Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087611.D
Acq On : 1 Jun 2016 8:19
Operator : UM/SJ
Sample : H3190-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1711(0-4)

Quant Time: Jun 01 13:35:30 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	7.44	152	116239	20.00	ng		-0.08
21) Naphthalene-d8	9.47	136	471596	20.00	ng		-0.08
38) Acenaphthene-d10	12.30	164	204180	20.00	ng		-0.09
63) Phenanthrene-d10	14.70	188	332054	20.00	ng		-0.08
75) Chrysene-d12	18.42	240	264157	20.00	ng		-0.06
86) Perylene-d12	20.10	264	214882	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	172568	26.09	ng		-0.05
7) Phenol-d6	7.03	99	248761	27.83	ng		-0.05
23) Nitrobenzene-d5	8.38	82	166335	17.78	ng		-0.07
41) 2,4,6-Tribromophenol	13.60	330	46083	23.49	ng		-0.08
44) 2-Fluorobiphenyl	11.24	172	304617	21.03	ng		-0.09
78) Terphenyl-d14	17.05	244	197860	15.92	ng		-0.08
Target Compounds							Qvalue
48) Acenaphthylene	12.08	152	69509	3.34	ng		99
49) Dimethylphthalate	11.95	163	42439	2.59	ng		99
55) 4-Nitrophenol	12.67	139	3547	2.20	ng	#	14
70) Phenanthrene	14.75	178	64949	3.53	ng		99
71) Anthracene	14.85	178	69161	3.72	ng		99
74) Fluoranthene	16.51	202	403927	21.90	ng		94
77) Pyrene	16.82	202	414017	21.77	ng		99
80) Benzo(a)anthracene	18.41	228	203491	13.54	ng		95
82) Chrysene	18.46	228	170460	11.43	ng		99
87) Benzo(b)fluoranthene	19.82	252	52272	3.82	ng		97
88) Benzo(k)fluoranthene	19.69	252	382927	32.50	ng		100
89) Benzo(a)pyrene	20.06	252	127346	10.76	ng	#	93
90) Dibenzo(a,h)anthracene	21.36	278	25135	2.49	ng		99
91) Benzo(g,h,i)perylene	21.73	276	67753	6.80	ng	#	90

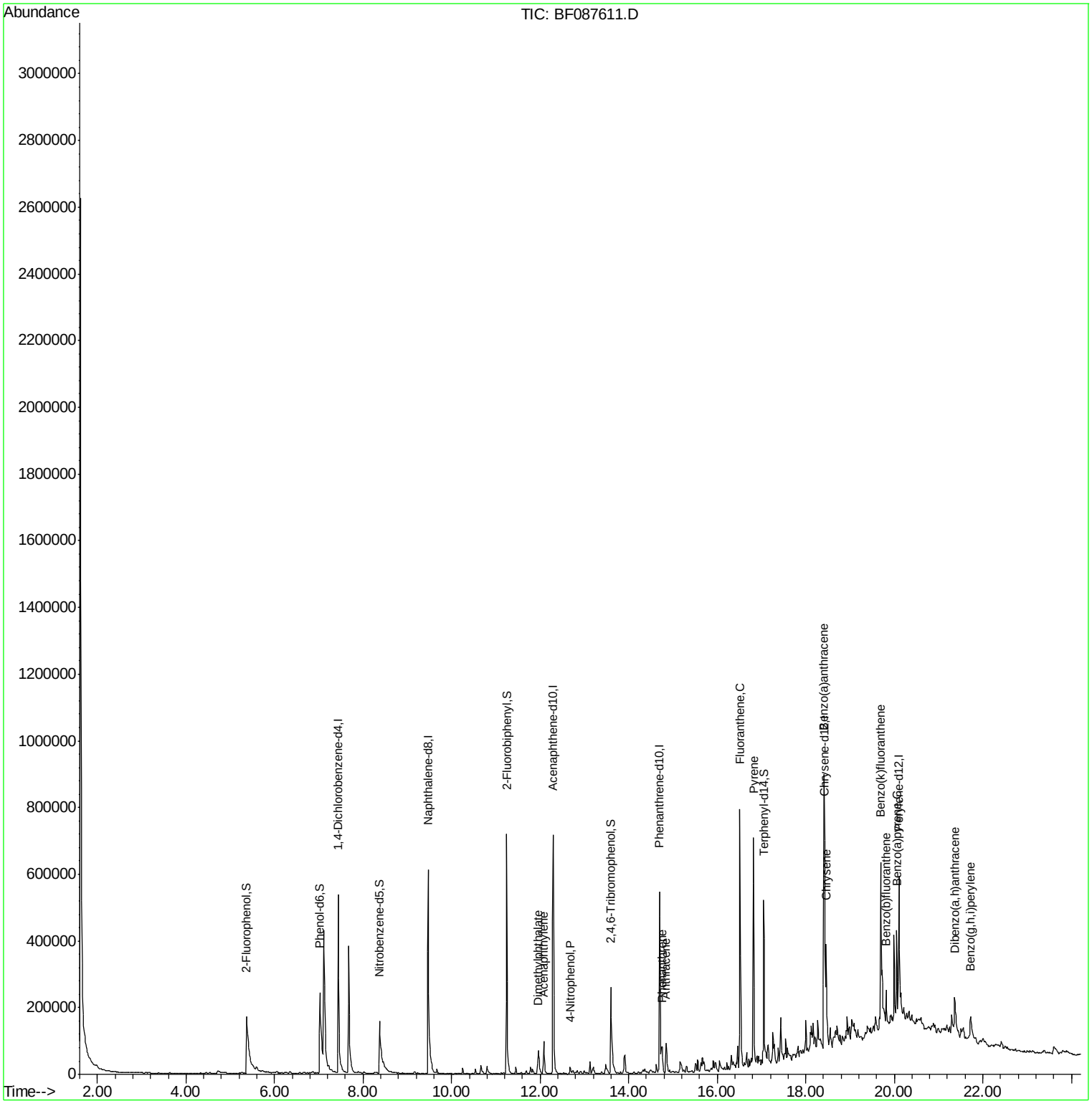
(#) = qualifier out of range (m) = manual integration (+) = signals summed

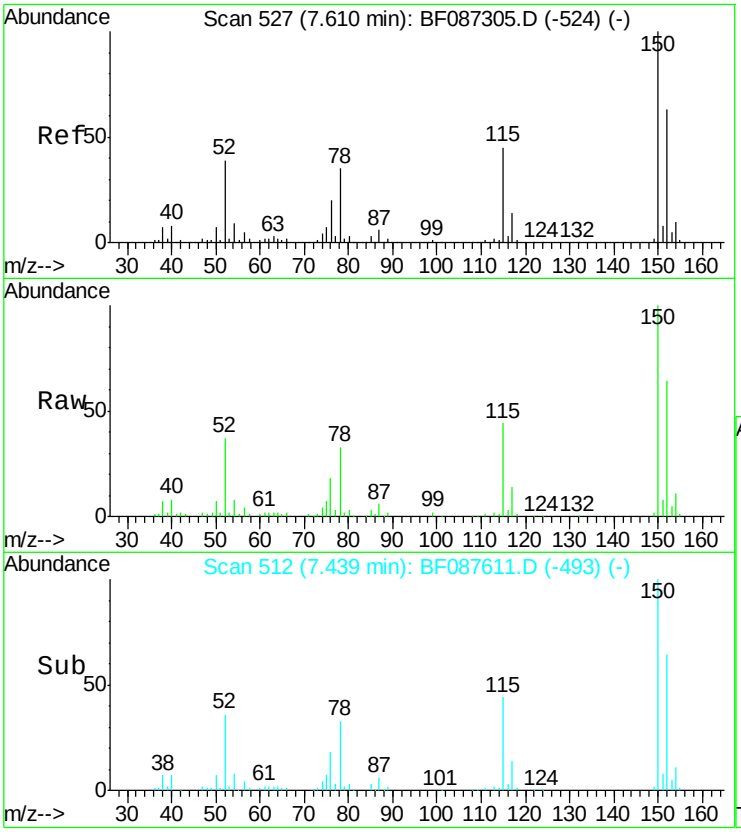
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087611.D
Acq On : 1 Jun 2016 8:19
Operator : UM/SJ
Sample : H3190-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Quant Time: Jun 01 13:35:30 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



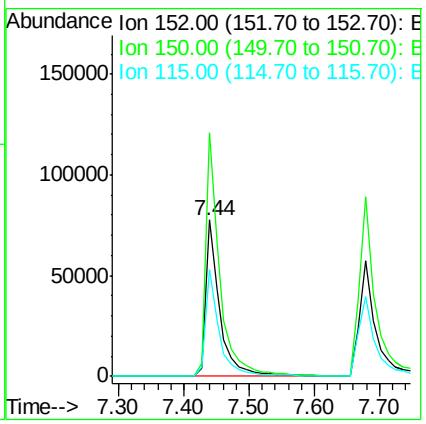


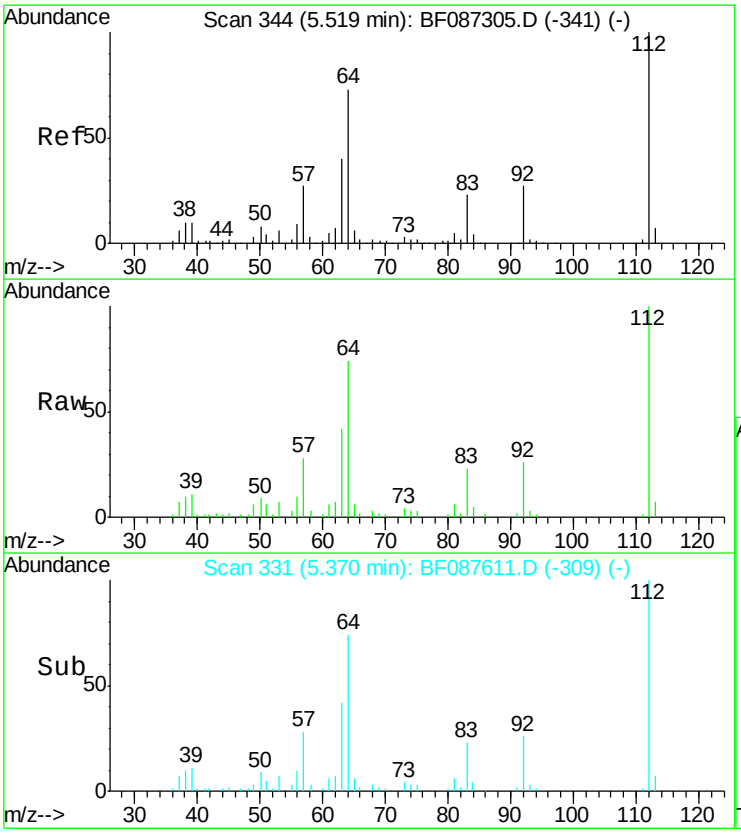
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.08 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:152 Resp: 116239

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.8	188.6
115	68.6	51.5	77.3

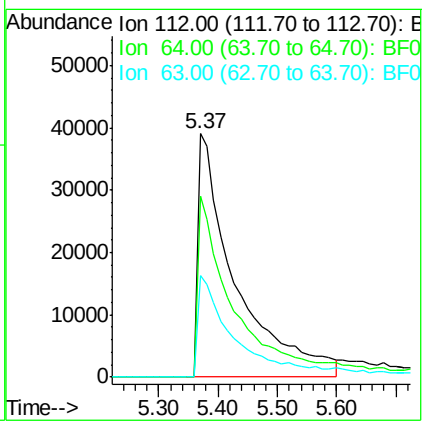


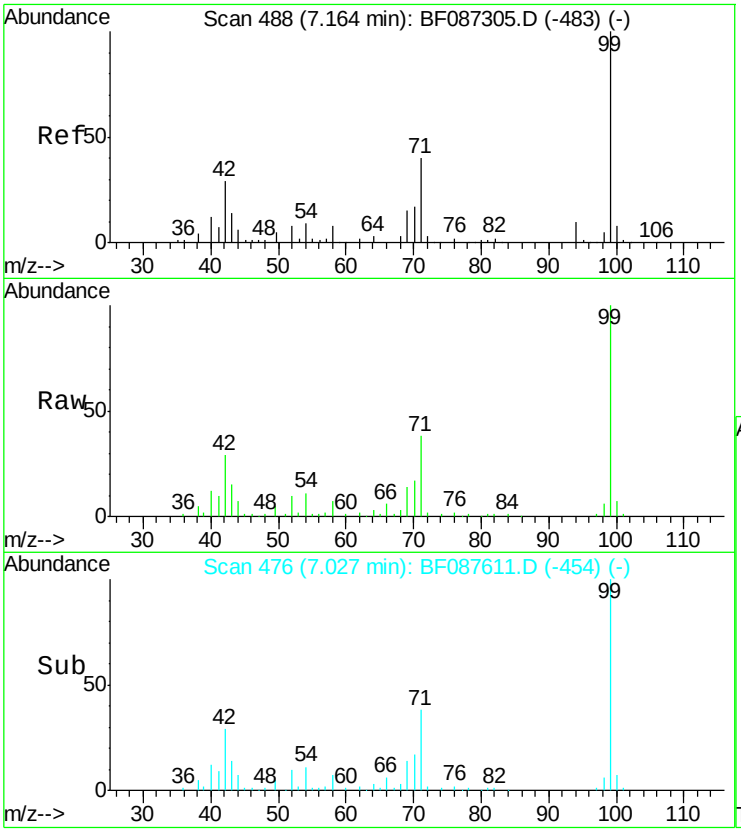


#5
2-Fluorophenol
Concen: 26.09 ng
RT: 5.37 min Scan# 331
Delta R.T. -0.05 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:112 Resp: 172568

Ion	Ratio	Lower	Upper
112	100		
64	74.2	52.1	78.1
63	41.9	25.7	38.5#



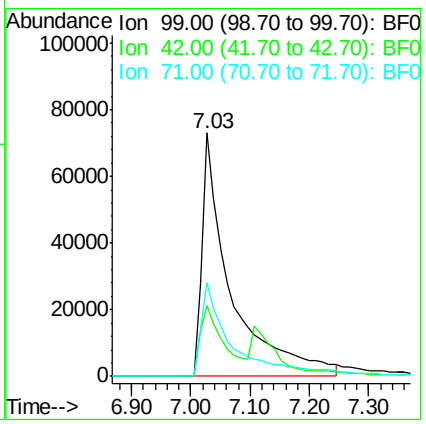


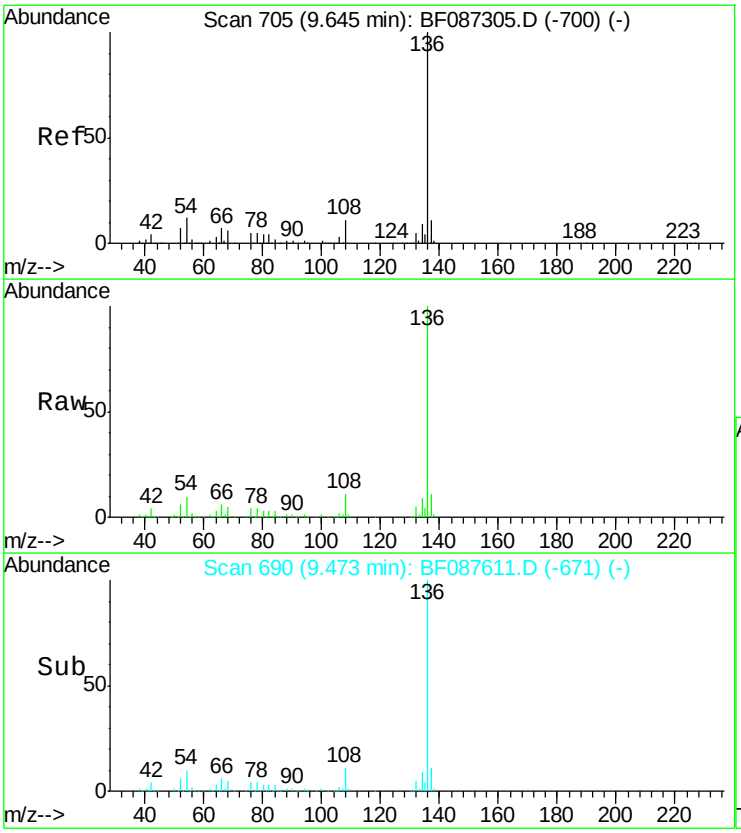
#7
Phenol-d6
Concen: 27.83 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion: 99 Resp: 248761

Ion	Ratio	Lower	Upper
99	100		
42	28.9	13.6	20.4#
71	38.3	24.6	36.8#

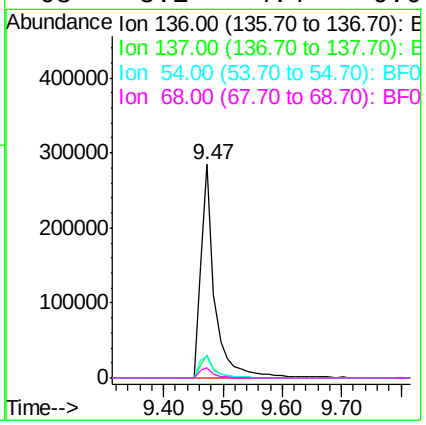


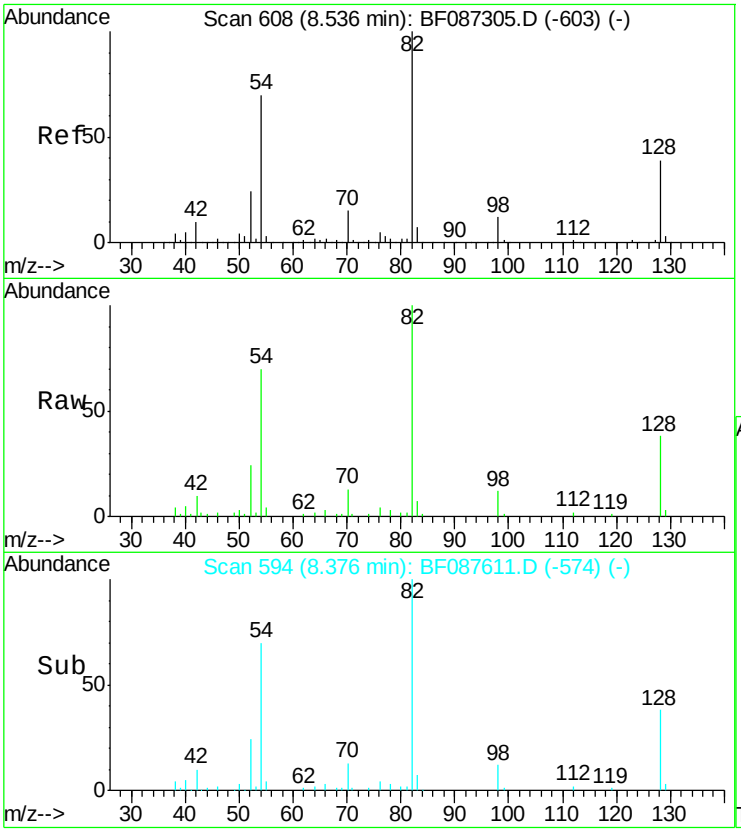


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:136 Resp: 471596

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	5.0	7.4#
68	5.1	4.4	6.6



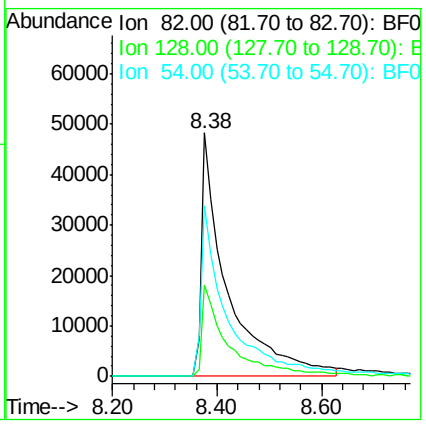


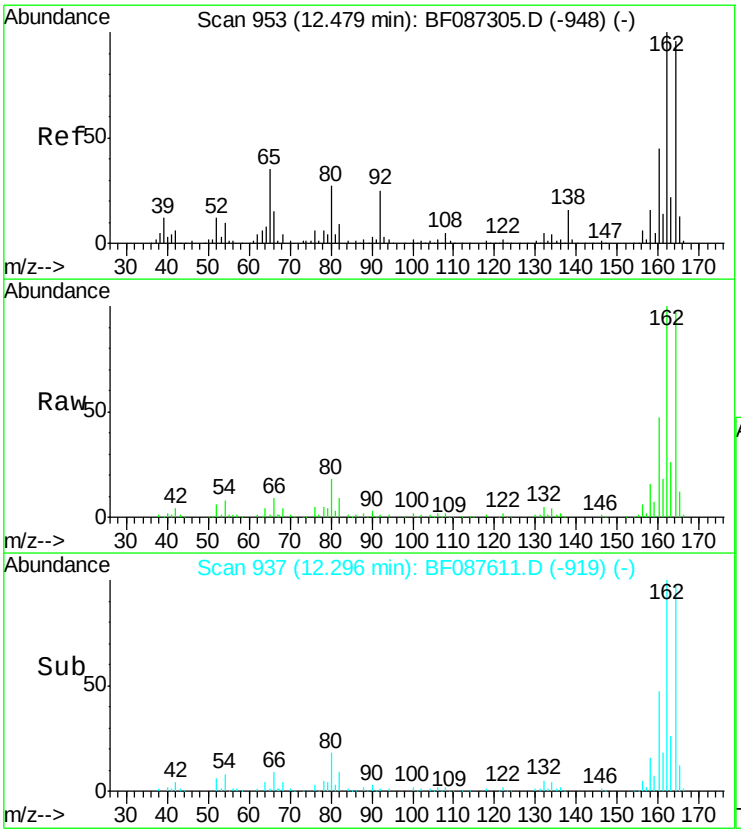
#23
Nitrobenzene-d5
Concen: 17.78 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.07 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion: 82 Resp: 166335

Ion	Ratio	Lower	Upper
82	100		
128	37.7	40.6	61.0#
54	70.3	38.1	57.1#

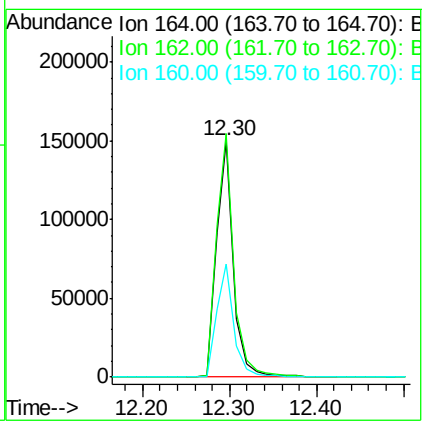


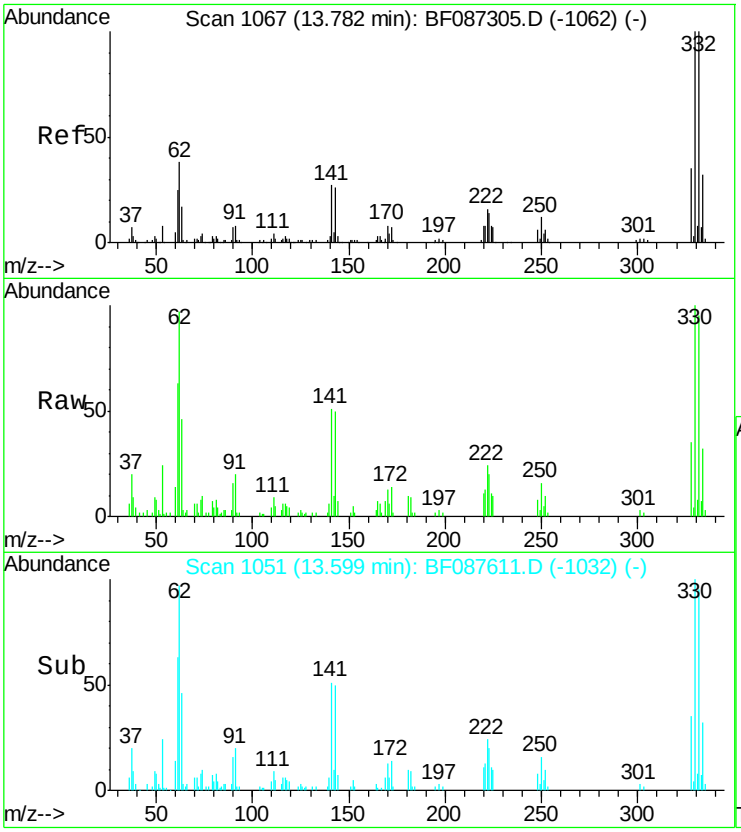


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:164 Resp: 204180

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	48.0	36.9	55.3



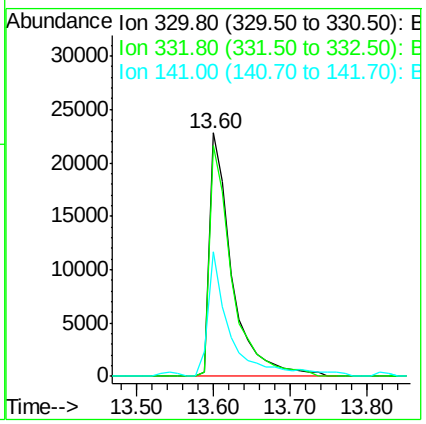


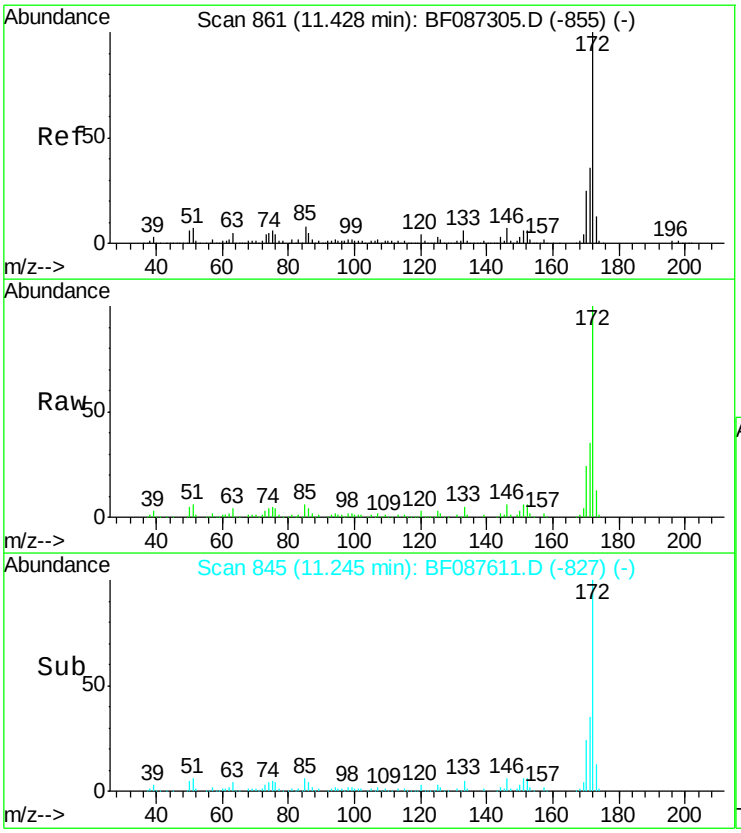
#41
2,4,6-Tribromophenol
Concen: 23.49 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.08 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:330 Resp: 46083

Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.0	118.4
141	51.5	31.2	46.8#

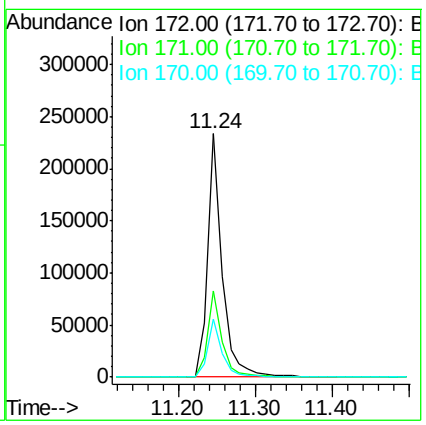


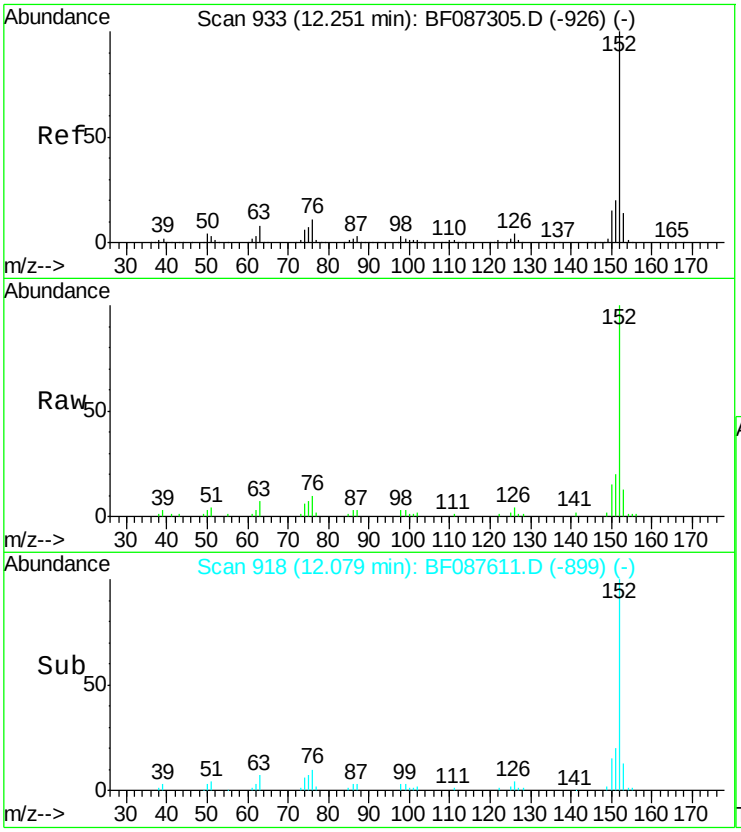


#44
2-Fluorobiphenyl
Concen: 21.03 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.09 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:172 Resp: 304617

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.6	19.8	29.8



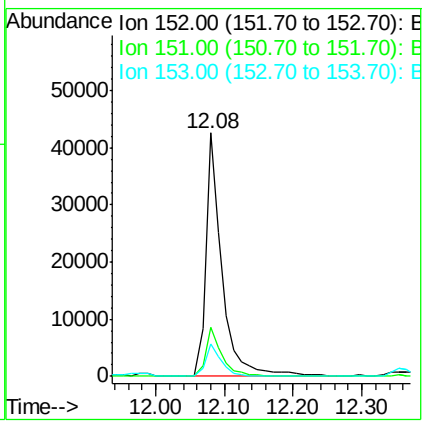


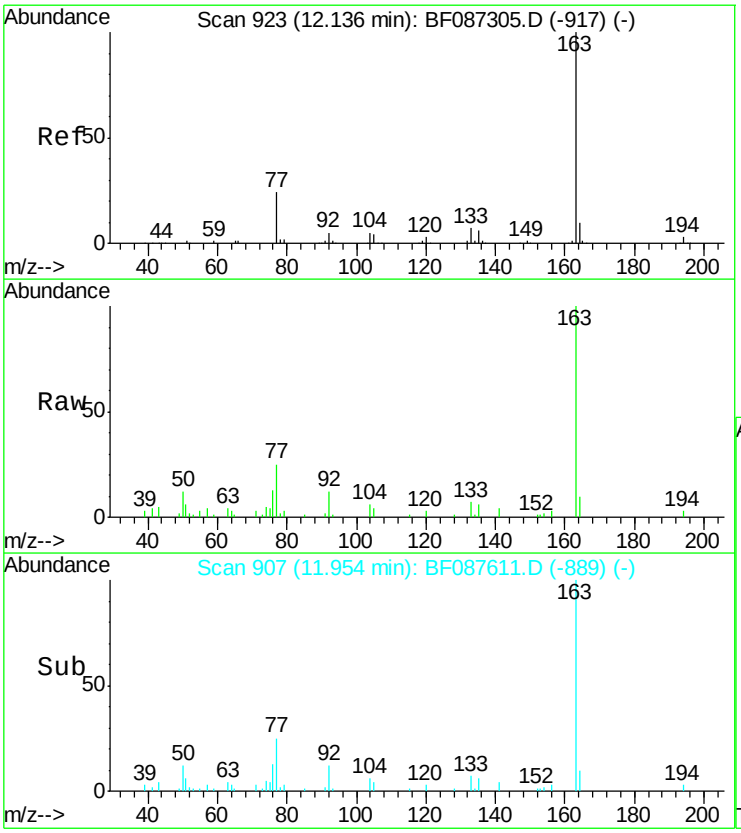
#48
Acenaphthylene
Concen: 3.34 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.08 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:152 Resp: 69509

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.4	10.9	16.3

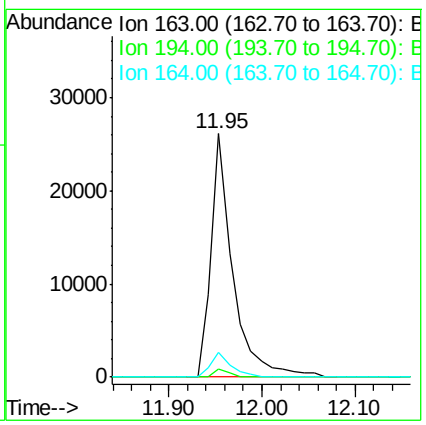


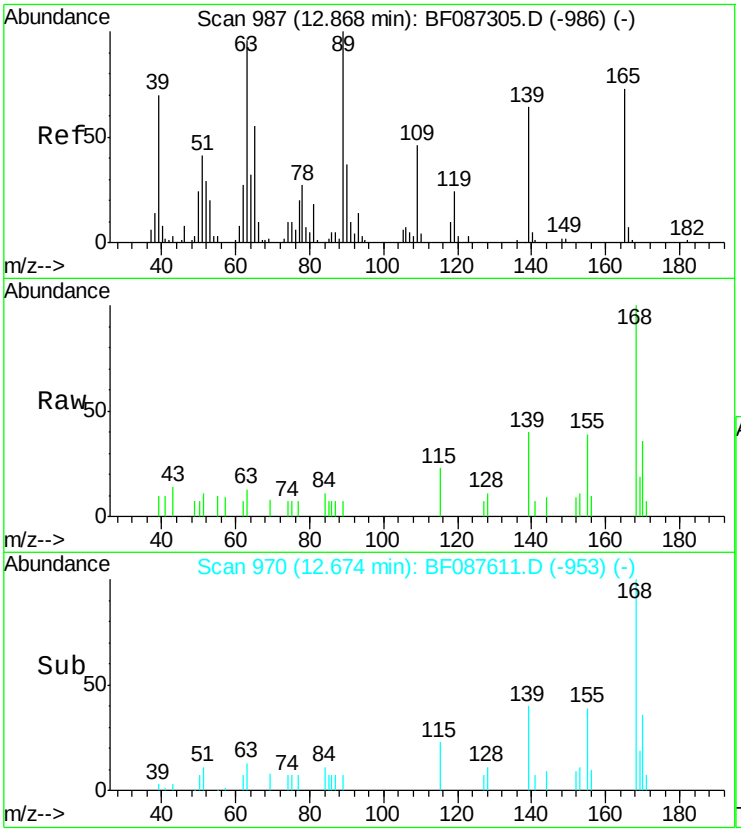


#49
Dimethylphthalate
Concen: 2.59 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.09 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:163 Resp: 42439

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.9	8.2	12.4



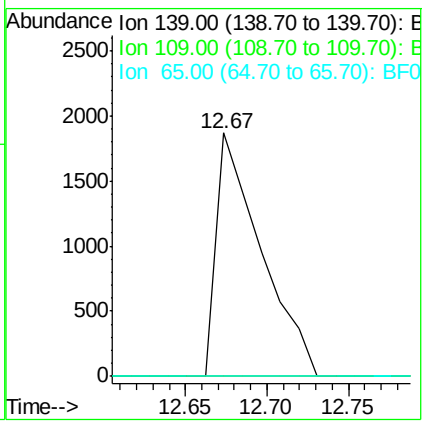


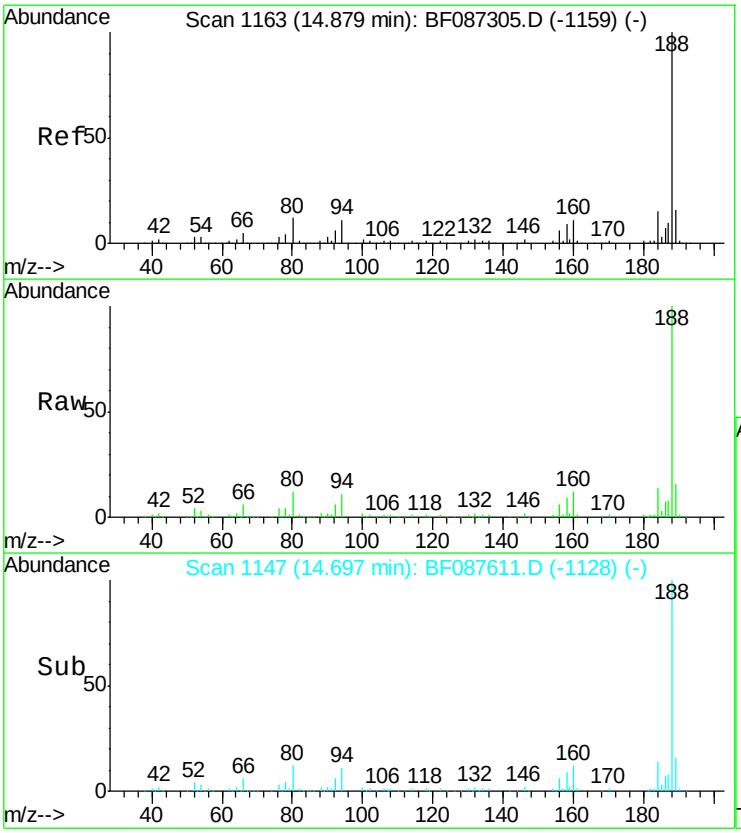
#55
4-Nitrophenol
Concen: 2.20 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.10 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:139 Resp: 3547

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

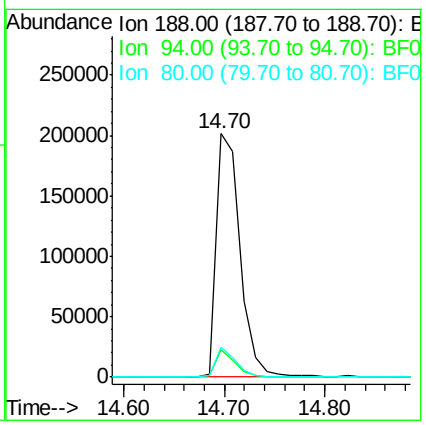


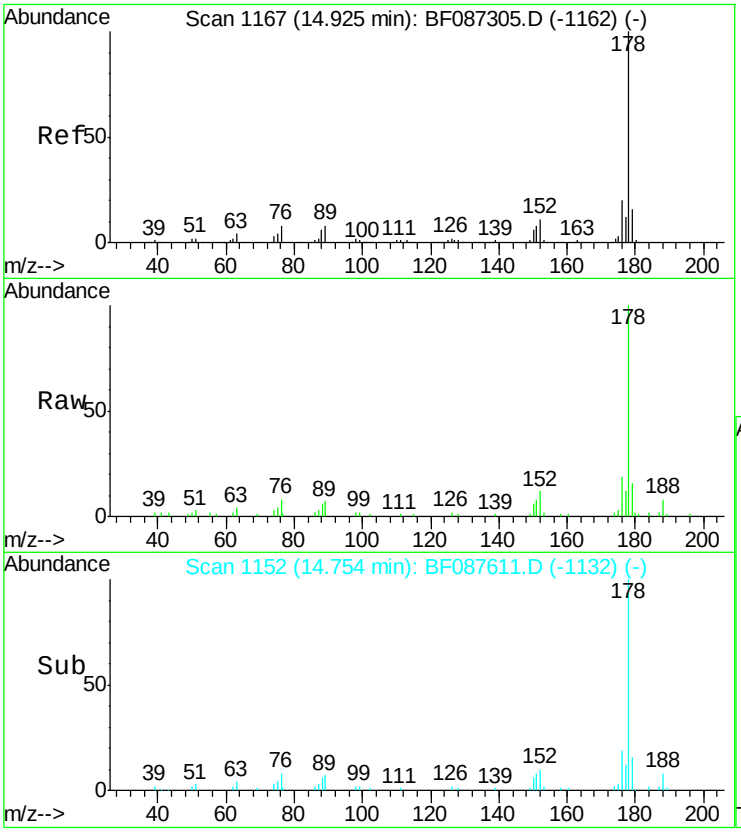


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.08 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:188 Resp: 332054

Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.8	10.2#
80	12.0	7.1	10.7#



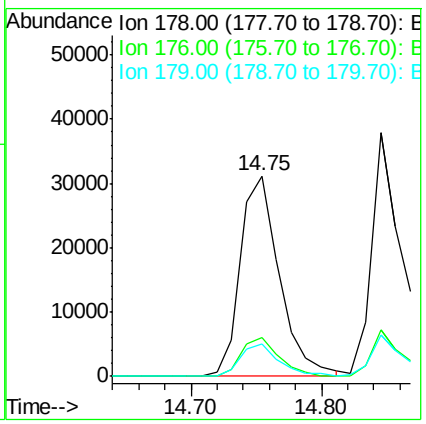


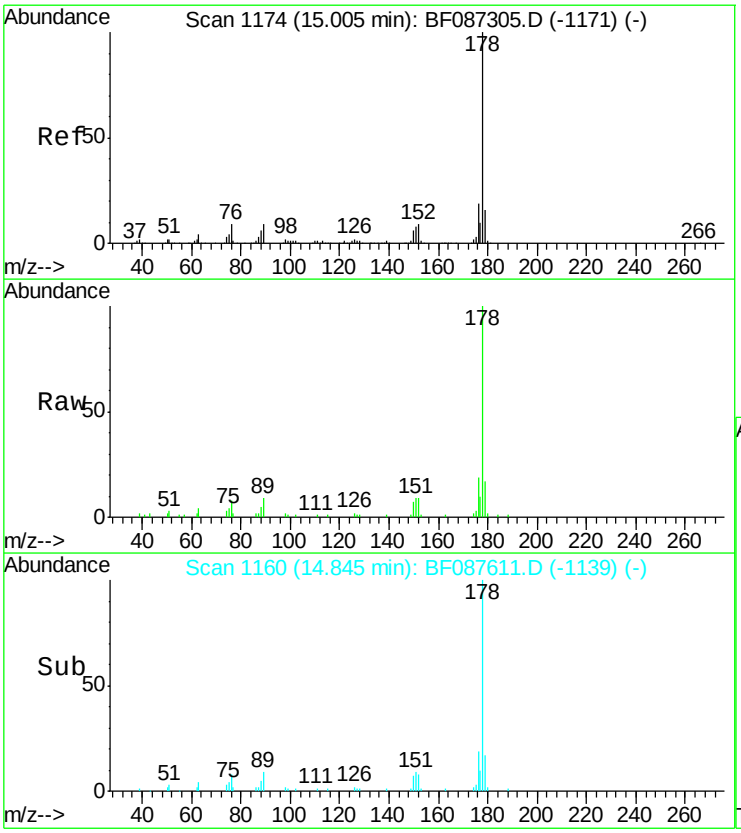
#70
Phenanthrene
Concen: 3.53 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.07 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:178 Resp: 64949

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.9	12.6	18.8

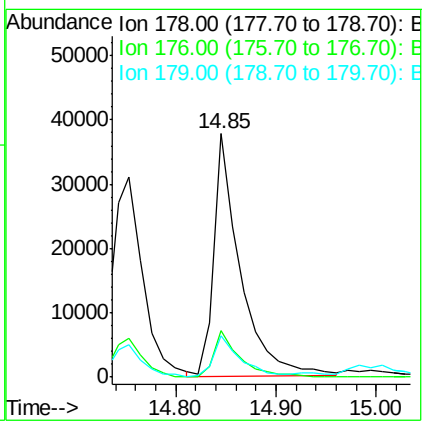


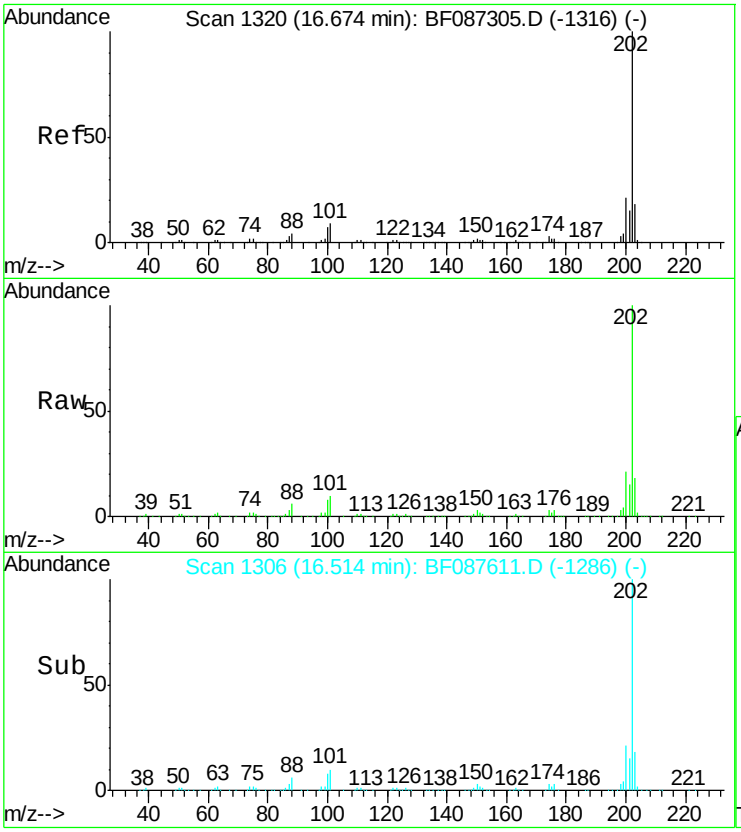


#71
Anthracene
Concen: 3.72 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.06 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:178 Resp: 69161

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.8	12.7	19.1



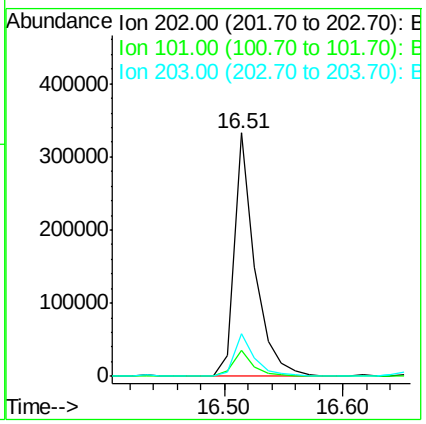


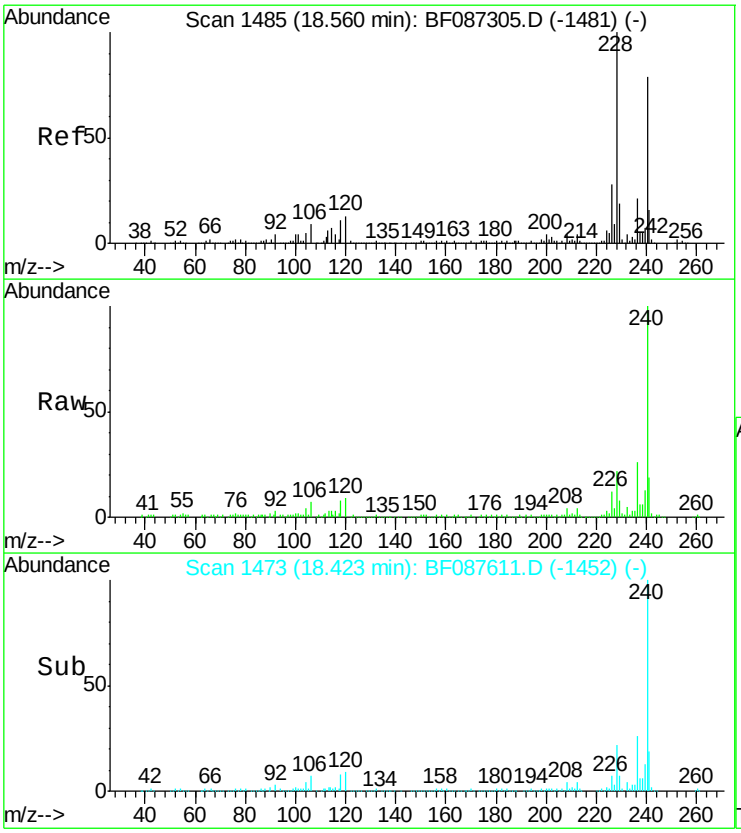
#74
Fluoranthene
Concen: 21.90 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:202 Resp: 403927

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	35.4
203	17.7	0.0	38.1

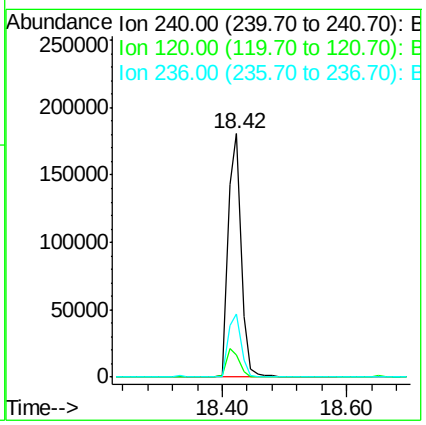


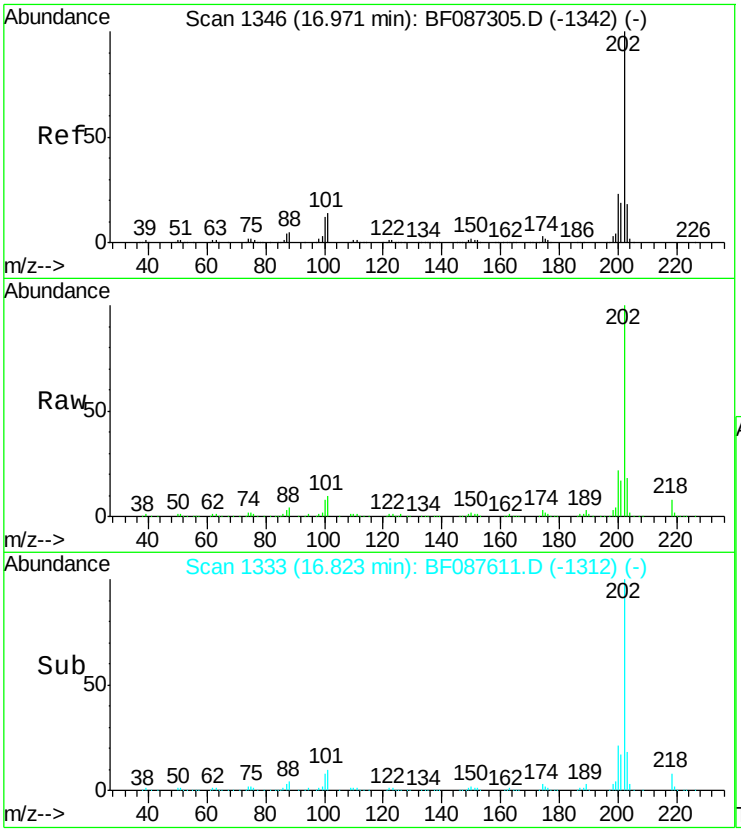


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:240 Resp: 264157

Ion	Ratio	Lower	Upper
240	100		
120	9.1	11.2	16.8#
236	25.8	21.2	31.8



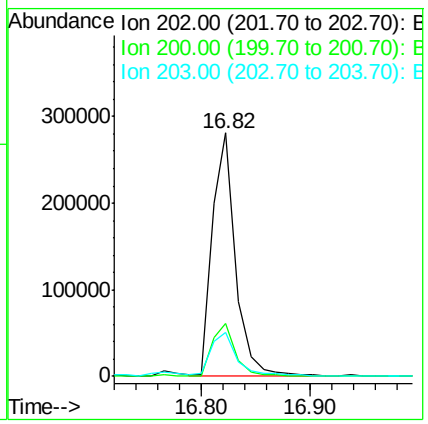


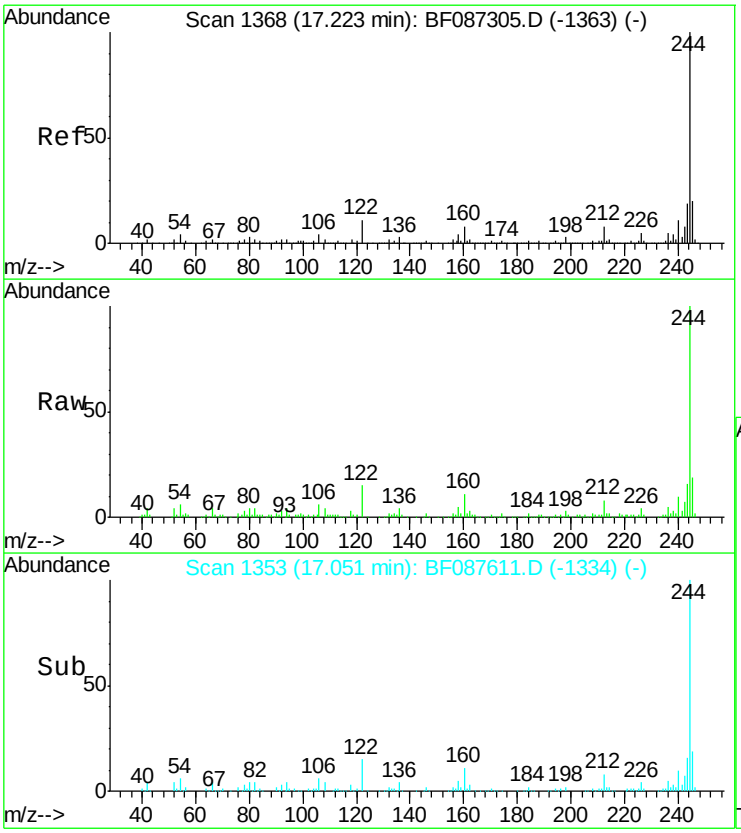
#77
Pyrene
Concen: 21.77 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.06 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:202 Resp: 414017

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.9	14.2	21.4

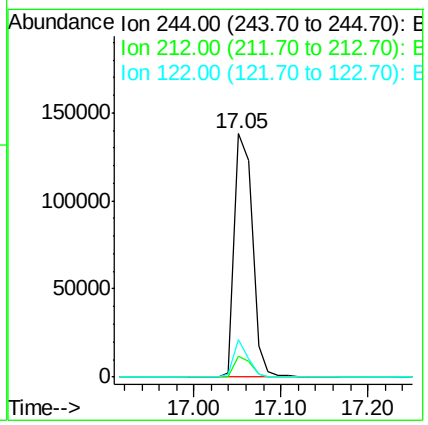


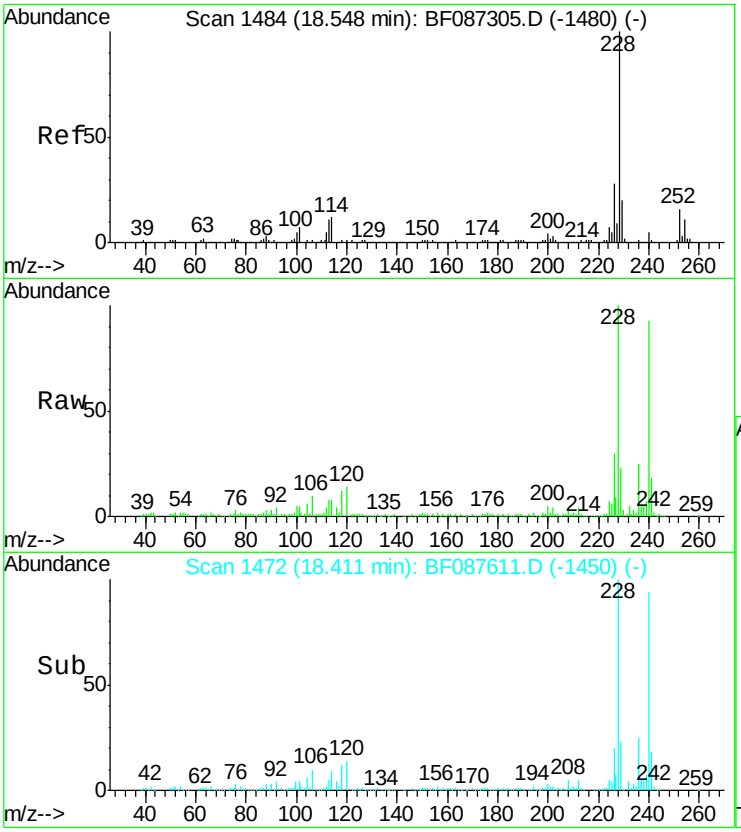


#78
Terphenyl-d14
Concen: 15.92 ng
RT: 17.05 min Scan# 1353
Delta R.T. -0.08 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:244 Resp: 197860

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	15.3	12.0	18.0



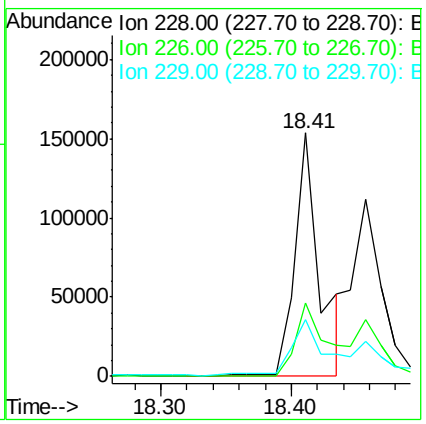


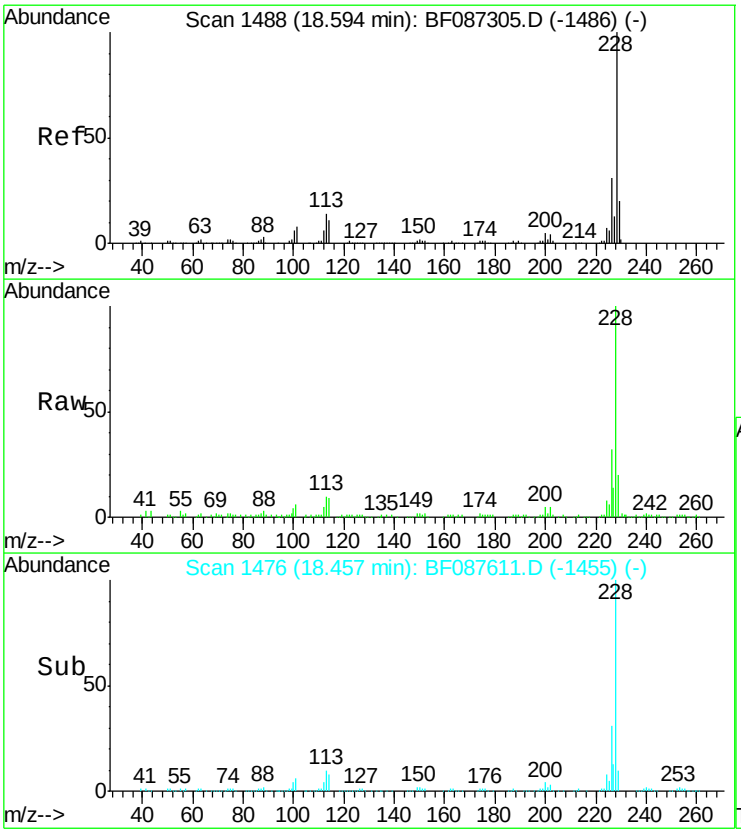
#80
Benzo(a)anthracene
Concen: 13.54 ng
RT: 18.41 min Scan# 1472
Delta R.T. -0.05 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:228 Resp: 203491

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.5	33.7
229	23.5	16.6	25.0

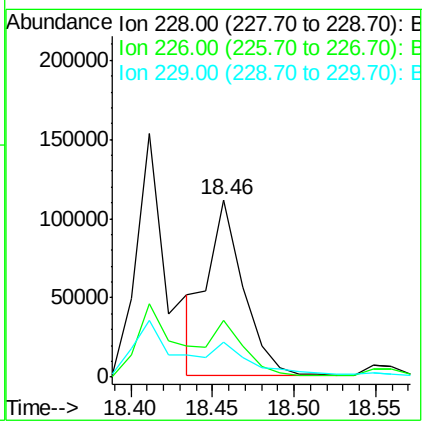


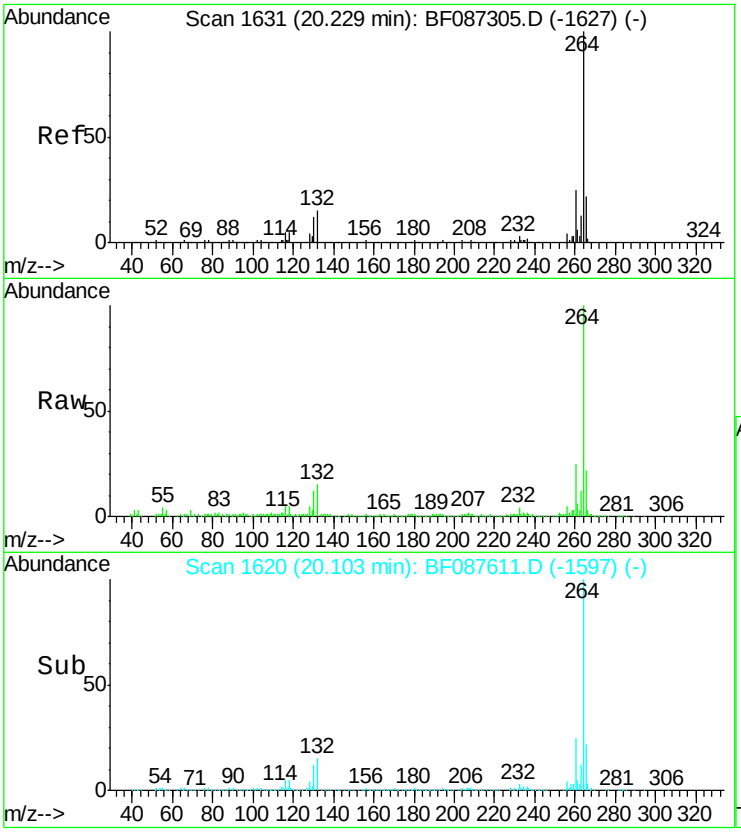


#82
Chrysene
Concen: 11.43 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.06 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:228 Resp: 170460

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	19.6	15.8	23.8



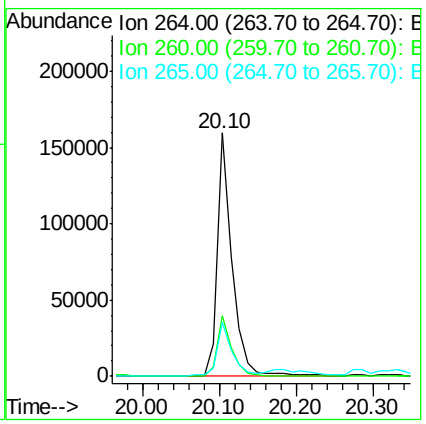


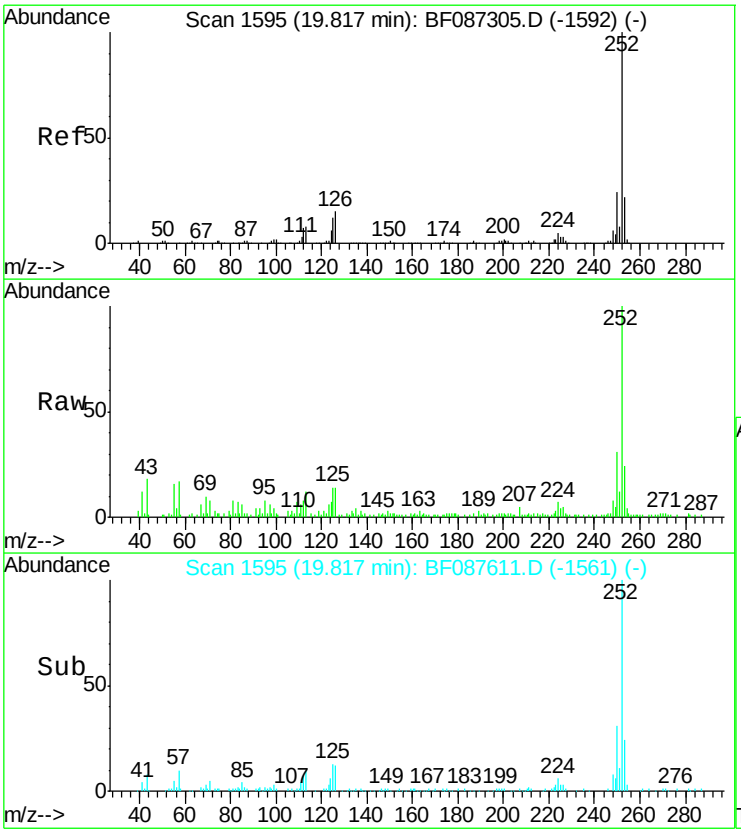
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.10 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:264 Resp: 214882

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.3	17.3	25.9

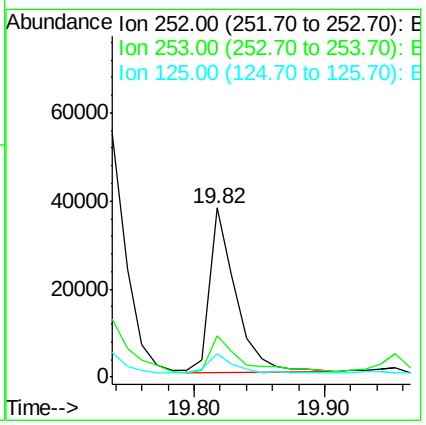


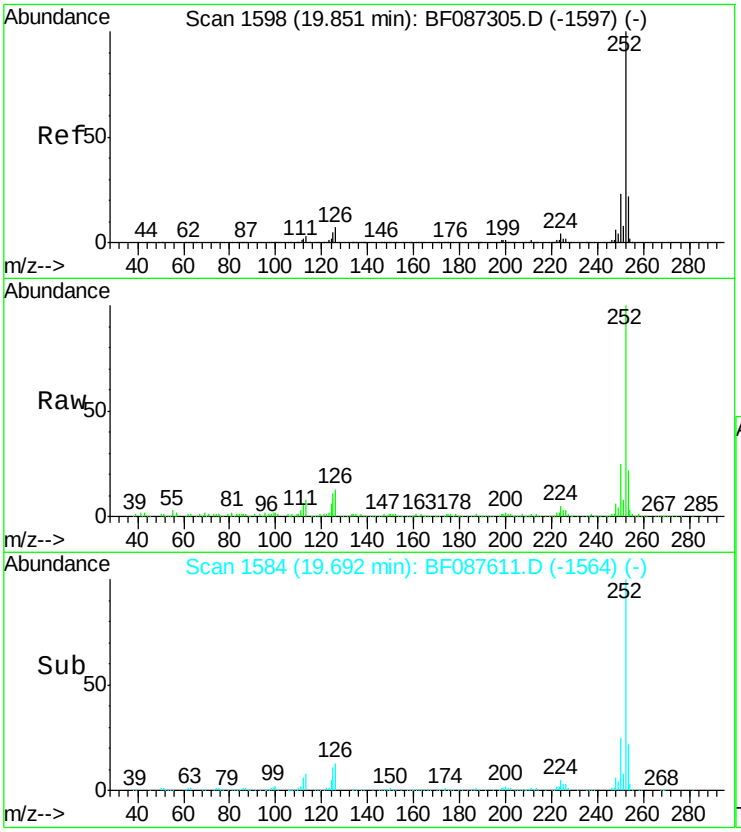


#87
Benzo(b)fluoranthene
Concen: 3.82 ng
RT: 19.82 min Scan# 1595
Delta R.T. 0.09 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:252 Resp: 52272

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	14.1	11.4	17.0



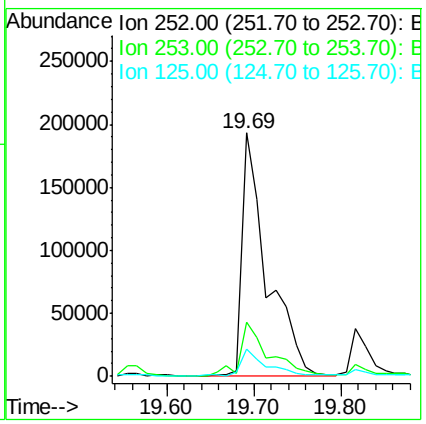


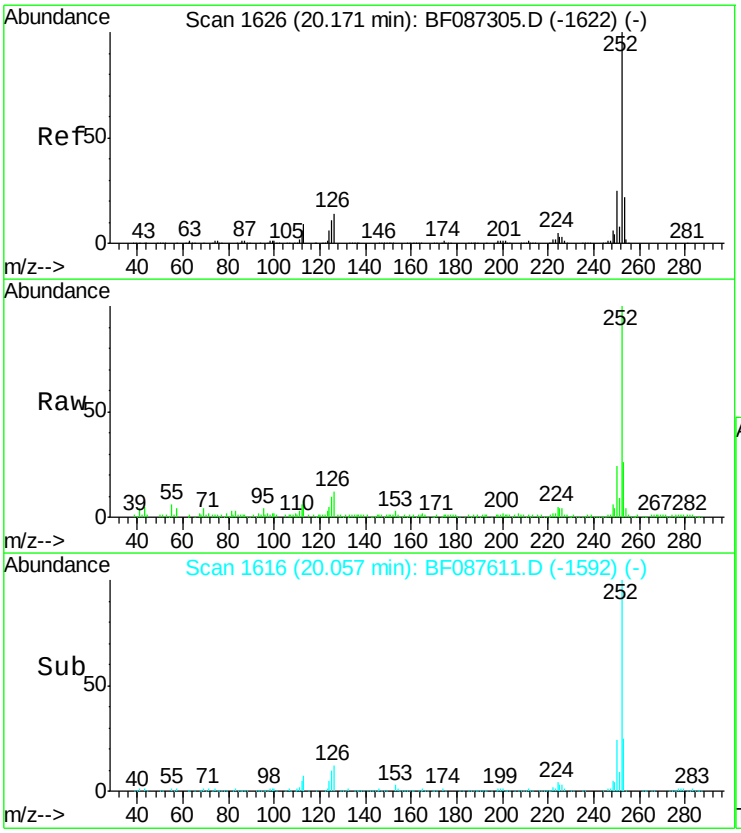
#88
Benzo(k)fluoranthene
Concen: 32.50 ng
RT: 19.69 min Scan# 1584
Delta R.T. -0.07 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:252 Resp: 382927

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.2	9.1	13.7

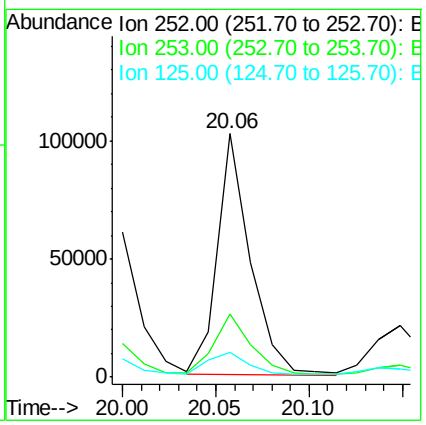


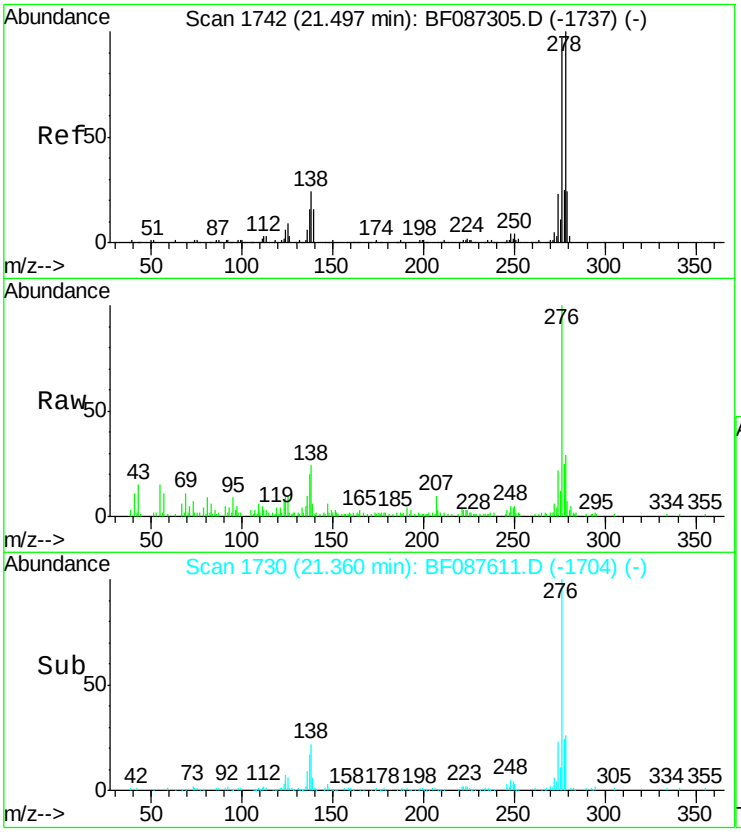


#89
Benzo(a)pyrene
Concen: 10.76 ng
RT: 20.06 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:252 Resp: 127346

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8#
125	10.4	9.0	13.6



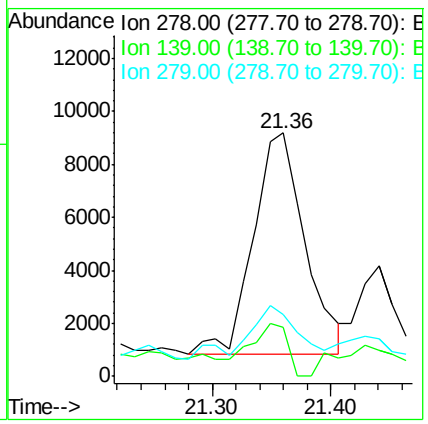


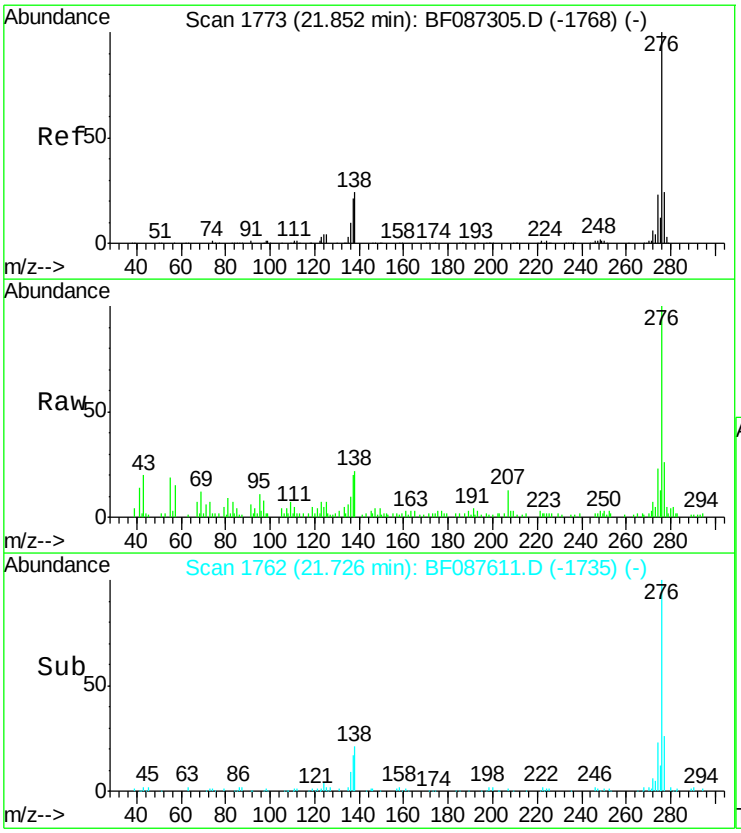
#90
Dibenzo(a,h)anthracene
Concen: 2.49 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1711(0-4)

Tgt Ion:278 Resp: 25135

Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.6	24.8
279	25.3	19.6	29.4





#91
Benzo(g,h,i)perylene
Concen: 6.80 ng
RT: 21.73 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF087611.D
Acq: 1 Jun 2016 8:19

Tgt Ion:276 Resp: 67753

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.6	29.4
138	21.8	23.6	35.4#