Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU021-SB-18-2.5

Quant Time: May 13 07:23:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 04:45:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	56487	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	230396	20.00	ng		0.00
38) Acenaphthene-d10	11.04	164	110799	20.00	ng		0.00
63) Phenanthrene-d10	12.88	188	214828	20.00	ng		0.00
75) Chrysene-d12	16.18	240	224931	20.00	ng		0.01
86) Perylene-d12	17.97	264	225632	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	568410	173.22	ng		0.00
7) Phenol-d6	6.86	99	785887	181.18	ng		0.01
23) Nitrobenzene-d5	7.98	82	440057	109.77	ng		0.00
41) 2,4,6-Tribromophenol	12.02	330	217135	181.15	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	757472	95.25	ng		0.00
78) Terphenyl-d14	14.88	244	863163	91.87	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.47	79	7806	2.42	ng	#	51
32) Benzoic acid	8.52	122	254	6.42	ng		89
49) Dimethylphthalate	10.71	163	157960	19.42	ng		100
74) Fluoranthene	14.39	202	34520	2.76	ng		96
77) Pyrene	14.66	202	46331	3.57	ng	#	95
82) Chrysene	16.22	228	24183	2.04	ng		95
87) Benzo(b)fluoranthene	17.51	252	44804	3.63	ng	#	91
88) Benzo(k)fluoranthene	17.51	252	39663	3.32	ng	#	92
89) Benzo(a)pyrene	17.90	252	26143	2.30	ng	#	90
91) Benzo(g,h,i)perylene	19.86	276	25042	2.07	ng		94

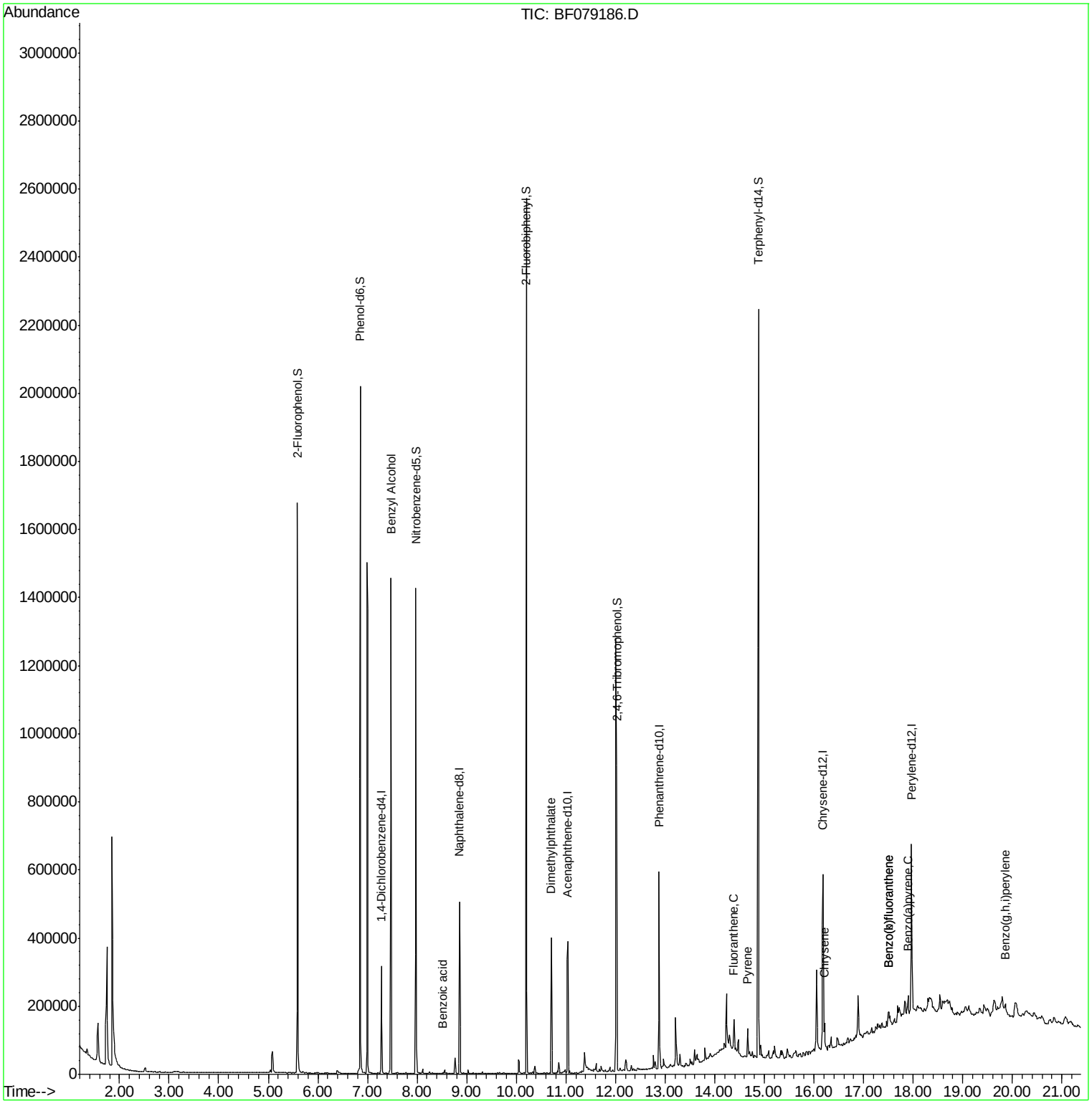
(#) = qualifier out of range (m) = manual integration (+) = signals summed

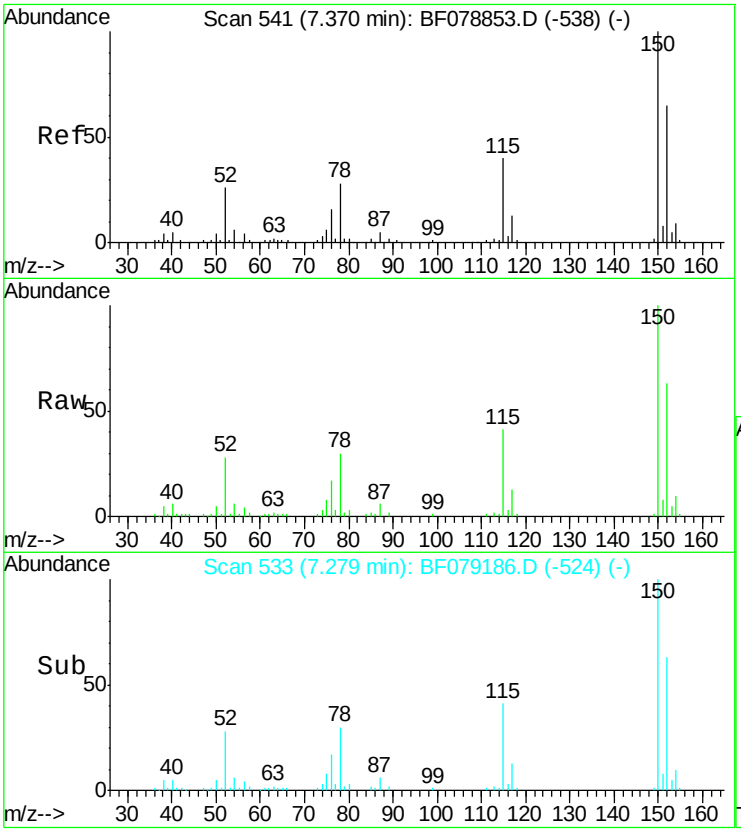
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079186.D
Acq On : 13 May 2015 6:45
Operator : TP/IZ
Sample : G2194-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Quant Time: May 13 07:23:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 04:45:03 2015
Response via : Initial Calibration



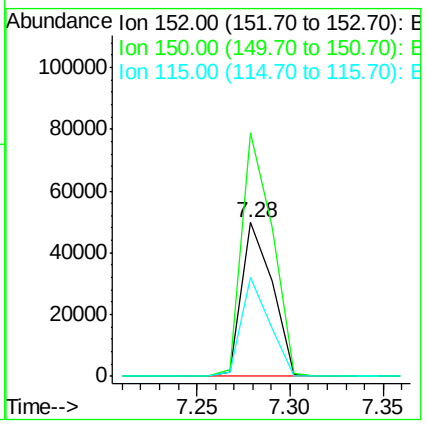


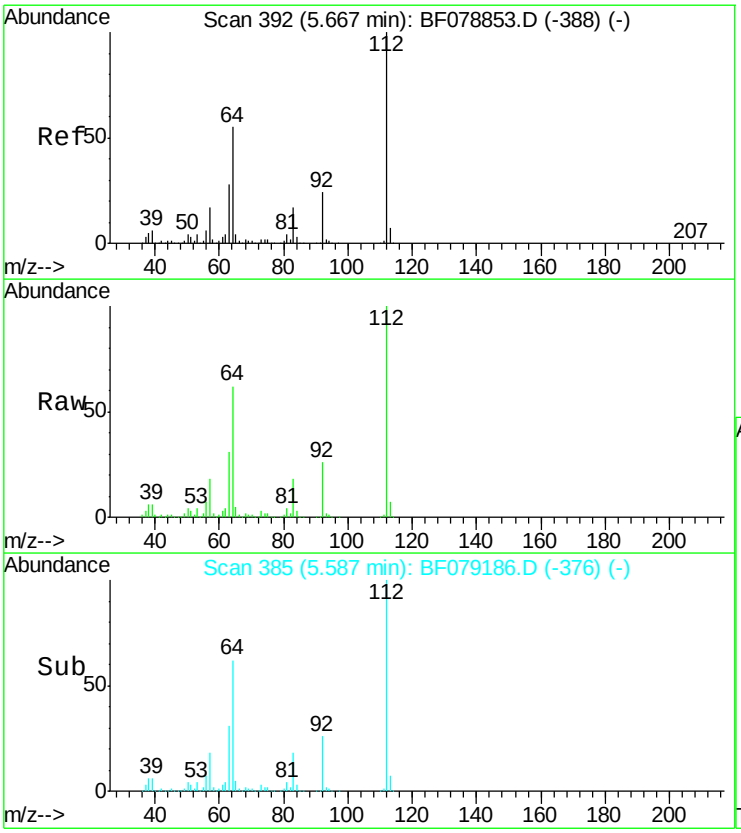
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:152 Resp: 56487

Ion	Ratio	Lower	Upper
152	100		
150	158.6	122.0	183.0
115	64.4	46.3	69.5

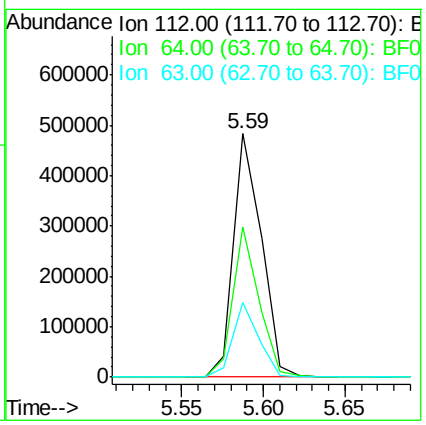


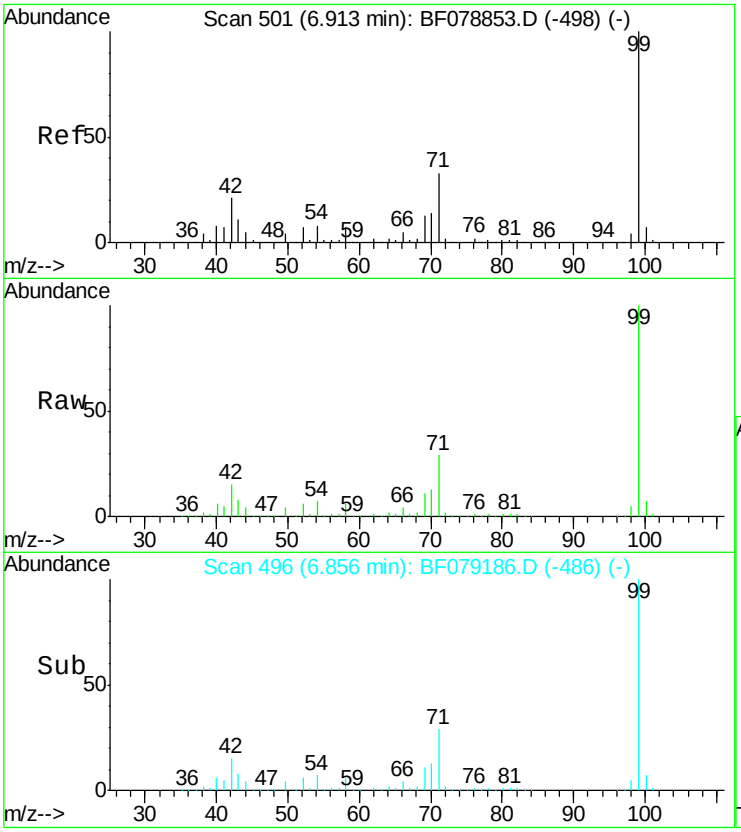


#5
2-Fluorophenol
Concen: 173.22 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:112 Resp: 568410

Ion	Ratio	Lower	Upper
112	100		
64	61.6	53.5	80.3
63	30.5	27.5	41.3



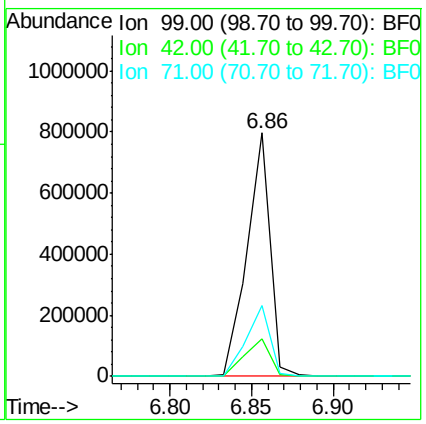


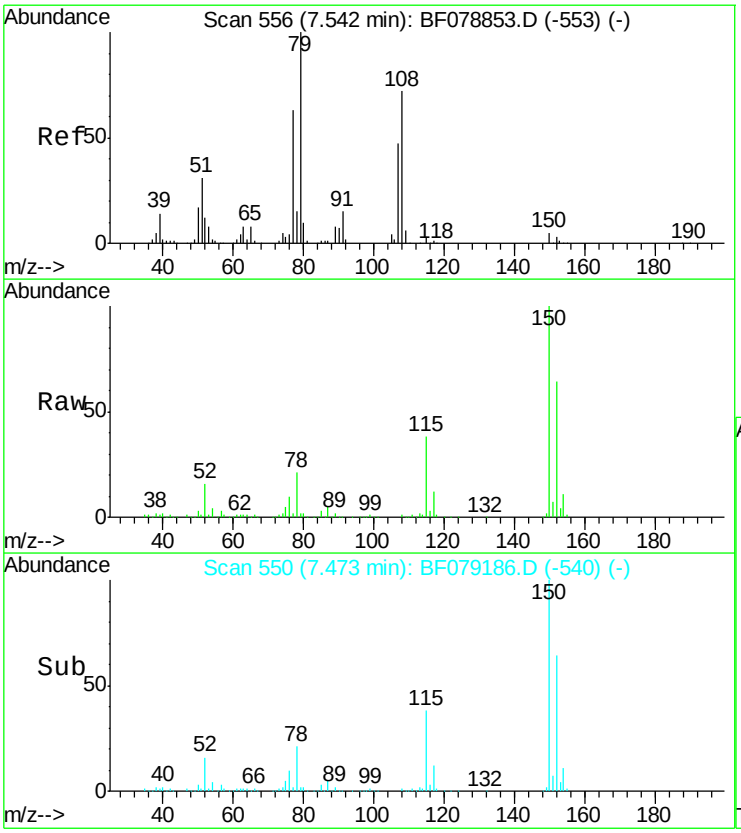
#7
Phenol-d6
Concen: 181.18 ng
RT: 6.86 min Scan# 496
Delta R.T. 0.01 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion: 99 Resp: 785887

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	28.9	23.4	35.2

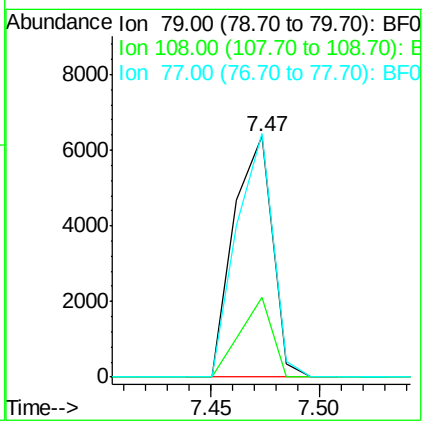


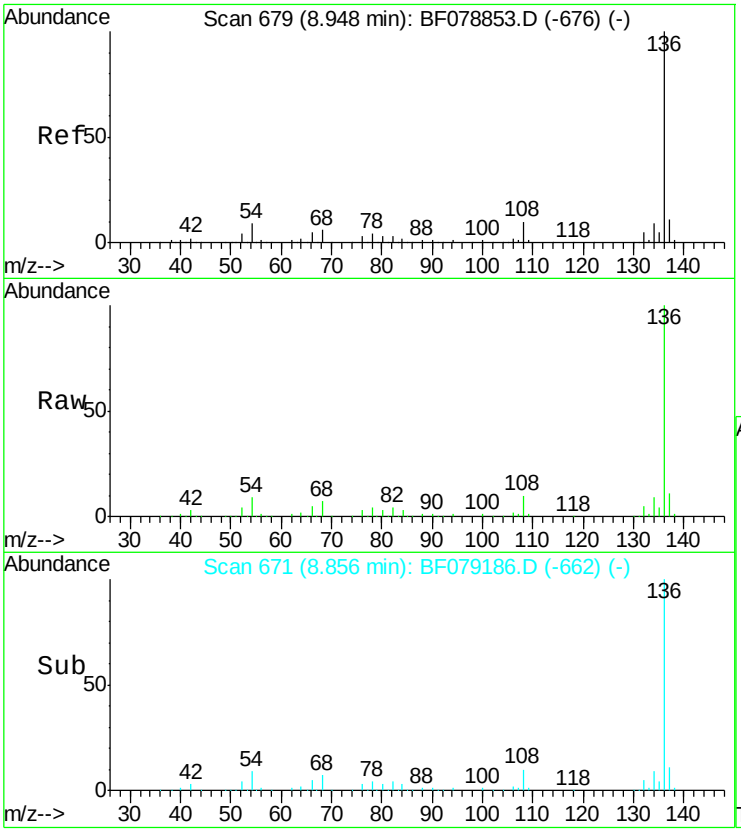


#15
Benzyl Alcohol
Concen: 2.42 ng
RT: 7.47 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion: 79 Resp: 7806

Ion	Ratio	Lower	Upper
79	100		
108	33.3	62.5	93.7#
77	101.1	52.2	78.4#



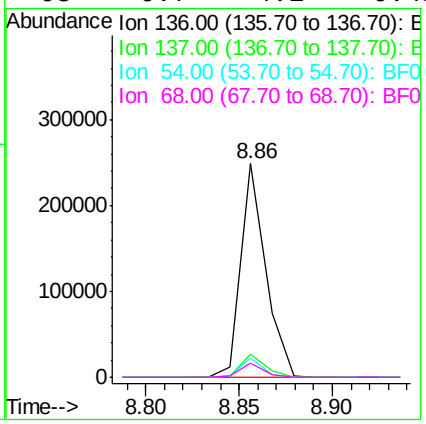


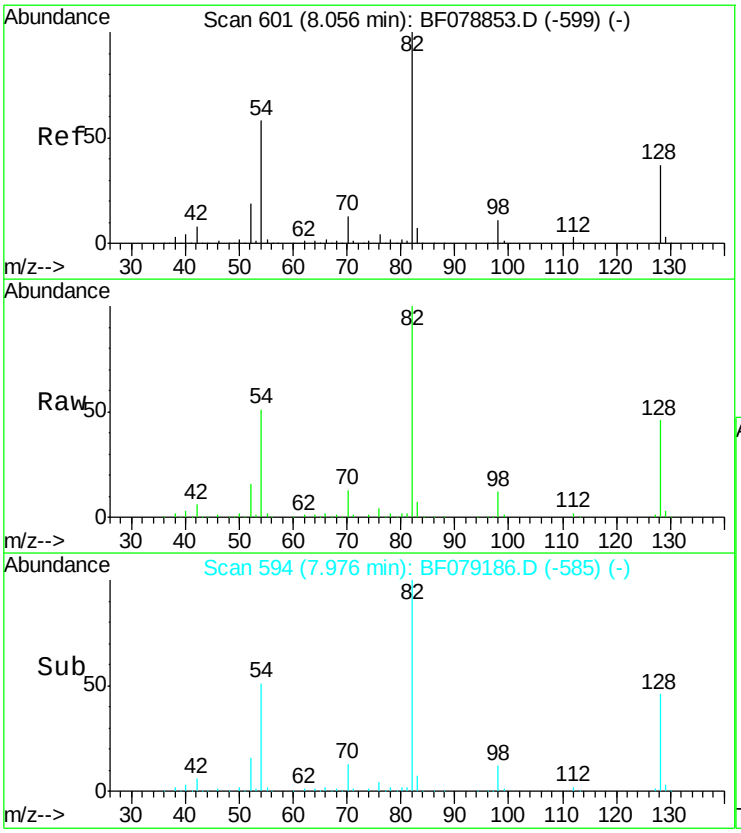
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:136 Resp: 230396

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.8	5.8	8.8#
68	6.7	4.2	6.4#

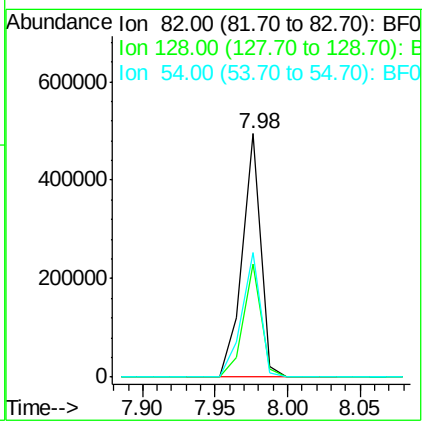


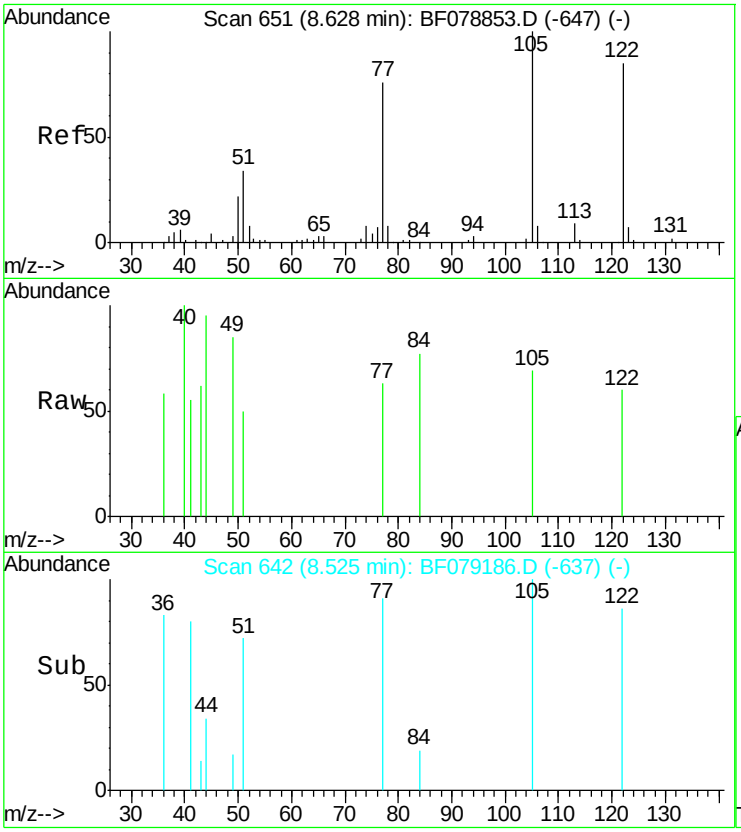


#23
Nitrobenzene-d5
Concen: 109.77 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion: 82 Resp: 440057

Ion	Ratio	Lower	Upper
82	100		
128	46.2	30.0	45.0#
54	51.1	46.4	69.6



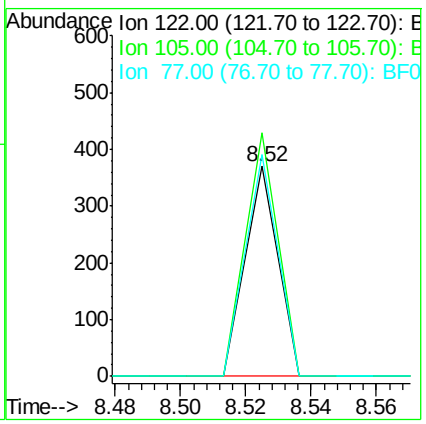


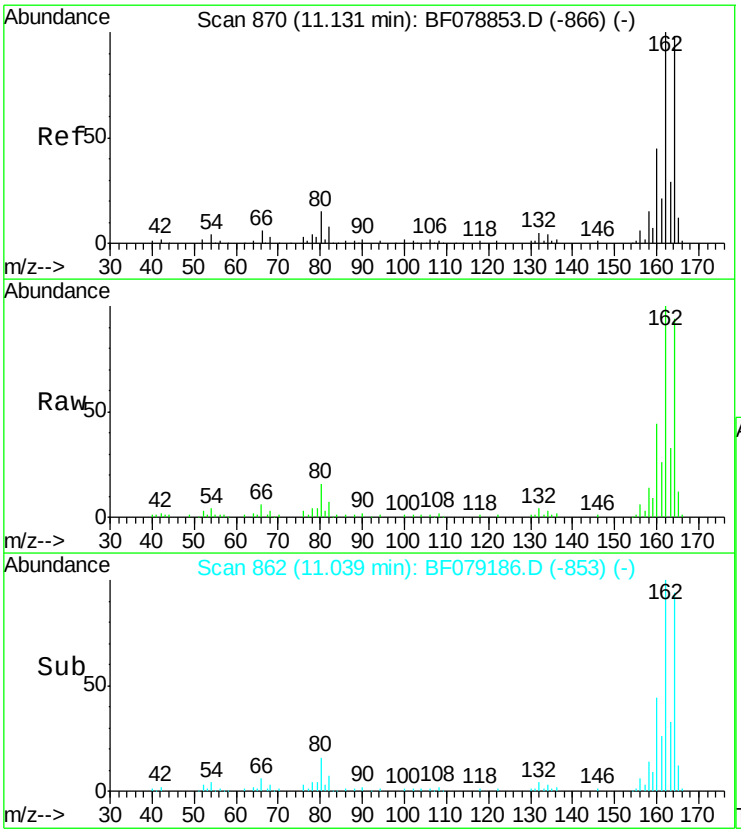
#32
Benzoic acid
Concen: 6.42 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:122 Resp: 254

Ion	Ratio	Lower	Upper
122	100		
105	115.9	107.1	147.1
77	105.9	73.9	113.9

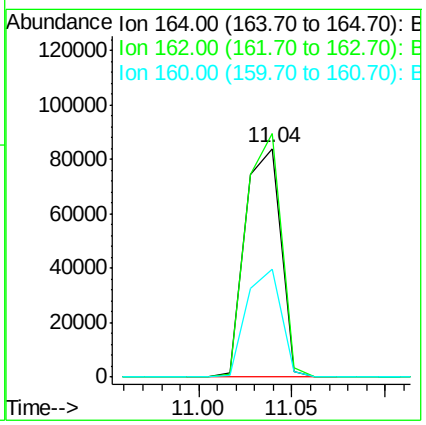


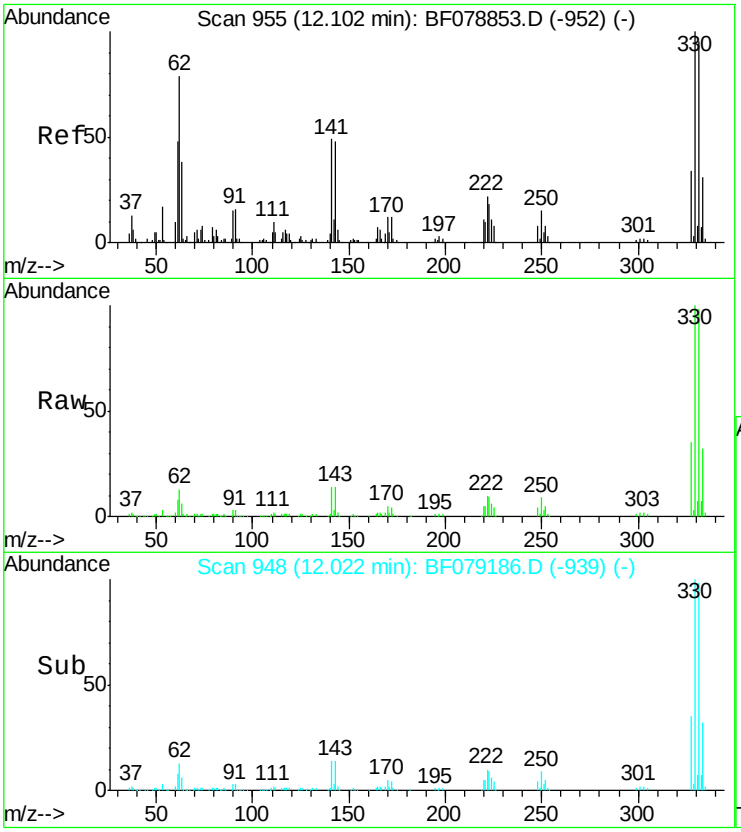


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:164 Resp: 110799

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.7	124.1
160	47.2	35.8	53.8



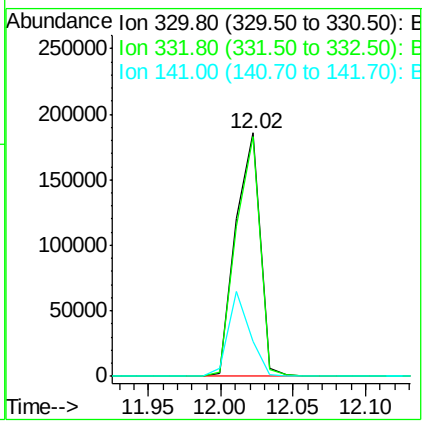


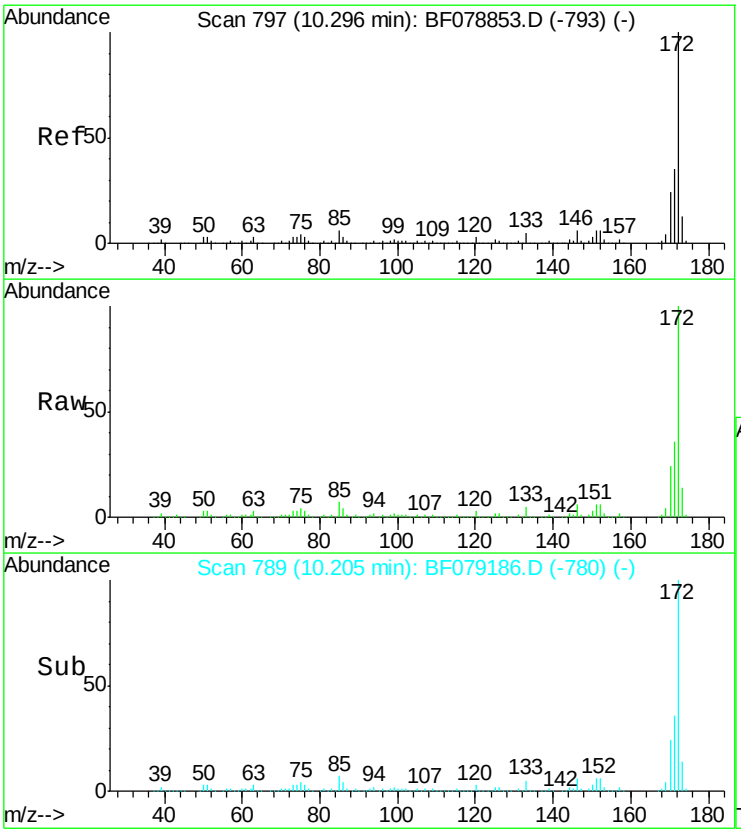
#41
2,4,6-Tribromophenol
Concen: 181.15 ng
RT: 12.02 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:330 Resp: 217135

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	31.1	0.0	0.0#

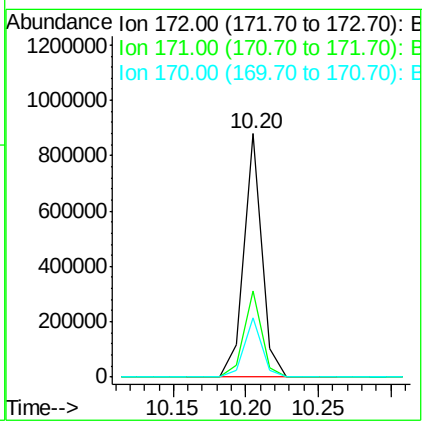


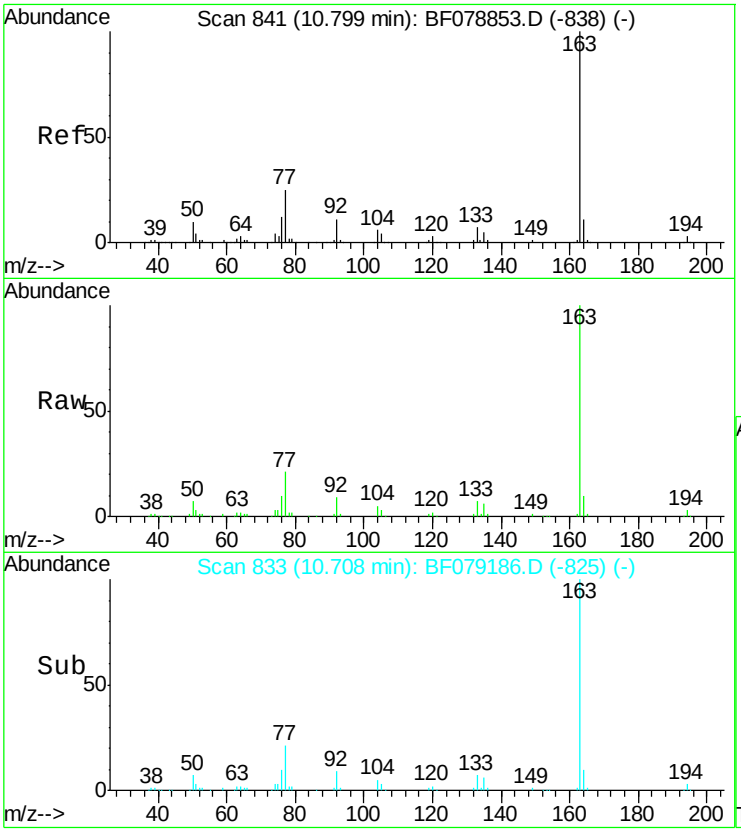


#44
2-Fluorobiphenyl
Concen: 95.25 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:172 Resp: 757472

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.1	19.4	29.0



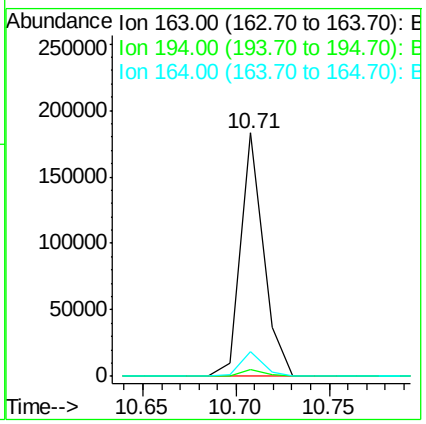


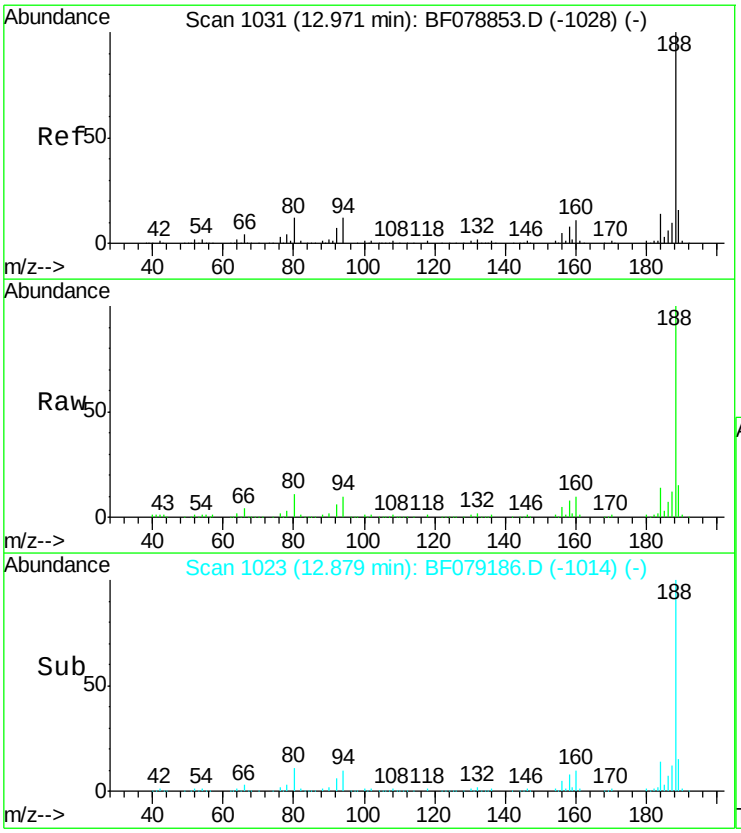
#49
Dimethylphthalate
Concen: 19.42 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:163 Resp: 157960

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.1	12.1

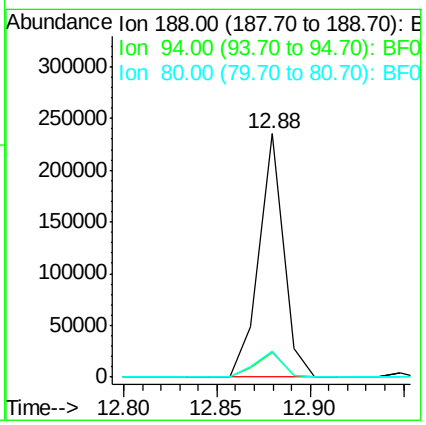


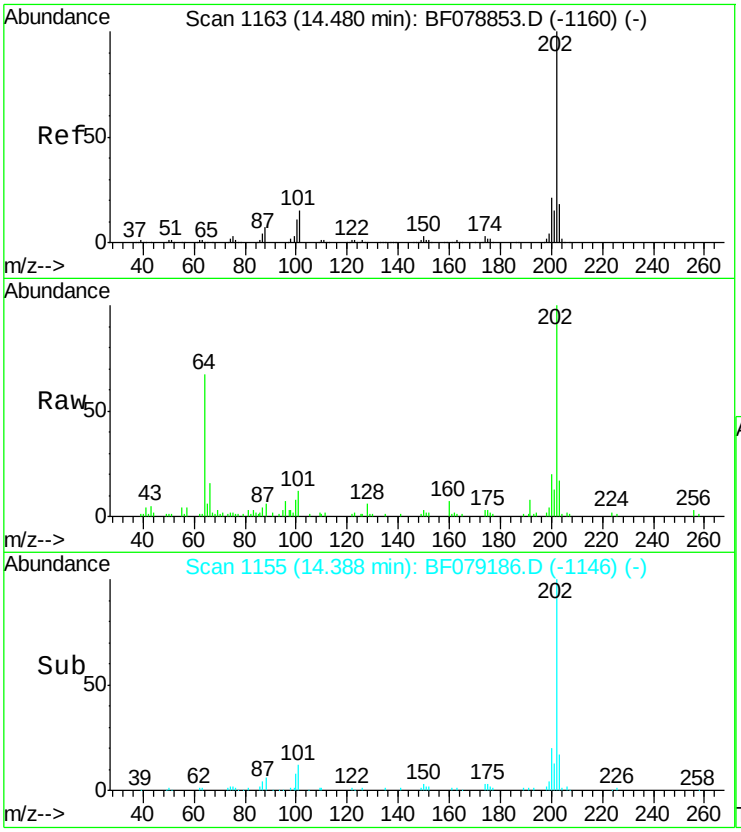


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:188 Resp: 214828

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.5	8.9	13.3



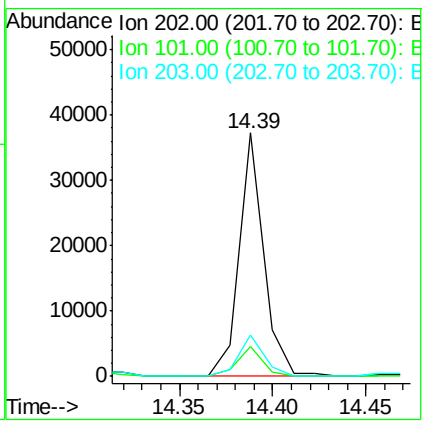


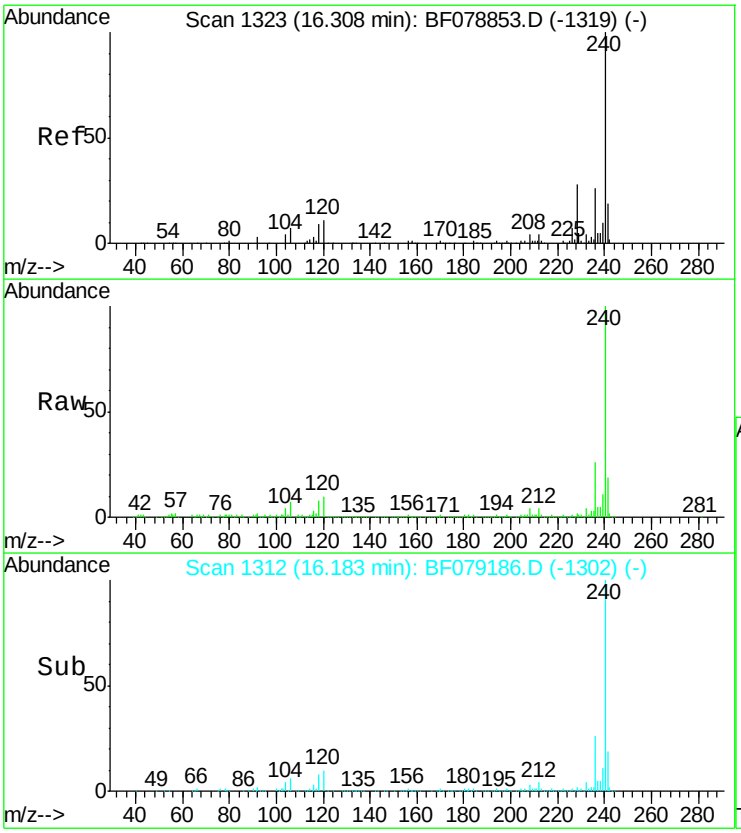
#74
Fluoranthene
Concen: 2.76 ng
RT: 14.39 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:202 Resp: 34520

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.6
203	17.2	0.0	38.4

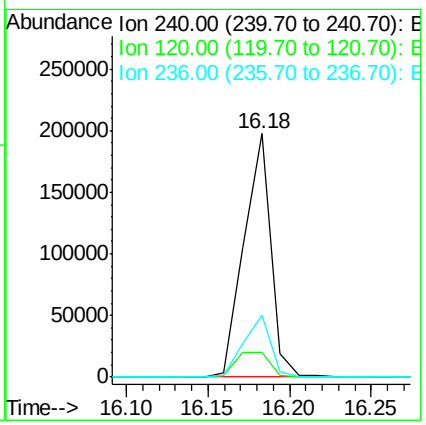


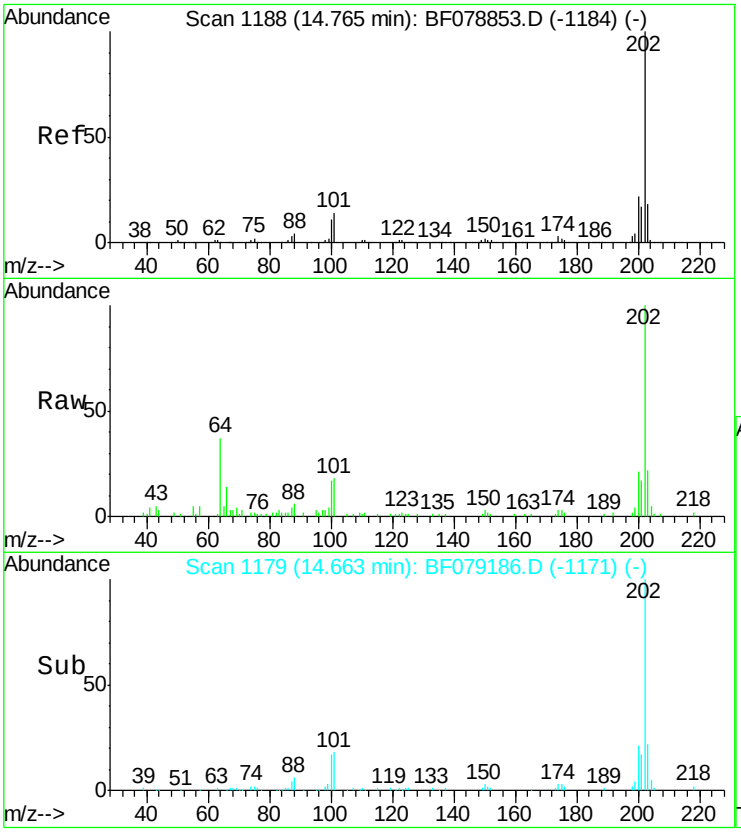


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:240 Resp: 224931

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.7	14.5
236	25.6	20.2	30.4



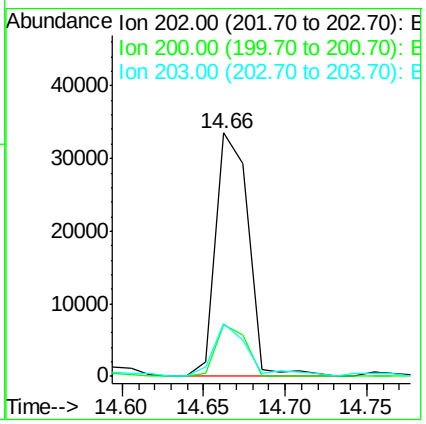


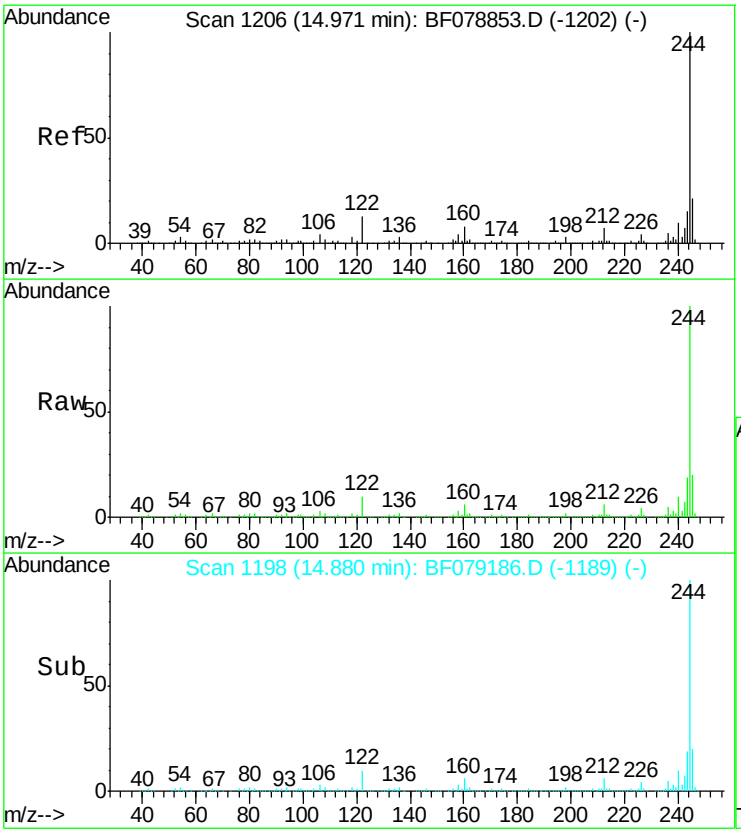
#77
Pyrene
Concen: 3.57 ng
RT: 14.66 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:202 Resp: 46331

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	21.6	13.9	20.9#

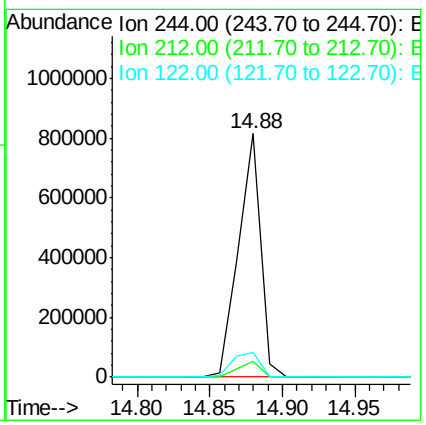


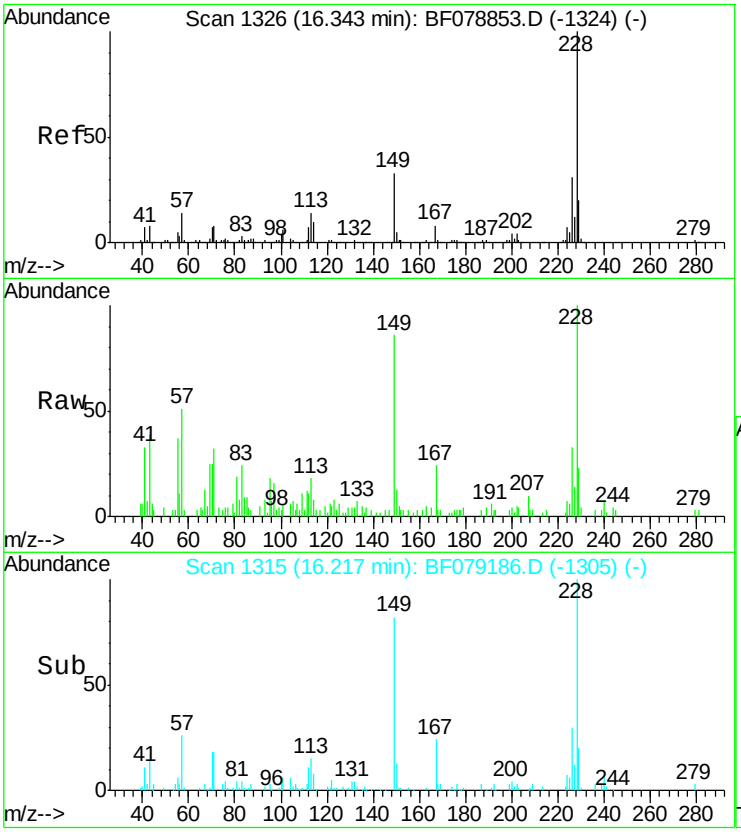


#78
Terphenyl-d14
Concen: 91.87 ng
RT: 14.88 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:244 Resp: 863163

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.2	10.3	15.5#



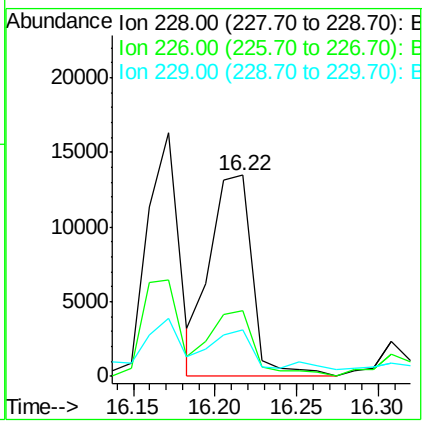


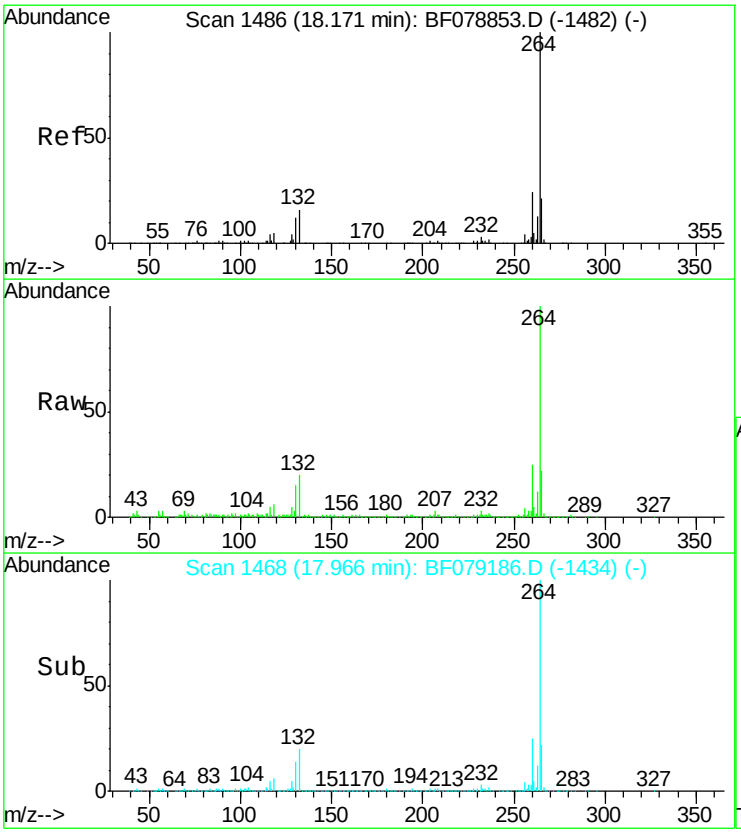
#82
Chrysene
Concen: 2.04 ng
RT: 16.22 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:228 Resp: 24183

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	23.0	16.0	24.0

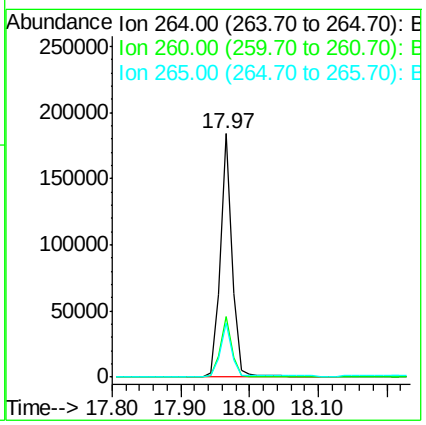


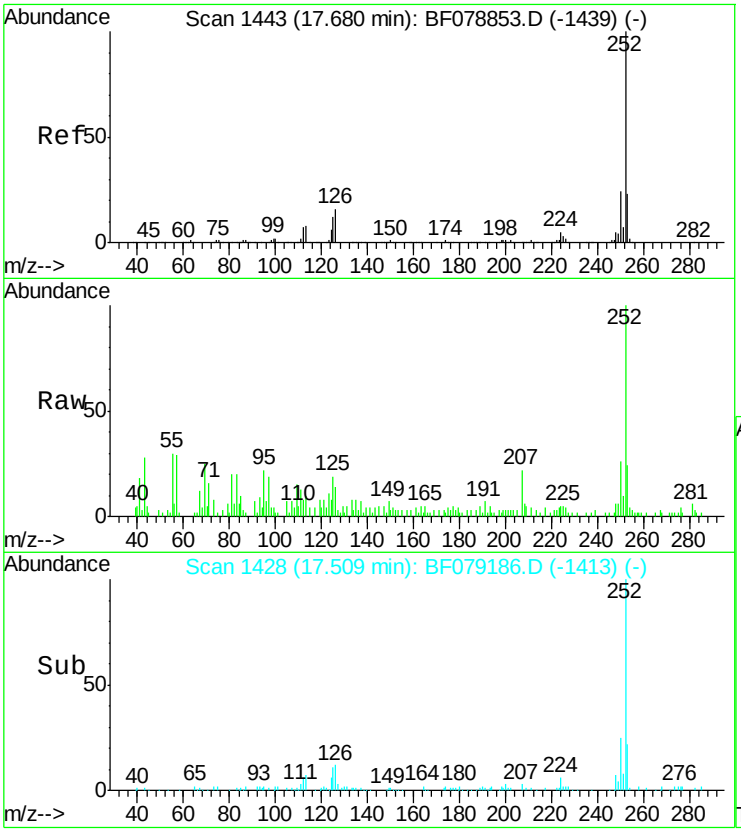


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.97 min Scan# 1468
Delta R.T. 0.09 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:264 Resp: 225632

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.5	18.3	27.5



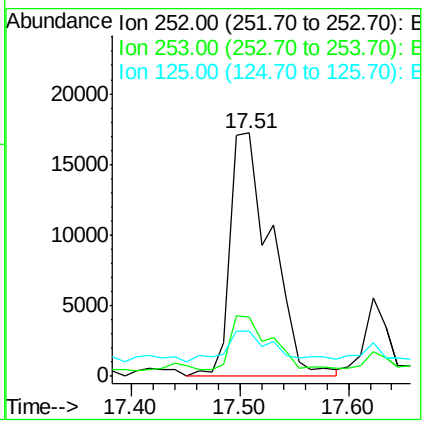


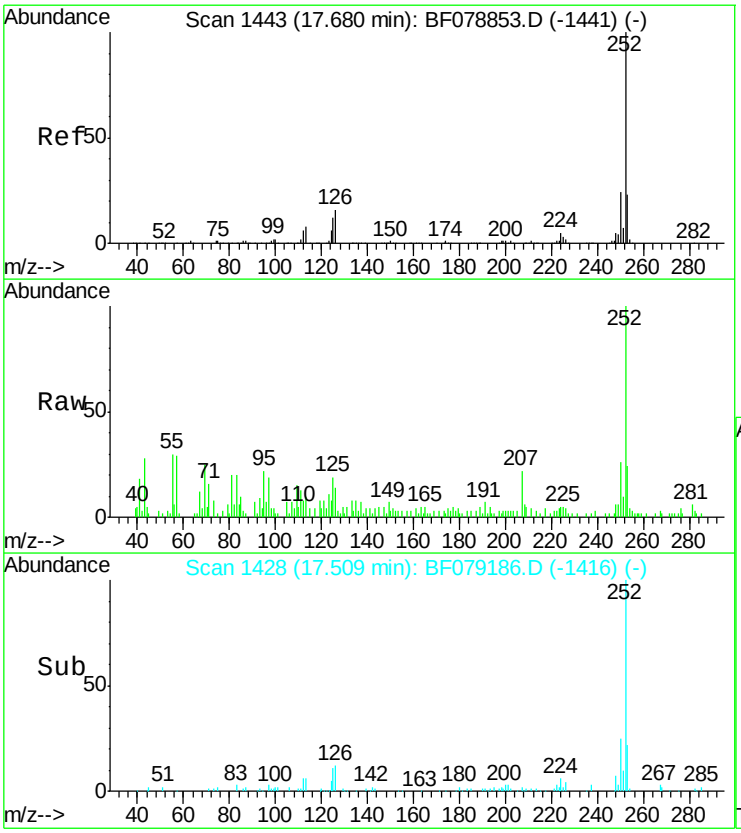
#87
Benzo(b)fluoranthene
Concen: 3.63 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.07 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:252 Resp: 44804

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	18.6	9.5	14.3#

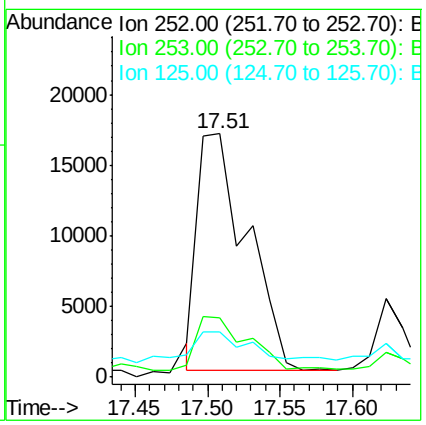


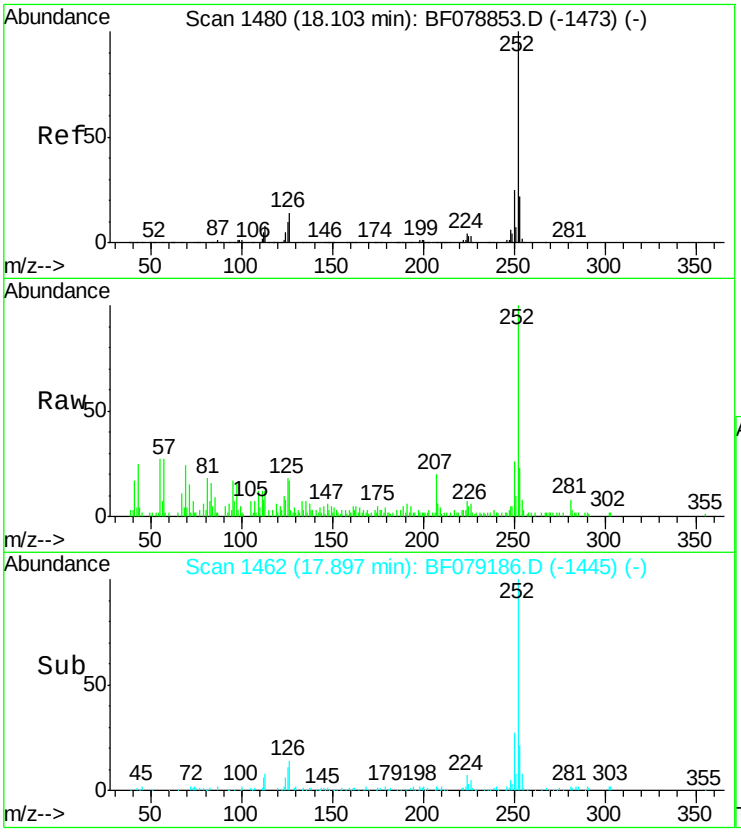


#88
Benzo(k)fluoranthene
Concen: 3.32 ng
RT: 17.51 min Scan# 1428
Delta R.T. 0.03 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:252 Resp: 39663

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	18.6	10.0	15.0#



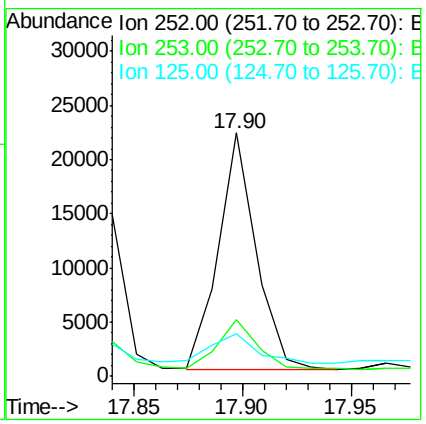


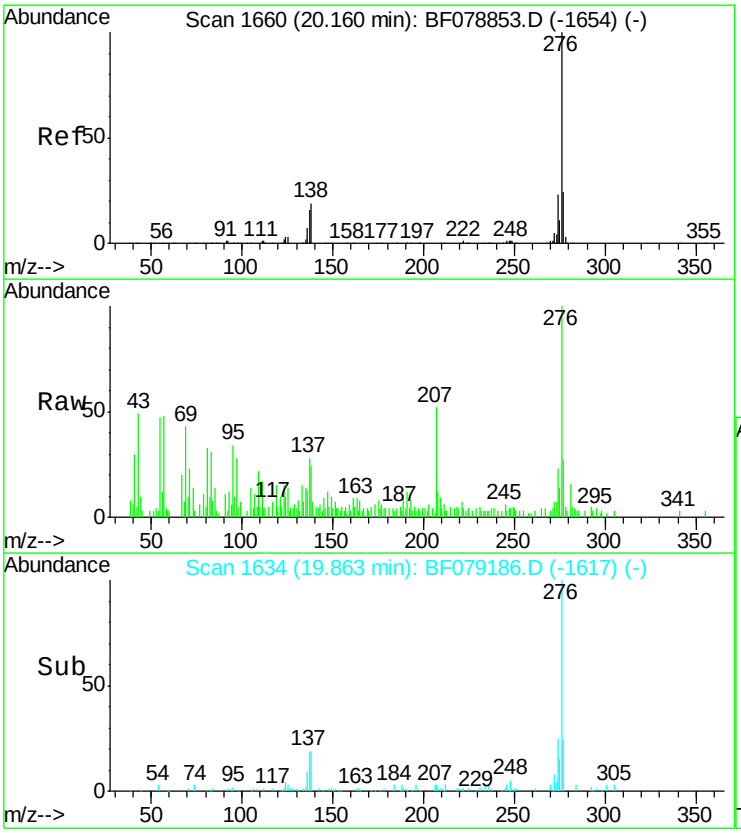
#89
Benzo(a)pyrene
Concen: 2.30 ng
RT: 17.90 min Scan# 1462
Delta R.T. 0.09 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Instrument :
BNA_F
ClientSampleId :
TU021-SB-18-2.5

Tgt Ion:252 Resp: 26143

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	17.5	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 2.07 ng
RT: 19.86 min Scan# 1634
Delta R.T. 0.09 min
Lab File: BF079186.D
Acq: 13 May 2015 6:45

Tgt Ion:276 Resp: 25042

Ion	Ratio	Lower	Upper
276	100		
277	27.1	18.6	28.0
138	24.1	17.4	26.0