Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087613.D
Acq On : 1 Jun 2016 9:27
Operator : UM/SJ
Sample : H3190-07DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1699(0-4)

Quant Time: Jun 01 13:35:59 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	101687	20.00	ng	-0.08
21) Naphthalene-d8	9.47	136	413727	20.00	ng	-0.08
38) Acenaphthene-d10	12.30	164	177630	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	276379	20.00	ng	-0.07
75) Chrysene-d12	18.42	240	221605	20.00	ng	-0.06
86) Perylene-d12	20.10	264	179111	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	41441	7.16	ng	0.02
7) Phenol-d6	7.07	99	77422	9.90	ng	0.00
23) Nitrobenzene-d5	8.42	82	52396	6.38	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	15141	8.87	ng	-0.06
44) 2-Fluorobiphenyl	11.24	172	116112	9.22	ng	-0.09
78) Terphenyl-d14	17.06	244	77474	7.43	ng	-0.07
Target Compounds						Qvalue
55) 4-Nitrophenol	12.70	139	3039	2.16	ng	# 1
70) Phenanthrene	14.75	178	81775	5.34	ng	97
71) Anthracene	14.75	178	81775	5.29	ng	98
74) Fluoranthene	16.51	202	285860	18.62	ng	94
77) Pyrene	16.82	202	225906	14.16	ng	98
80) Benzo(a)anthracene	18.41	228	129551	10.28	ng	100
82) Chrysene	18.46	228	105632	8.44	ng	99
88) Benzo(k)fluoranthene	19.70	252	167147	17.02	ng	99
89) Benzo(a)pyrene	20.06	252	63261	6.41	ng	96
91) Benzo(g,h,i)perylene	21.75	276	25975	3.13	ng	92

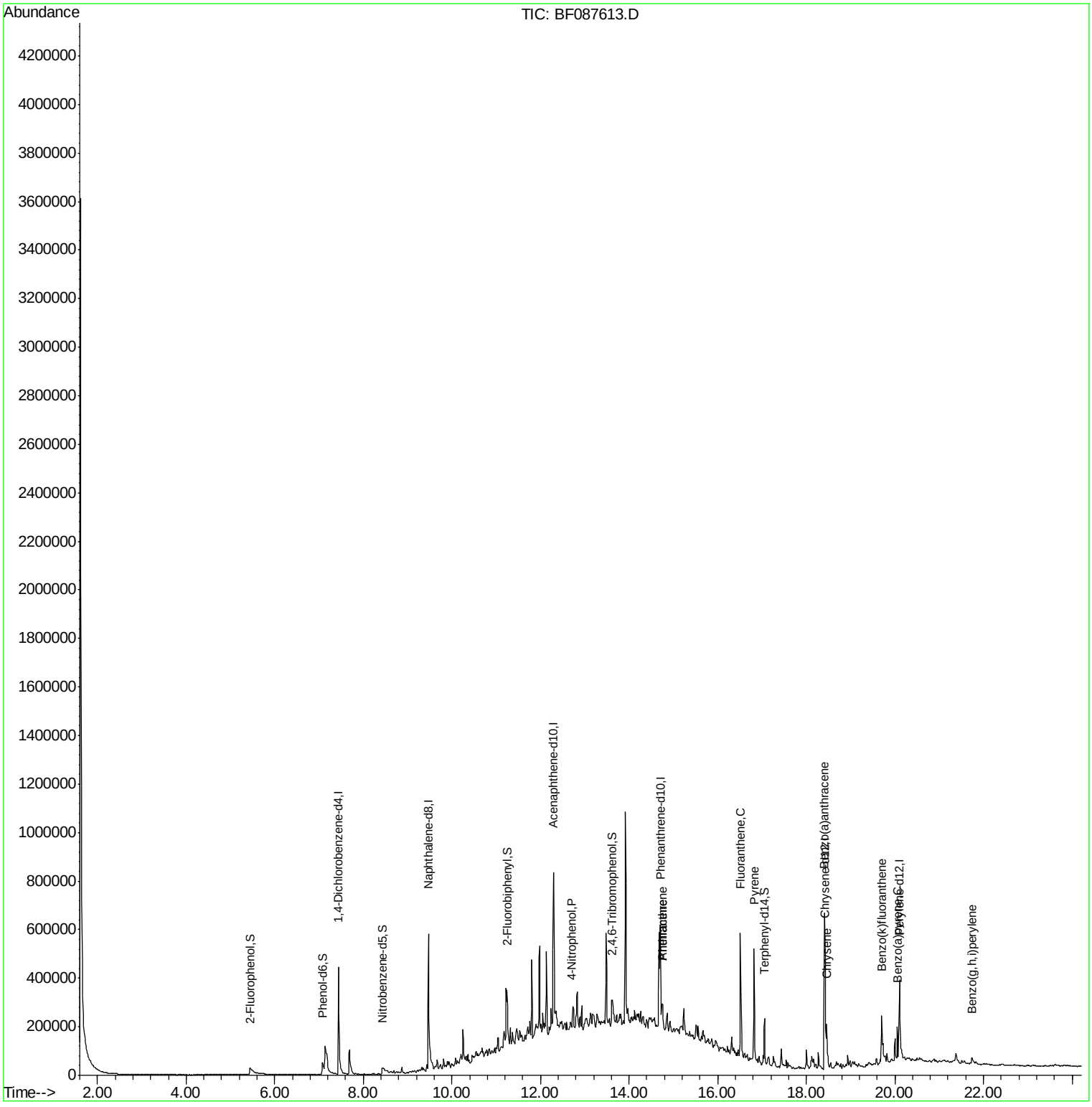
(#) = qualifier out of range (m) = manual integration (+) = signals summed

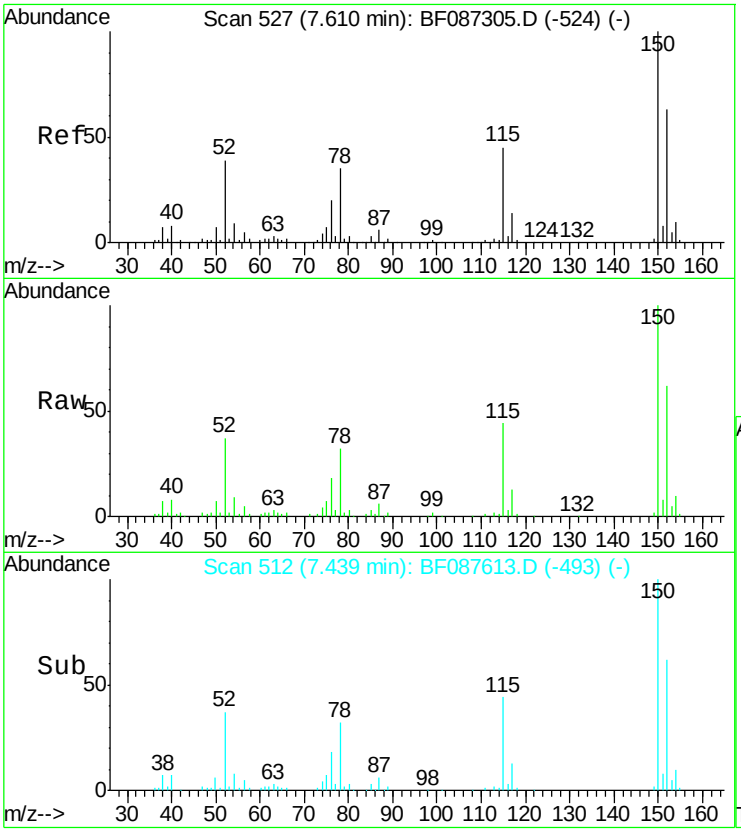
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
Data File : BF087613.D
Acq On : 1 Jun 2016 9:27
Operator : UM/SJ
Sample : H3190-07DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Quant Time: Jun 01 13:35:59 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



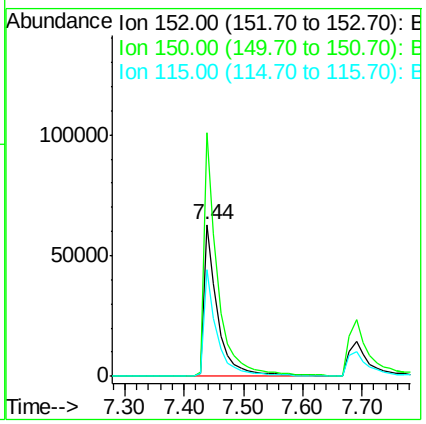


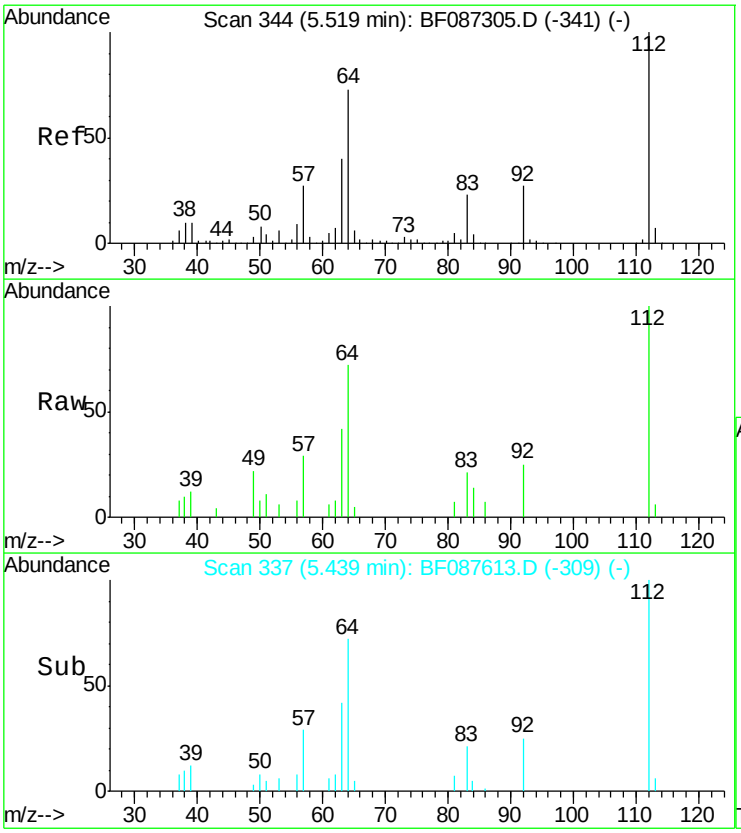
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.08 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:152 Resp: 101687

Ion	Ratio	Lower	Upper
152	100		
150	160.4	125.8	188.6
115	69.9	51.5	77.3

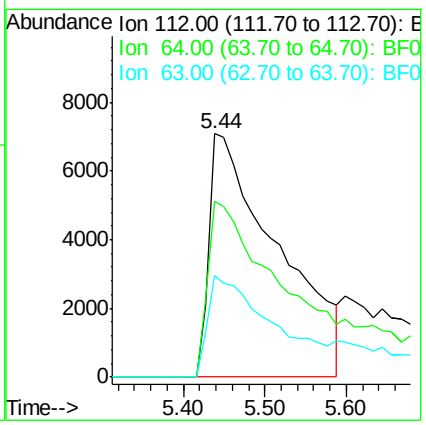


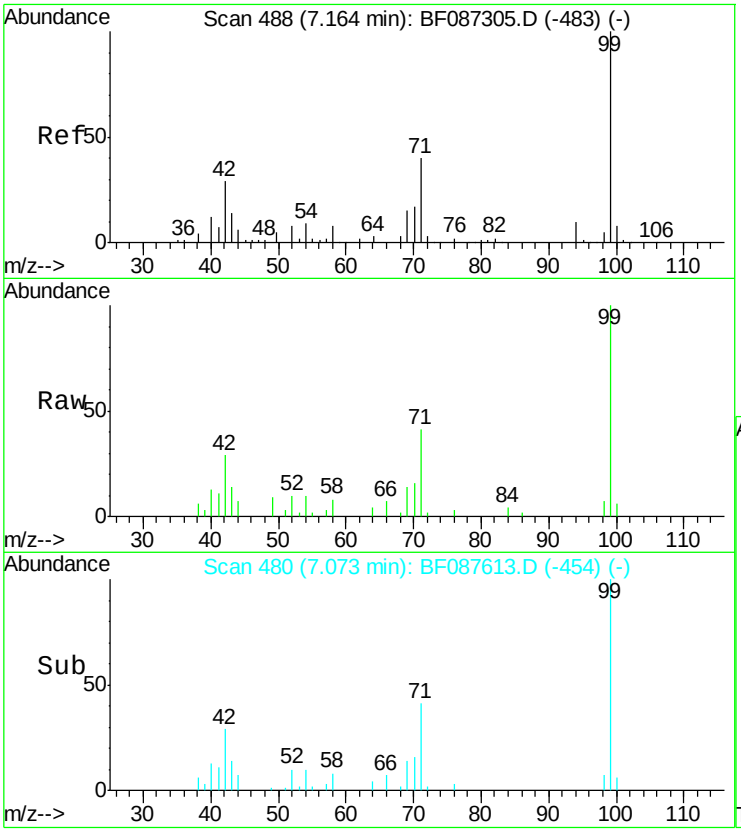


#5
2-Fluorophenol
Concen: 7.16 ng
RT: 5.44 min Scan# 337
Delta R.T. 0.02 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:112 Resp: 41441

Ion	Ratio	Lower	Upper
112	100		
64	72.2	52.1	78.1
63	41.6	25.7	38.5#



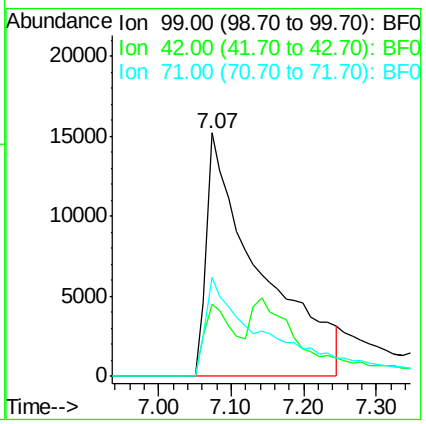


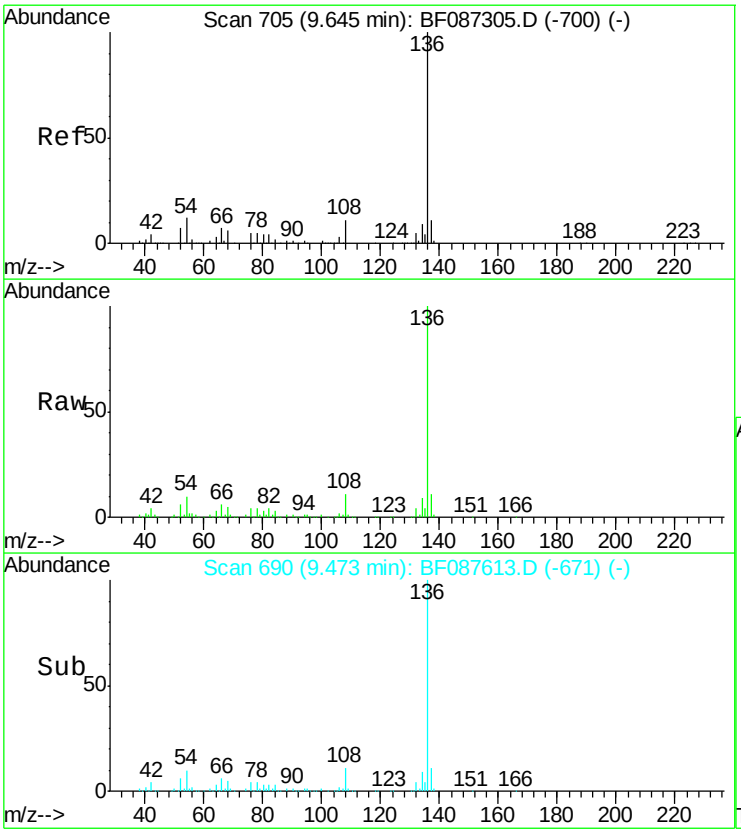
#7
Phenol-d6
Concen: 9.90 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion: 99 Resp: 77422

Ion	Ratio	Lower	Upper
99	100		
42	29.5	13.6	20.4#
71	40.5	24.6	36.8#

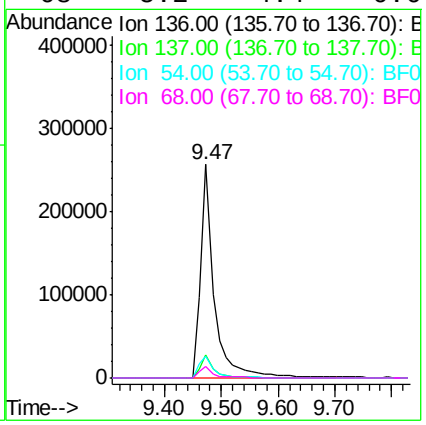


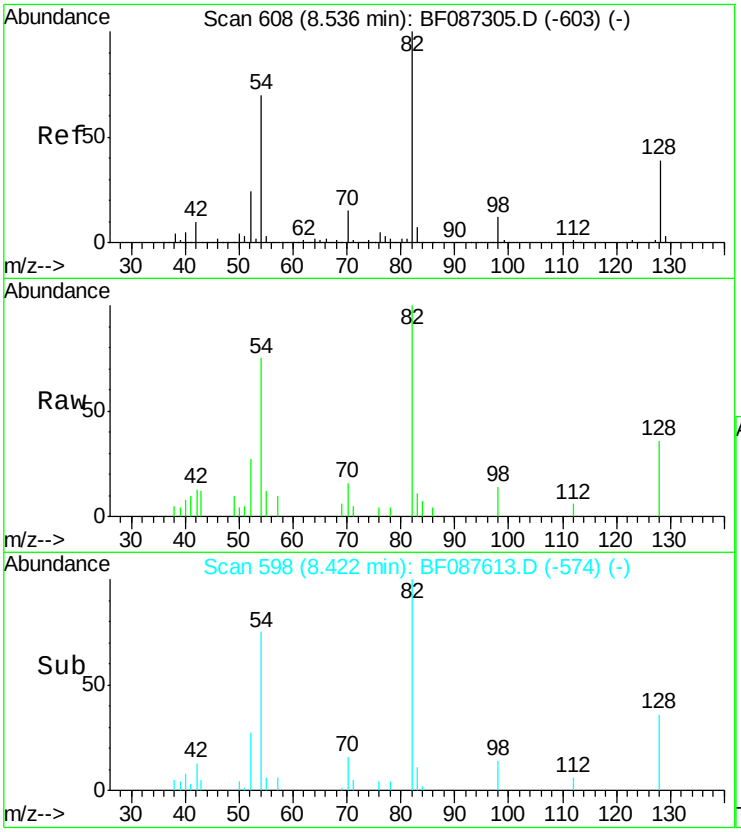


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.08 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:136 Resp: 413727

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	5.0	7.4#
68	5.2	4.4	6.6



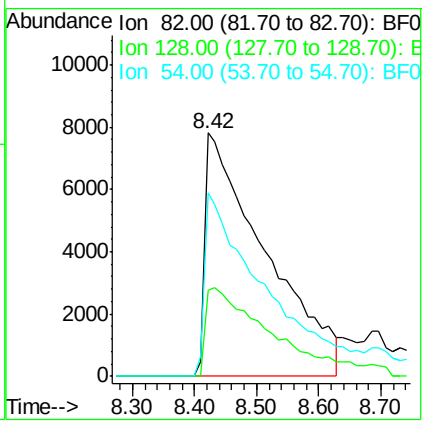


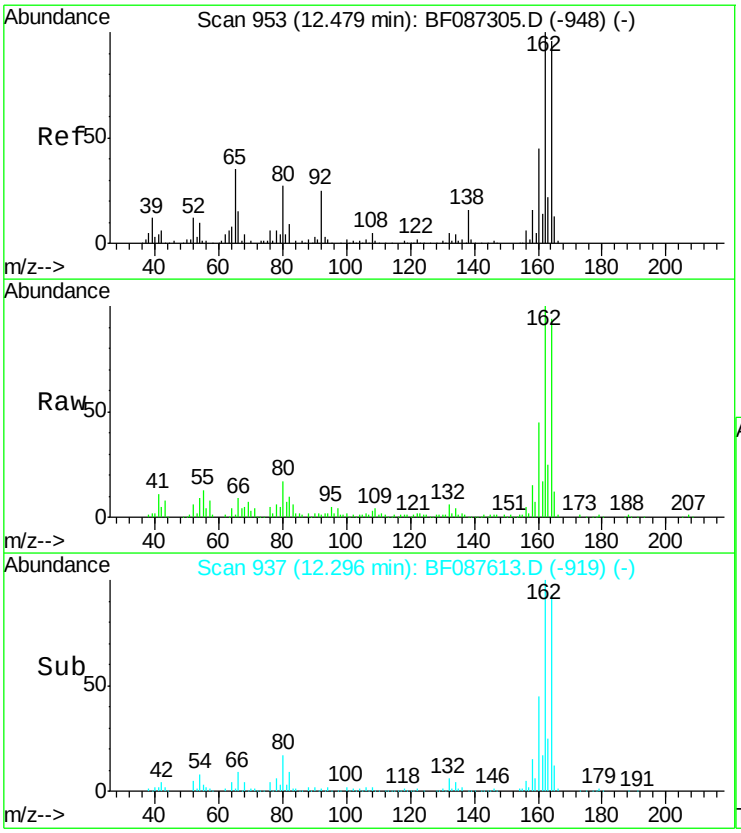
#23
Nitrobenzene-d5
Concen: 6.38 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion: 82 Resp: 52396

Ion	Ratio	Lower	Upper
82	100		
128	35.6	40.6	61.0#
54	75.4	38.1	57.1#

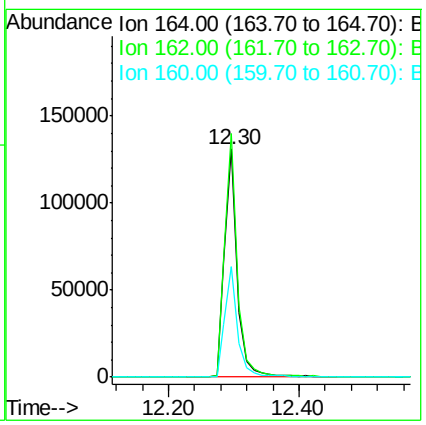


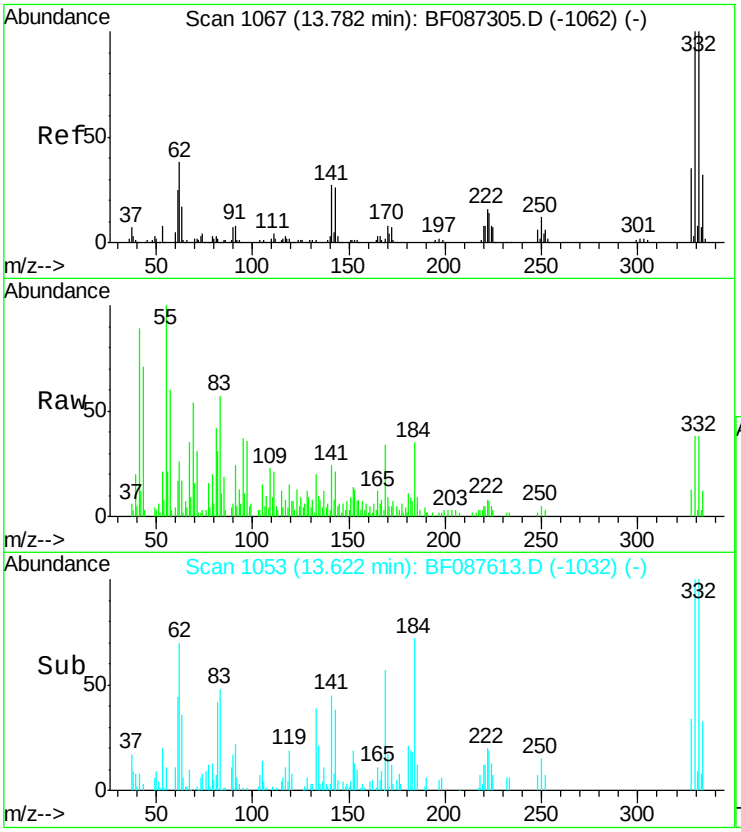


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.09 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:164 Resp: 177630

Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.8	124.2
160	48.3	36.9	55.3



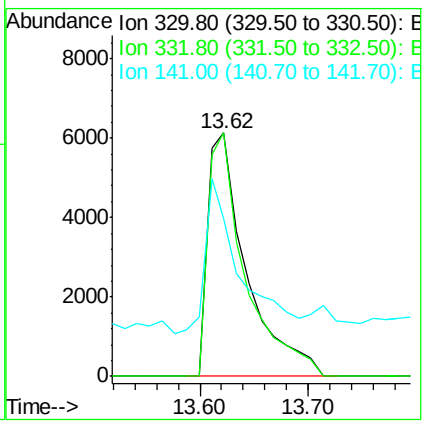


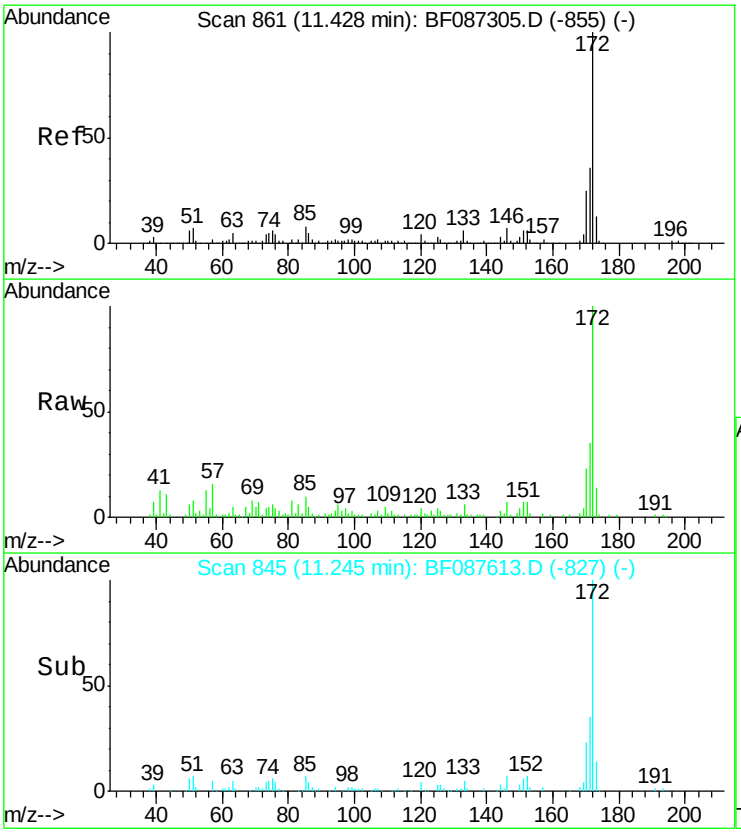
#41
2,4,6-Tribromophenol
Concen: 8.87 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.06 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:330 Resp: 15141

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	58.2	31.2	46.8#

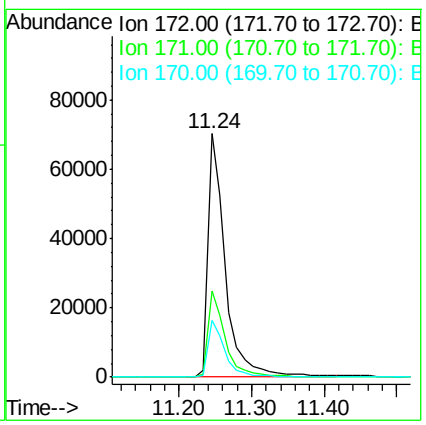


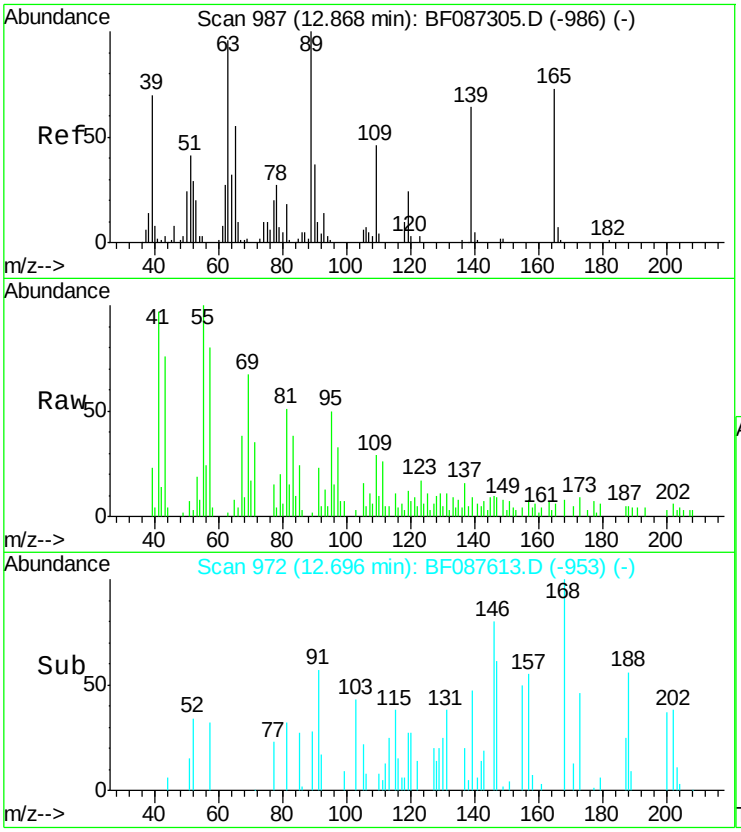


#44
2-Fluorobiphenyl
Concen: 9.22 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.09 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:172 Resp: 116112

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.2	19.8	29.8



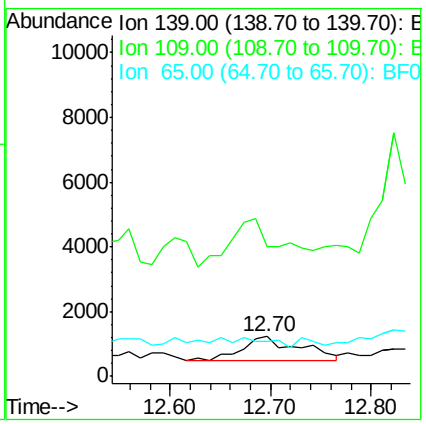


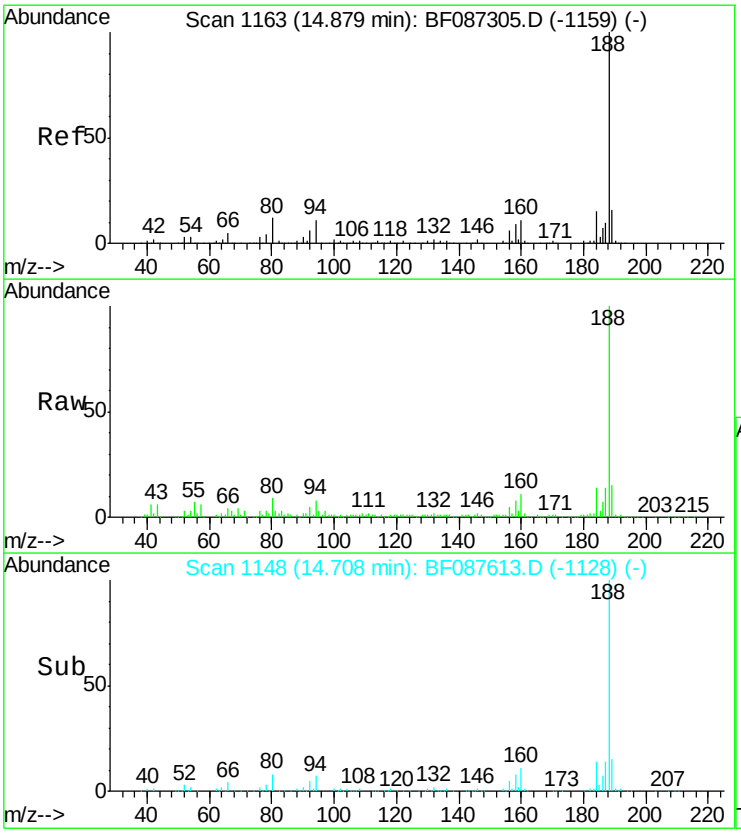
#55
4-Nitrophenol
Concen: 2.16 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.08 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:139 Resp: 3039

Ion	Ratio	Lower	Upper
139	100		
109	324.3	36.9	76.9#
65	87.6	64.0	104.0

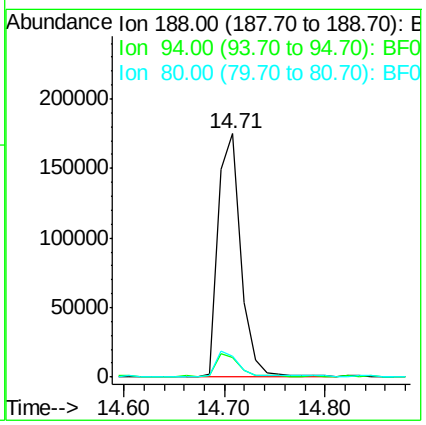


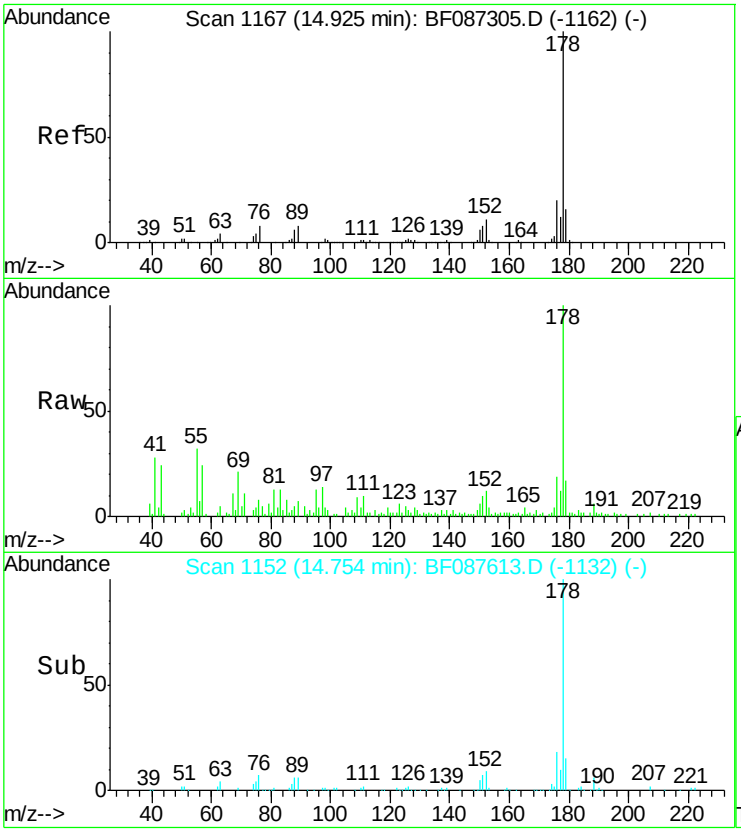


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:188 Resp: 276379

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.8	10.2
80	8.7	7.1	10.7



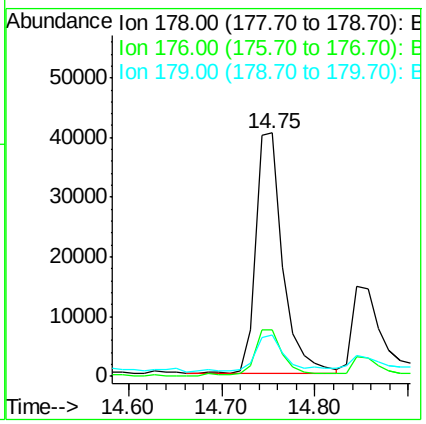


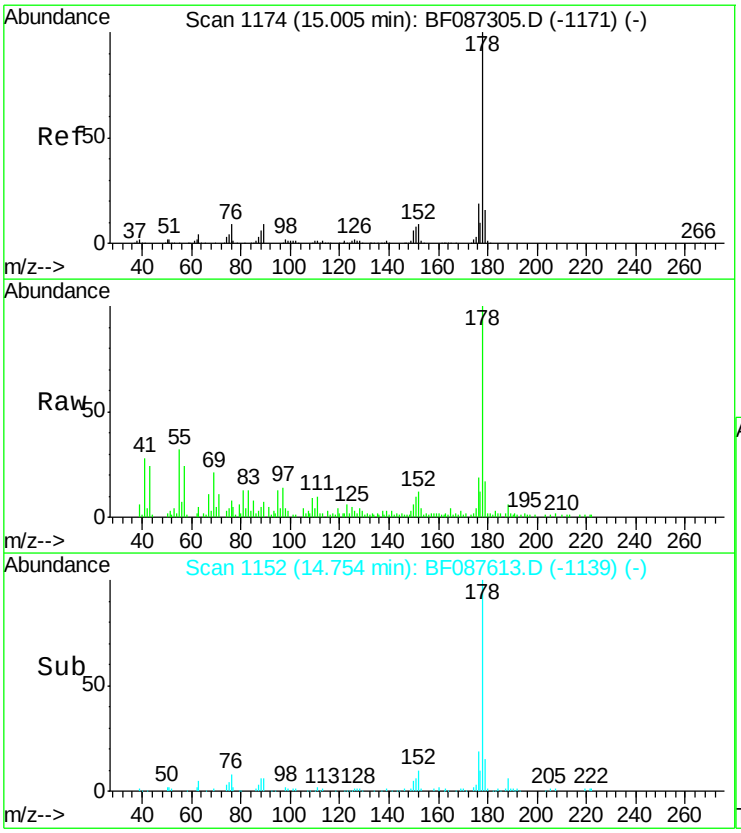
#70
Phenanthrene
Concen: 5.34 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.07 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:178 Resp: 81775

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	17.2	12.6	18.8

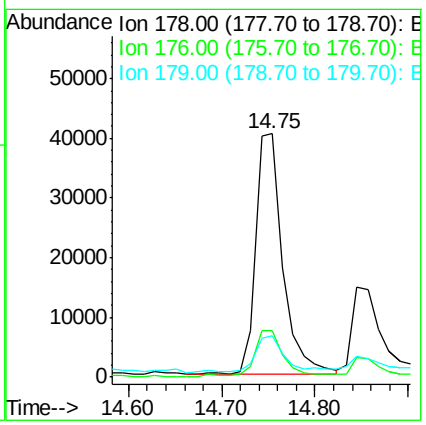


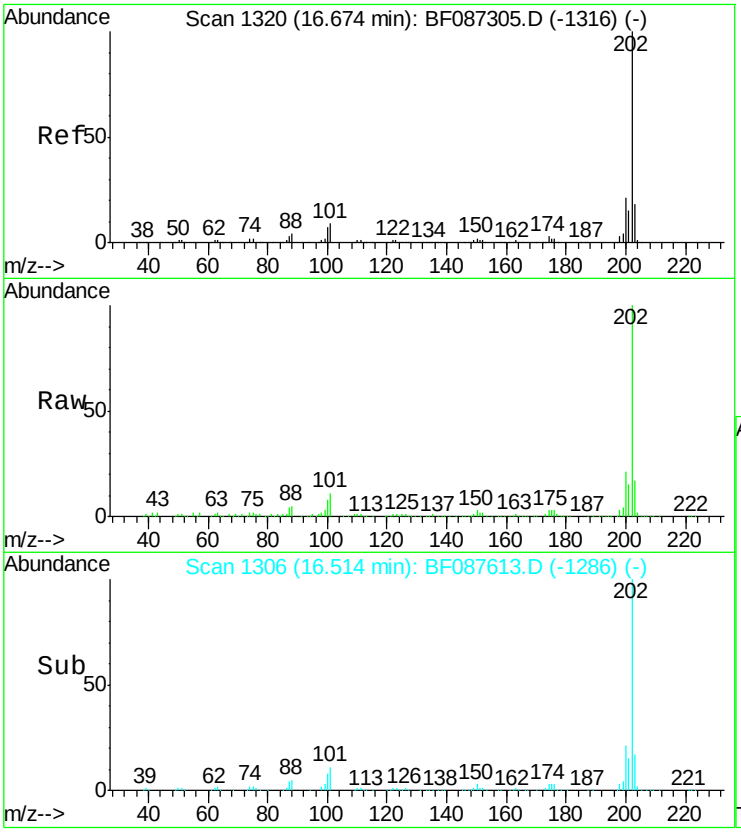


#71
Anthracene
Concen: 5.29 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.15 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:178 Resp: 81775

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	17.2	12.7	19.1



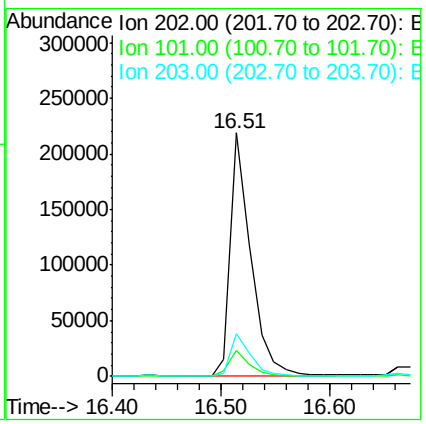


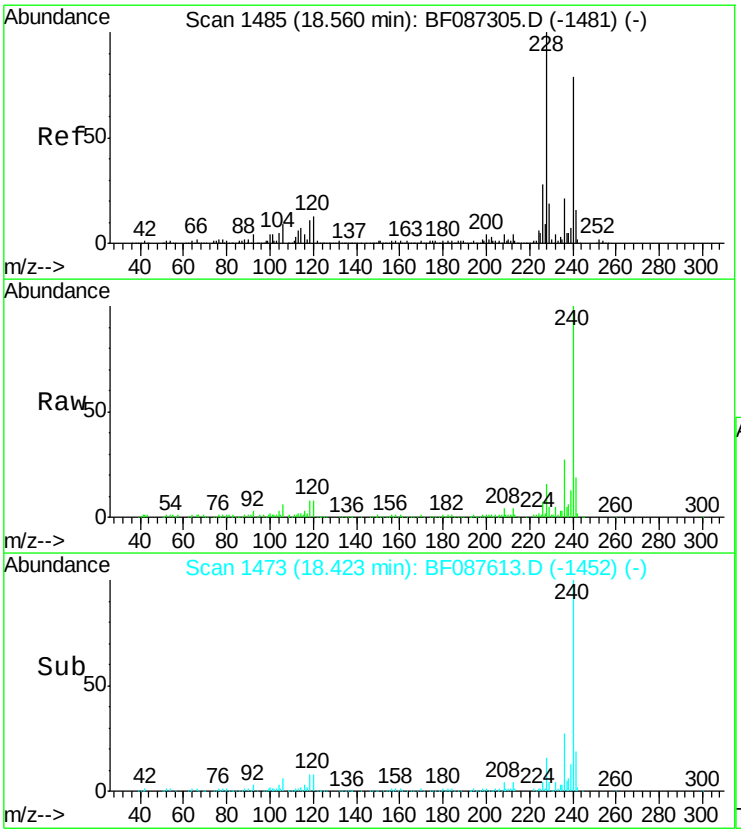
#74
Fluoranthene
Concen: 18.62 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:202 Resp: 285860

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	35.4
203	17.5	0.0	38.1

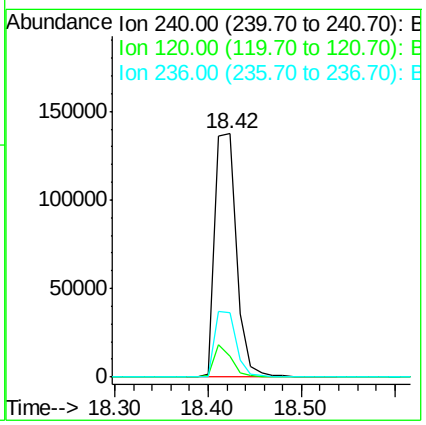


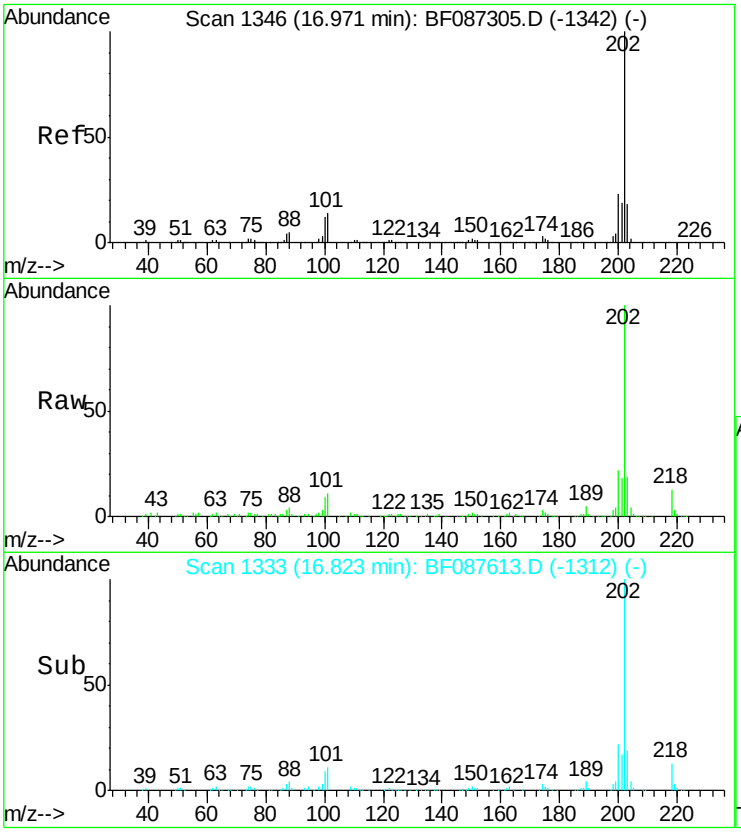


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:240 Resp: 221605

Ion	Ratio	Lower	Upper
240	100		
120	8.4	11.2	16.8#
236	26.6	21.2	31.8



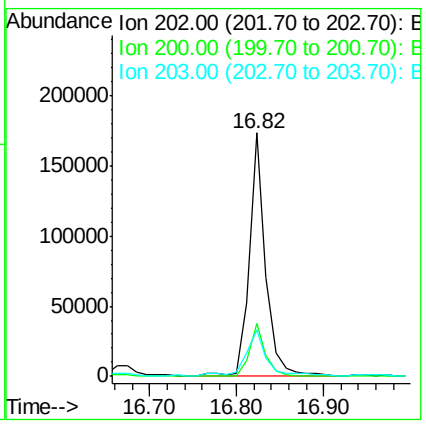


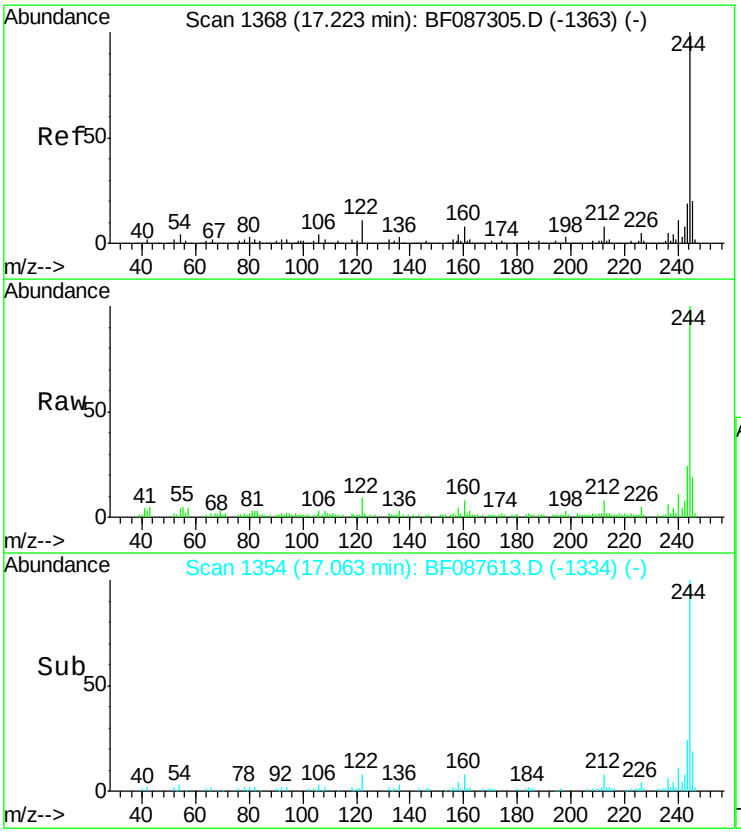
#77
Pyrene
Concen: 14.16 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.06 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:202 Resp: 225906

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	19.2	14.2	21.4

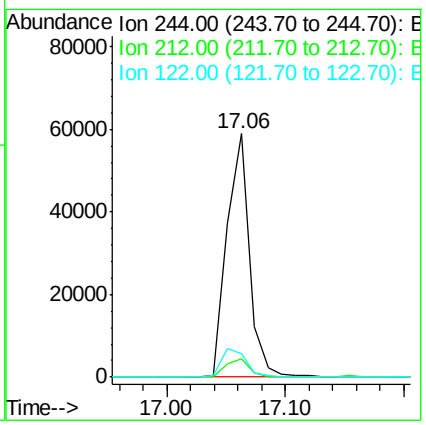


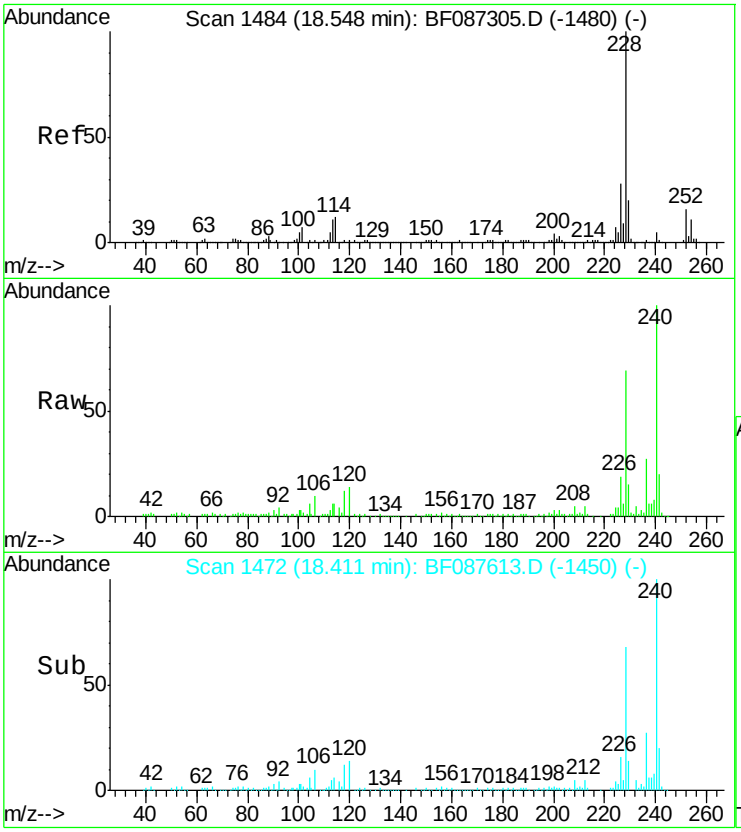


#78
Terphenyl-d14
Concen: 7.43 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.07 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:244 Resp: 77474

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	9.4	12.0	18.0#



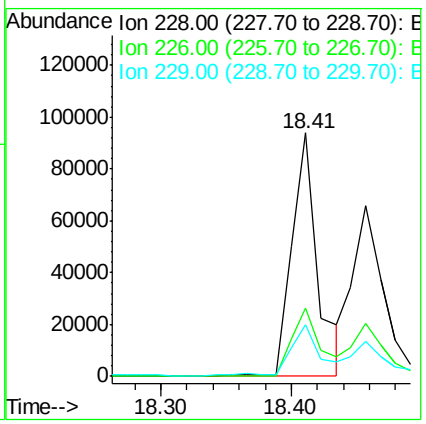


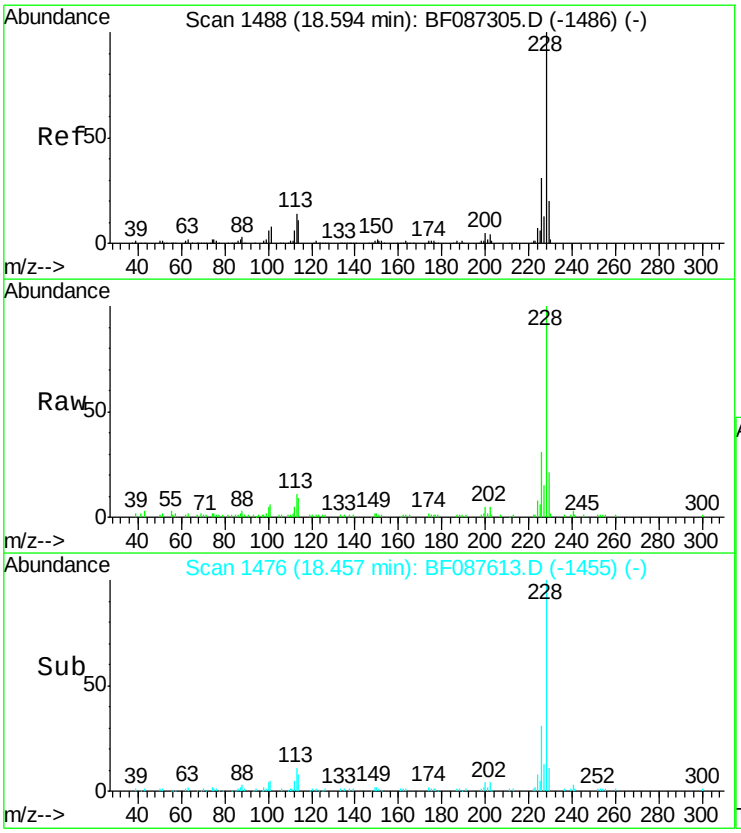
#80
Benzo(a)anthracene
Concen: 10.28 ng
RT: 18.41 min Scan# 1472
Delta R.T. -0.05 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:228 Resp: 129551

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	21.1	16.6	25.0

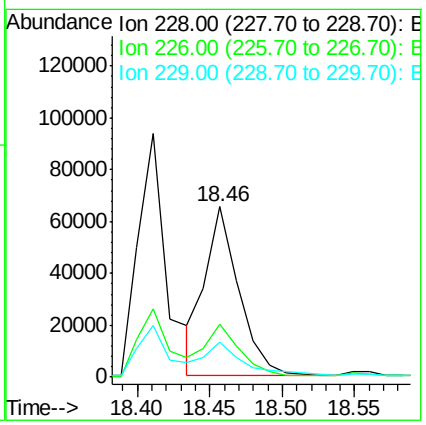


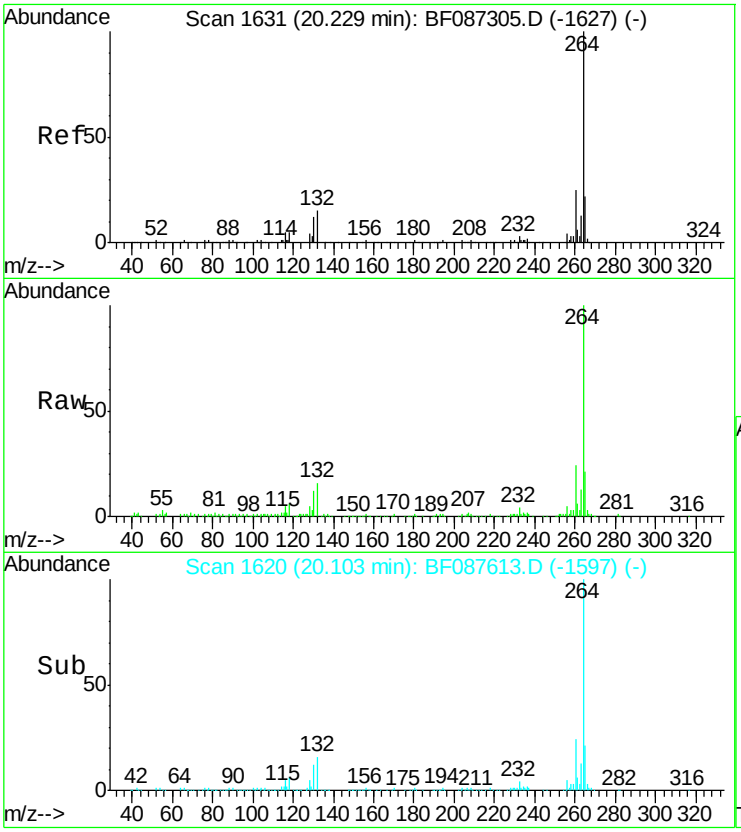


#82
Chrysene
Concen: 8.44 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.06 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:228 Resp: 105632

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.9	15.8	23.8



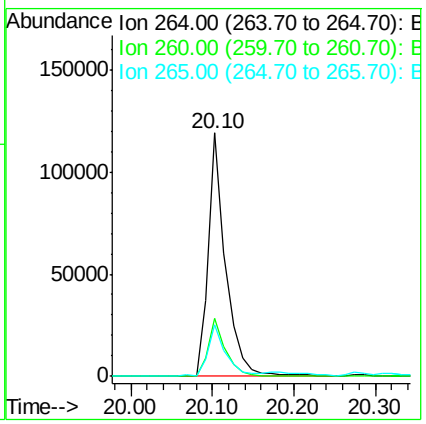


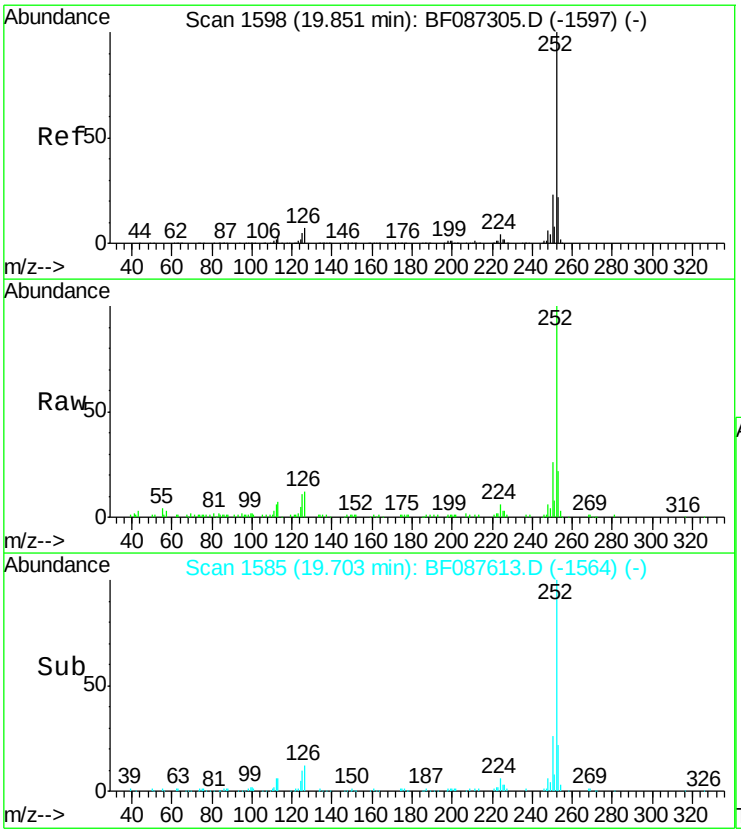
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.10 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:264 Resp: 179111

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.1	17.3	25.9

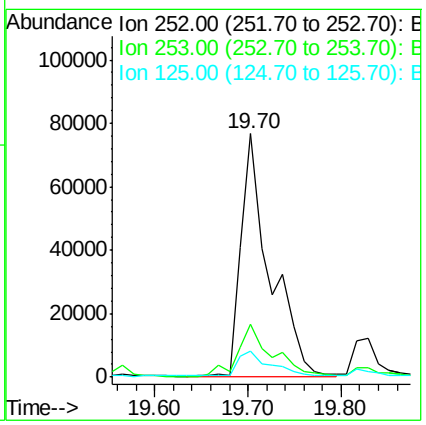


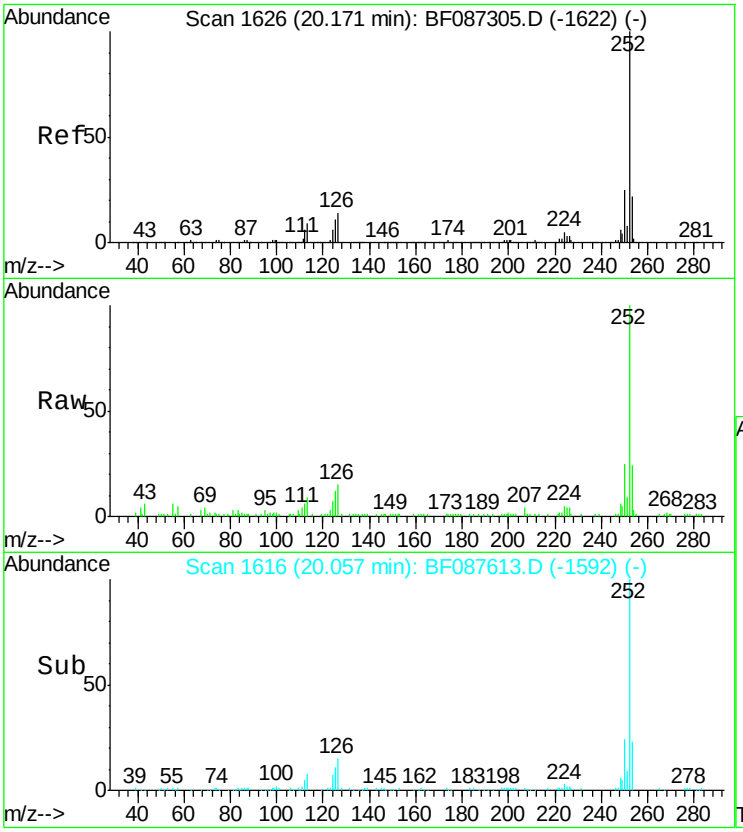


#88
Benzo(k)fluoranthene
Concen: 17.02 ng
RT: 19.70 min Scan# 1585
Delta R.T. -0.06 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:252 Resp: 167147

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.8	9.1	13.7



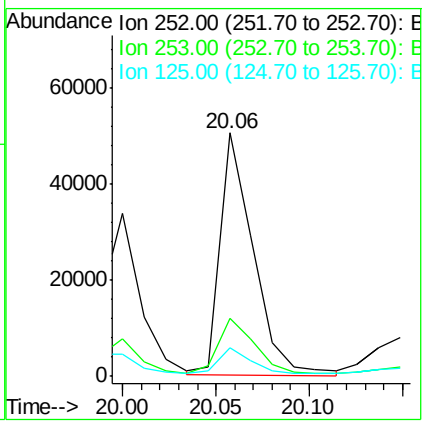


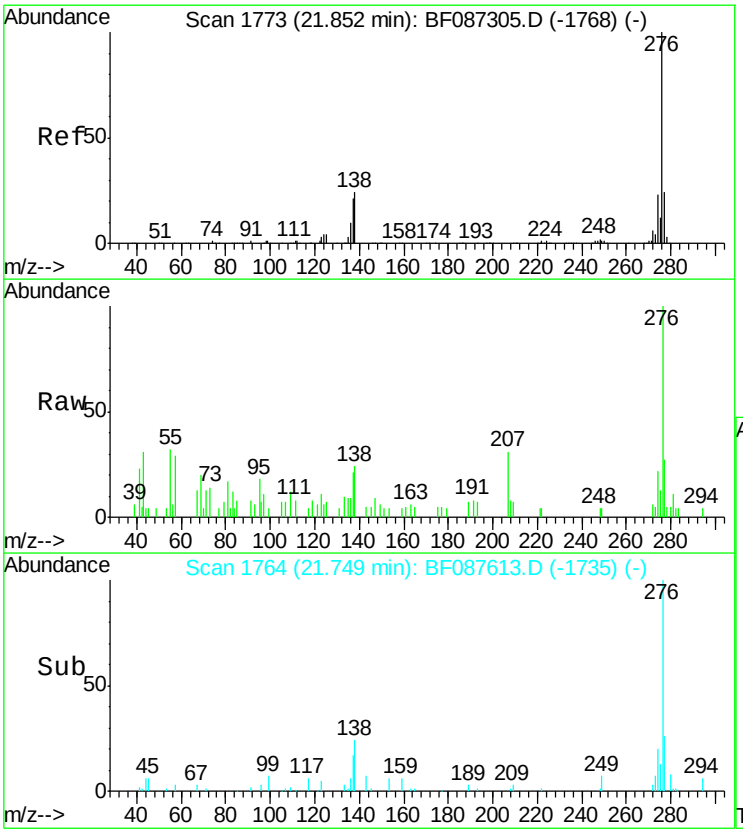
#89
Benzo(a)pyrene
Concen: 6.41 ng
RT: 20.06 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Instrument :
BNA_F
ClientSampleId :
CHS-STA-1699(0-4)

Tgt Ion:252 Resp: 63261

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	11.6	9.0	13.6





#91
Benzo(g,h,i)perylene
Concen: 3.13 ng
RT: 21.75 min Scan# 1764
Delta R.T. 0.03 min
Lab File: BF087613.D
Acq: 1 Jun 2016 9:27

Tgt Ion:276 Resp: 25975

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.6	29.4
138	24.4	23.6	35.4