Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076882.D
Acq On : 15 Jan 2015 13:55
Operator : IZ / TP
Sample : G1030-08DL 50X
Misc : S
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP3-SS-2(4-6)DL

Quant Time: Jan 16 00:26:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28771	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	126165	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	66933	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	109022	20.00	ng		0.00
75) Chrysene-d12	21.31	240	102239	20.00	ng		0.00
86) Perylene-d12	23.00	264	96692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	2664	1.52	ng		0.02
7) Phenol-d6	7.44	99	3200	1.45	ng		0.02
23) Nitrobenzene-d5	9.32	82	2629	1.15	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	825	1.52	ng		0.00
44) 2-Fluorobiphenyl	13.58	172	5986	1.36	ng		-0.01
78) Terphenyl-d14	20.04	244	6735	1.52	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	17.84	178	130364	19.17	ng		99
71) Anthracene	17.92	178	34308	5.17	ng		97
74) Fluoranthene	19.49	202	228511	32.80	ng		99
77) Pyrene	19.77	202	186959	26.68	ng	#	94
80) Benzo(a)anthracene	21.29	228	108057	16.85	ng		97
82) Chrysene	21.34	228	77862	13.31	ng		98
85) Indeno(1,2,3-cd)pyrene	24.14	276	45264	7.30	ng	#	80
87) Benzo(b)fluoranthene	22.57	252	109457m	16.81	ng		
88) Benzo(k)fluoranthene	22.60	252	33377m	5.87	ng		
89) Benzo(a)pyrene	22.93	252	74327	12.94	ng	#	98
91) Benzo(g,h,i)perylene	24.45	276	42256	8.06	ng	#	94

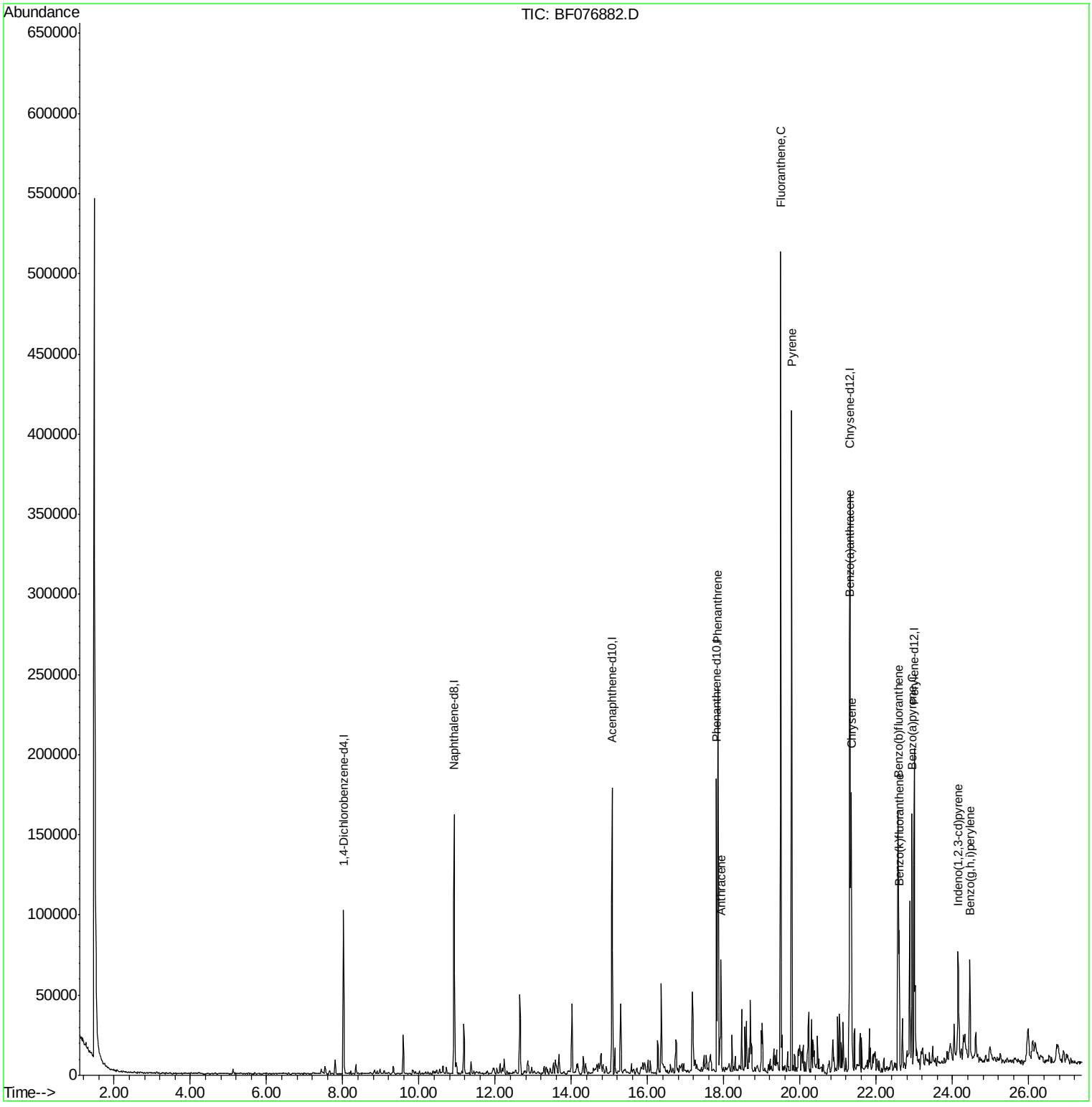
(#) = qualifier out of range (m) = manual integration (+) = signals summed

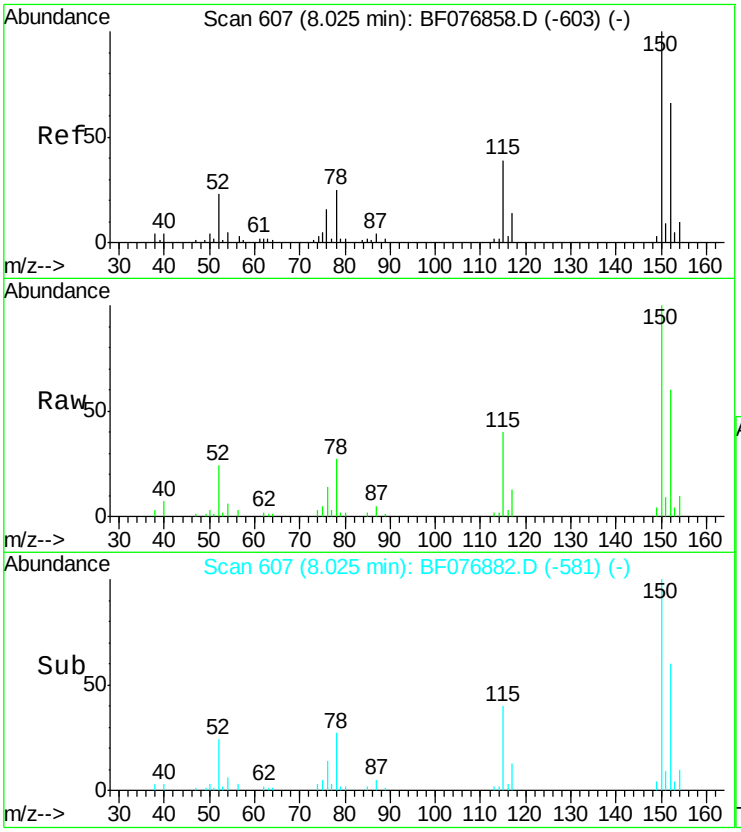
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076882.D
Acq On : 15 Jan 2015 13:55
Operator : IZ / TP
Sample : G1030-08DL 50X
Misc : S
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Quant Time: Jan 16 00:26:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration



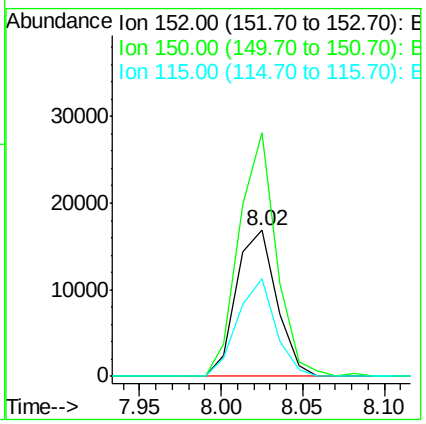


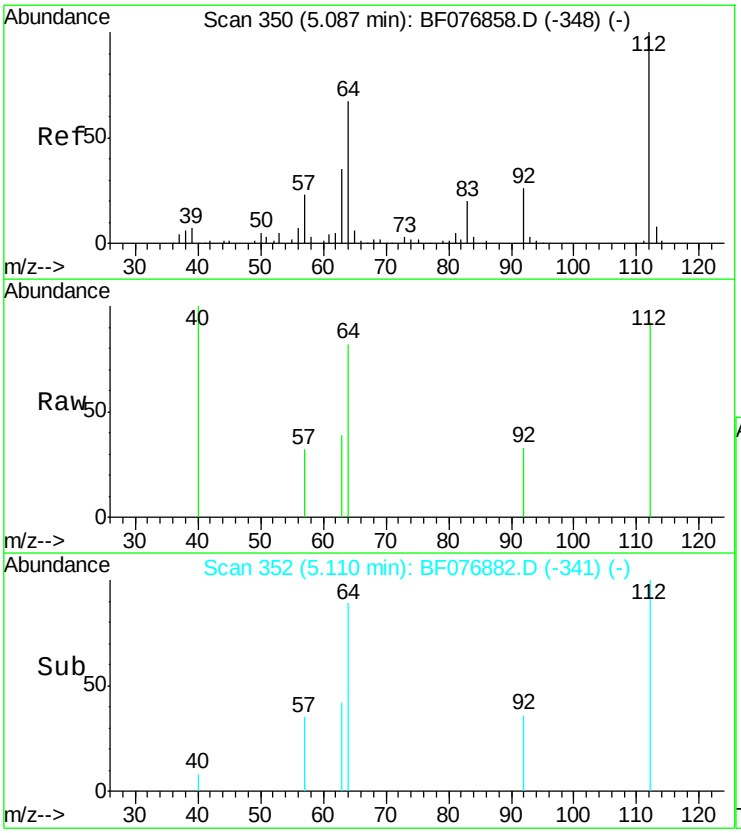
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:152 Resp: 28771

Ion	Ratio	Lower	Upper
152	100		
150	166.5	121.7	182.5
115	66.4	47.0	70.6

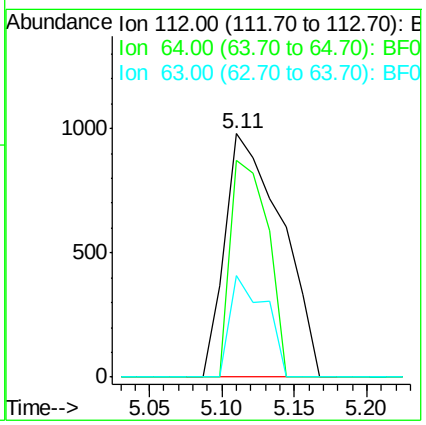


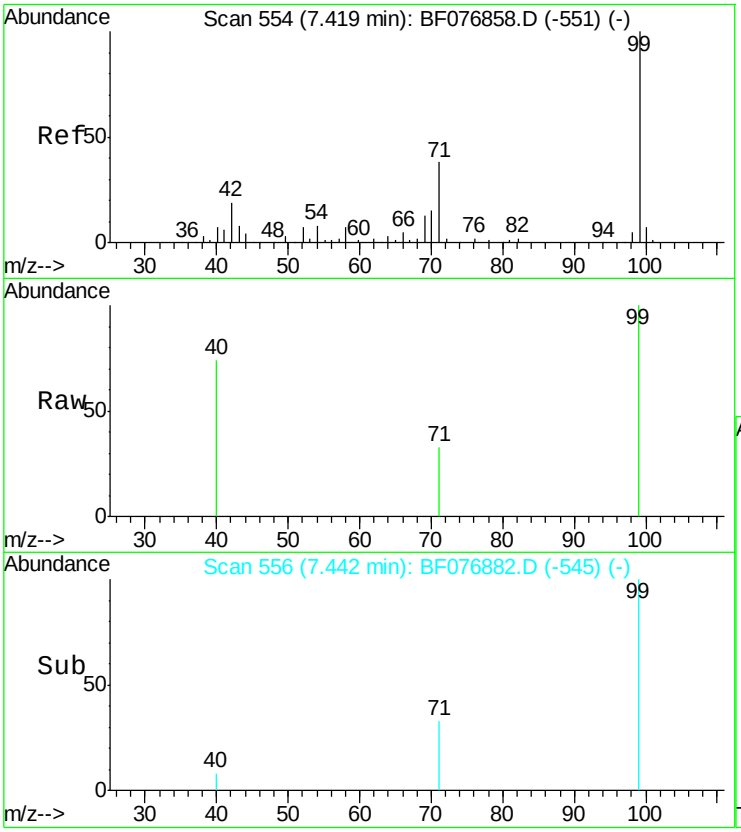


#5
2-Fluorophenol
Concen: 1.52 ng
RT: 5.11 min Scan# 352
Delta R.T. 0.02 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:112 Resp: 2664

Ion	Ratio	Lower	Upper
112	100		
64	89.0	54.2	81.4#
63	41.9	28.4	42.6



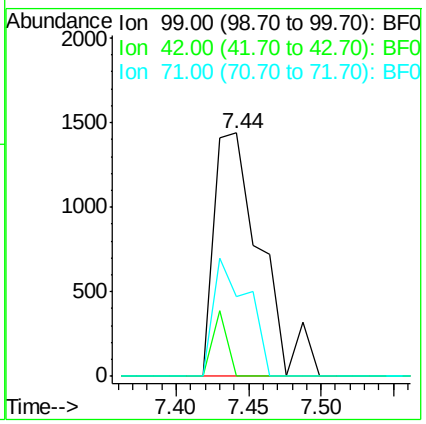


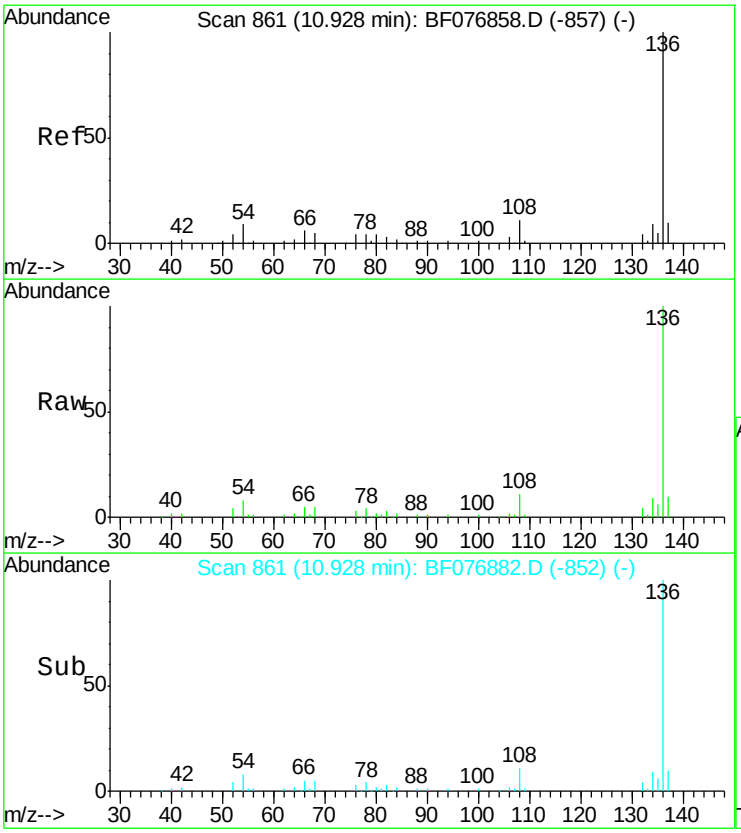
#7
Phenol-d6
Concen: 1.45 ng
RT: 7.44 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion: 99 Resp: 3200

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.0	22.4#
71	32.5	30.5	45.7

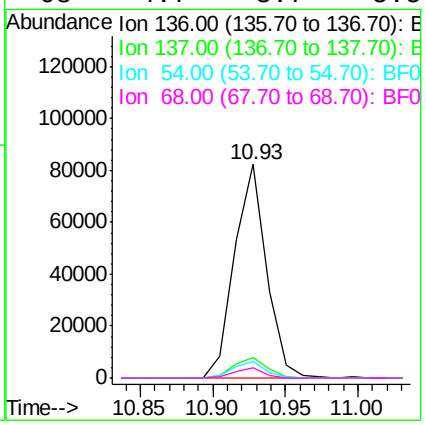


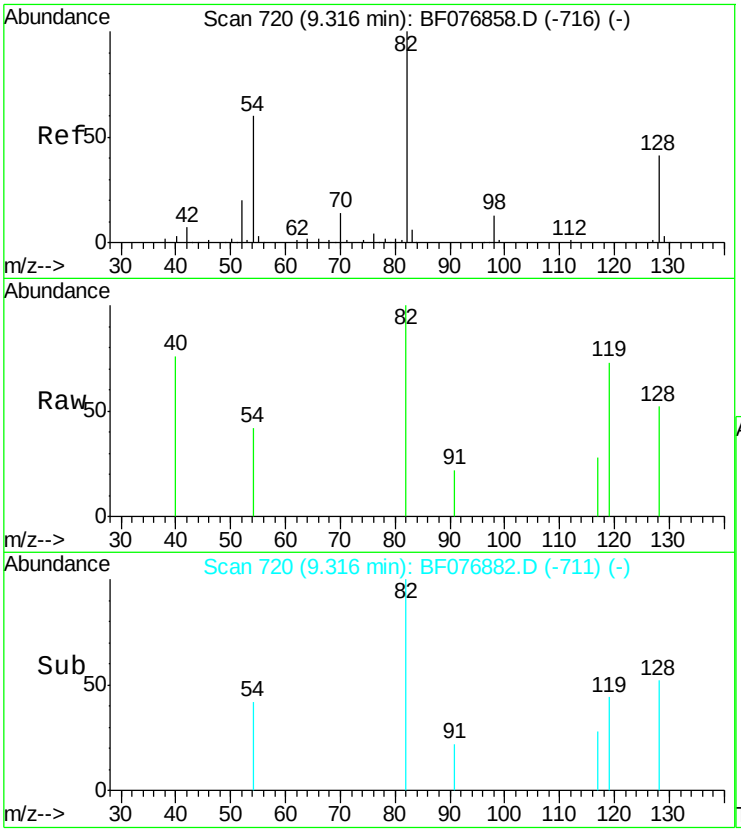


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:136 Resp: 126165

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.1	12.1
54	7.9	7.0	10.4
68	4.7	3.7	5.5



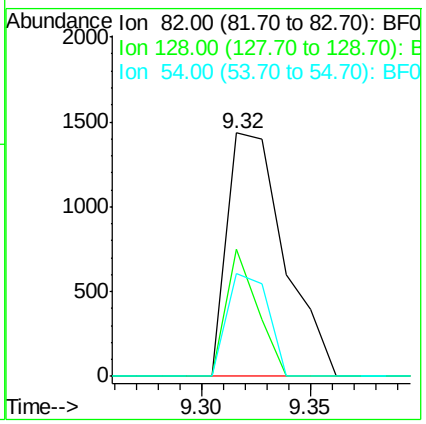


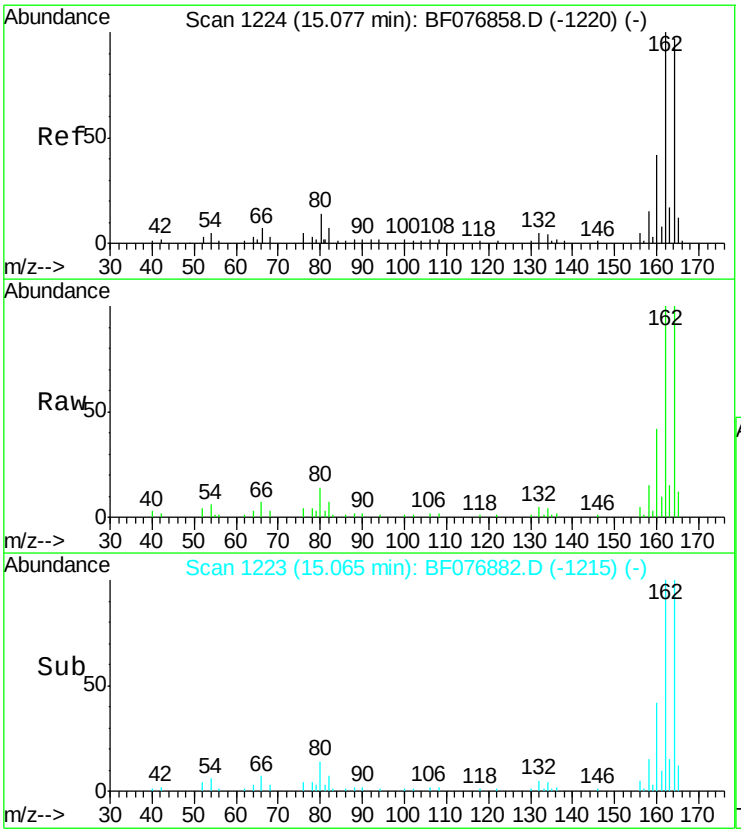
#23
Nitrobenzene-d5
Concen: 1.15 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion: 82 Resp: 2629

Ion	Ratio	Lower	Upper
82	100		
128	52.1	33.1	49.7#
54	42.3	48.3	72.5#

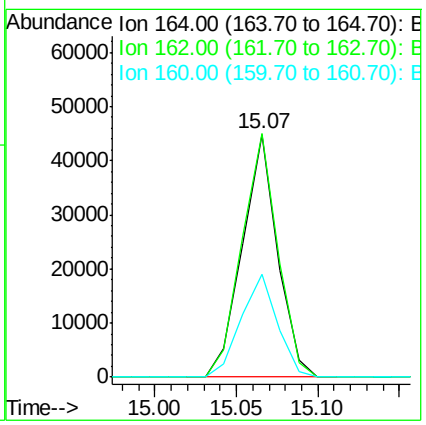


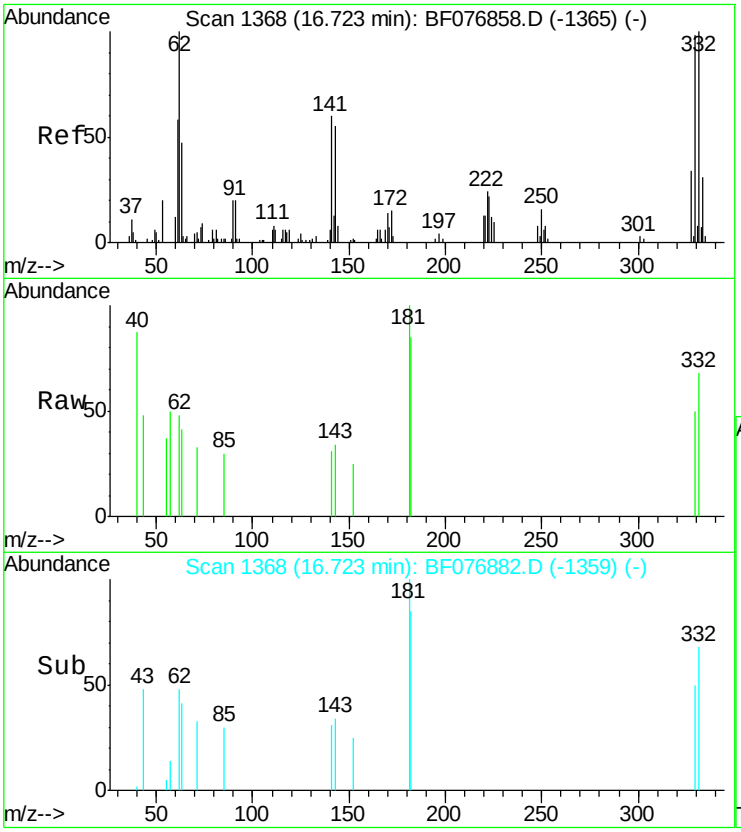


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:164 Resp: 66933

Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.4	123.6
160	42.5	34.8	52.2



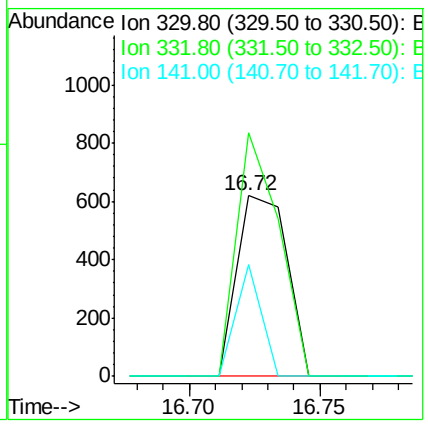


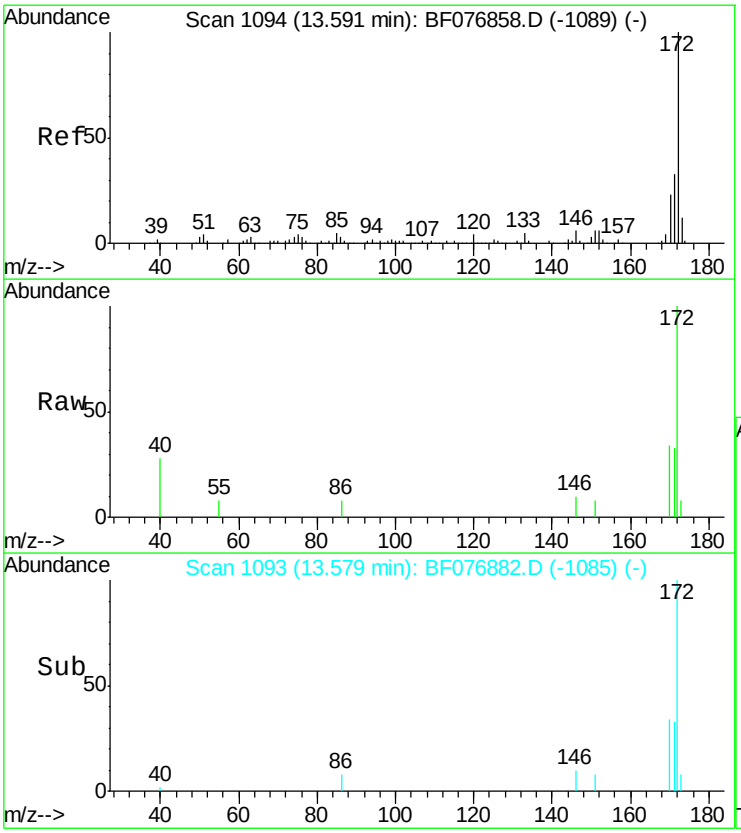
#41
2,4,6-Tribromophenol
Concen: 1.52 ng
RT: 16.72 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:330 Resp: 825

Ion	Ratio	Lower	Upper
330	100		
332	114.3	77.8	116.6
141	31.8	38.5	57.7#

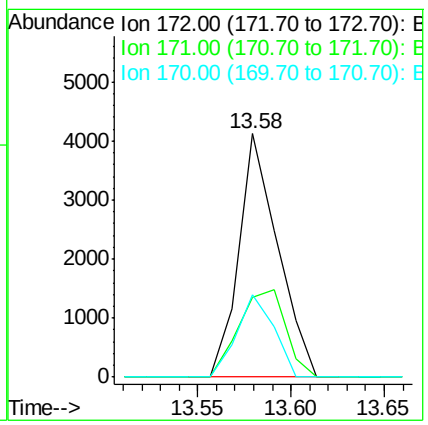


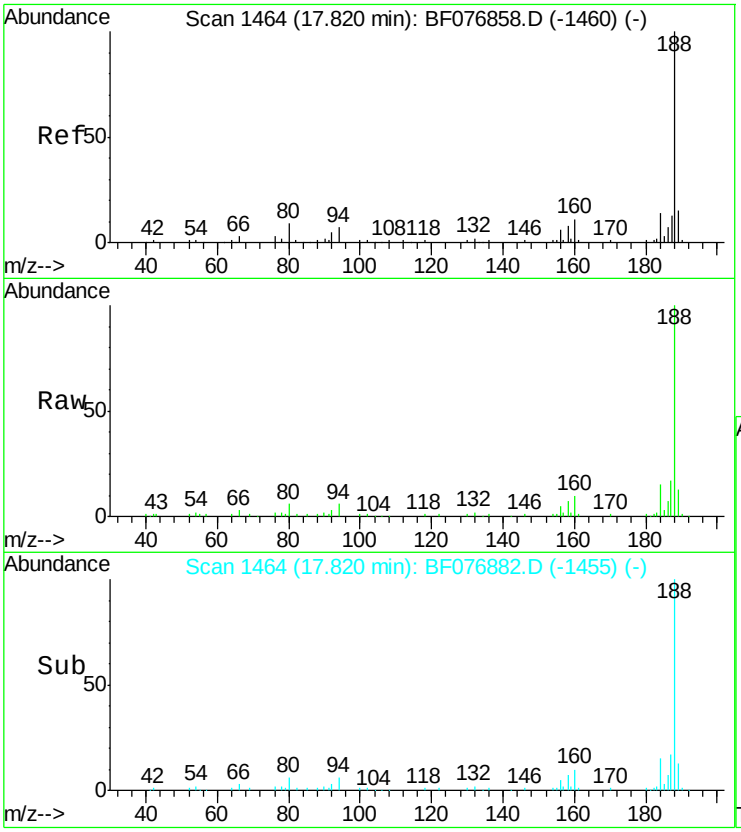


#44
2-Fluorobiphenyl
Concen: 1.36 ng
RT: 13.58 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:172 Resp: 5986

Ion	Ratio	Lower	Upper
172	100		
171	32.7	26.6	40.0
170	33.6	18.0	27.0#



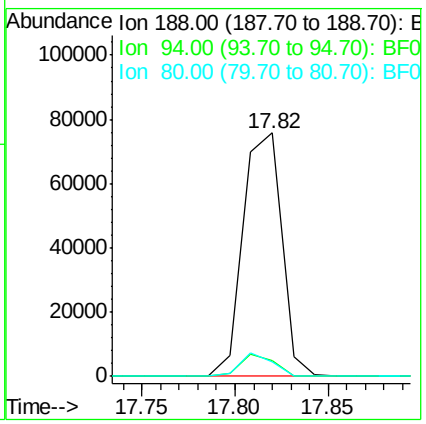


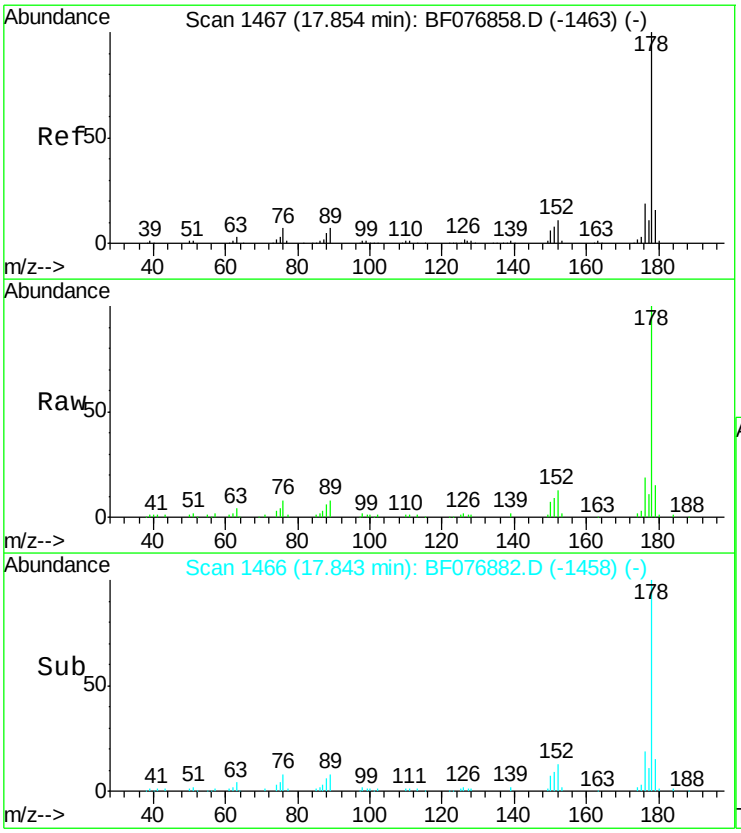
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:188 Resp: 109022

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.0	9.0
80	6.0	6.9	10.3#

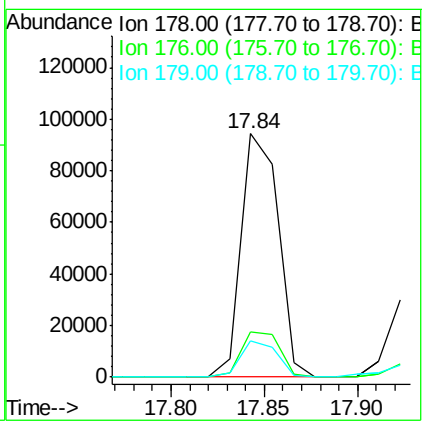


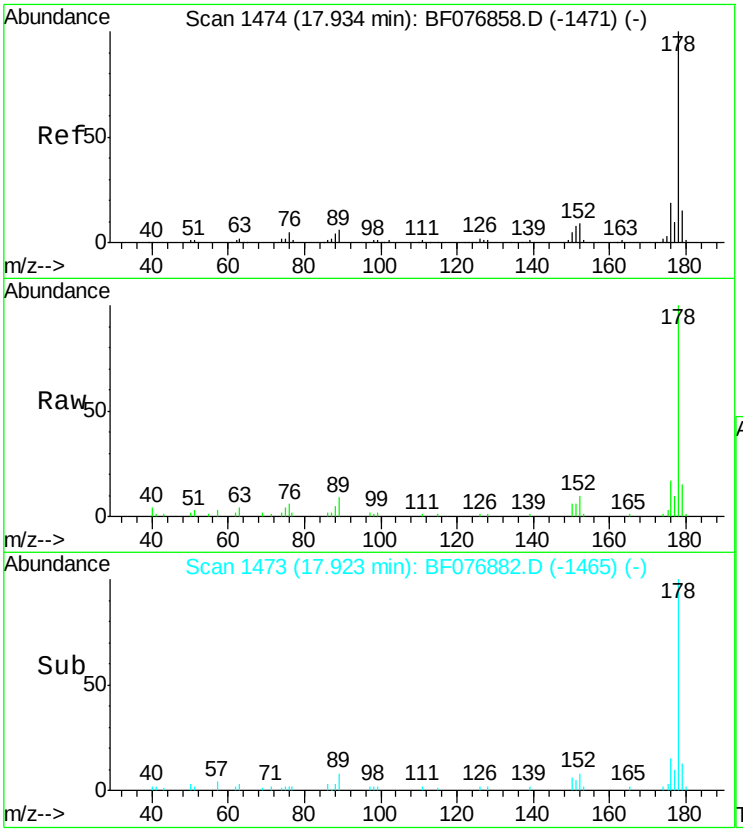


#70
Phenanthrene
Concen: 19.17 ng
RT: 17.84 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:178 Resp: 130364

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.0	12.7	19.1



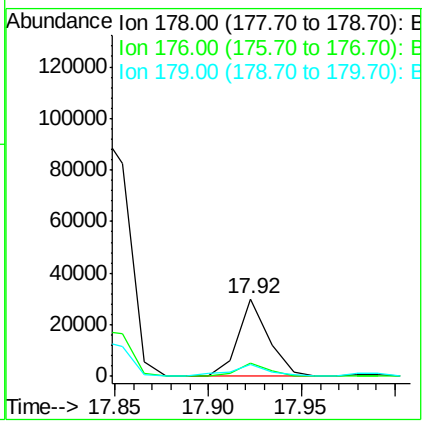


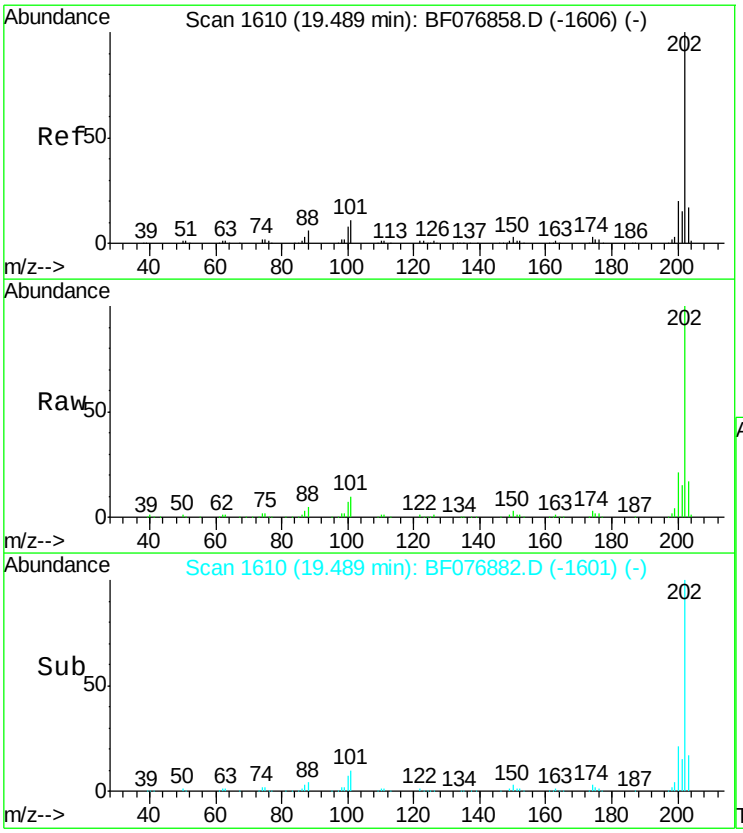
#71
Anthracene
Concen: 5.17 ng
RT: 17.92 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:178 Resp: 34308

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.4	23.0
179	14.6	11.9	17.9

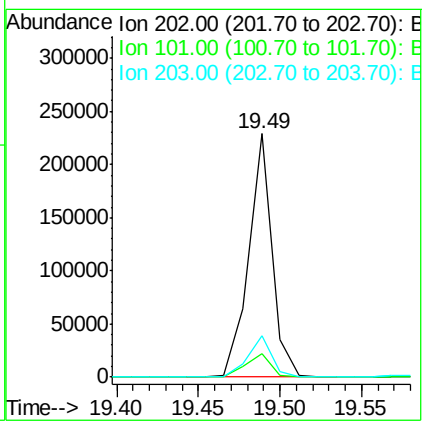


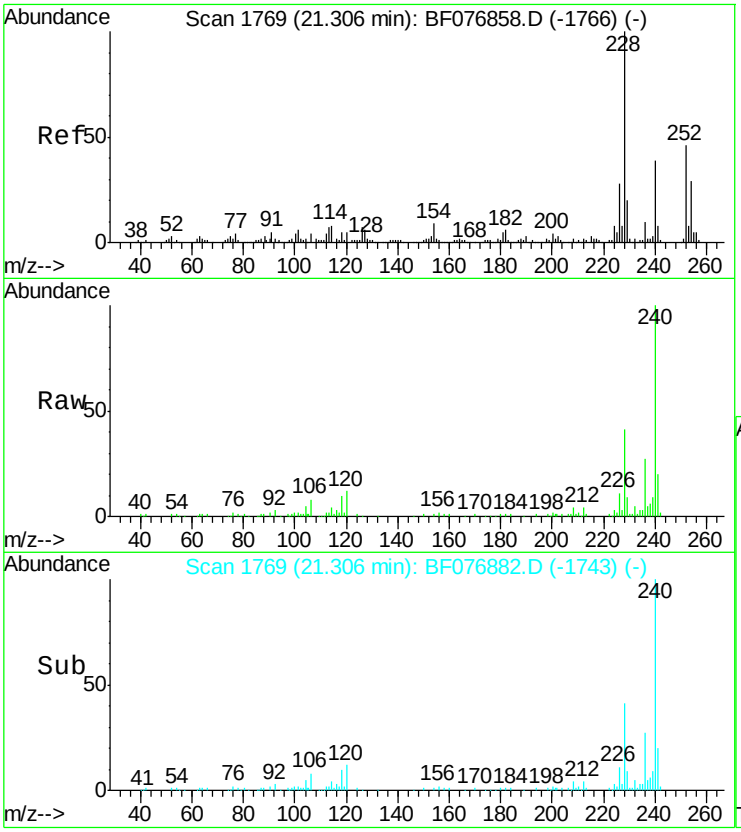


#74
Fluoranthene
Concen: 32.80 ng
RT: 19.49 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:202 Resp: 228511

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.7
203	17.0	0.0	36.9



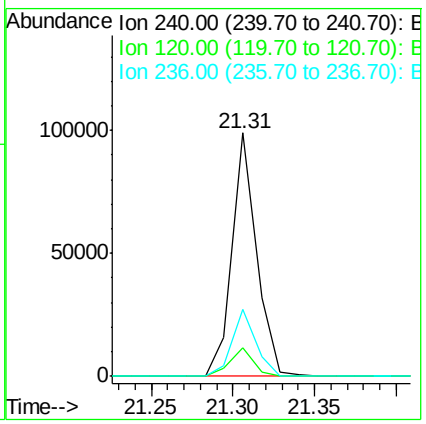


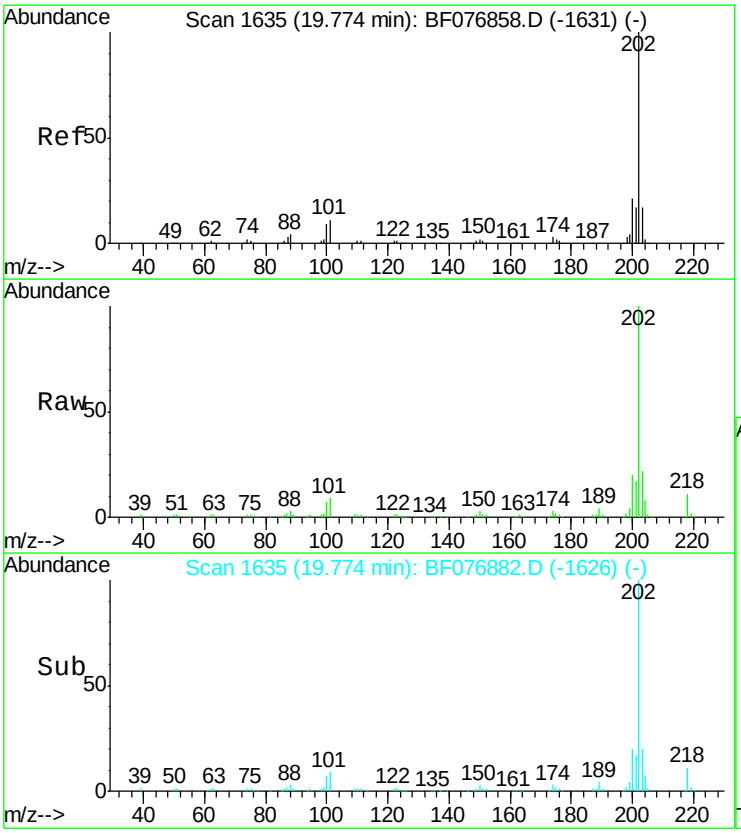
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:240 Resp: 102239

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.4	15.6
236	27.4	20.2	30.2

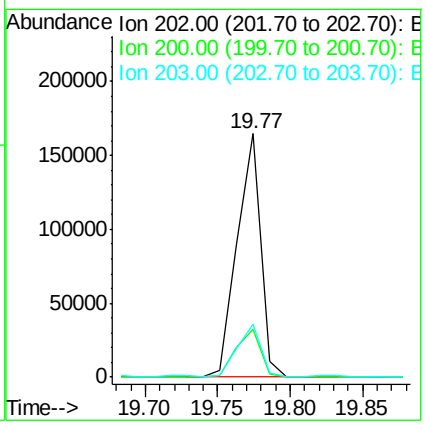


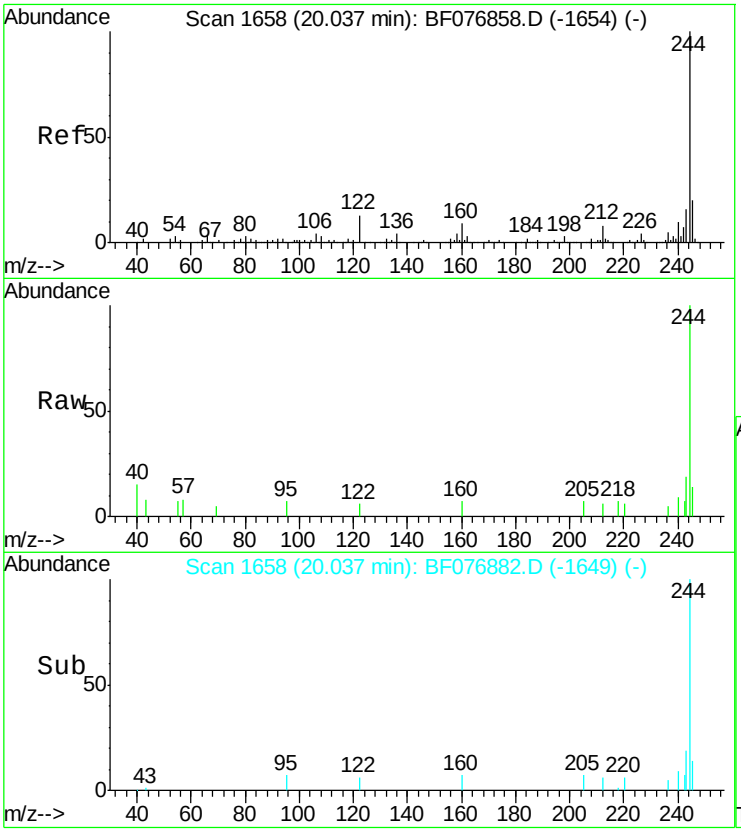


#77
Pyrene
Concen: 26.68 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:202 Resp: 186959

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.7	25.1
203	21.6	14.0	21.0#



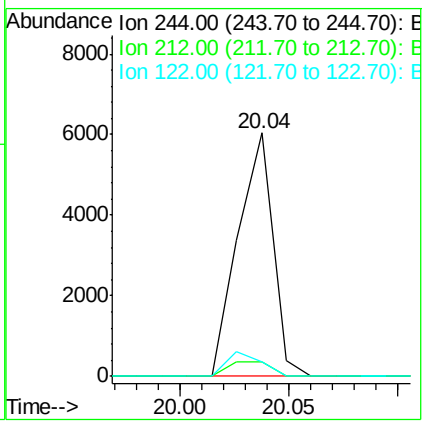


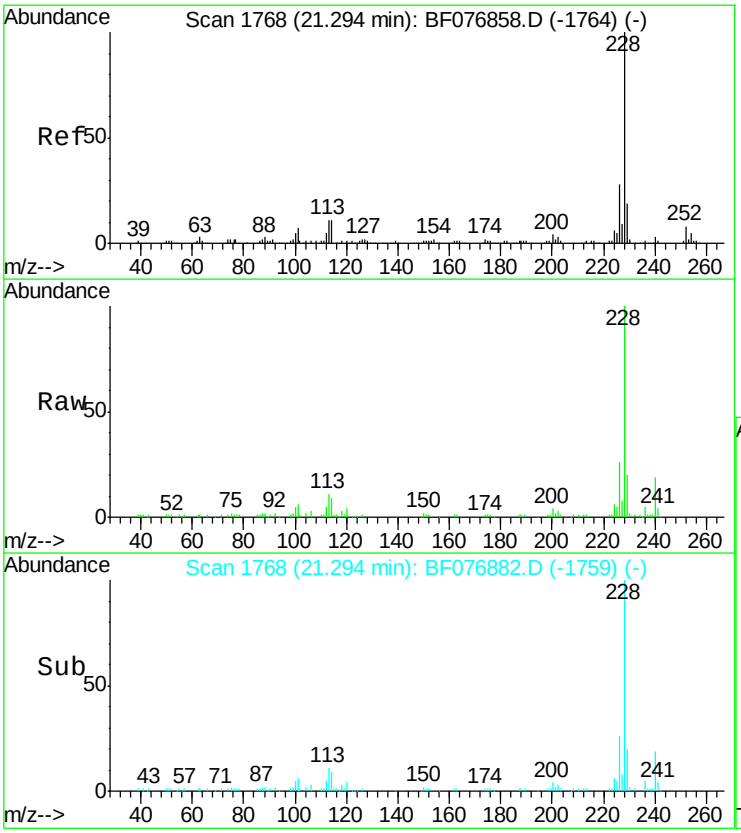
#78
Terphenyl-d14
Concen: 1.52 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:244 Resp: 6735

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.3	9.5#
122	6.1	10.1	15.1#

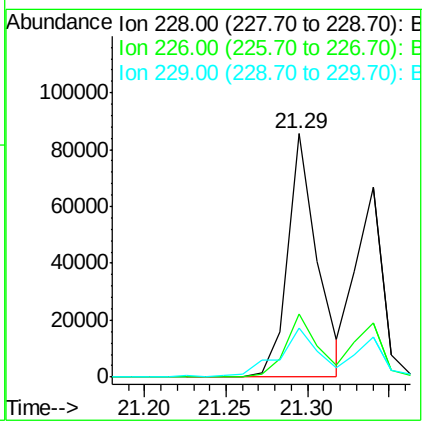


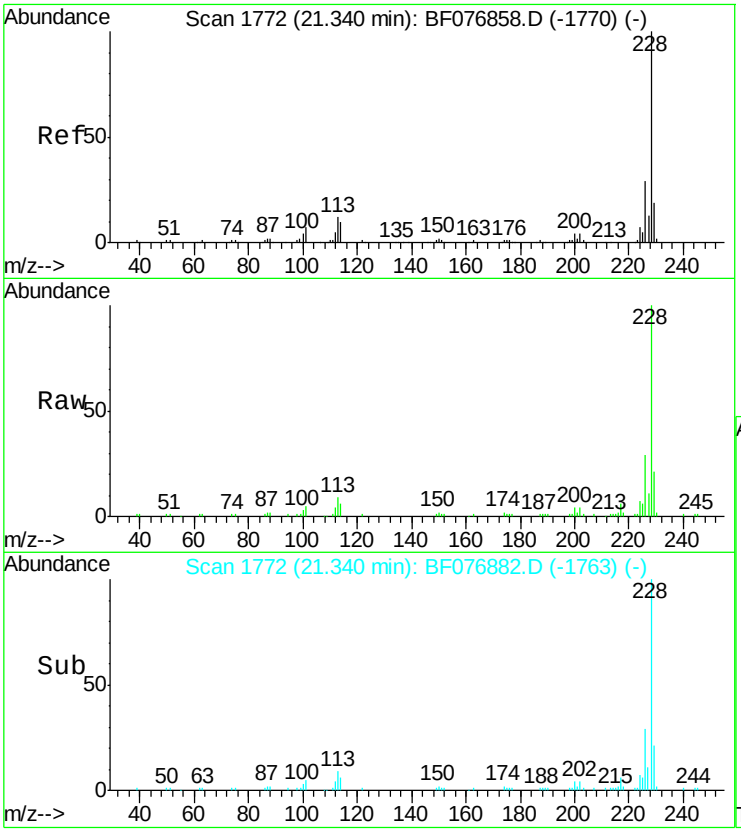


#80
Benzo(a)anthracene
Concen: 16.85 ng
RT: 21.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:228 Resp: 108057

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.1	33.1
229	20.2	15.5	23.3



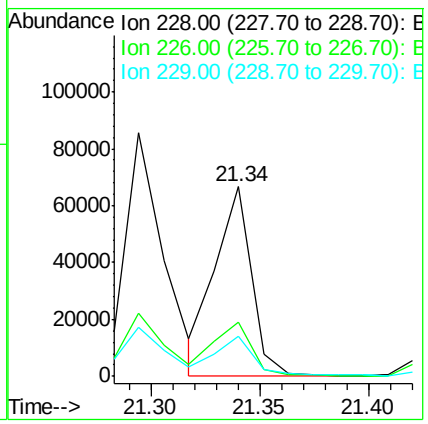


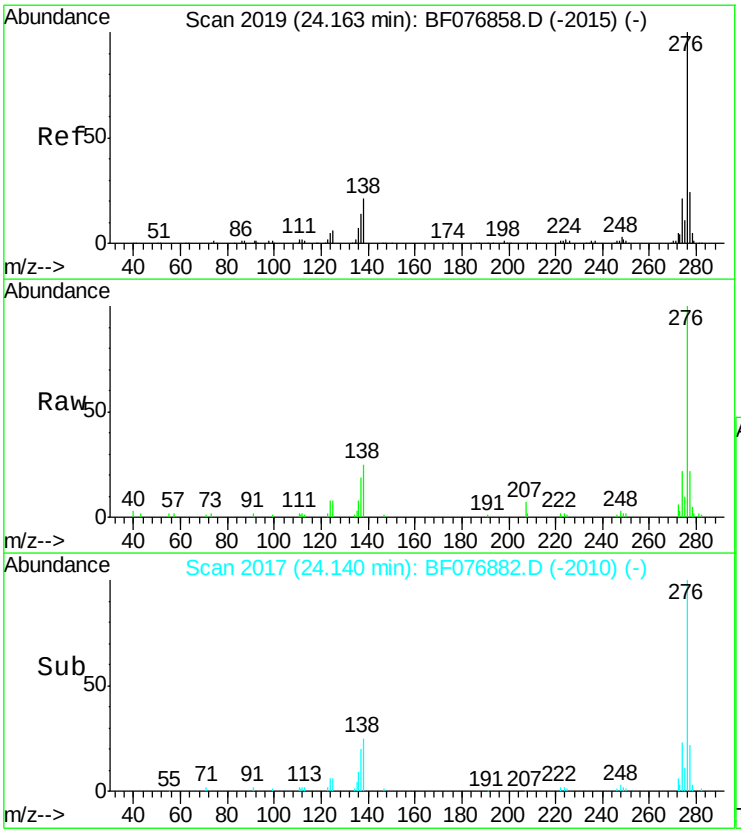
#82
Chrysene
Concen: 13.31 ng
RT: 21.34 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:228 Resp: 77862

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	21.1	15.4	23.0

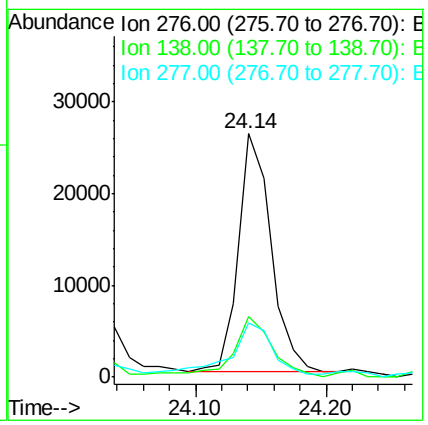


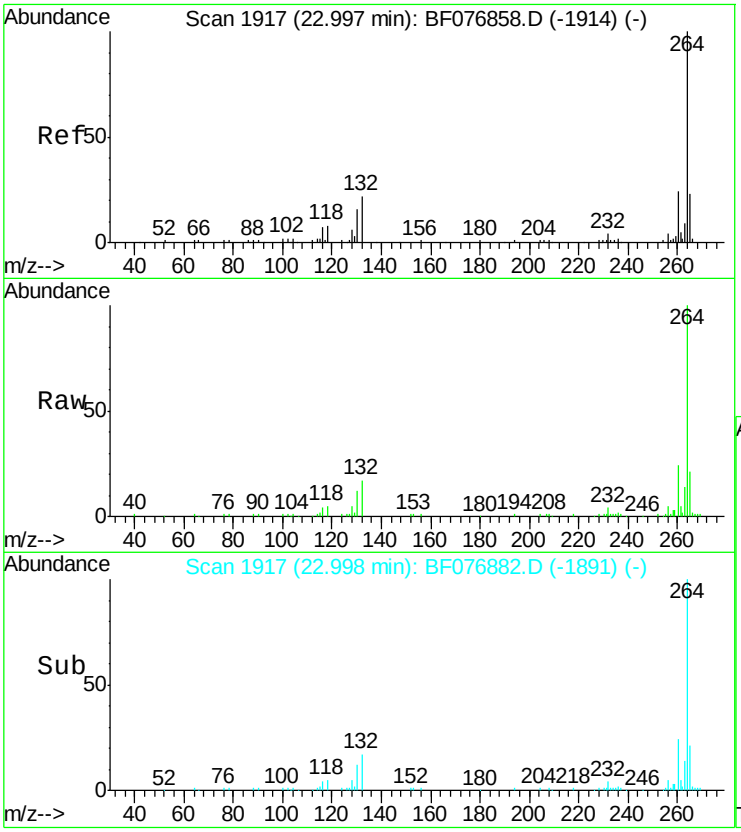


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.30 ng
RT: 24.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:276 Resp: 45264

Ion	Ratio	Lower	Upper
276	100		
138	28.9	14.6	22.0#
277	26.1	14.8	22.2#



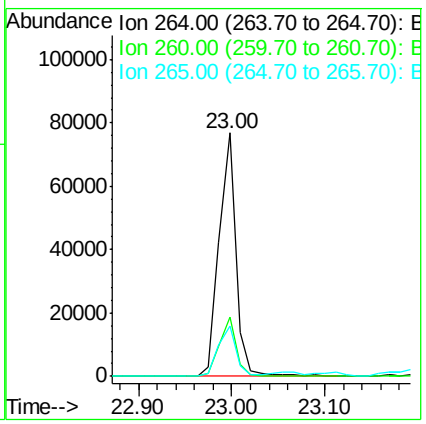


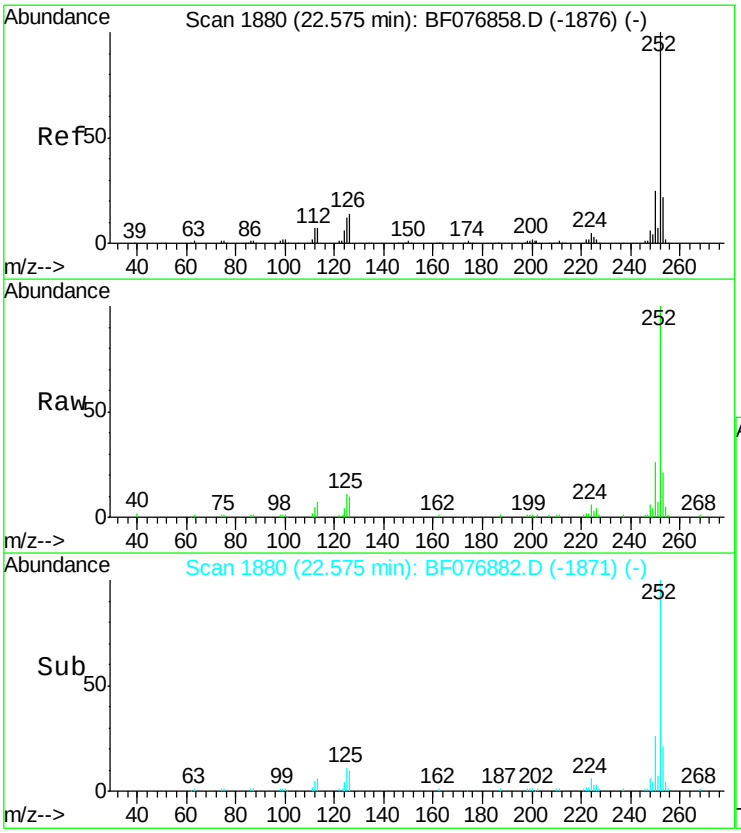
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.00 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:264 Resp: 96692

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	20.6	18.1	27.1

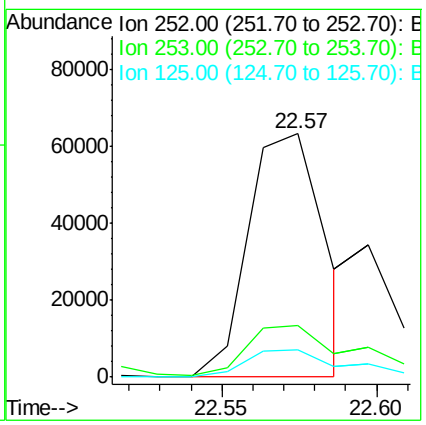


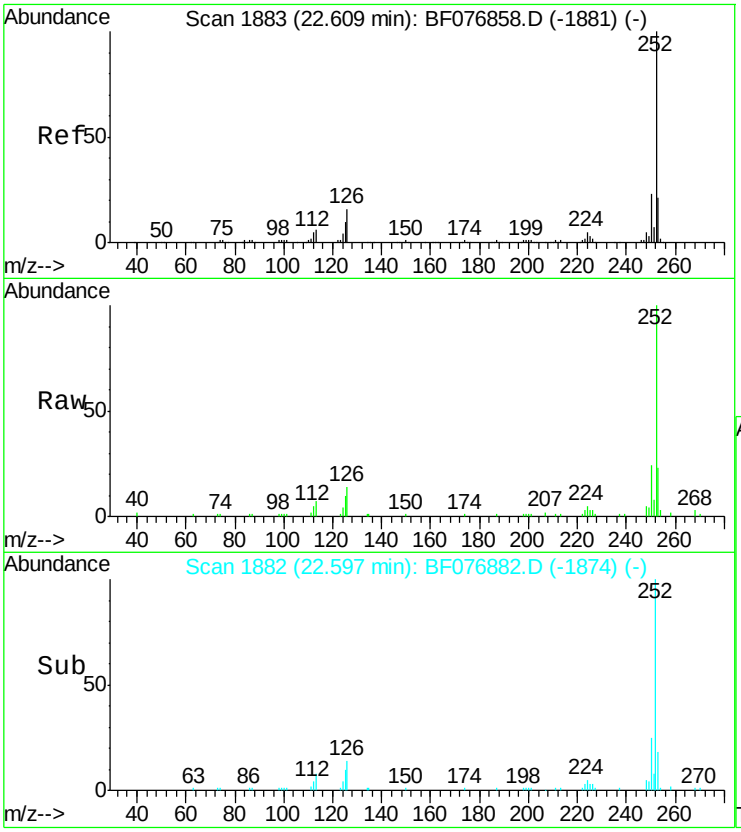


#87
Benzo(b)fluoranthene
Concen: 16.81 ng m
RT: 22.57 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:252 Resp: 109457

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	11.1	9.4	14.0



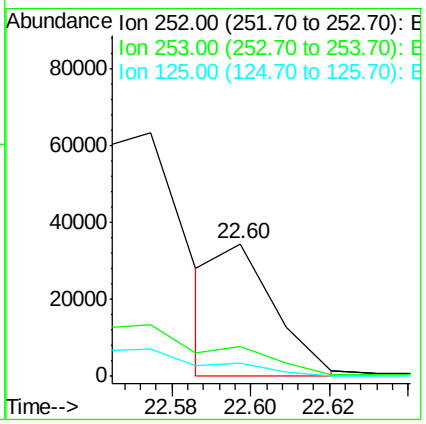


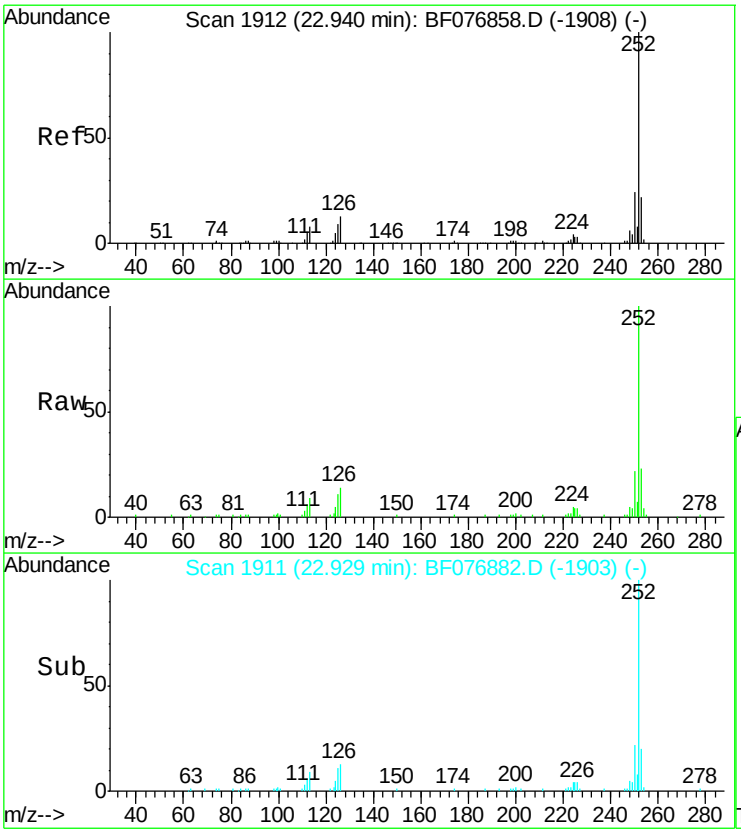
#88
Benzo(k)fluoranthene
Concen: 5.87 ng m
RT: 22.60 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:252 Resp: 33377

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	9.6	7.1	10.7

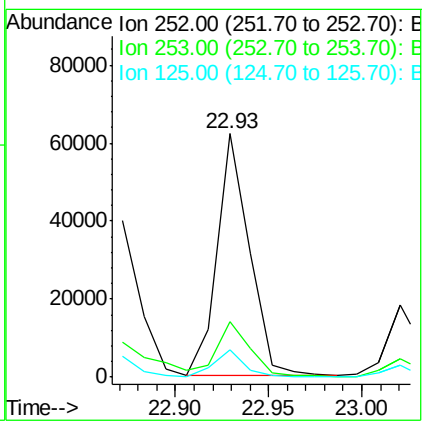


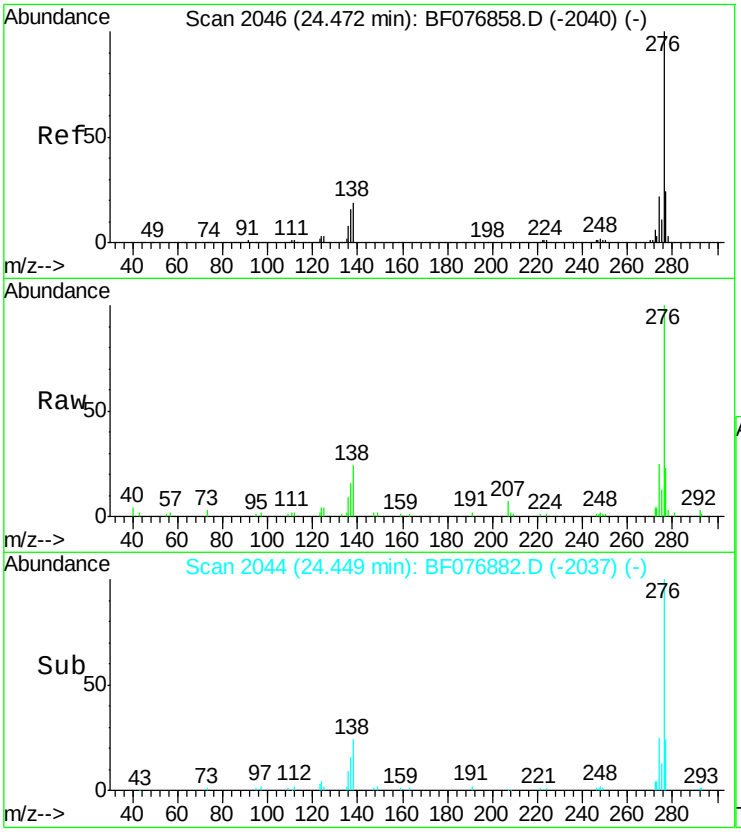


#89
Benzo(a)pyrene
Concen: 12.94 ng
RT: 22.93 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Tgt Ion:252 Resp: 74327

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.2	7.2	10.8#





#91
Benzo(g,h,i)perylene
Concen: 8.06 ng
RT: 24.45 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF076882.D
Acq: 15 Jan 2015 13:55

Instrument :
BNA_F
ClientSampleId :
TP3-SS-2(4-6)DL

Tgt Ion:276 Resp: 42256

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	23.5	15.0	22.6#