Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077606.D
Acq On : 5 Mar 2015 5:27
Operator : TP/IZ
Sample : G1424-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB16

Quant Time: Mar 05 06:07:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	68813	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	283835	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	137665	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	264549	20.00	ng		0.00
75) Chrysene-d12	16.10	240	296419	20.00	ng		0.00
86) Perylene-d12	17.83	264	282807	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	421941	102.36	ng		0.00
7) Phenol-d6	6.79	99	504210	95.14	ng		0.00
23) Nitrobenzene-d5	7.91	82	325588	71.33	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	134756	101.66	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	602473	68.24	ng		0.00
78) Terphenyl-d14	14.81	244	635205	50.10	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	10.65	163	47799	4.94	ng		98
70) Phenanthrene	12.84	178	131674	8.59	ng		98
71) Anthracene	12.90	178	32693	2.15	ng		97
74) Fluoranthene	14.32	202	218002	13.02	ng		99
77) Pyrene	14.60	202	213271	11.76	ng		99
80) Benzo(a)anthracene	16.09	228	179738	10.35	ng		99
82) Chrysene	16.13	228	136510	8.37	ng		96
85) Indeno(1,2,3-cd)pyrene	19.26	276	247649	13.31	ng		95
87) Benzo(b)fluoranthene	17.40	252	428034	26.03	ng	#	93
88) Benzo(k)fluoranthene	17.40	252	428034	26.56	ng		98
89) Benzo(a)pyrene	17.77	252	259426	16.56	ng		99
90) Dibenzo(a,h)anthracene	19.28	278	51276	3.43	ng	#	91
91) Benzo(g,h,i)perylene	19.68	276	294774	19.55	ng		95

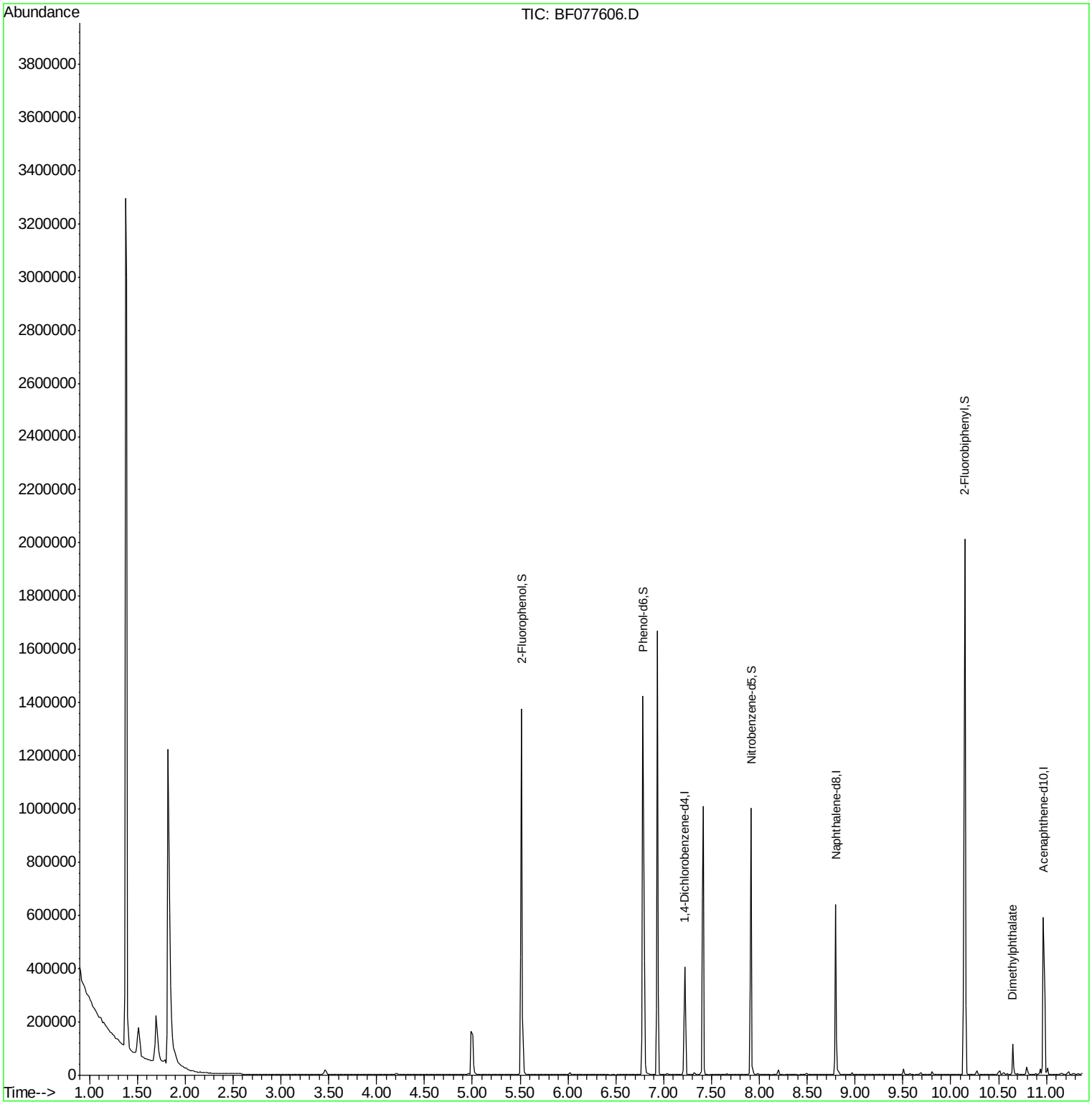
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077606.D
Acq On : 5 Mar 2015 5:27
Operator : TP/IZ
Sample : G1424-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB16

Quant Time: Mar 05 06:07:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

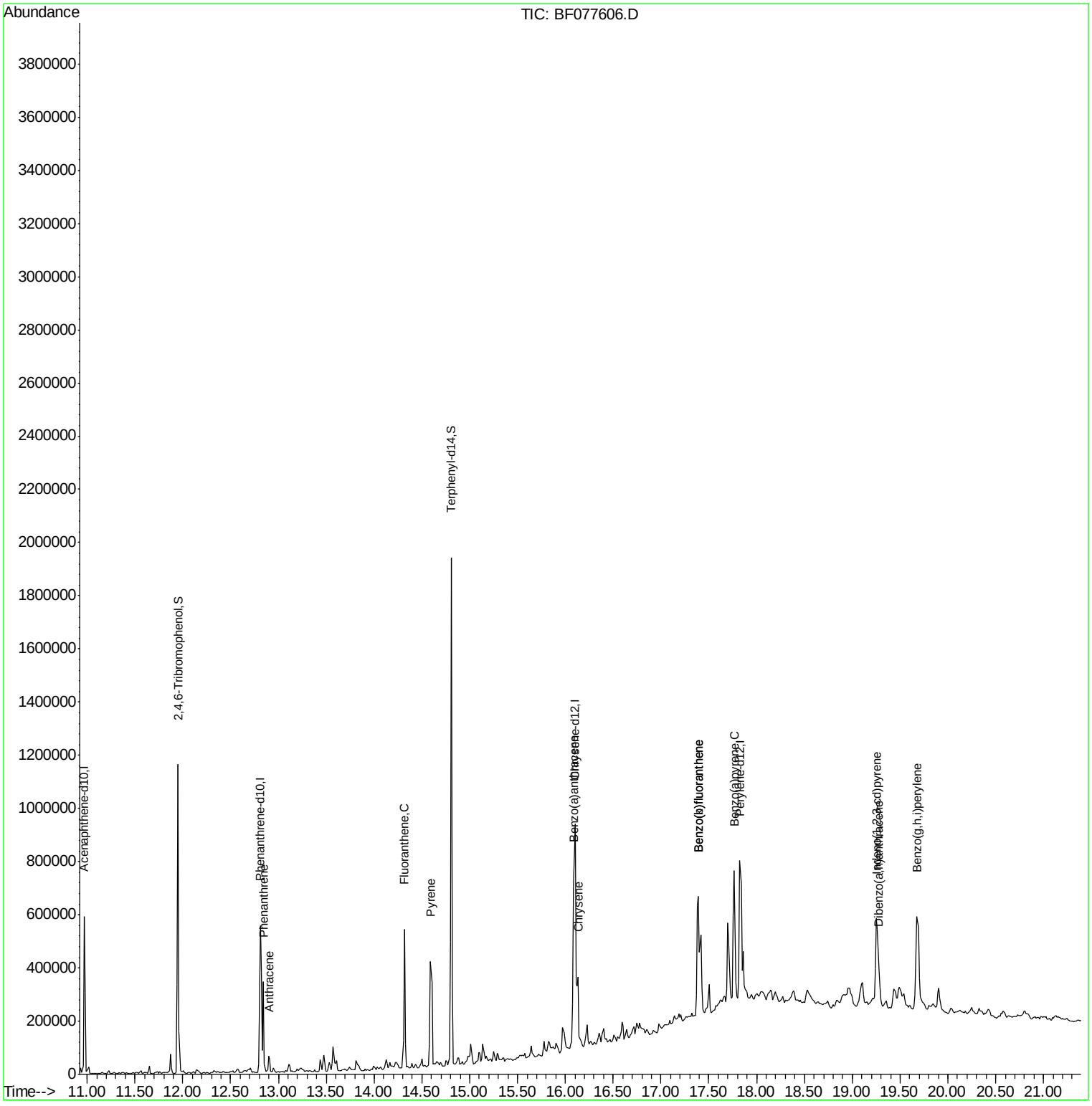


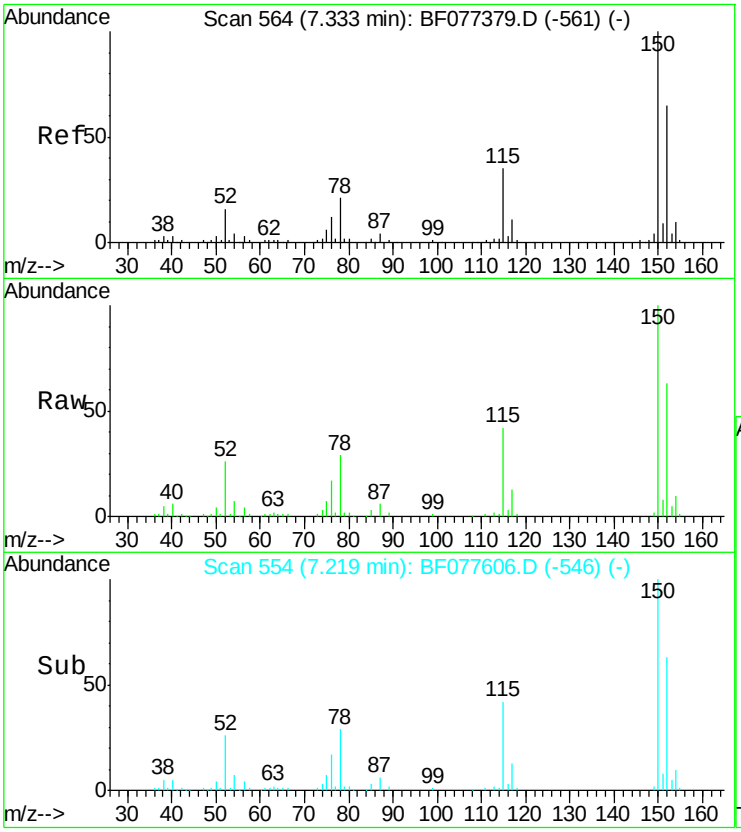
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077606.D
Acq On : 5 Mar 2015 5:27
Operator : TP/IZ
Sample : G1424-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB16

Quant Time: Mar 05 06:07:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration



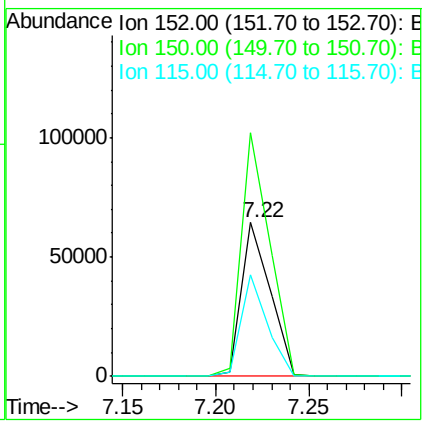


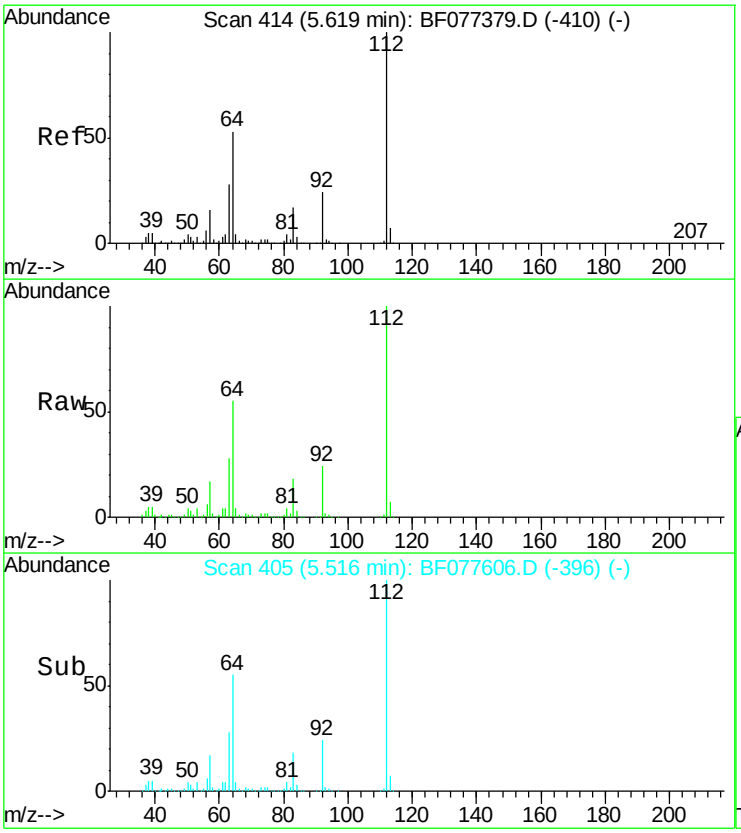
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:152 Resp: 68813

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.0	186.0
115	66.3	49.4	74.2

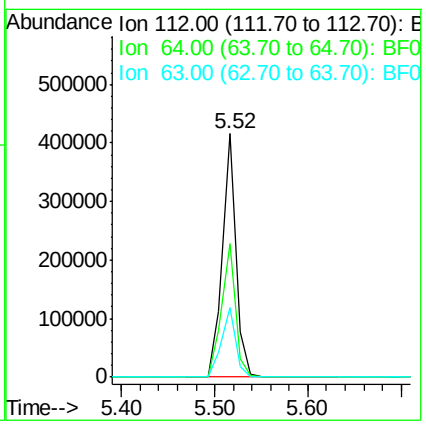


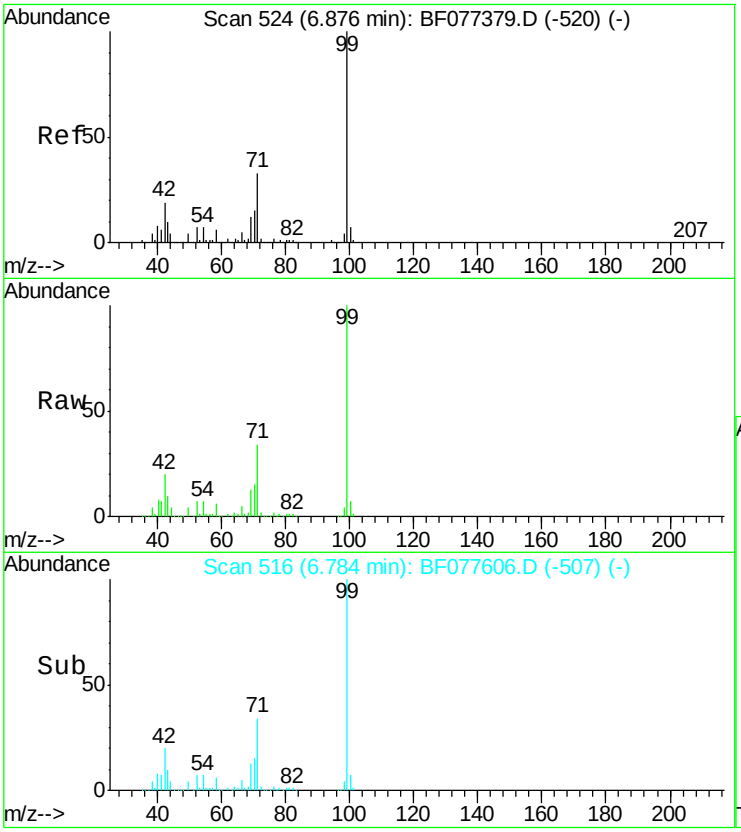


#5
2-Fluorophenol
Concen: 102.36 ng
RT: 5.52 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:112 Resp: 421941

Ion	Ratio	Lower	Upper
112	100		
64	54.8	48.5	72.7
63	28.4	25.0	37.4



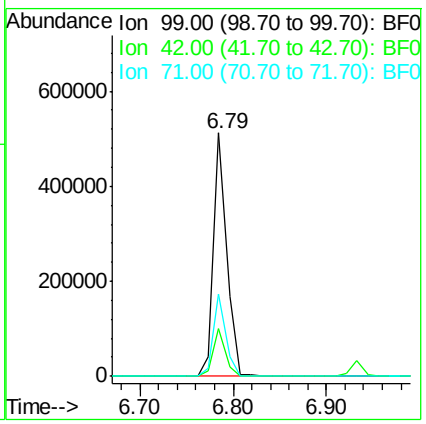


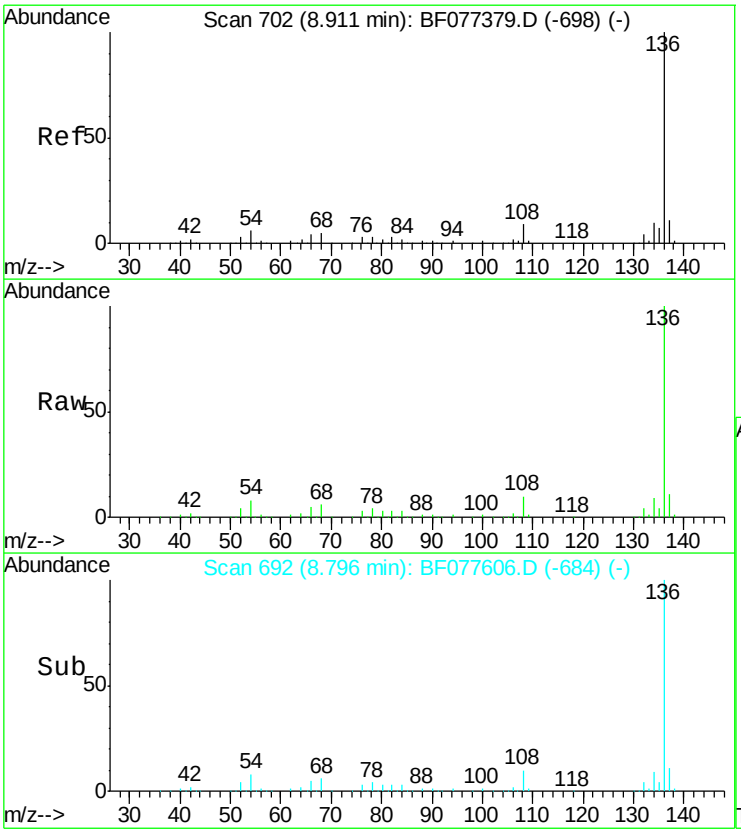
#7
Phenol-d6
Concen: 95.14 ng
RT: 6.79 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion: 99 Resp: 504210

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.2	24.4
71	33.7	26.7	40.1

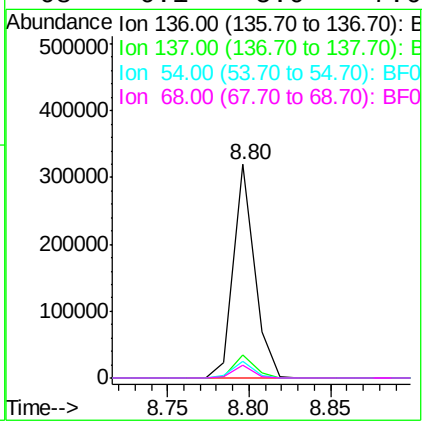


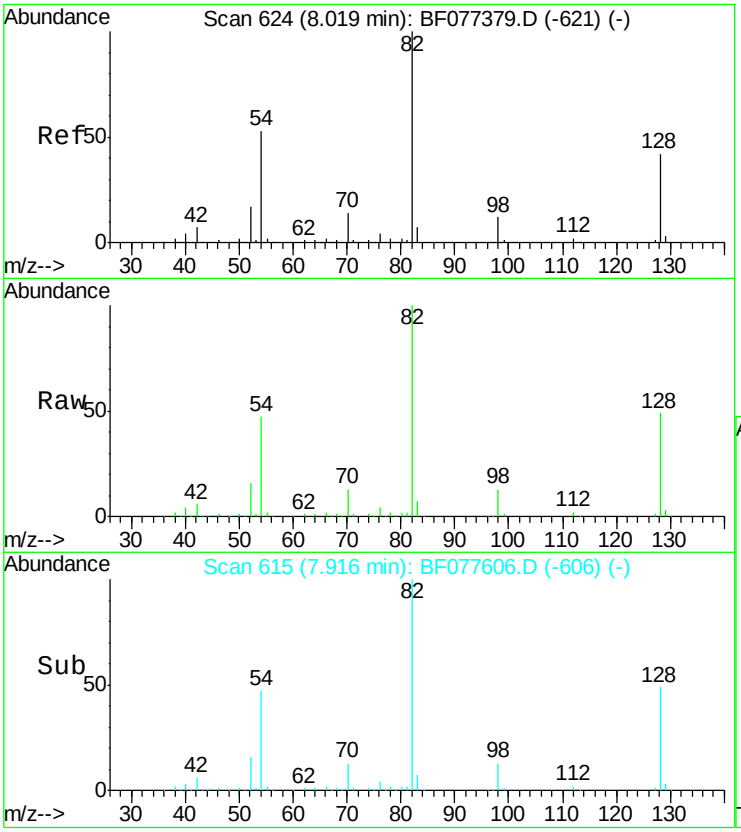


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:136 Resp: 283835

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.9	6.2	9.4
68	6.1	5.0	7.6



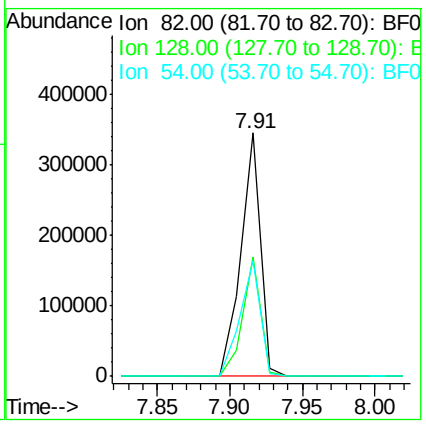


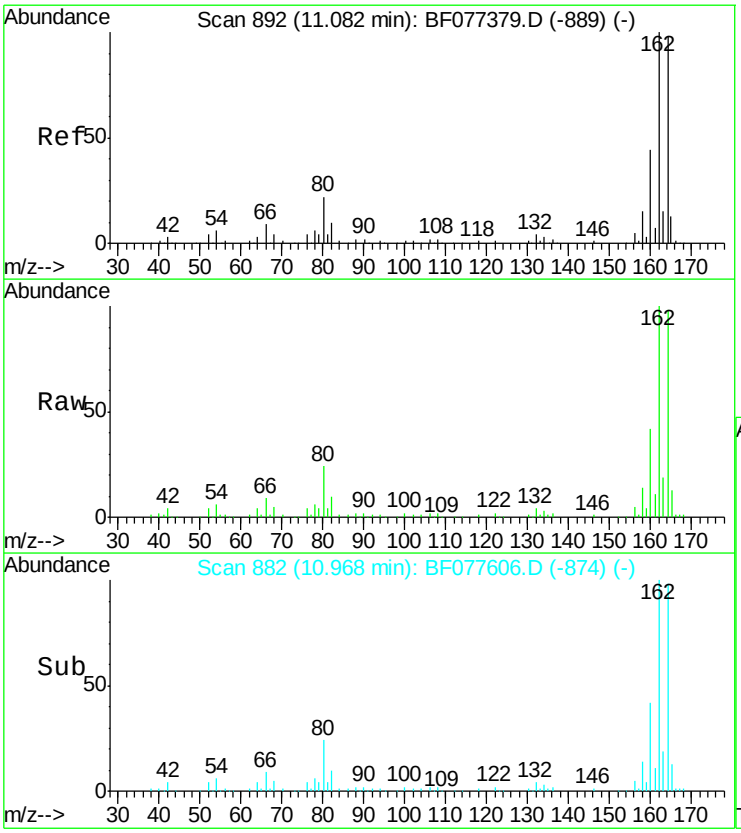
#23
Nitrobenzene-d5
Concen: 71.33 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion: 82 Resp: 325588

Ion	Ratio	Lower	Upper
82	100		
128	49.1	43.8	65.8
54	47.3	36.7	55.1

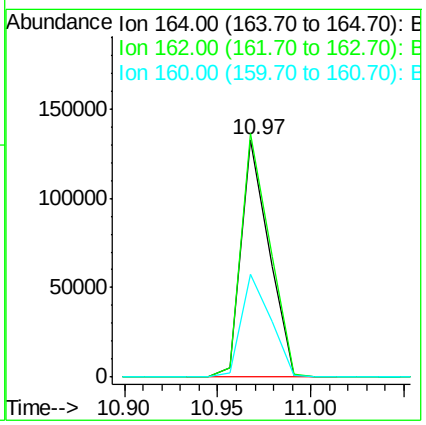


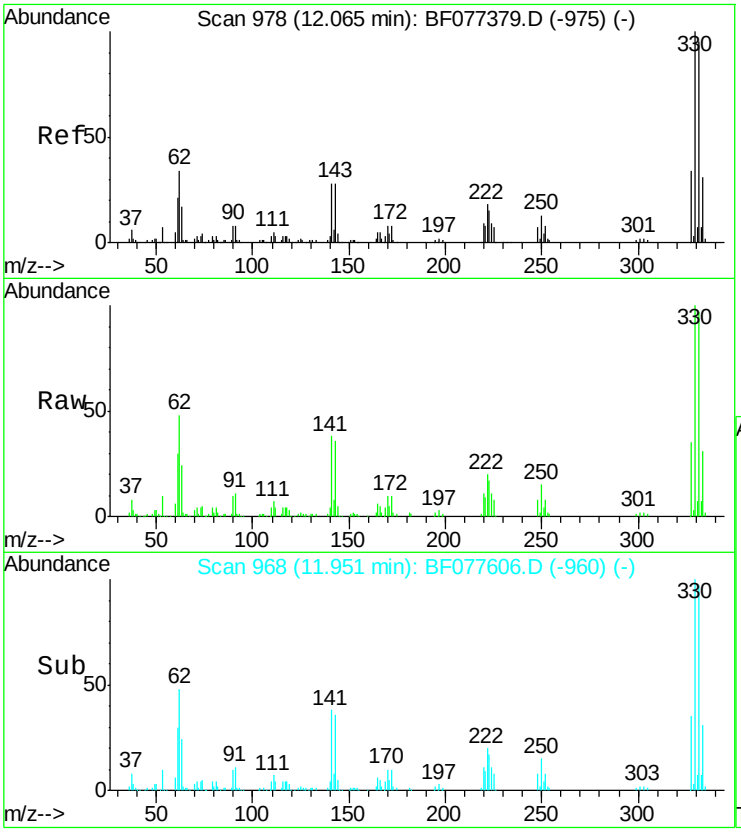


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:164 Resp: 137665

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.2	124.8
160	43.3	34.6	52.0



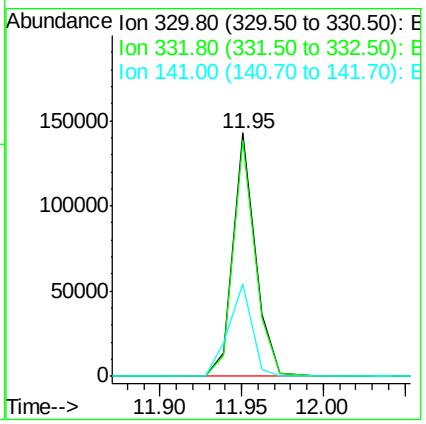


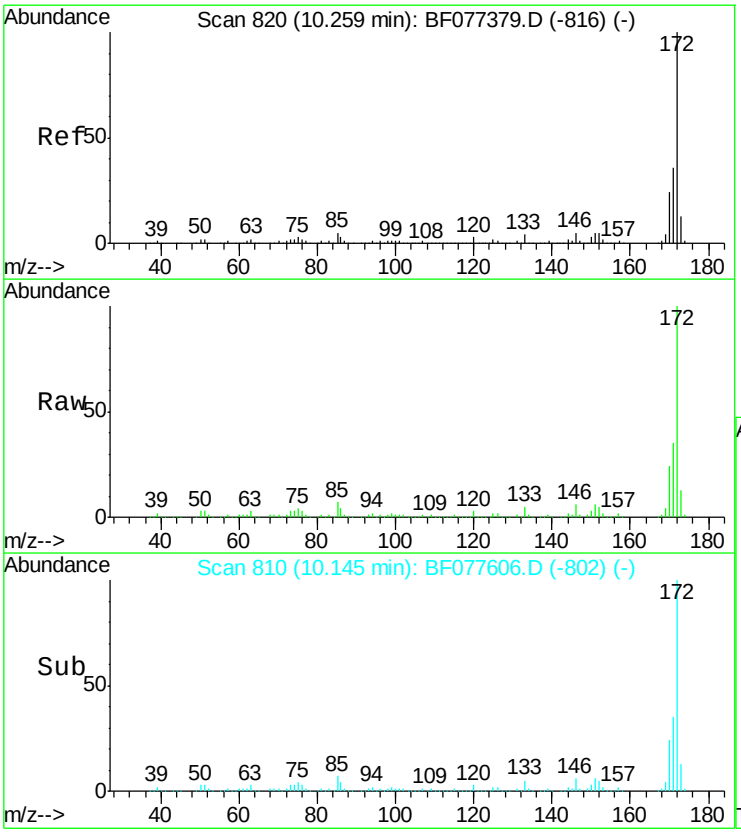
#41
2,4,6-Tribromophenol
Concen: 101.66 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:330 Resp: 134756

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	40.3	28.8	43.2

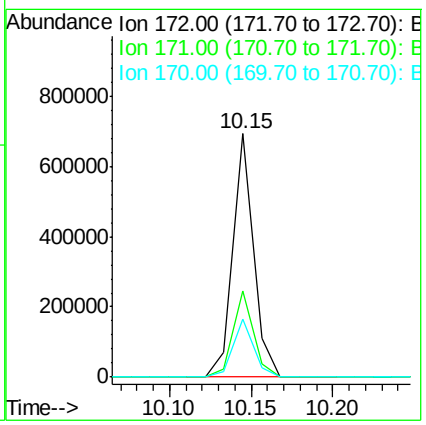


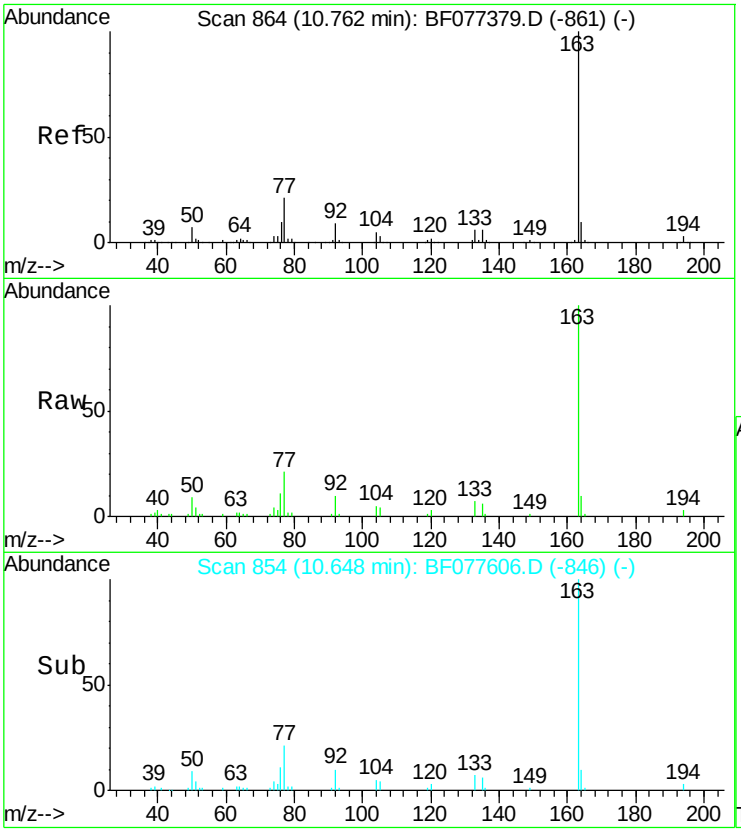


#44
2-Fluorobiphenyl
Concen: 68.24 ng
RT: 10.15 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:172 Resp: 602473

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.7	19.4	29.2



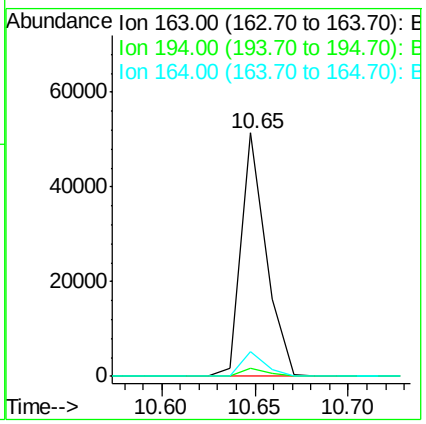


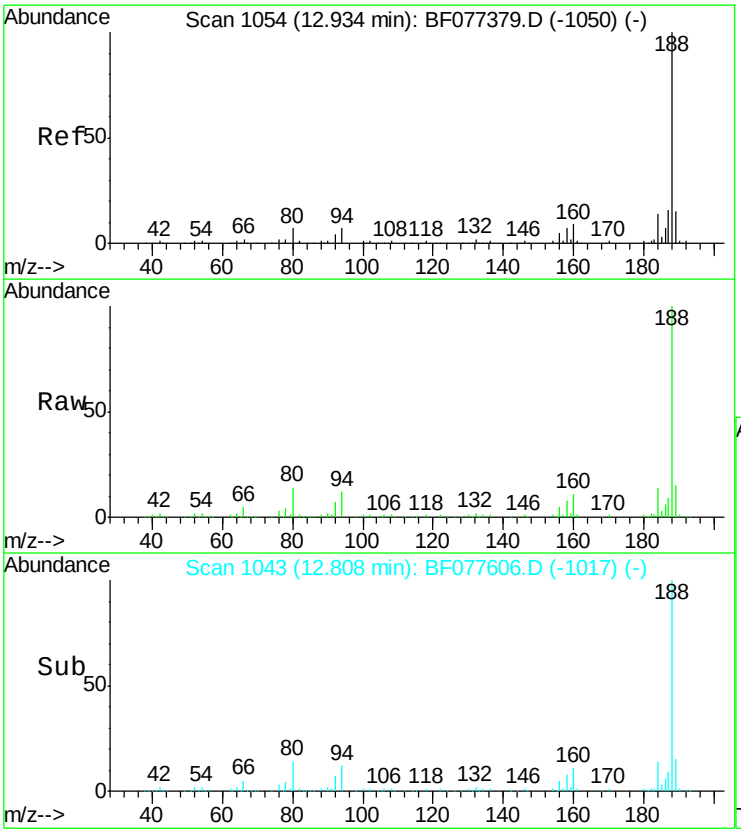
#49
Dimethylphthalate
Concen: 4.94 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:163 Resp: 47799

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.6	13.0

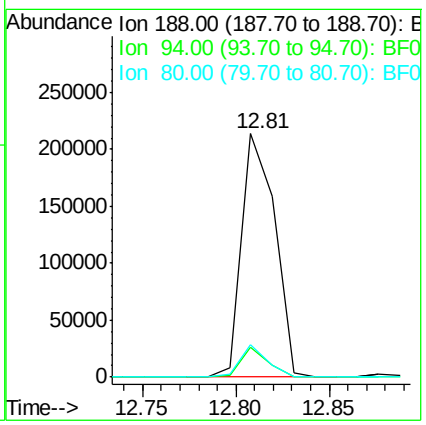


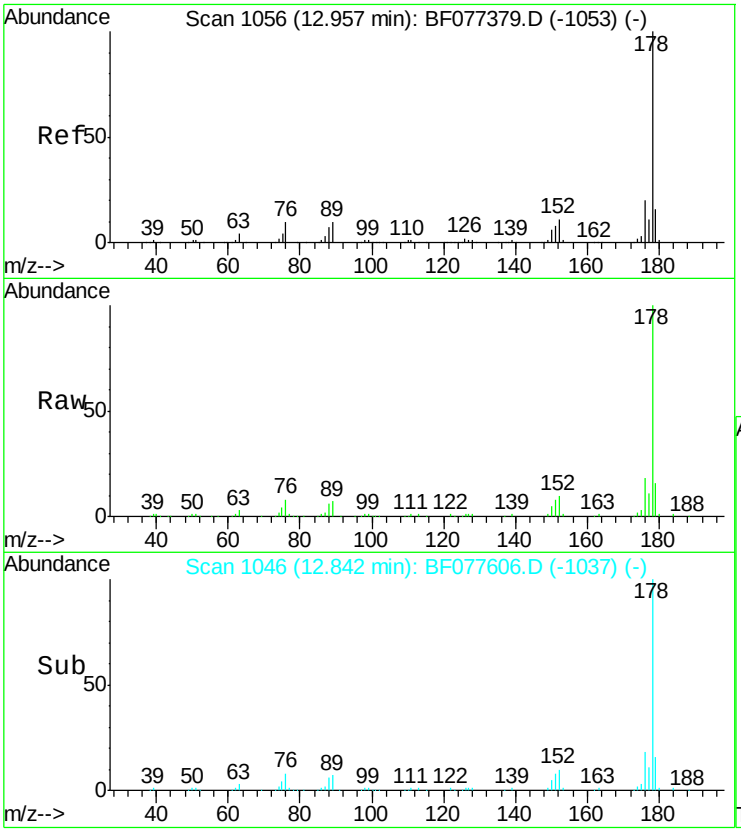


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:188 Resp: 264549

Ion	Ratio	Lower	Upper
188	100		
94	12.2	7.4	11.2#
80	13.5	8.0	12.0#



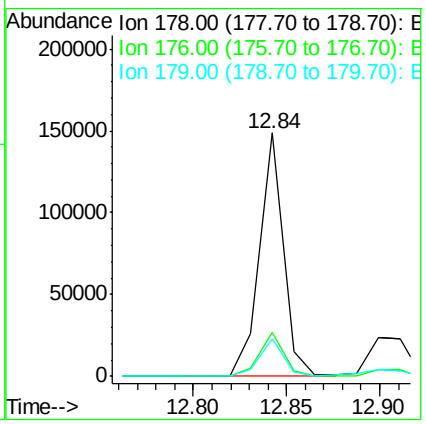


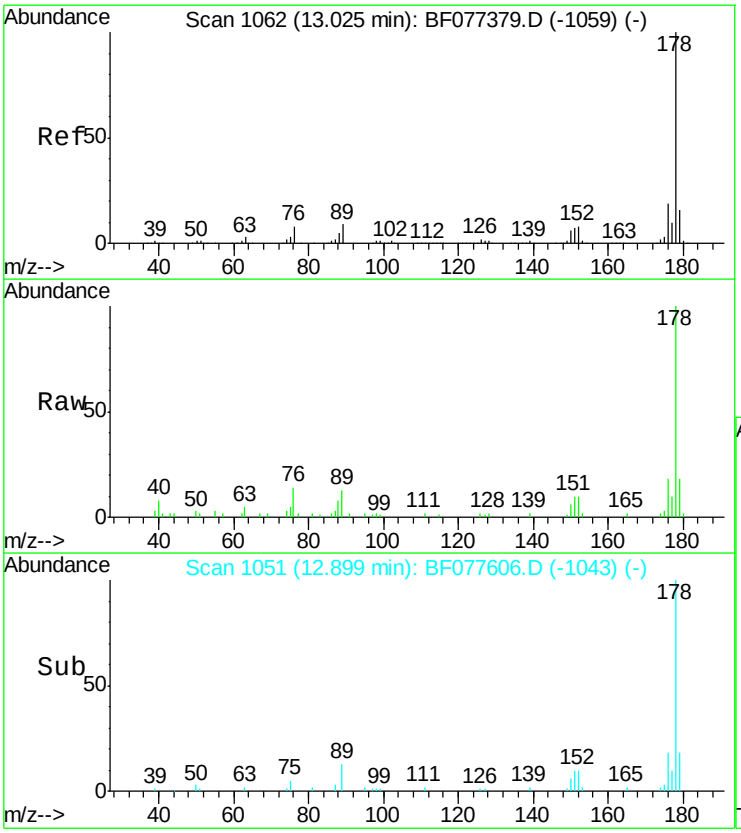
#70
Phenanthrene
Concen: 8.59 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:178 Resp: 131674

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.6	12.2	18.2

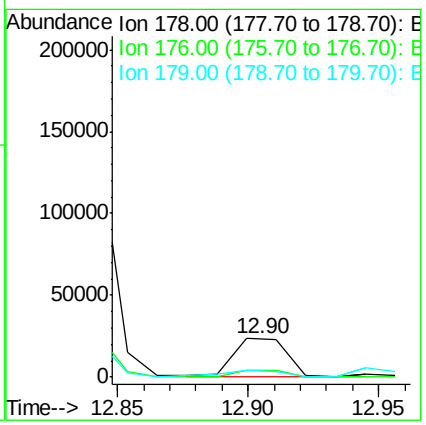


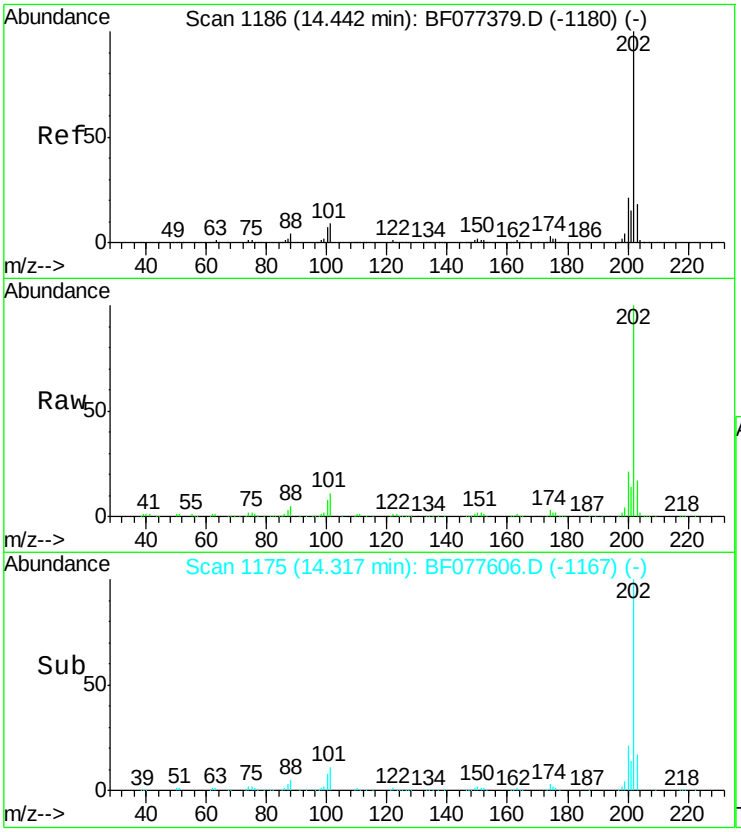


#71
Anthracene
Concen: 2.15 ng
RT: 12.90 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:178 Resp: 32693

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	18.5	12.9	19.3



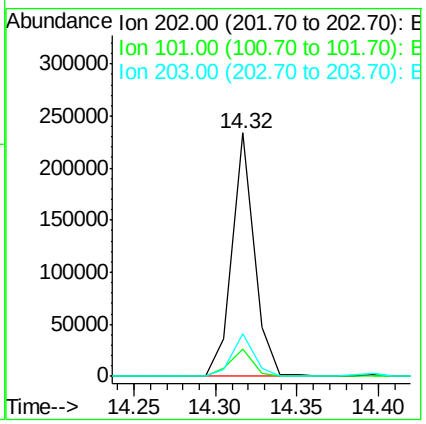


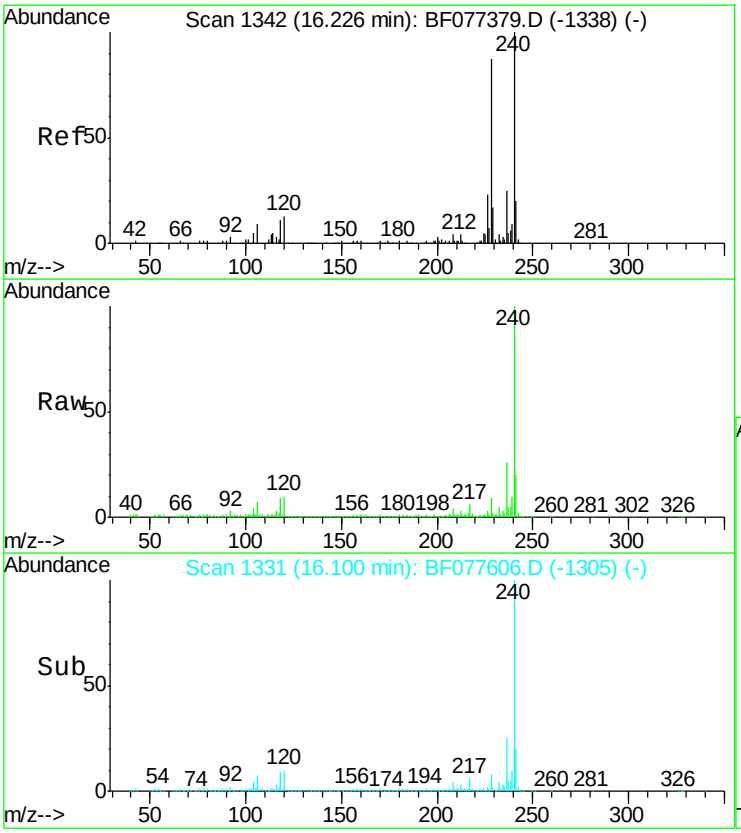
#74
Fluoranthene
Concen: 13.02 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:202 Resp: 218002

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.8
203	17.5	0.0	37.7

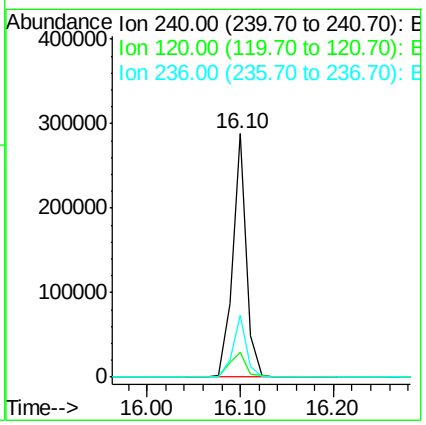


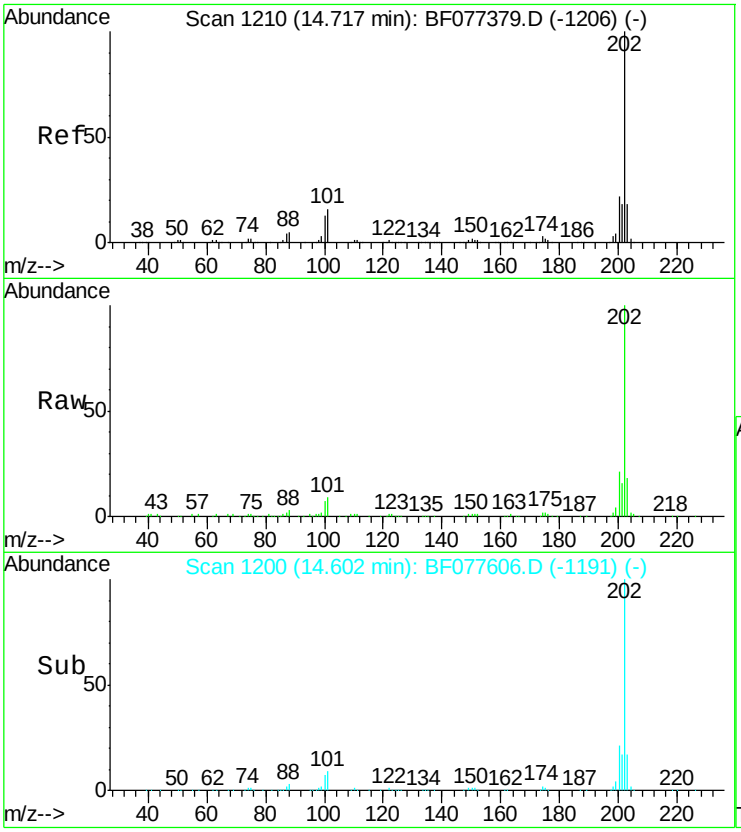


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:240 Resp: 296419

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.8	13.2
236	25.6	20.7	31.1



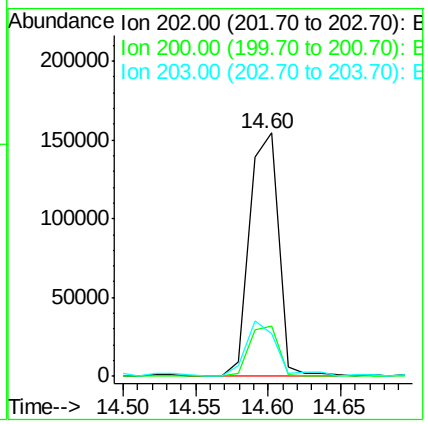


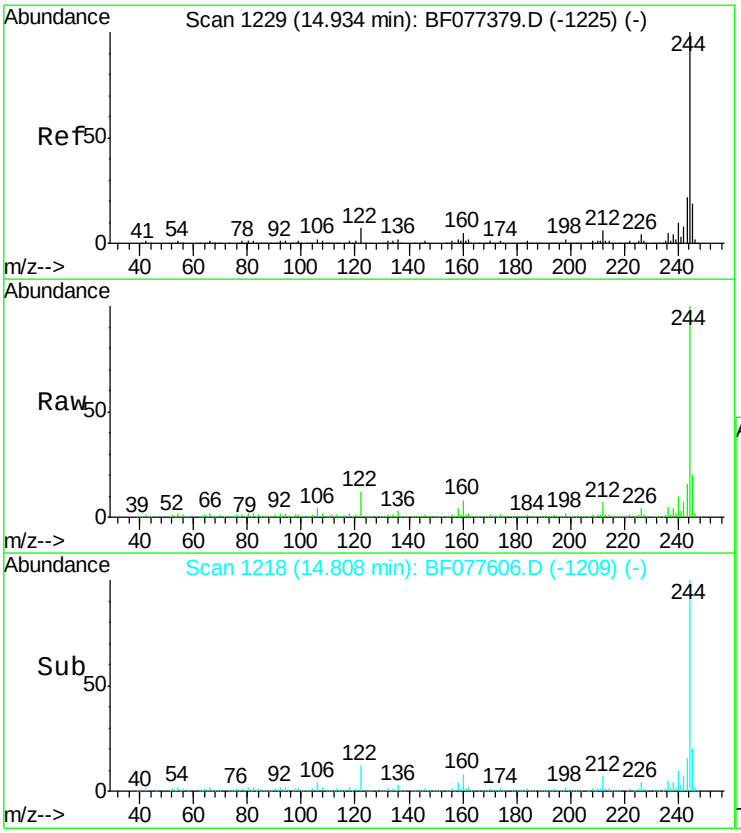
#77
Pyrene
Concen: 11.76 ng
RT: 14.60 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:202 Resp: 213271

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.1	25.7
203	17.6	14.2	21.2

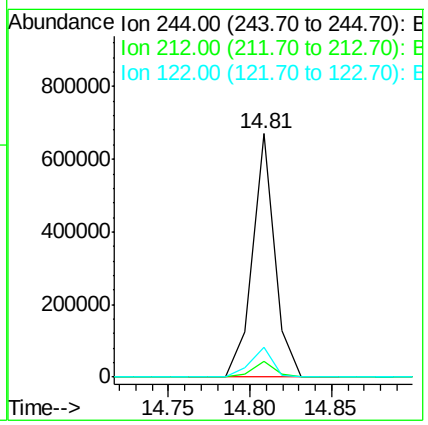


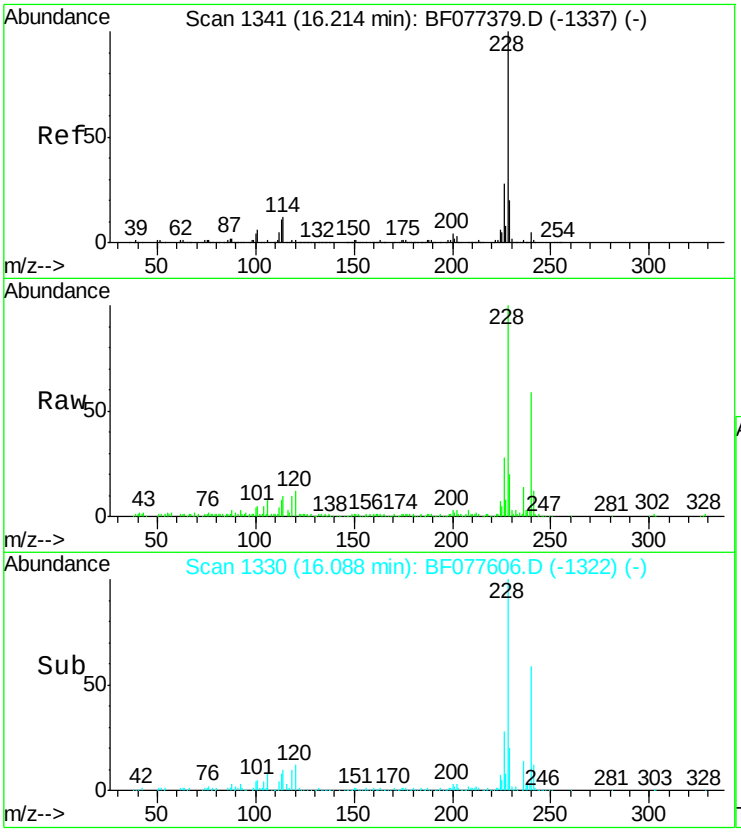


#78
Terphenyl-d14
Concen: 50.10 ng
RT: 14.81 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:244 Resp: 635205

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	12.3	7.8	11.8#



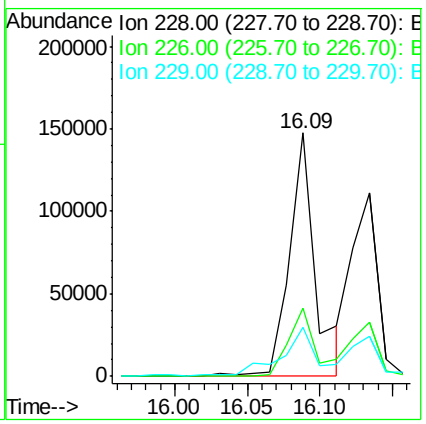


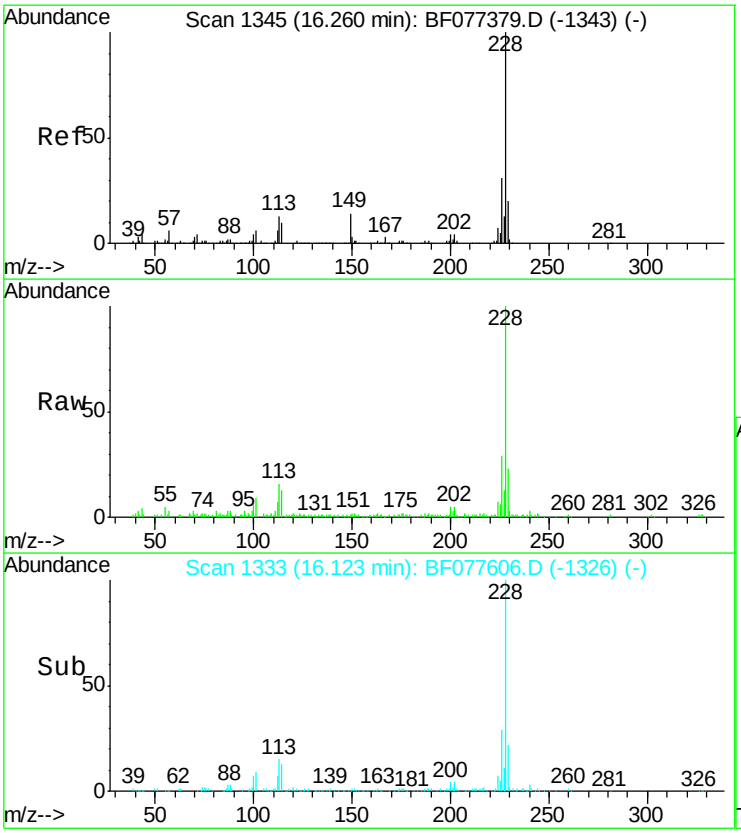
#80
Benzo(a)anthracene
Concen: 10.35 ng
RT: 16.09 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:228 Resp: 179738

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	20.0	15.8	23.8

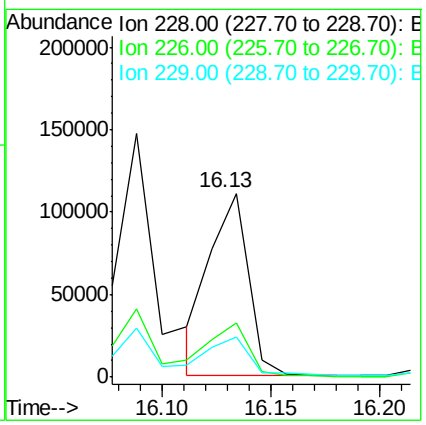


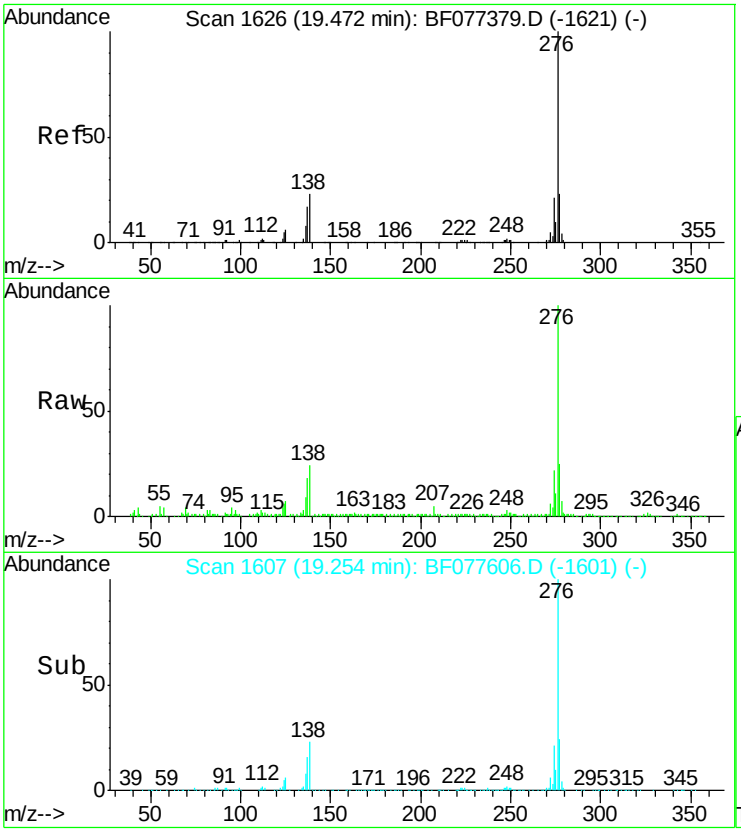


#82
Chrysene
Concen: 8.37 ng
RT: 16.13 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:228 Resp: 136510

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	23.3	16.4	24.6



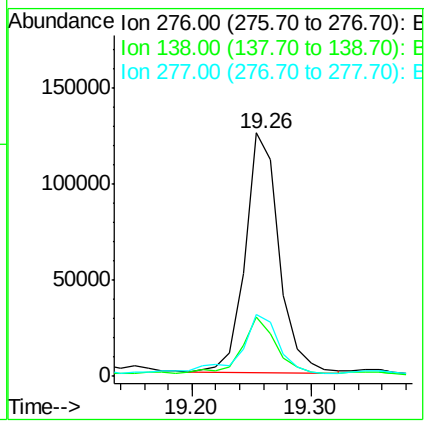


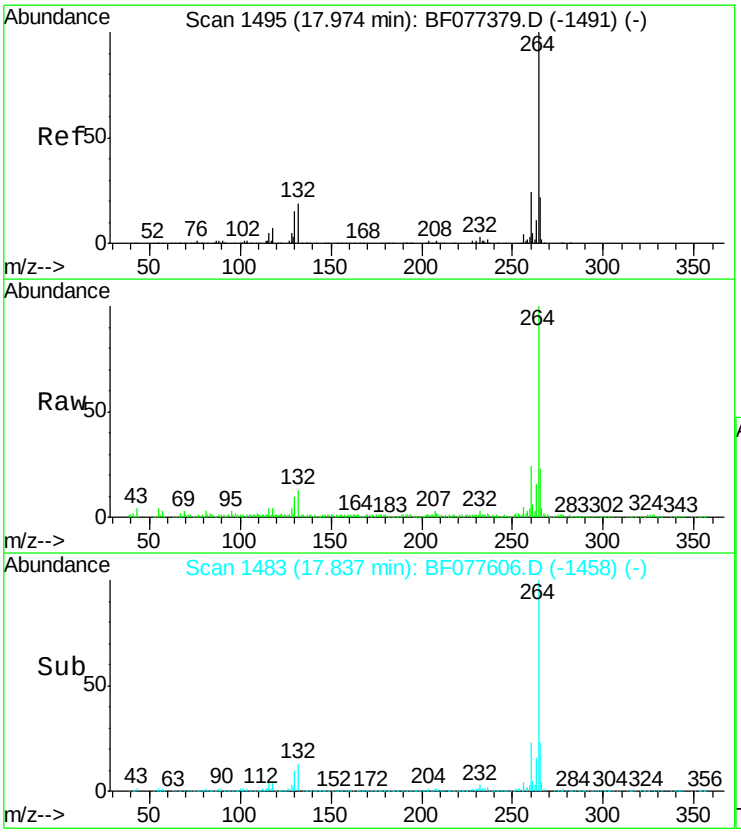
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.31 ng
RT: 19.26 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:276 Resp: 247649

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.2	31.8
277	26.7	20.0	30.0

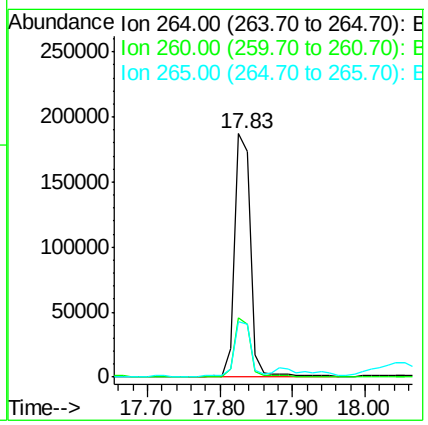


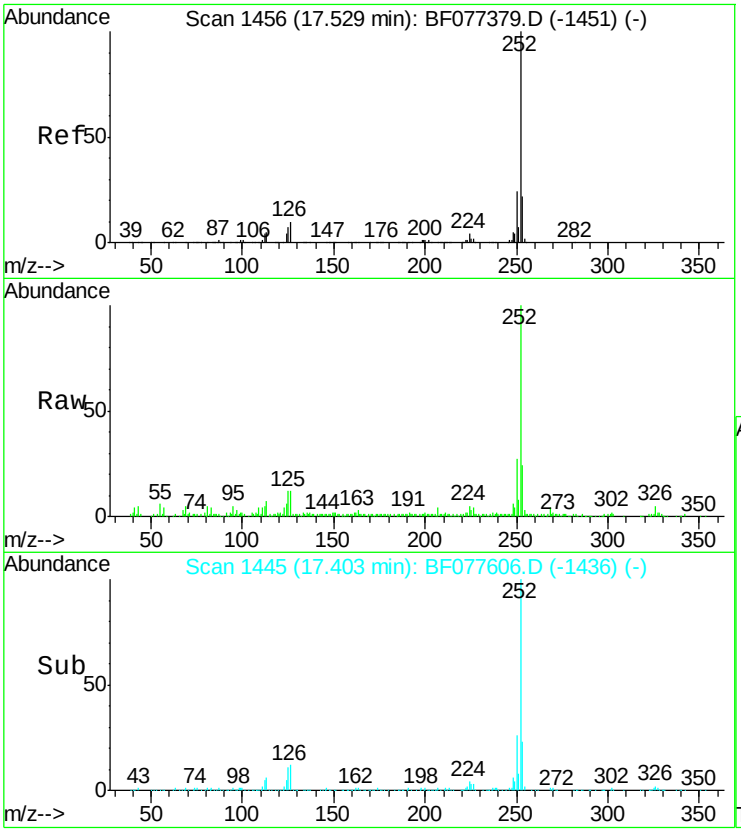


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:264 Resp: 282807

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	23.1	16.8	25.2



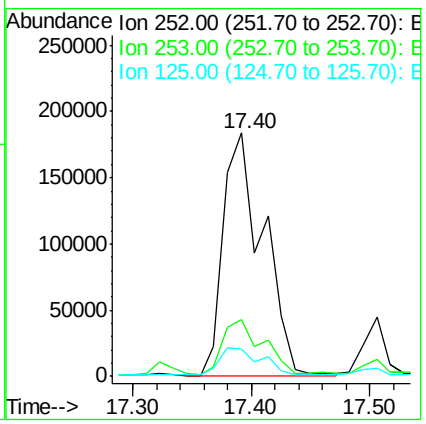


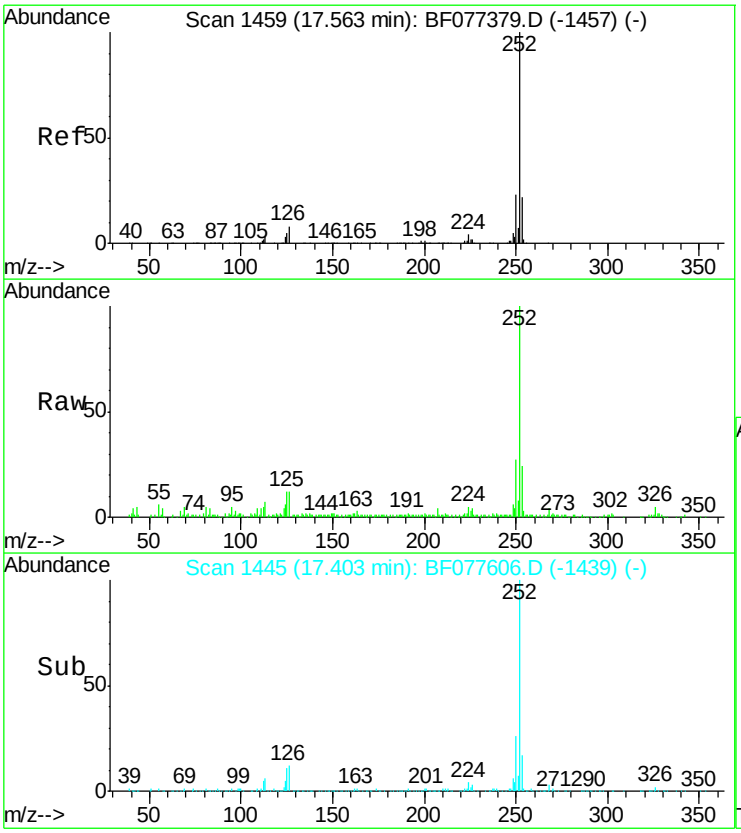
#87
Benzo(b)fluoranthene
Concen: 26.03 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:252 Resp: 428034

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.0	5.4	8.2#

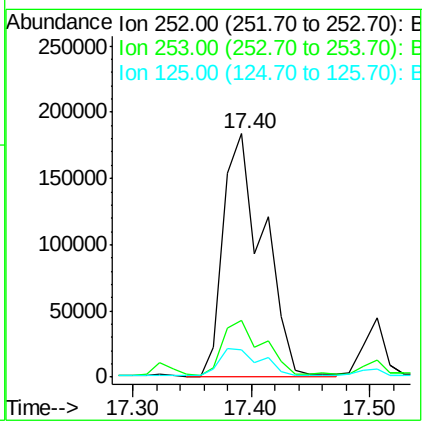


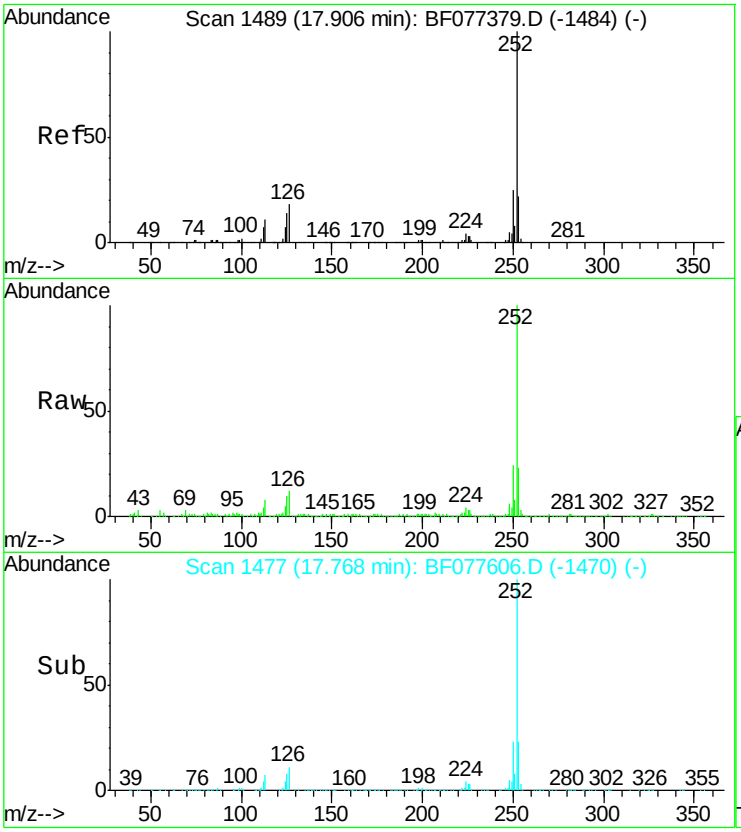


#88
Benzo(k)fluoranthene
Concen: 26.56 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.04 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:252 Resp: 428034

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	12.0	10.1	15.1



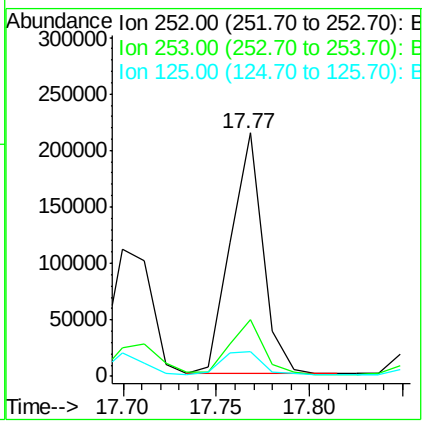


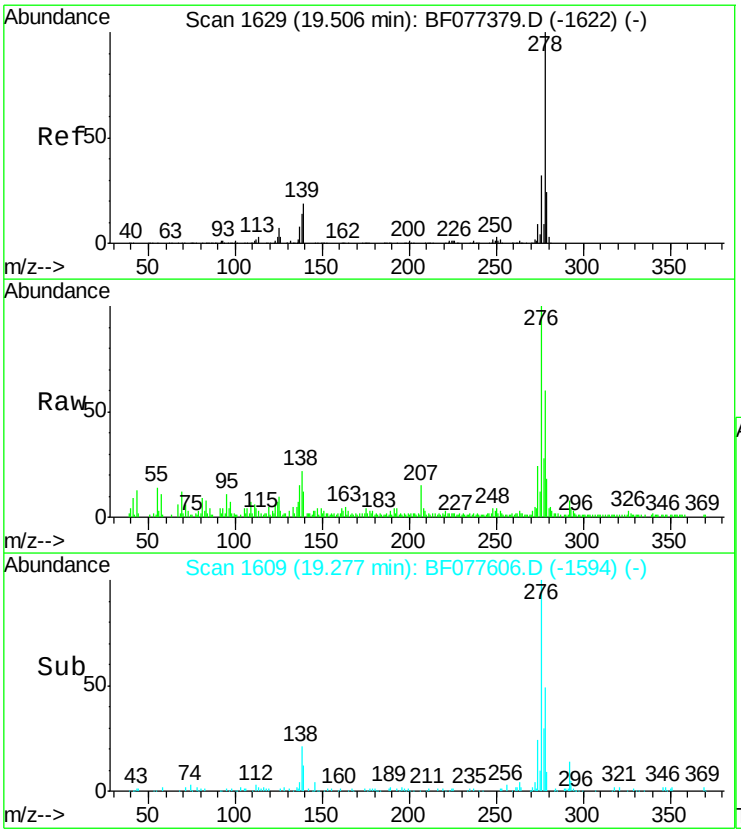
#89
Benzo(a)pyrene
Concen: 16.56 ng
RT: 17.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:252 Resp: 259426

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	9.9	8.3	12.5

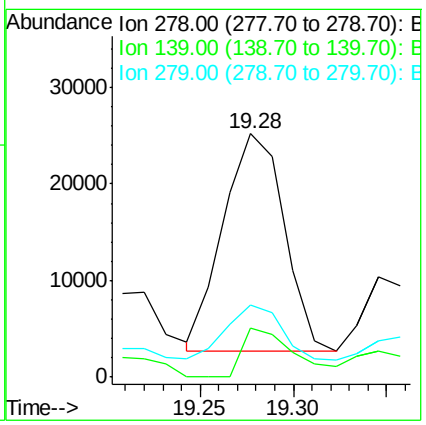


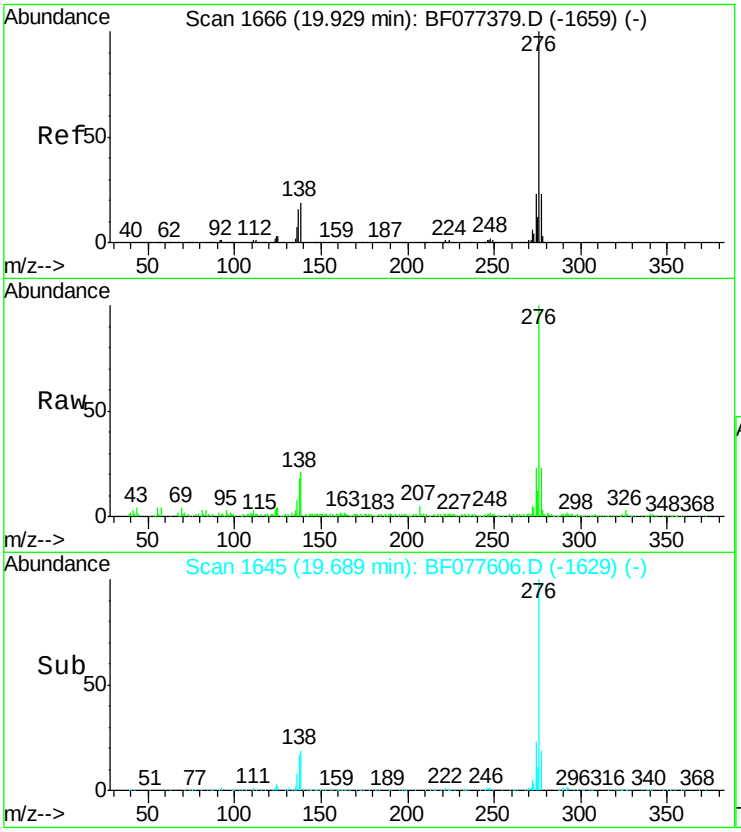


#90
Dibenzo(a,h)anthracene
Concen: 3.43 ng
RT: 19.28 min Scan# 1609
Delta R.T. -0.03 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Tgt Ion:278 Resp: 51276

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.3	21.5
279	29.8	19.0	28.6#





#91
Benzo(g,h,i)perylene
Concen: 19.55 ng
RT: 19.68 min Scan# 1645
Delta R.T. -0.02 min
Lab File: BF077606.D
Acq: 5 Mar 2015 5:27

Instrument :
BNA_F
ClientSampleId :
SB16

Tgt Ion:276 Resp: 294774

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	20.6	20.5	30.7