Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
Data File : BF077403.D
Acq On : 23 Feb 2015 14:16
Operator : TP/IZ
Sample : G1332-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HF-3

Quant Time: Feb 24 02:26:24 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	76212	20.00	ng		0.00
21) Naphthalene-d8	8.91	136	312086	20.00	ng		0.00
38) Acenaphthene-d10	11.08	164	171992	20.00	ng		-0.01
63) Phenanthrene-d10	12.95	188	296282	20.00	ng		0.01
75) Chrysene-d12	16.24	240	316667	20.00	ng		-0.02
86) Perylene-d12	18.01	264	352797	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	447778	98.09	ng		0.00
7) Phenol-d6	6.88	99	569249	96.98	ng		-0.01
23) Nitrobenzene-d5	8.02	82	351671	70.07	ng		-0.01
41) 2,4,6-Tribromophenol	12.08	330	134399	81.16	ng		0.01
44) 2-Fluorobiphenyl	10.26	172	687455	62.32	ng		0.00
78) Terphenyl-d14	14.93	244	765707	56.53	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.89	94	14083	2.02	ng	#	30
31) Naphthalene	8.94	128	5150000	329.98	ng	#	90
37) 2-Methylnaphthalene	9.80	142	3359018	303.07	ng	#	95
49) Dimethylphthalate	10.76	163	47936	3.97	ng	#	97
51) Acenaphthene	11.14	154	3203481	331.83	ng		97
54) Dibenzofuran	11.36	168	4085207	274.07	ng	#	87
57) Fluorene	11.79	166	4624576	388.07	ng		97
70) Phenanthrene	13.00	178	11193469	651.83	ng	#	85
71) Anthracene	13.05	178	2396839	140.65	ng		95
72) Carbazole	13.23	167	826044	50.98	ng		97
74) Fluoranthene	14.48	202	6506294	346.85	ng		90
77) Pyrene	14.75	202	5651394	291.75	ng	#	90
80) Benzo(a)anthracene	16.23	228	2079377	112.04	ng		94
82) Chrysene	16.27	228	1526538	87.60	ng		96
85) Indeno(1,2,3-cd)pyrene	19.49	276	210842m	10.61	ng		
87) Benzo(b)fluoranthene	17.55	252	984868m	48.01	ng		
88) Benzo(k)fluoranthene	17.57	252	399922m	19.89	ng		
89) Benzo(a)pyrene	17.94	252	649100	33.22	ng		100
90) Dibenzo(a,h)anthracene	19.53	278	59790	3.21	ng	#	93
91) Benzo(g,h,i)perylene	19.94	276	180327	9.59	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
Data File : BF077403.D
Acq On : 23 Feb 2015 14:16
Operator : TP/IZ
Sample : G1332-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-3

Quant Time: Feb 24 02:26:24 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
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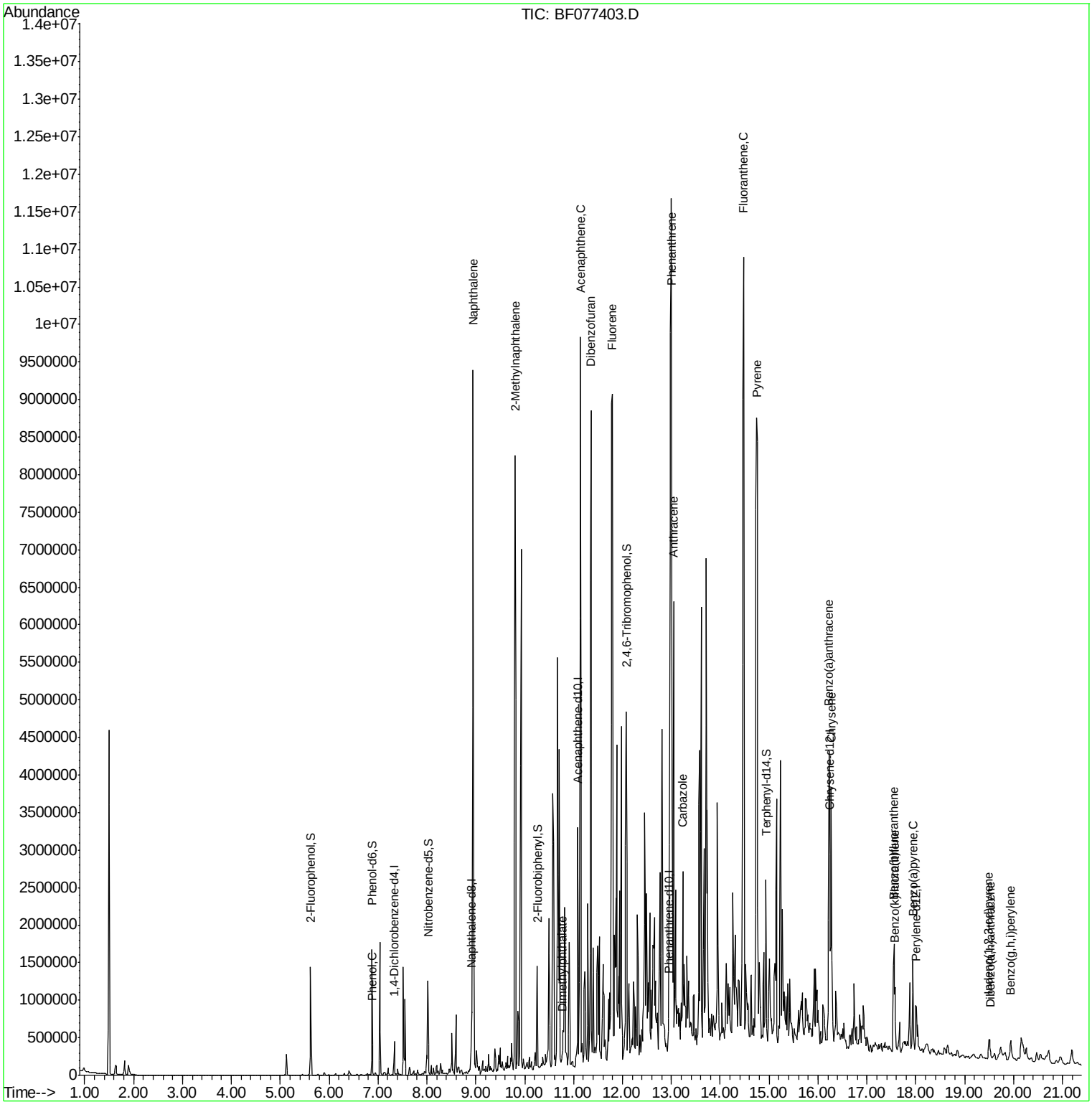
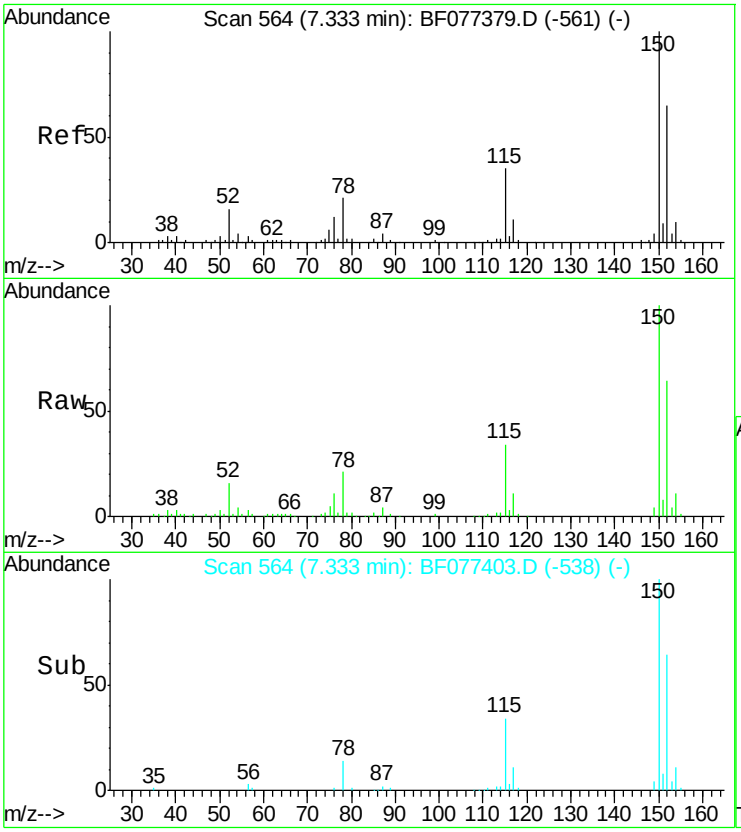


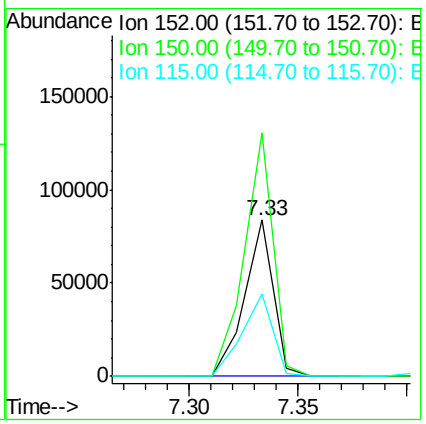


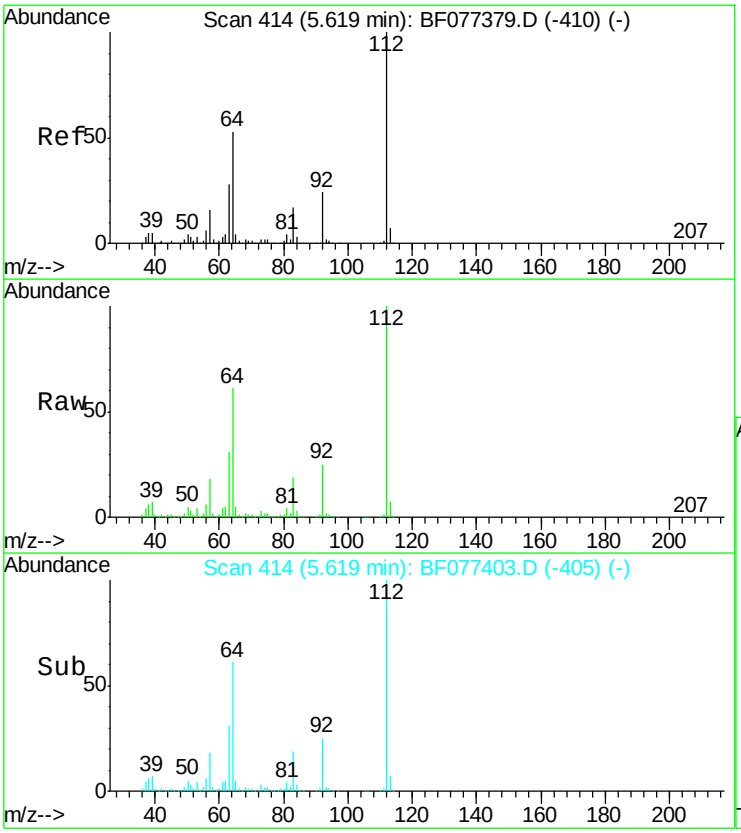
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:152 Resp: 76212

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	53.0	49.4	74.2

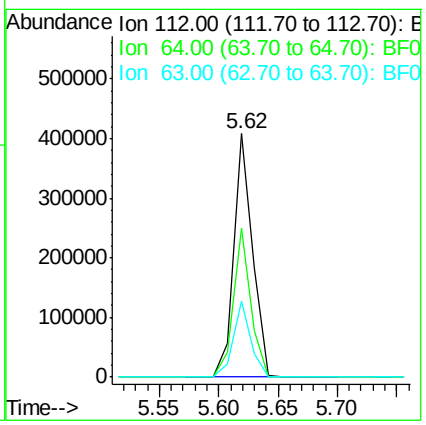


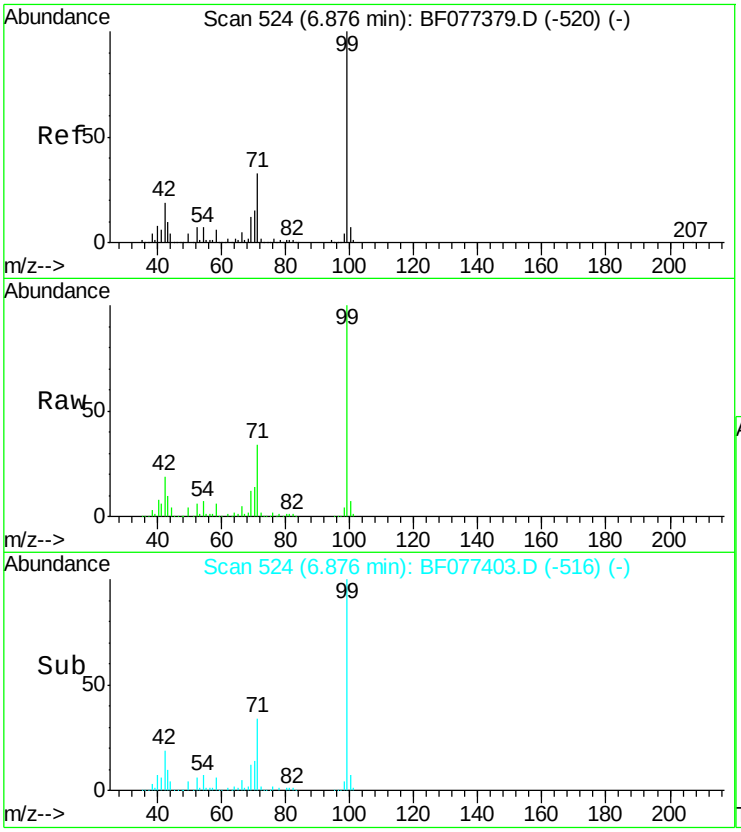


#5
2-Fluorophenol
Concen: 98.09 ng
RT: 5.62 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:112 Resp: 447778

Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.5	72.7
63	31.4	25.0	37.4



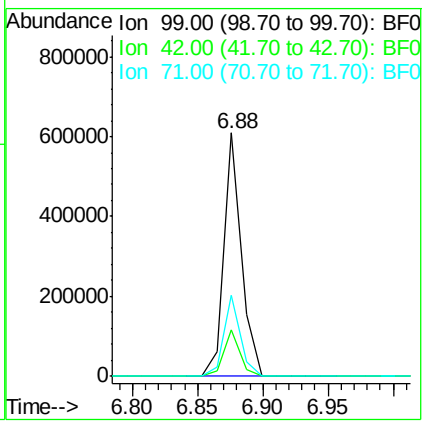


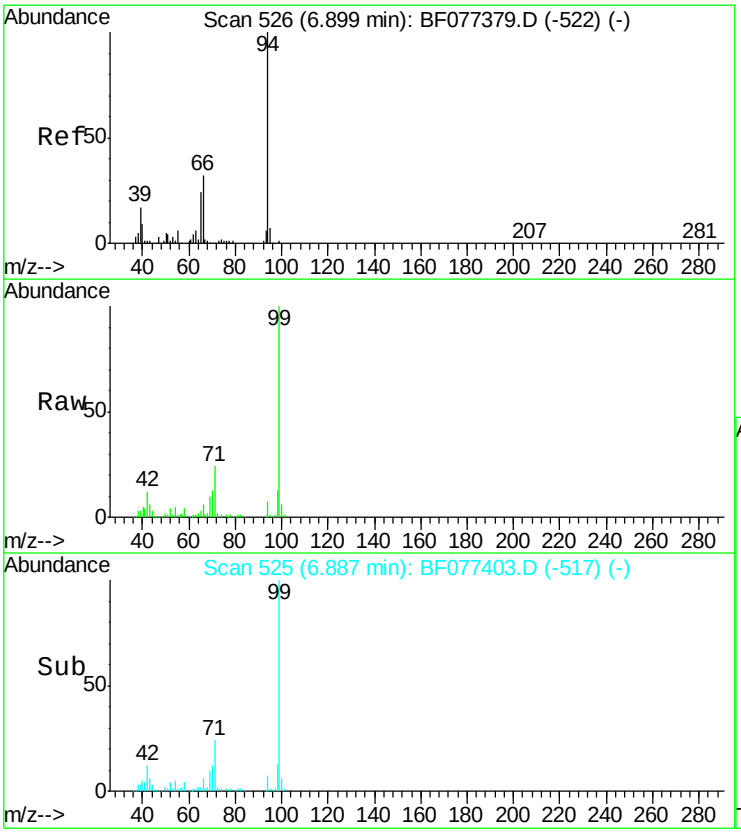
#7
Phenol-d6
Concen: 96.98 ng
RT: 6.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion: 99 Resp: 569249

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.4
71	33.5	26.7	40.1

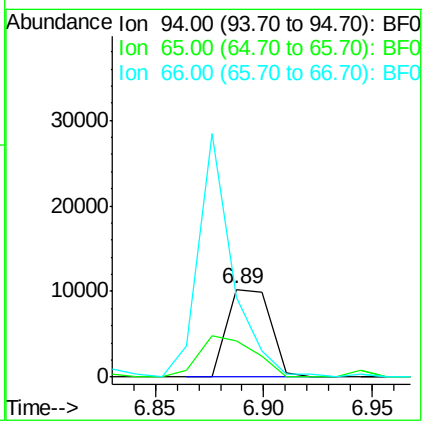


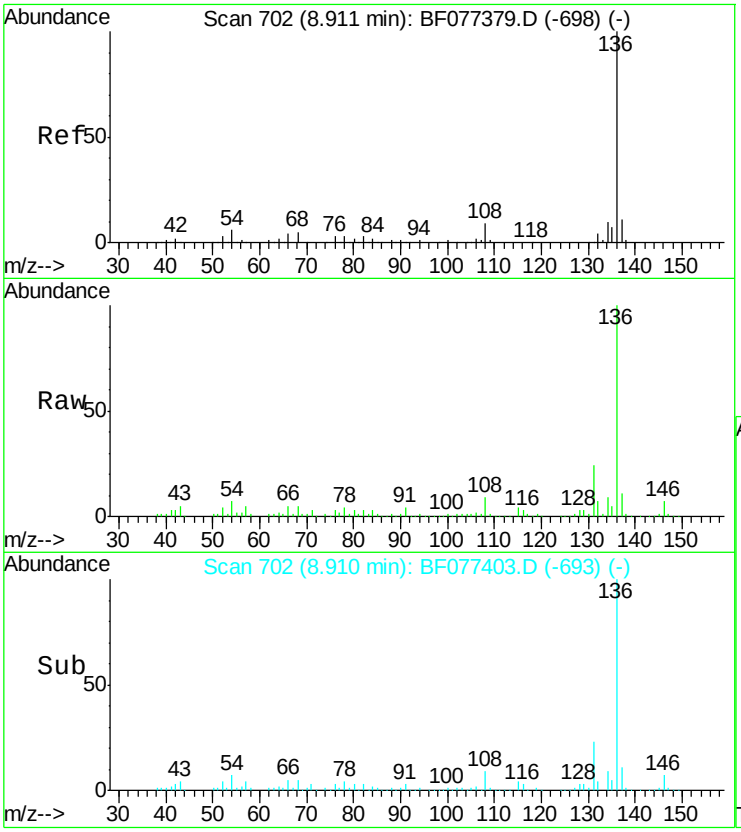


#10
Phenol
Concen: 2.02 ng
RT: 6.89 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion: 94 Resp: 14083

Ion	Ratio	Lower	Upper
94	100		
65	41.6	5.7	45.7
66	90.5	13.6	53.6#



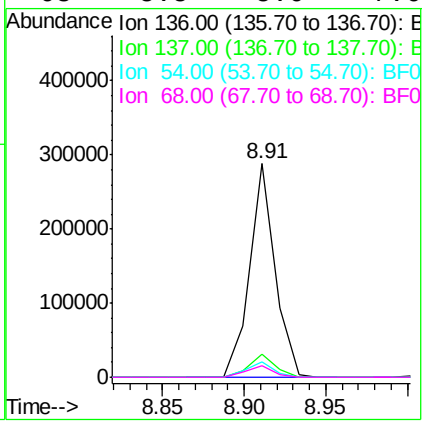


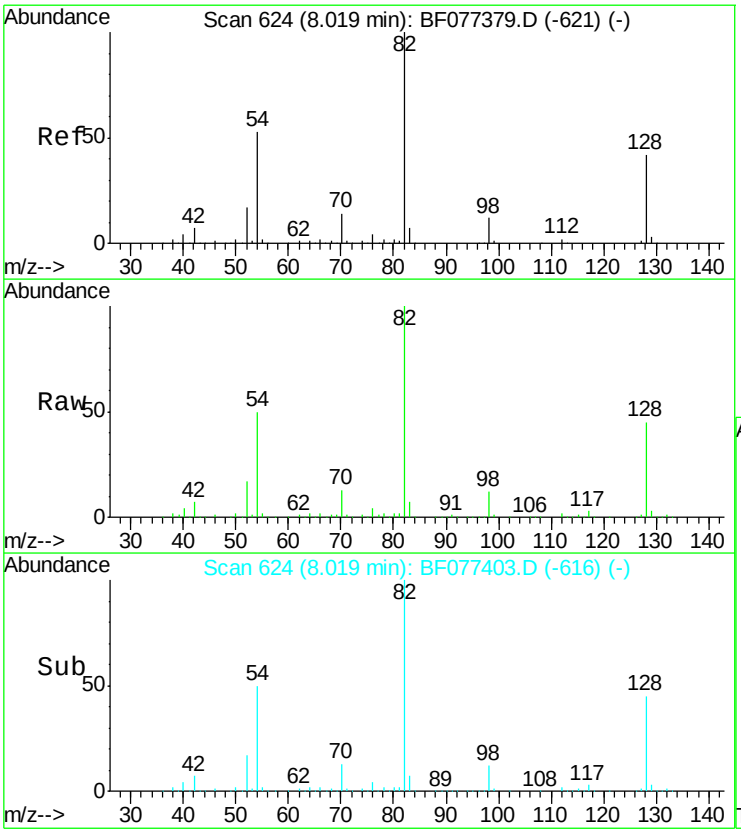
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.91 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:136 Resp: 312086

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.0	6.2	9.4
68	5.5	5.0	7.6

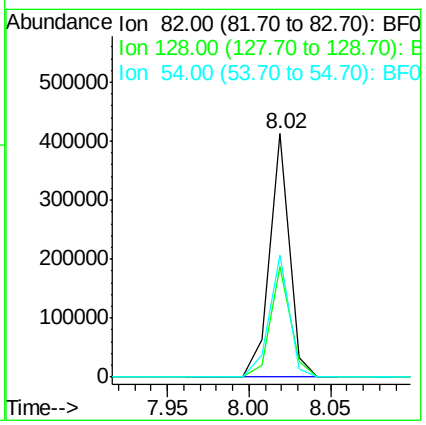


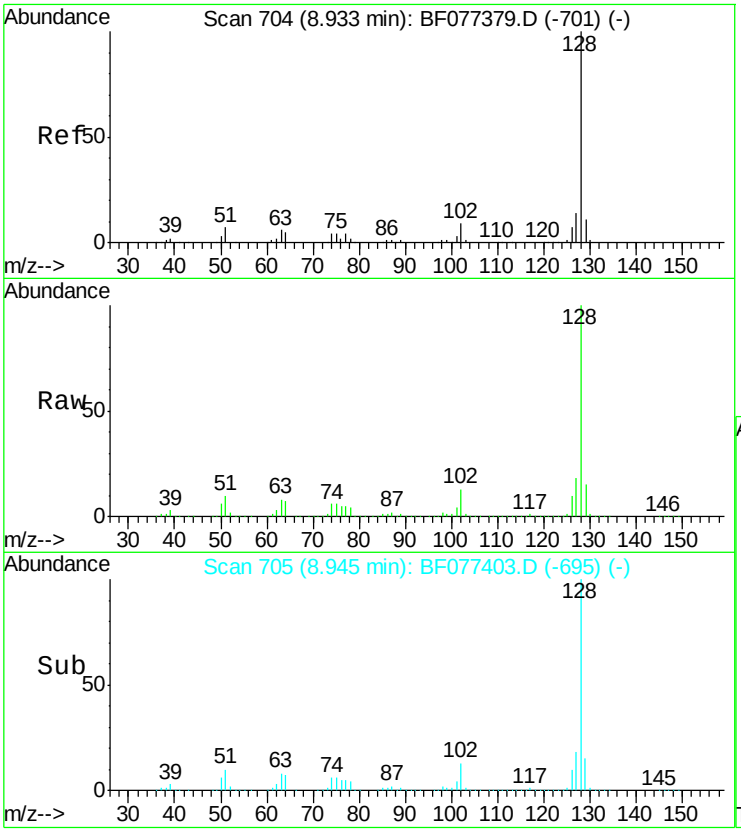


#23
Nitrobenzene-d5
Concen: 70.07 ng
RT: 8.02 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion: 82 Resp: 351671

Ion	Ratio	Lower	Upper
82	100		
128	45.4	43.8	65.8
54	50.0	36.7	55.1



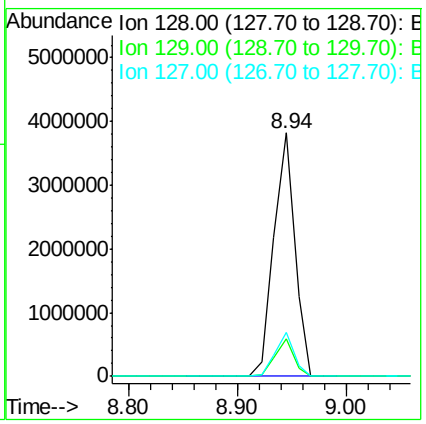


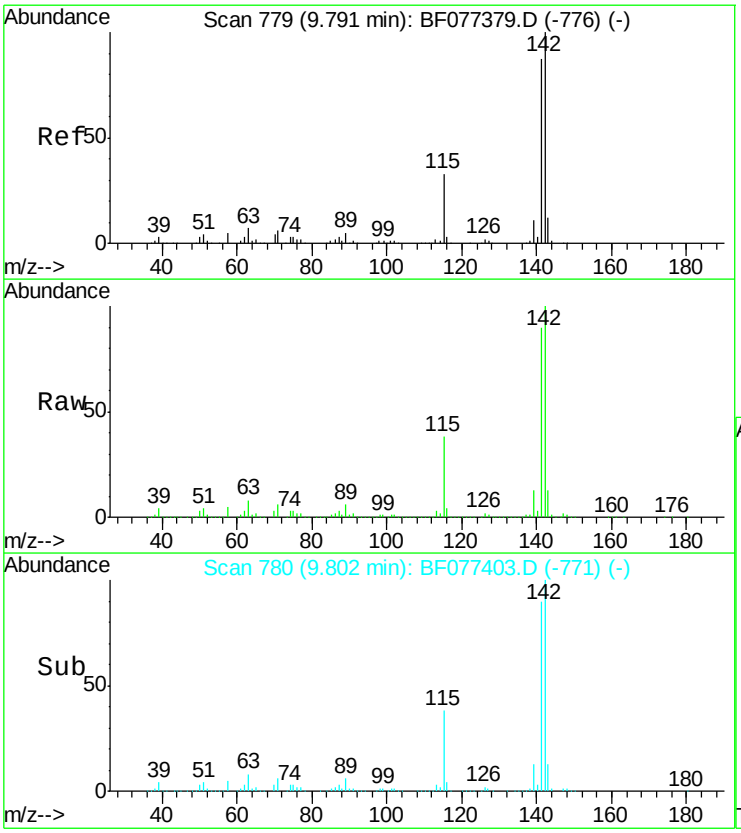
#31
Naphthalene
Concen: 329.98 ng
RT: 8.94 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:128 Resp: 5150000

Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.4	14.0#
127	17.8	10.6	15.8#

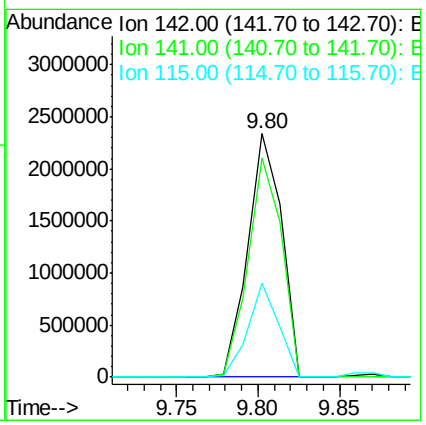


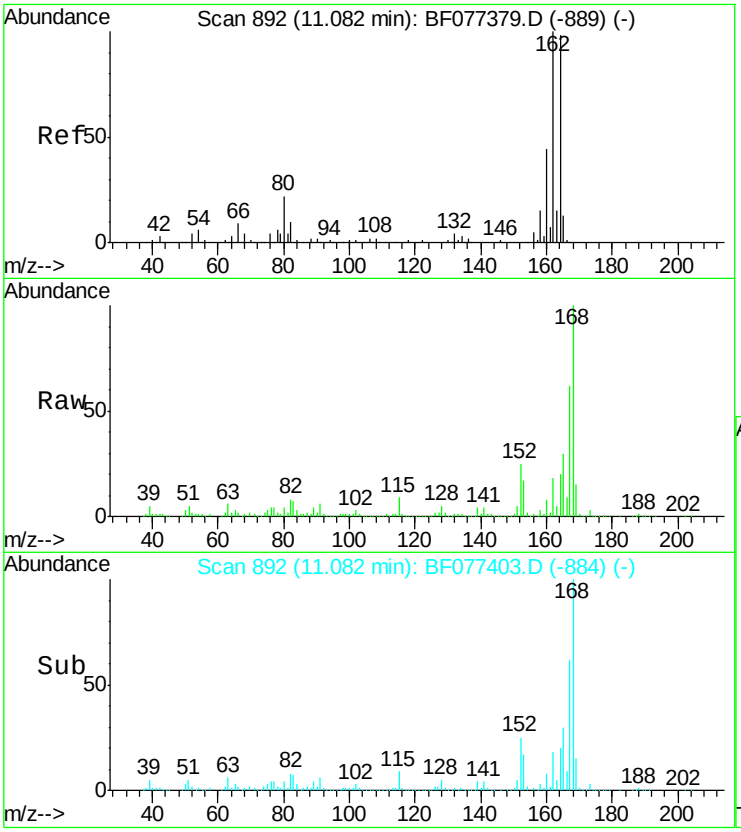


#37
2-Methylnaphthalene
Concen: 303.07 ng
RT: 9.80 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:142 Resp: 3359018

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.7	106.1
115	38.4	24.2	36.4#



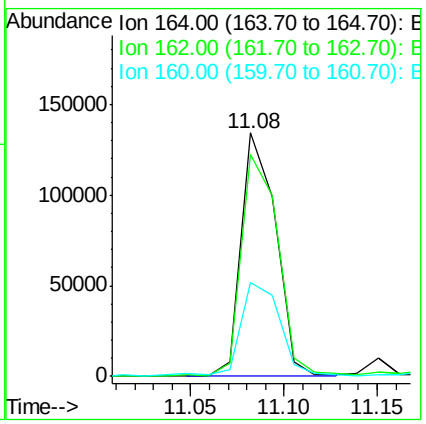


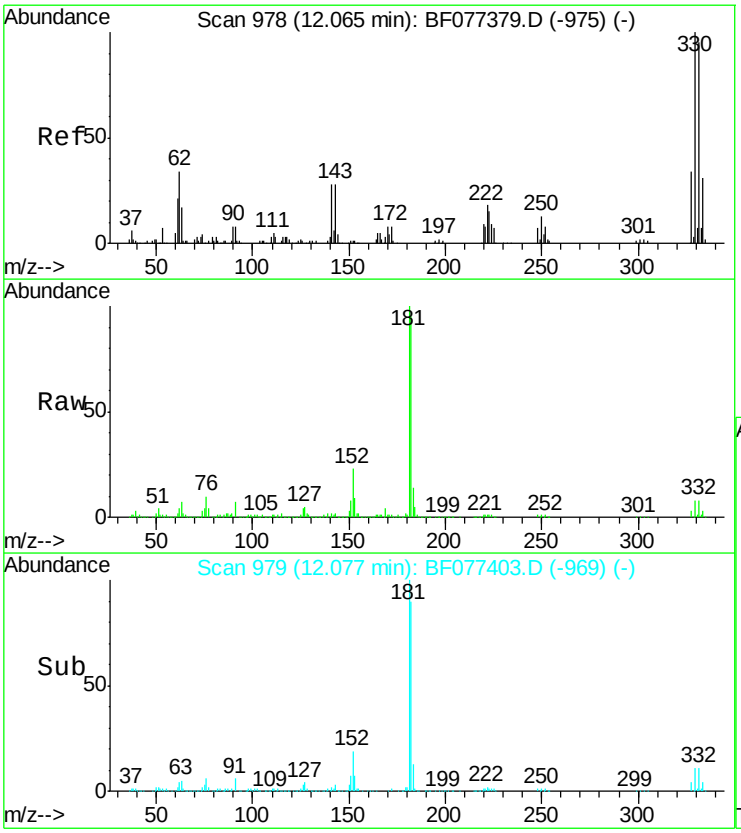
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:164 Resp: 171992

Ion	Ratio	Lower	Upper
164	100		
162	91.2	83.2	124.8
160	38.7	34.6	52.0

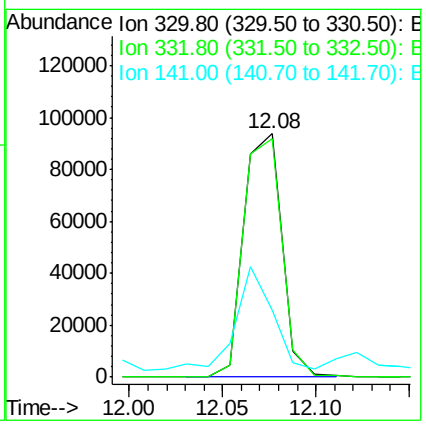


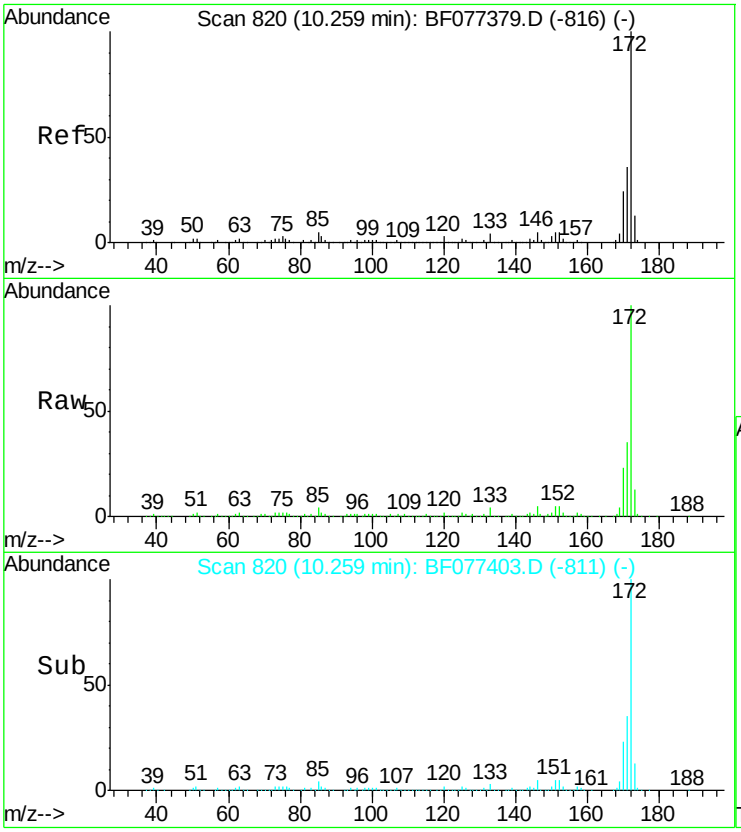


#41
2,4,6-Tribromophenol
Concen: 81.16 ng
RT: 12.08 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:330 Resp: 134399

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	40.2	28.8	43.2



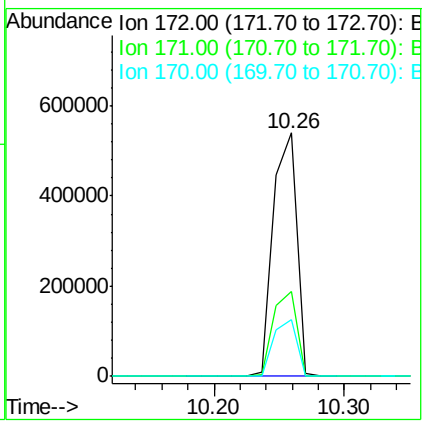


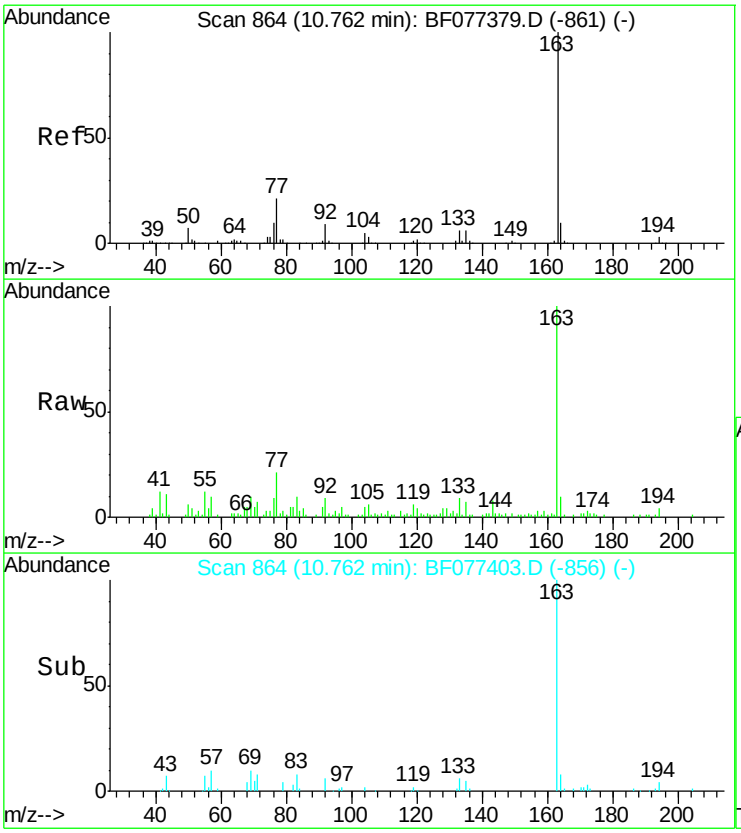
#44
2-Fluorobiphenyl
Concen: 62.32 ng
RT: 10.26 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:172 Resp: 687455

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.4	19.4	29.2

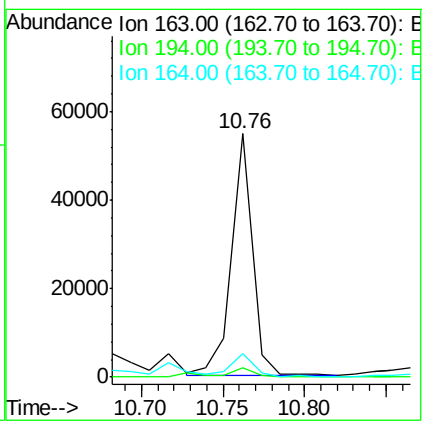


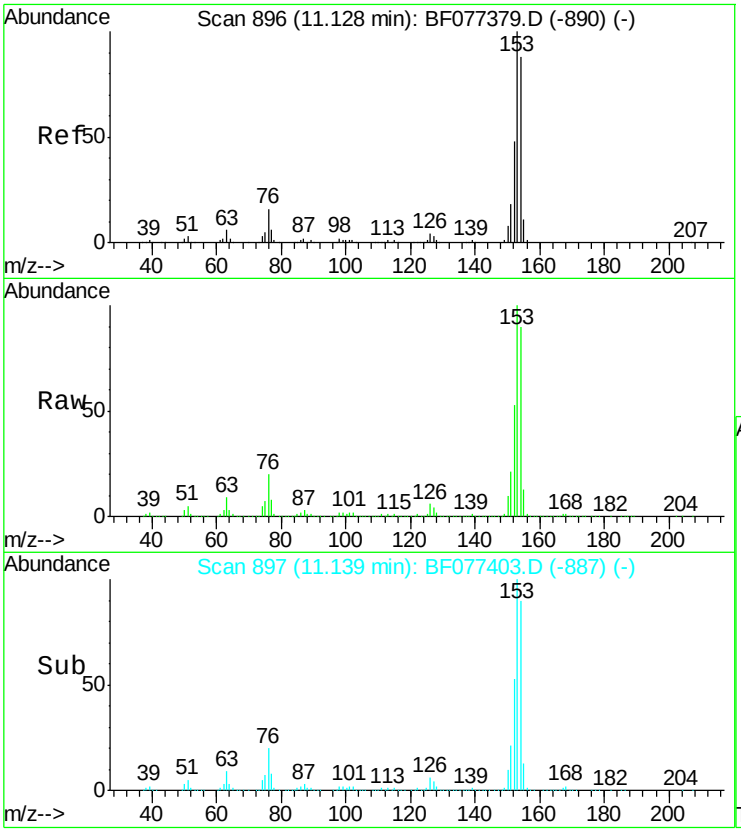


#49
Dimethylphthalate
Concen: 3.97 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:163 Resp: 47936

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.8	8.6	13.0



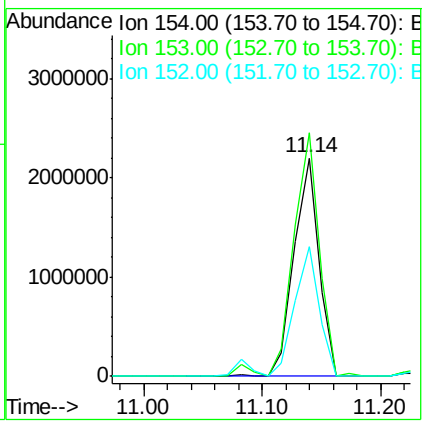


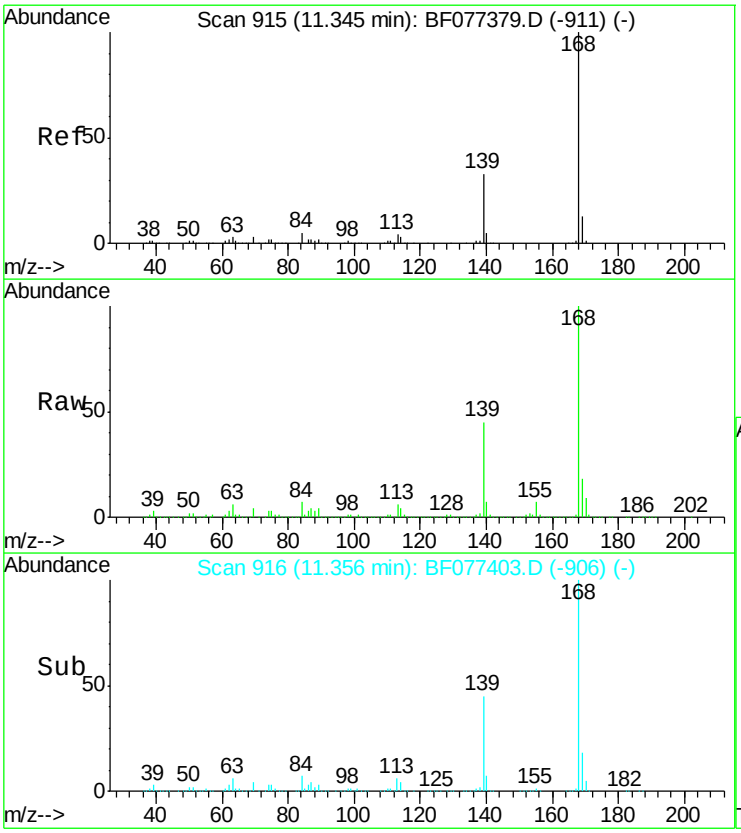
#51
Acenaphthene
Concen: 331.83 ng
RT: 11.14 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:154 Resp: 3203481

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.5	135.7
152	59.1	43.5	65.3

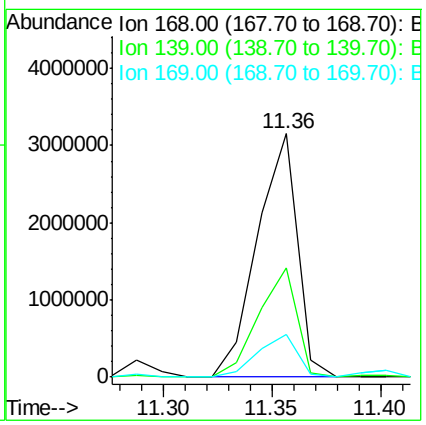


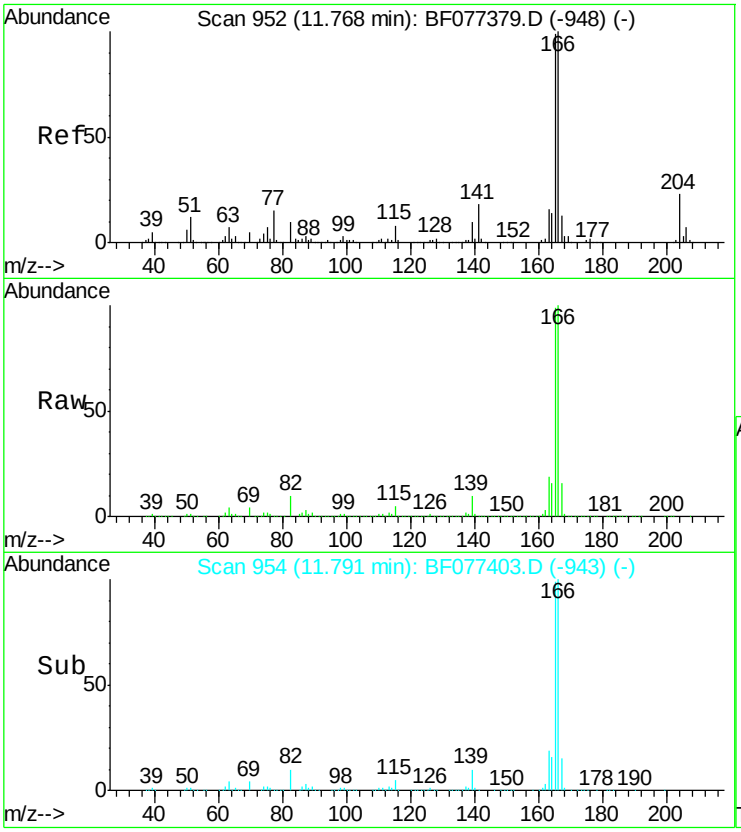


#54
Dibenzofuran
Concen: 274.07 ng
RT: 11.36 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:168 Resp: 4085207

Ion	Ratio	Lower	Upper
168	100		
139	45.0	29.3	43.9#
169	17.7	10.9	16.3#



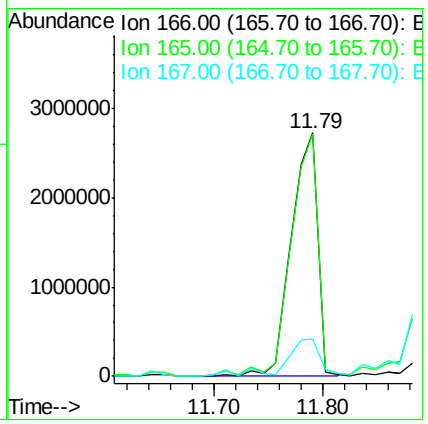


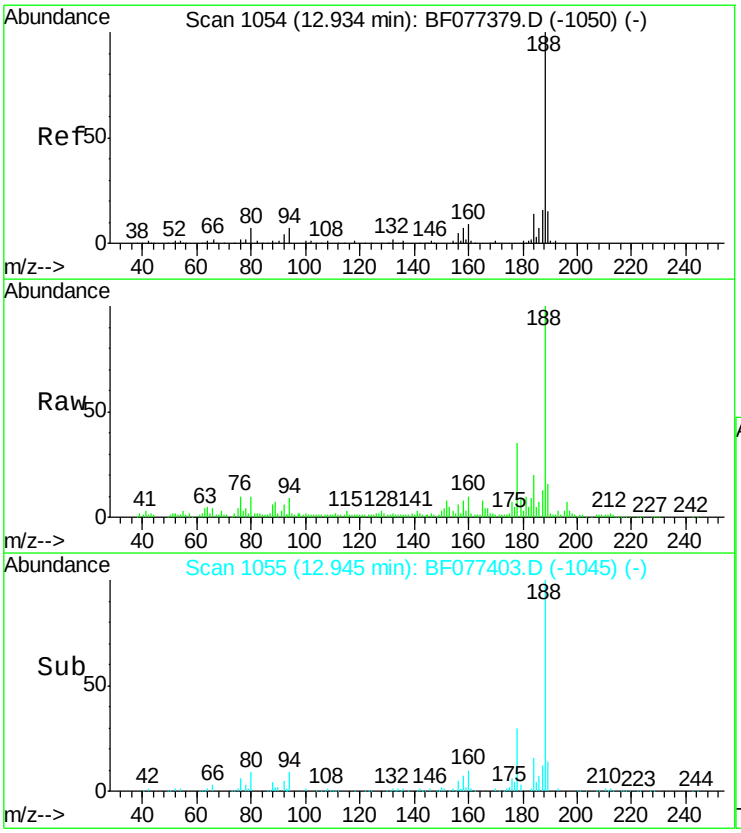
#57
Fluorene
Concen: 388.07 ng
RT: 11.79 min Scan# 954
Delta R.T. 0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:166 Resp: 4624576

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.6	116.4
167	15.5	10.6	16.0

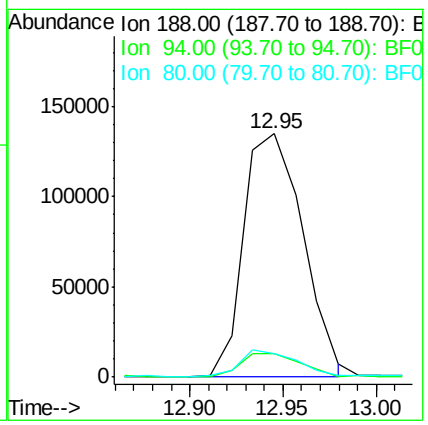


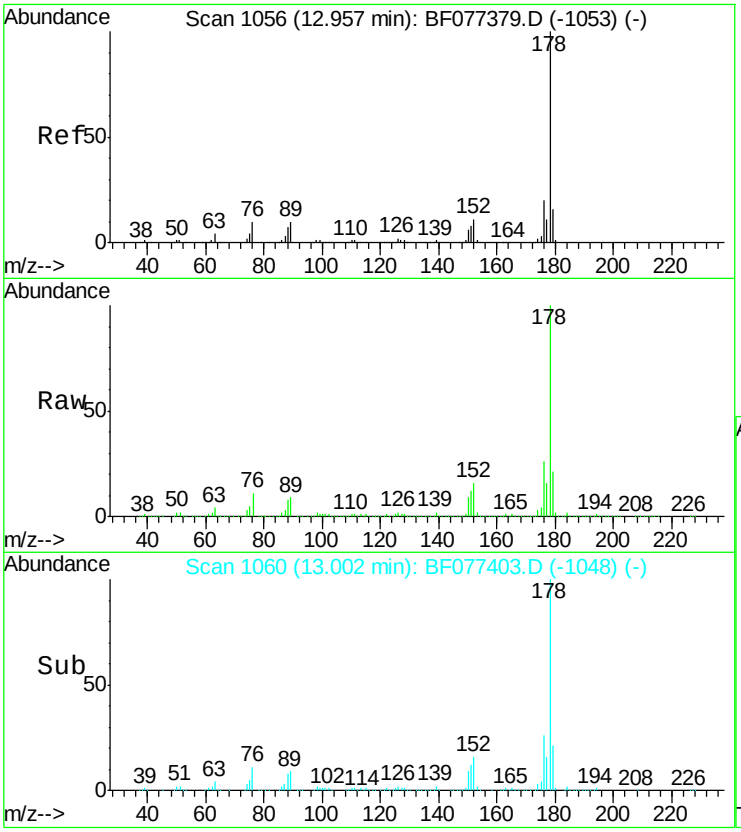


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:188 Resp: 296282

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	9.8	8.0	12.0



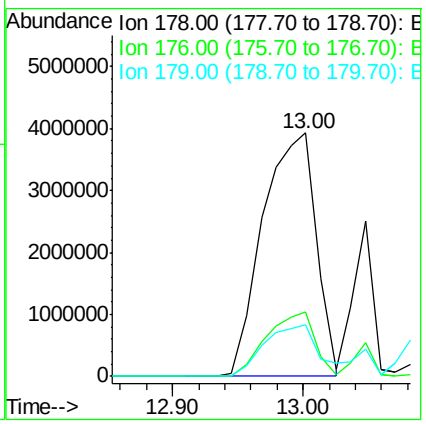


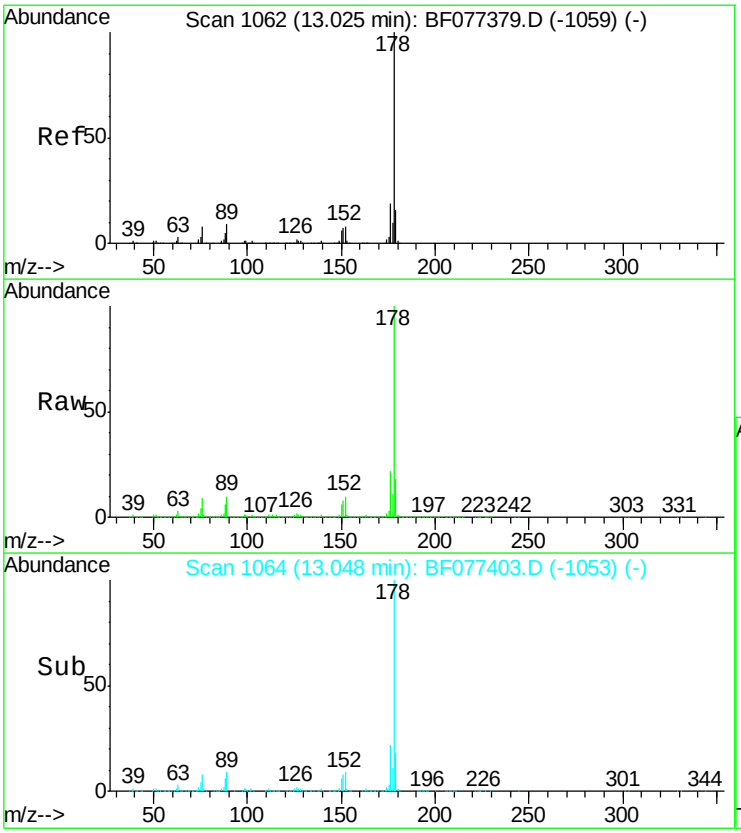
#70
Phenanthrene
Concen: 651.83 ng
RT: 13.00 min Scan# 1060
Delta R.T. 0.03 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:178 Resp:11193469

Ion	Ratio	Lower	Upper
178	100		
176	26.5	15.5	23.3#
179	21.4	12.2	18.2#

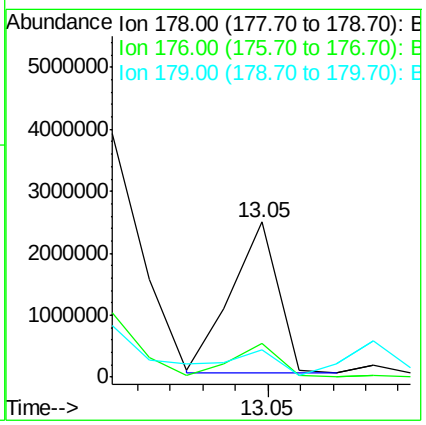


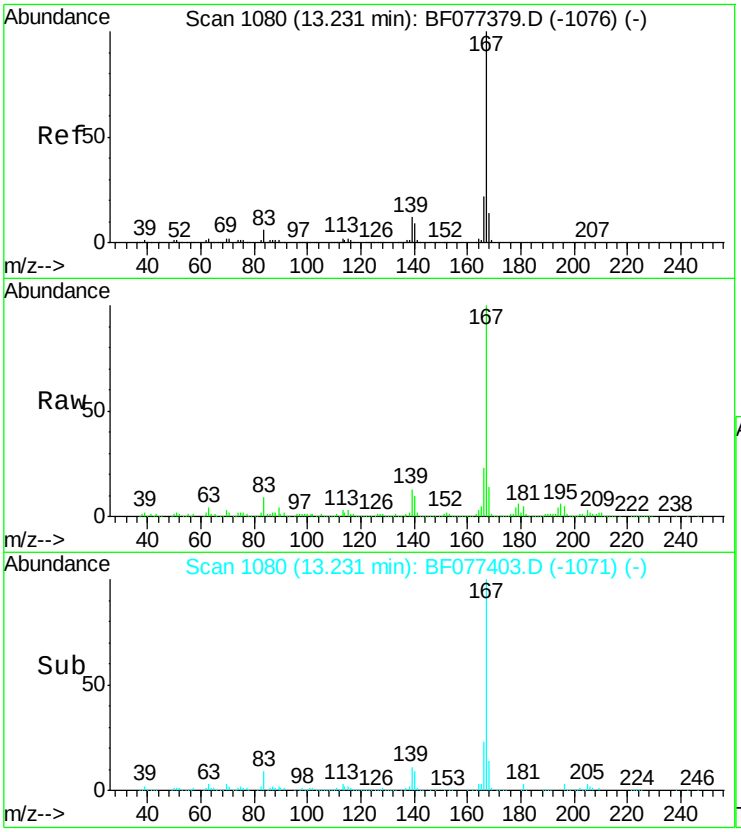


#71
Anthracene
Concen: 140.65 ng
RT: 13.05 min Scan# 1064
Delta R.T. 0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:178 Resp: 2396839

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.4	23.0
179	17.9	12.9	19.3



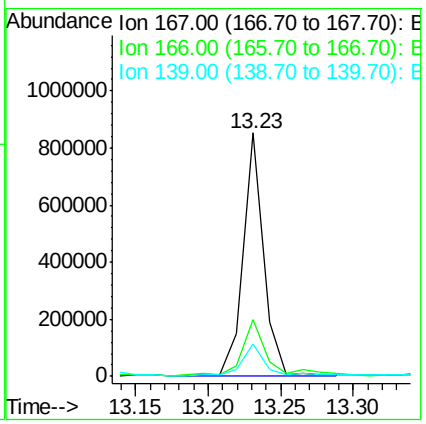


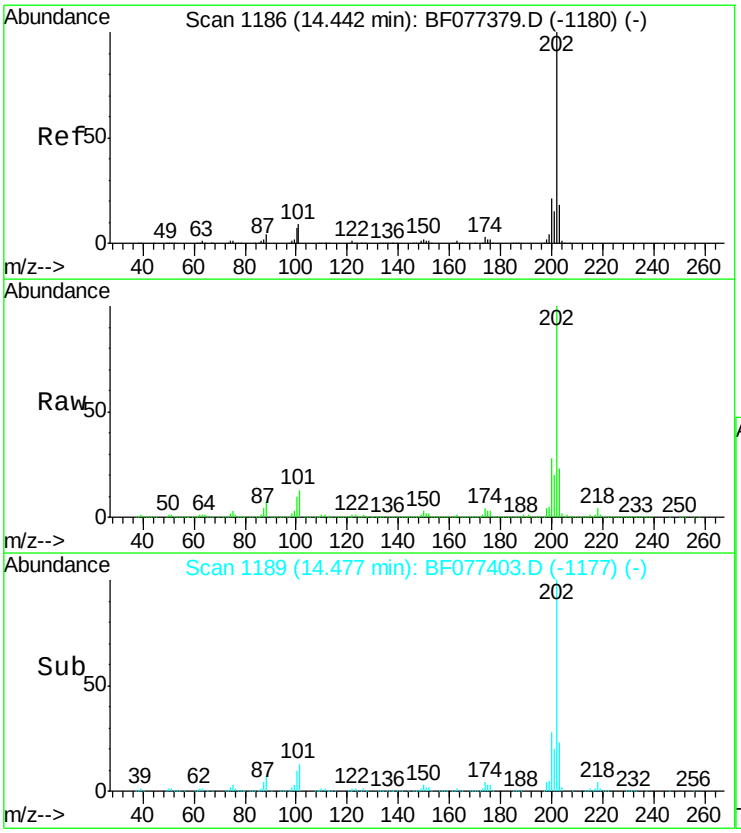
#72
Carbazole
Concen: 50.98 ng
RT: 13.23 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:167 Resp: 826044

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.6	26.4
139	13.2	9.9	14.9

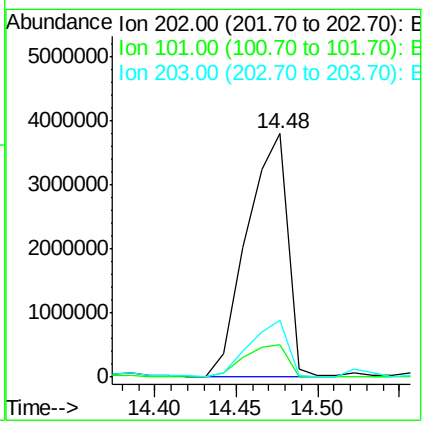


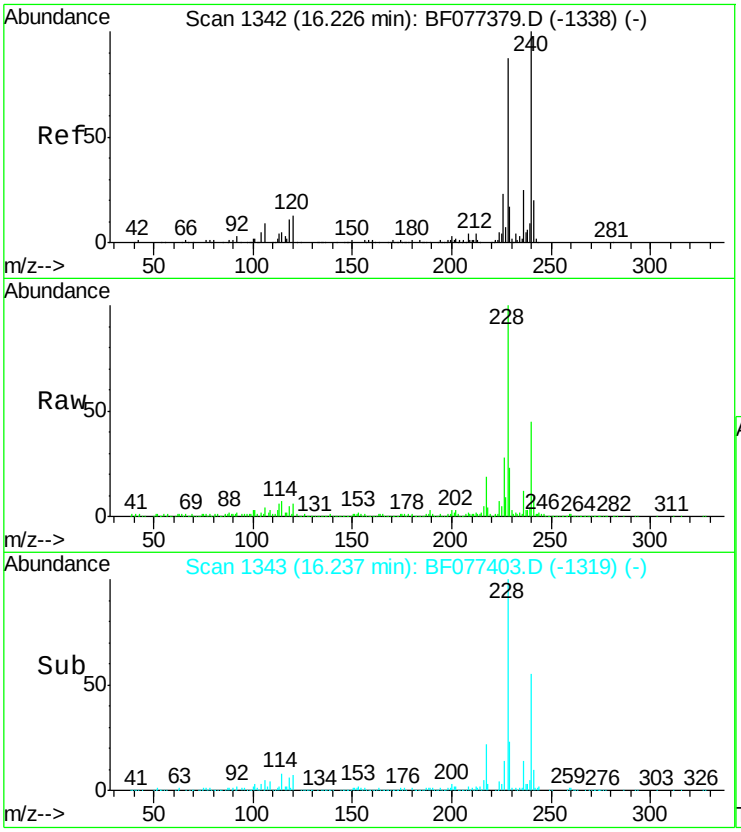


#74
Fluoranthene
Concen: 346.85 ng
RT: 14.48 min Scan# 1189
Delta R.T. 0.03 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:202 Resp: 6506294

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.8
203	23.2	0.0	37.7



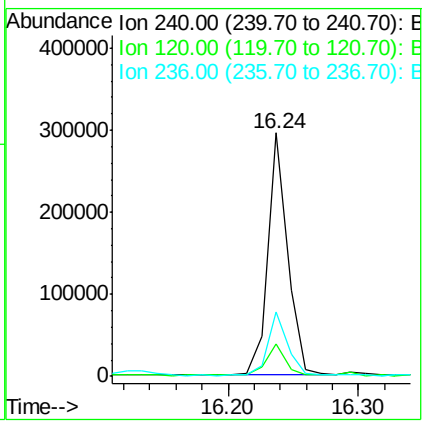


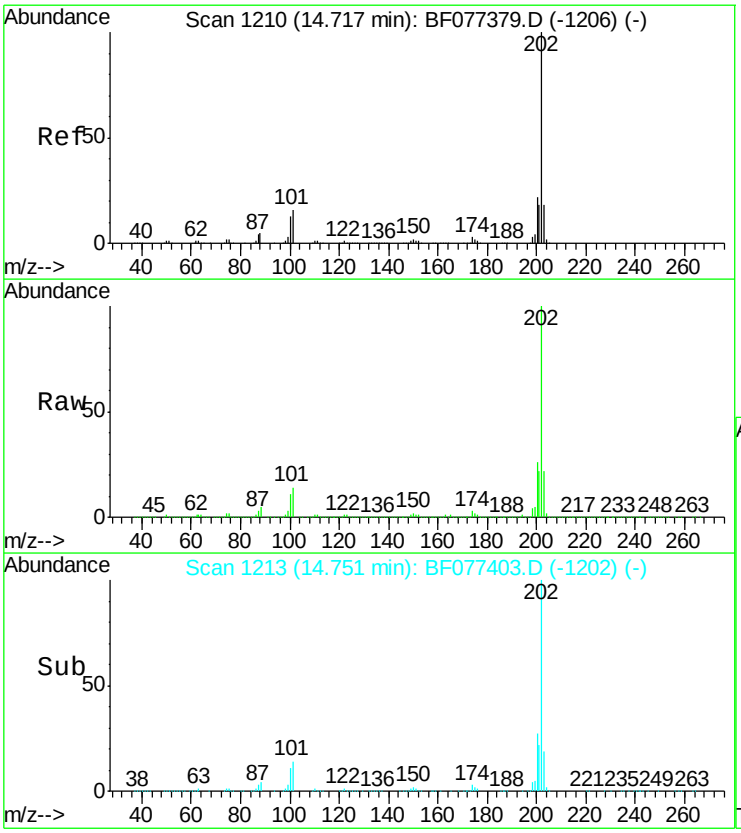
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:240 Resp: 316667

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.8	13.2#
236	26.3	20.7	31.1

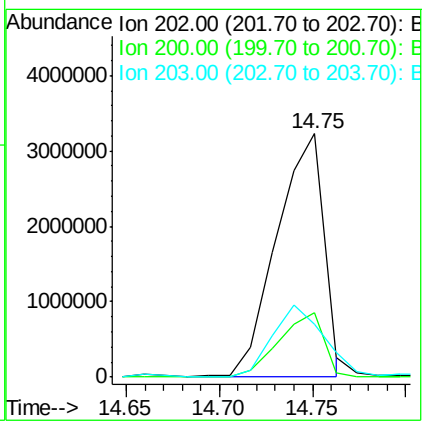


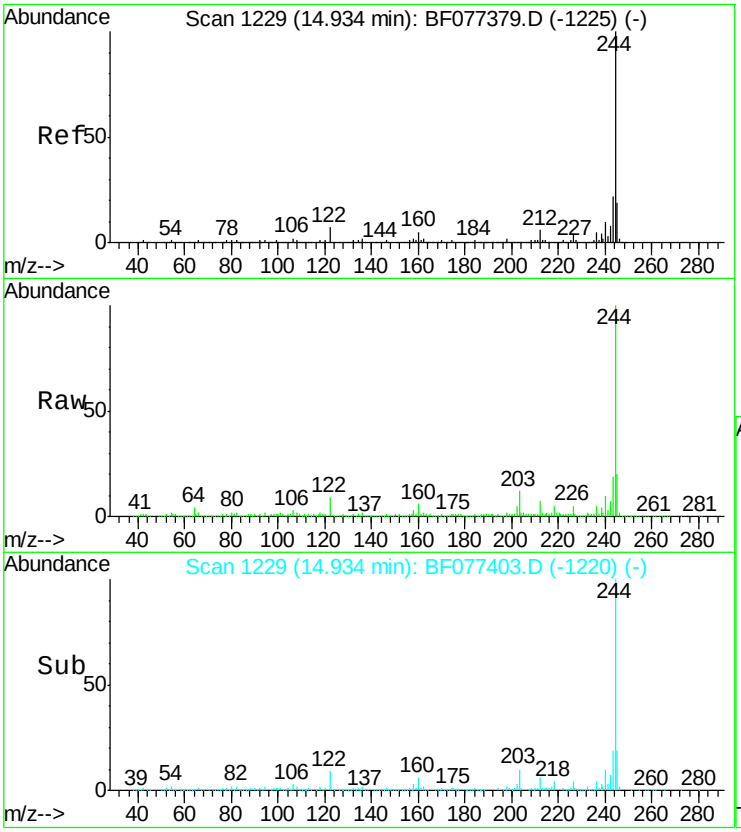


#77
Pyrene
Concen: 291.75 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:202 Resp: 5651394

Ion	Ratio	Lower	Upper
202	100		
200	26.5	17.1	25.7#
203	21.8	14.2	21.2#



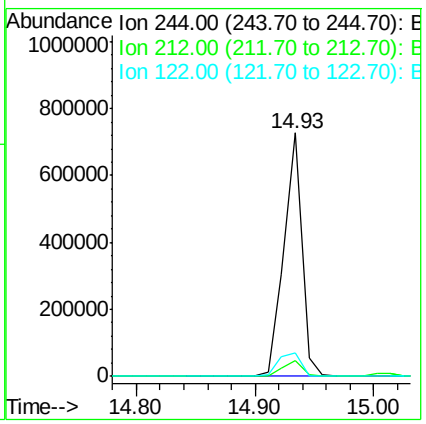


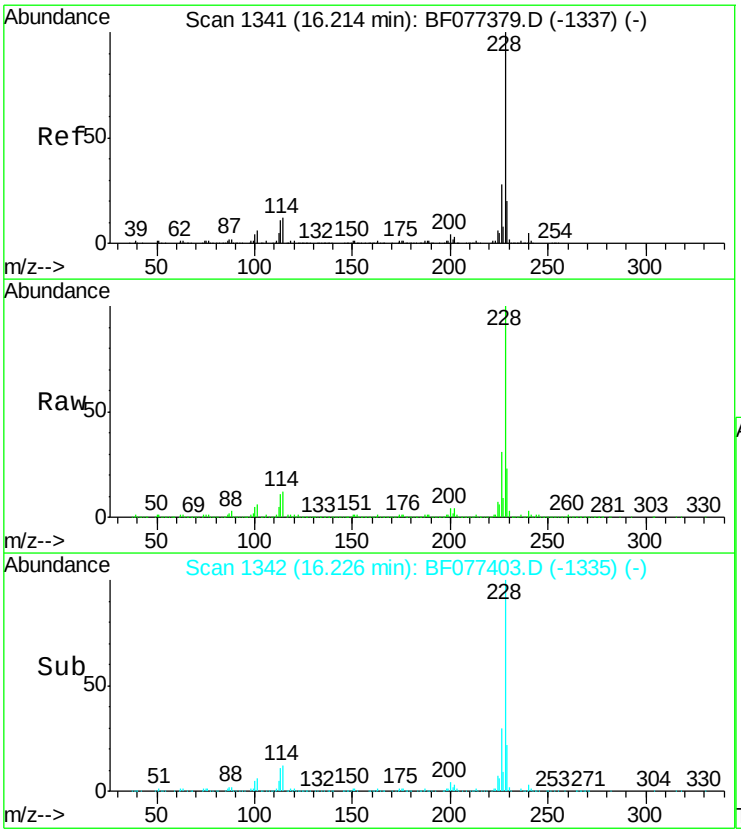
#78
Terphenyl-d14
Concen: 56.53 ng
RT: 14.93 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:244 Resp: 765707

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	9.4	7.8	11.8

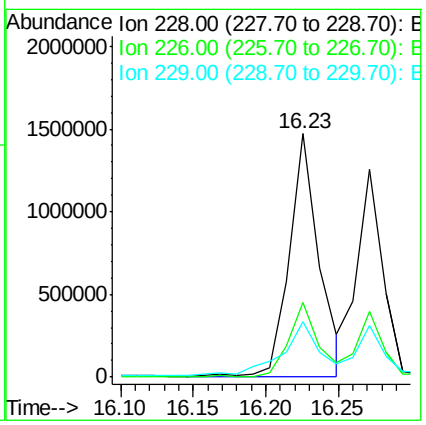


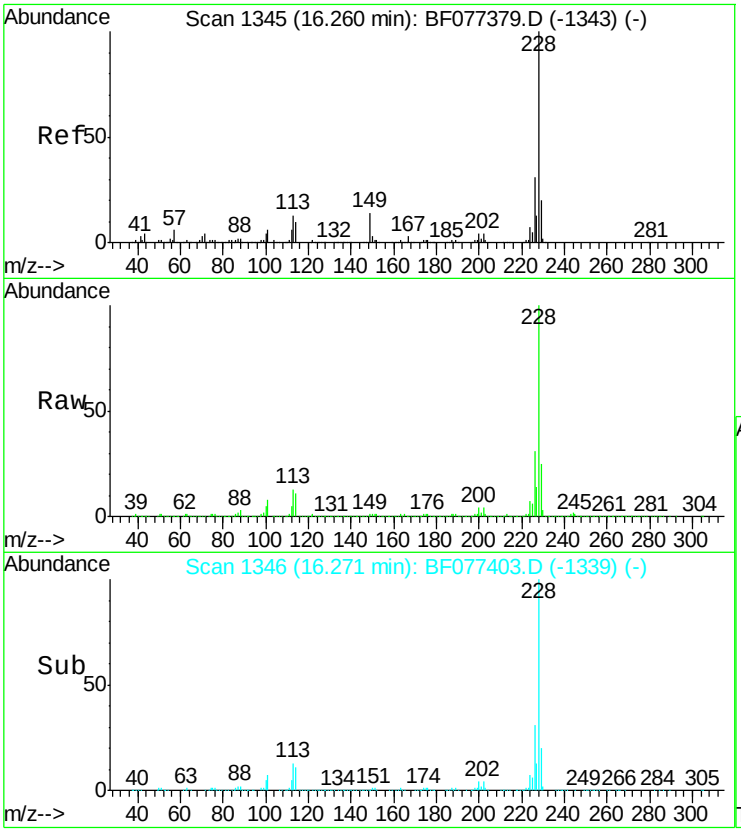


#80
Benzo(a)anthracene
Concen: 112.04 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:228 Resp: 2079377

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.0	33.0
229	22.8	15.8	23.8



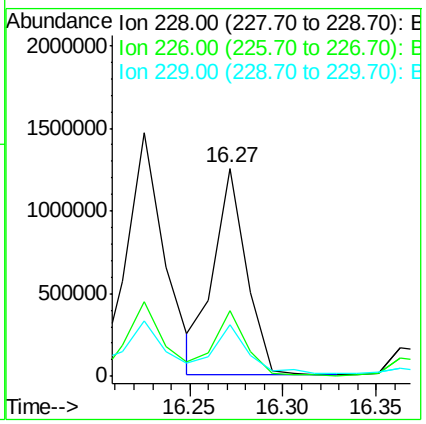


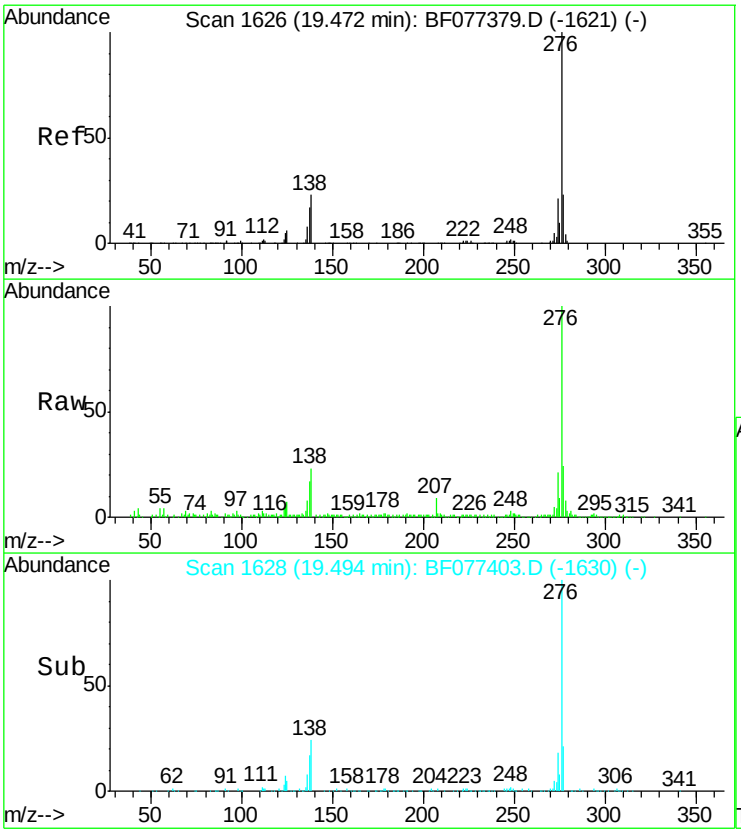
#82
Chrysene
Concen: 87.60 ng
RT: 16.27 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:228 Resp: 1526538

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	24.6	16.4	24.6

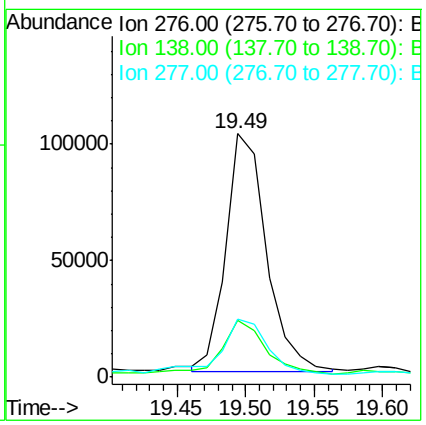


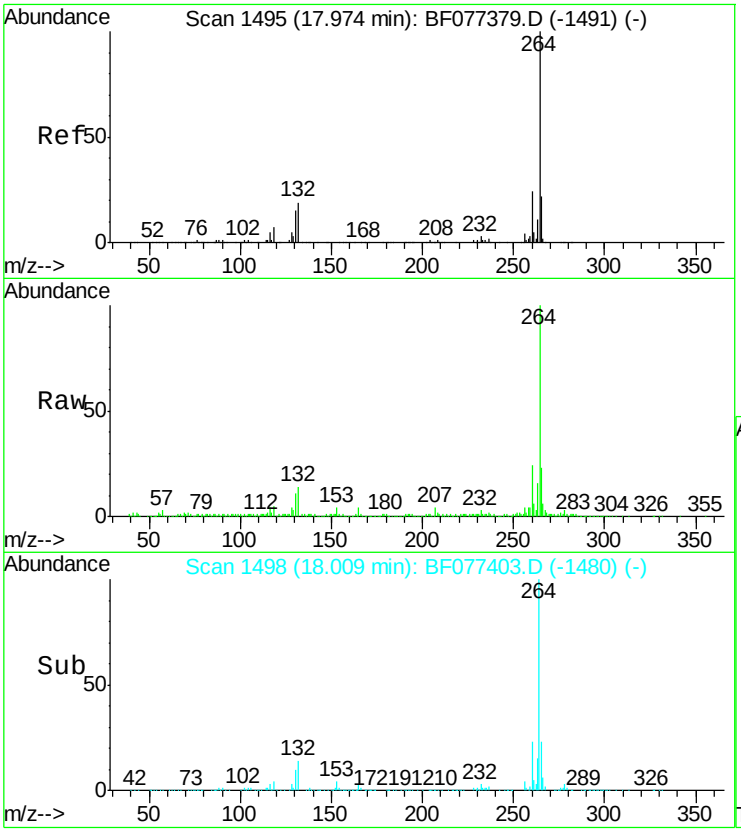


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.61 ng m
RT: 19.49 min Scan# 1628
Delta R.T. -0.13 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:276 Resp: 210842

Ion	Ratio	Lower	Upper
276	100		
138	2.1	21.2	31.8#
277	1.4	20.0	30.0#



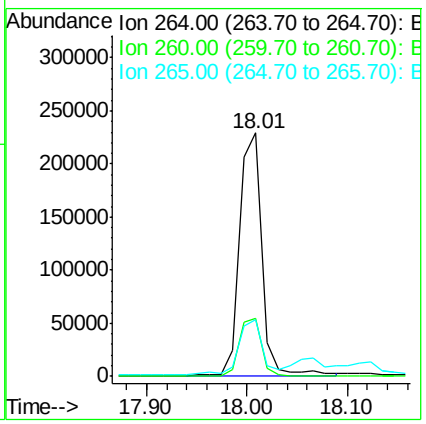


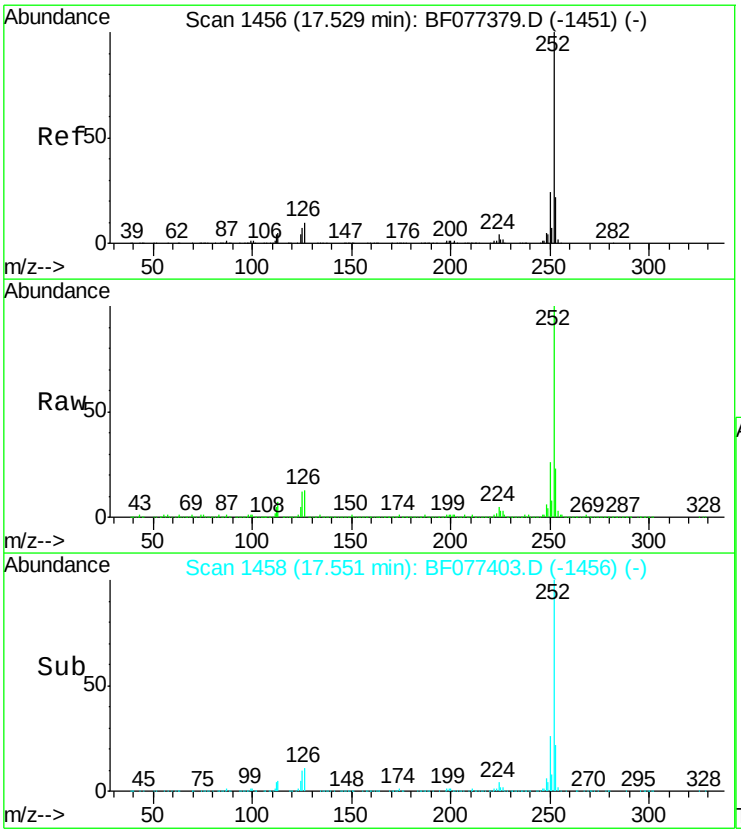
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1498
Delta R.T. -0.09 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:264 Resp: 352797

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	23.3	16.8	25.2

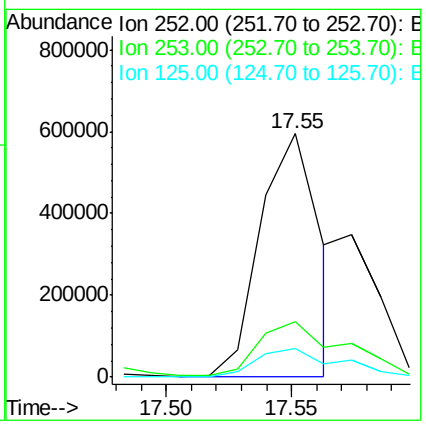


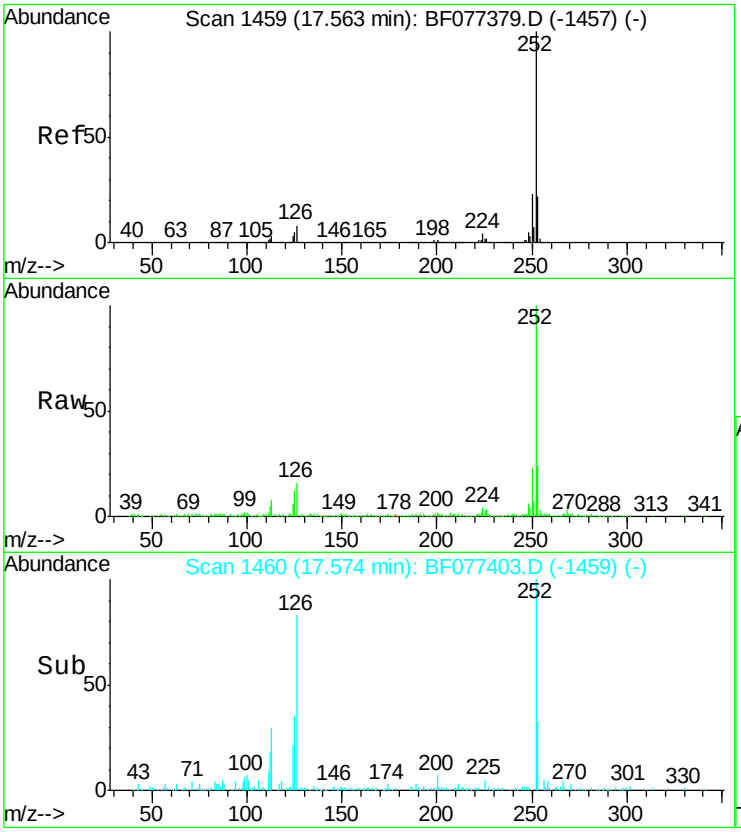


#87
Benzo(b)fluoranthene
Concen: 48.01 ng m
RT: 17.55 min Scan# 1458
Delta R.T. -0.08 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:252 Resp: 984868

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.6	5.4	8.2#



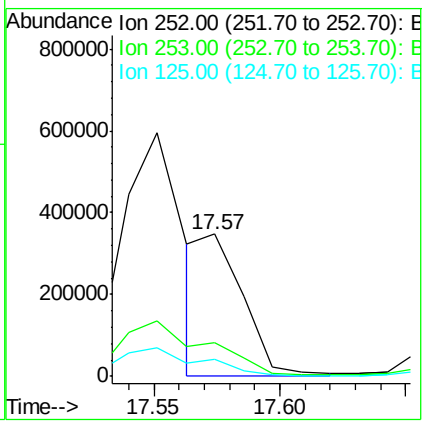


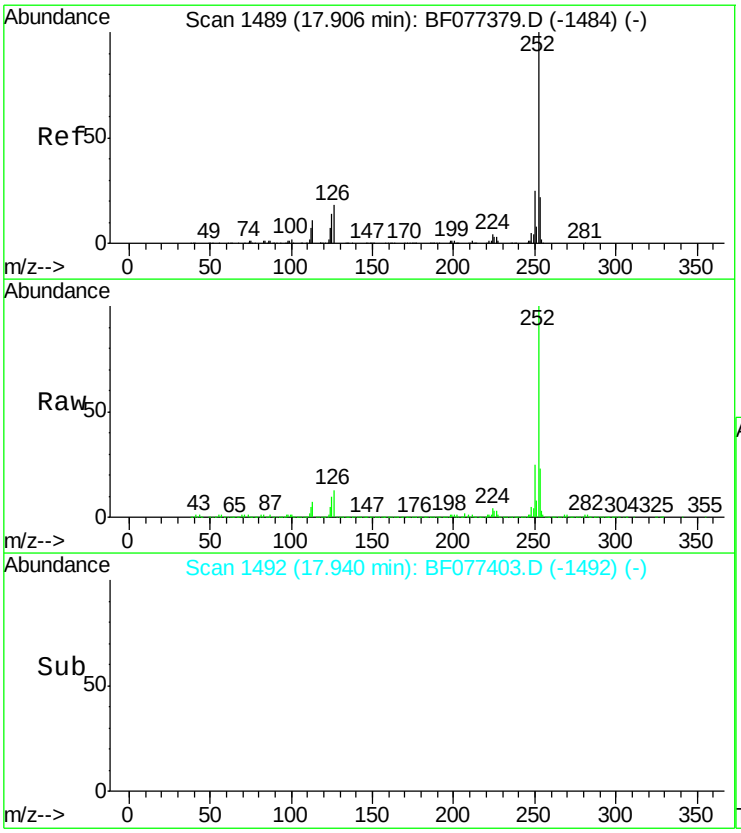
#88
Benzo(k)fluoranthene
Concen: 19.89 ng m
RT: 17.57 min Scan# 1460
Delta R.T. -0.09 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:252 Resp: 399922

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.8	10.1	15.1

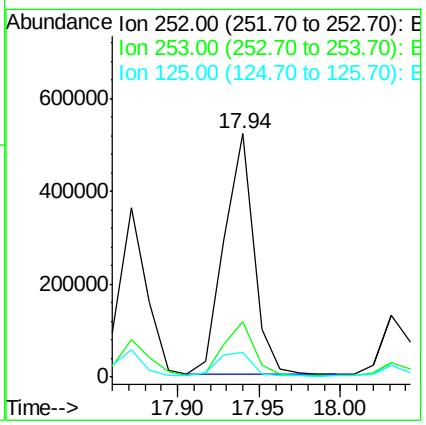


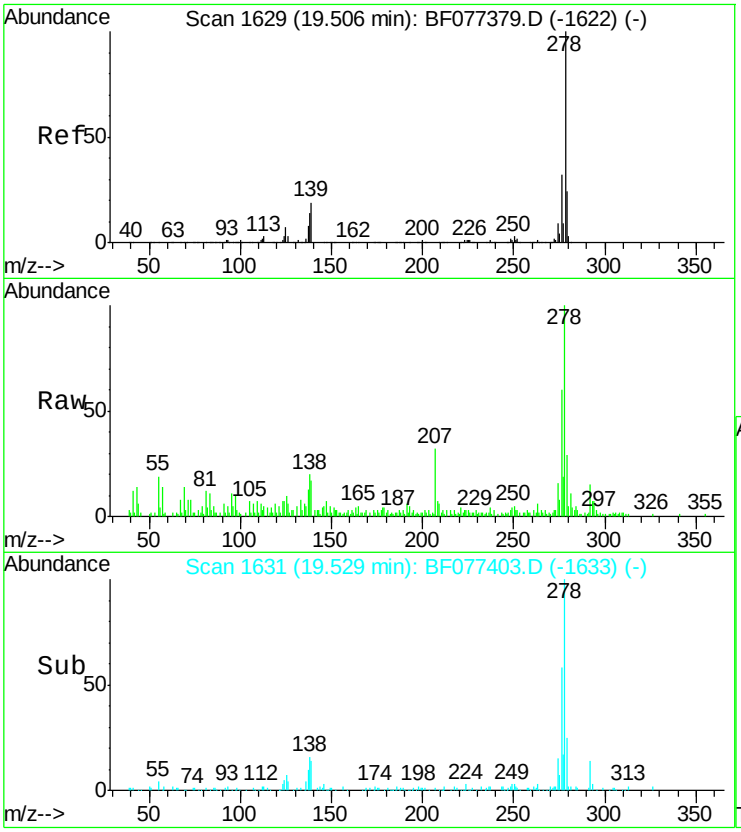


#89
Benzo(a)pyrene
Concen: 33.22 ng
RT: 17.94 min Scan# 1492
Delta R.T. -0.10 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:252 Resp: 649100

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.1	8.3	12.5



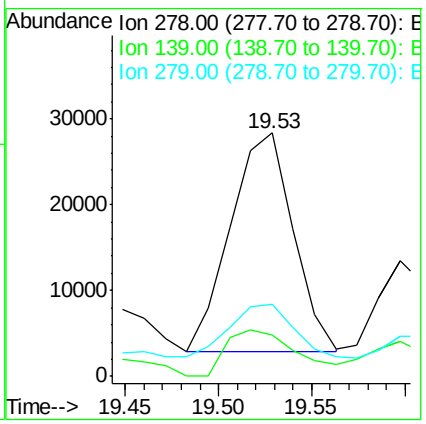


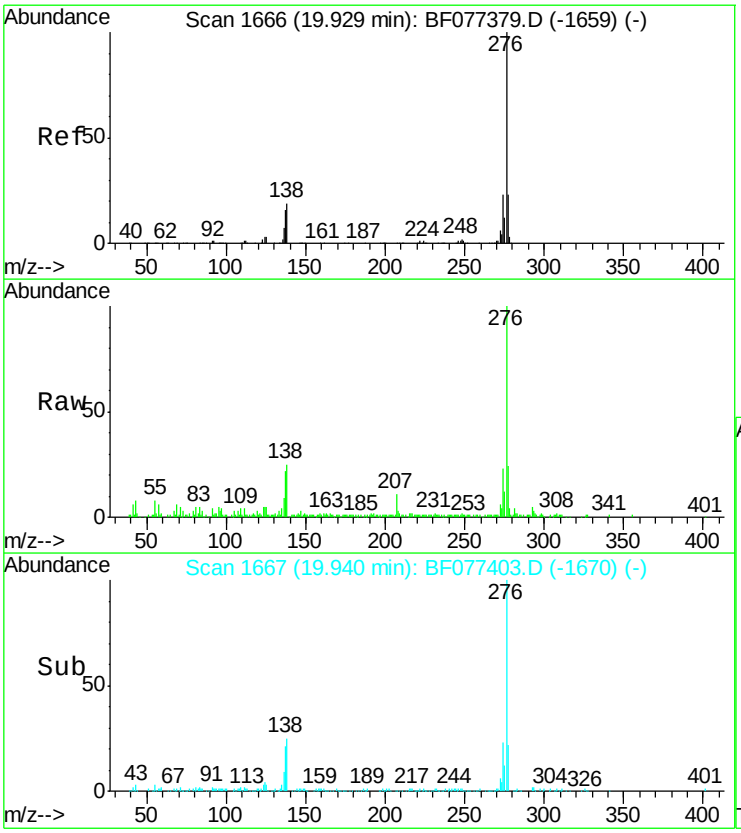
#90
Dibenzo(a,h)anthracene
Concen: 3.21 ng
RT: 19.53 min Scan# 1631
Delta R.T. -0.13 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Instrument :
BNA_F
ClientSampleId :
HF-3

Tgt Ion:278 Resp: 59790

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.3	21.5
279	29.4	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 9.59 ng
RT: 19.94 min Scan# 1667
Delta R.T. -0.14 min
Lab File: BF077403.D
Acq: 23 Feb 2015 14:16

Tgt Ion:276 Resp: 180327

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.2	20.5	30.7