Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076829.D
Acq On : 13 Jan 2015 4:44
Operator : IZ / TP
Sample : G1030-10
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP4-SS-1(2-4)

Quant Time: Jan 13 10:33:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33542	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	143053	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	72277	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	120316	20.00	ng	0.00
75) Chrysene-d12	21.34	240	113266	20.00	ng	-0.01
86) Perylene-d12	23.00	264	108381	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	260834	129.76	ng	-0.01
7) Phenol-d6	7.49	99	334915	132.35	ng	-0.01
23) Nitrobenzene-d5	9.37	82	206477	80.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	71957	119.28	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	354261	72.14	ng	0.00
78) Terphenyl-d14	20.07	244	334133	64.77	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.70	163	38901	7.41	ng	99
59) Diethylphthalate	16.30	149	235492	43.52	ng	99
70) Phenanthrene	17.89	178	55673	7.43	ng	98
71) Anthracene	17.97	178	16472	2.26	ng	95
74) Fluoranthene	19.52	202	136074	17.72	ng	96
77) Pyrene	19.81	202	123088	15.10	ng	97
80) Benzo(a)anthracene	21.33	228	74851	10.37	ng	99
82) Chrysene	21.37	228	57291m	8.78	ng	
85) Indeno(1,2,3-cd)pyrene	24.12	276	37608m	5.82	ng	
87) Benzo(b)fluoranthene	22.59	252	78053m	10.40	ng	
88) Benzo(k)fluoranthene	22.61	252	26213m	3.99	ng	
89) Benzo(a)pyrene	22.93	252	57320	8.89	ng	97
91) Benzo(g,h,i)perylene	24.41	276	34738	5.79	ng	94

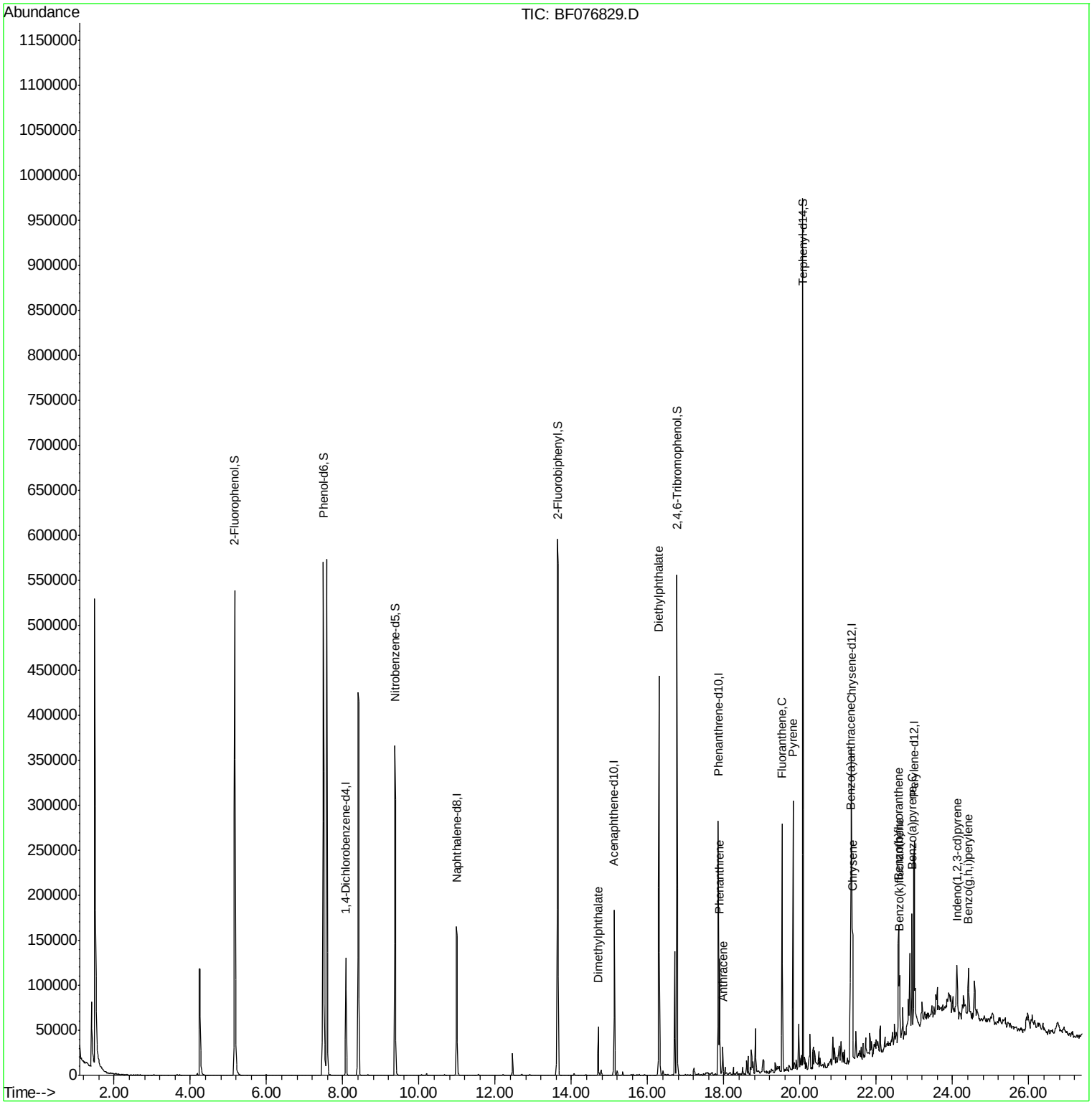
(#) = qualifier out of range (m) = manual integration (+) = signals summed

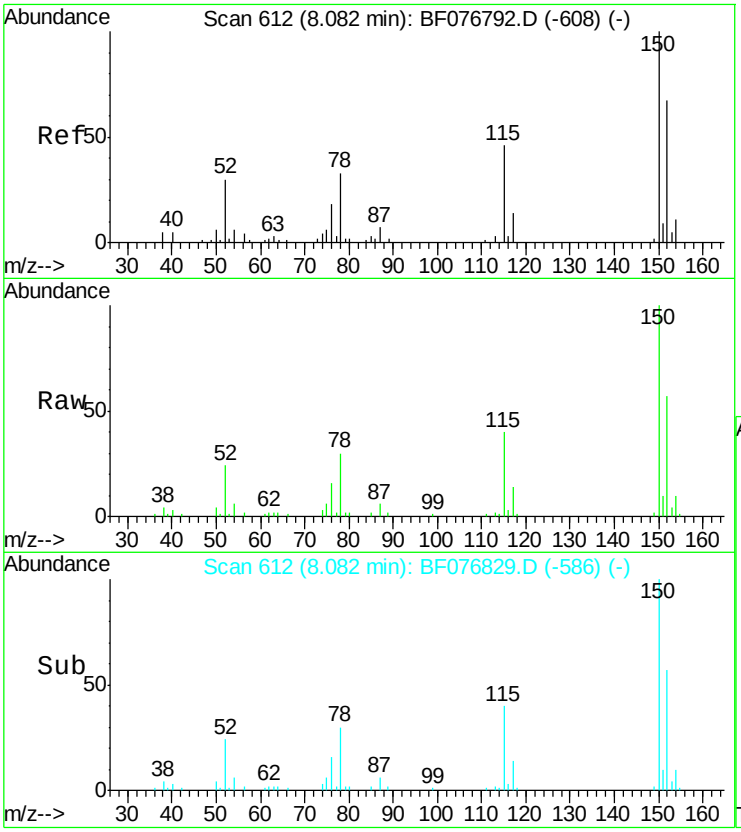
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076829.D
Acq On : 13 Jan 2015 4:44
Operator : IZ / TP
Sample : G1030-10
Misc : S
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Quant Time: Jan 13 10:33:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration



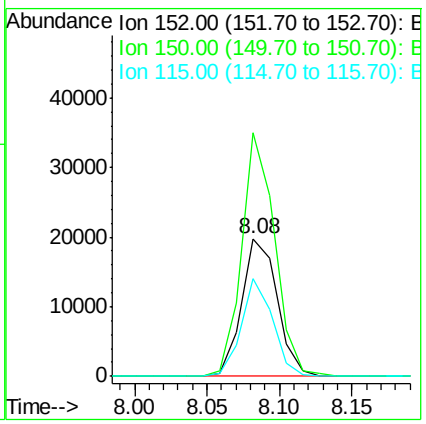


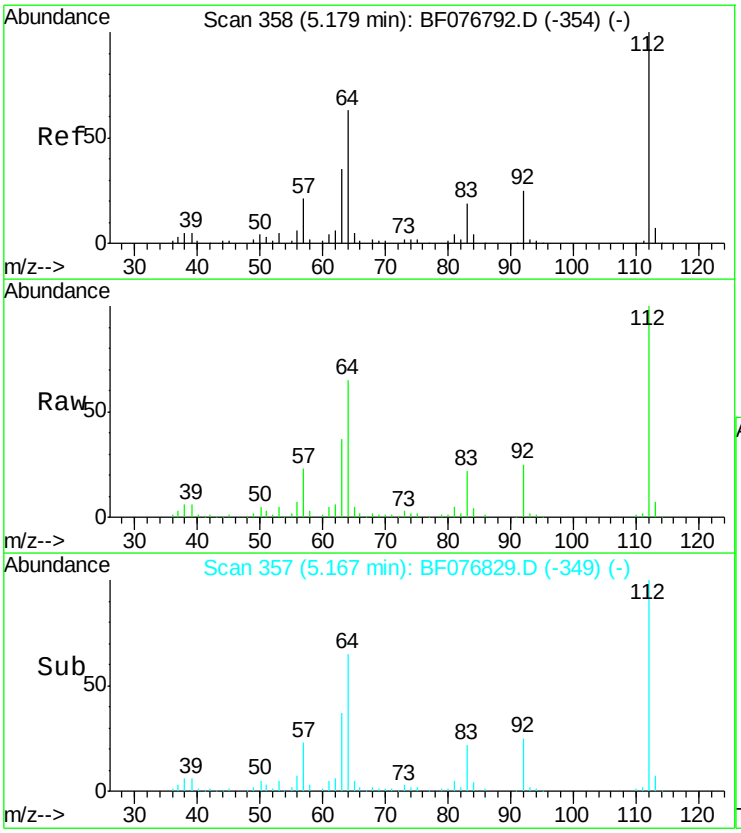
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:152 Resp: 33542

Ion	Ratio	Lower	Upper
152	100		
150	176.7	119.5	179.3
115	70.7	54.6	81.8

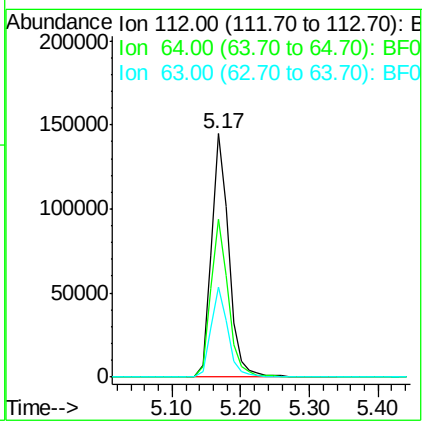


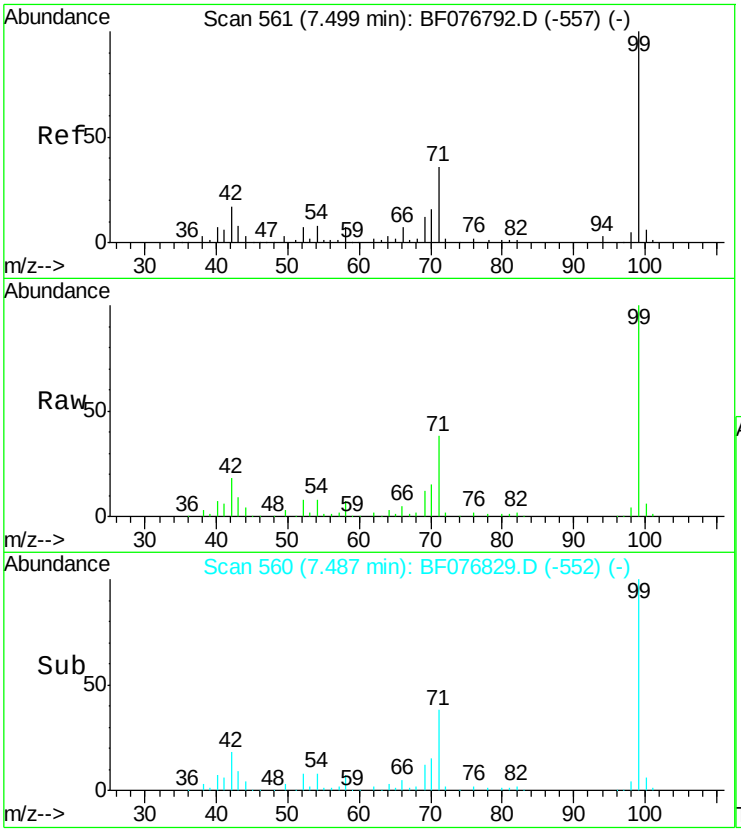


#5
2-Fluorophenol
Concen: 129.76 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:112 Resp: 260834

Ion	Ratio	Lower	Upper
112	100		
64	64.7	50.2	75.4
63	36.9	27.8	41.6



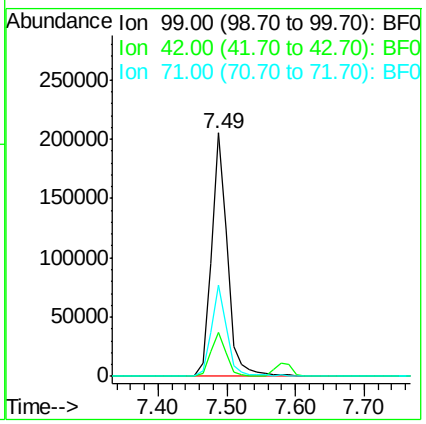


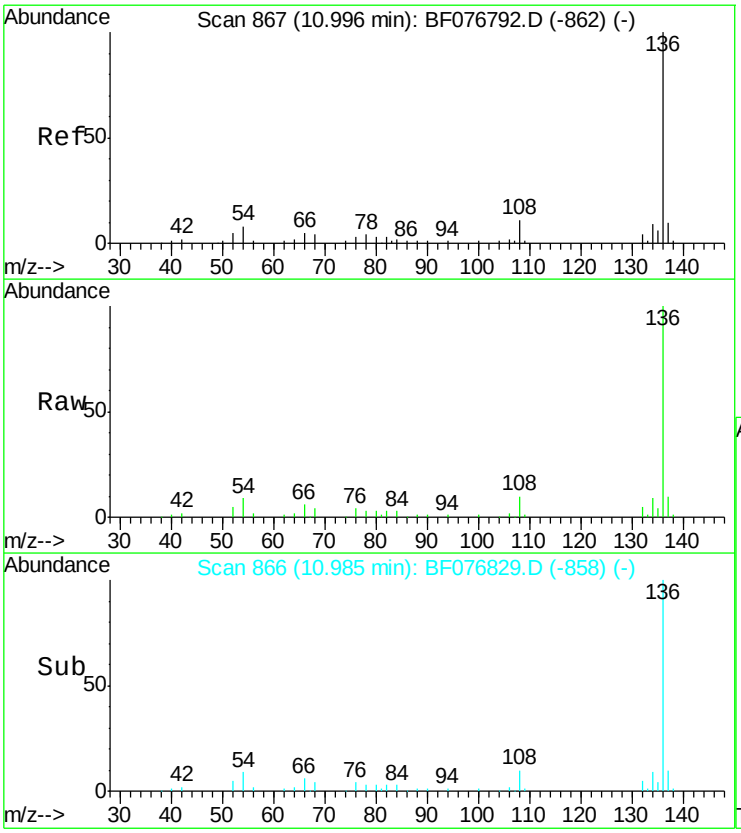
#7
Phenol-d6
Concen: 132.35 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion: 99 Resp: 334915

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.3	19.9
71	37.7	29.2	43.8

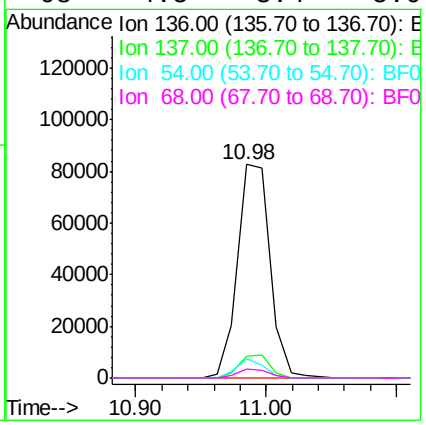


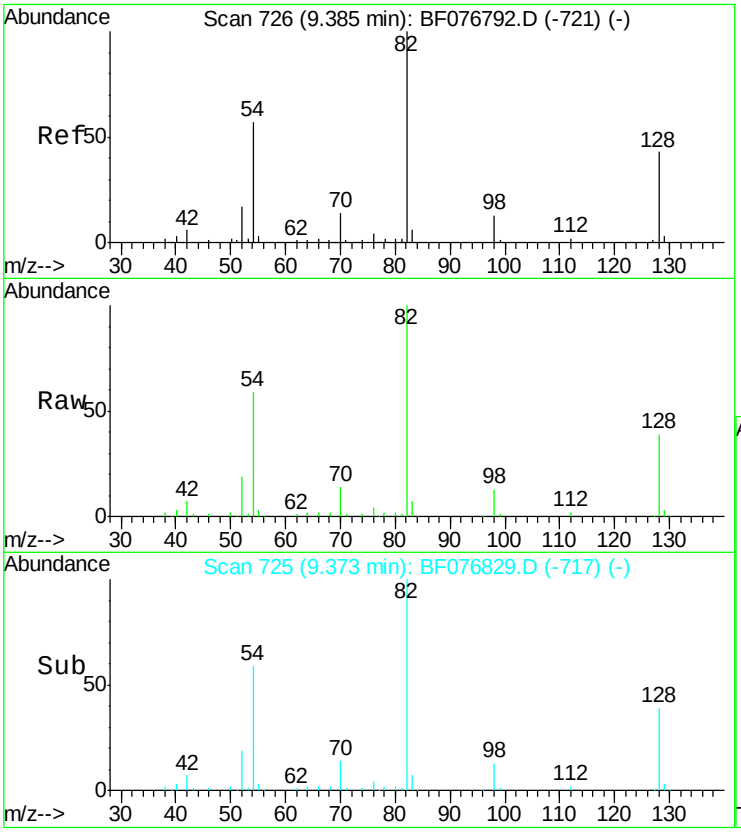


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:136 Resp: 143053

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	9.3	6.3	9.5
68	4.5	3.4	5.0



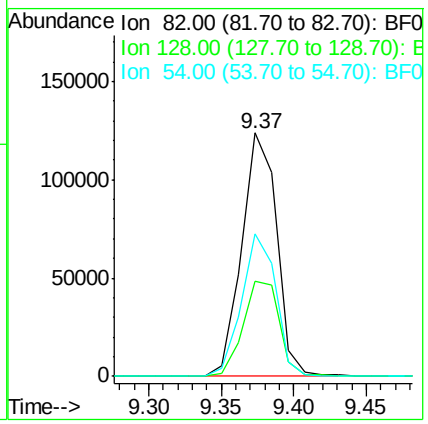


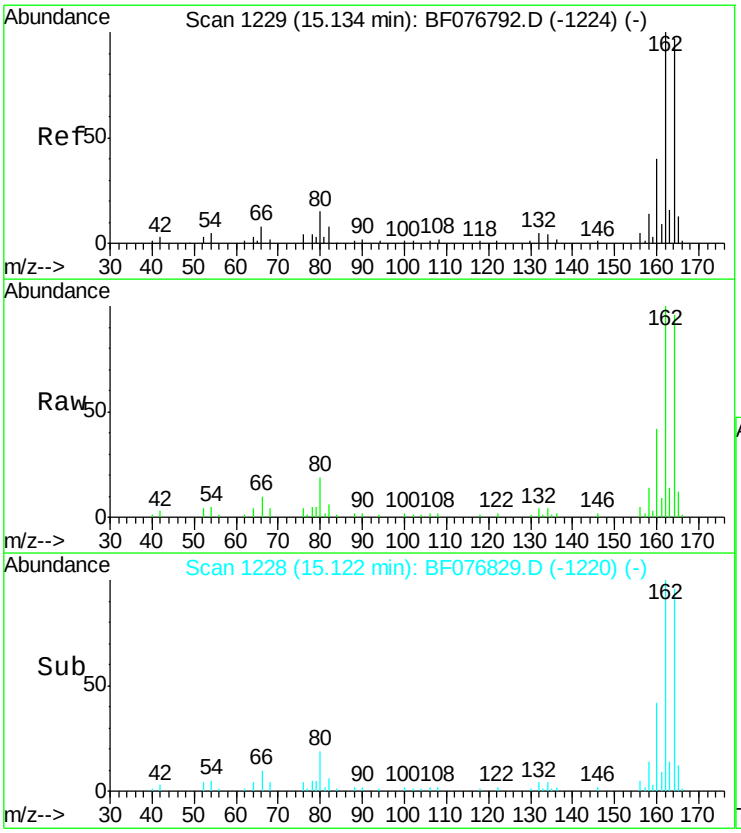
#23
Nitrobenzene-d5
Concen: 80.21 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion: 82 Resp: 206477

Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	58.6	45.6	68.4

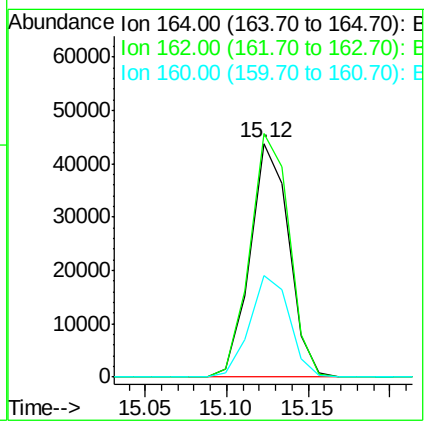


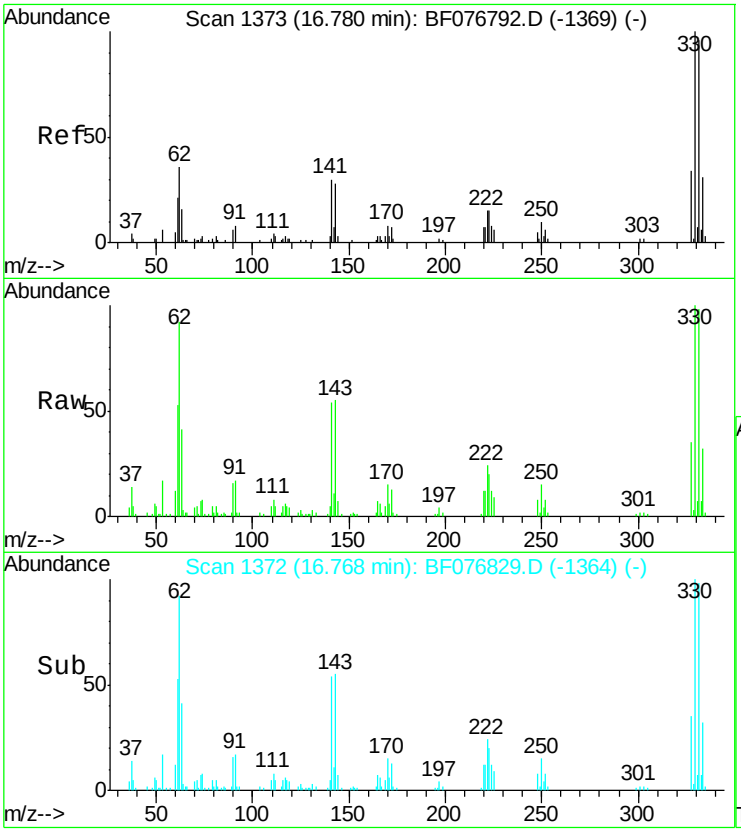


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:164 Resp: 72277

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.5	123.7
160	43.6	33.1	49.7



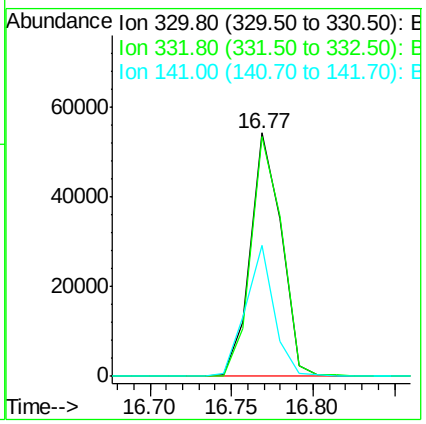


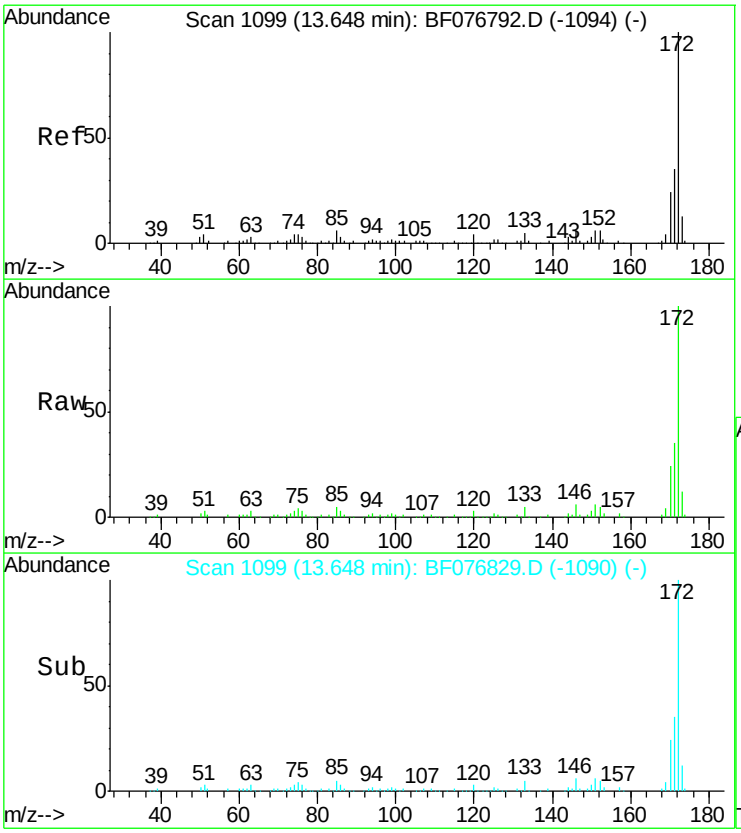
#41
2,4,6-Tribromophenol
Concen: 119.28 ng
RT: 16.77 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:330 Resp: 71957

Ion	Ratio	Lower	Upper
330	100		
332	98.2	74.8	112.2
141	49.5	42.4	63.6

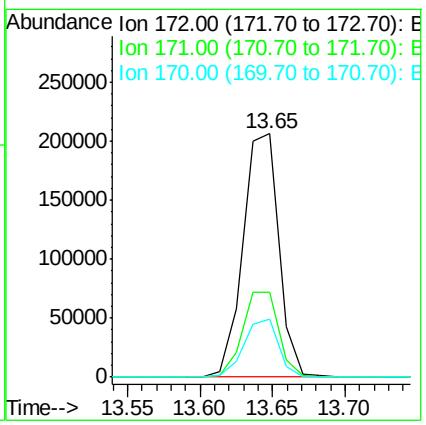


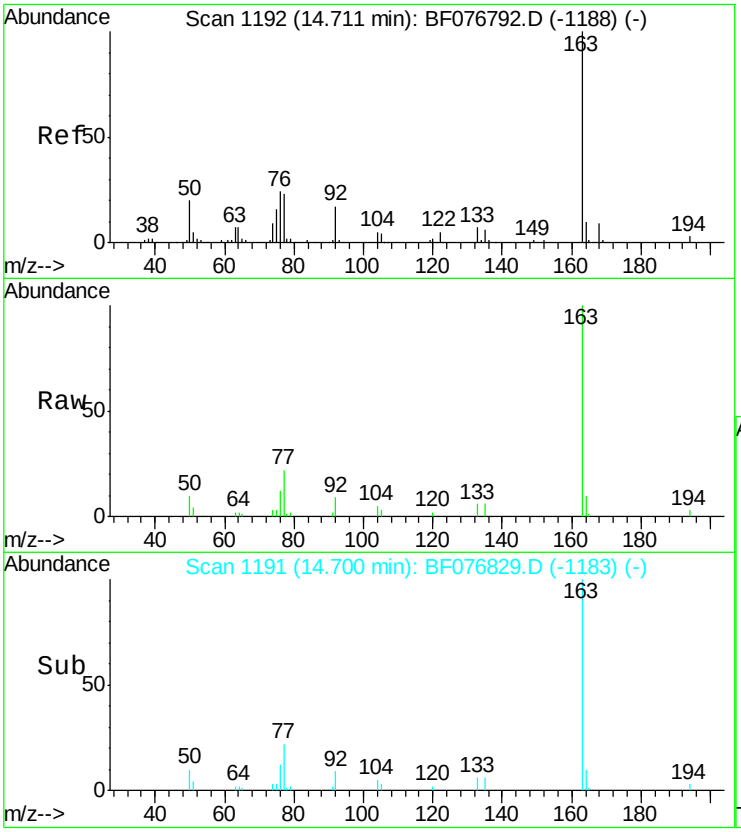


#44
2-Fluorobiphenyl
Concen: 72.14 ng
RT: 13.65 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:172 Resp: 354261

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.7	18.8	28.2



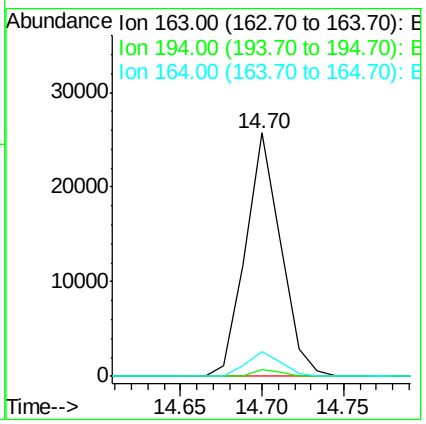


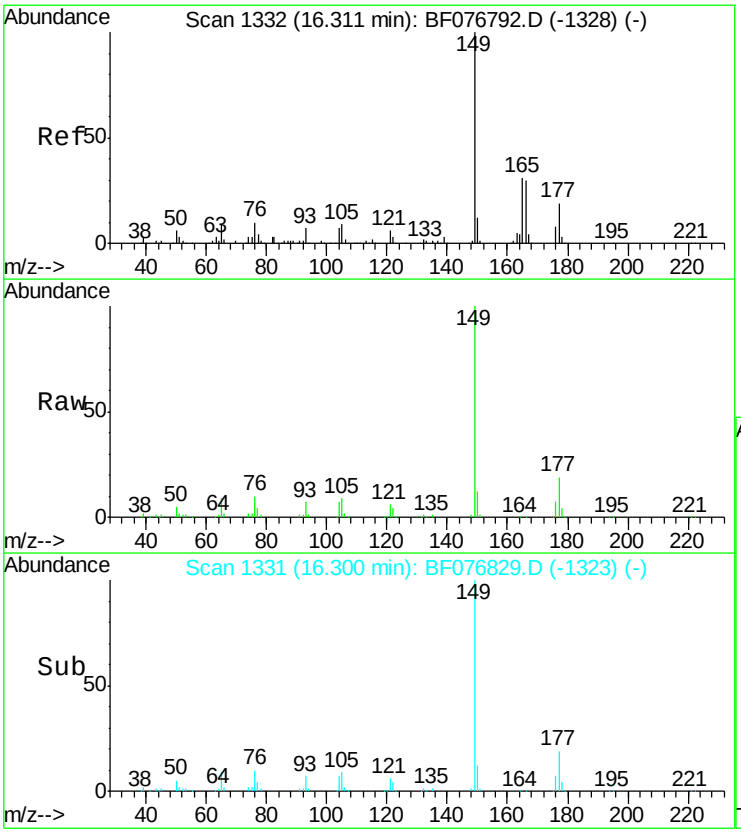
#49
Dimethylphthalate
Concen: 7.41 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:163 Resp: 38901

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	9.9	8.3	12.5

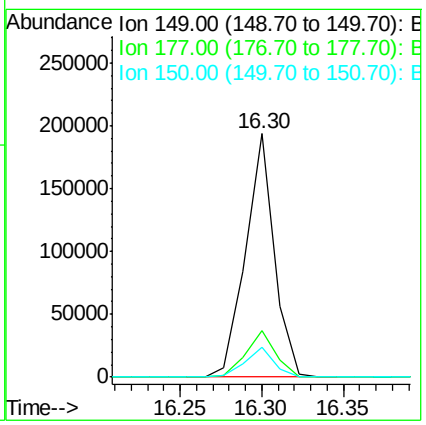


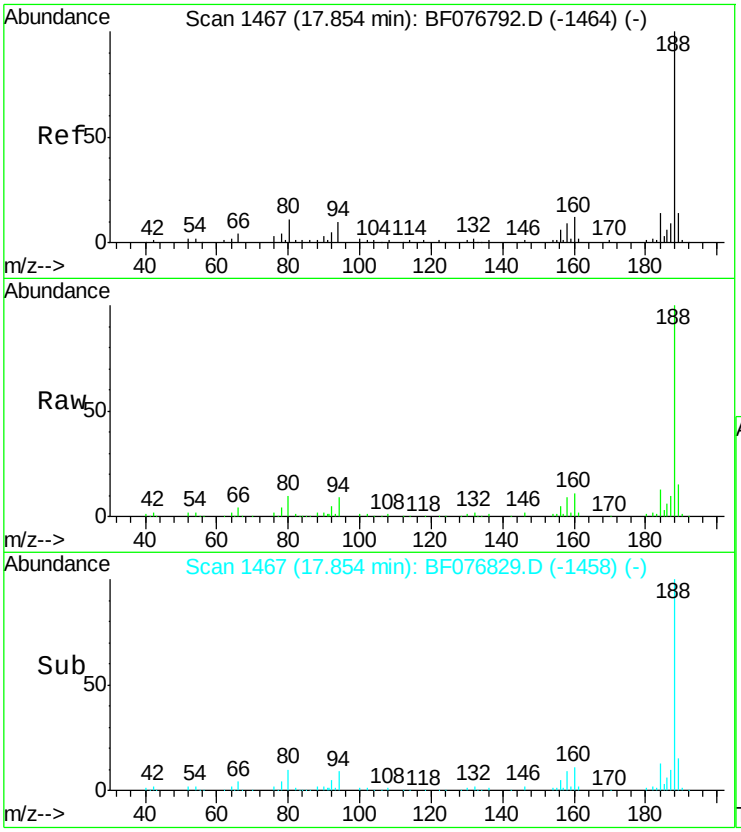


#59
Diethylphthalate
Concen: 43.52 ng
RT: 16.30 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:149 Resp: 235492

Ion	Ratio	Lower	Upper
149	100		
177	19.2	15.4	23.2
150	12.3	9.4	14.0



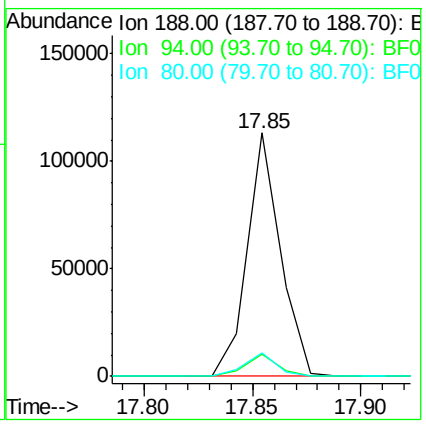


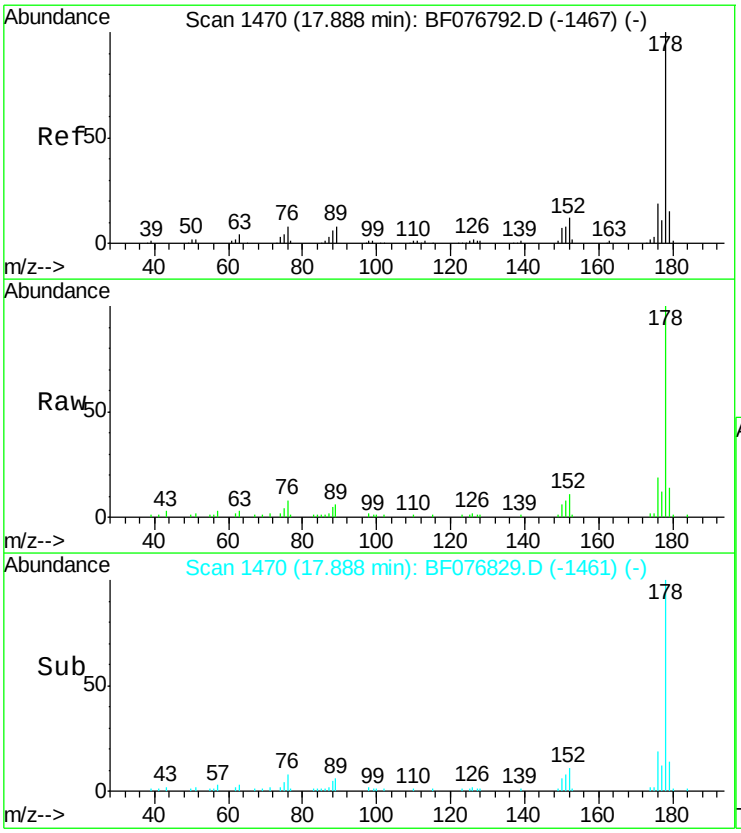
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:188 Resp: 120316

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	9.9	8.6	13.0

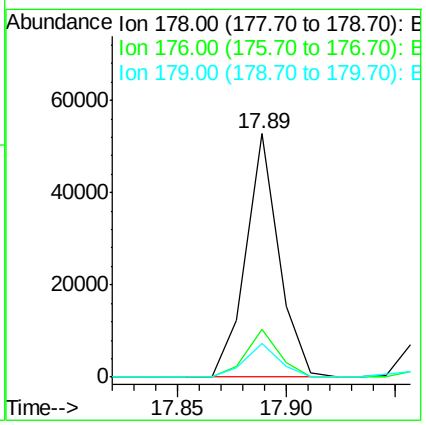


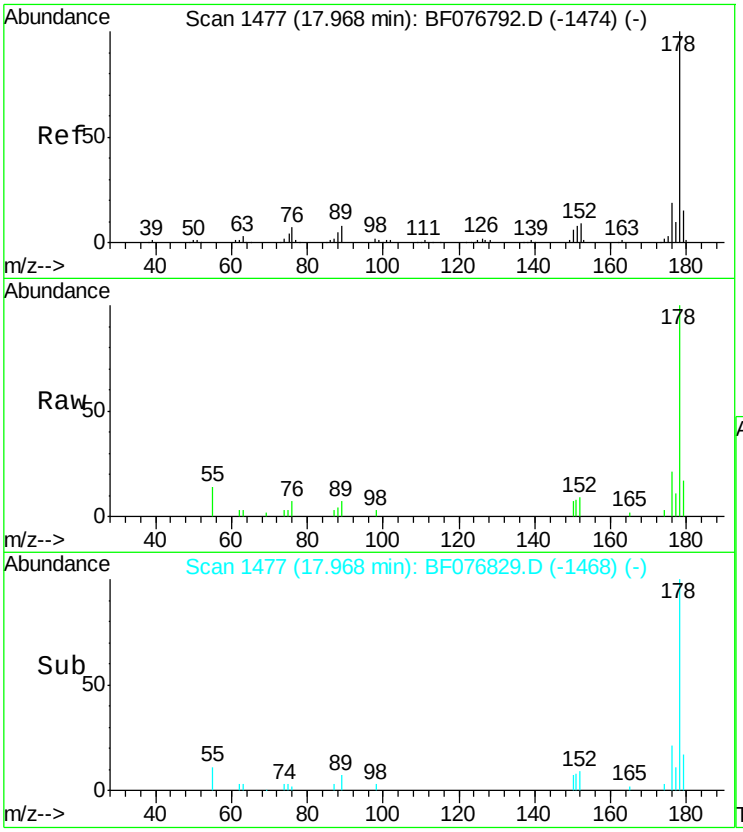


#70
Phenanthrene
Concen: 7.43 ng
RT: 17.89 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:178 Resp: 55673

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	13.9	11.8	17.8



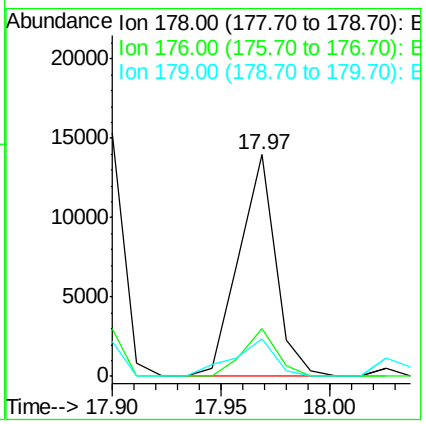


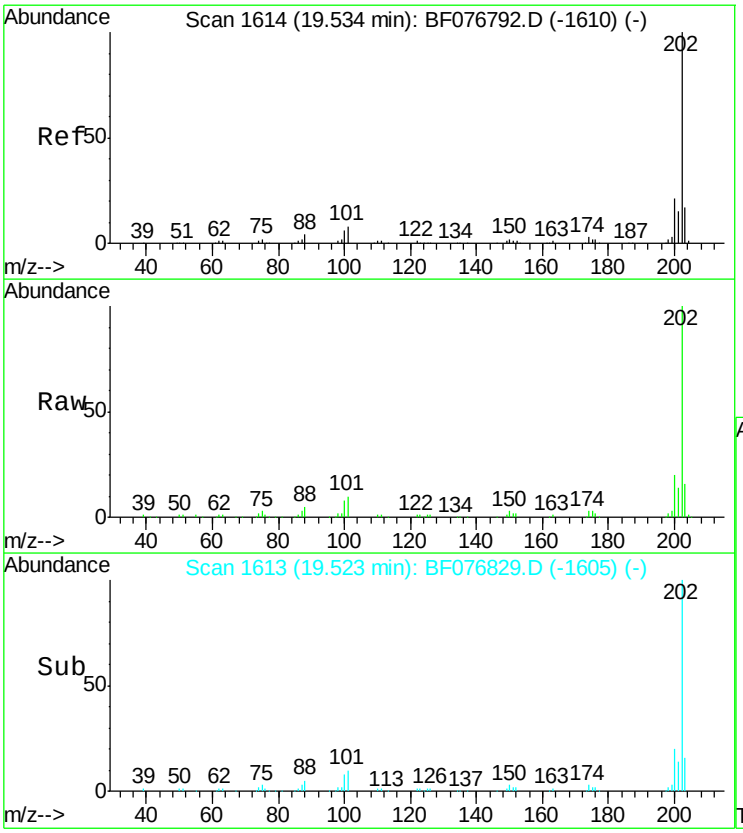
#71
Anthracene
Concen: 2.26 ng
RT: 17.97 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:178 Resp: 16472

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.3	22.9
179	17.1	12.2	18.4

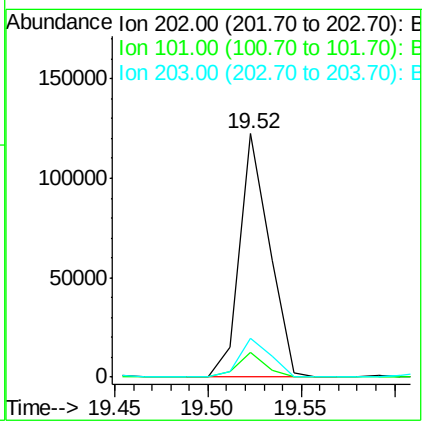


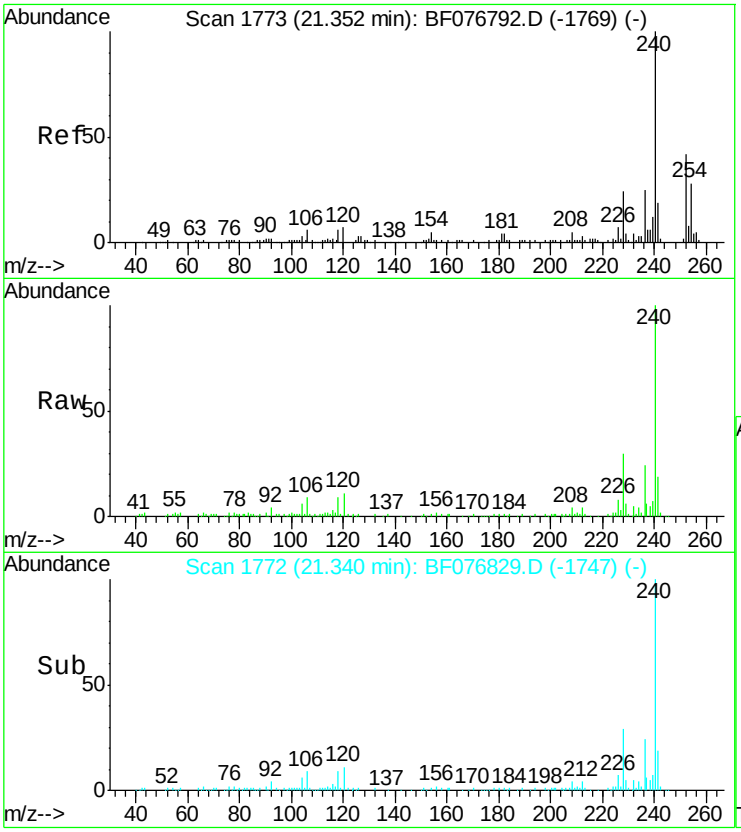


#74
Fluoranthene
Concen: 17.72 ng
RT: 19.52 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:202 Resp: 136074

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	28.0
203	16.1	0.0	37.2



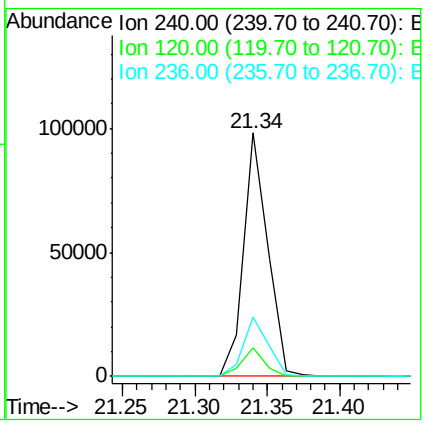


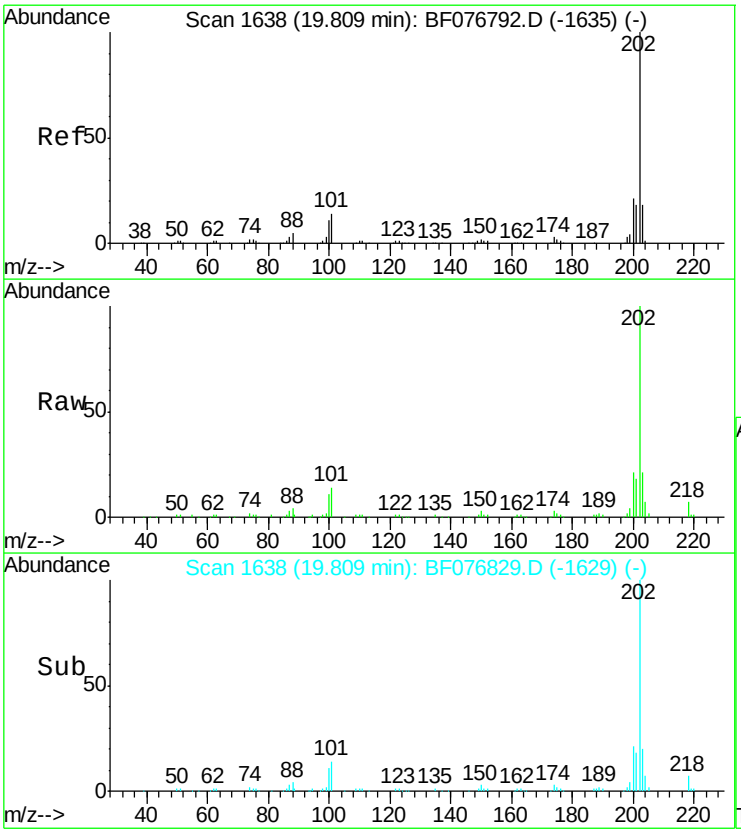
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:240 Resp: 113266

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.7	8.5#
236	24.2	19.7	29.5

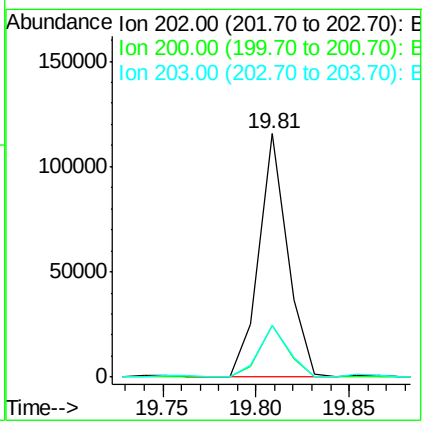


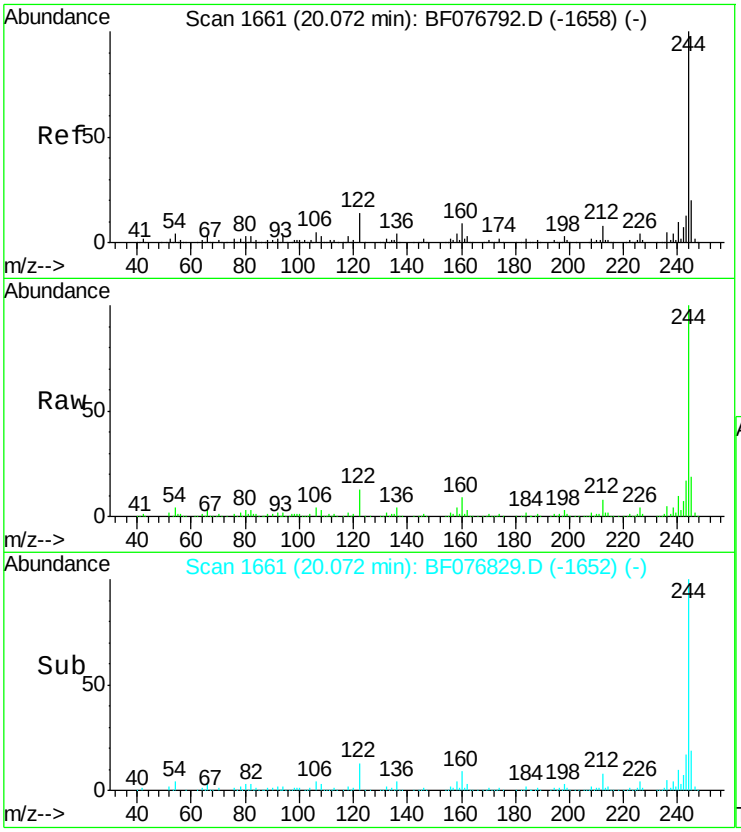


#77
Pyrene
Concen: 15.10 ng
RT: 19.81 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:202 Resp: 123088

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	21.0	14.6	22.0



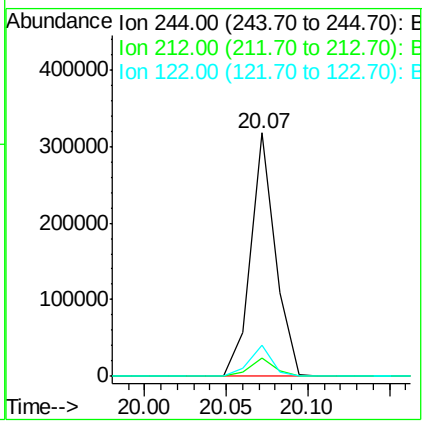


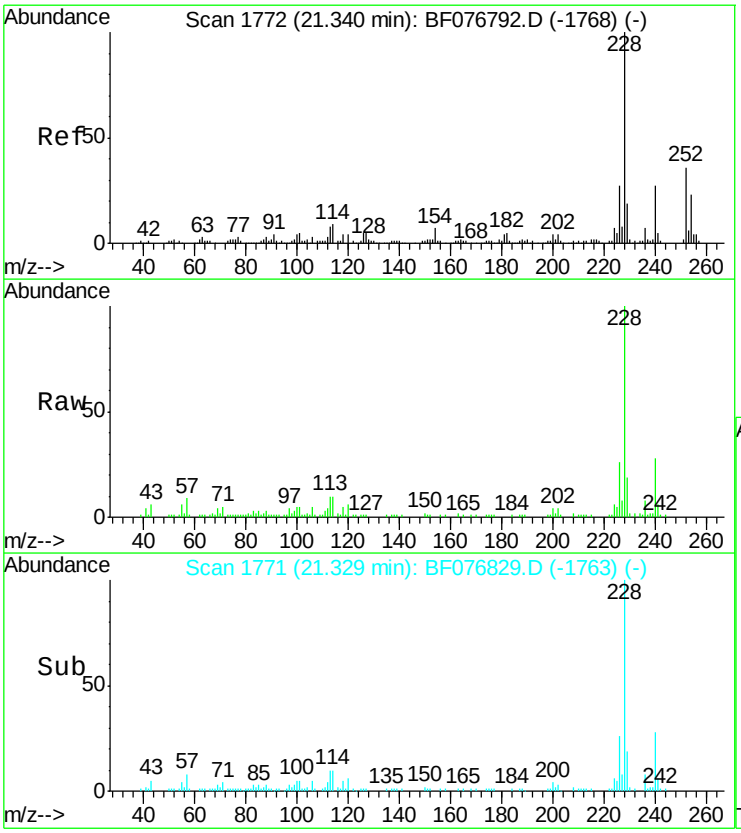
#78
Terphenyl-d14
Concen: 64.77 ng
RT: 20.07 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:244 Resp: 334133

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.7	11.3	16.9

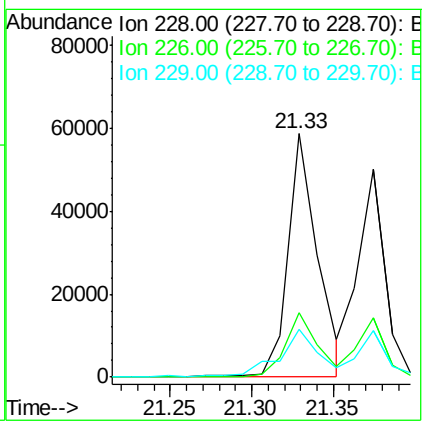


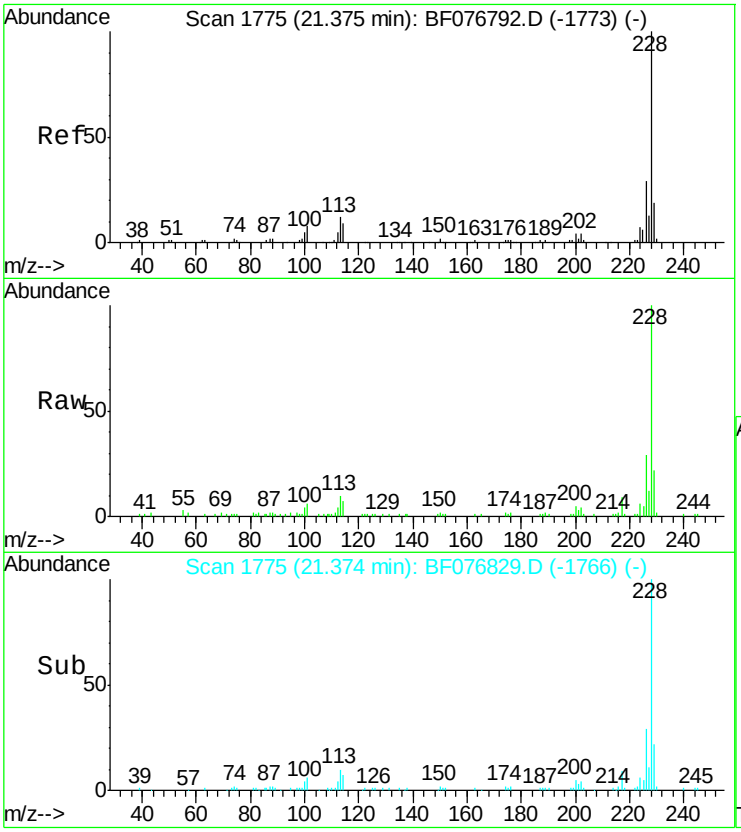


#80
Benzo(a)anthracene
Concen: 10.37 ng
RT: 21.33 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:228 Resp: 74851

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.4	32.0
229	19.4	15.0	22.4



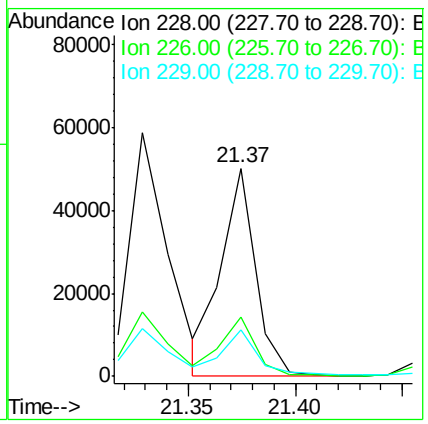


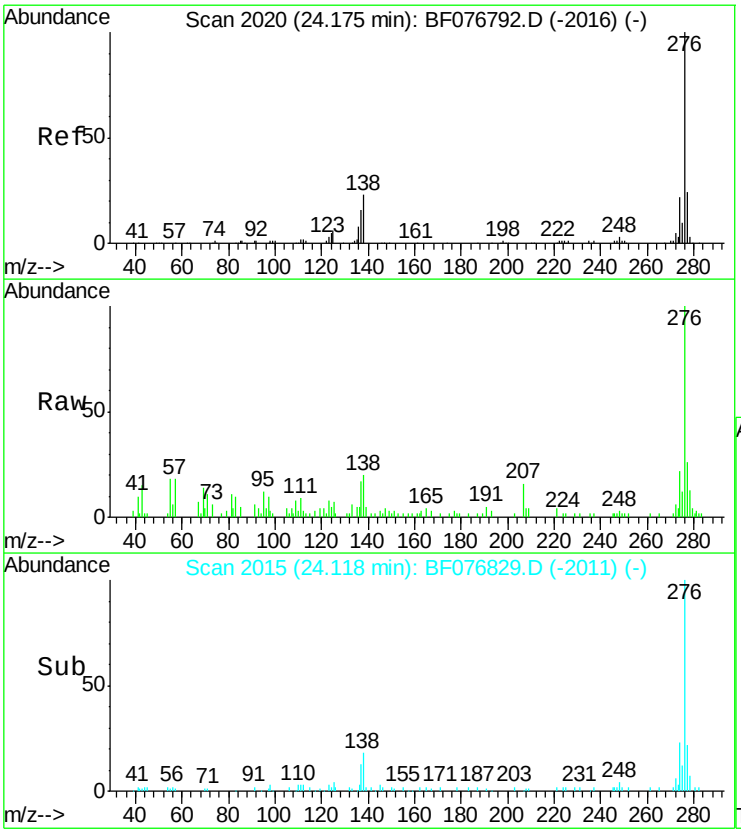
#82
Chrysene
Concen: 8.78 ng m
RT: 21.37 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:228 Resp: 57291

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.3	34.9
229	22.4	14.6	22.0#

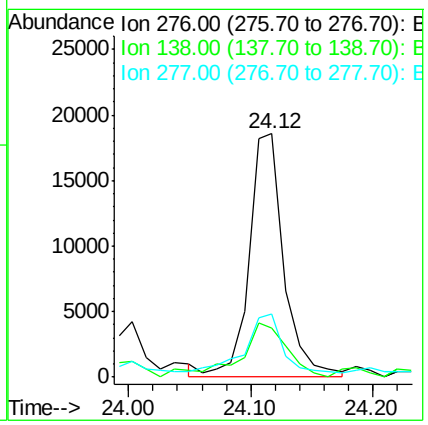


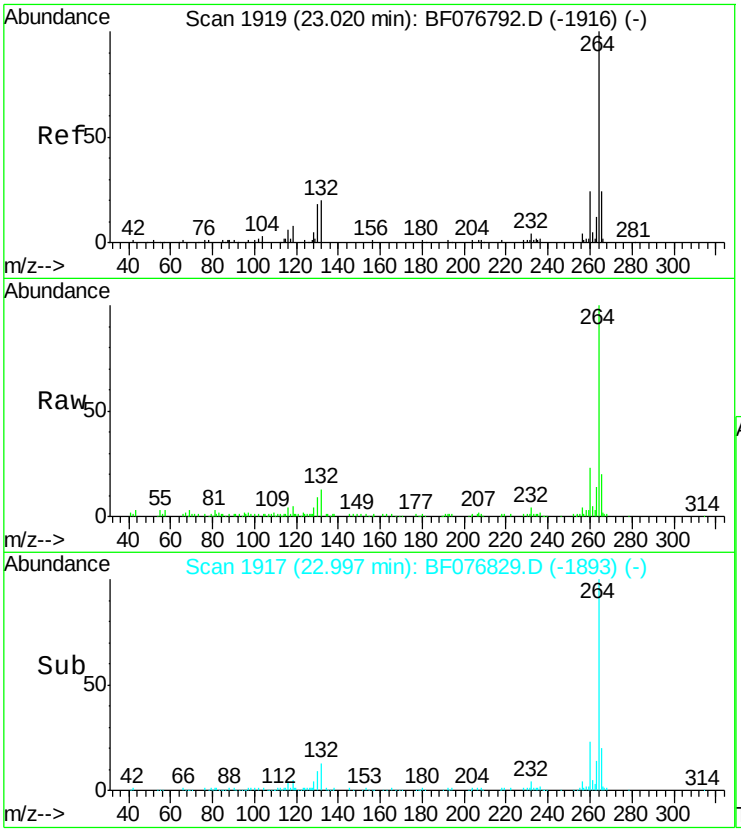


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.82 ng m
RT: 24.12 min Scan# 2015
Delta R.T. -0.06 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:276 Resp: 37608

Ion	Ratio	Lower	Upper
276	100		
138	23.8	0.0	0.0#
277	21.2	0.0	0.0#



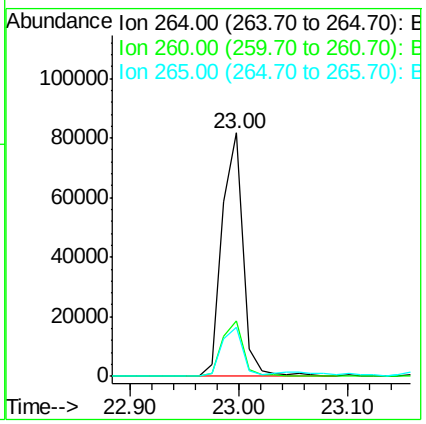


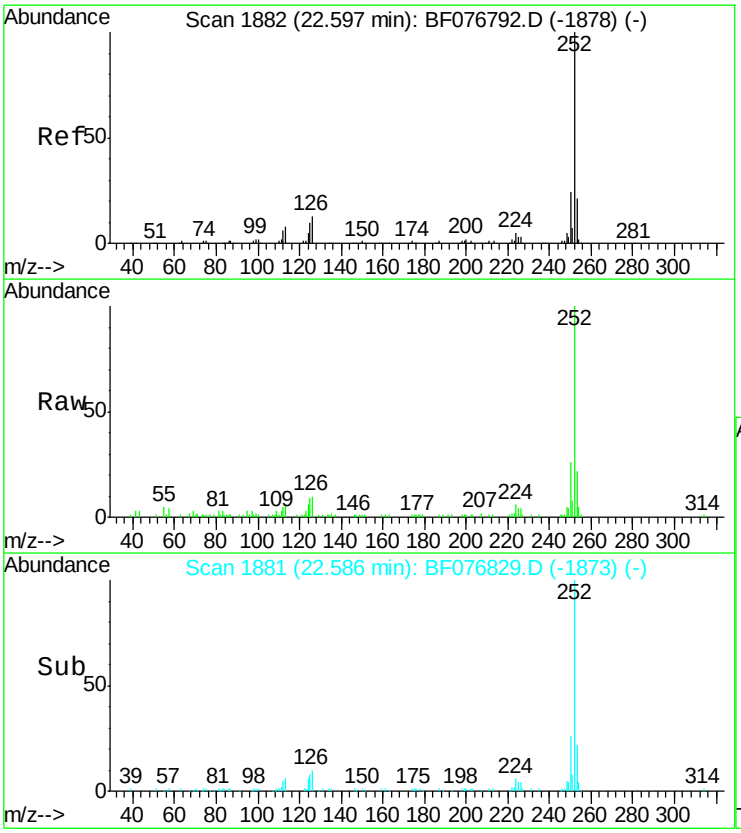
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.00 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:264 Resp: 108381

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	19.9	18.9	28.3

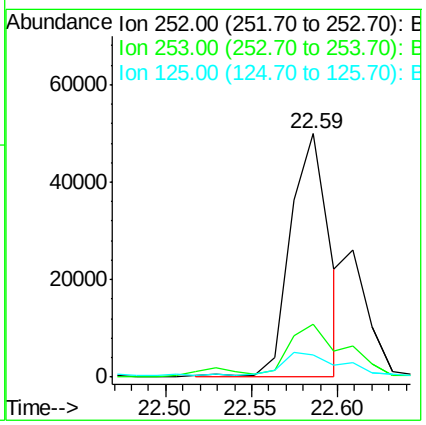


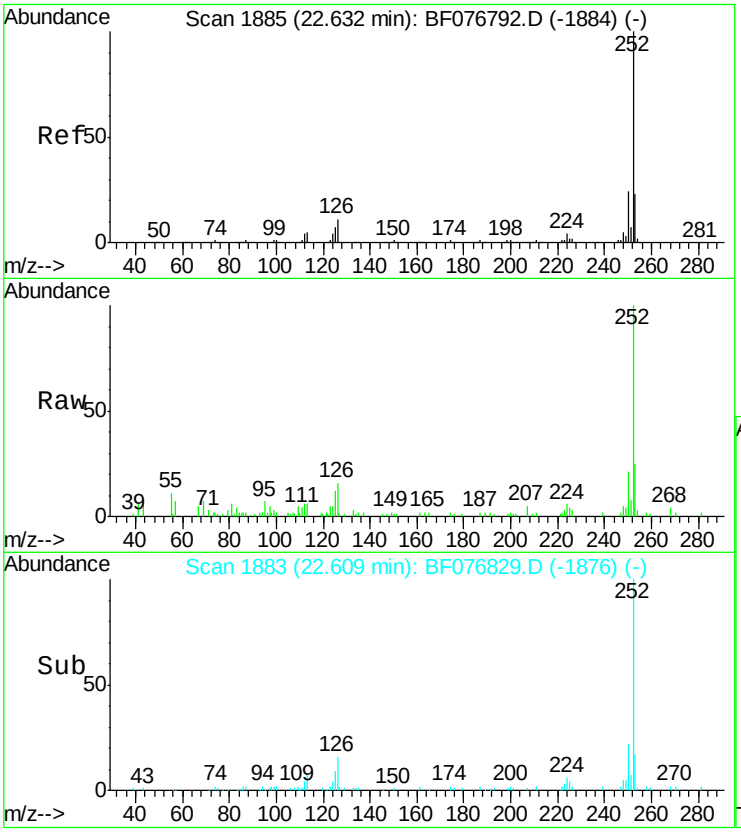


#87
Benzo(b)fluoranthene
Concen: 10.40 ng m
RT: 22.59 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:252 Resp: 78053

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	25.0
125	9.2	8.1	12.1



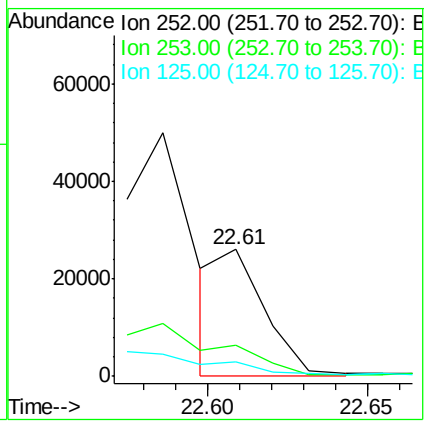


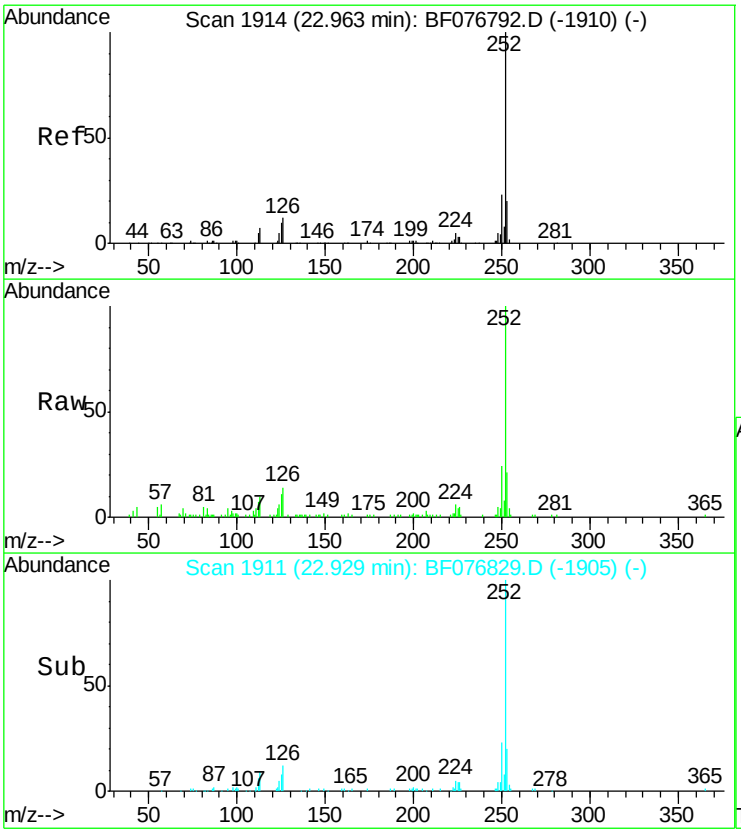
#88
Benzo(k)fluoranthene
Concen: 3.99 ng m
RT: 22.61 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:252 Resp: 26213

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	11.6	7.5	11.3#

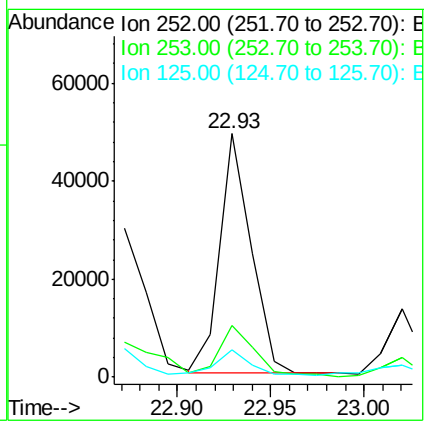


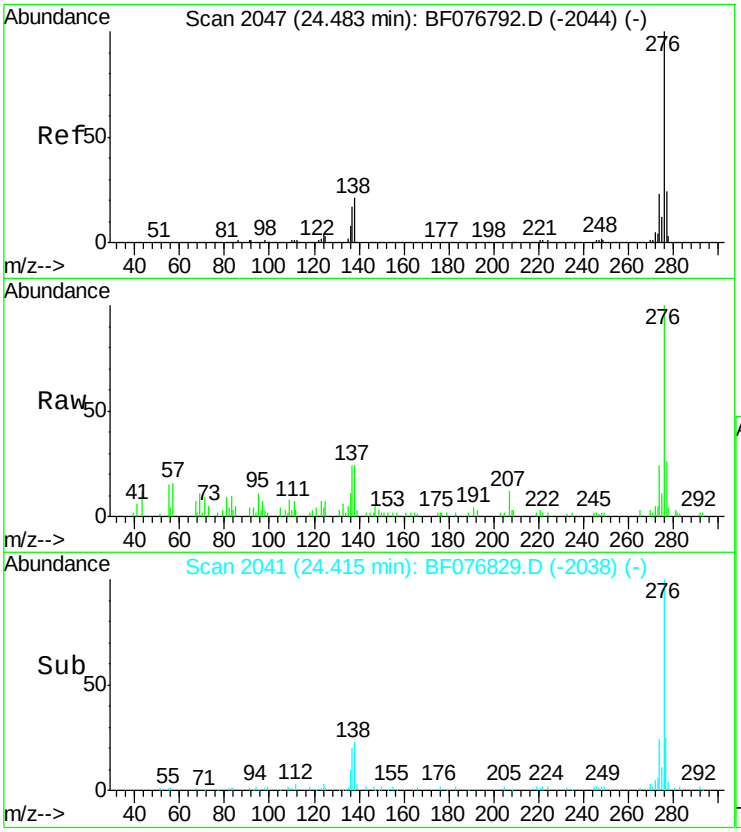


#89
Benzo(a)pyrene
Concen: 8.89 ng
RT: 22.93 min Scan# 1911
Delta R.T. -0.03 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Tgt Ion:252 Resp: 57320

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.2	24.4
125	11.1	7.8	11.6





#91
Benzo(g,h,i)perylene
Concen: 5.79 ng
RT: 24.41 min Scan# 2041
Delta R.T. -0.07 min
Lab File: BF076829.D
Acq: 13 Jan 2015 4:44

Instrument :
BNA_F
ClientSampleId :
TP4-SS-1(2-4)

Tgt Ion:276 Resp: 34738

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.0	28.6
138	24.3	16.7	25.1