Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079187.D
Acq On : 13 May 2015 7:14
Operator : TP/IZ
Sample : G2194-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TU021-SB-19-2.5

Quant Time: May 13 13:14:26 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 07:34:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	49664	20.00	ng		0.00
21) Naphthalene-d8	8.86	136	211494	20.00	ng		0.00
38) Acenaphthene-d10	11.03	164	101343	20.00	ng		-0.01
63) Phenanthrene-d10	12.88	188	201996	20.00	ng		0.00
75) Chrysene-d12	16.17	240	208600	20.00	ng		0.00
86) Perylene-d12	17.94	264	223495	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	330635	114.60	ng		0.00
7) Phenol-d6	6.84	99	424534	111.32	ng		0.00
23) Nitrobenzene-d5	7.98	82	253933	69.00	ng		0.00
41) 2,4,6-Tribromophenol	12.02	330	119896	109.36	ng		0.00
44) 2-Fluorobiphenyl	10.20	172	482126	66.28	ng		0.00
78) Terphenyl-d14	14.88	244	535751	61.49	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	8.52	122	9694	10.76	ng		92
48) Acenaphthylene	10.86	152	22356	2.17	ng		100
49) Dimethylphthalate	10.71	163	58599	7.88	ng		99
74) Fluoranthene	14.39	202	52192	4.43	ng		96
77) Pyrene	14.66	202	66483	5.53	ng		97
80) Benzo(a)anthracene	16.16	228	34764	3.04	ng	#	77
82) Chrysene	16.21	228	32235	2.93	ng	#	96
87) Benzo(b)fluoranthene	17.49	252	53080m	4.34	ng		
89) Benzo(a)pyrene	17.87	252	35187	3.12	ng	#	90
91) Benzo(g,h,i)perylene	19.83	276	29827	2.49	ng	#	90

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079187.D
Acq On : 13 May 2015 7:14
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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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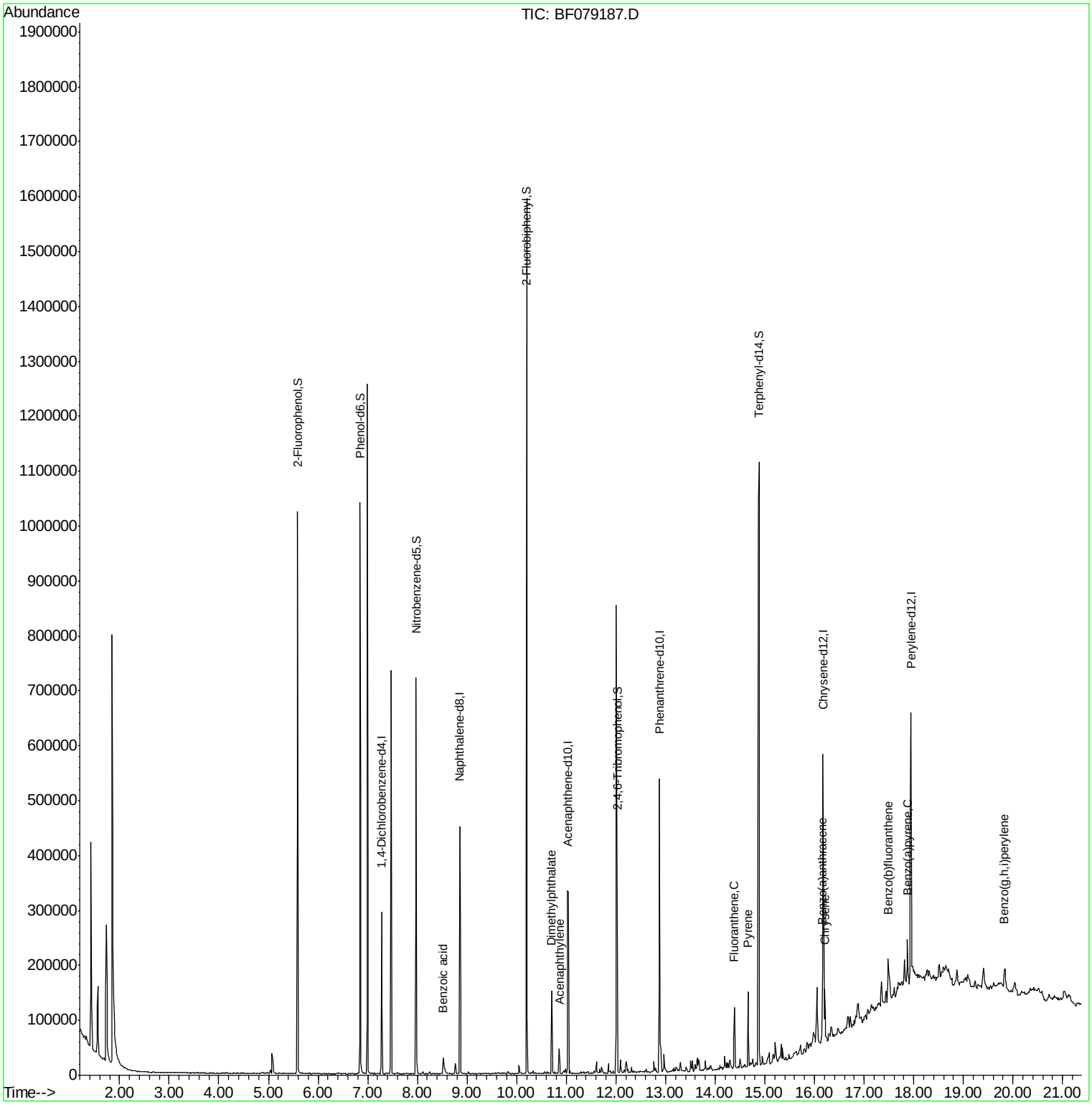
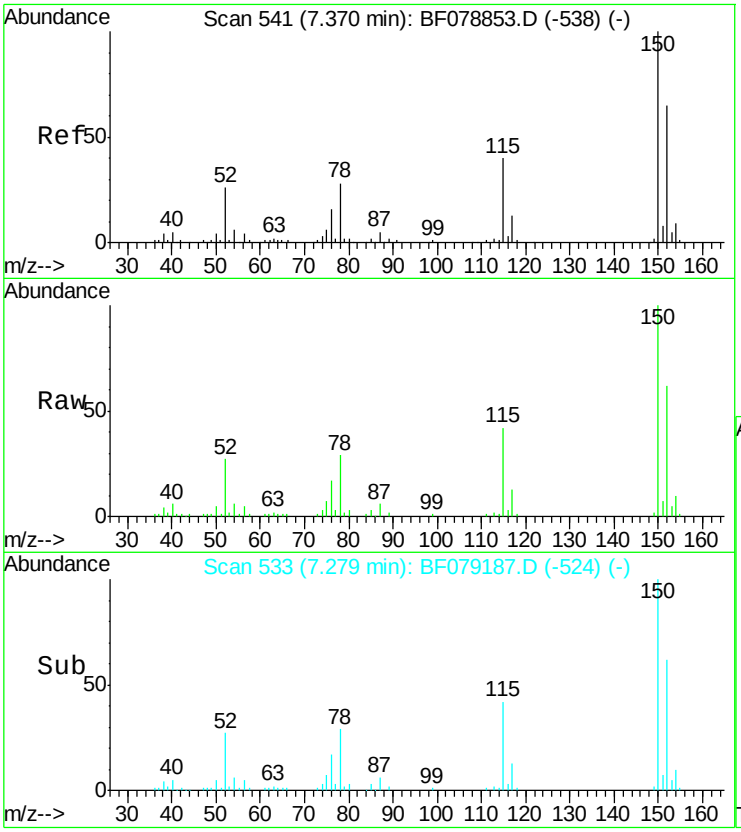
Response via : Initial Calibration



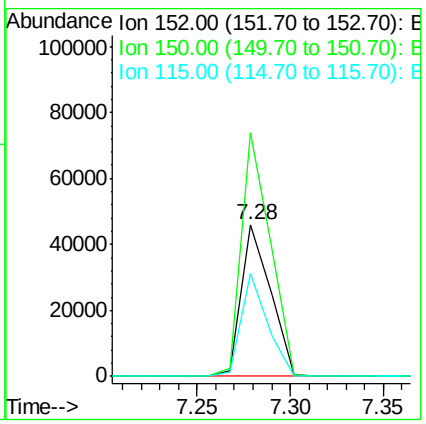


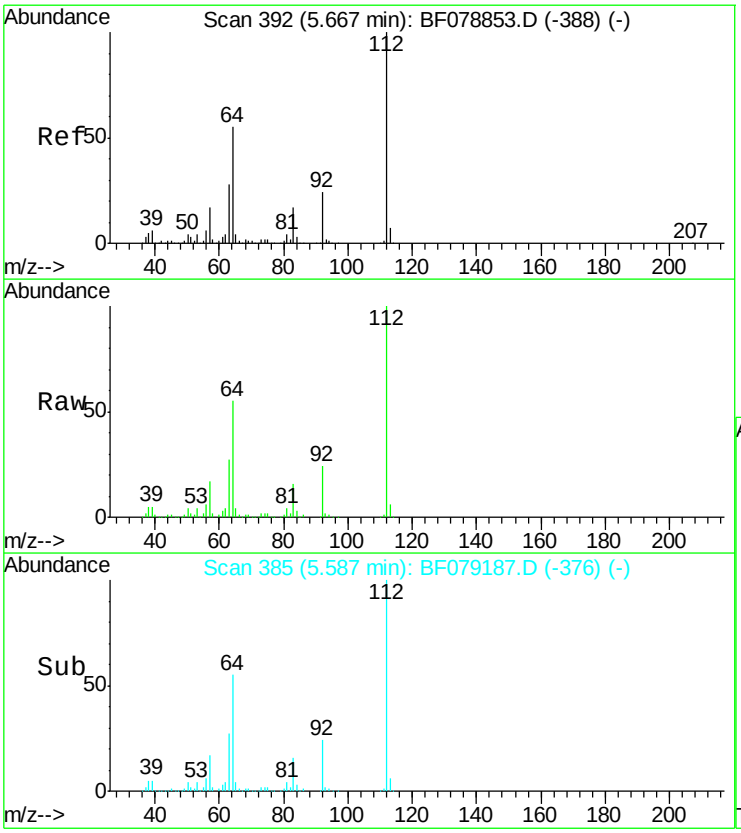
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:152 Resp: 49664

Ion	Ratio	Lower	Upper
152	100		
150	160.7	122.0	183.0
115	68.1	46.3	69.5

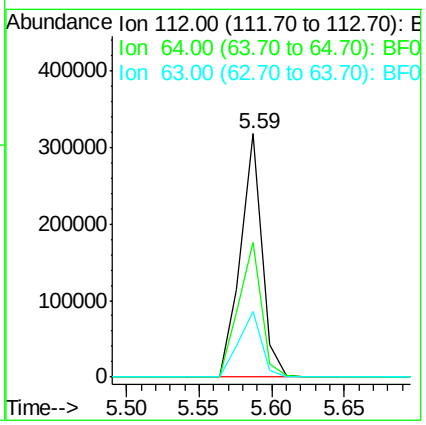


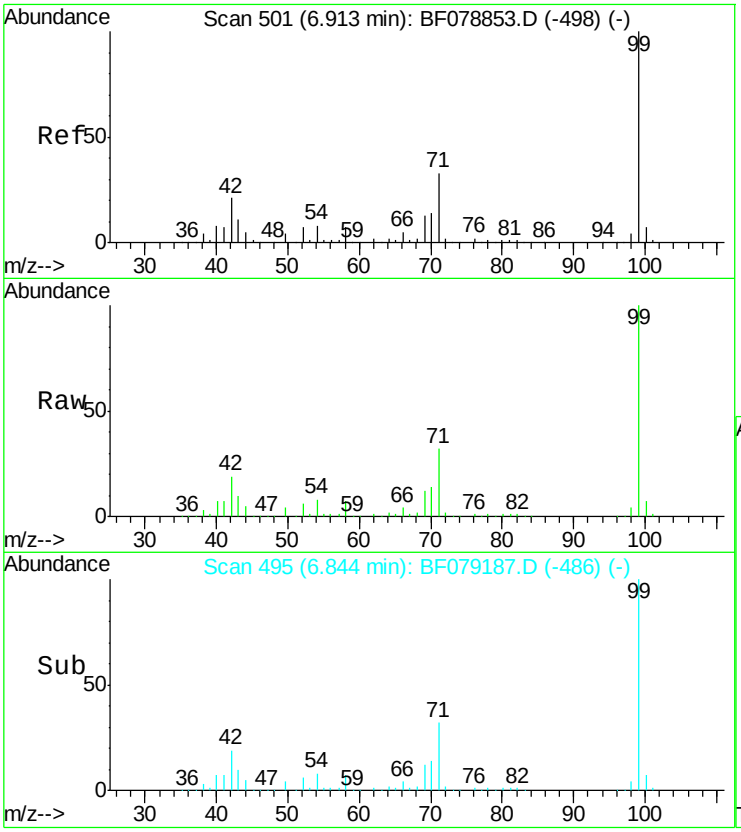


#5
2-Fluorophenol
Concen: 114.60 ng
RT: 5.59 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:112 Resp: 330635

Ion	Ratio	Lower	Upper
112	100		
64	55.2	53.5	80.3
63	27.1	27.5	41.3#



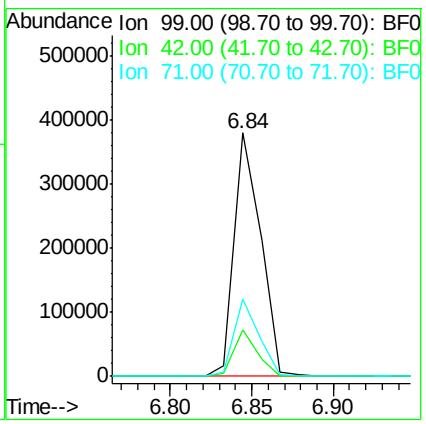


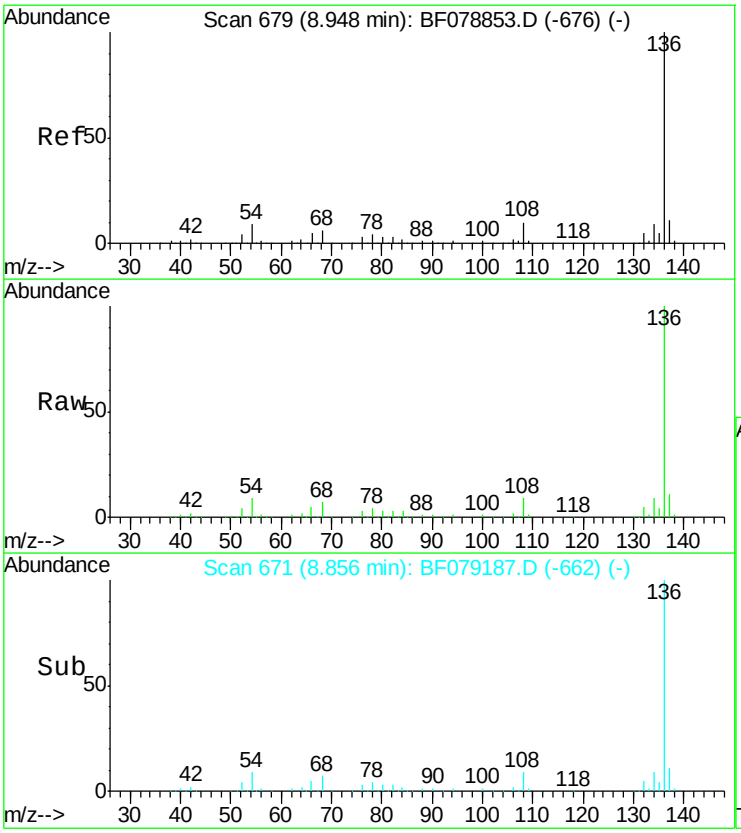
#7
Phenol-d6
Concen: 111.32 ng
RT: 6.84 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion: 99 Resp: 424534

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.8	19.2#
71	31.9	23.4	35.2

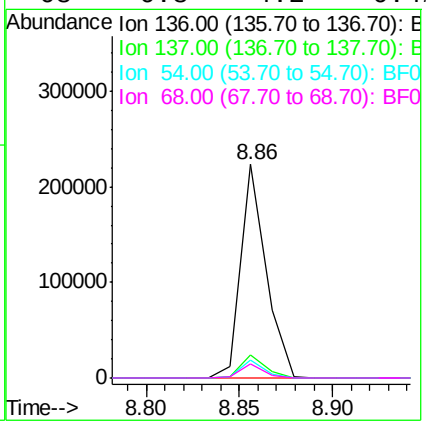


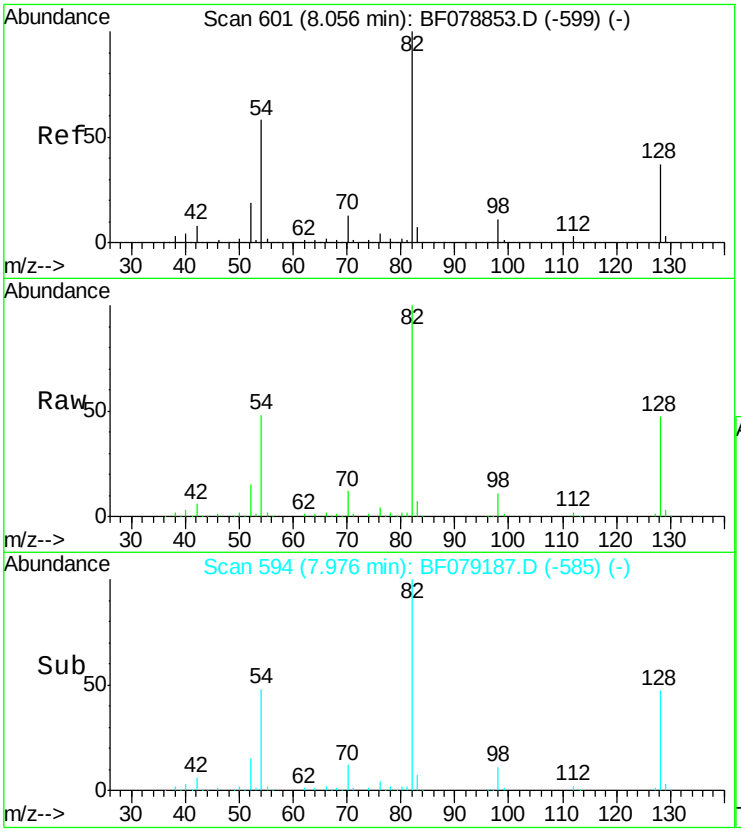


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:136 Resp: 211494

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.6	5.8	8.8
68	6.8	4.2	6.4#



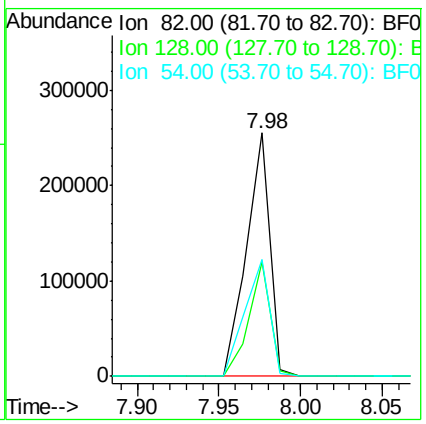


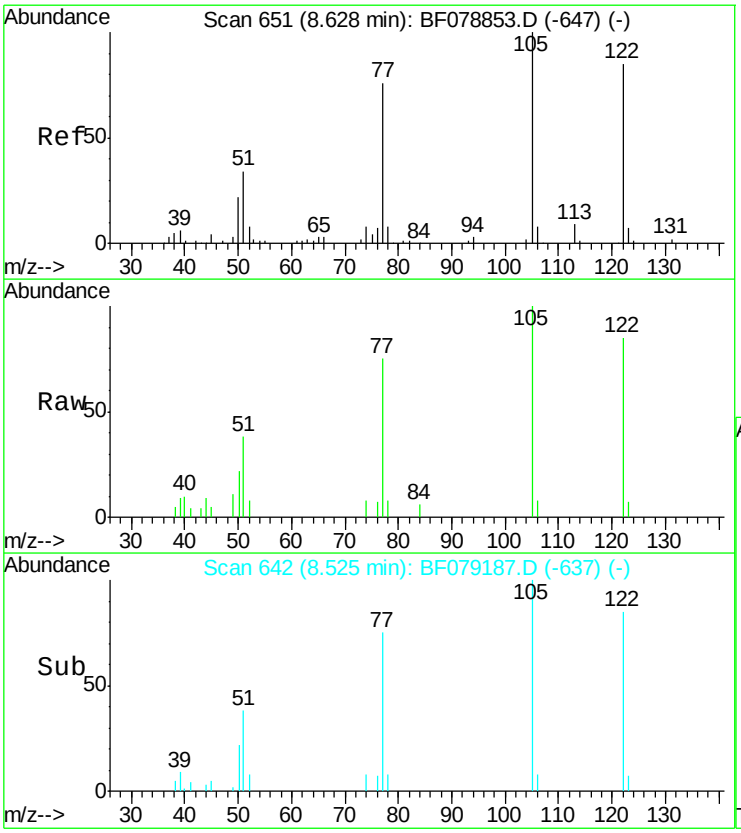
#23
Nitrobenzene-d5
Concen: 69.00 ng
RT: 7.98 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion: 82 Resp: 253933

Ion	Ratio	Lower	Upper
82	100		
128	47.1	30.0	45.0#
54	47.8	46.4	69.6

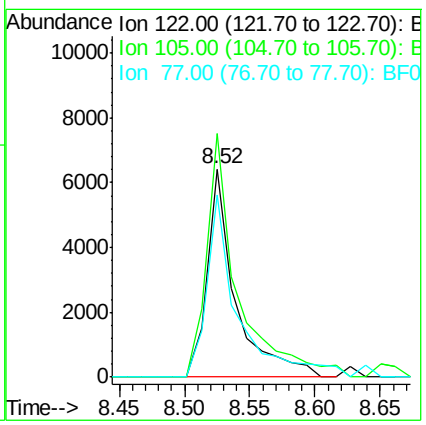


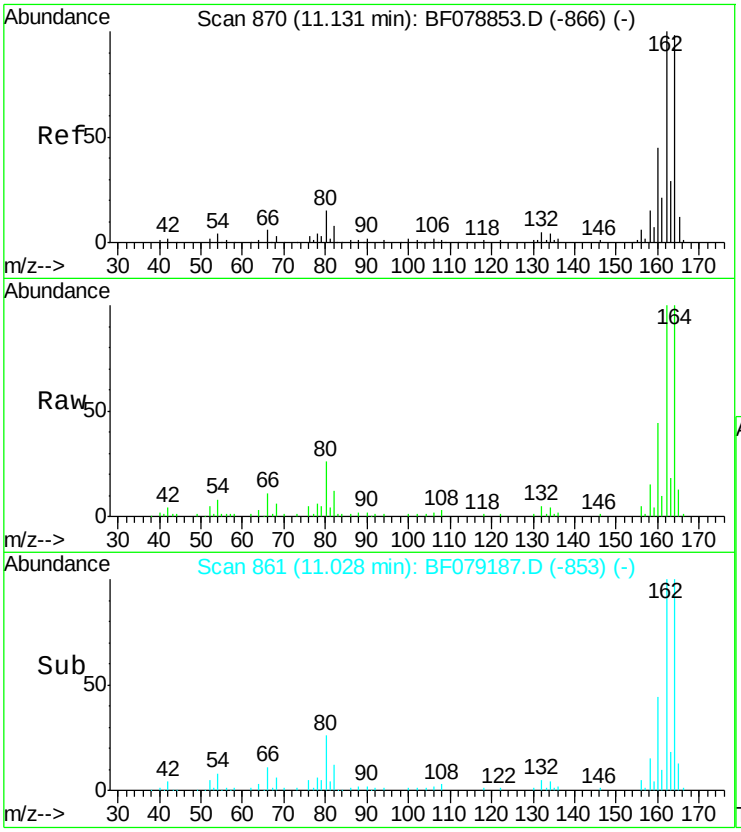


#32
Benzoic acid
Concen: 10.76 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:122 Resp: 9694

Ion	Ratio	Lower	Upper
122	100		
105	117.0	107.1	147.1
77	87.6	73.9	113.9



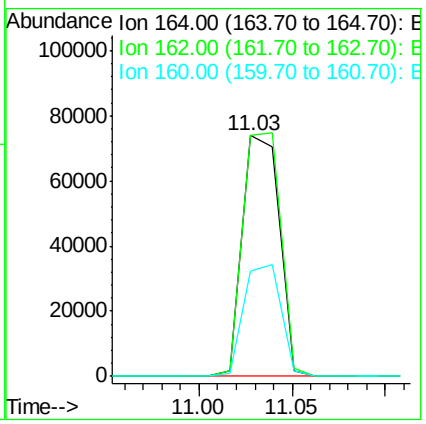


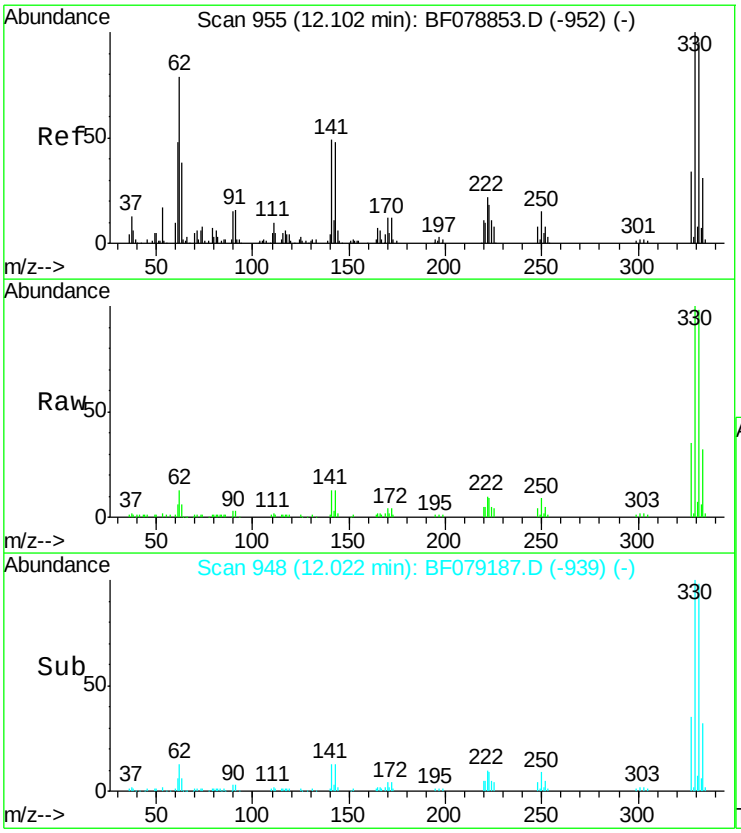
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:164 Resp: 101343

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.7	124.1
160	43.5	35.8	53.8

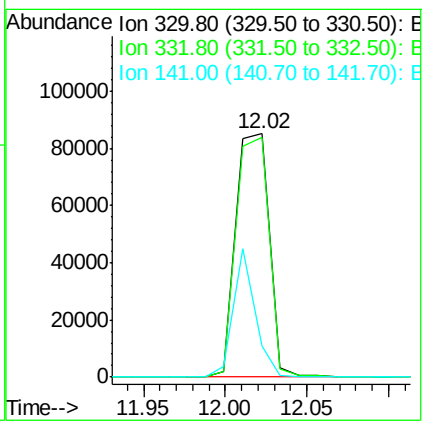


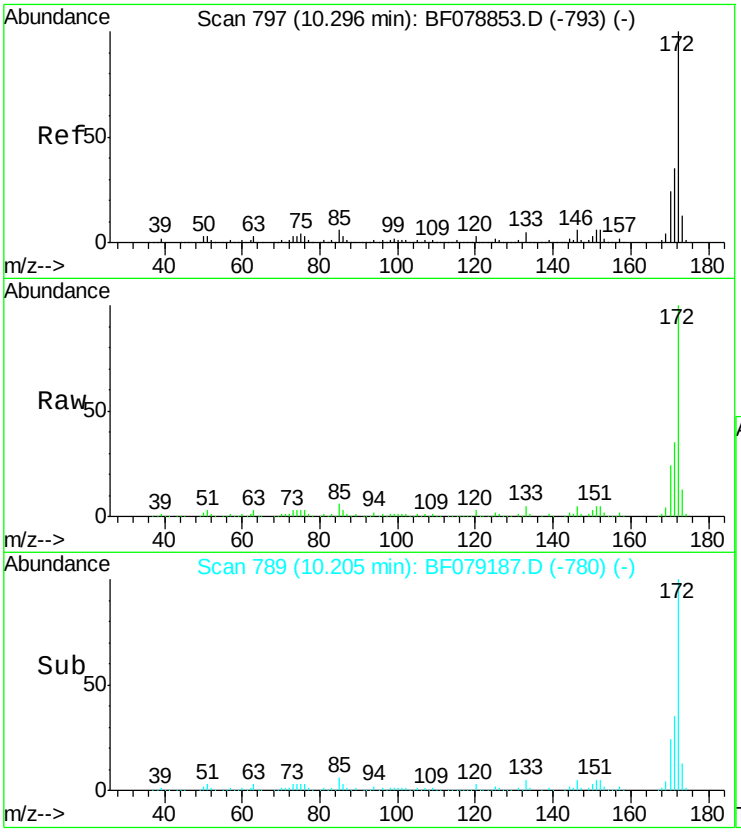


#41
2,4,6-Tribromophenol
Concen: 109.36 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:330 Resp: 119896

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	34.5	0.0	0.0#



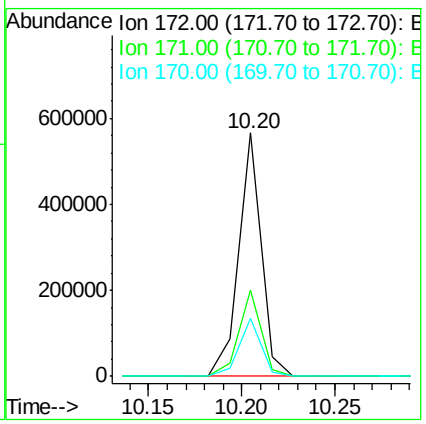


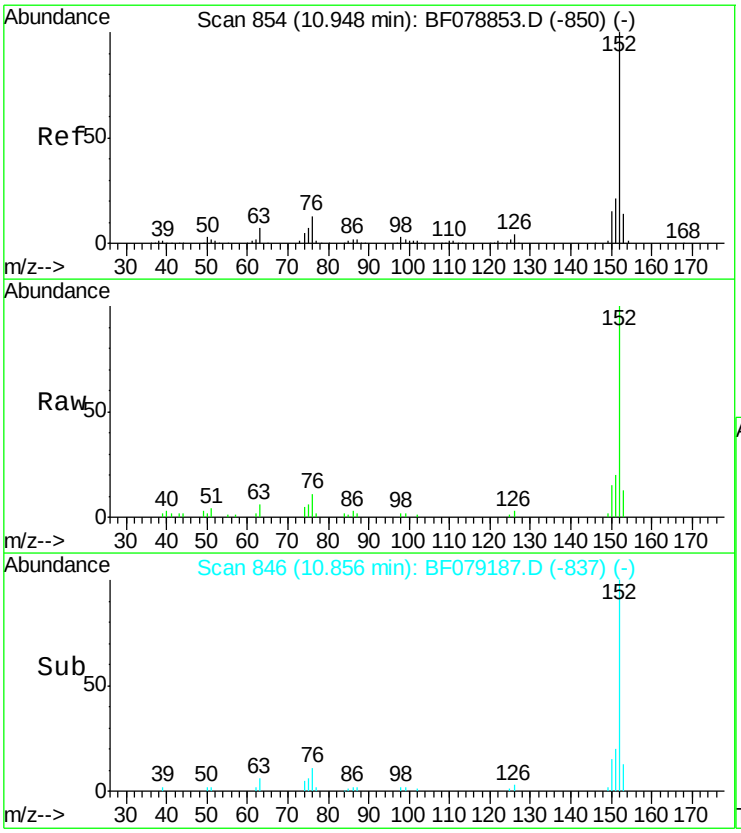
#44
2-Fluorobiphenyl
Concen: 66.28 ng
RT: 10.20 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:172 Resp: 482126

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.6	19.4	29.0

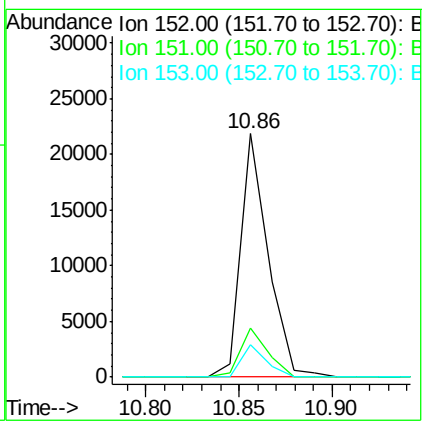


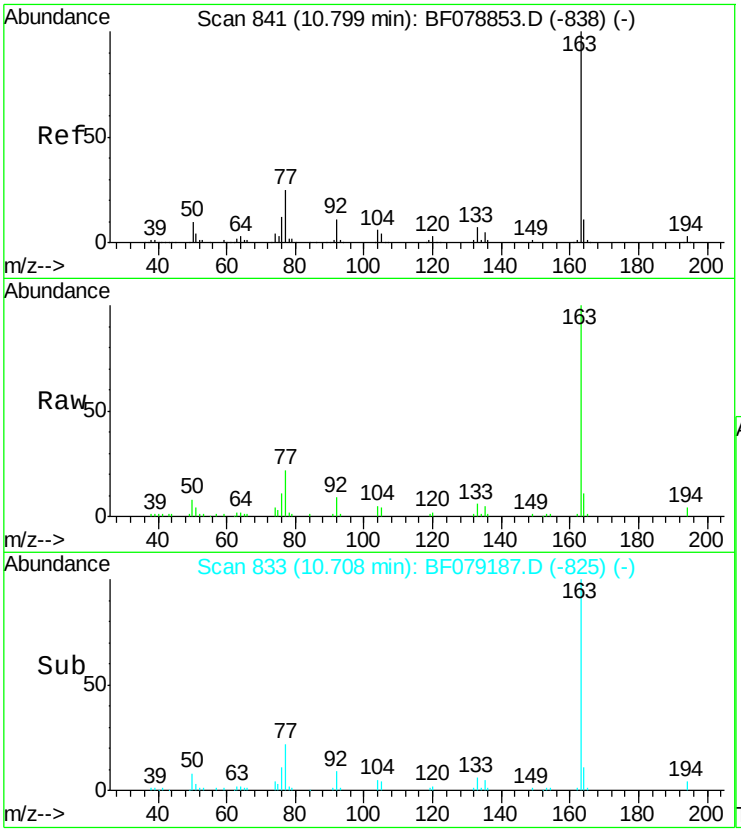


#48
Acenaphthylene
Concen: 2.17 ng
RT: 10.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:152 Resp: 22356

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.5	10.9	16.3



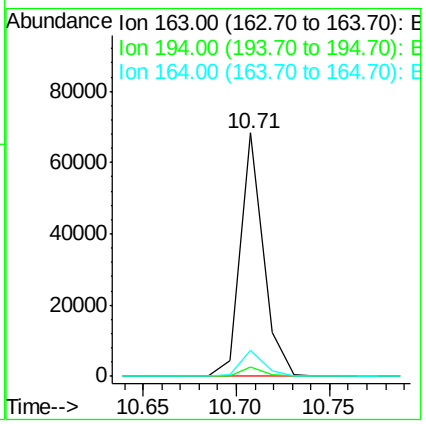


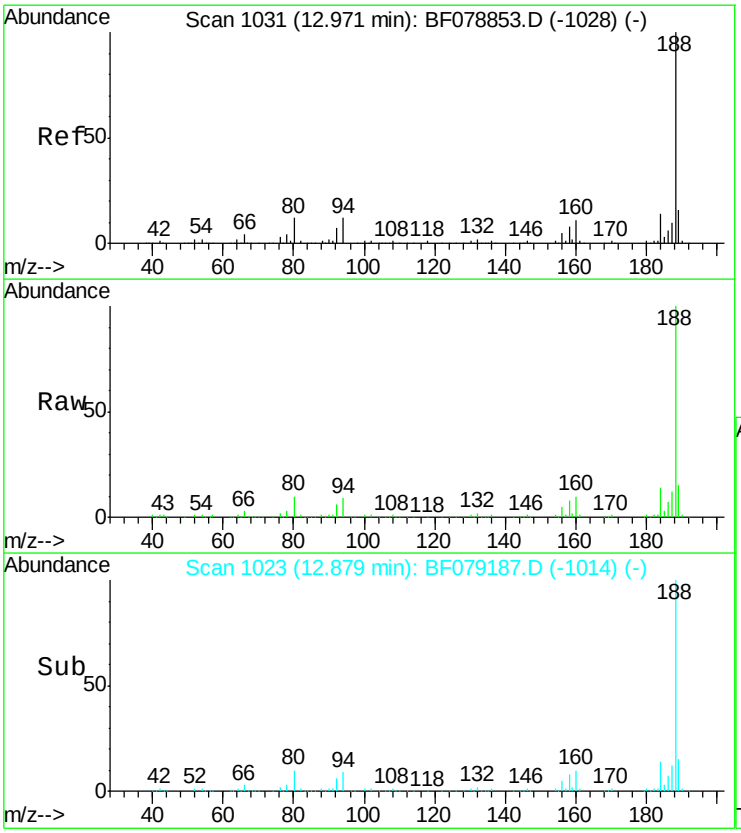
#49
Dimethylphthalate
Concen: 7.88 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:163 Resp: 58599

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.6	8.1	12.1

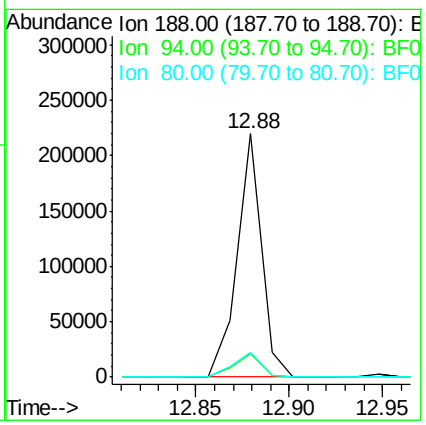


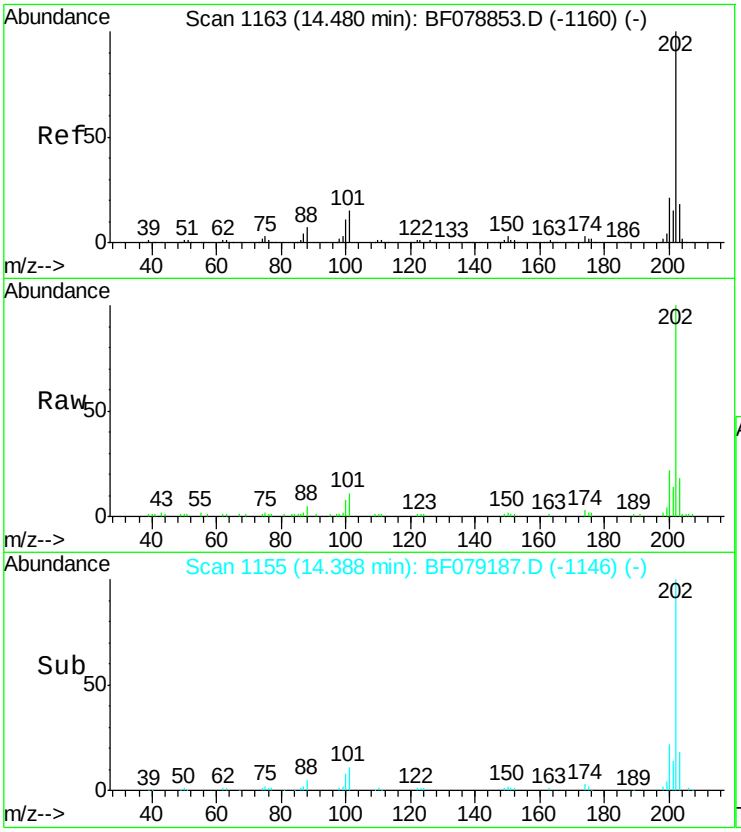


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:188 Resp: 201996

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	10.1	8.9	13.3



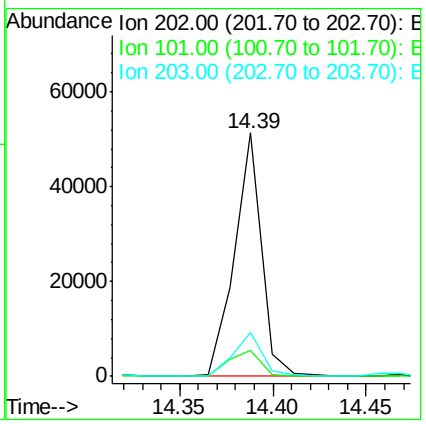


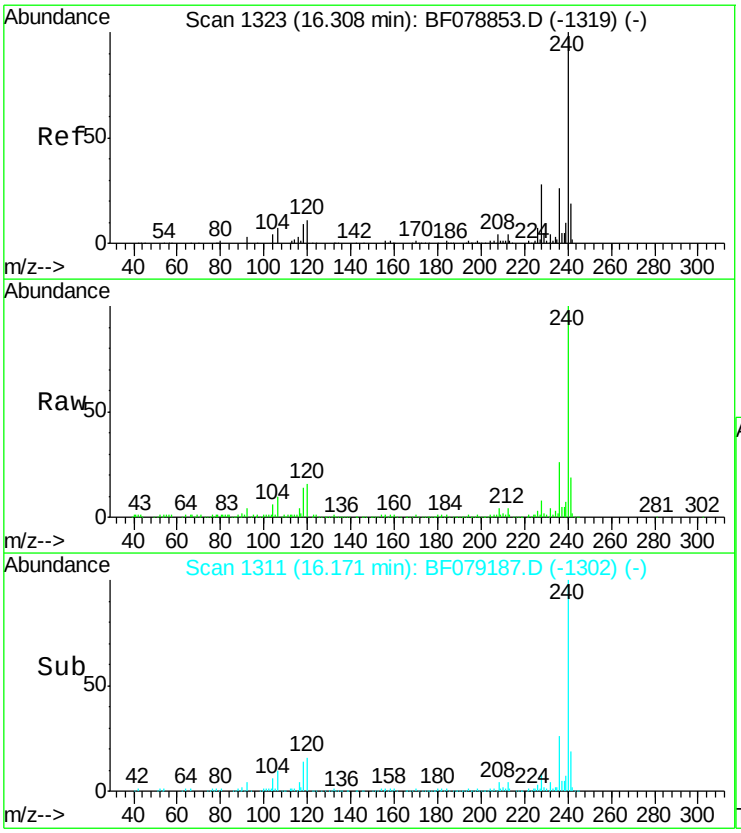
#74
Fluoranthene
Concen: 4.43 ng
RT: 14.39 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:202 Resp: 52192

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.6
203	18.1	0.0	38.4

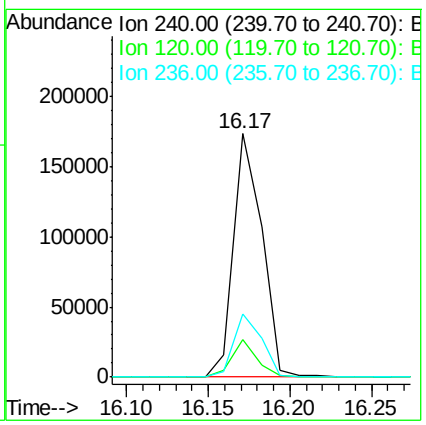


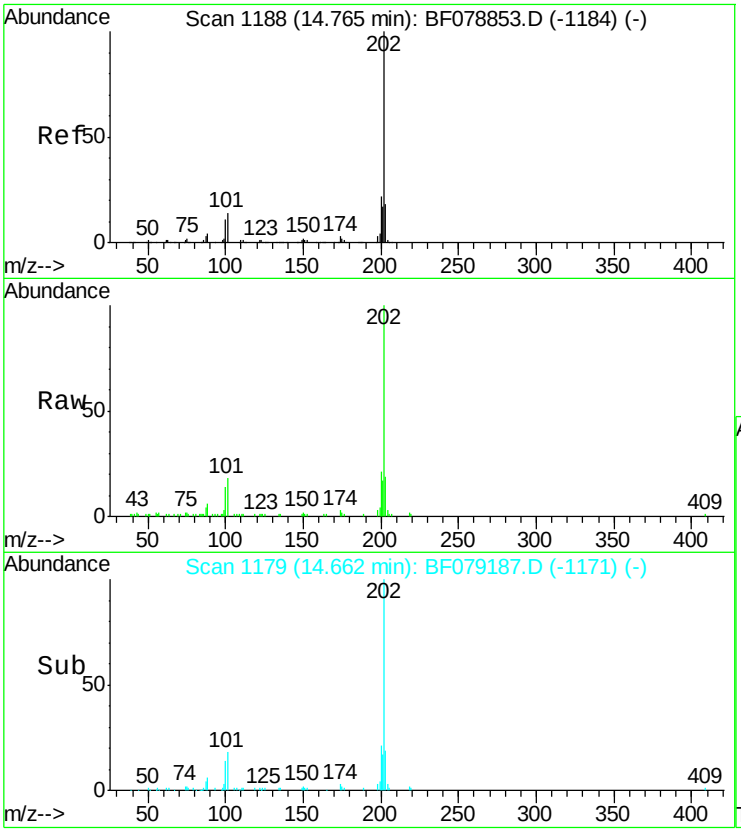


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:240 Resp: 208600

Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.7	14.5#
236	26.1	20.2	30.4



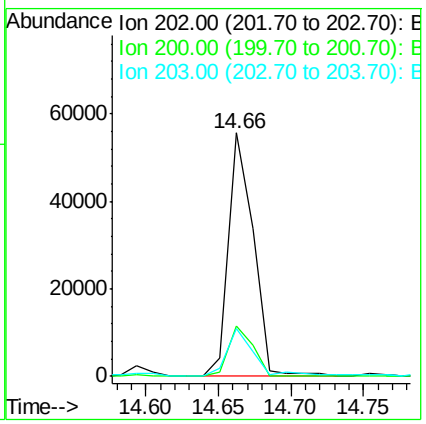


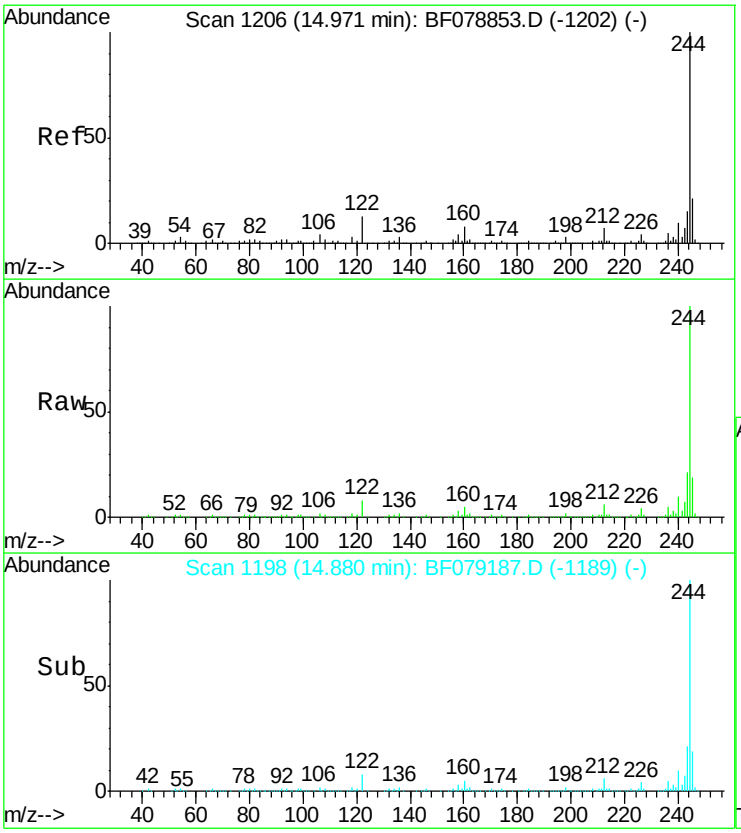
#77
Pyrene
Concen: 5.53 ng
RT: 14.66 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:202 Resp: 66483

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.5	26.3
203	19.4	13.9	20.9

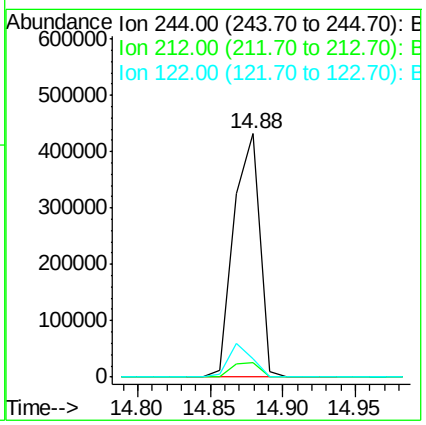


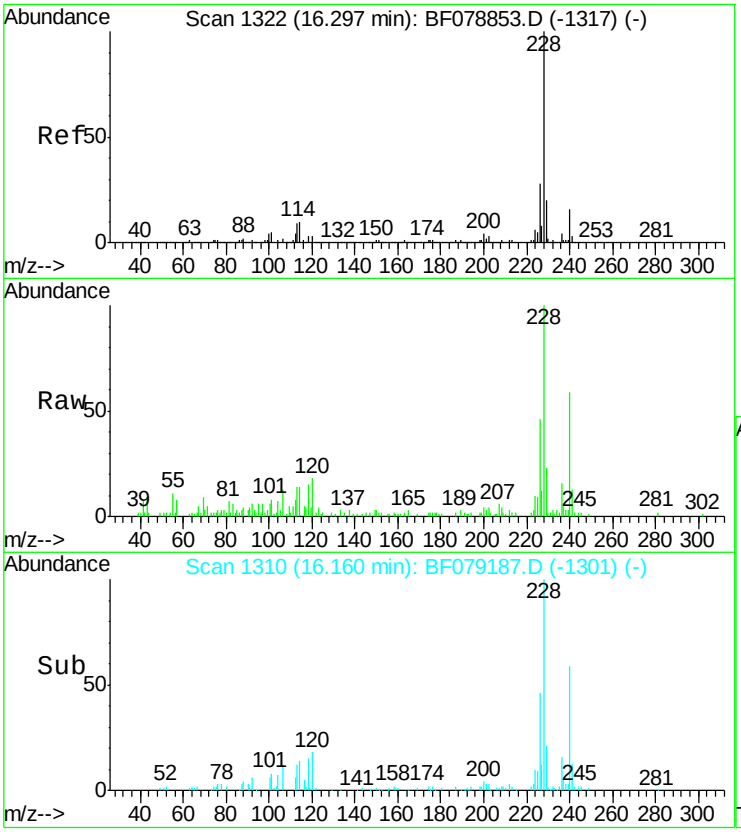


#78
Terphenyl-d14
Concen: 61.49 ng
RT: 14.88 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:244 Resp: 535751

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.6	8.4
122	7.6	10.3	15.5#



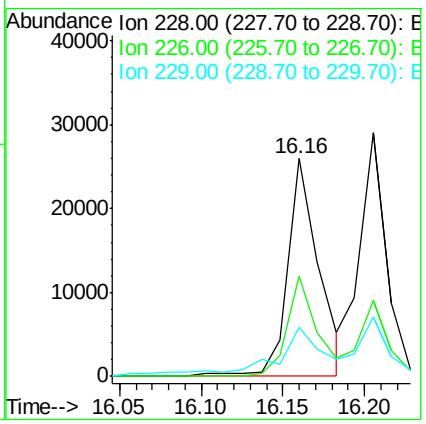


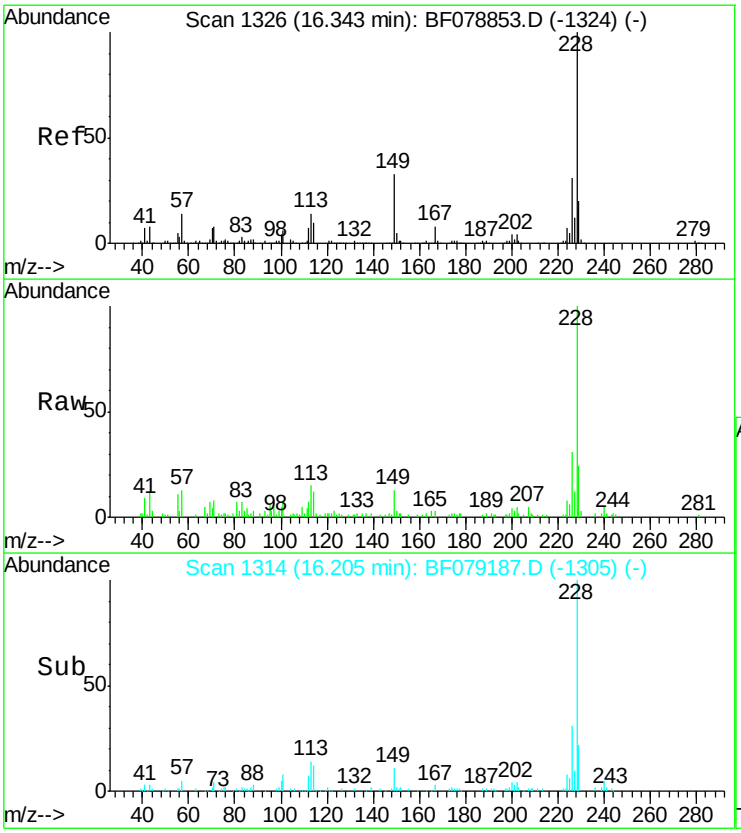
#80
Benzo(a)anthracene
Concen: 3.04 ng
RT: 16.16 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:228 Resp: 34764

Ion	Ratio	Lower	Upper
228	100		
226	46.3	22.6	33.8#
229	22.8	15.9	23.9

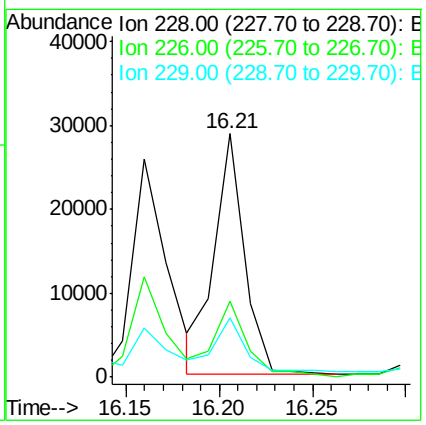


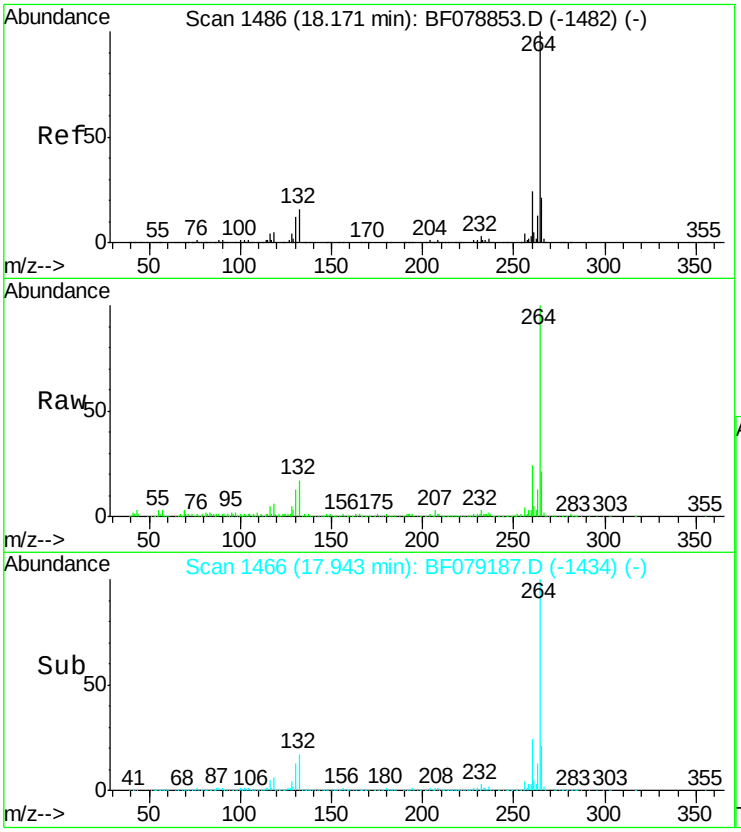


#82
Chrysene
Concen: 2.93 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:228 Resp: 32235

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	24.4	16.0	24.0#



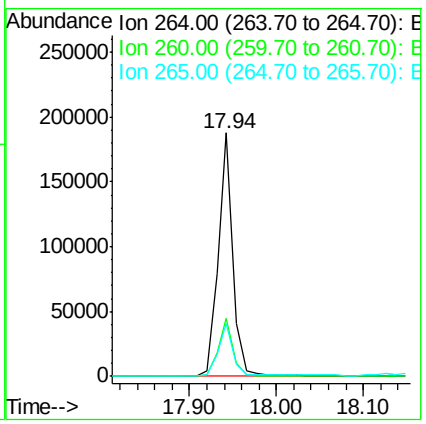


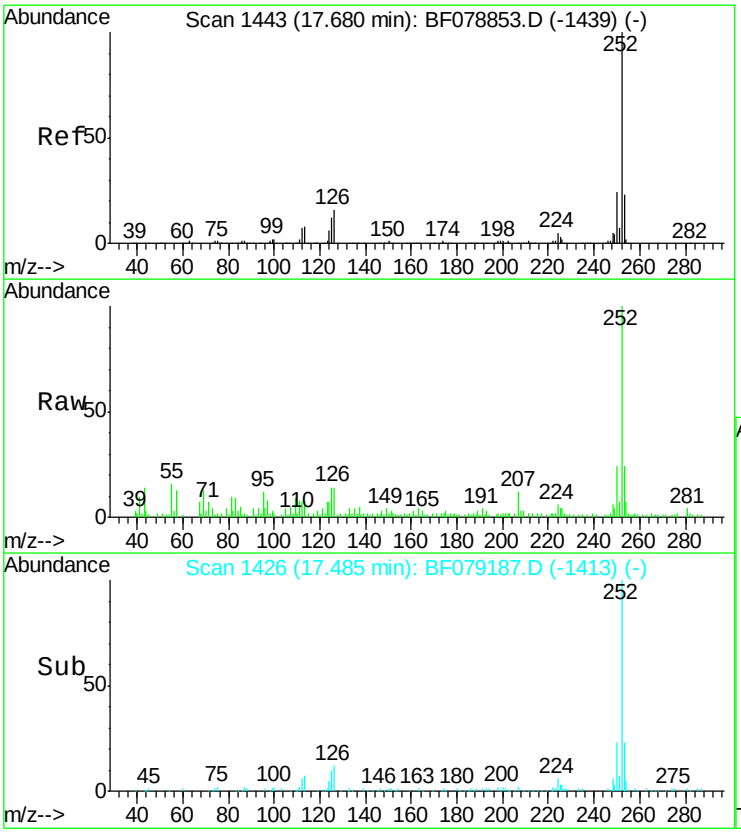
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.94 min Scan# 1466
Delta R.T. 0.07 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:264 Resp: 223495

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.5	18.3	27.5

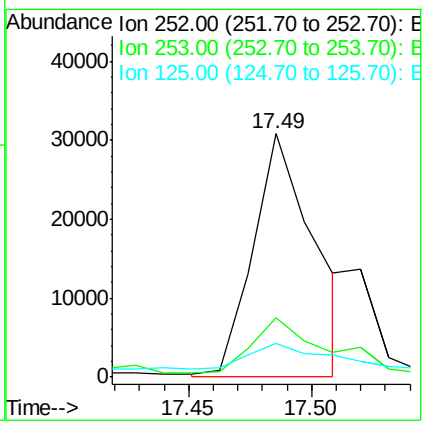


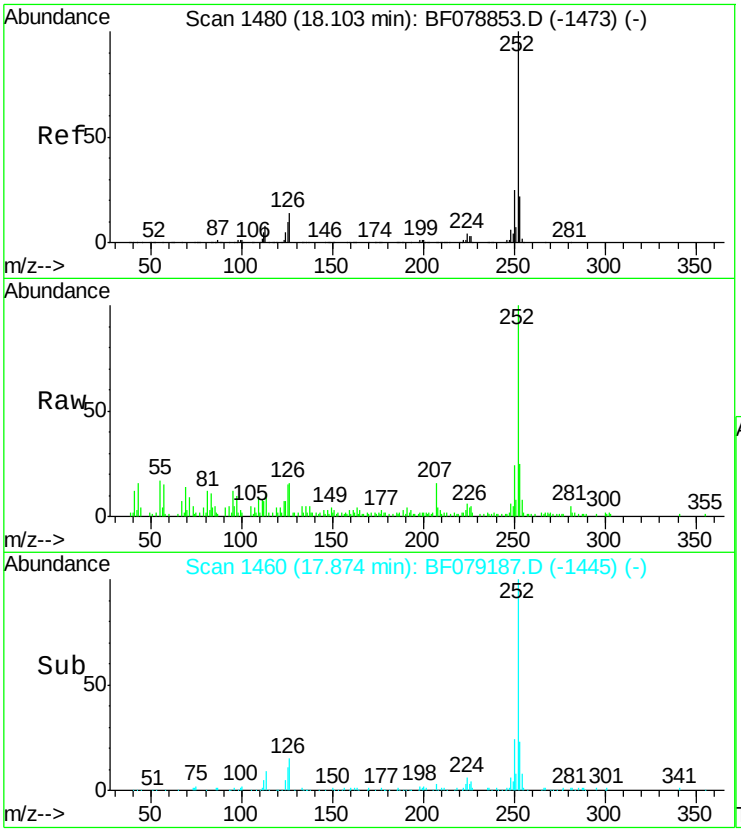


#87
Benzo(b)fluoranthene
Concen: 4.34 ng m
RT: 17.49 min Scan# 1426
Delta R.T. 0.05 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:252 Resp: 53080

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	13.8	9.5	14.3



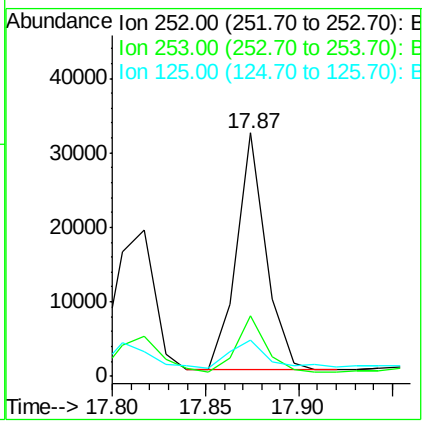


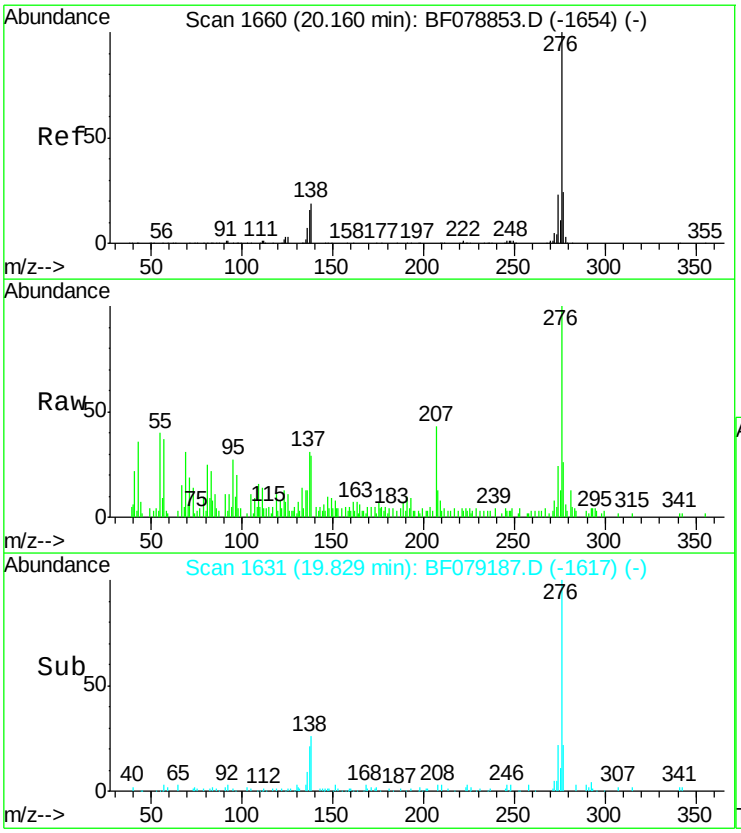
#89
Benzo(a)pyrene
Concen: 3.12 ng
RT: 17.87 min Scan# 1460
Delta R.T. 0.07 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Instrument :
BNA_F
ClientSampleId :
TU021-SB-19-2.5

Tgt Ion:252 Resp: 35187

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	15.1	7.0	10.6#





#91
Benzo(g,h,i)perylene
Concen: 2.49 ng
RT: 19.83 min Scan# 1631
Delta R.T. 0.06 min
Lab File: BF079187.D
Acq: 13 May 2015 7:14

Tgt Ion:276 Resp: 29827

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	29.4	17.4	26.0#