Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087646.D
Acq On : 2 Jun 2016 14:06
Operator : UM/SJ
Sample : H3190-13RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Jun 02 14:47:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	121707	20.00	ng		-0.11
21) Naphthalene-d8	9.44	136	517060	20.00	ng		-0.11
38) Acenaphthene-d10	12.25	164	238021	20.00	ng		-0.14
63) Phenanthrene-d10	14.66	188	414345	20.00	ng		-0.11
75) Chrysene-d12	18.39	240	291588	20.00	ng		-0.09
86) Perylene-d12	20.07	264	259308	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	361262	52.16	ng		-0.10
7) Phenol-d6	6.97	99	603540	64.49	ng		-0.10
23) Nitrobenzene-d5	8.33	82	385183	37.54	ng		-0.11
41) 2,4,6-Tribromophenol	13.55	330	241228	105.46	ng		-0.13
44) 2-Fluorobiphenyl	11.20	172	888521	52.63	ng		-0.14
78) Terphenyl-d14	17.02	244	1156704	84.34	ng		-0.11
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.33	70	37088	5.31	ng	#	74
49) Dimethylphthalate	11.91	163	386415	20.27	ng		99
70) Phenanthrene	14.72	178	115160	5.02	ng		98
71) Anthracene	14.85	178	50193	2.16	ng		98
74) Fluoranthene	16.48	202	403905	17.55	ng		94
77) Pyrene	16.79	202	359517	17.13	ng		97
80) Benzo(a)anthracene	18.38	228	150699	9.09	ng		99
82) Chrysene	18.43	228	195549	11.88	ng		96
87) Benzo(b)fluoranthene	19.81	252	42000	2.54	ng		96
88) Benzo(k)fluoranthene	19.67	252	372129	26.17	ng		99
89) Benzo(a)pyrene	20.02	252	149364	10.46	ng		96
90) Dibenzo(a,h)anthracene	21.33	278	26009	2.13	ng		99
91) Benzo(g,h,i)perylene	21.69	276	88851	7.39	ng	#	92

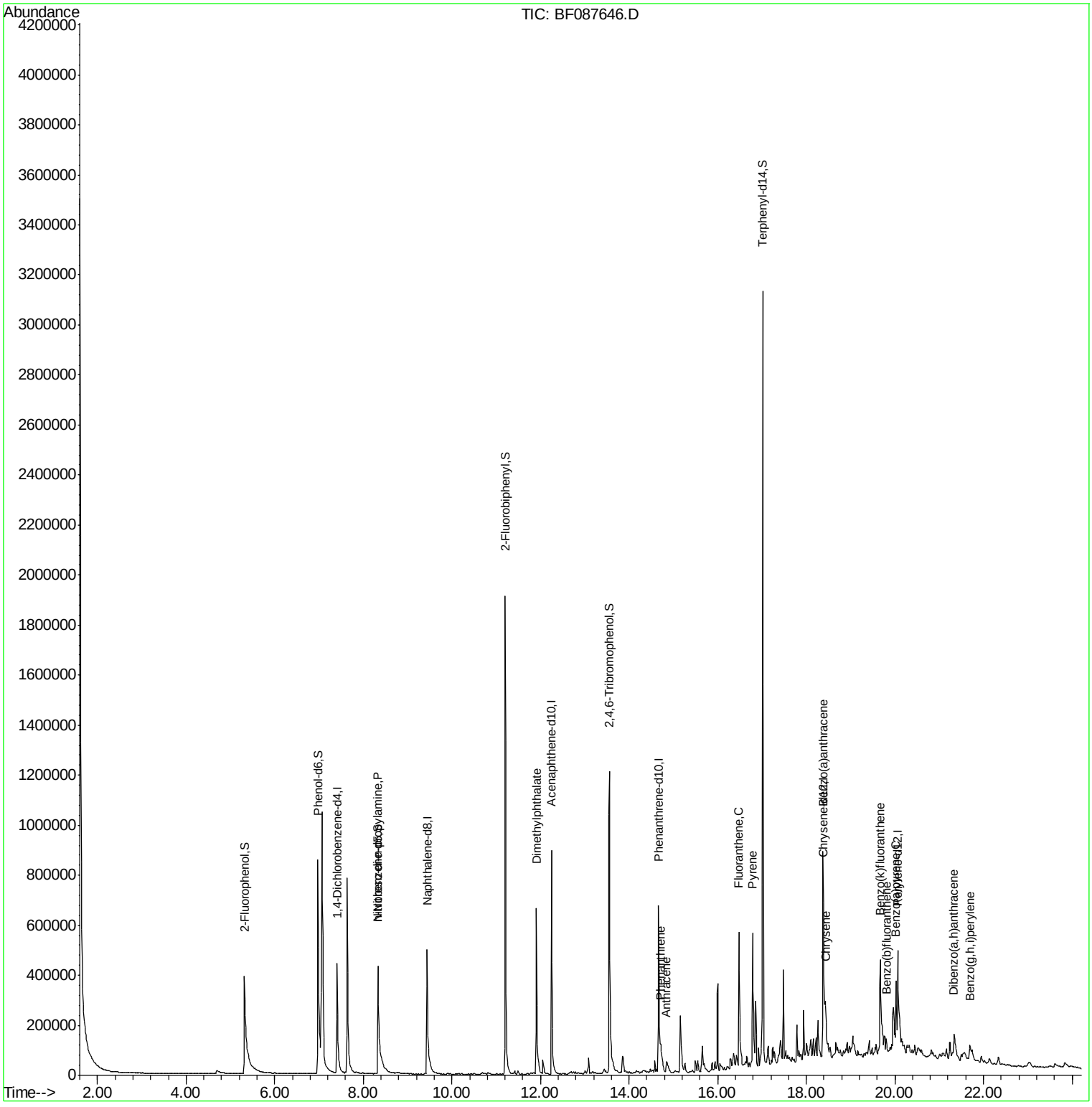
(#) = qualifier out of range (m) = manual integration (+) = signals summed

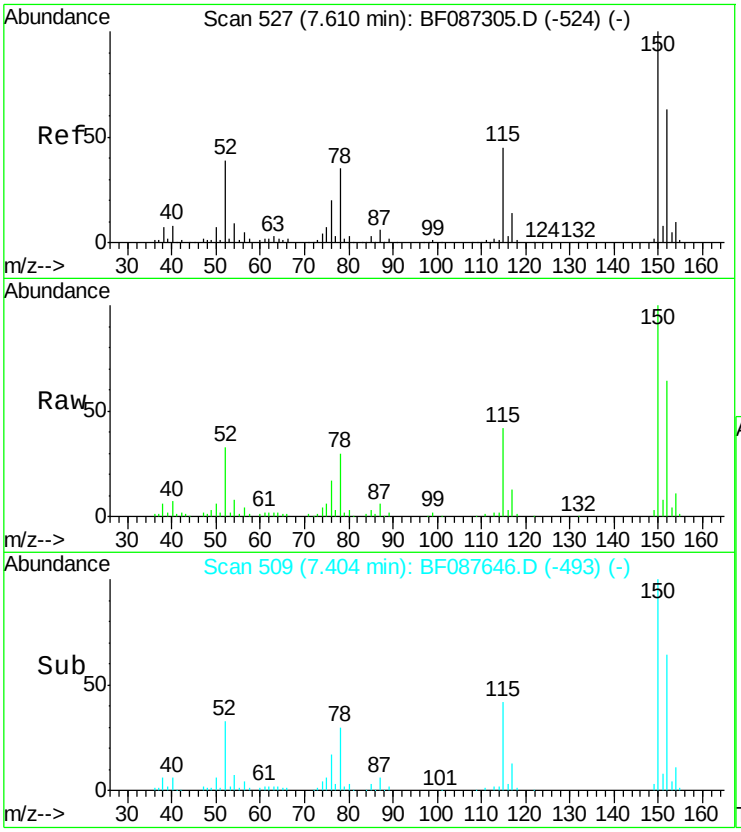
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087646.D
Acq On : 2 Jun 2016 14:06
Operator : UM/SJ
Sample : H3190-13RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Jun 02 14:47:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



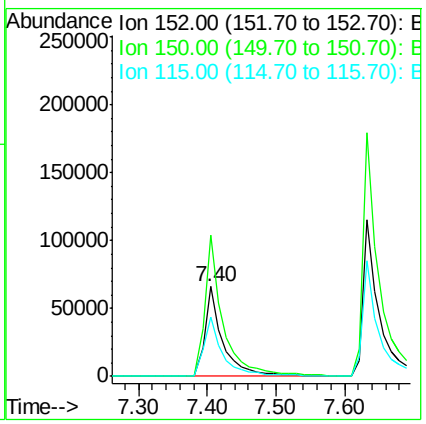


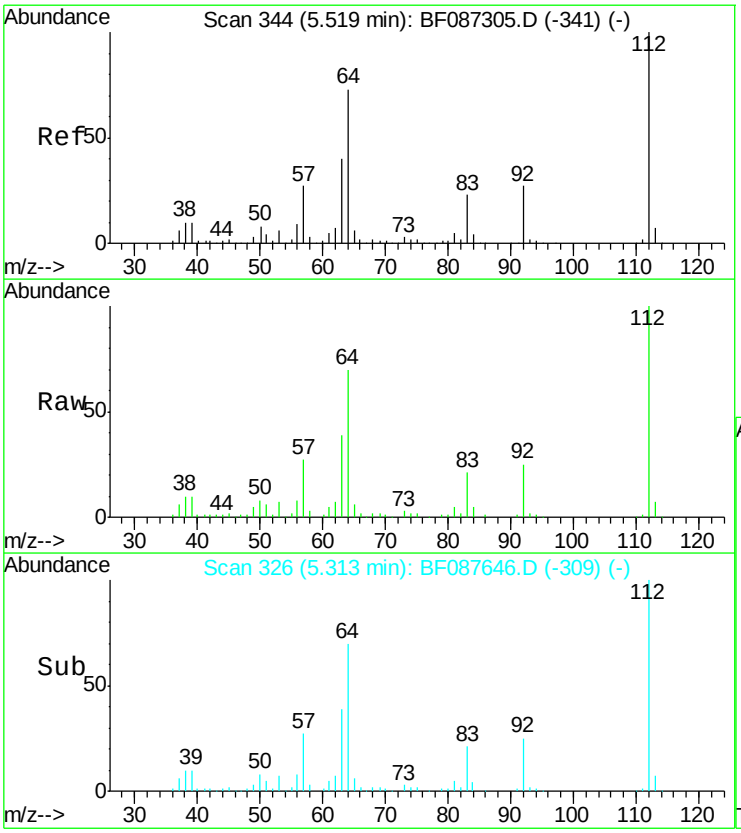
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.11 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 121707

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.8	188.6
115	65.6	51.5	77.3

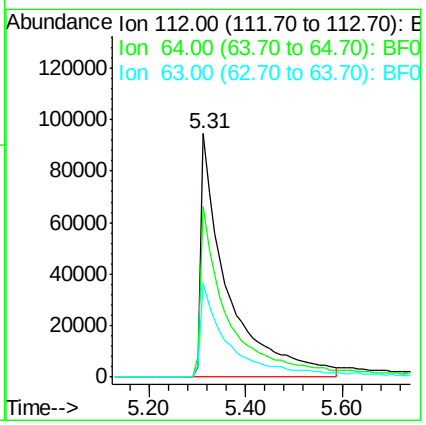


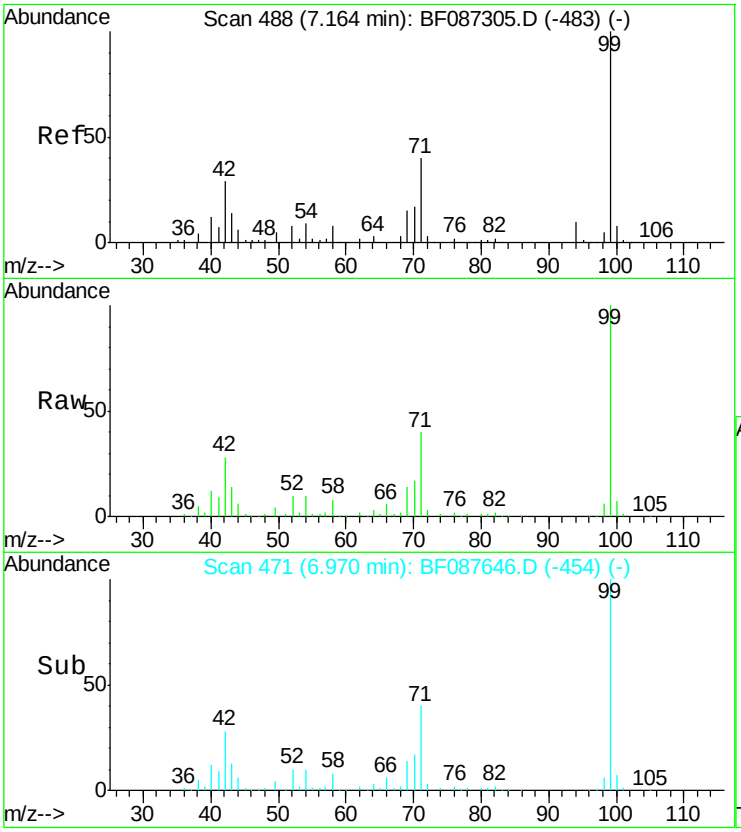


#5
2-Fluorophenol
Concen: 52.16 ng
RT: 5.31 min Scan# 326
Delta R.T. -0.10 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:112 Resp: 361262

Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.1	78.1
63	38.5	25.7	38.5#



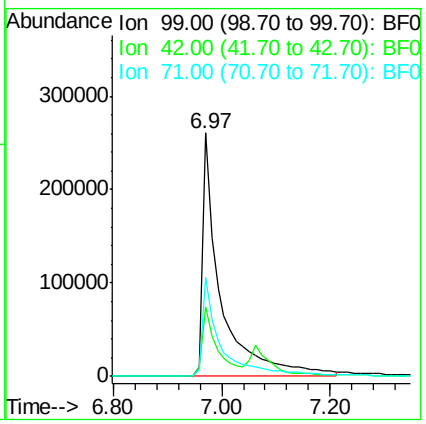


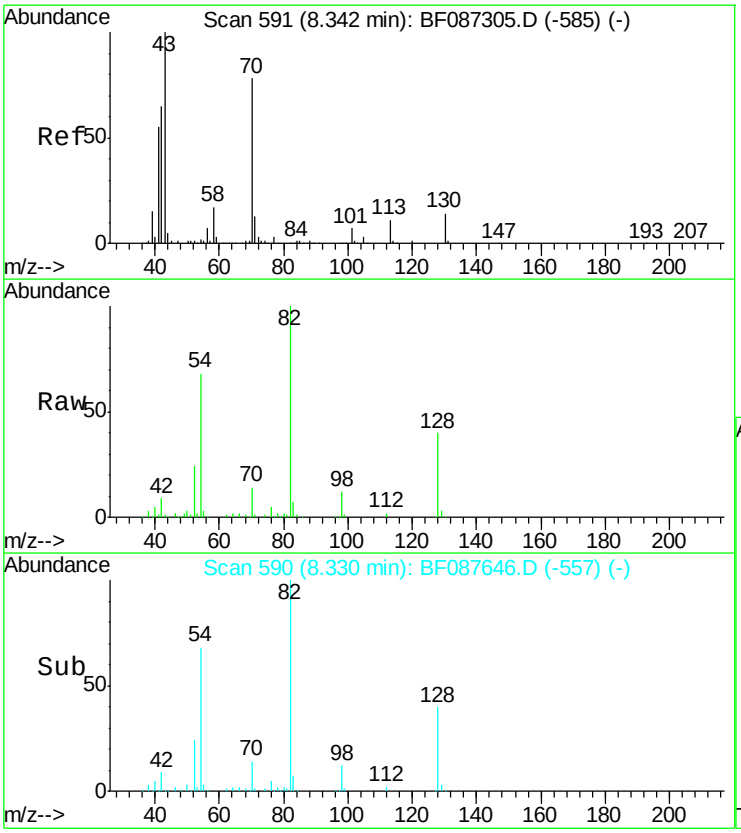
#7
Phenol-d6
Concen: 64.49 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.10 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 603540

Ion	Ratio	Lower	Upper
99	100		
42	28.4	13.6	20.4#
71	40.5	24.6	36.8#

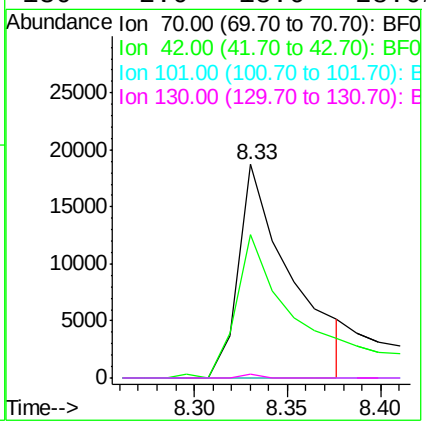


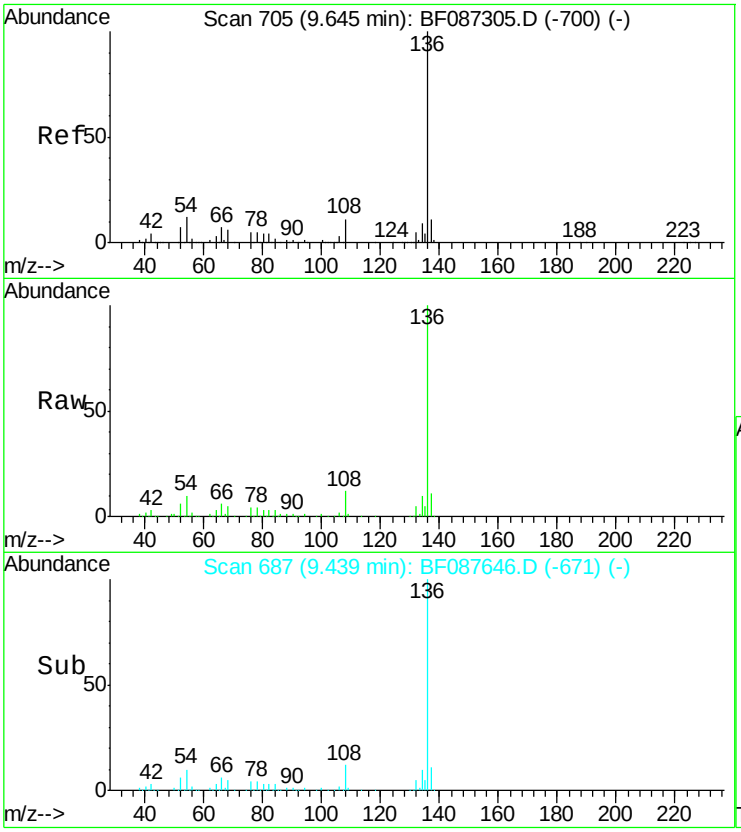


#19
n-Nitroso-di-n-propylamine
Concen: 5.31 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.08 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion: 70 Resp: 37088

Ion	Ratio	Lower	Upper
70	100		
42	67.0	43.1	64.7#
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#



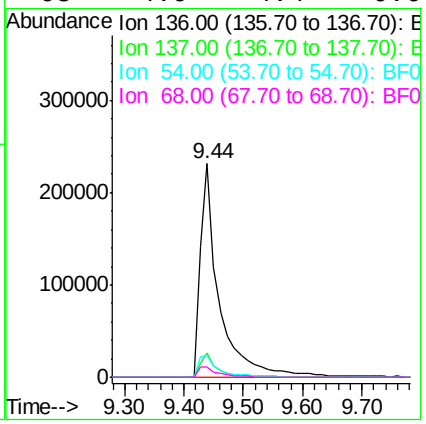


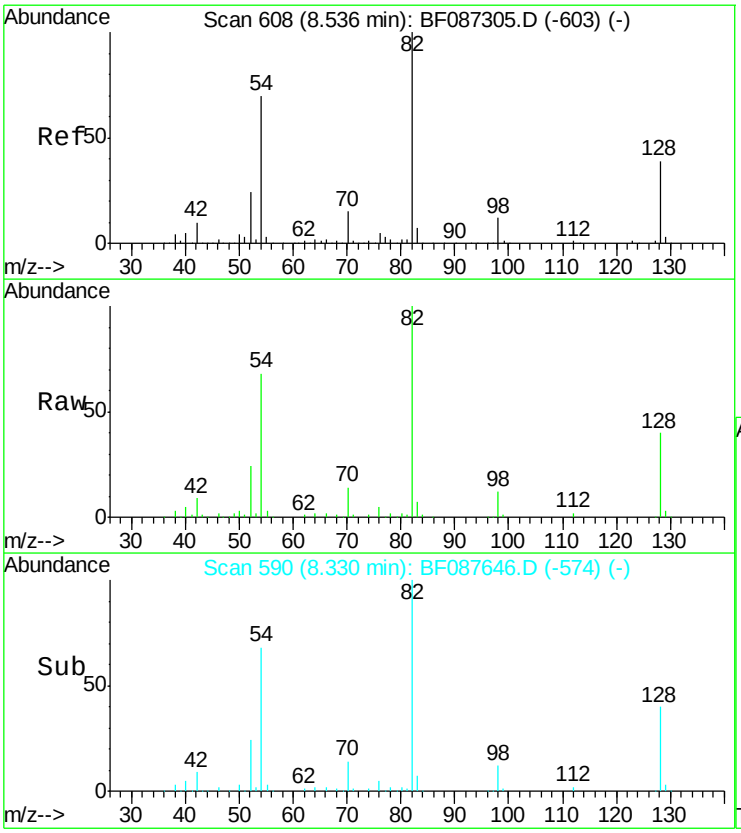
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.11 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 517060

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.1	5.0	7.4#
68	4.9	4.4	6.6

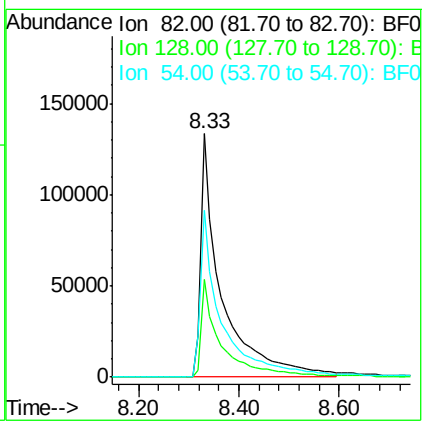


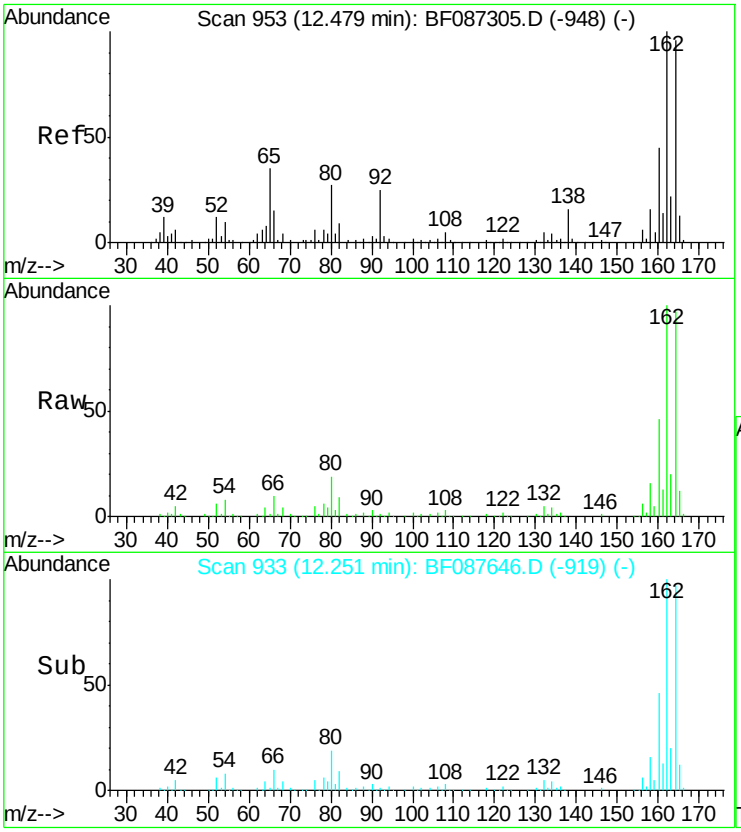


#23
Nitrobenzene-d5
Concen: 37.54 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.11 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion: 82 Resp: 385183

Ion	Ratio	Lower	Upper
82	100		
128	39.9	40.6	61.0#
54	68.3	38.1	57.1#



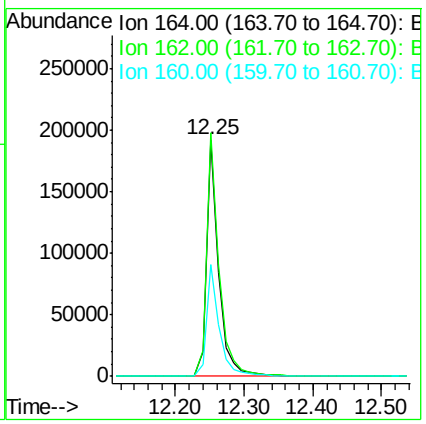


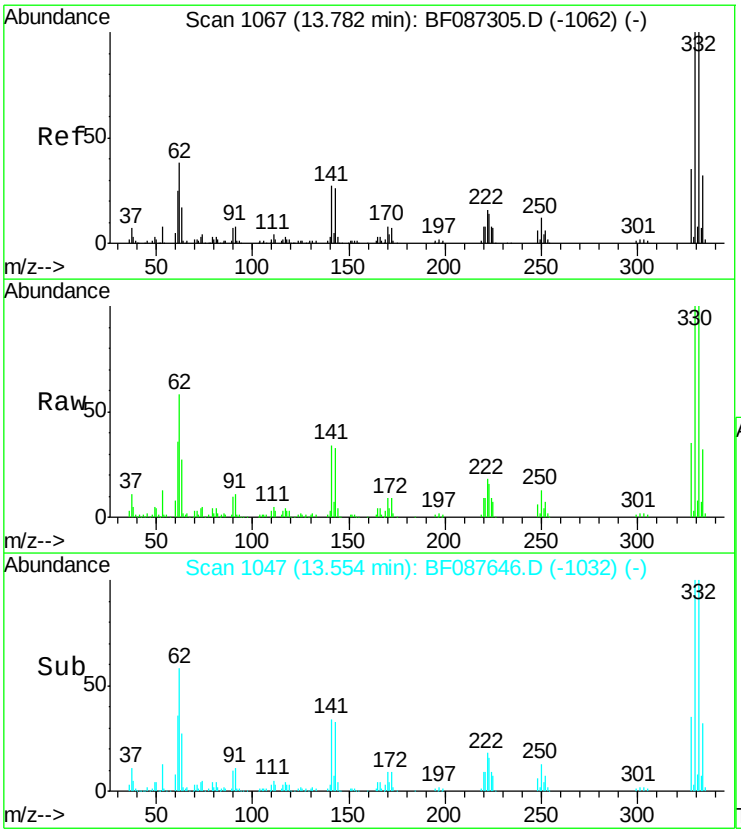
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 933
Delta R.T. -0.14 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 238021

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	47.2	36.9	55.3

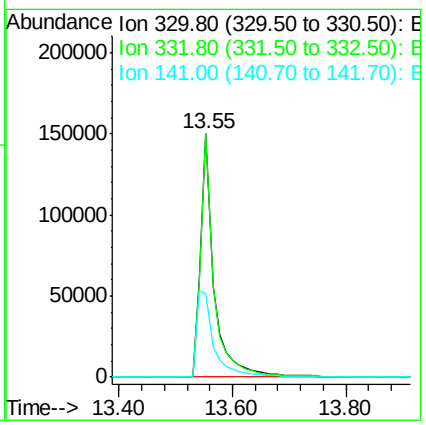


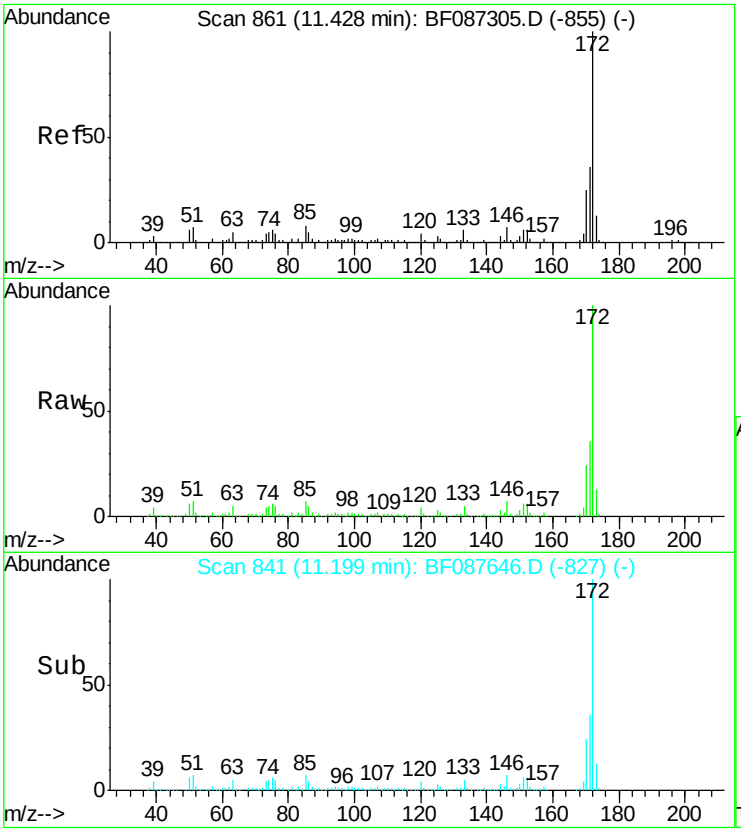


#41
2,4,6-Tribromophenol
Concen: 105.46 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.13 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:330 Resp: 241228

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	45.8	31.2	46.8

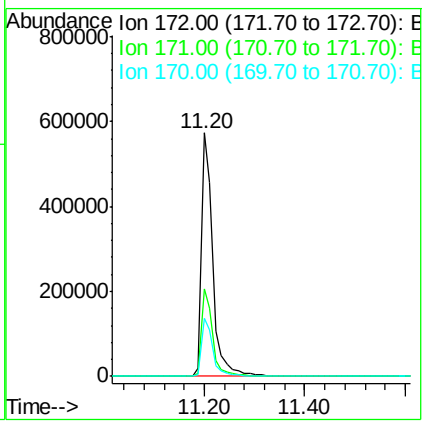




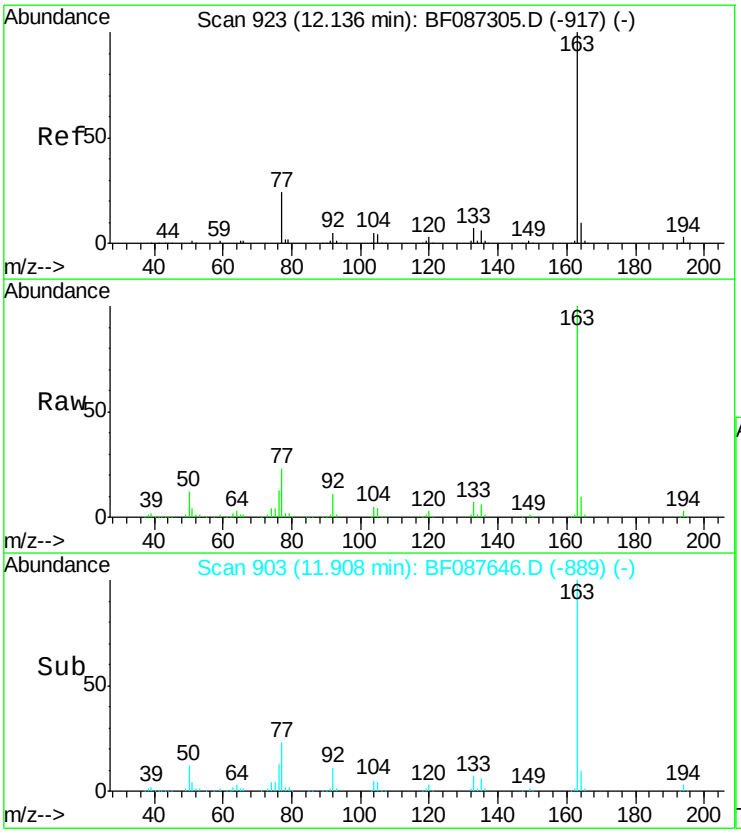
#44
2-Fluorobiphenyl
Concen: 52.63 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.14 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:172 Resp: 888521

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.8	19.8	29.8



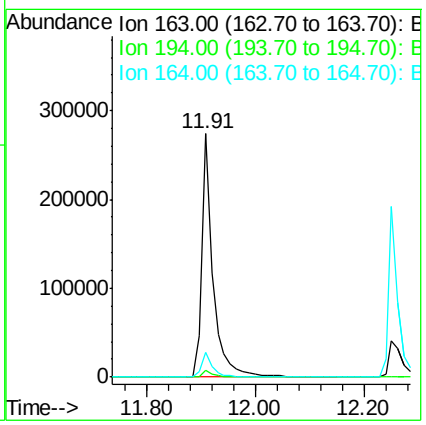
Instrument :
BNA_F
ClientSampleId :
DFTPP

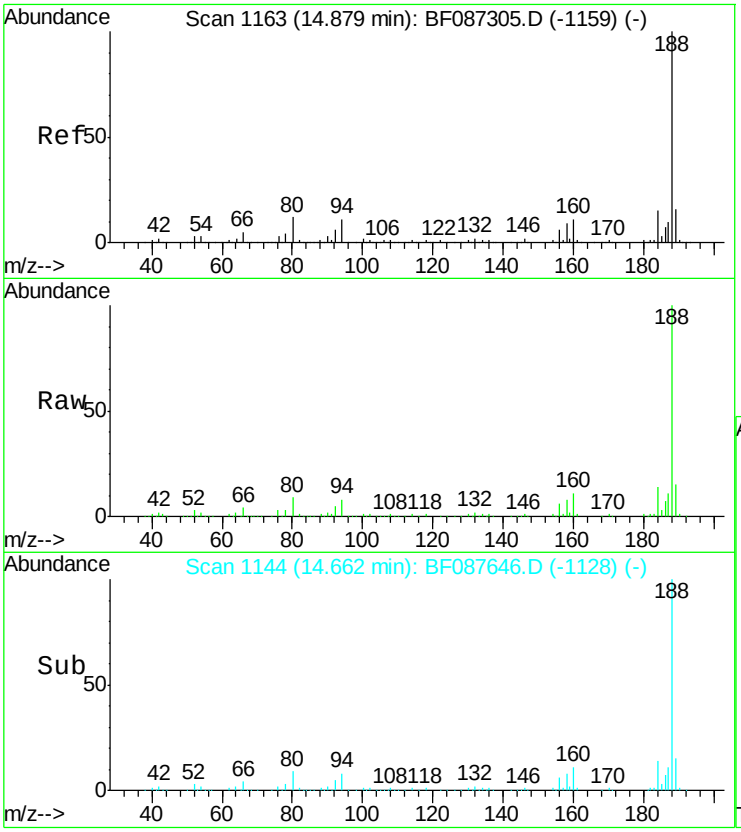


#49
Dimethylphthalate
Concen: 20.27 ng
RT: 11.91 min Scan# 903
Delta R.T. -0.14 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:163 Resp: 386415

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.2	12.4



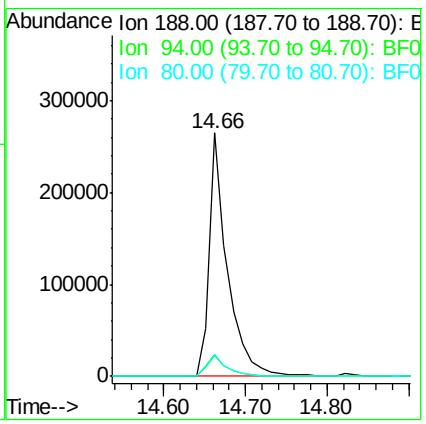


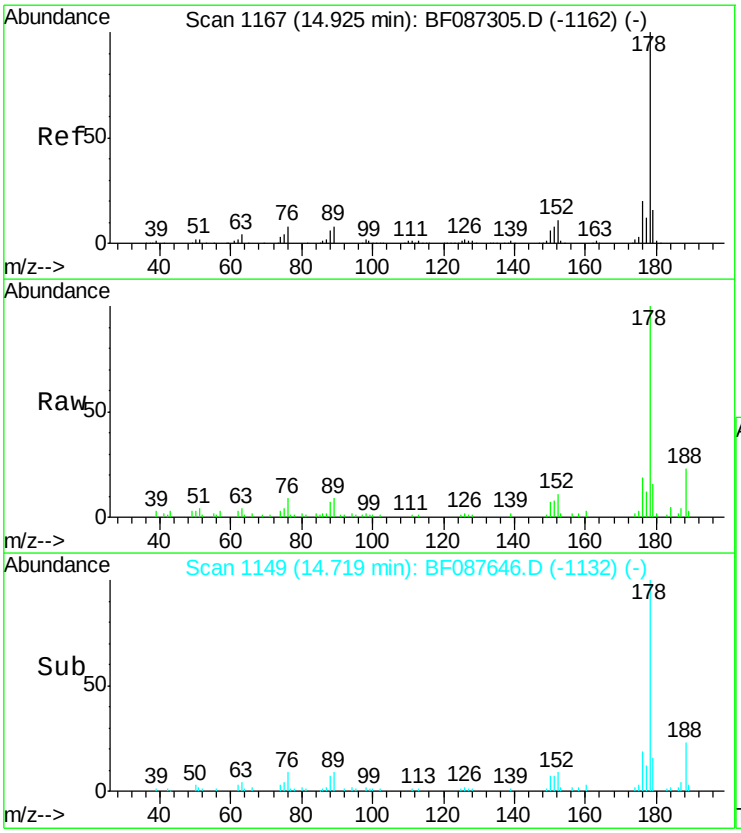
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 414345

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.1	10.7

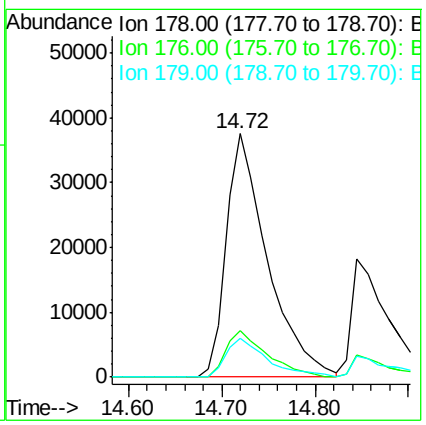


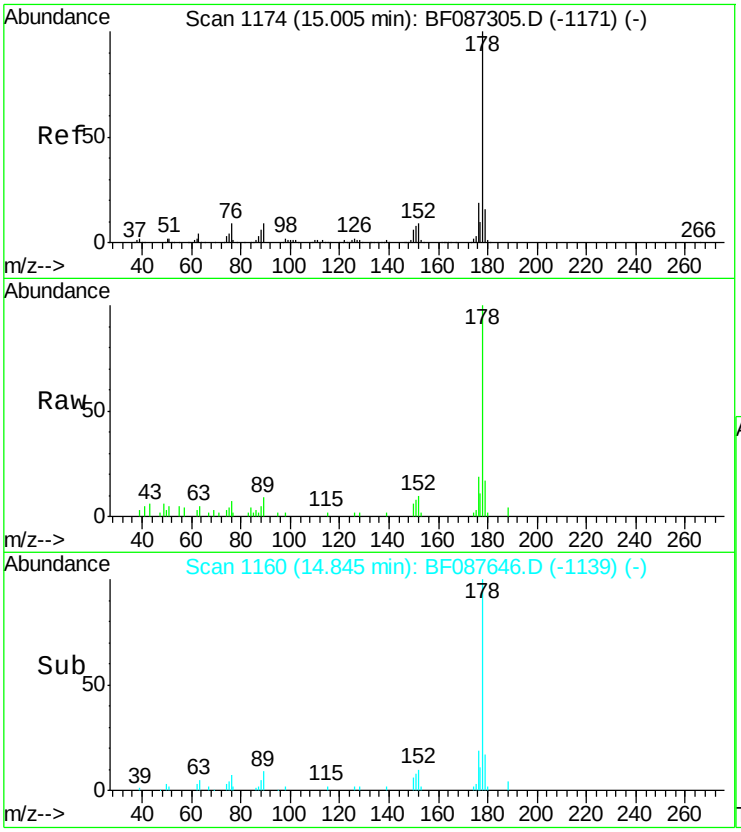


#70
Phenanthrene
Concen: 5.02 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.10 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:178 Resp: 115160

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.9	12.6	18.8



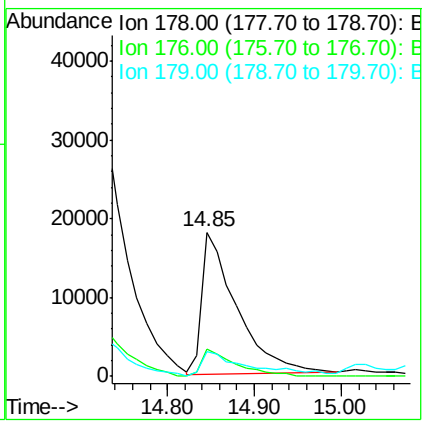


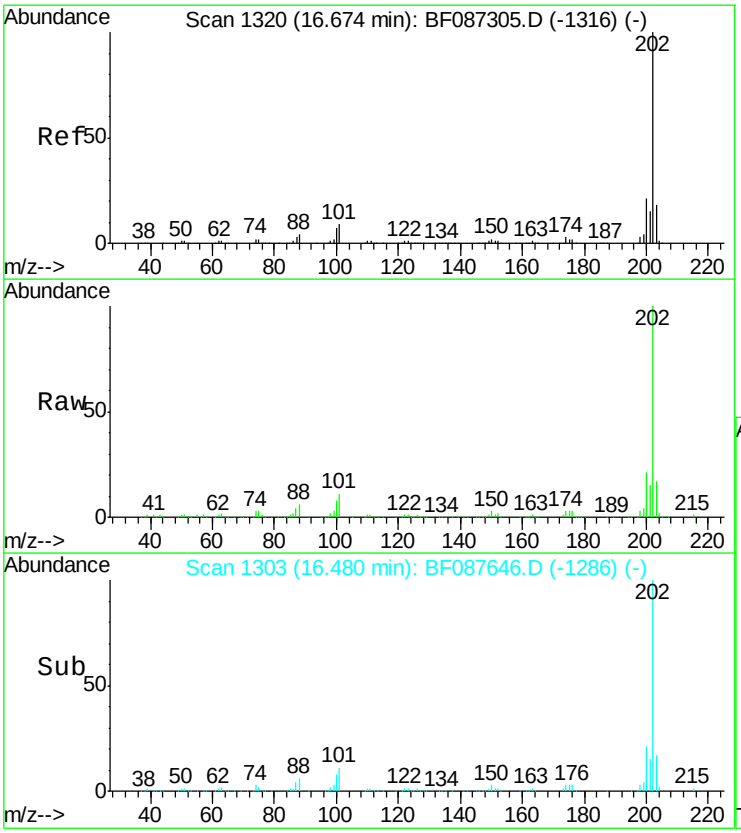
#71
Anthracene
Concen: 2.16 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 50193

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	17.4	12.7	19.1

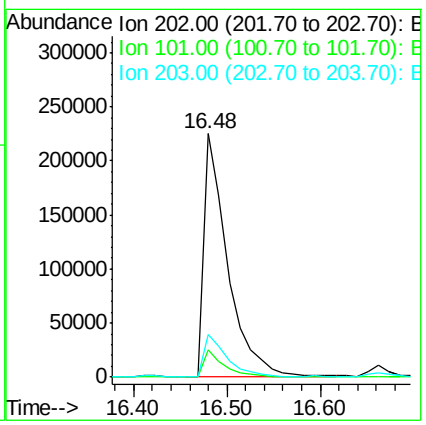


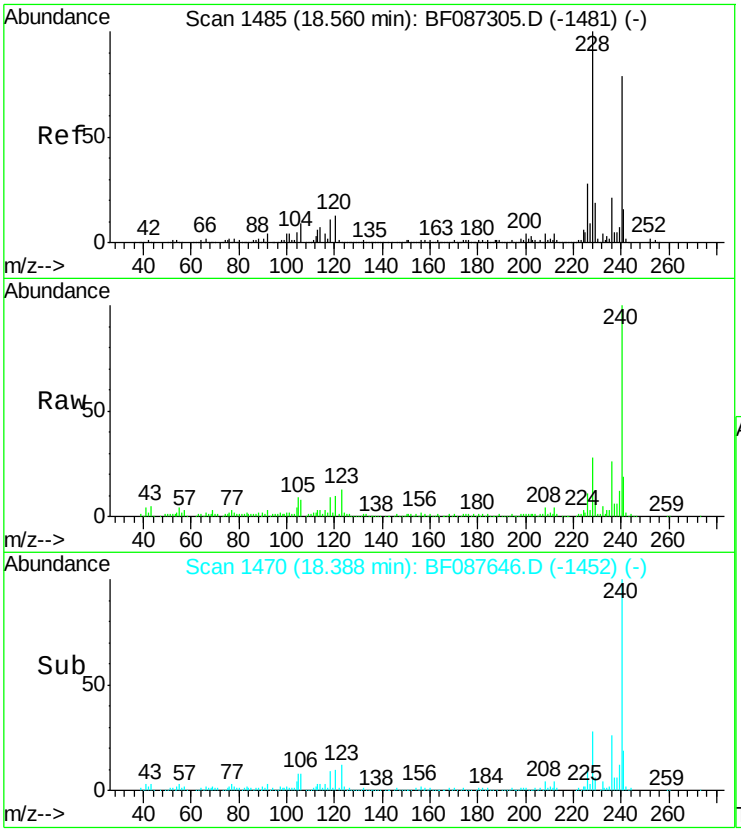


#74
Fluoranthene
Concen: 17.55 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.10 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:202 Resp: 403905

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	35.4
203	17.4	0.0	38.1



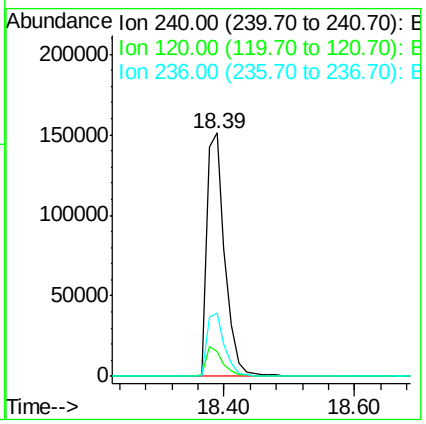


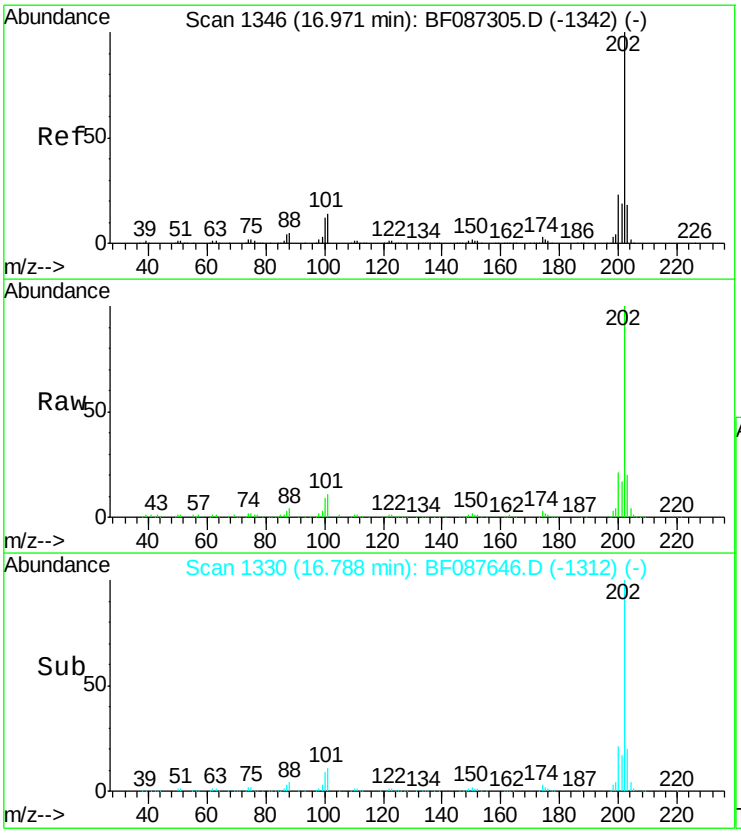
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. -0.09 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:240 Resp: 291588

Ion	Ratio	Lower	Upper
240	100		
120	10.1	11.2	16.8#
236	26.1	21.2	31.8

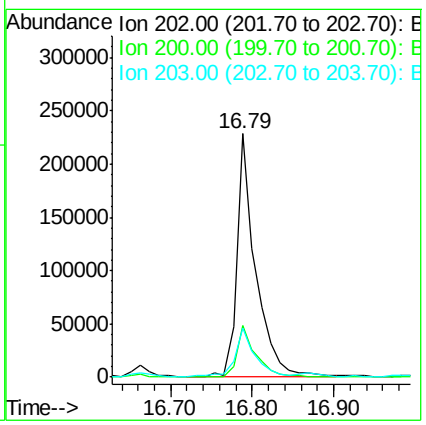


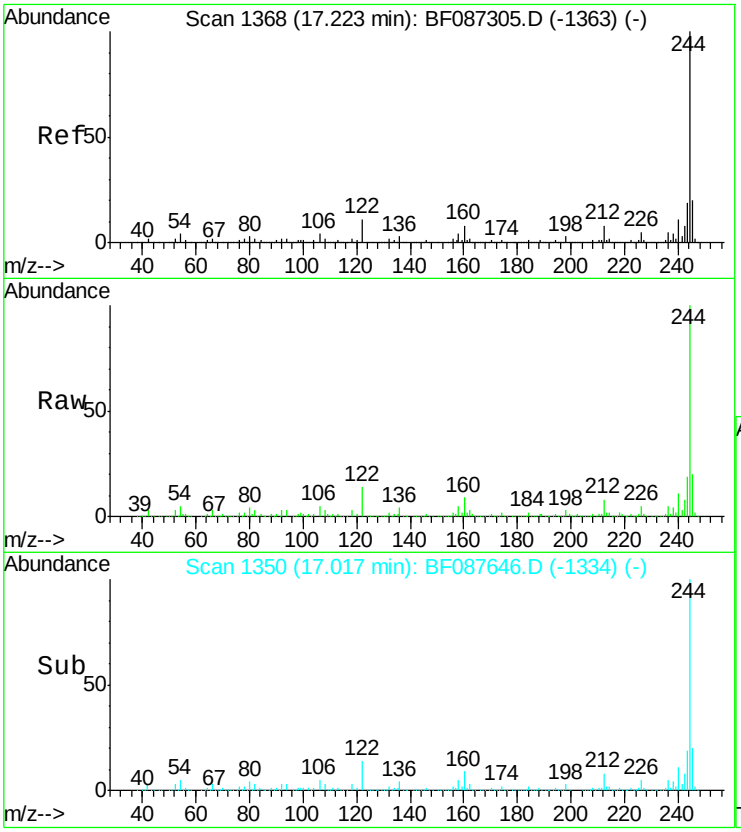


#77
Pyrene
Concen: 17.13 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.09 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:202 Resp: 359517

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	20.1	14.2	21.4



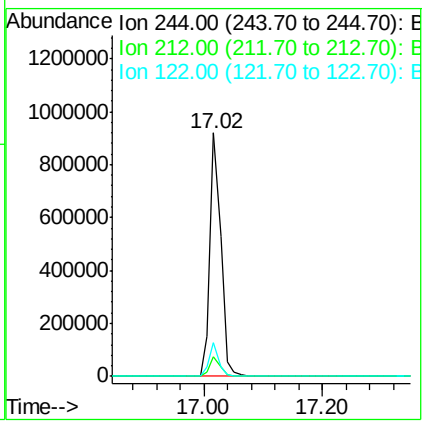


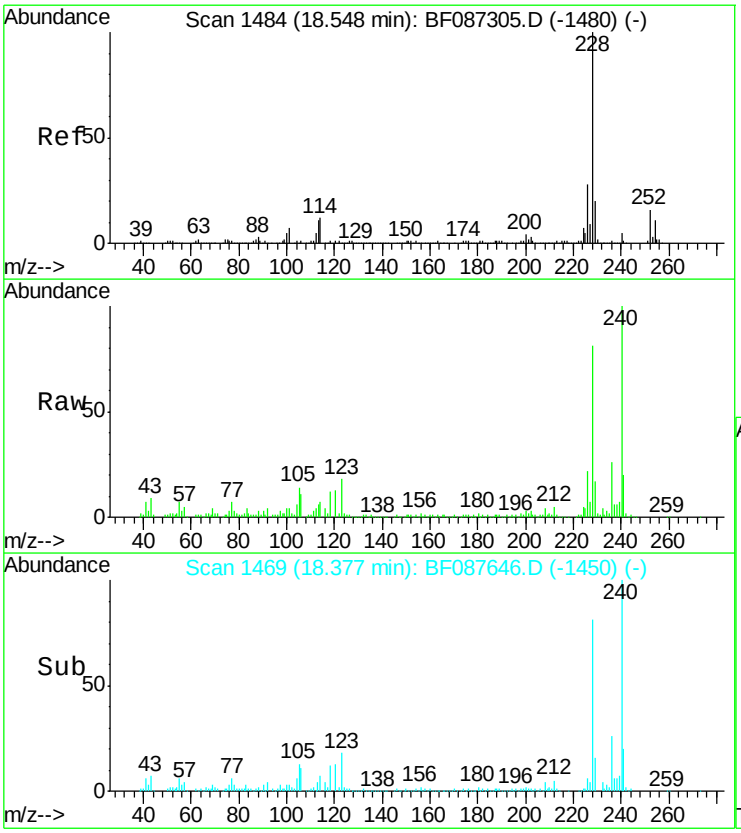
#78
Terphenyl-d14
Concen: 84.34 ng
RT: 17.02 min Scan# 1350
Delta R.T. -0.11 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 1156704

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.8	12.0	18.0

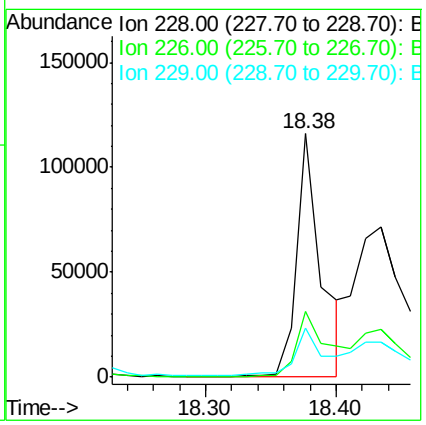


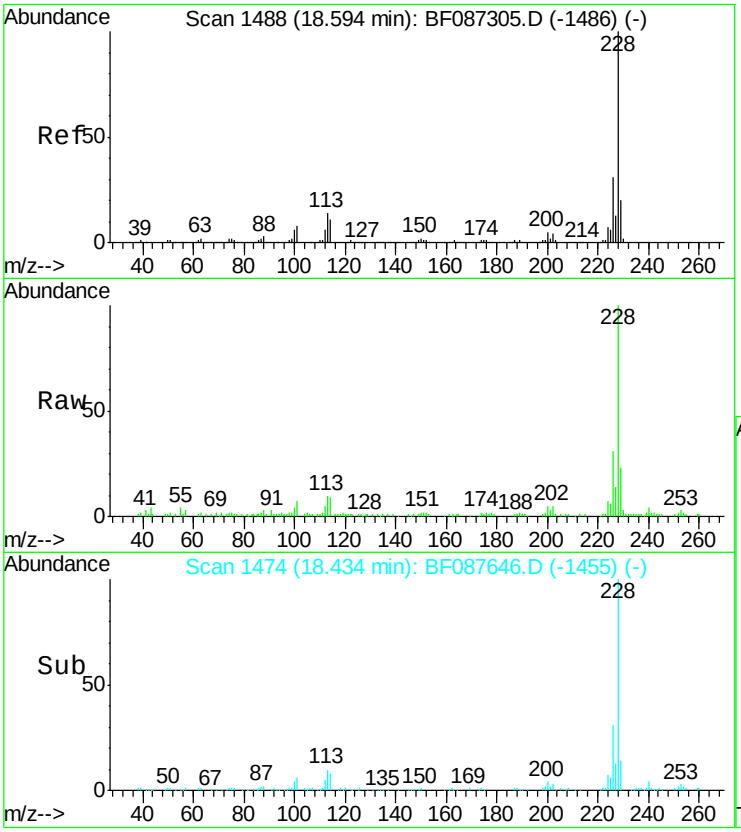


#80
Benzo(a)anthracene
Concen: 9.09 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.08 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:228 Resp: 150699

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	20.4	16.6	25.0



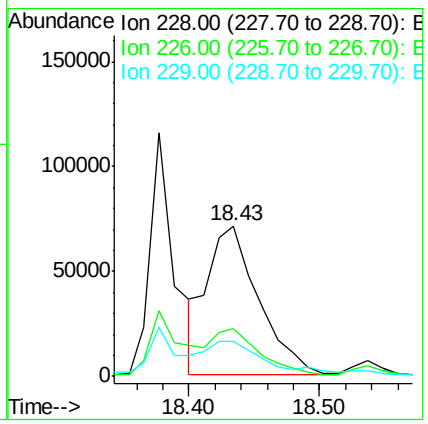


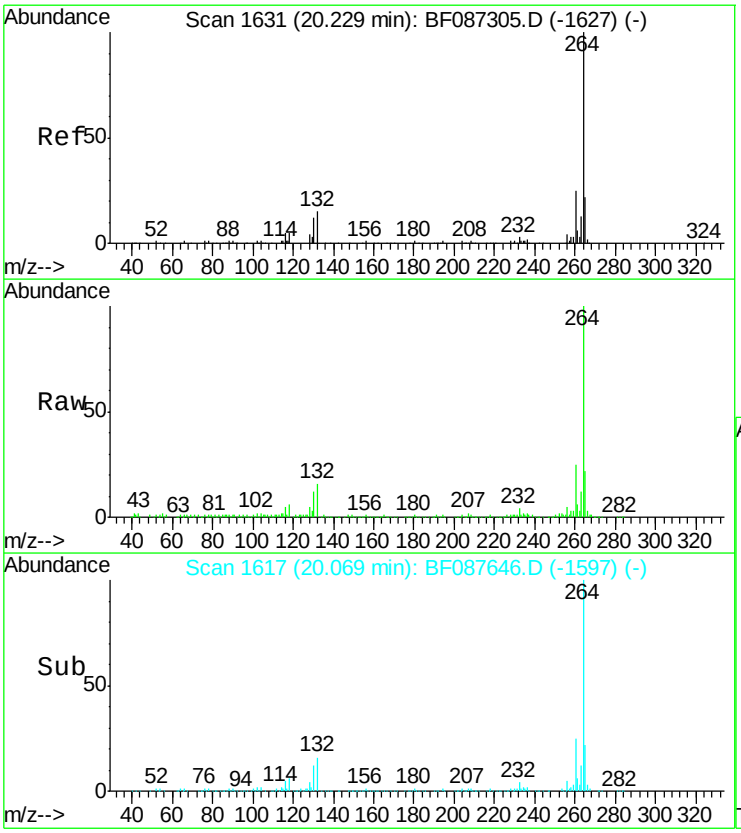
#82
Chrysene
Concen: 11.88 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.08 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:228 Resp: 195549

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	23.1	15.8	23.8

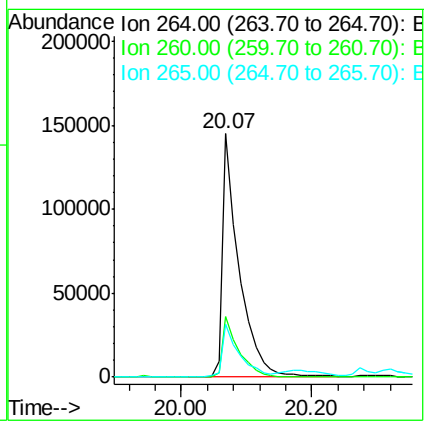


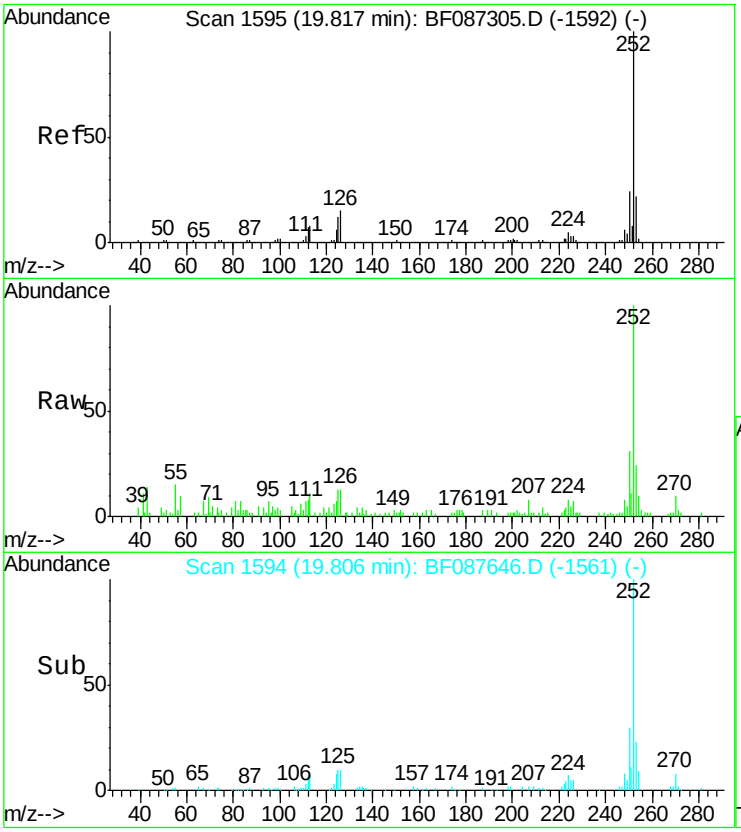


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.07 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:264 Resp: 259308

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.9	17.3	25.9



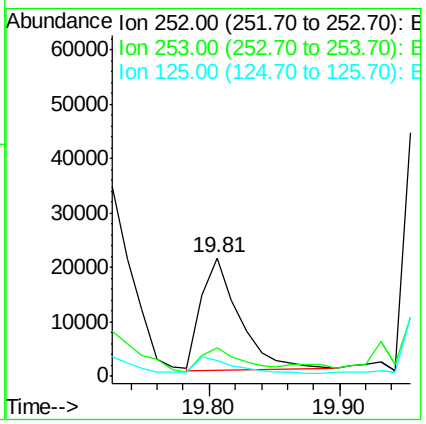


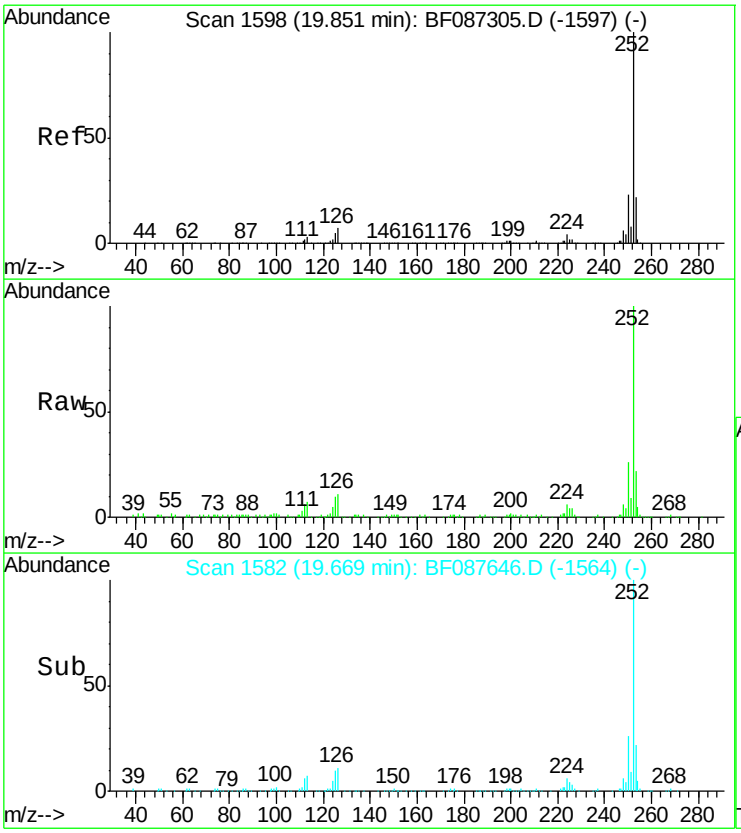
#87
Benzo(b)fluoranthene
Concen: 2.54 ng
RT: 19.81 min Scan# 1594
Delta R.T. 0.08 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 42000

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	13.1	11.4	17.0

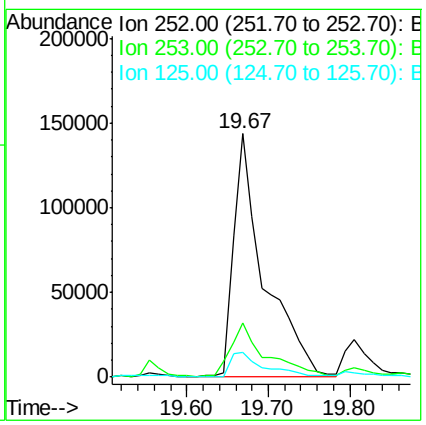


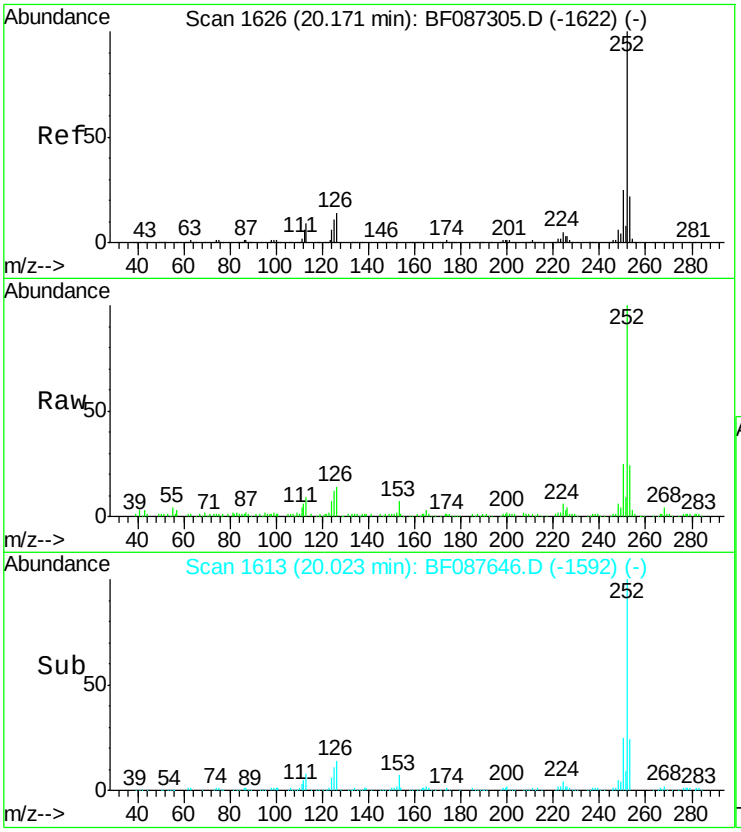


#88
Benzo(k)fluoranthene
Concen: 26.17 ng
RT: 19.67 min Scan# 1582
Delta R.T. -0.09 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:252 Resp: 372129

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.0	9.1	13.7



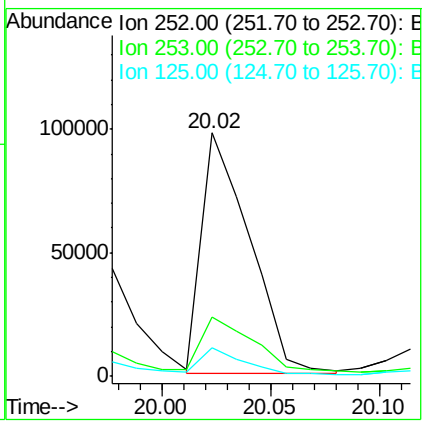


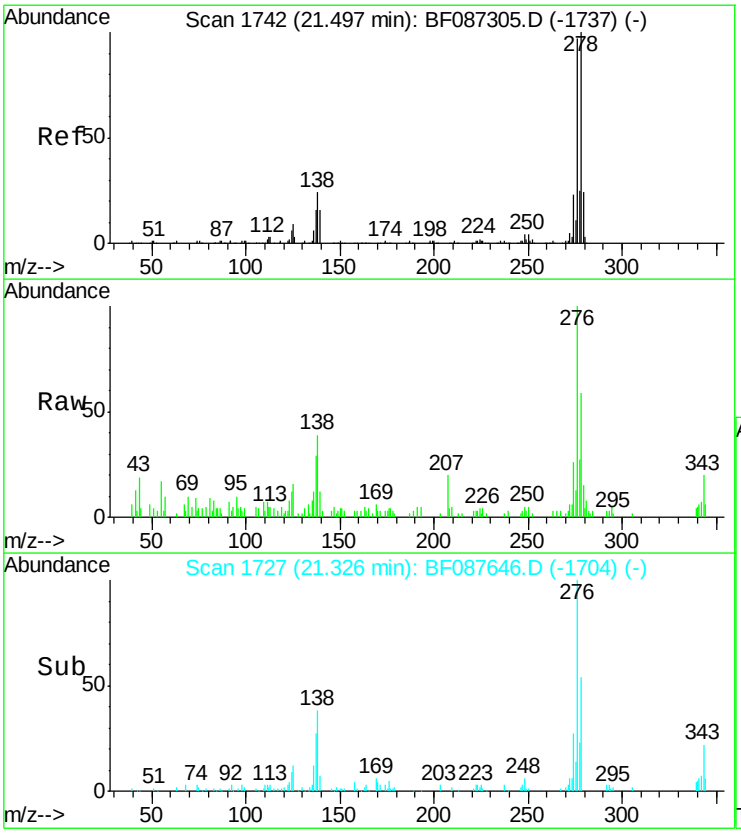
#89
Benzo(a)pyrene
Concen: 10.46 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.06 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 149364

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	11.6	9.0	13.6

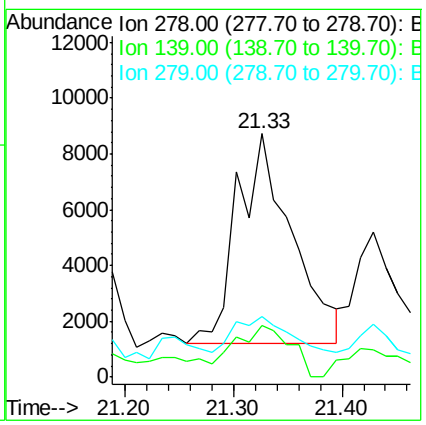


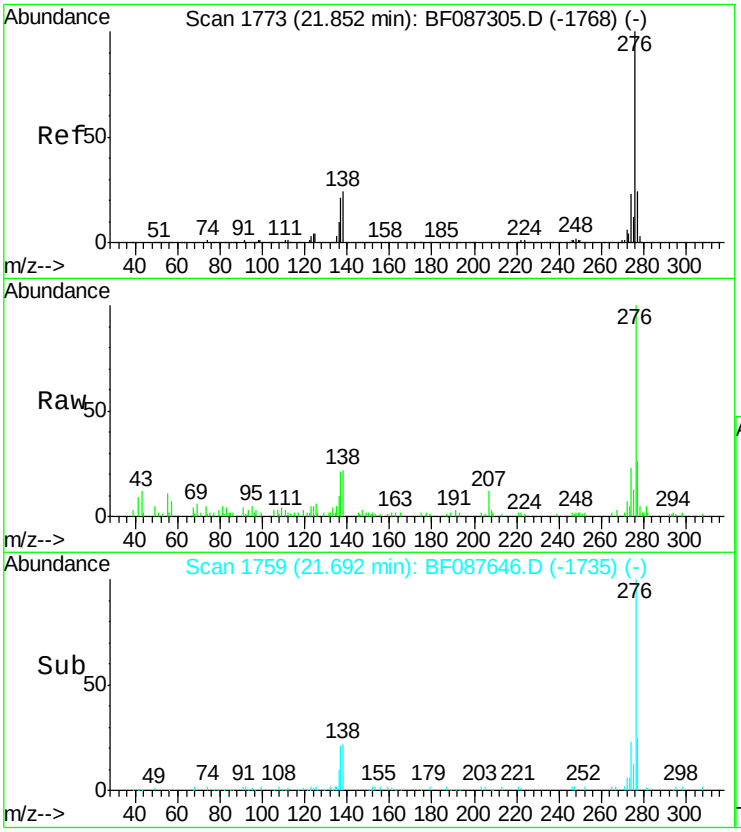


#90
Dibenzo(a,h)anthracene
Concen: 2.13 ng
RT: 21.33 min Scan# 1727
Delta R.T. -0.03 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Tgt Ion:278 Resp: 26009

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.6	24.8
279	24.9	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 7.39 ng
RT: 21.69 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF087646.D
Acq: 2 Jun 2016 14:06

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:276 Resp: 88851

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.6	29.4
138	22.3	23.6	35.4#