Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095936.D
Acq On : 14 Jun 2017 22:29
Operator : SJ/MA
Sample : I3660-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 15 01:09:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	72782	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	297421	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	124397	20.00	ng		-0.07
63) Phenanthrene-d10	14.58	188	186507	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	146370	20.00	ng		-0.06
86) Perylene-d12	19.97	264	118161	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	206169	45.14	ng		-0.05
7) Phenol-d6	6.91	99	260378	47.62	ng		-0.05
23) Nitrobenzene-d5	8.26	82	156815	32.74	ng		-0.06
41) 2,4,6-Tribromophenol	13.48	330	87963	79.92	ng		-0.07
44) 2-Fluorobiphenyl	11.15	172	428146	47.89	ng		-0.07
78) Terphenyl-d14	16.96	244	460132	78.02	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.26	70	18634	5.38	ng	#	67
49) Dimethylphthalate	11.84	163	74059	7.84	ng		100
55) 4-Nitrophenol	12.58	139	419	4.91	ng	#	25
70) Phenanthrene	14.62	178	121715	11.31	ng		96
71) Anthracene	14.72	178	31305	2.79	ng		93
74) Fluoranthene	16.40	202	224210	21.05	ng		100
77) Pyrene	16.70	202	219014	20.05	ng		97
80) Benzo(a)anthracene	18.29	228	117377	13.79	ng		98
82) Chrysene	18.33	228	109037	12.82	ng		97
85) Indeno(1,2,3-cd)pyrene	21.14	276	46433	6.38	ng		94
87) Benzo(b)fluoranthene	19.57	252	167071	22.58	ng	#	97
88) Benzo(k)fluoranthene	19.57	252	167071	23.62	ng		99
89) Benzo(a)pyrene	19.92	252	87037	12.80	ng		96
91) Benzo(g,h,i)perylene	21.48	276	42896	7.29	ng		96

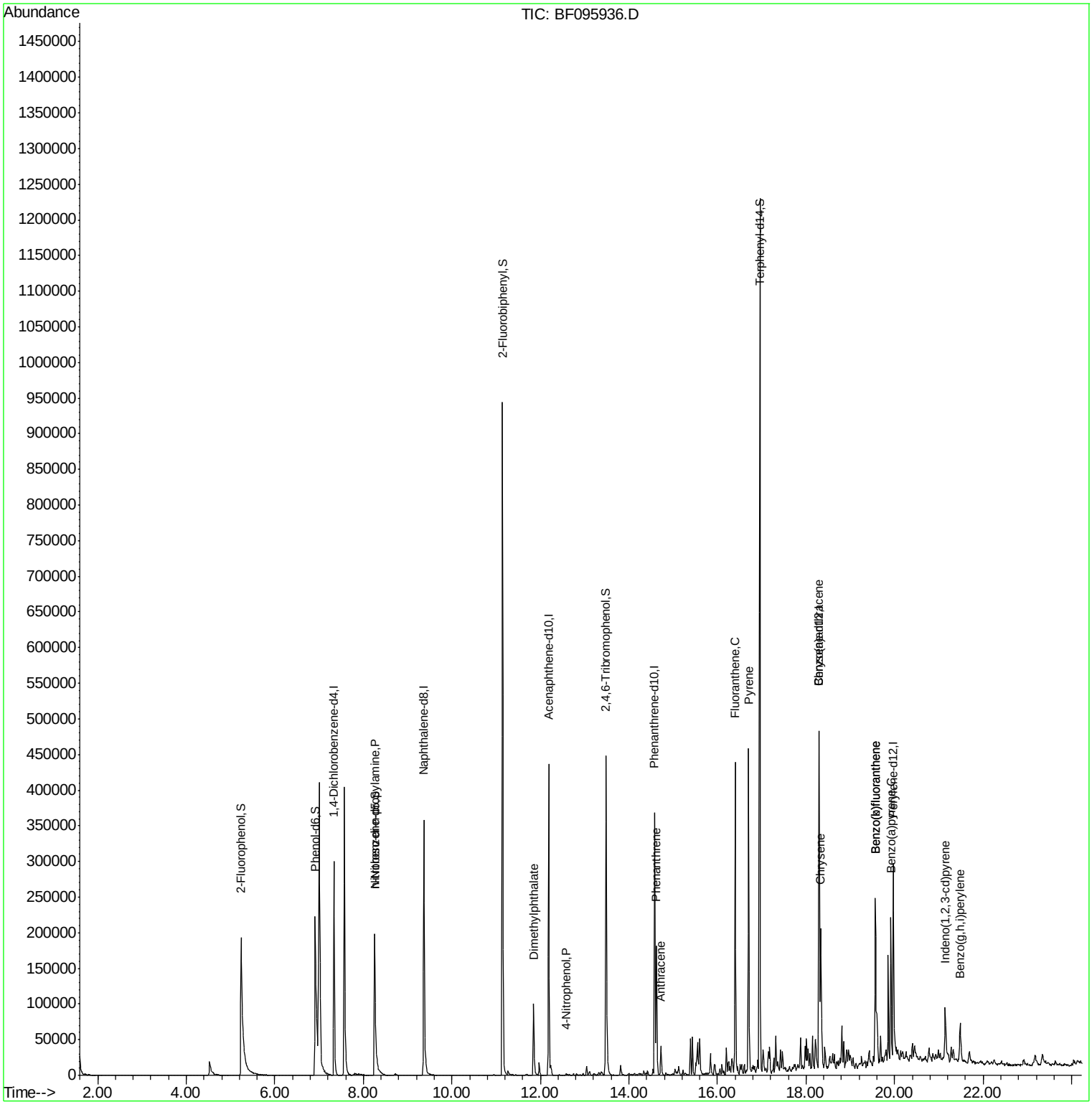
(#) = qualifier out of range (m) = manual integration (+) = signals summed

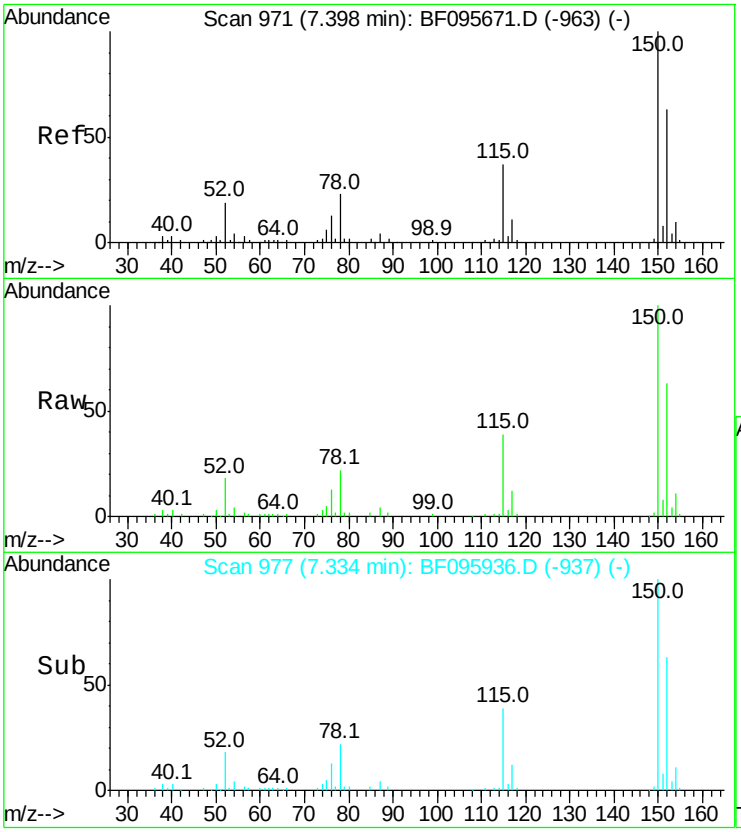
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095936.D
Acq On : 14 Jun 2017 22:29
Operator : SJ/MA
Sample : I3660-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 15 01:09:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



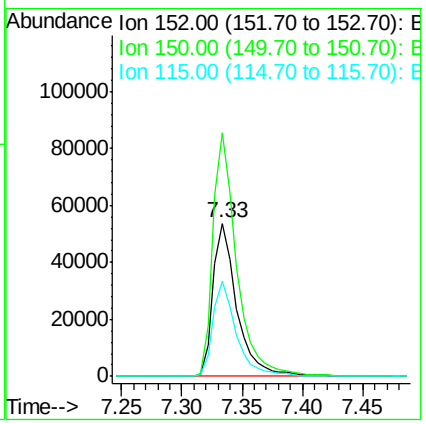


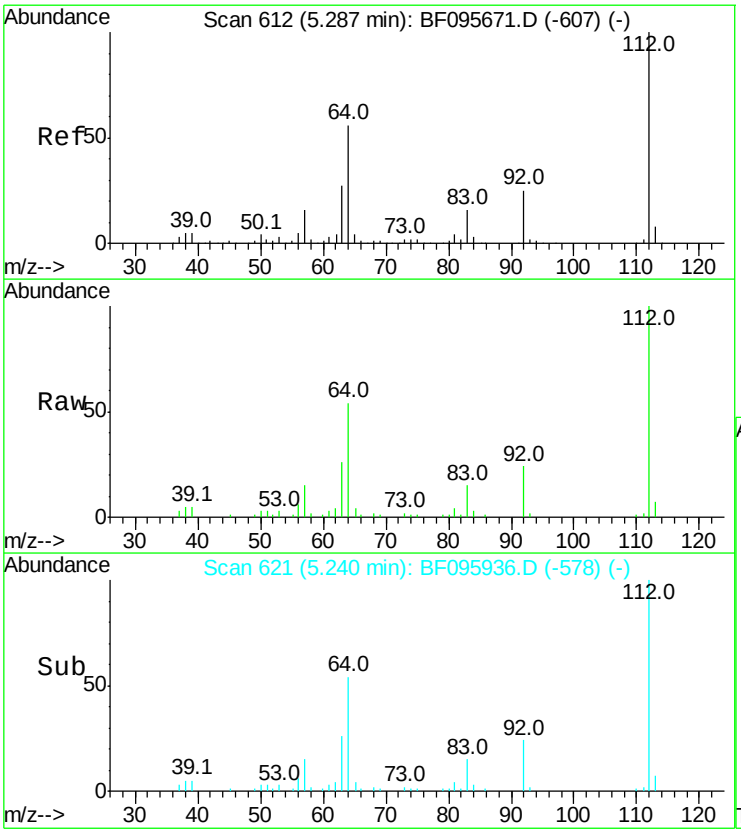
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 72782

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	61.9	52.2	78.2

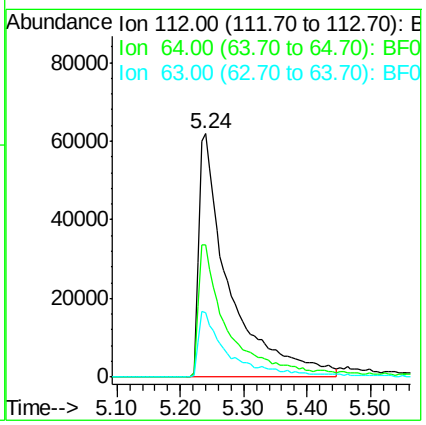


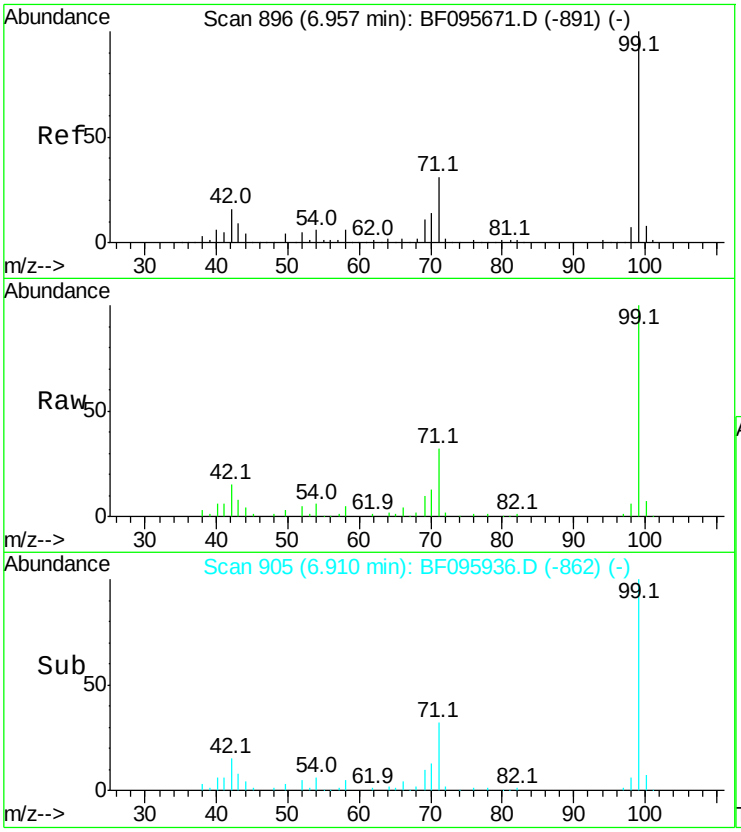


#5
2-Fluorophenol
Concen: 45.14 ng
RT: 5.24 min Scan# 621
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:112 Resp: 206169

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.4	23.4	35.0



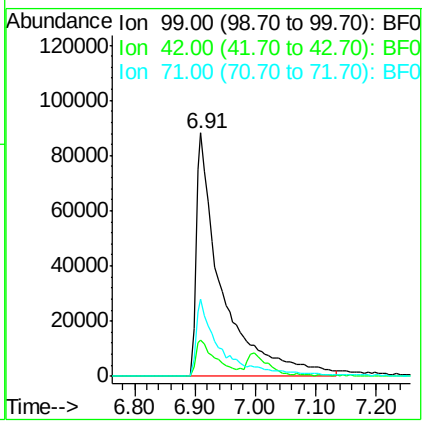


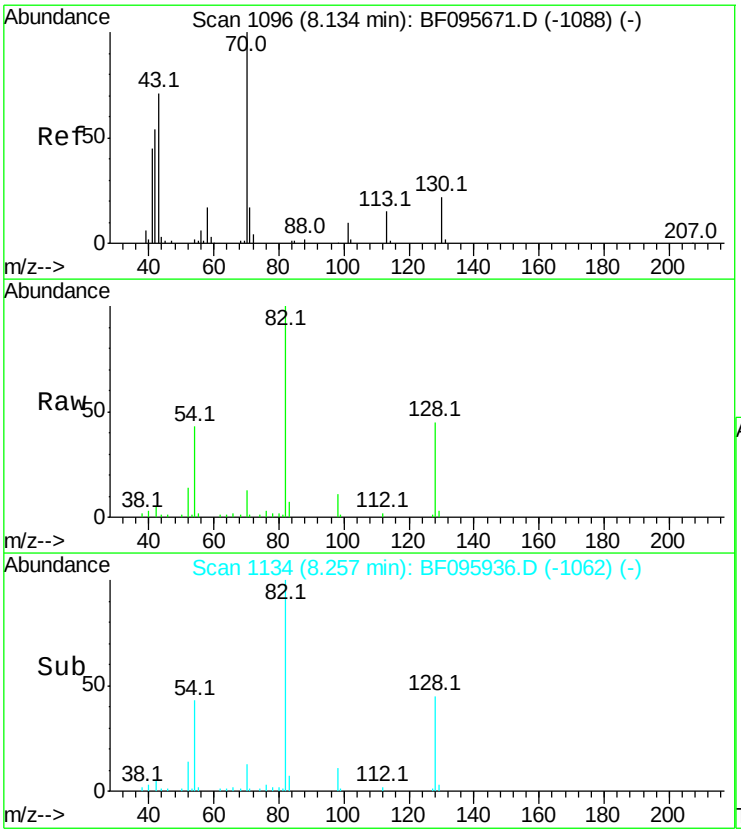
#7
Phenol-d6
Concen: 47.62 ng
RT: 6.91 min Scan# 905
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 260378

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	31.6	24.5	36.7

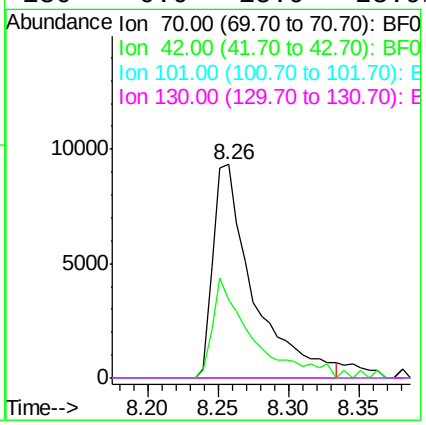


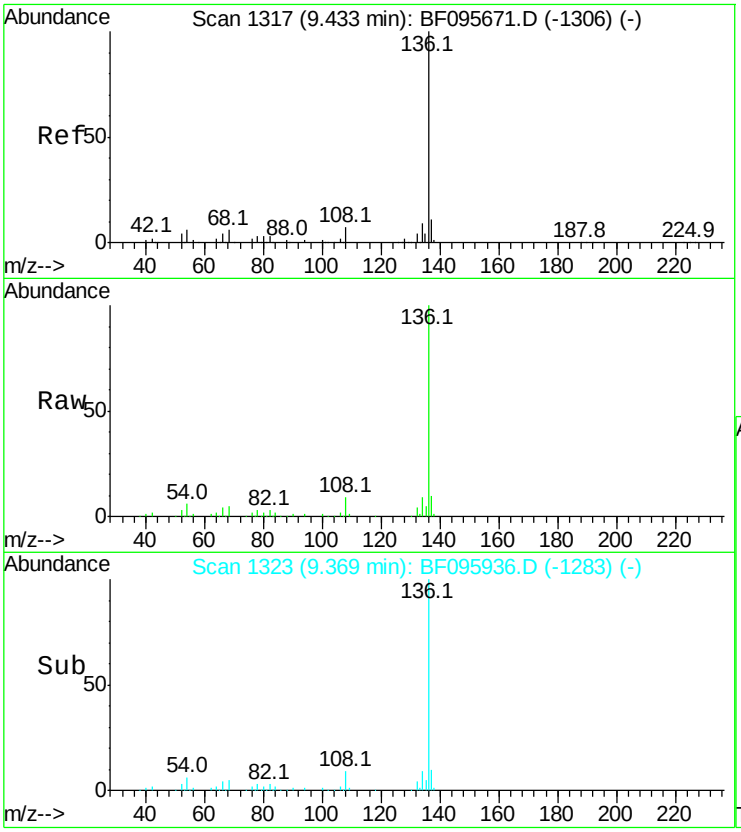


#19
n-Nitroso-di-n-propylamine
Concen: 5.38 ng
RT: 8.26 min Scan# 1134
Delta R.T. 0.12 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion: 70 Resp: 18634

Ion	Ratio	Lower	Upper
70	100		
42	36.3	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



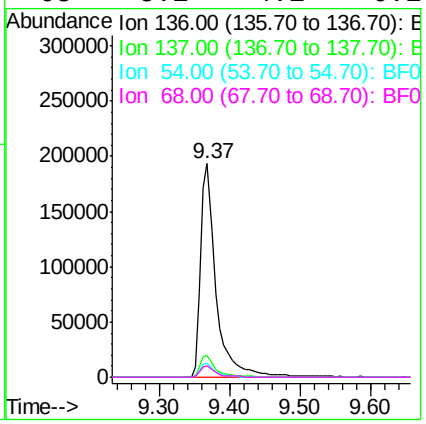


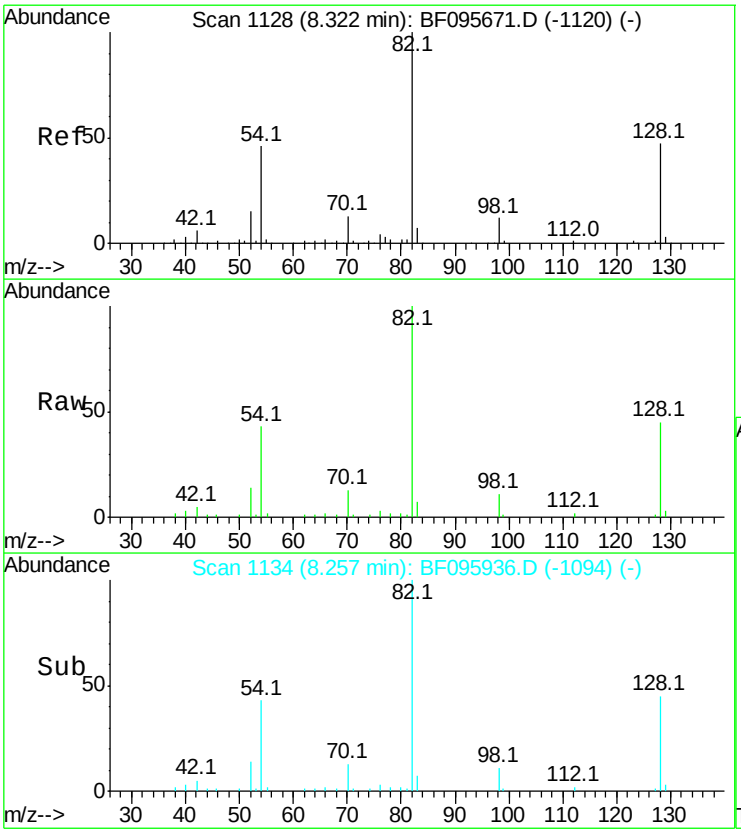
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.37 min Scan# 1323
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 297421

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	6.4	4.9	7.3
68	5.1	4.1	6.1

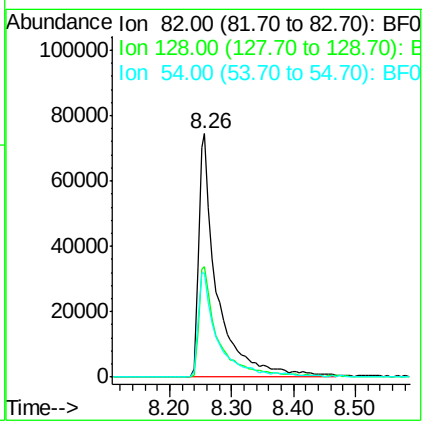


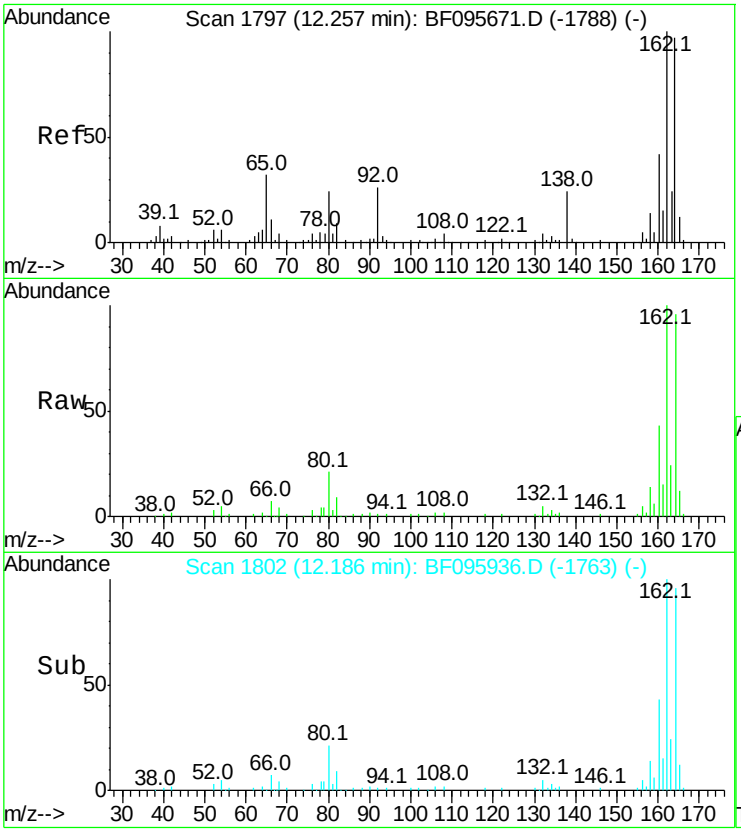


#23
Nitrobenzene-d5
Concen: 32.74 ng
RT: 8.26 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion: 82 Resp: 156815

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	42.8	42.2	63.2



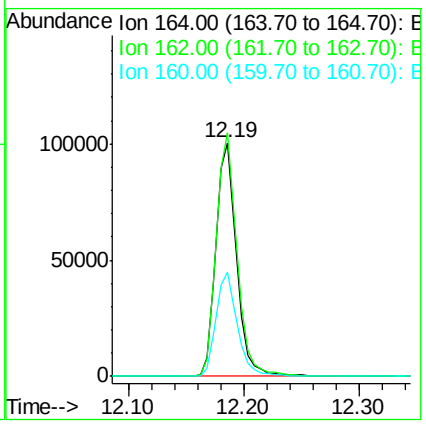


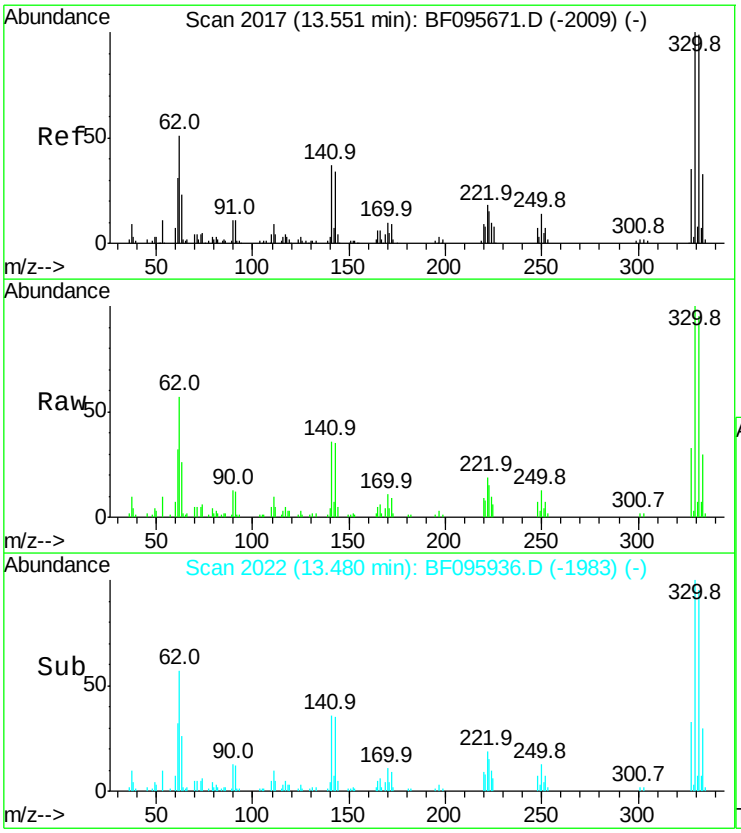
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124397

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	44.6	36.2	54.2

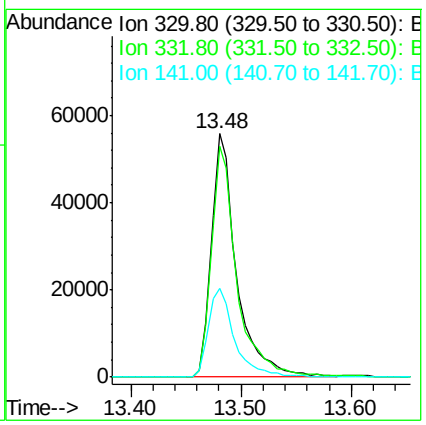


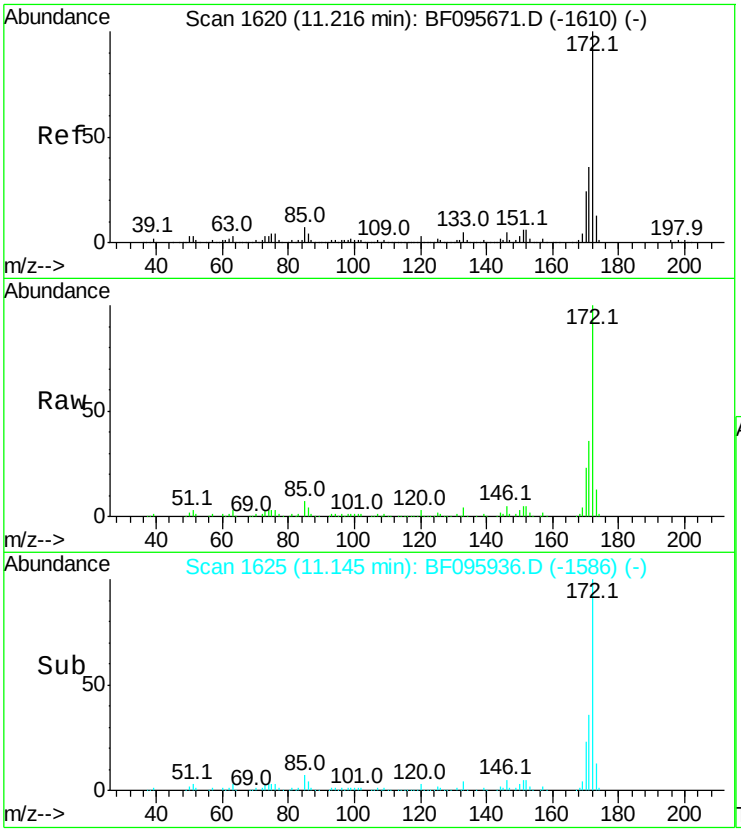


#41
2,4,6-Tribromophenol
Concen: 79.92 ng
RT: 13.48 min Scan# 2022
Delta R.T. -0.07 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:330 Resp: 87963

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	37.5	31.4	47.2



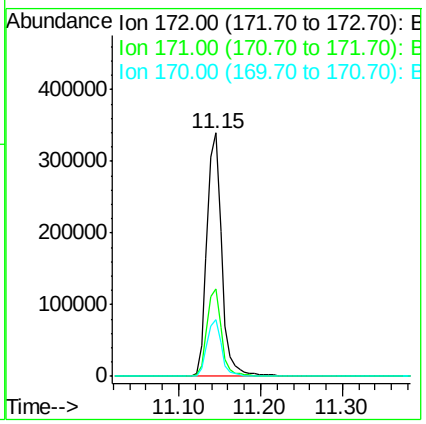


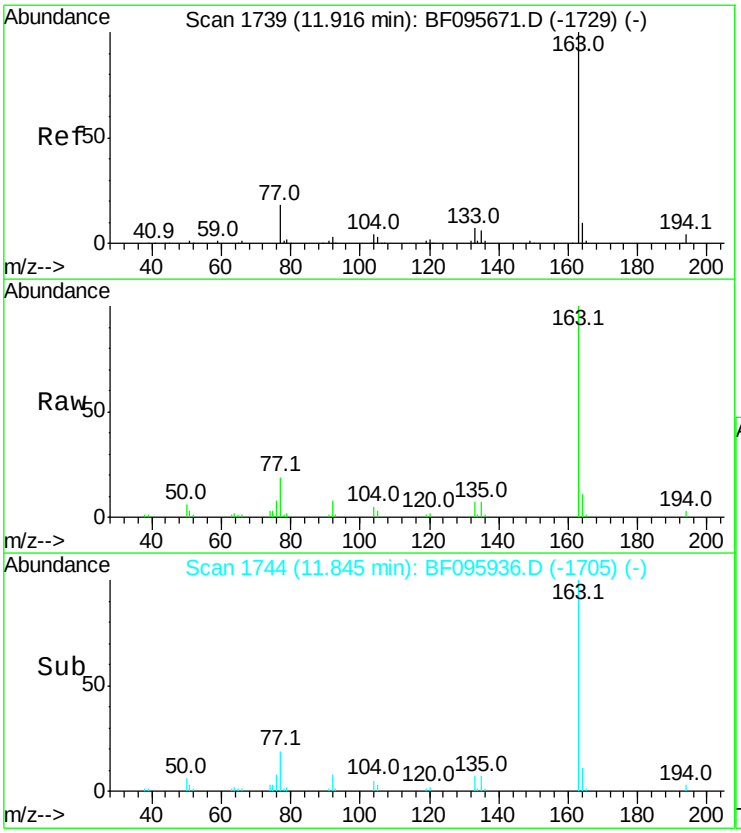
#44
2-Fluorobiphenyl
Concen: 47.89 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 428146

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.4	19.8	29.8

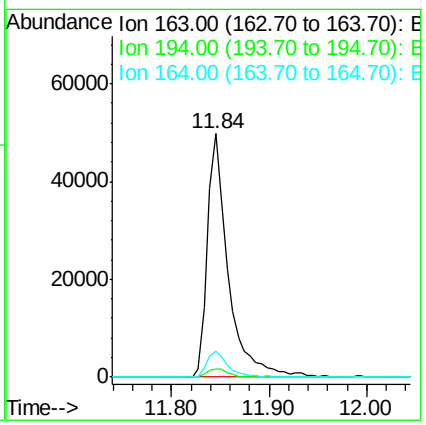


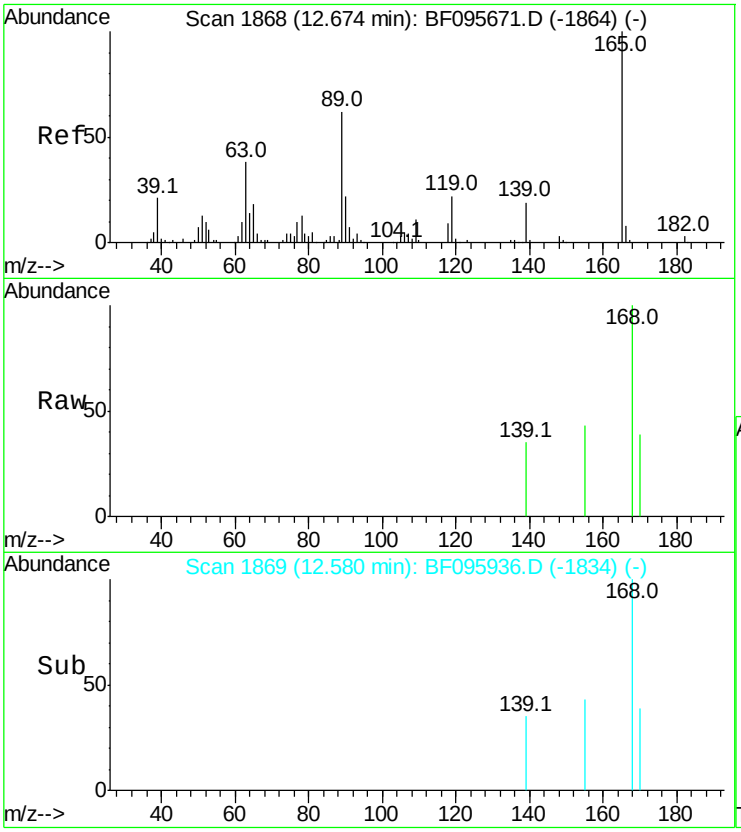


#49
Dimethylphthalate
Concen: 7.84 ng
RT: 11.84 min Scan# 1744
Delta R.T. -0.07 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:163 Resp: 74059

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6



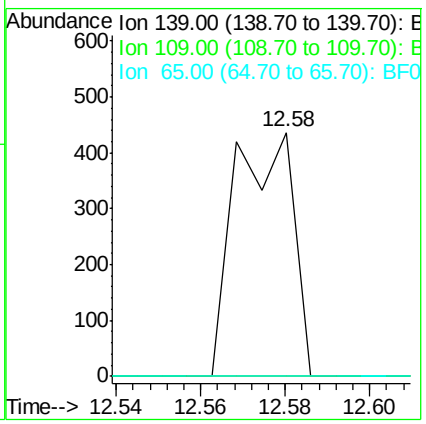


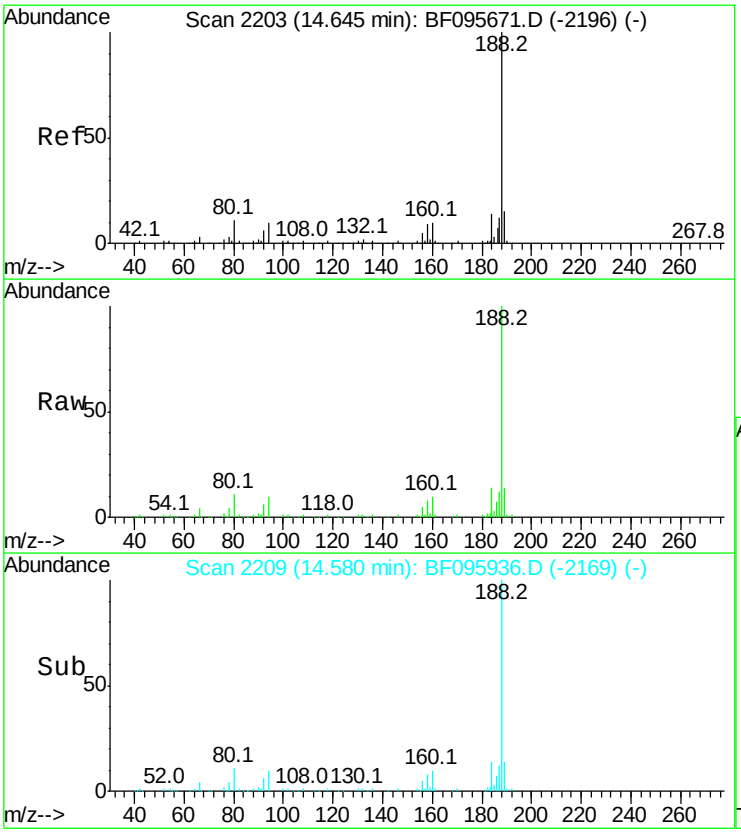
#55
4-Nitrophenol
Concen: 4.91 ng
RT: 12.58 min Scan# 1869
Delta R.T. -0.09 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 419

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

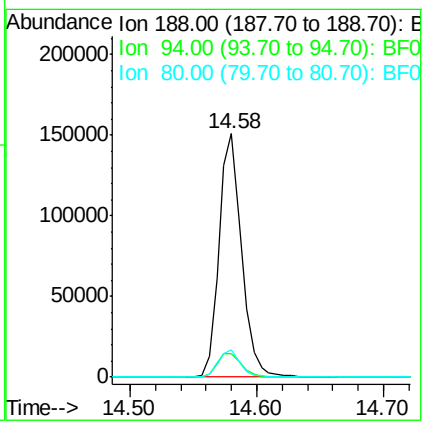


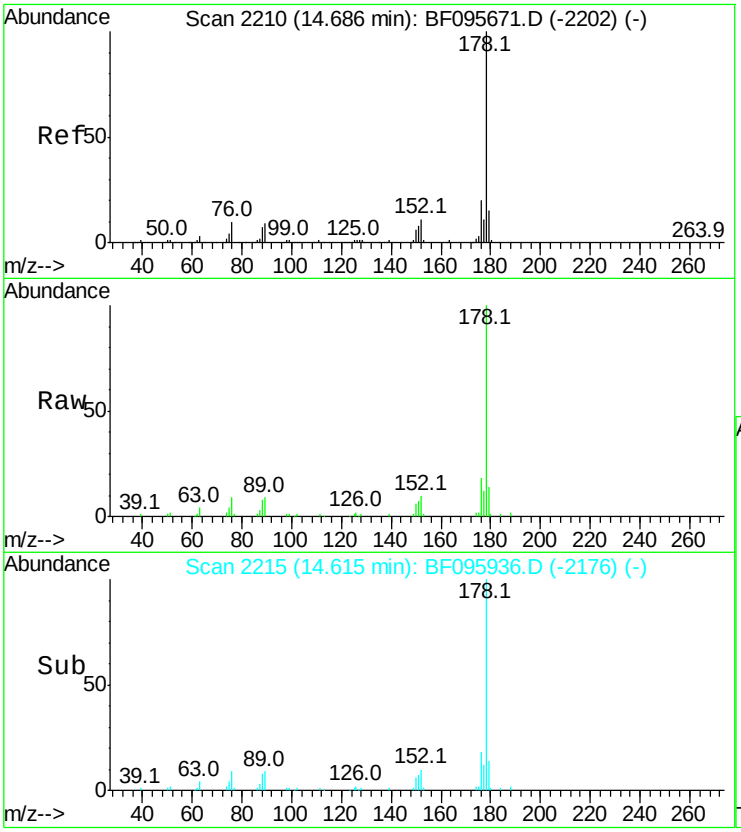


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:188 Resp: 186507

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	11.0	10.2	15.2



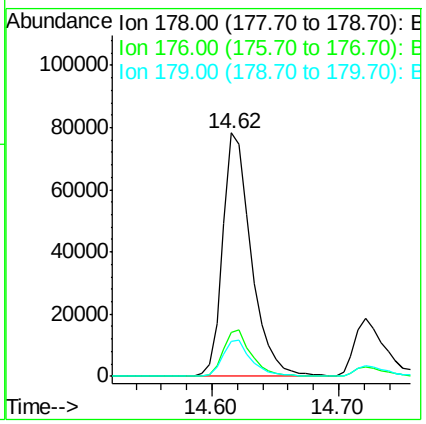


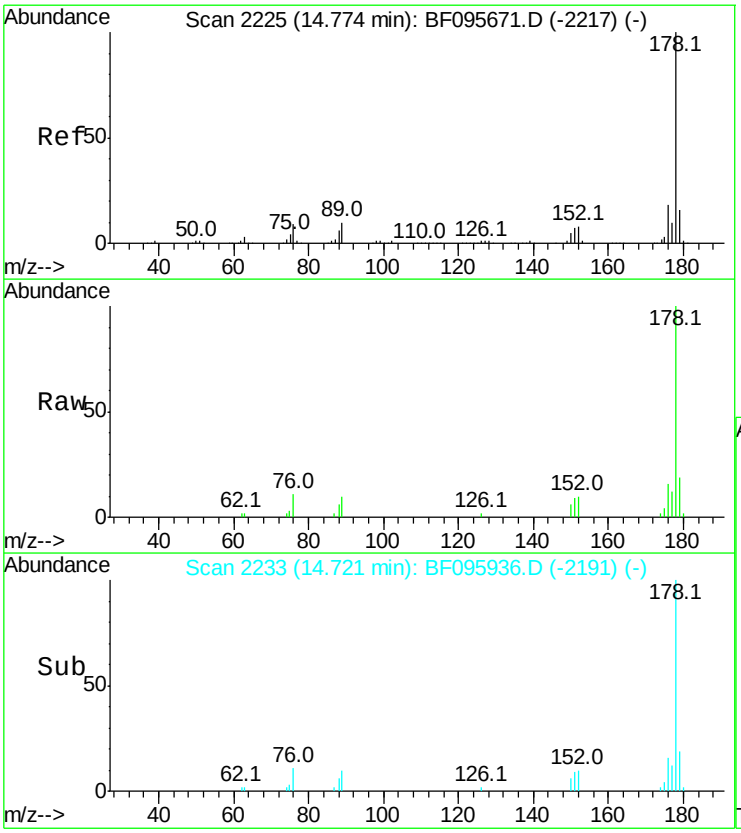
#70
Phenanthrene
Concen: 11.31 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.07 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 121715

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	14.5	12.6	19.0

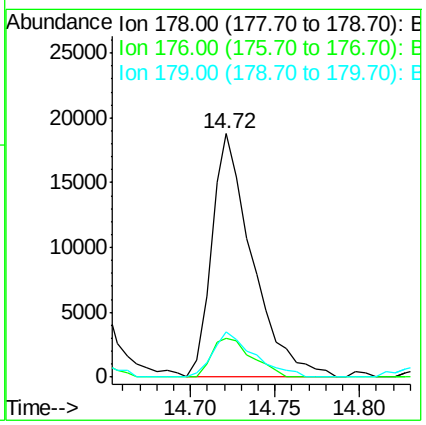


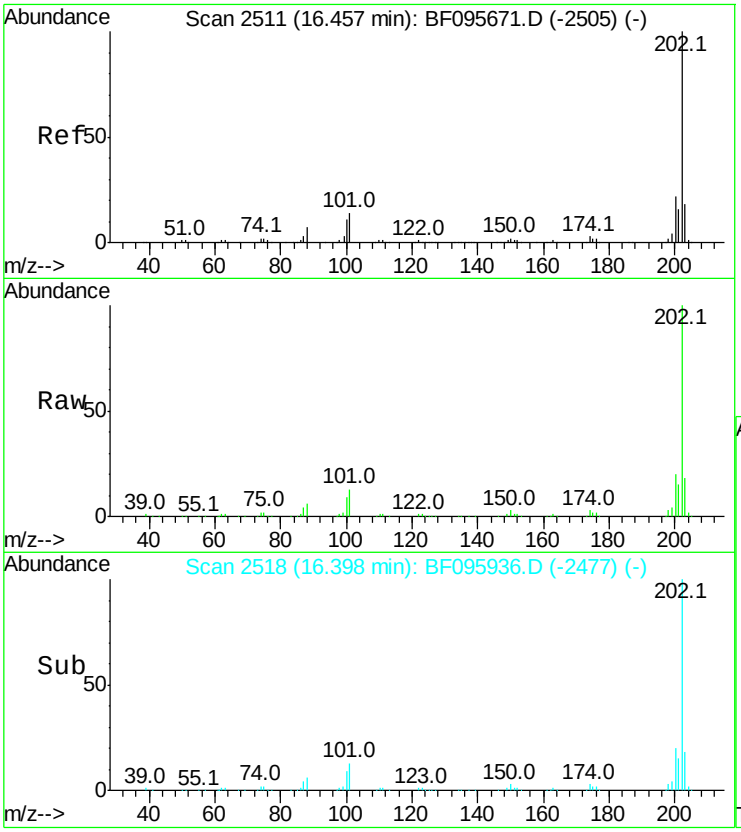


#71
Anthracene
Concen: 2.79 ng
RT: 14.72 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:178 Resp: 31305

Ion	Ratio	Lower	Upper
178	100		
176	16.0	15.8	23.8
179	18.6	12.7	19.1



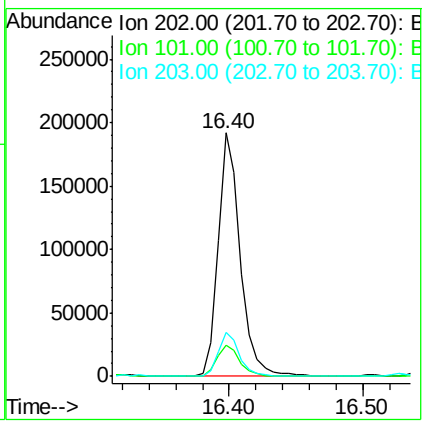


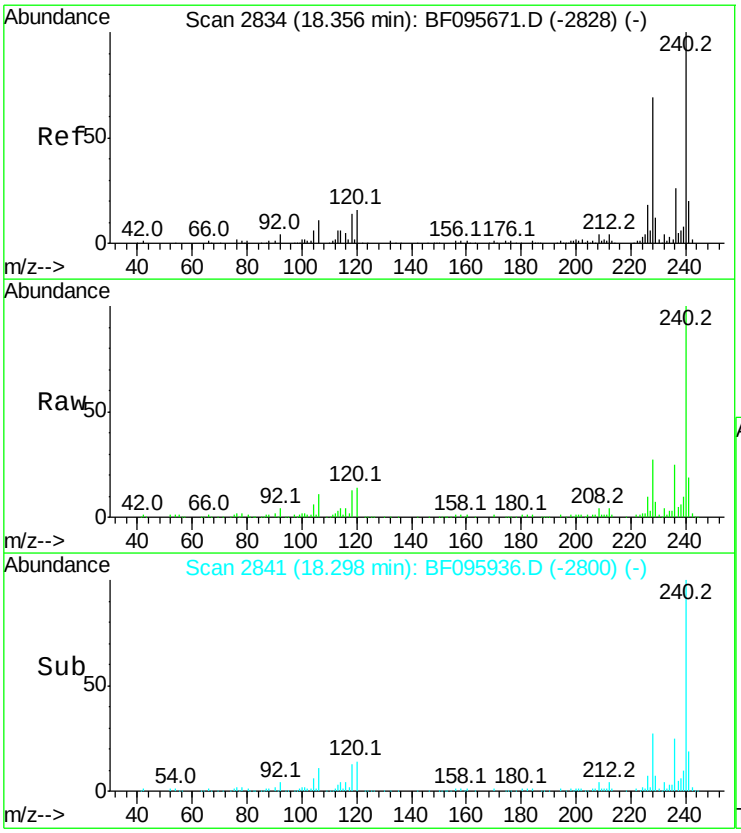
#74
Fluoranthene
Concen: 21.05 ng
RT: 16.40 min Scan# 2518
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 224210

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	18.0	0.0	38.1

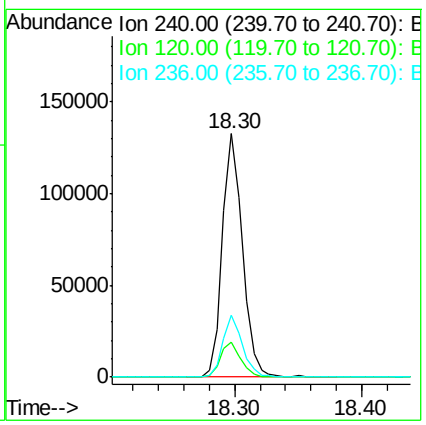


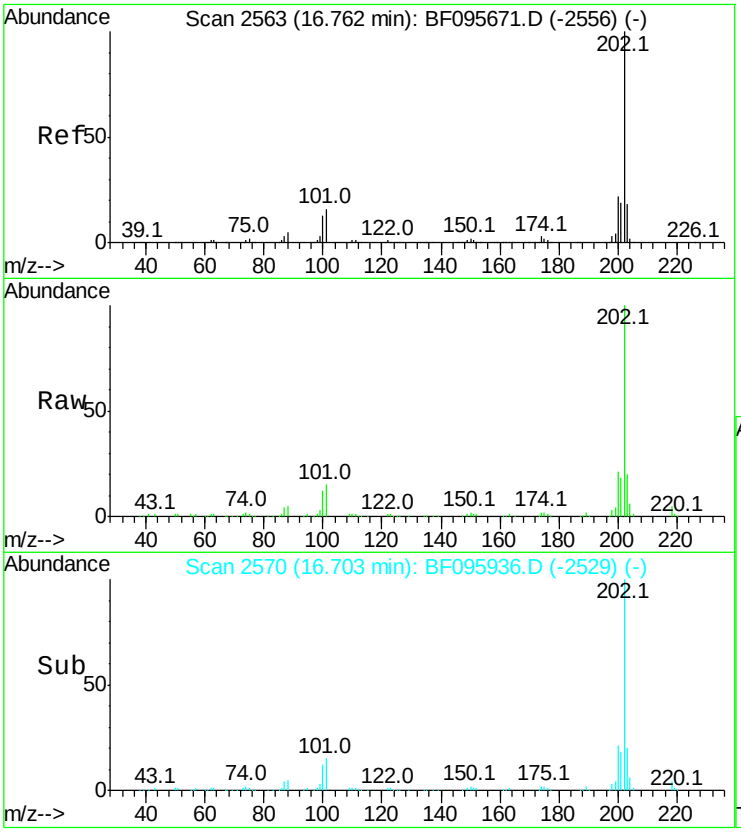


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2841
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:240 Resp: 146370

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.3	20.5	30.7



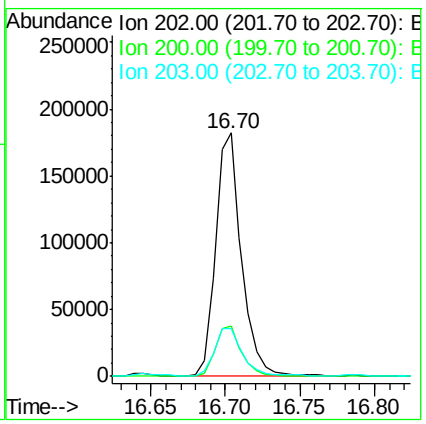


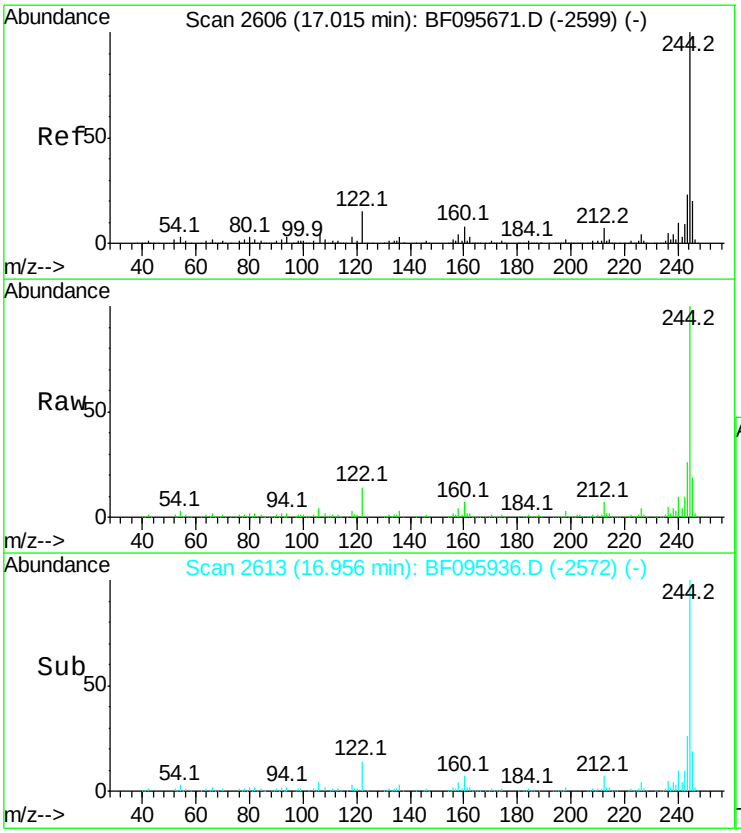
#77
Pyrene
Concen: 20.05 ng
RT: 16.70 min Scan# 2570
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 219014

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	19.7	14.4	21.6

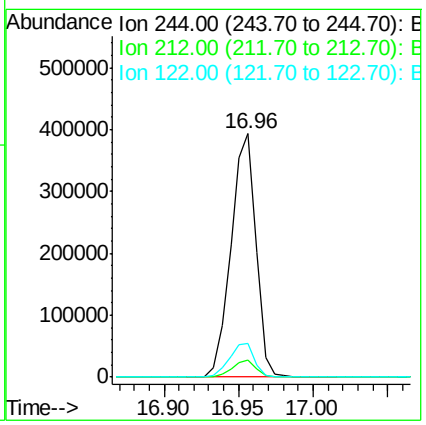


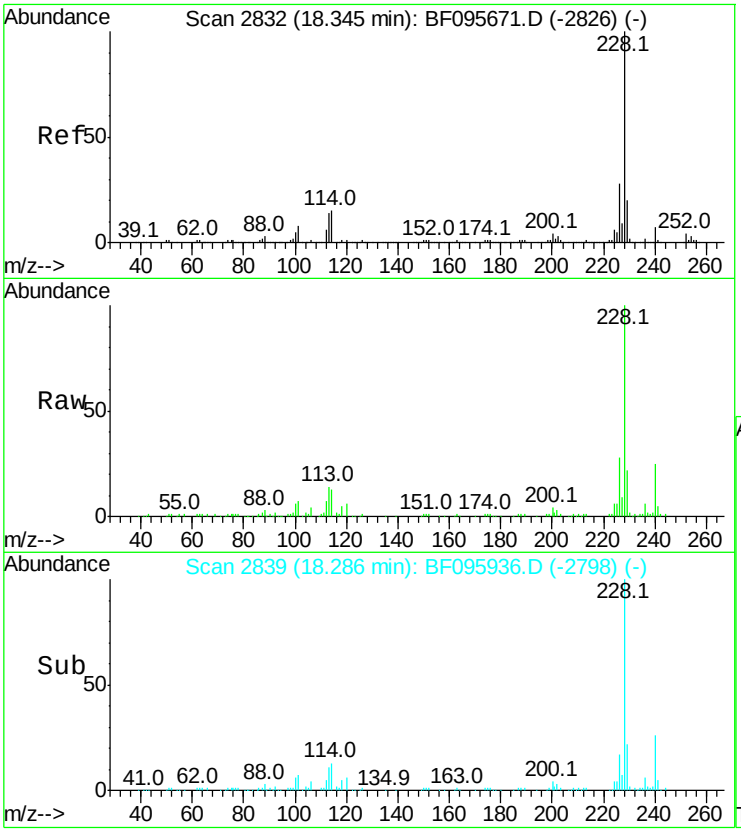


#78
Terphenyl-d14
Concen: 78.02 ng
RT: 16.96 min Scan# 2613
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:244 Resp: 460132

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5



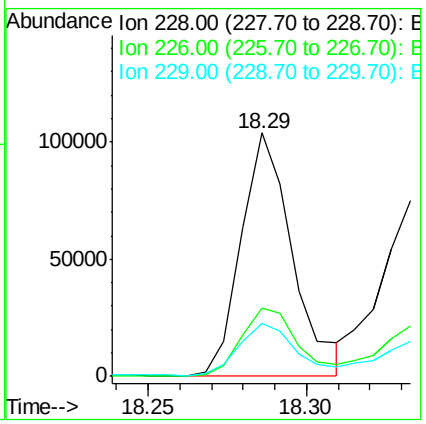


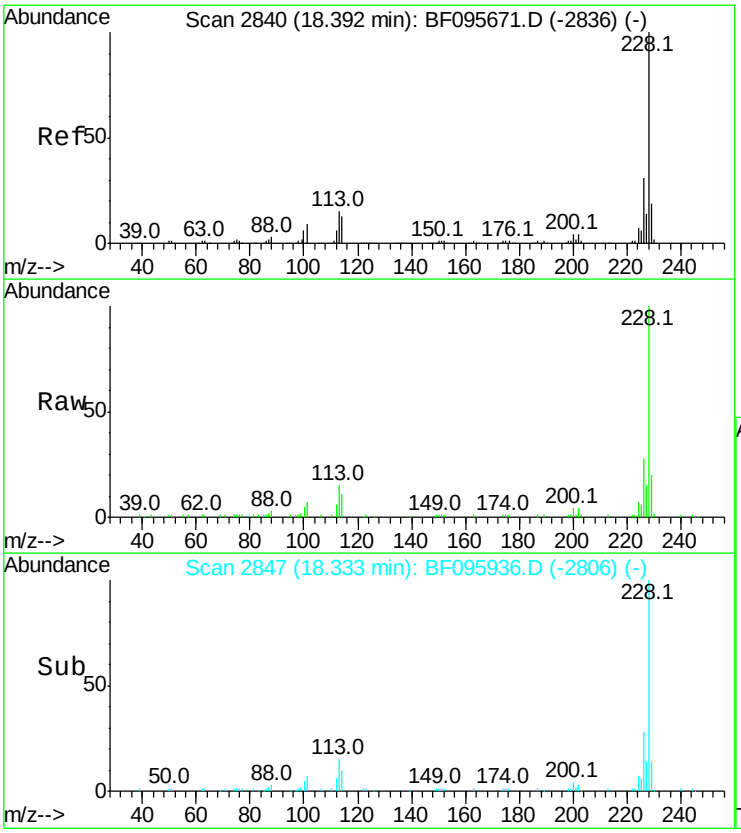
#80
Benzo(a)anthracene
Concen: 13.79 ng
RT: 18.29 min Scan# 2839
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 117377

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.9	16.3	24.5

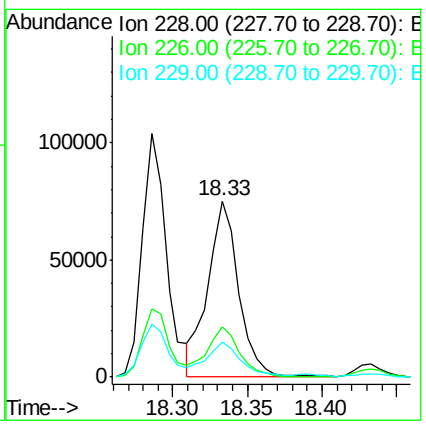


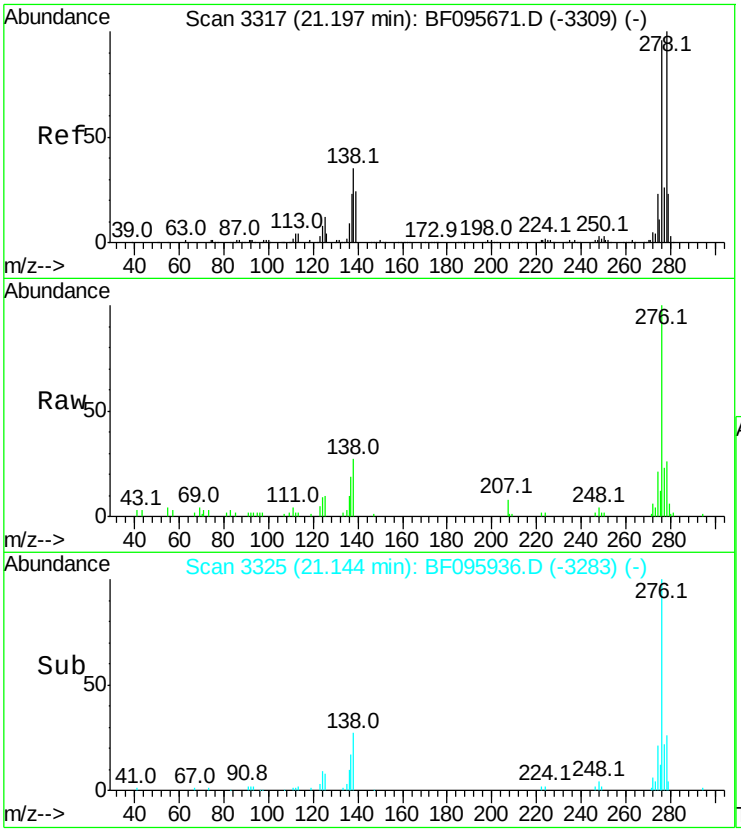


#82
Chrysene
Concen: 12.82 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.06 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:228 Resp: 109037

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.9	37.3
229	19.6	15.8	23.6



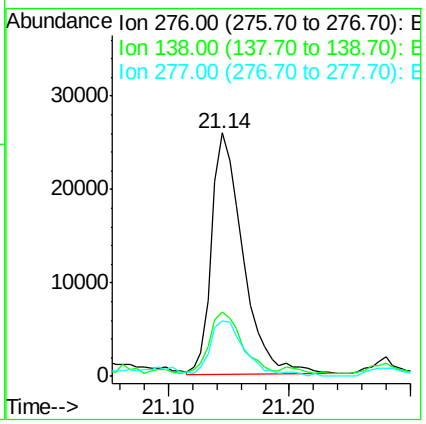


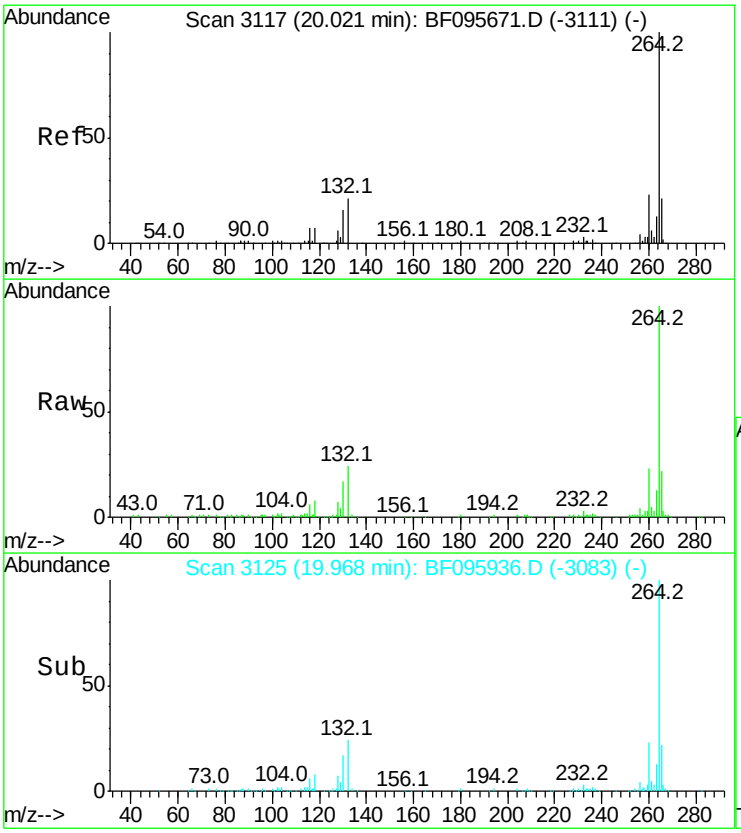
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.38 ng
RT: 21.14 min Scan# 3325
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 46433

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	25.8	20.2	30.4

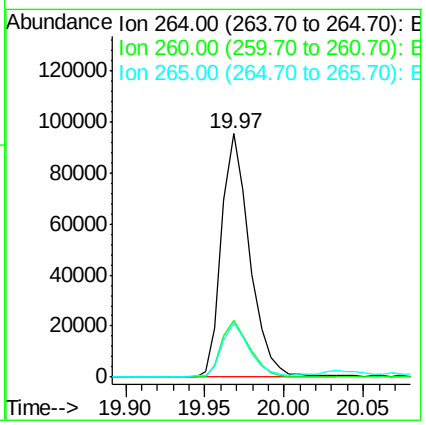


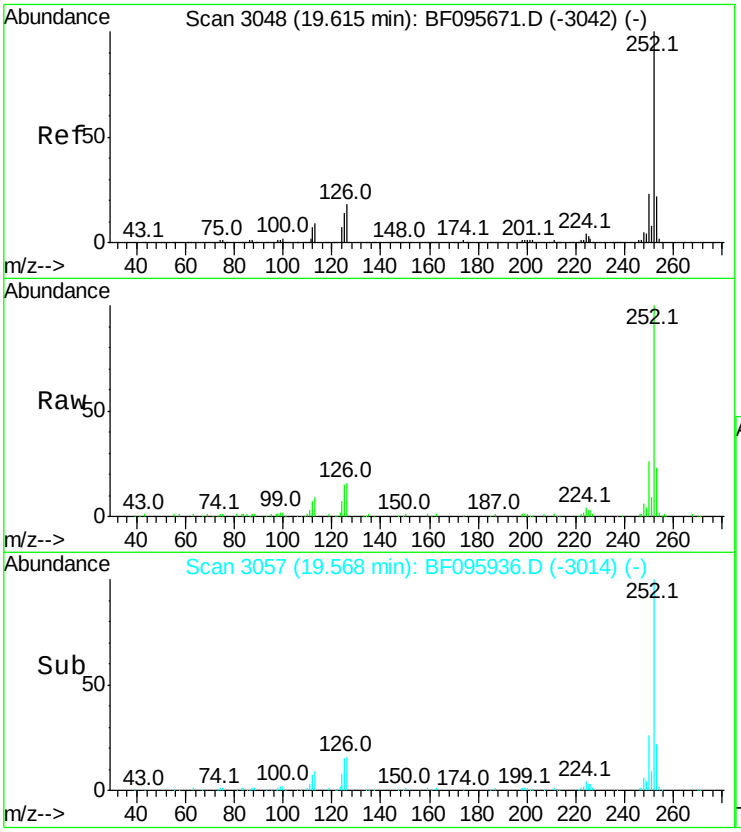


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3125
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:264 Resp: 118161

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.2	17.2	25.8



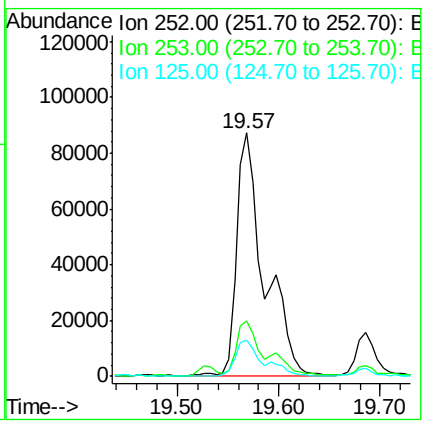


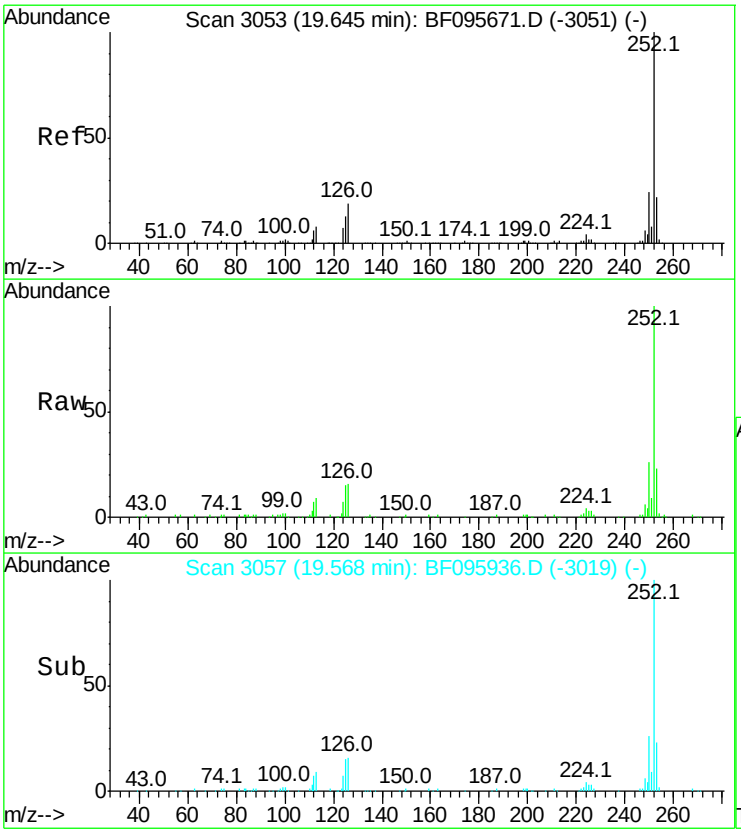
#87
Benzo(b)fluoranthene
Concen: 22.58 ng
RT: 19.57 min Scan# 3057
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 167071

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	15.1	9.8	14.8#

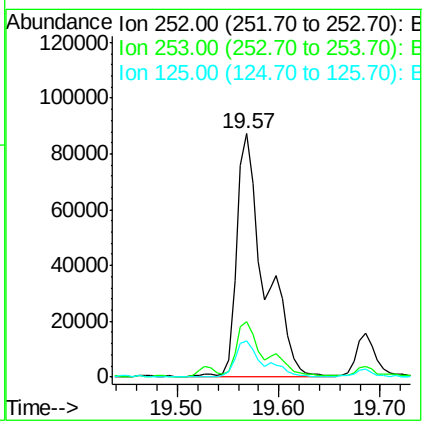


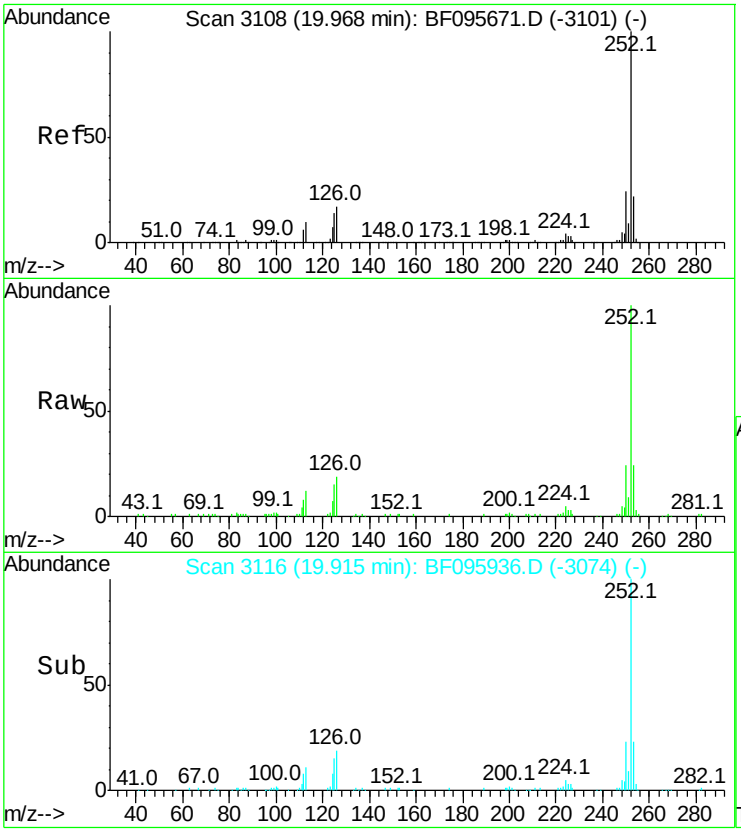


#88
Benzo(k)fluoranthene
Concen: 23.62 ng
RT: 19.57 min Scan# 3057
Delta R.T. -0.08 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:252 Resp: 167071

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	15.1	13.1	19.7



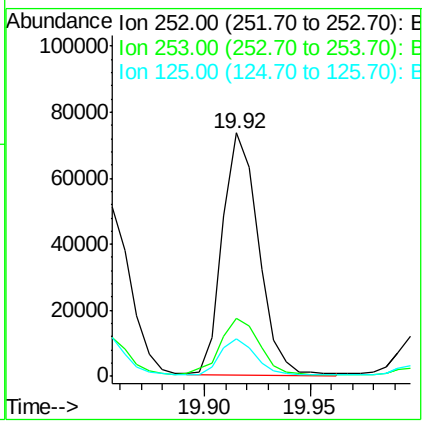


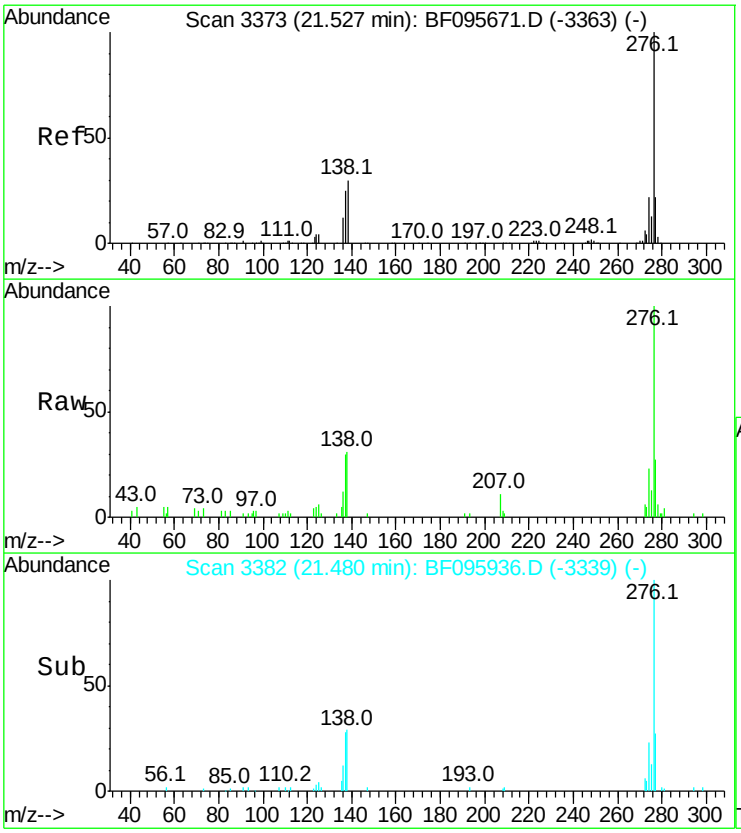
#89
Benzo(a)pyrene
Concen: 12.80 ng
RT: 19.92 min Scan# 3116
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 87037

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	15.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.29 ng
RT: 21.48 min Scan# 3382
Delta R.T. -0.05 min
Lab File: BF095936.D
Acq: 14 Jun 2017 22:29

Tgt Ion:276 Resp: 42896

Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.6	28.0
138	31.2	25.4	38.0