl-d14	14.93	244	1085429	64.81	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.76	163	52260	3.74	ng	#	99
62) Azobenzene	11.98	77	30687	2.35	ng	#	1
70) Phenanthrene	12.96	178	223433	10.39	ng		99
71) Anthracene	13.03	178	54071	2.53	ng		98
74) Fluoranthene	14.44	202	279401	11.90	ng		97
77) Pyrene	14.72	202	246805	10.31	ng		97
80) Benzo(a)anthracene	16.21	228	90010	3.92	ng	#	80
82) Chrysene	16.26	228	117105	5.44	ng	#	93
83) Bis(2-ethylhexyl)phthalate	16.28	149	165451	10.47	ng		99
87) Benzo(b)fluoranthene	17.56	252	171346	7.76	ng	#	83
88) Benzo(k)fluoranthene	17.56	252	174762	8.07	ng	#	86
89) Benzo(a)pyrene	17.95	252	79858	3.80	ng	#	66
91) Benzo(g,h,i)perylene	19.97	276	65088	3.21	ng	#	92

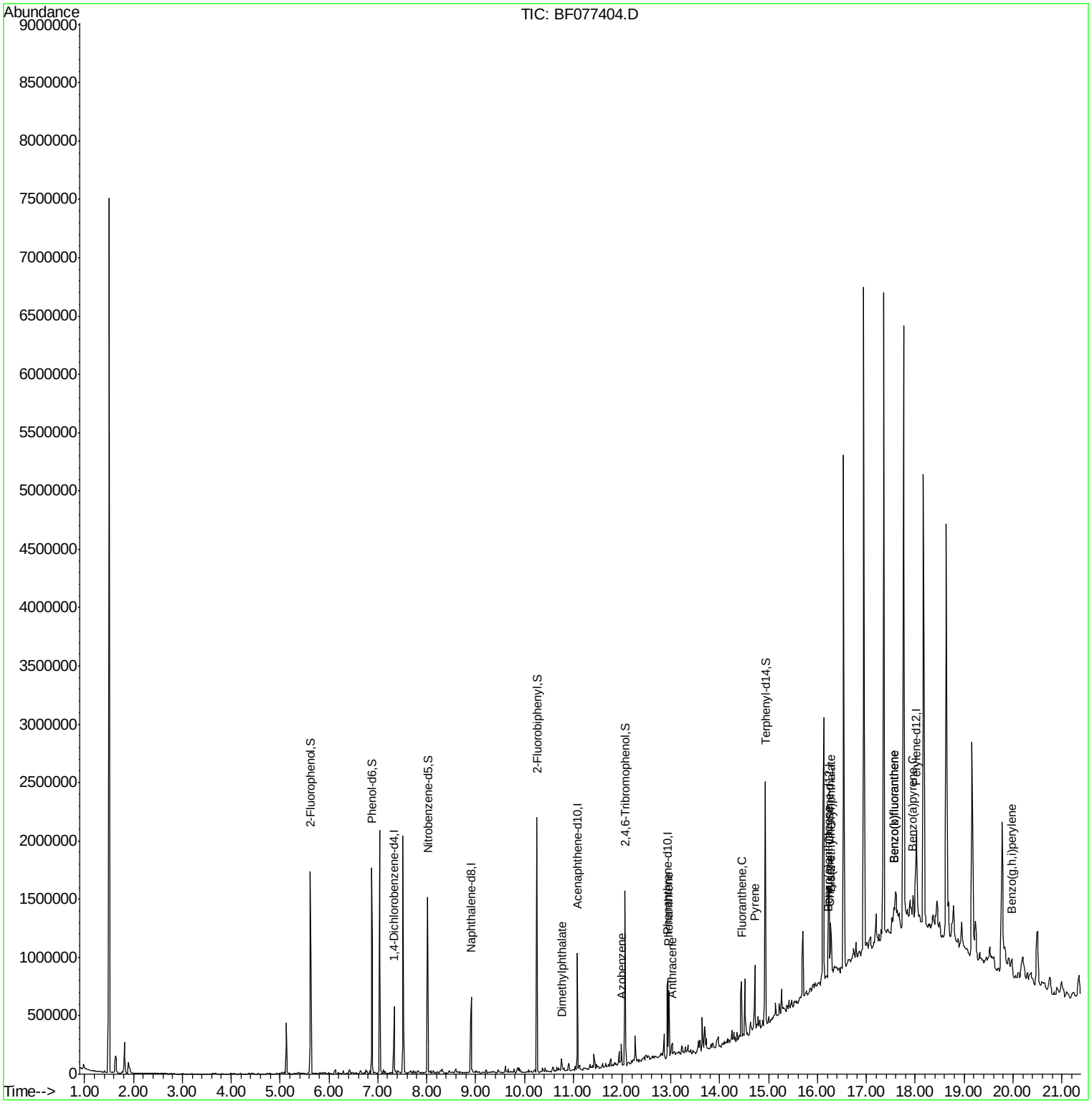
(#) = qualifier out of range (m) = manual integration (+) = signals summed

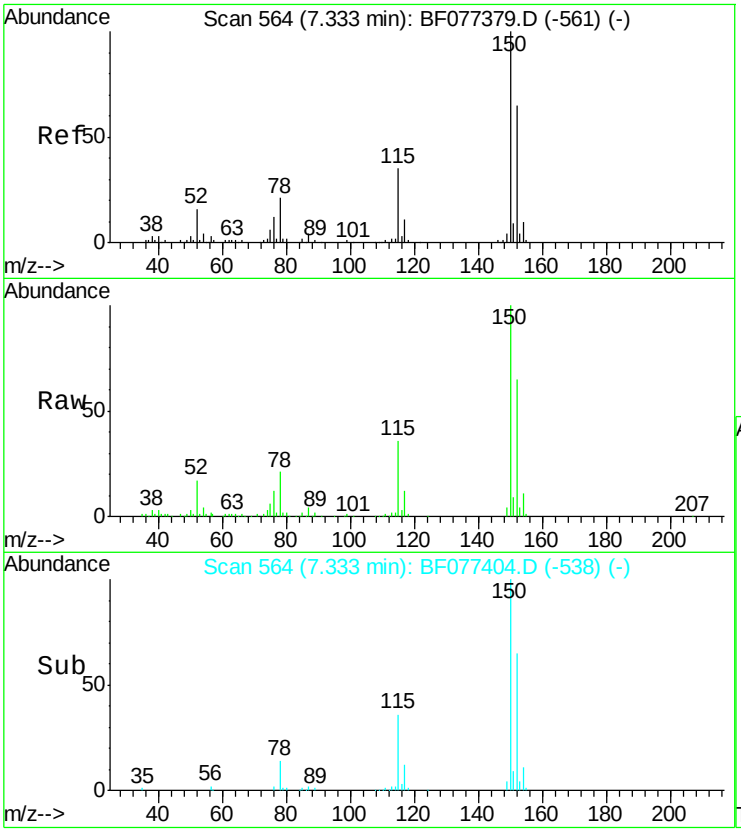
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
Data File : BF077404.D
Acq On : 23 Feb 2015 14:44
Operator : TP/IZ
Sample : G1332-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-4

Quant Time: Feb 24 00:09:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 23 23:58:25 2015
Response via : Initial Calibration



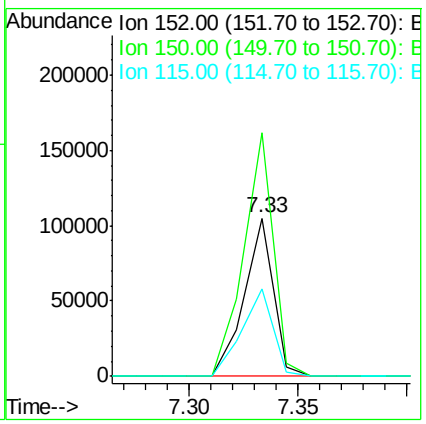


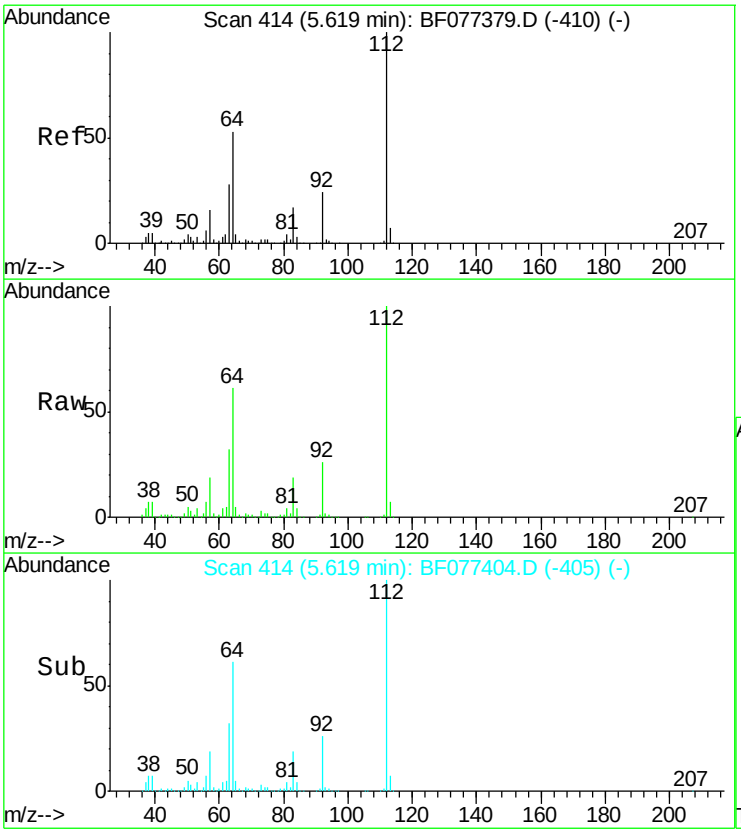
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:152 Resp: 97675

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.0	186.0
115	55.4	49.4	74.2

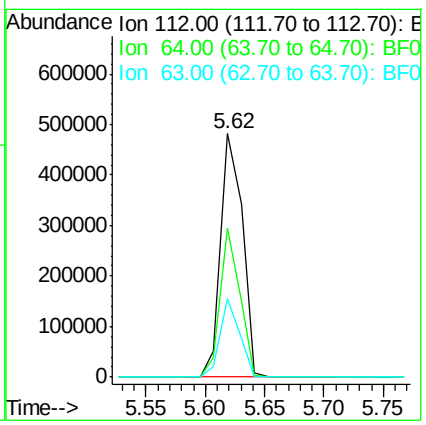


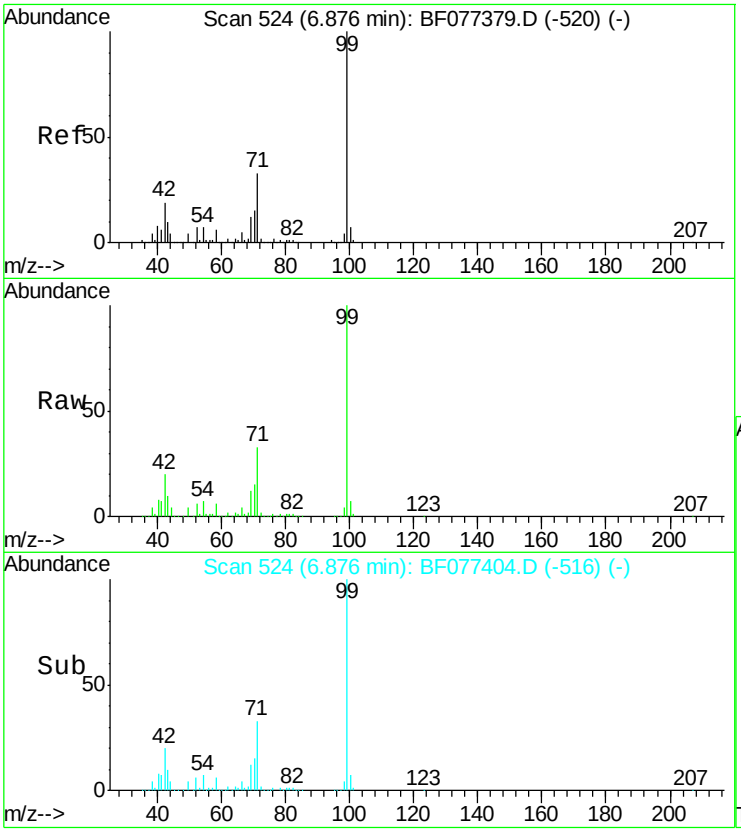


#5
2-Fluorophenol
Concen: 103.86 ng
RT: 5.62 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:112 Resp: 607677

Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.5	72.7
63	32.1	25.0	37.4



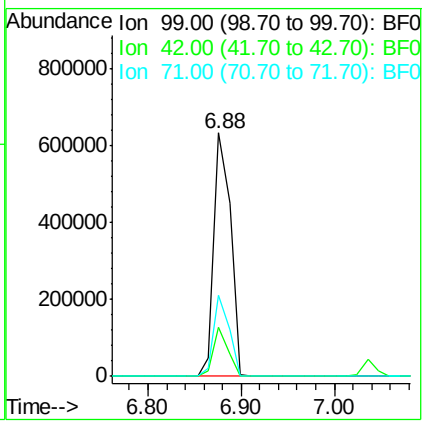


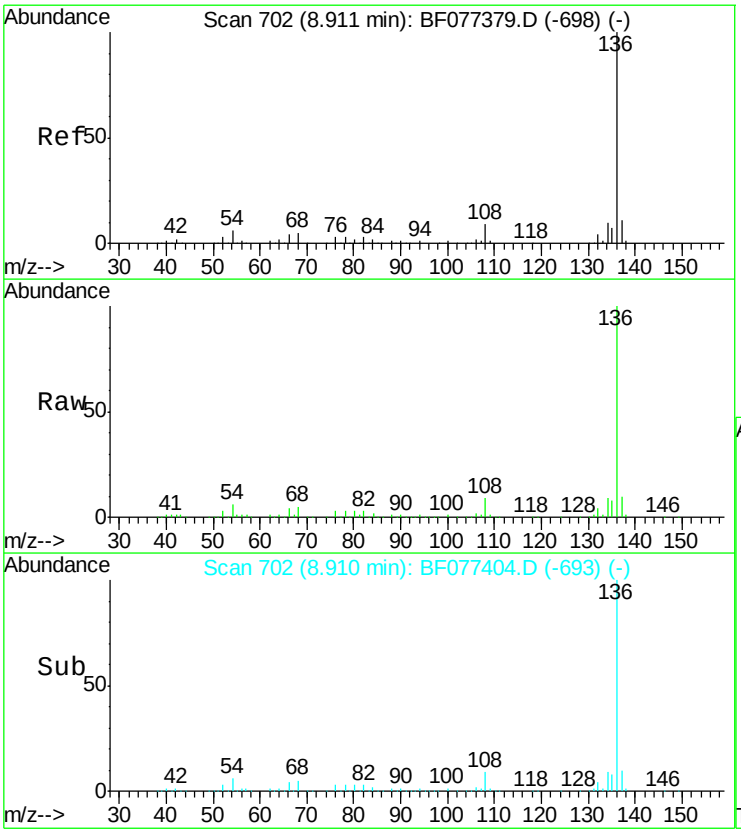
#7
Phenol-d6
Concen: 103.82 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion: 99 Resp: 780990

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.4
71	33.5	26.7	40.1

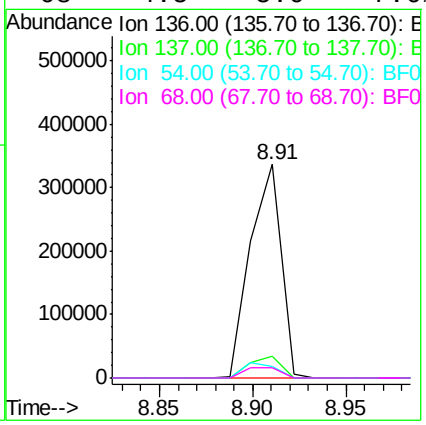


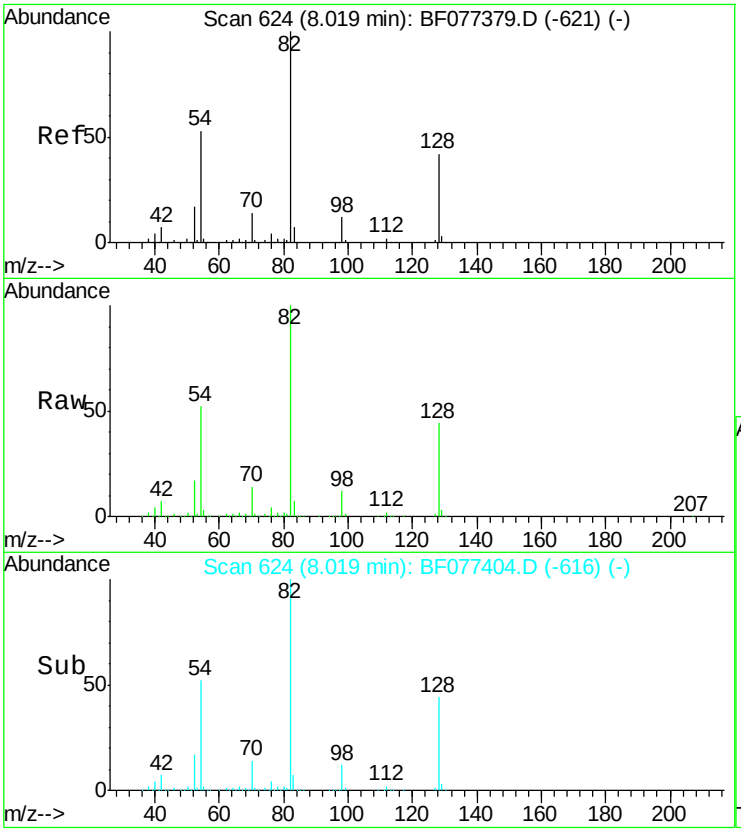


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:136 Resp: 384756

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.6	6.2	9.4#
68	4.5	5.0	7.6#



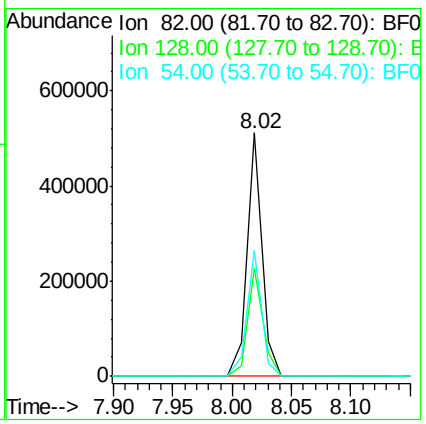


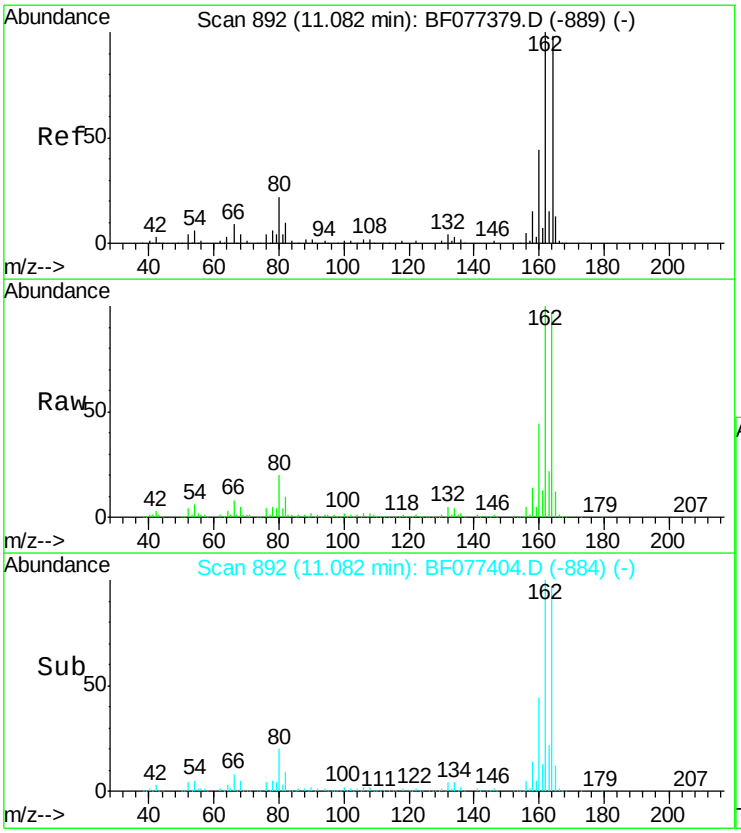
#23
Nitrobenzene-d5
Concen: 73.10 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion: 82 Resp: 452319

Ion	Ratio	Lower	Upper
82	100		
128	44.3	43.8	65.8
54	51.8	36.7	55.1

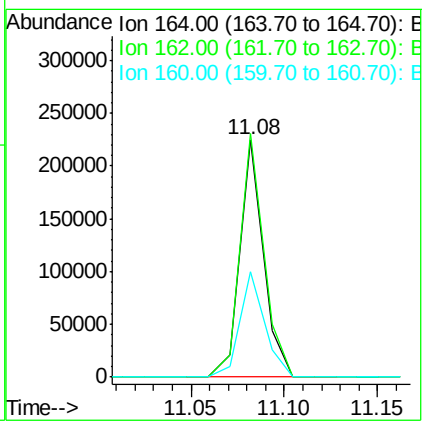


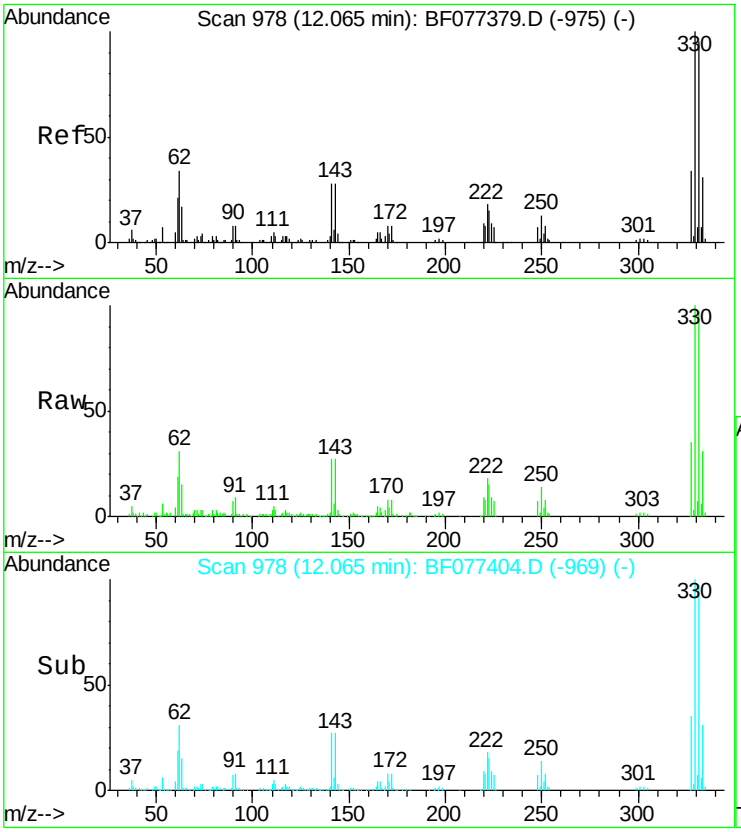


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:164 Resp: 198745

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.2	124.8
160	44.6	34.6	52.0



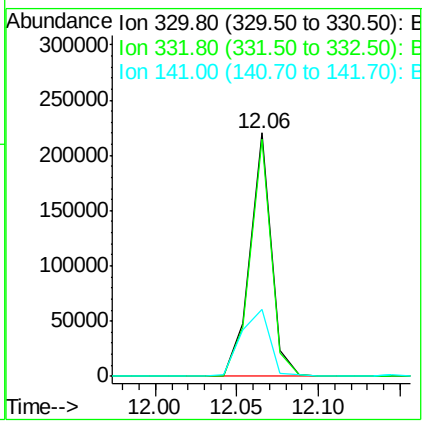


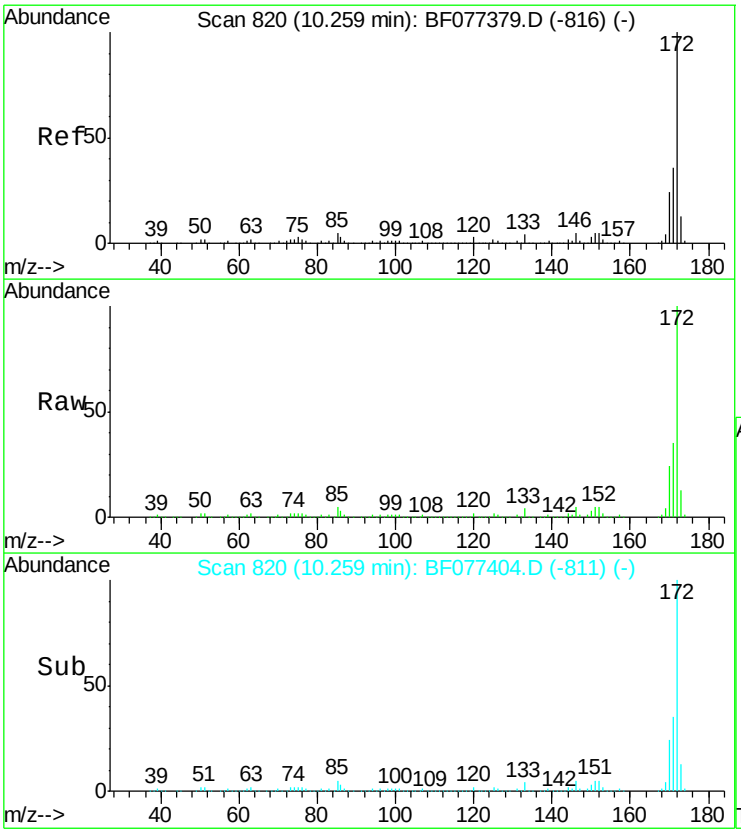
#41
2,4,6-Tribromophenol
Concen: 105.39 ng
RT: 12.06 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:330 Resp: 201688

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	35.9	28.8	43.2

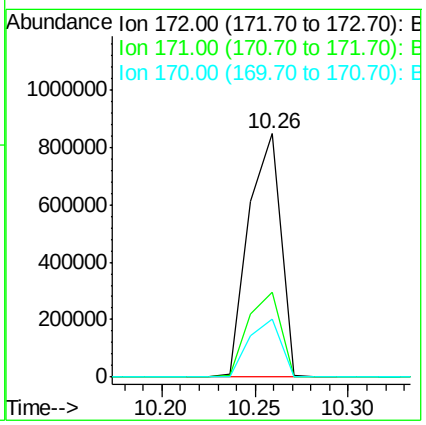


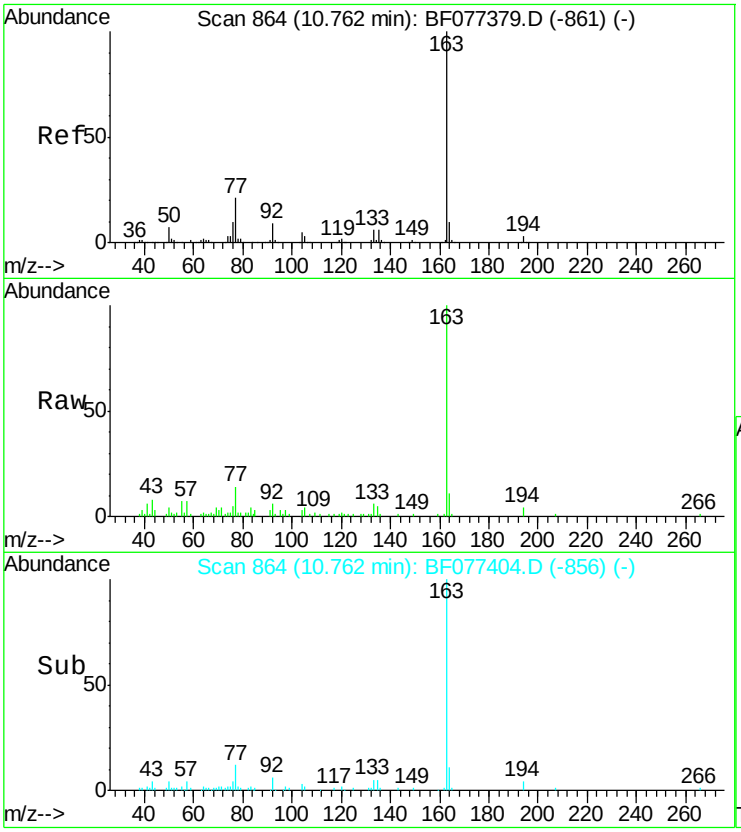


#44
2-Fluorobiphenyl
Concen: 79.59 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:172 Resp: 1014456

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.9	43.3
170	23.7	19.4	29.2



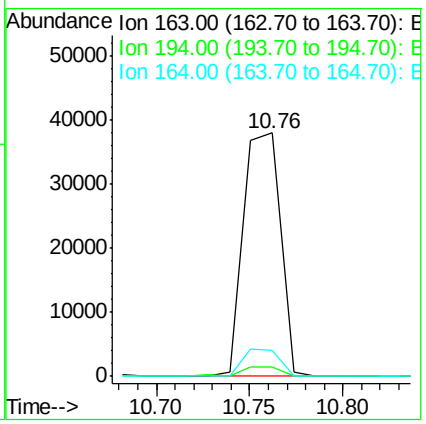


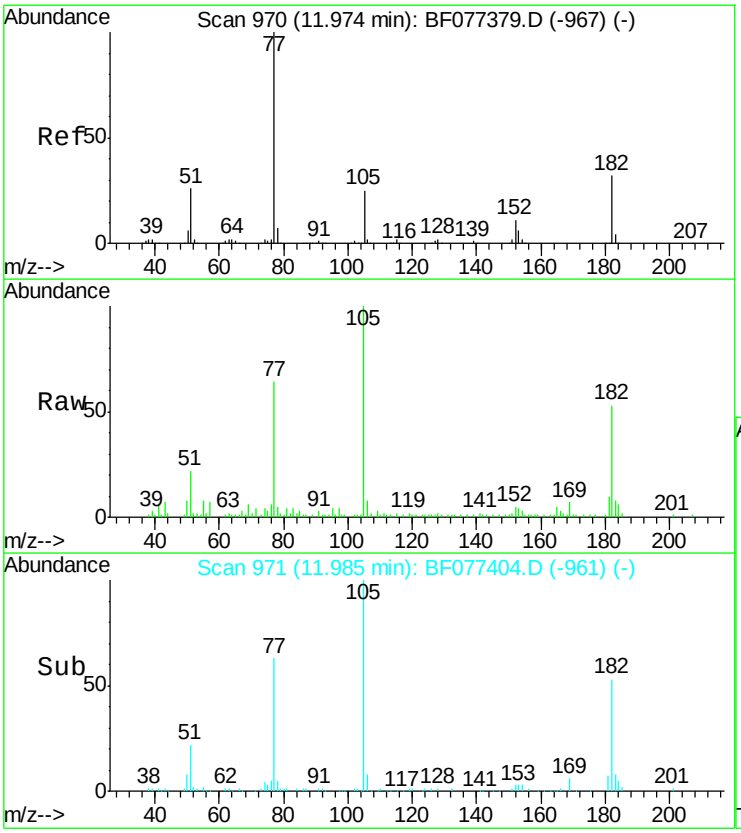
#49
Dimethylphthalate
Concen: 3.74 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:163 Resp: 52260

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	10.5	8.6	13.0

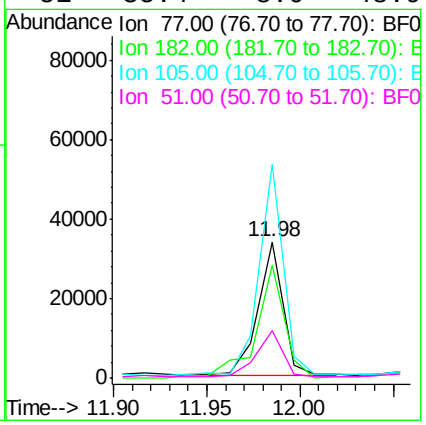


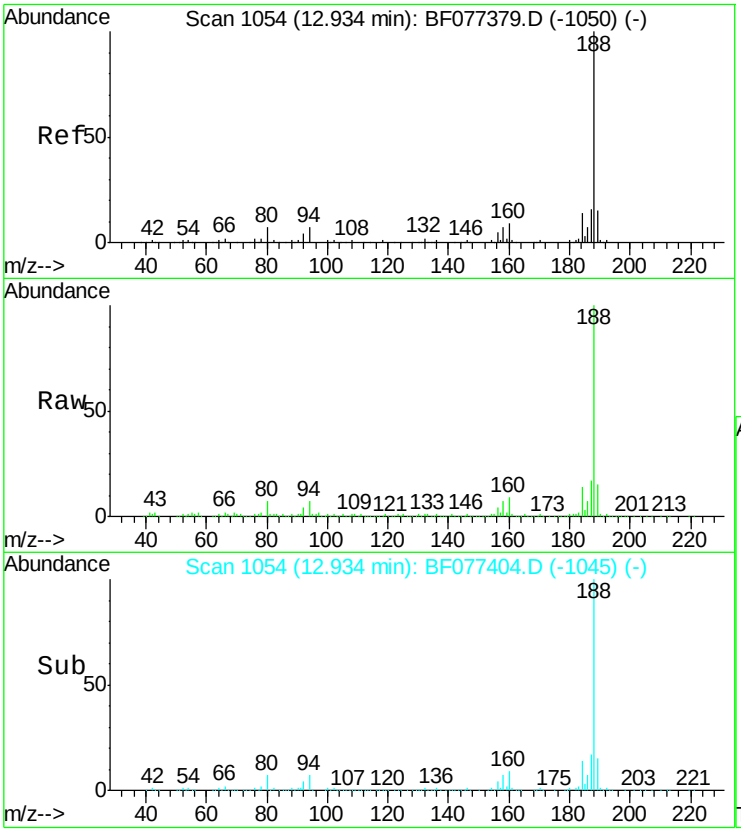


#62
Azobenzene
Concen: 2.35 ng
RT: 11.98 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion: 77 Resp: 30687

Ion	Ratio	Lower	Upper
77	100		
182	83.5	4.9	44.9#
105	157.4	3.3	43.3#
51	35.4	8.9	48.9



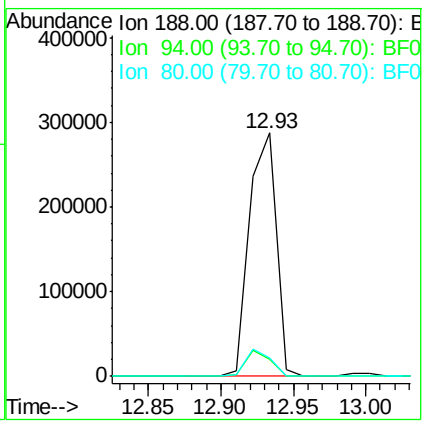


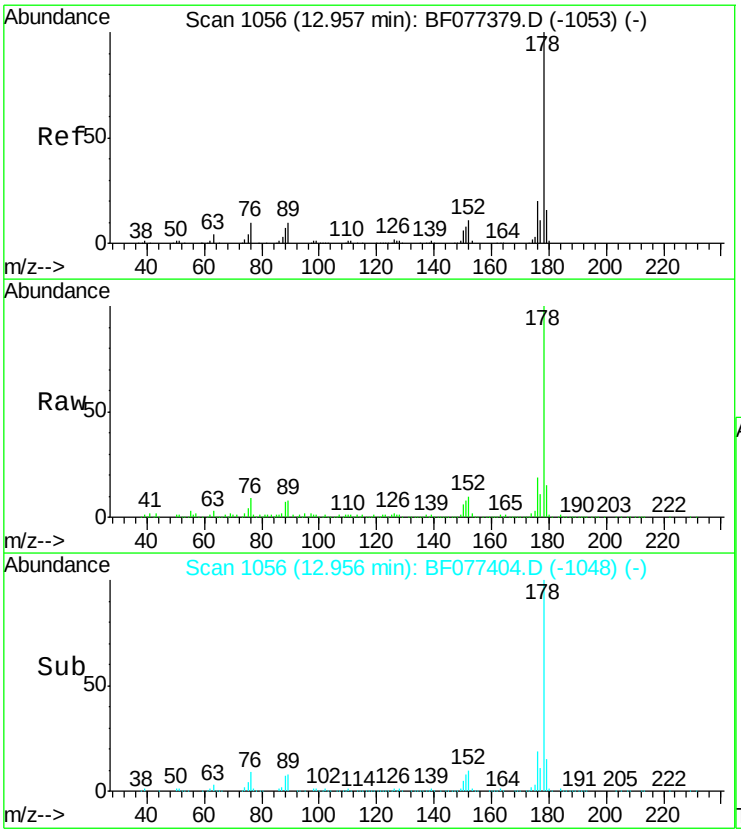
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:188 Resp: 370900

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.4	11.2#
80	7.3	8.0	12.0#

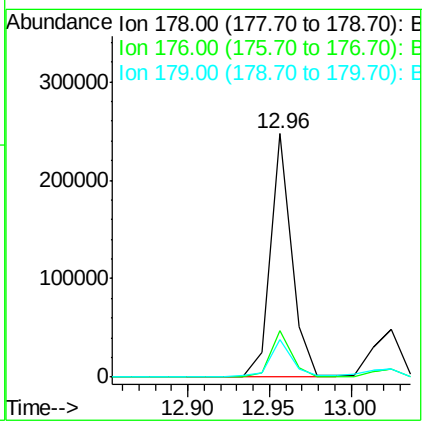


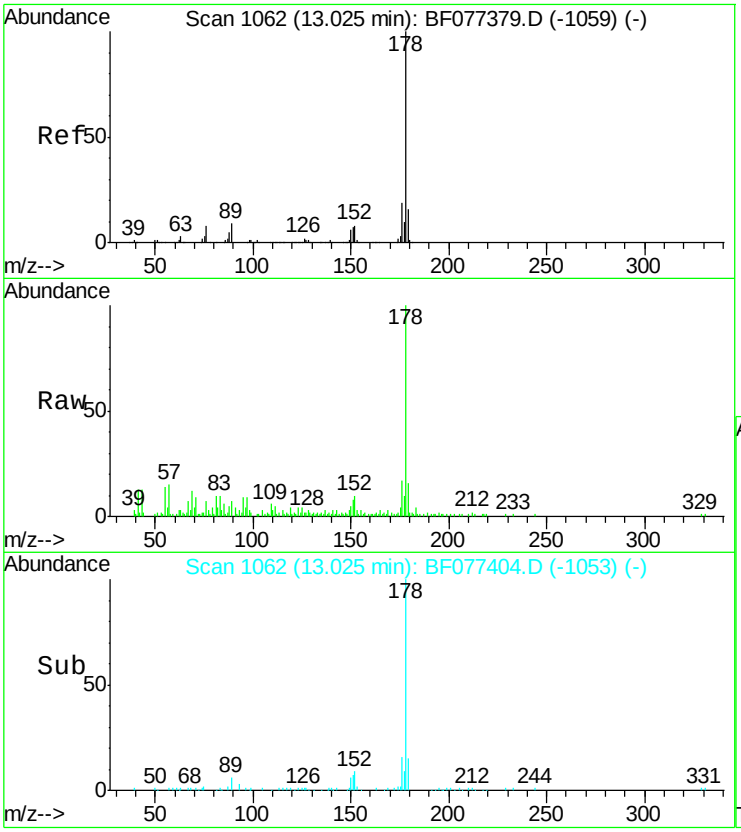


#70
Phenanthrene
Concen: 10.39 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:178 Resp: 223433

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.2	18.2



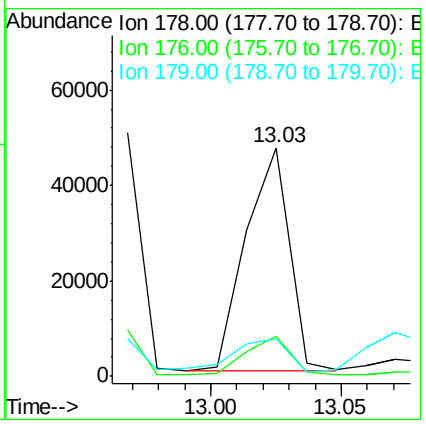


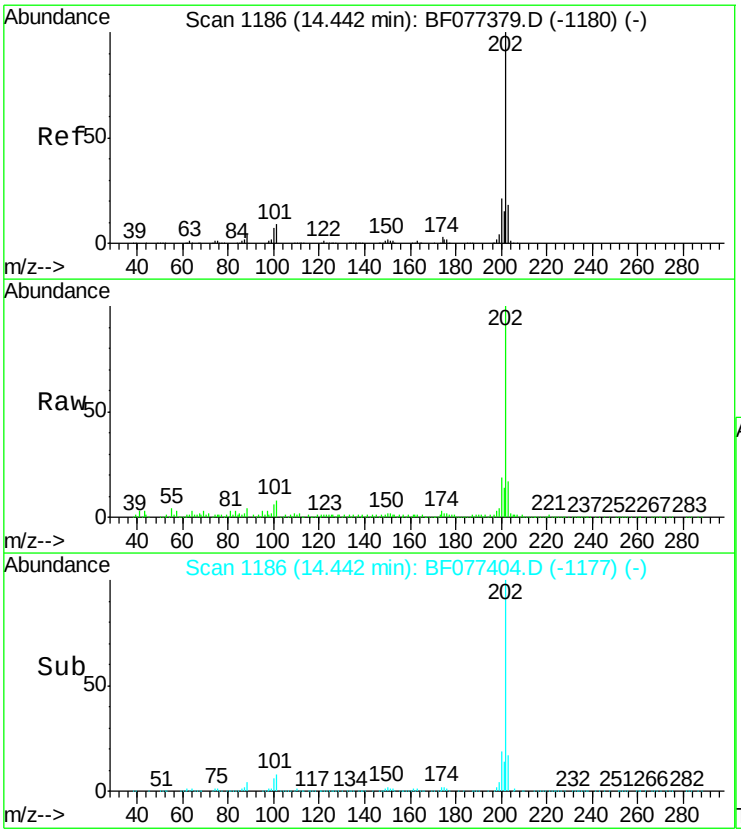
#71
Anthracene
Concen: 2.53 ng
RT: 13.03 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:178 Resp: 54071

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.0
179	16.3	12.9	19.3

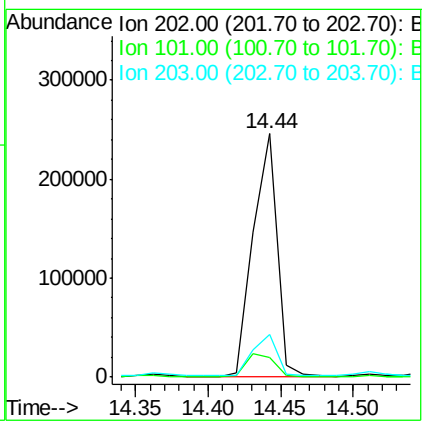


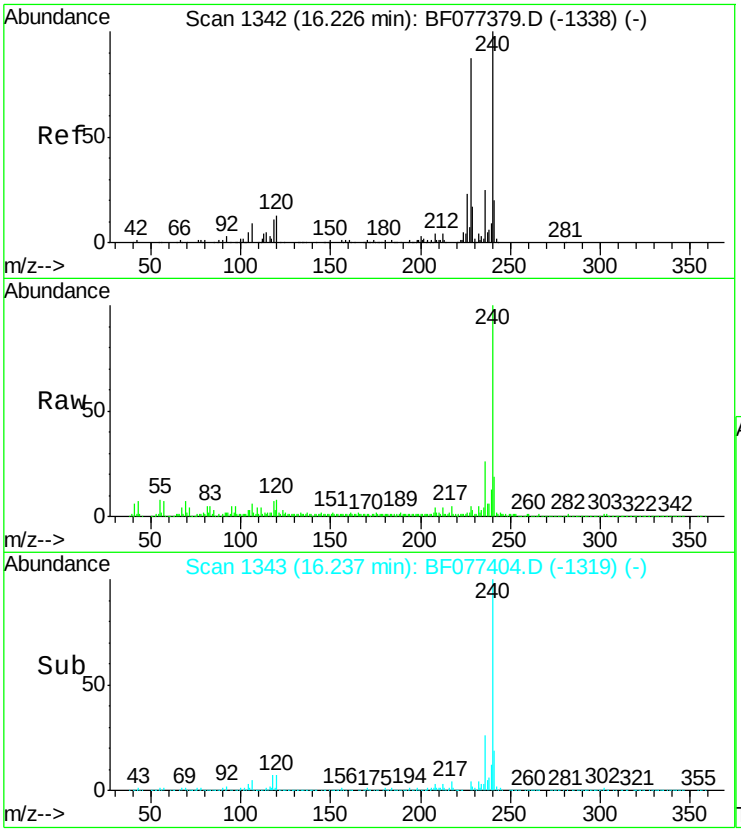


#74
Fluoranthene
Concen: 11.90 ng
RT: 14.44 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:202 Resp: 279401

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	30.8
203	17.3	0.0	37.7



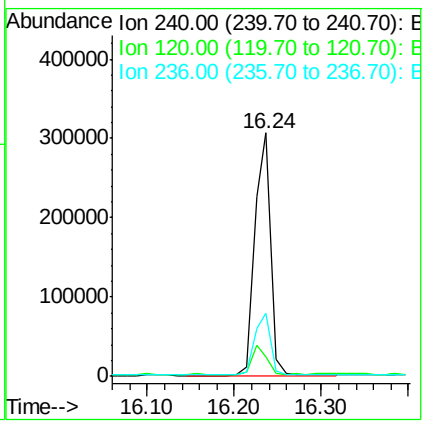


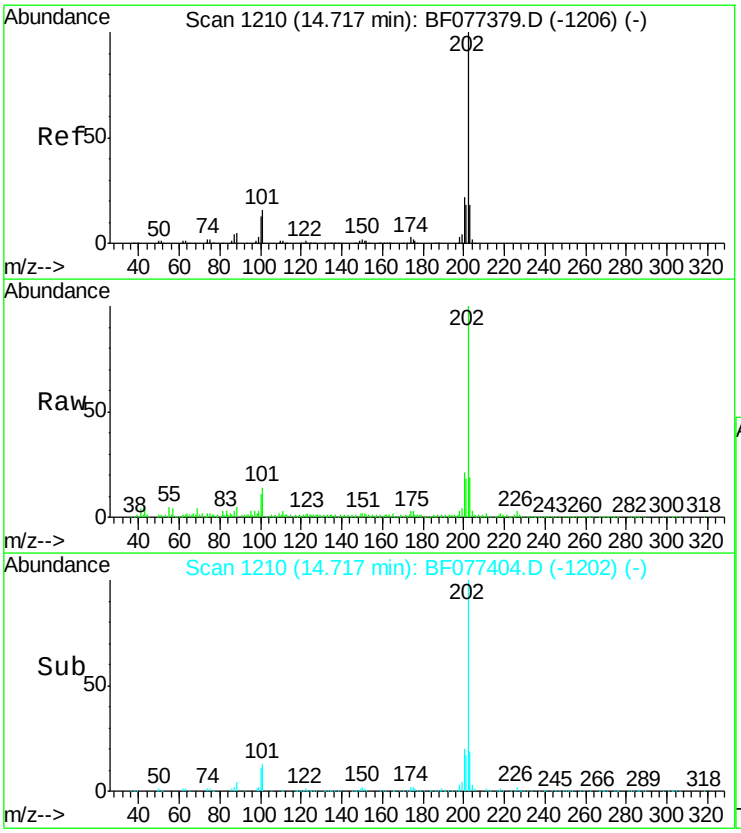
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:240 Resp: 391499

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.8	13.2#
236	26.0	20.7	31.1

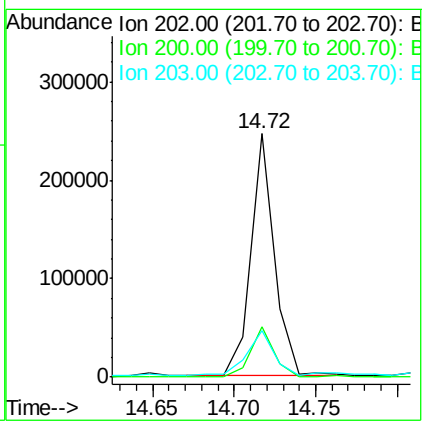


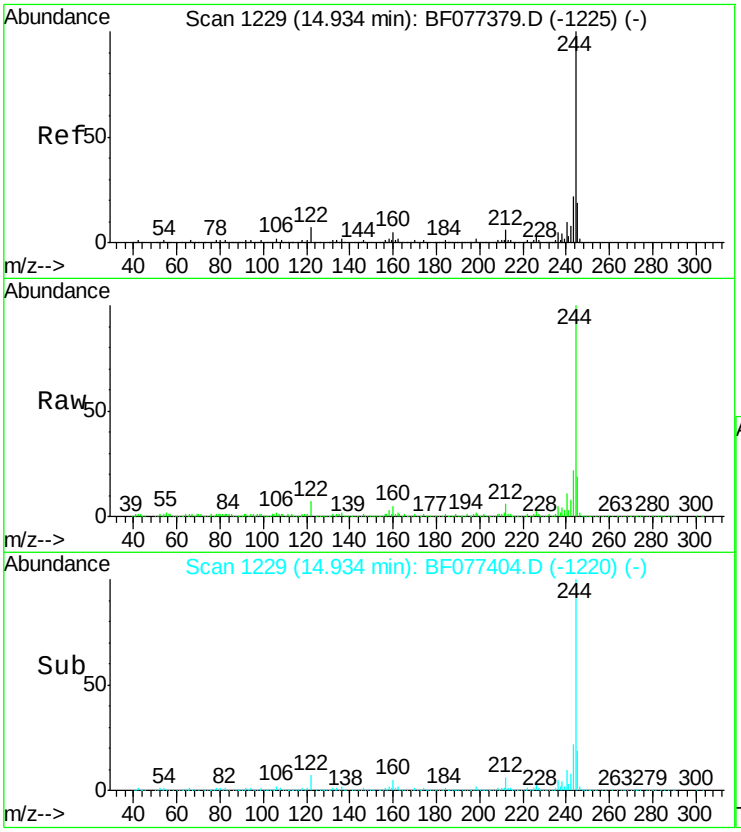


#77
Pyrene
Concen: 10.31 ng
RT: 14.72 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:202 Resp: 246805

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.1	25.7
203	19.3	14.2	21.2



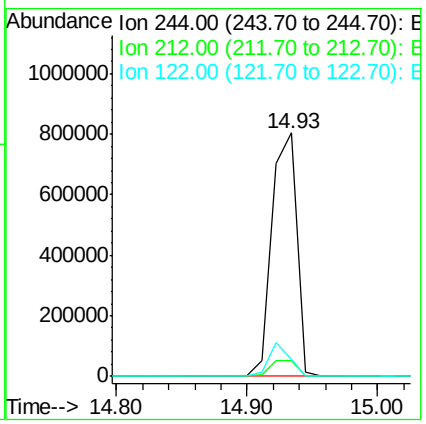


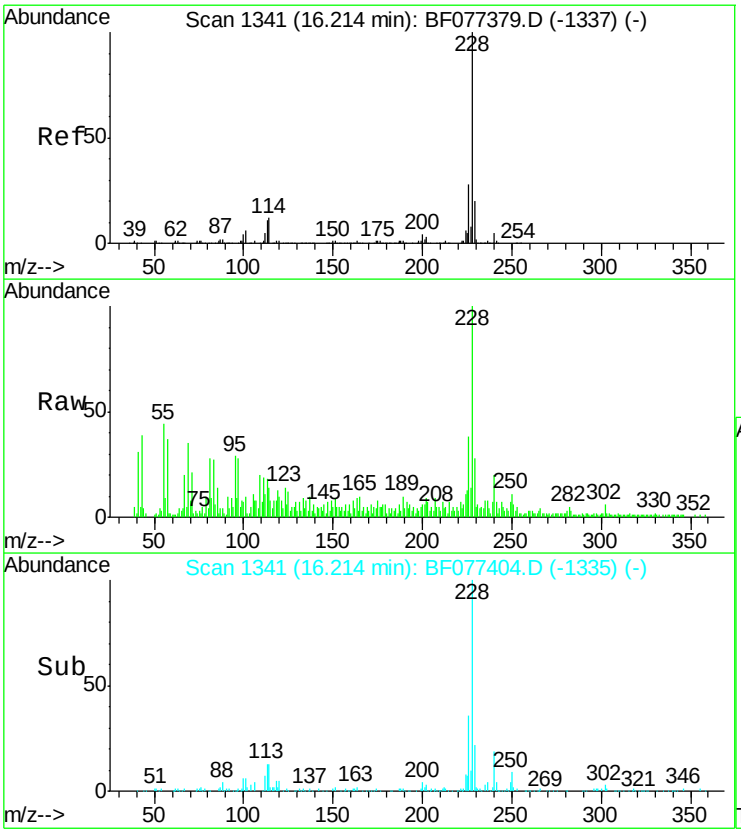
#78
Terphenyl-d14
Concen: 64.81 ng
RT: 14.93 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:244 Resp: 1085429

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	6.9	7.8	11.8#

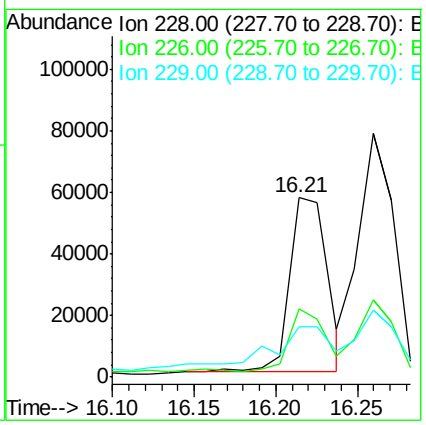


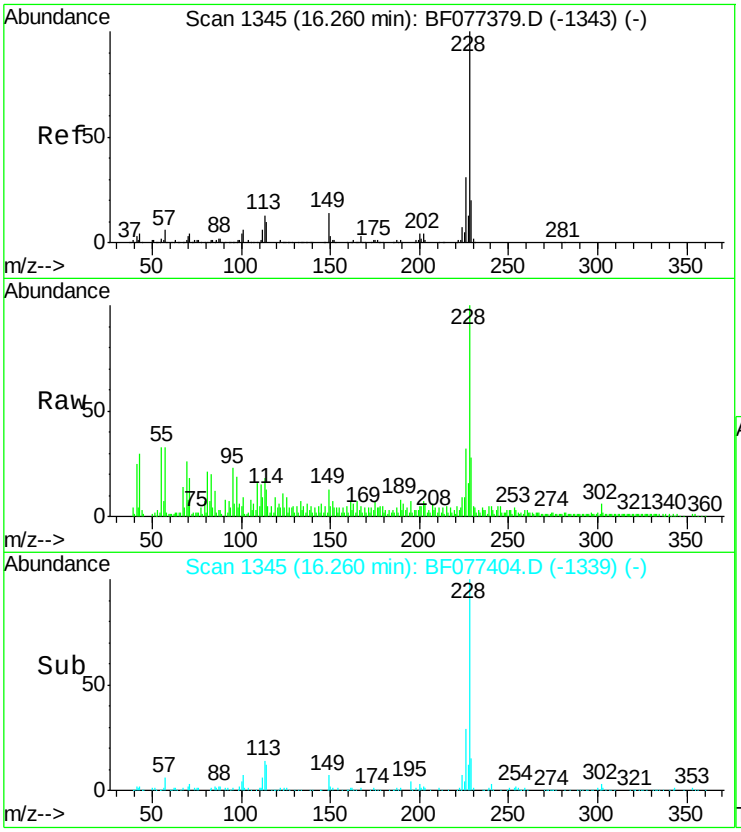


#80
Benzo(a)anthracene
Concen: 3.92 ng
RT: 16.21 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:228 Resp: 90010

Ion	Ratio	Lower	Upper
228	100		
226	38.0	22.0	33.0#
229	28.4	15.8	23.8#



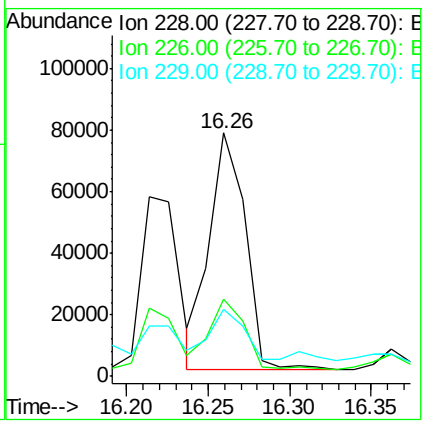


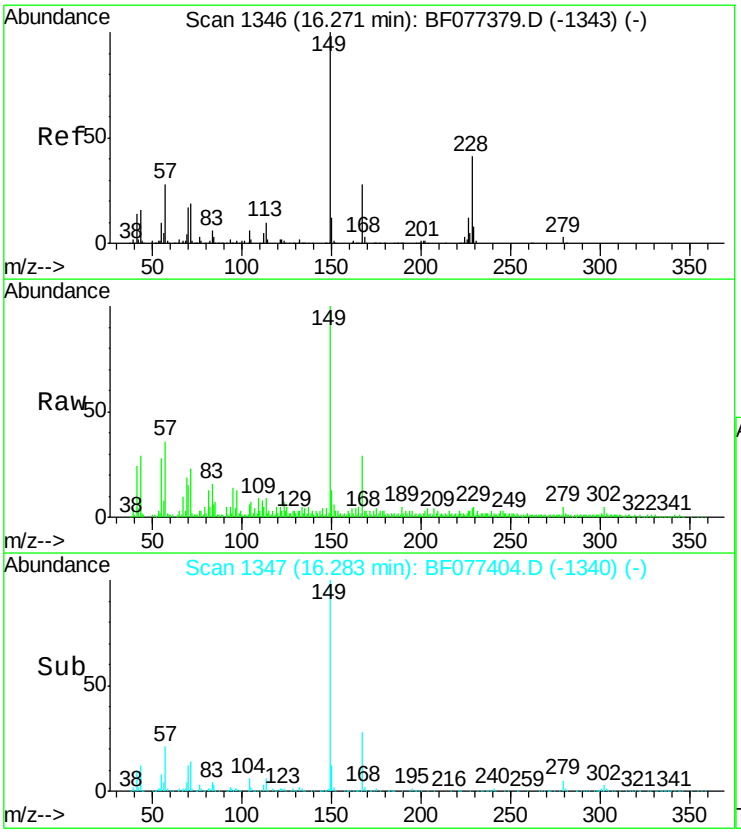
#82
Chrysene
Concen: 5.44 ng
RT: 16.26 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:228 Resp: 117105

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	27.7	16.4	24.6#

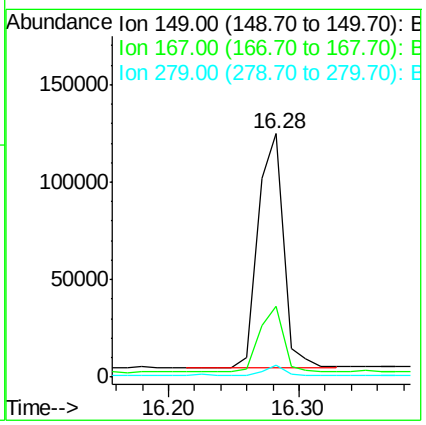


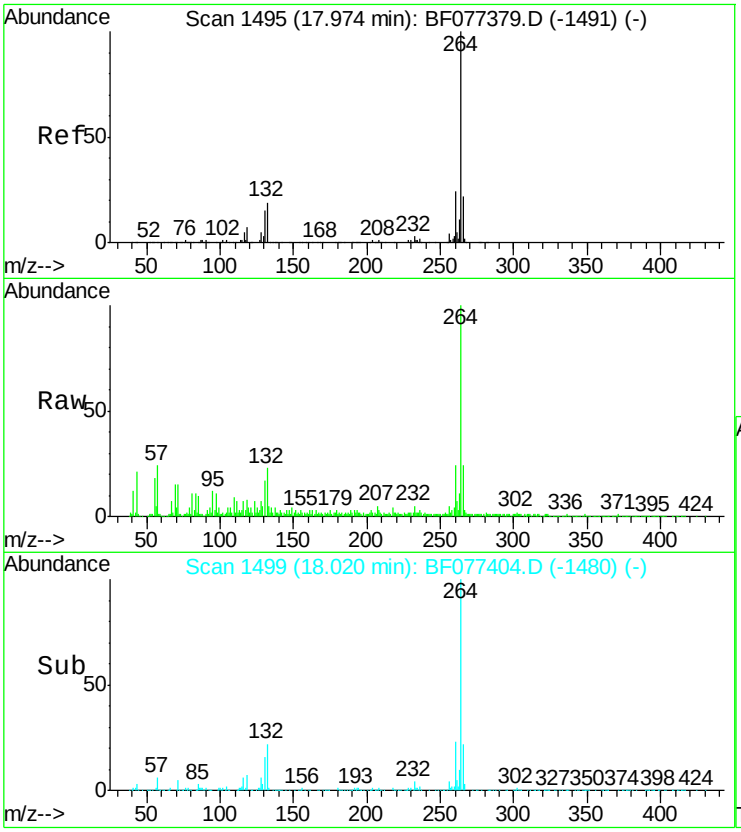


#83
Bis(2-ethylhexyl)phthalate
Concen: 10.47 ng
RT: 16.28 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:149 Resp: 165451

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.8	34.2
279	5.1	3.8	5.6



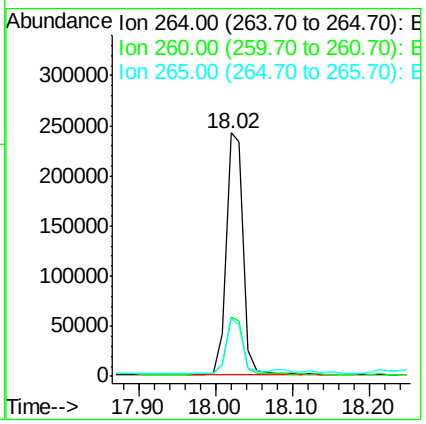


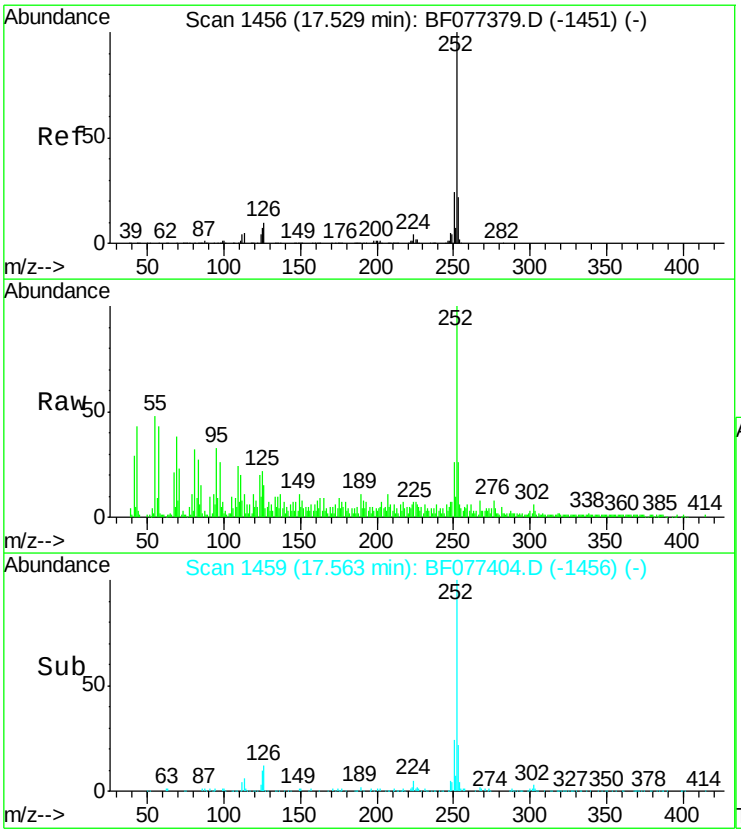
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.02 min Scan# 1499
Delta R.T. -0.08 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:264 Resp: 379918

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	23.6	16.8	25.2

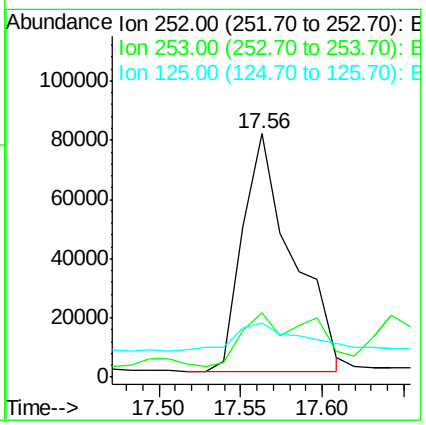


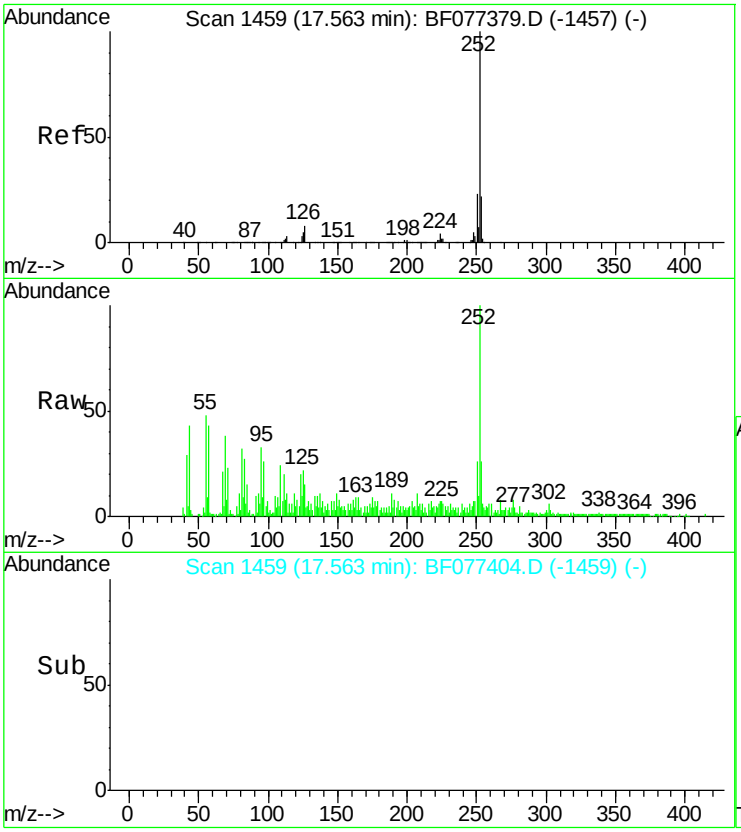


#87
Benzo(b)fluoranthene
Concen: 7.76 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.07 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:252 Resp: 171346

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.6	26.4
125	22.3	5.4	8.2#



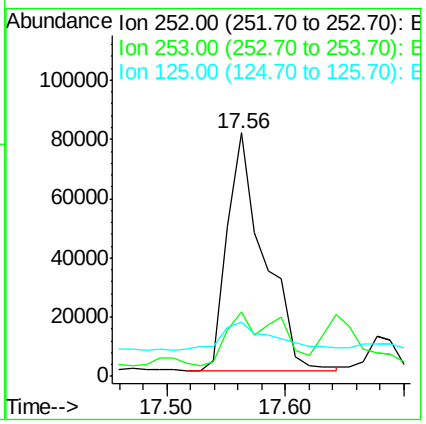


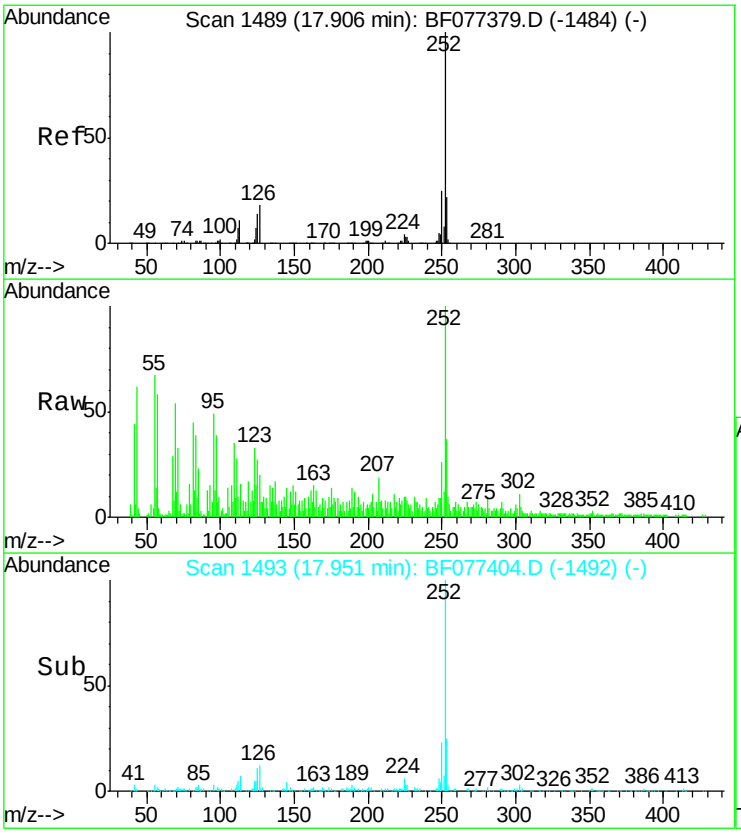
#88
Benzo(k)fluoranthene
Concen: 8.07 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.10 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:252 Resp: 174762

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.1	27.1
125	22.3	10.1	15.1#

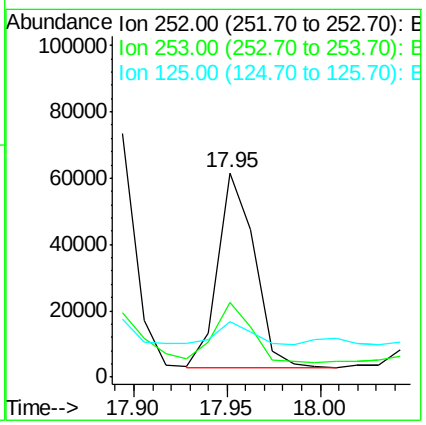


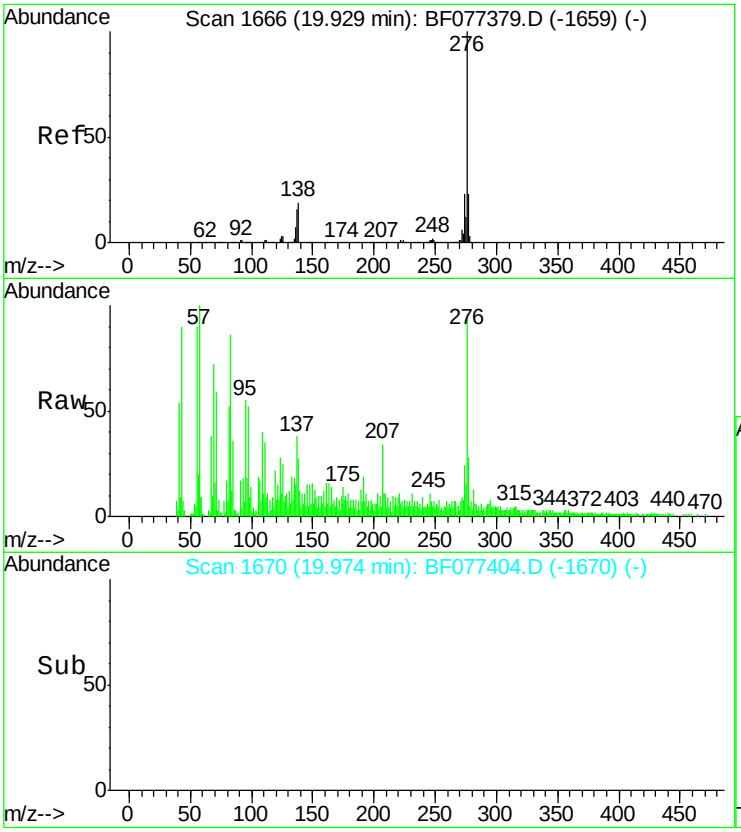


#89
Benzo(a)pyrene
Concen: 3.80 ng
RT: 17.95 min Scan# 1493
Delta R.T. -0.09 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Tgt Ion:252 Resp: 79858

Ion	Ratio	Lower	Upper
252	100		
253	36.8	18.2	27.2#
125	27.4	8.3	12.5#





#91
Benzo(g,h,i)perylene
Concen: 3.21 ng
RT: 19.97 min Scan# 1670
Delta R.T. -0.10 min
Lab File: BF077404.D
Acq: 23 Feb 2015 14:44

Instrument :
BNA_F
ClientSampleId :
HF-4

Tgt Ion:276 Resp: 65088

Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.9	28.3#
138	28.3	20.5	30.7