Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021015\
Data File : BF077242.D
Acq On : 10 Feb 2015 19:15
Operator : TP/IZ
Sample : G1254-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UB11A

Quant Time: Feb 11 03:00:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	42784	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	184221	20.00	ng		0.01
38) Acenaphthene-d10	14.63	164	99940	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	164619	20.00	ng		0.00
75) Chrysene-d12	21.01	240	152656	20.00	ng		0.00
86) Perylene-d12	22.65	264	141987	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.61	112	112035	43.05	ng		0.02
7) Phenol-d6	7.02	99	156025	47.53	ng		0.01
23) Nitrobenzene-d5	8.90	82	82130	24.70	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	18388	22.67	ng		0.00
44) 2-Fluorobiphenyl	13.16	172	198337	30.20	ng		0.00
78) Terphenyl-d14	19.76	244	201372	30.37	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.61	77	860	Below Cal		#	1
70) Phenanthrene	17.54	178	26352	2.57	ng		96
74) Fluoranthene	19.20	202	44702	4.25	ng		98
77) Pyrene	19.48	202	46046	4.40	ng	#	93
82) Chrysene	21.05	228	27183	3.11	ng		100
85) Indeno(1,2,3-cd)pyrene	23.72	276	20713	2.24	ng	#	84
87) Benzo(b)fluoranthene	22.25	252	50790	5.31	ng	#	90
88) Benzo(k)fluoranthene	22.25	252	50790	6.08	ng	#	88
89) Benzo(a)pyrene	22.59	252	22868	2.71	ng	#	74
91) Benzo(g,h,i)perylene	23.99	276	24107	3.13	ng	#	86

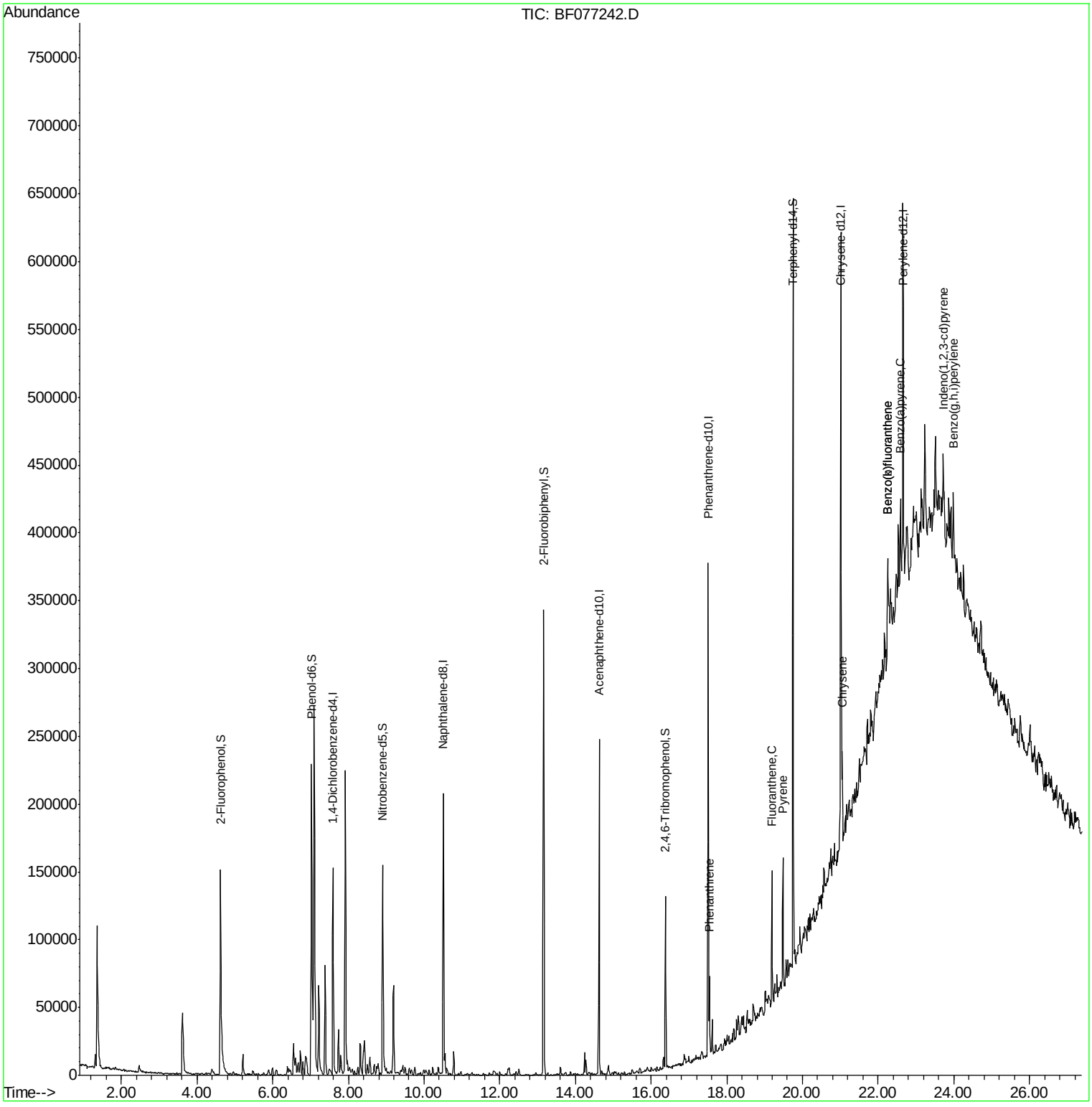
(#) = qualifier out of range (m) = manual integration (+) = signals summed

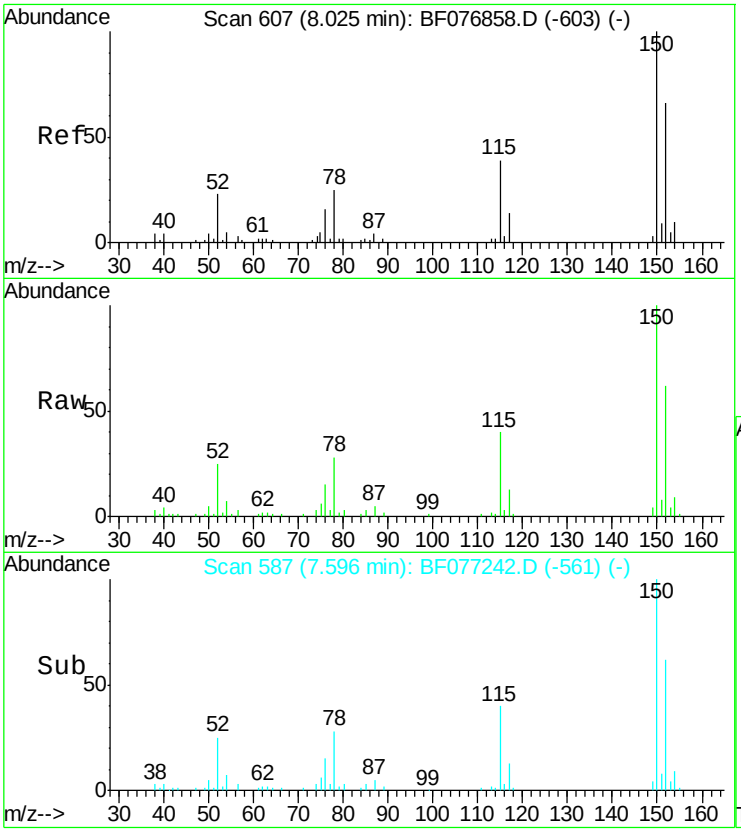
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021015\
Data File : BF077242.D
Acq On : 10 Feb 2015 19:15
Operator : TP/IZ
Sample : G1254-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UB11A

Quant Time: Feb 11 03:00:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration



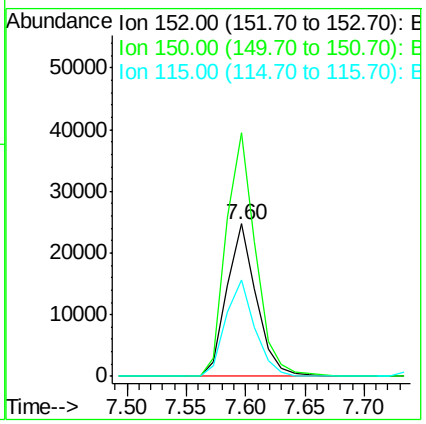


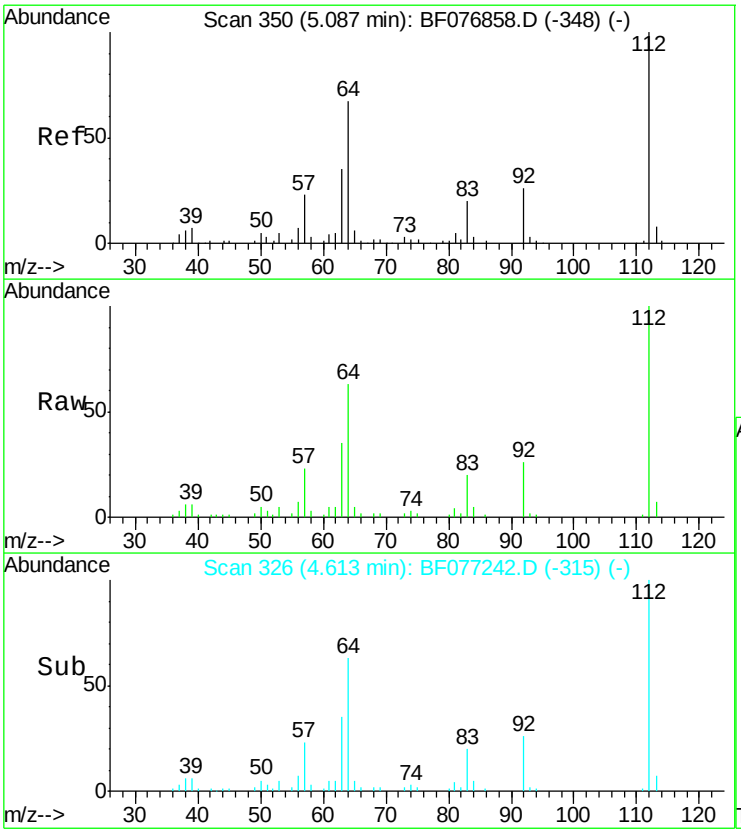
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:152 Resp: 42784

Ion	Ratio	Lower	Upper
152	100		
150	160.1	121.7	182.5
115	63.7	47.0	70.6

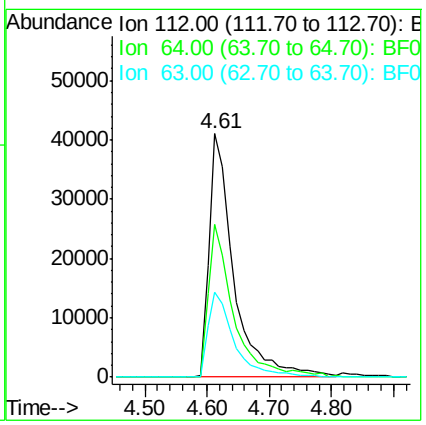


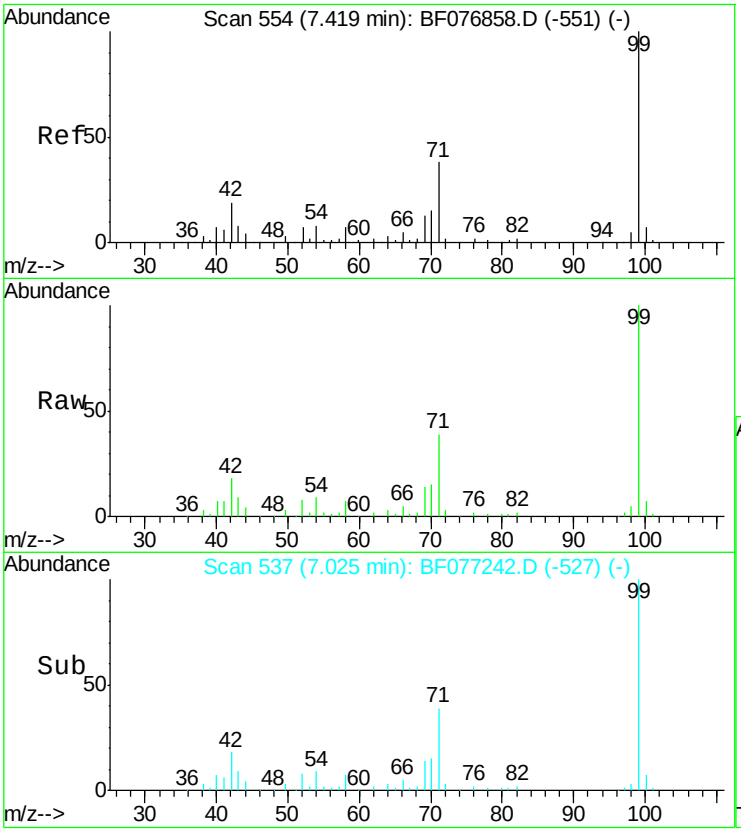


#5
2-Fluorophenol
Concen: 43.05 ng
RT: 4.61 min Scan# 326
Delta R.T. 0.02 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:112 Resp: 112035

Ion	Ratio	Lower	Upper
112	100		
64	62.9	54.2	81.4
63	34.7	28.4	42.6



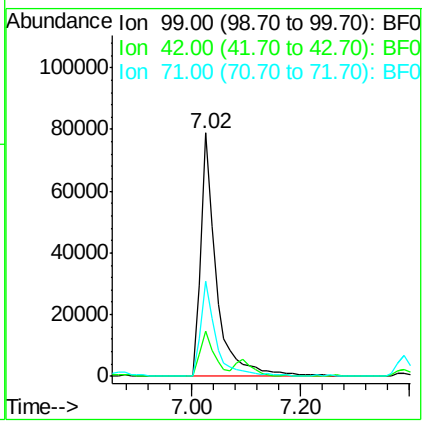


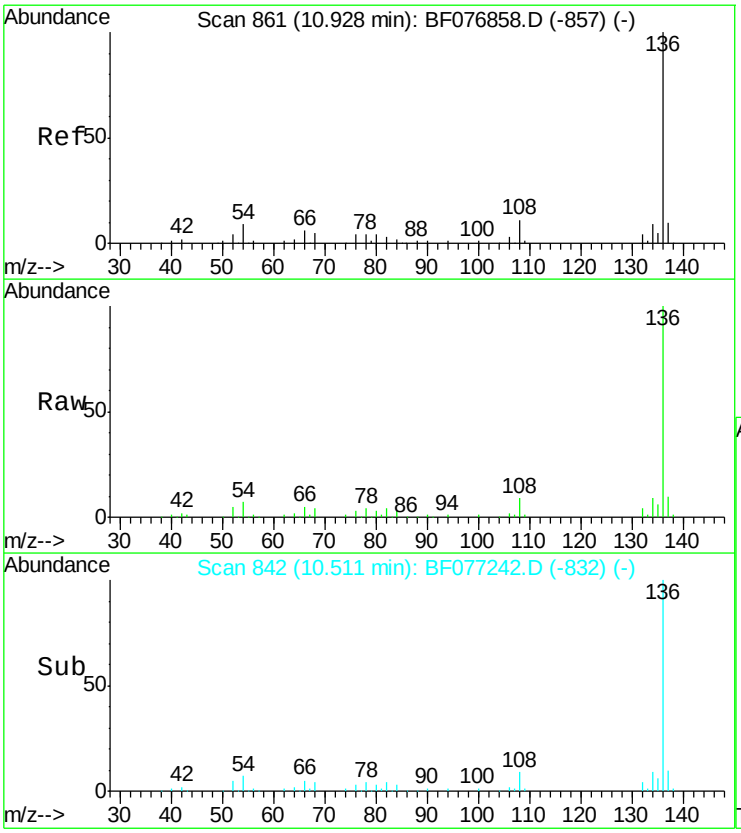
#7
Phenol-d6
Concen: 47.53 ng
RT: 7.02 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion: 99 Resp: 156025

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	39.3	30.5	45.7

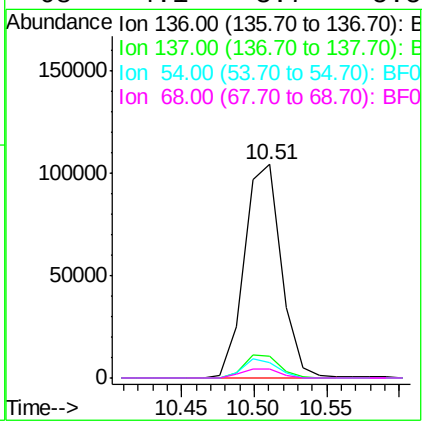


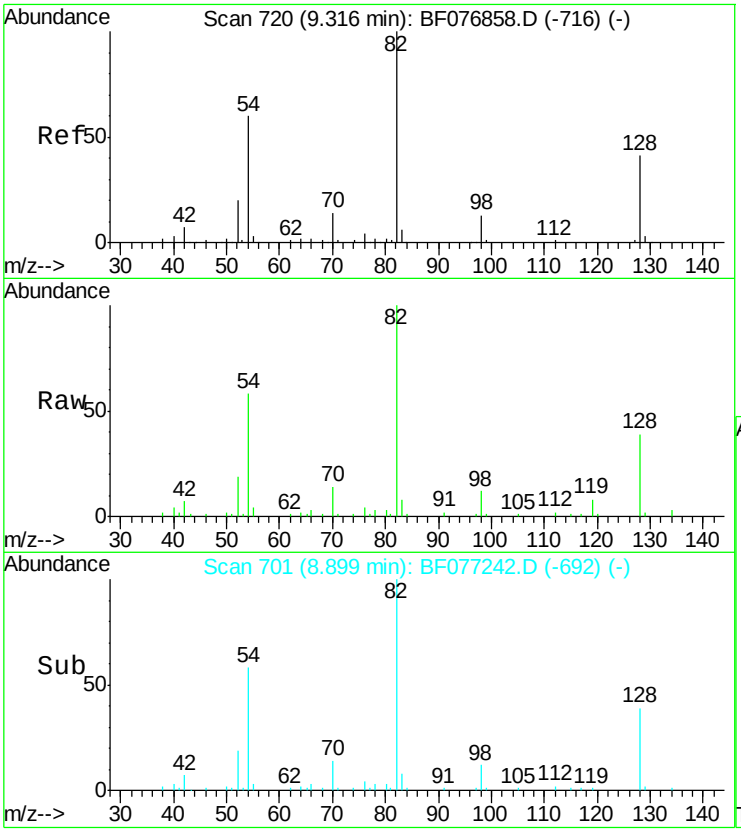


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:136 Resp: 184221

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.1	12.1
54	7.3	7.0	10.4
68	4.1	3.7	5.5



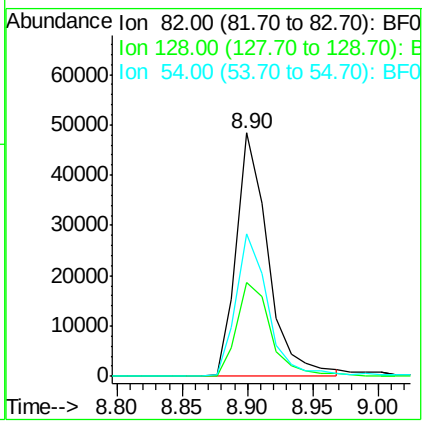


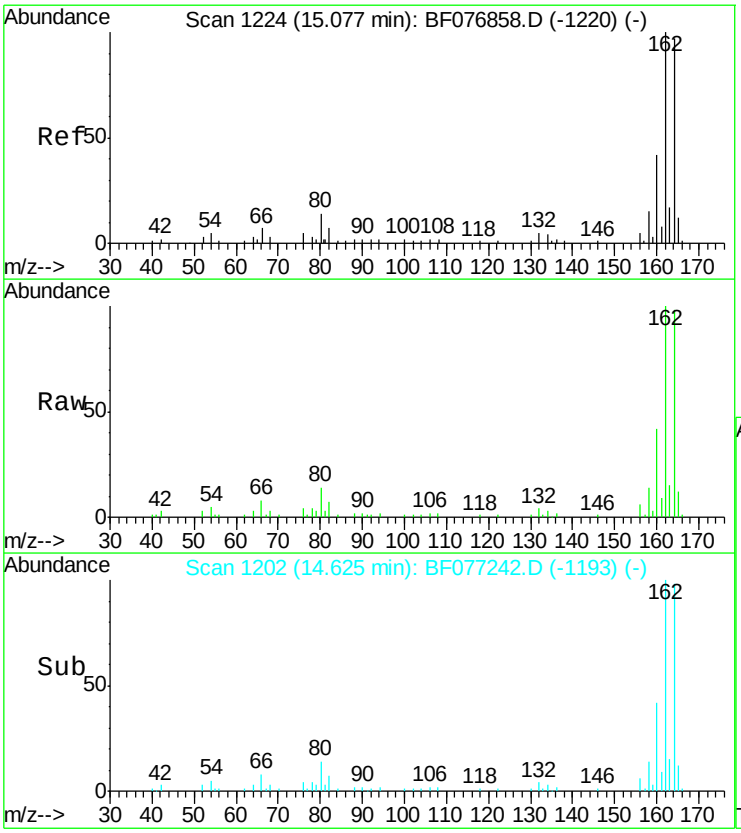
#23
Nitrobenzene-d5
Concen: 24.70 ng
RT: 8.90 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion: 82 Resp: 82130

Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.1	49.7
54	58.4	48.3	72.5

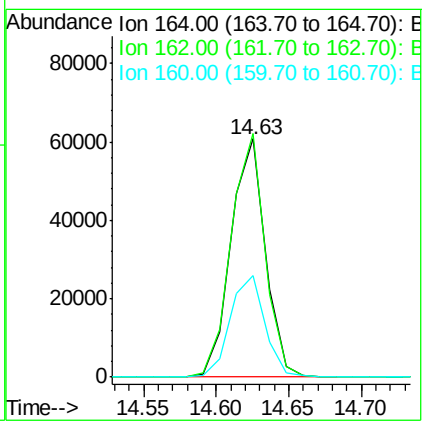


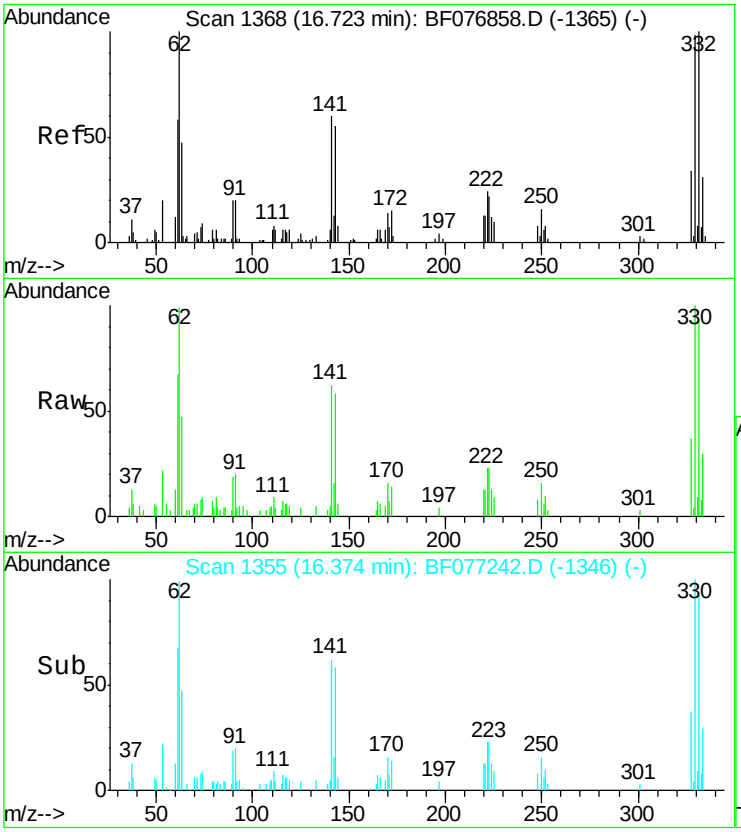


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:164 Resp: 99940

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	42.8	34.8	52.2



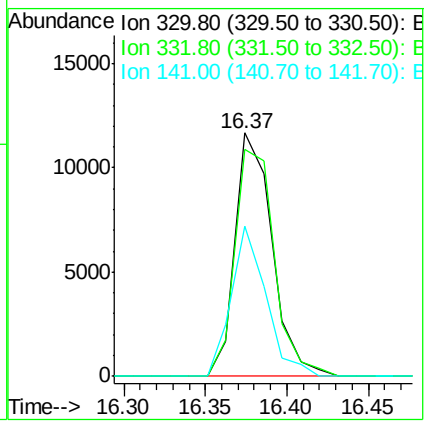


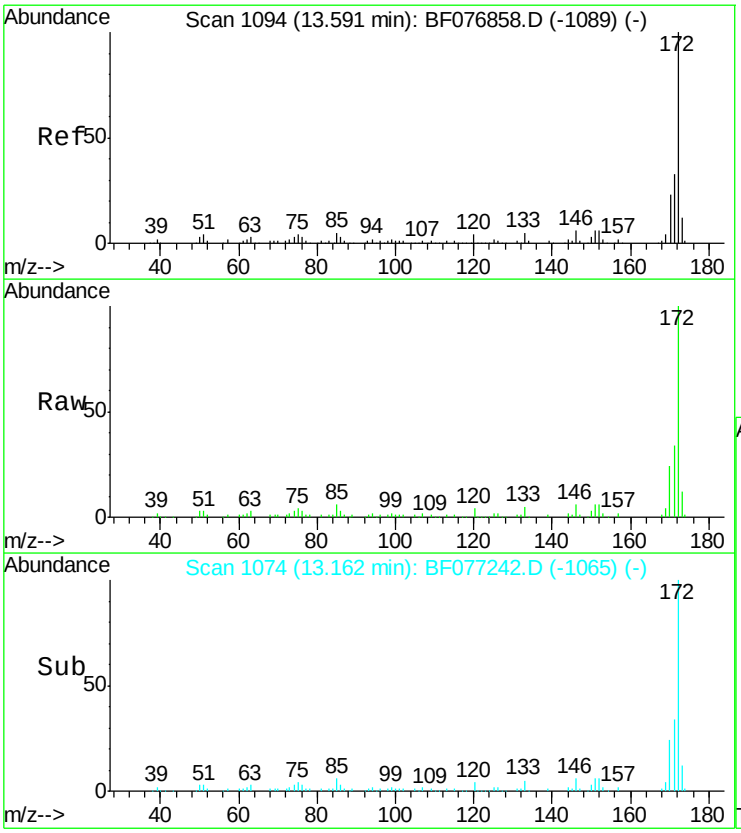
#41
2,4,6-Tribromophenol
Concen: 22.67 ng
RT: 16.37 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:330 Resp: 18388

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.8	116.6
141	57.8	38.5	57.7#

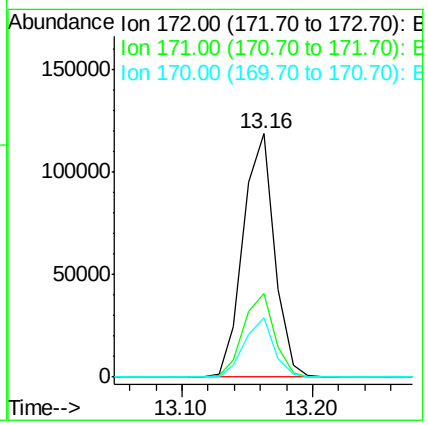


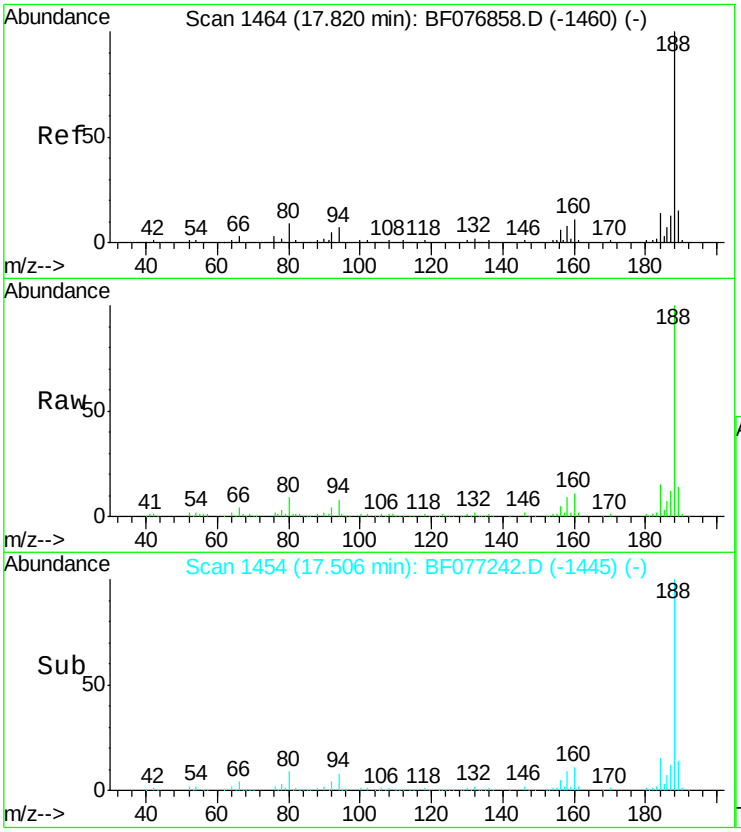


#44
2-Fluorobiphenyl
Concen: 30.20 ng
RT: 13.16 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:172 Resp: 198337

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.6	40.0
170	24.4	18.0	27.0



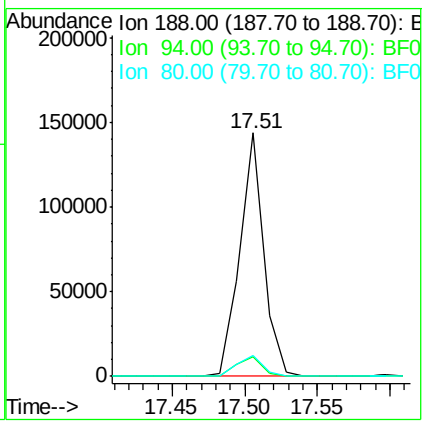


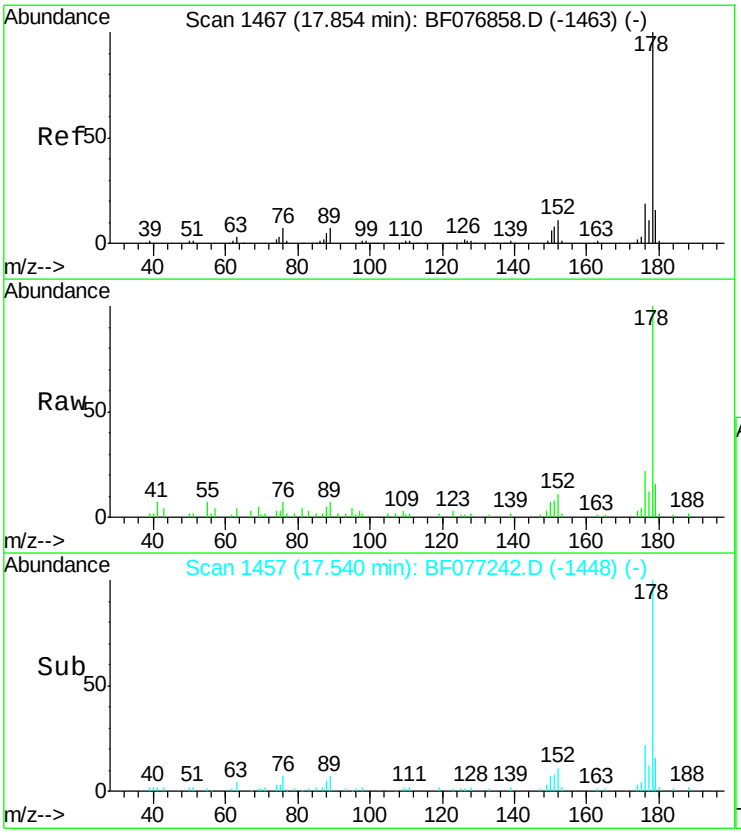
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:188 Resp: 164619

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.0	9.0
80	8.7	6.9	10.3

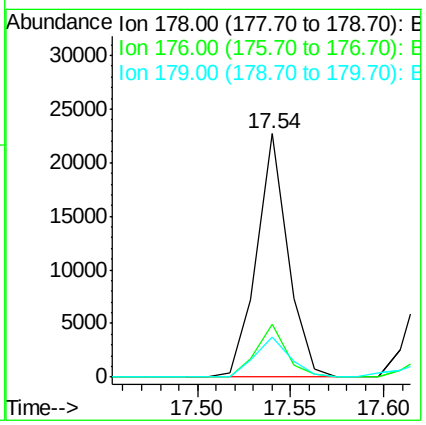


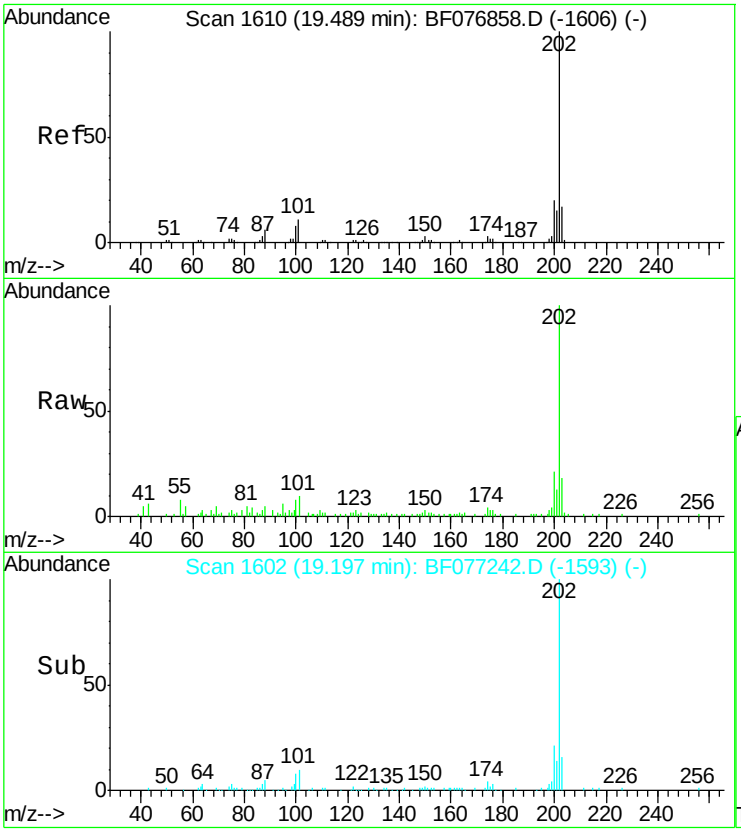


#70
Phenanthrene
Concen: 2.57 ng
RT: 17.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:178 Resp: 26352

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.1	22.7
179	16.5	12.7	19.1



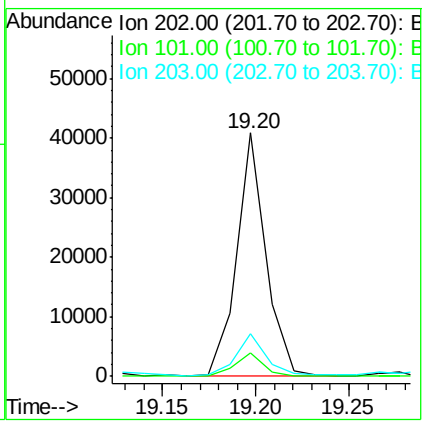


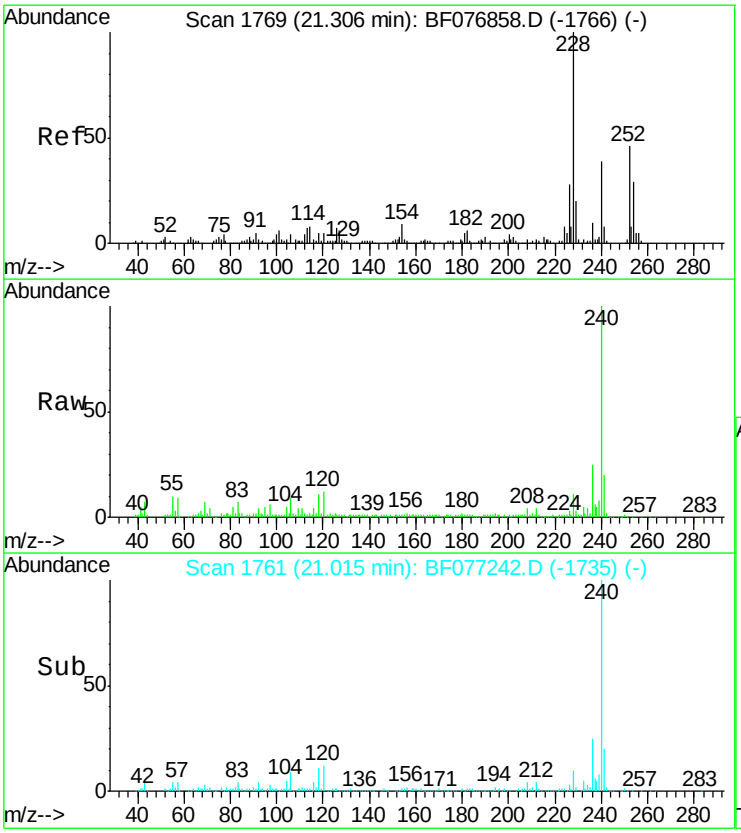
#74
Fluoranthene
Concen: 4.25 ng
RT: 19.20 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:202 Resp: 44702

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.7
203	17.7	0.0	36.9

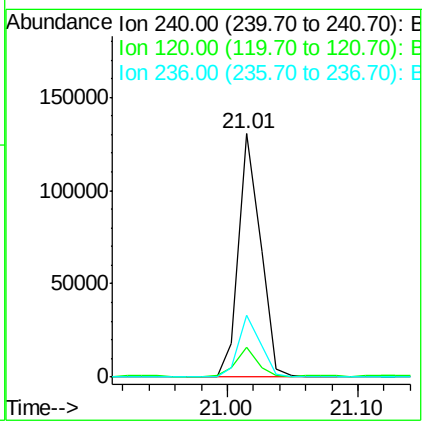


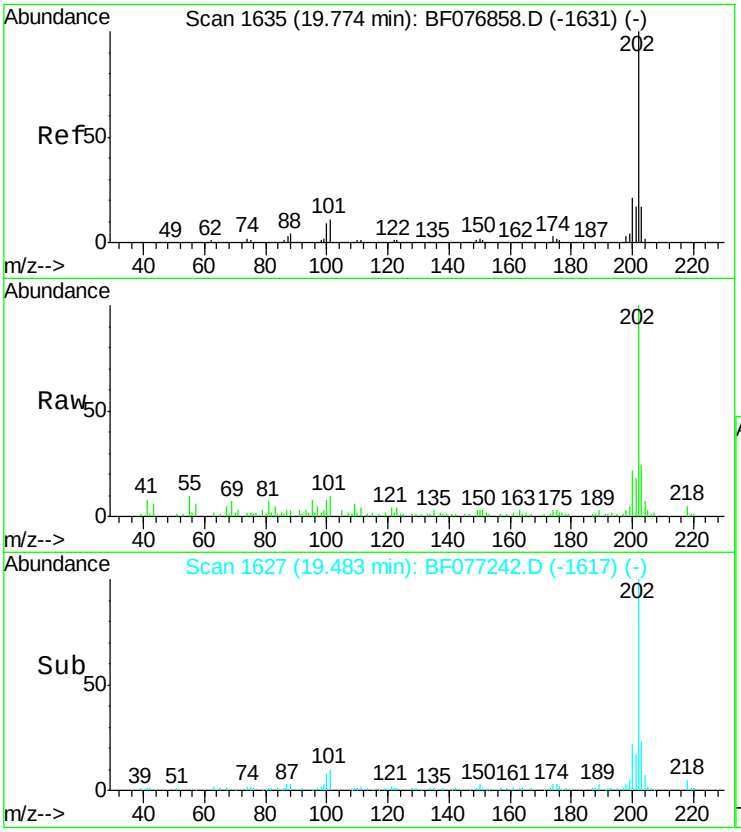


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:240 Resp: 152656

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.4	15.6
236	25.2	20.2	30.2



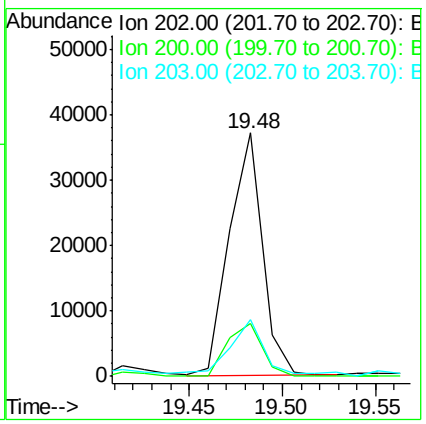


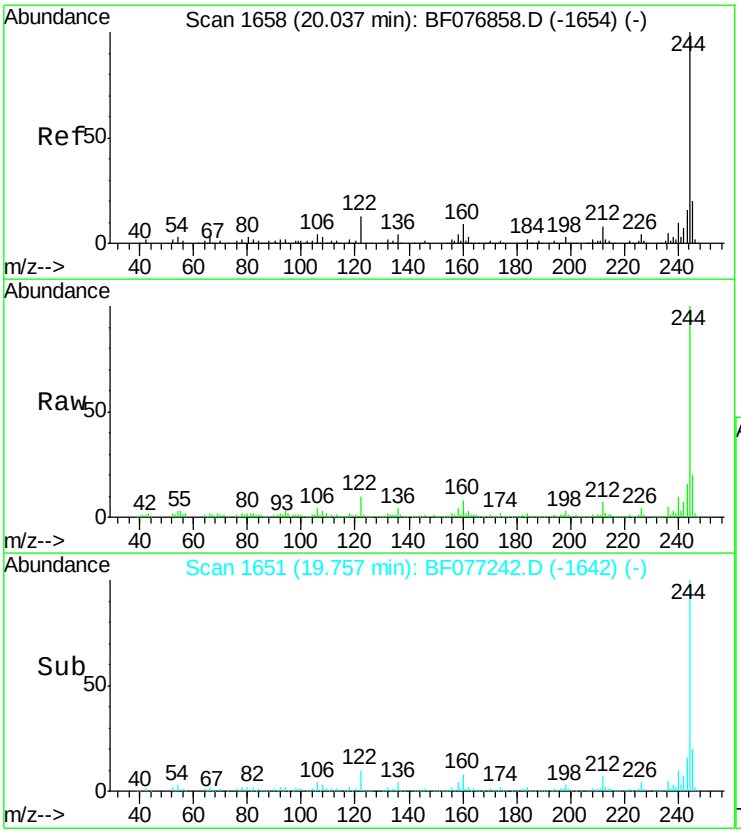
#77
Pyrene
Concen: 4.40 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:202 Resp: 46046

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	23.5	14.0	21.0#

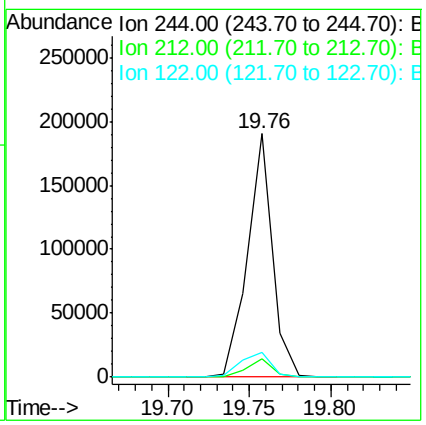


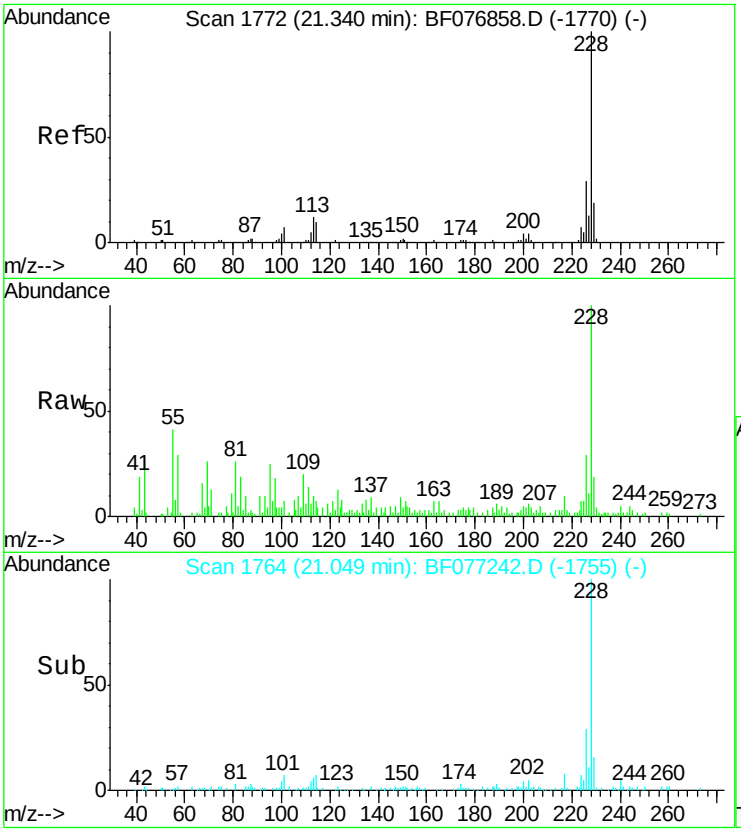


#78
Terphenyl-d14
Concen: 30.37 ng
RT: 19.76 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:244 Resp: 201372

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.2	10.1	15.1



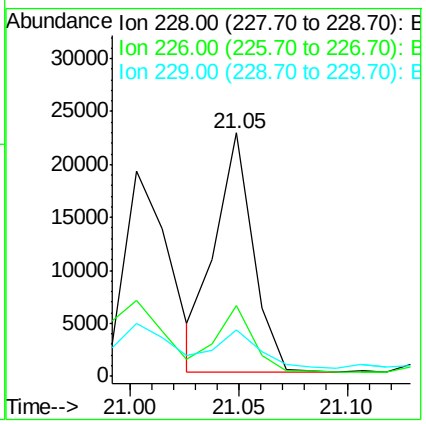


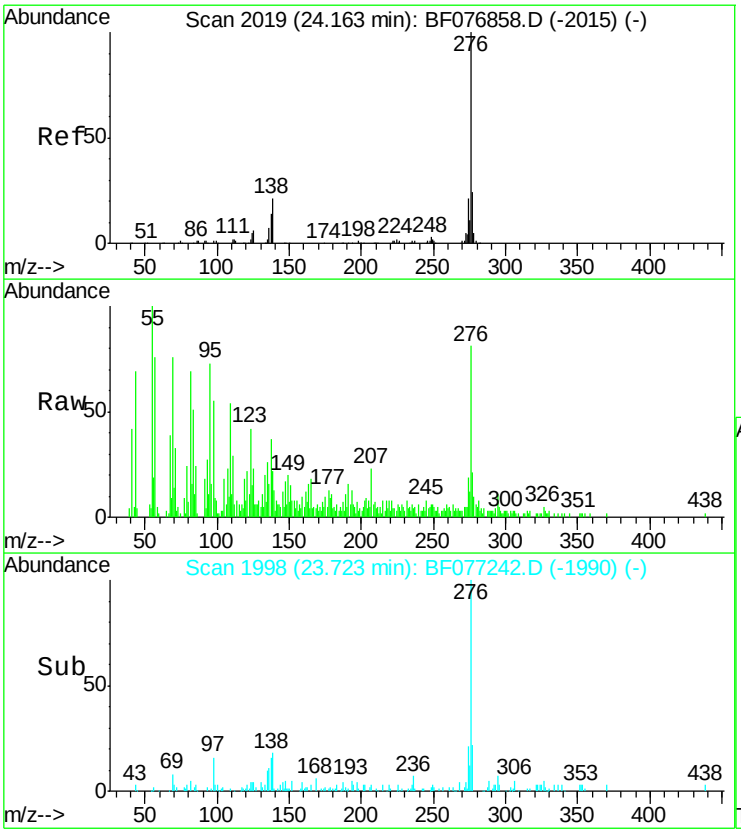
#82
Chrysene
Concen: 3.11 ng
RT: 21.05 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:228 Resp: 27183

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	19.0	15.4	23.0

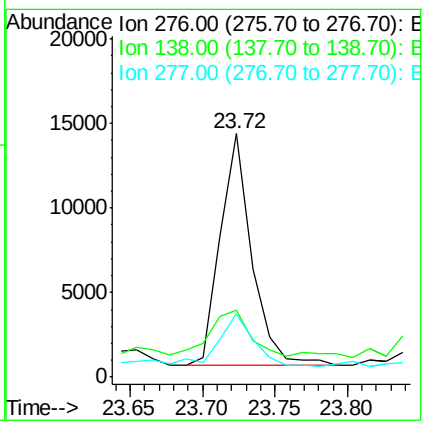


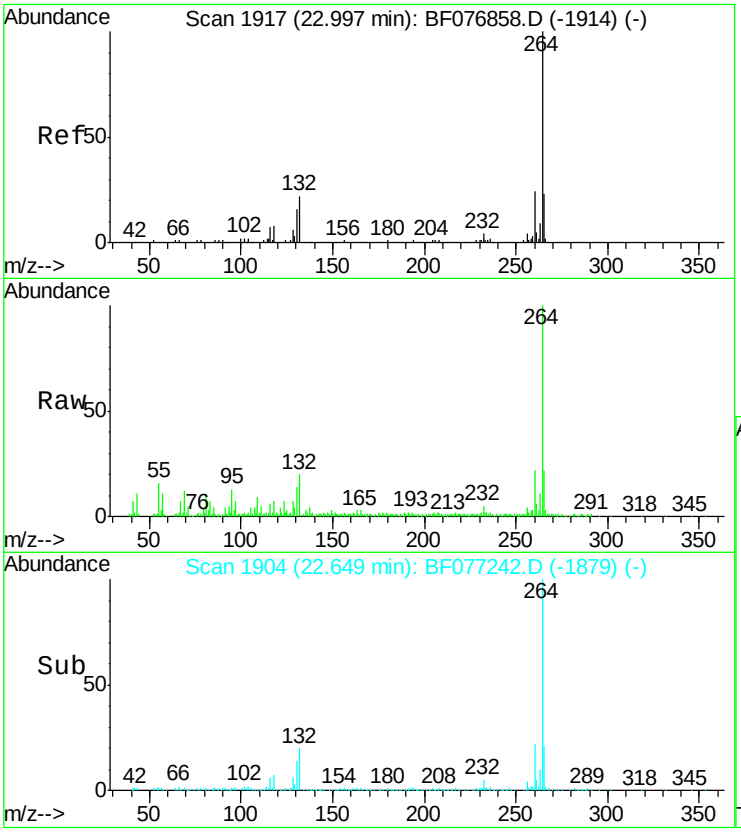


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.24 ng
RT: 23.72 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:276 Resp: 20713

Ion	Ratio	Lower	Upper
276	100		
138	25.4	14.6	22.0#
277	25.6	14.8	22.2#



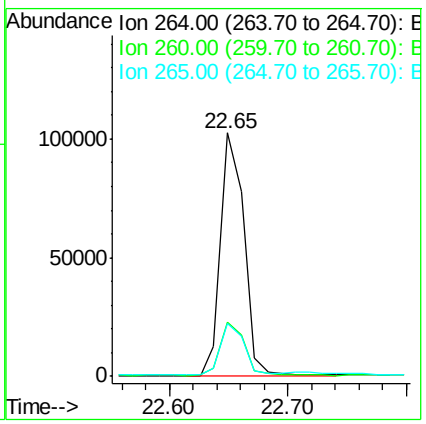


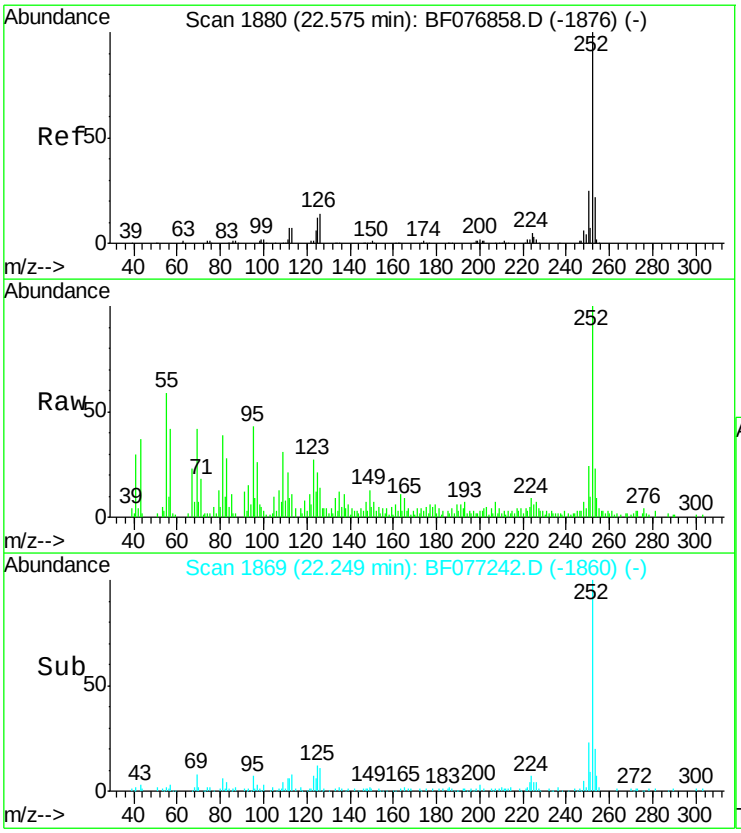
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.65 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:264 Resp: 141987

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	22.0	18.1	27.1

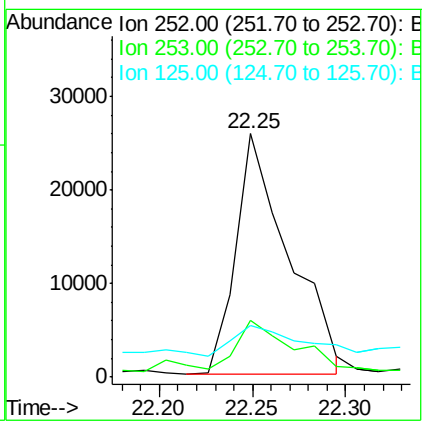


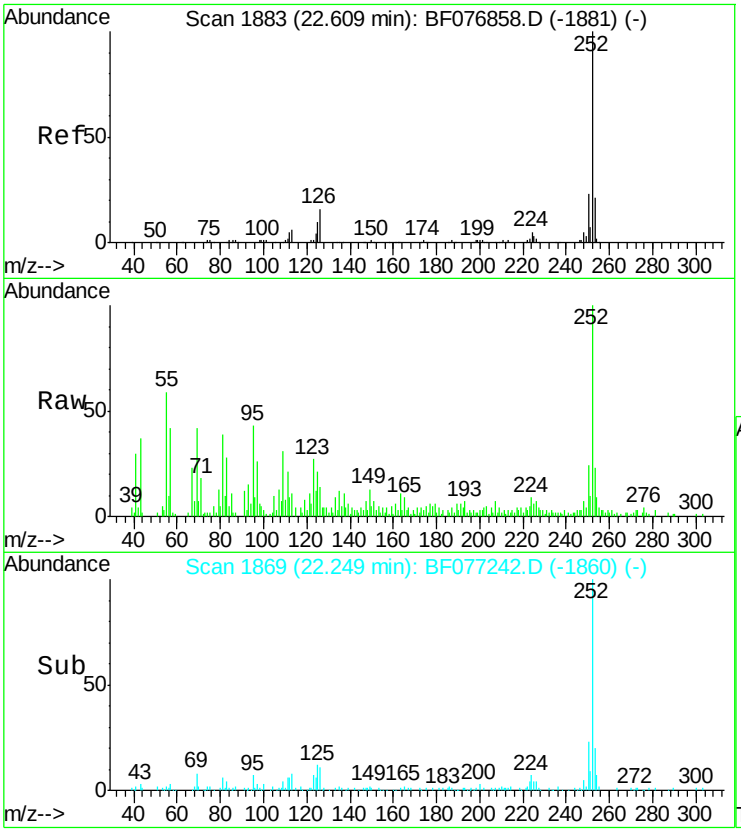


#87
Benzo(b)fluoranthene
Concen: 5.31 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:252 Resp: 50790

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	21.0	9.4	14.0#



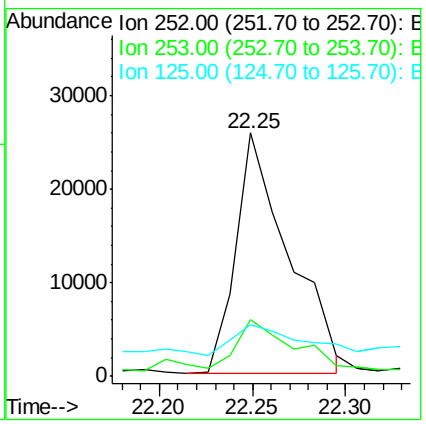


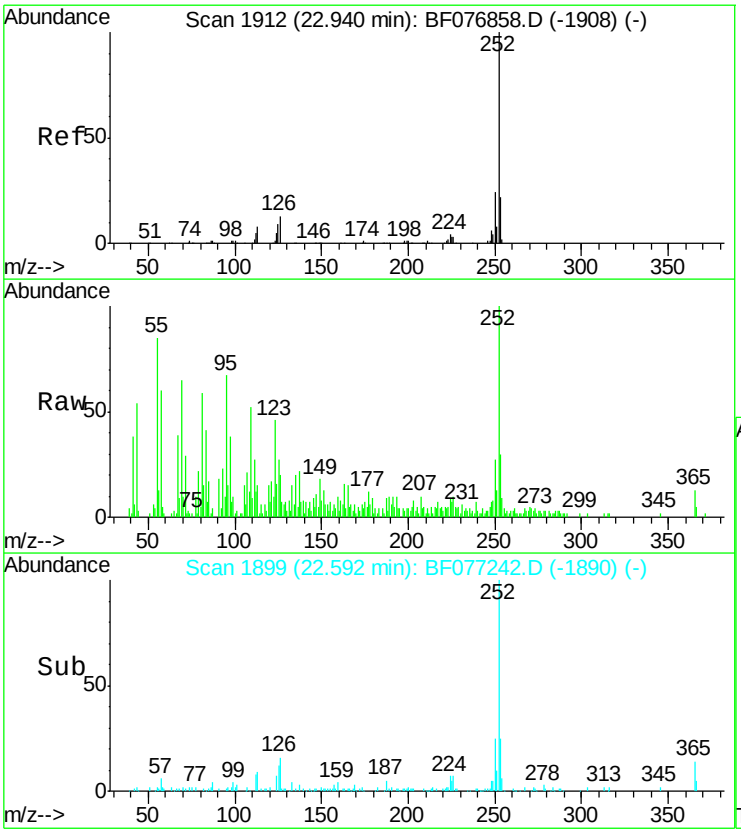
#88
Benzo(k)fluoranthene
Concen: 6.08 ng
RT: 22.25 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:252 Resp: 50790

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	21.0	7.1	10.7#

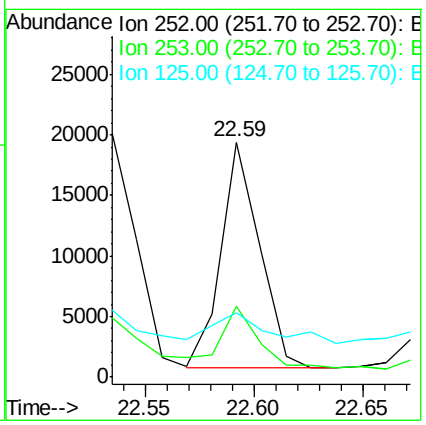


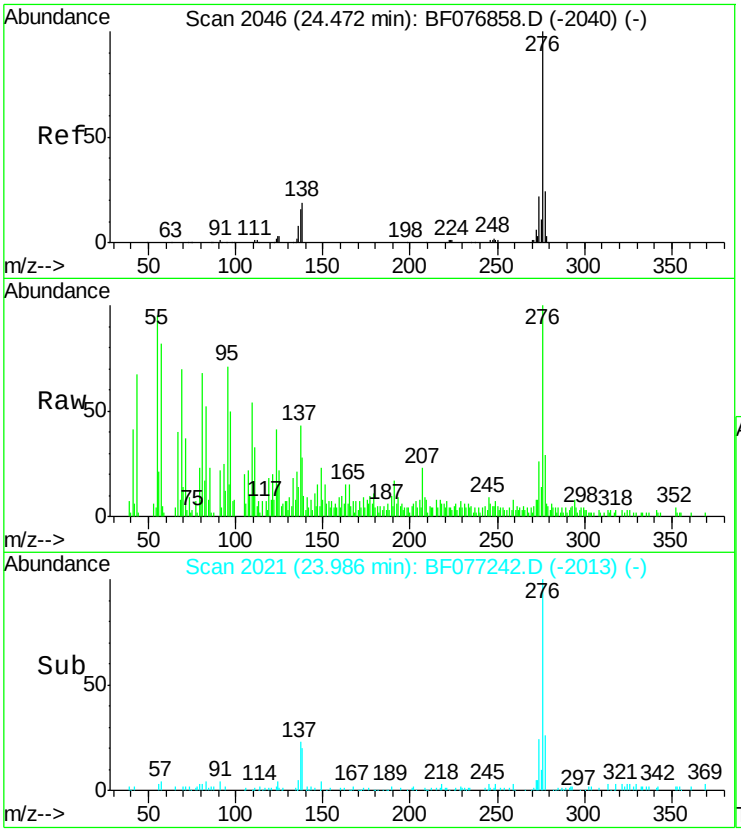


#89
Benzo(a)pyrene
Concen: 2.71 ng
RT: 22.59 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Tgt Ion:252 Resp: 22868

Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.9	26.9#
125	27.2	7.2	10.8#





#91
Benzo(g,h,i)perylene
Concen: 3.13 ng
RT: 23.99 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF077242.D
Acq: 10 Feb 2015 19:15

Instrument :
BNA_F
ClientSampleId :
UB11A

Tgt Ion:276 Resp: 24107

Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.5	29.3
138	27.7	15.0	22.6#