Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096184.D
Acq On : 24 Jun 2017 11:49
Operator : SJ/MA
Sample : I3849-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 26 01:20:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	66605	20.00	ng		-0.03
21) Naphthalene-d8	9.30	136	278487	20.00	ng		-0.03
38) Acenaphthene-d10	12.12	164	124273	20.00	ng		-0.04
63) Phenanthrene-d10	14.51	188	209300	20.00	ng		-0.03
75) Chrysene-d12	18.25	240	127797	20.00	ng		-0.02
86) Perylene-d12	19.93	264	125301	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	23082	5.52	ng		0.06
7) Phenol-d6	6.93	99	25776	5.15	ng		0.06
23) Nitrobenzene-d5	8.23	82	24725	5.51	ng		0.01
41) 2,4,6-Tribromophenol	13.44	330	7929	7.21	ng		-0.01
44) 2-Fluorobiphenyl	11.08	172	62967	7.05	ng		-0.03
78) Terphenyl-d14	16.90	244	38857	7.55	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.54	88	33200	16.70	ng	#	23
50) 2,6-Dinitrotoluene	12.12	165	15452	7.51	ng	#	31
55) 4-Nitrophenol	12.49	139	3680	7.10	ng	#	25
70) Phenanthrene	14.54	178	175031	14.49	ng		97
71) Anthracene	14.65	178	38588	3.06	ng		97
74) Fluoranthene	16.34	202	171932	14.38	ng		98
77) Pyrene	16.64	202	148772	15.60	ng		95
80) Benzo(a)anthracene	18.24	228	51229	6.89	ng		98
82) Chrysene	18.29	228	48931	6.59	ng		98
85) Indeno(1,2,3-cd)pyrene	21.10	276	28506	4.49	ng		95
87) Benzo(b)fluoranthene	19.53	252	74307	9.47	ng	#	95
88) Benzo(k)fluoranthene	19.53	252	74307	9.91	ng		99
89) Benzo(a)pyrene	19.87	252	43600	6.05	ng	#	93
91) Benzo(g,h,i)perylene	21.43	276	26133	4.19	ng		94

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

Quantitation Report (Not Reviewed)

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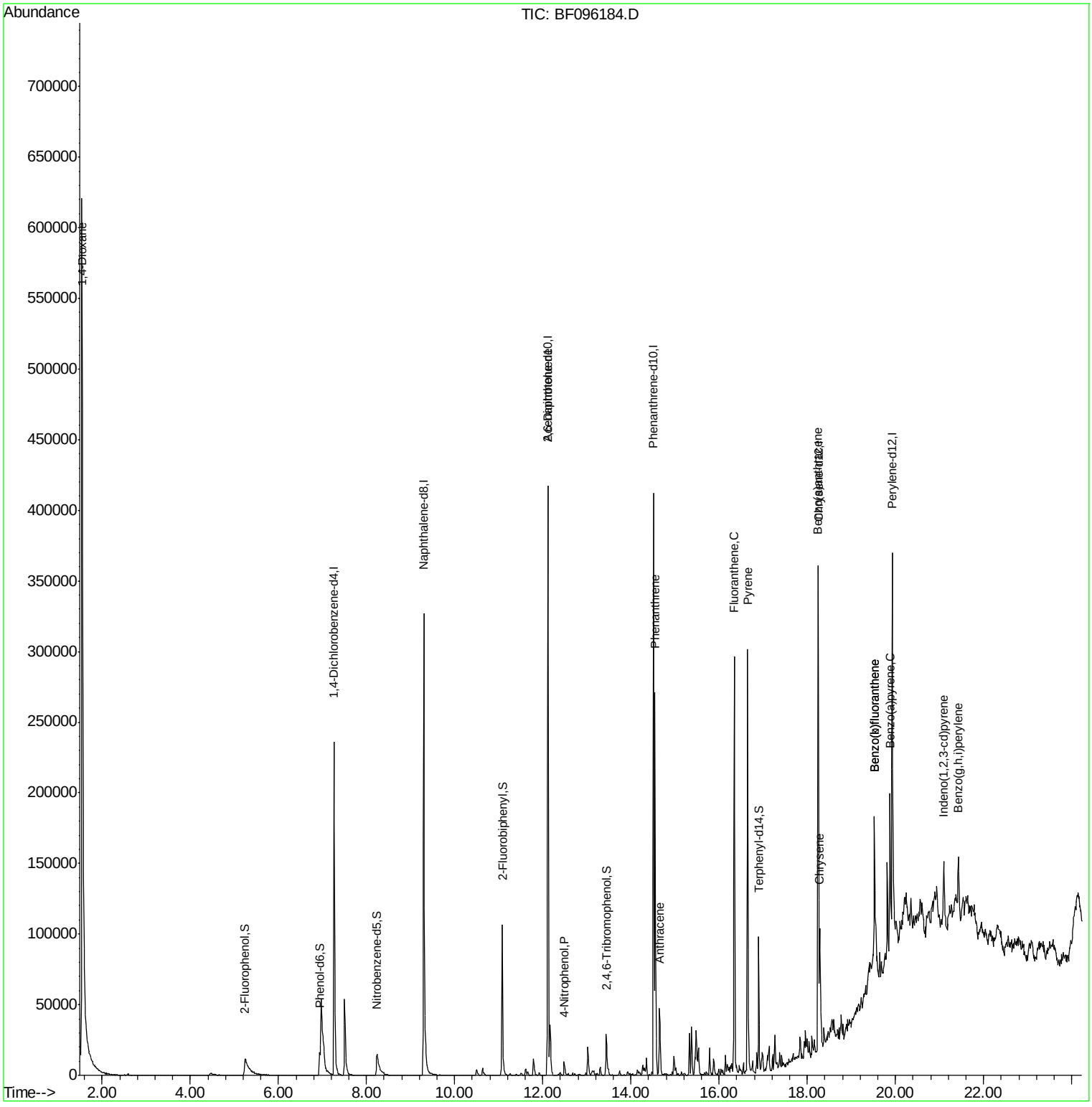
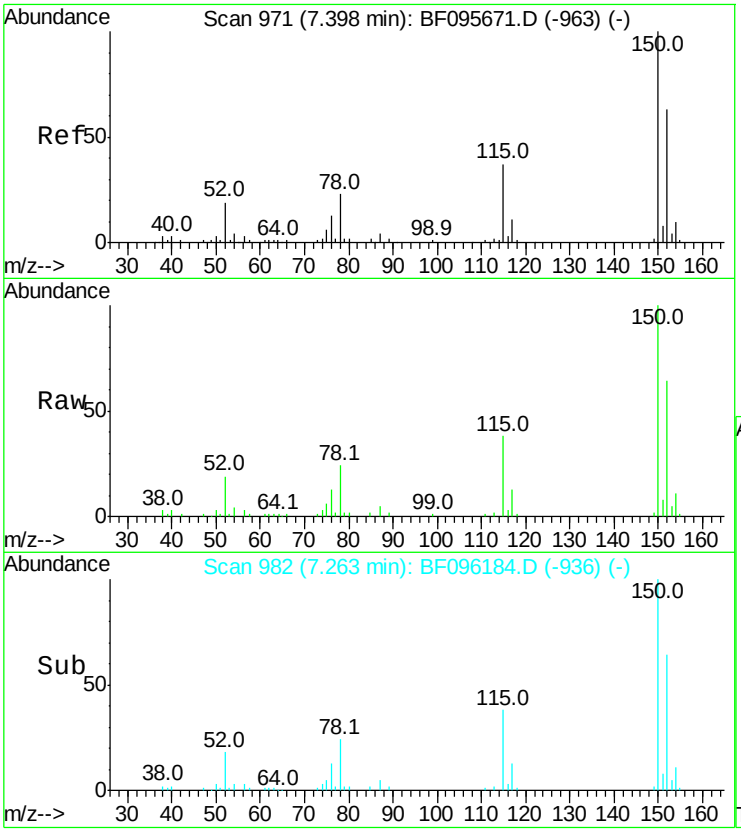
Response via : Initial Calibration



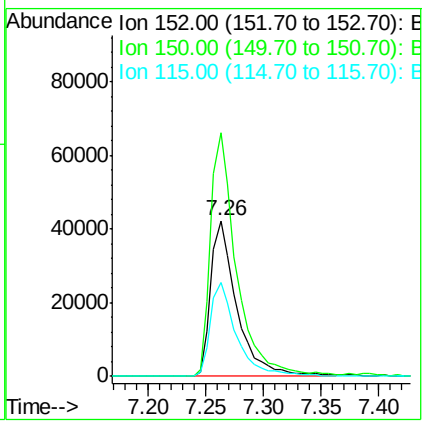


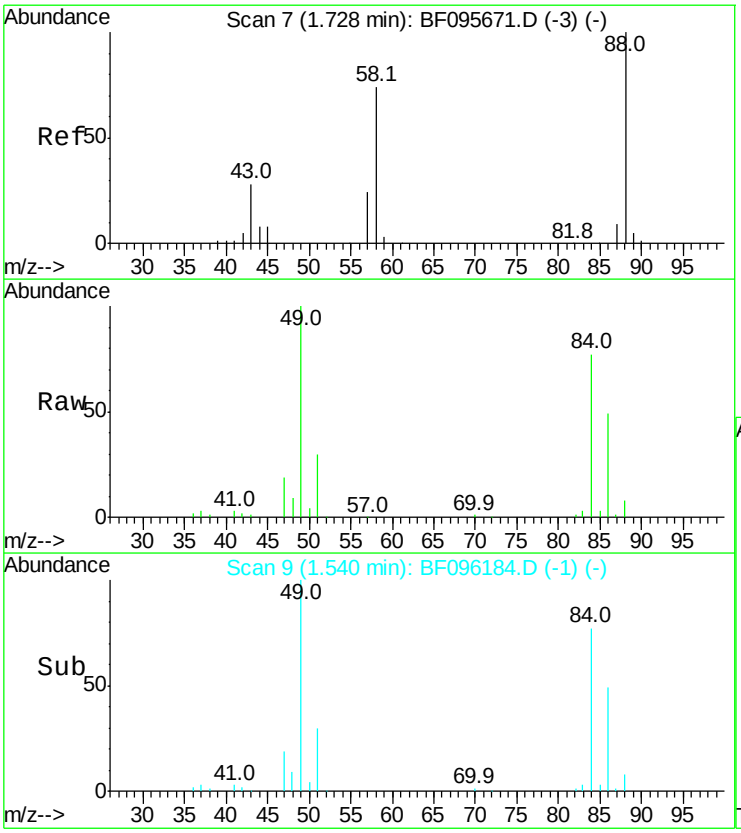
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66605

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	60.1	52.2	78.2

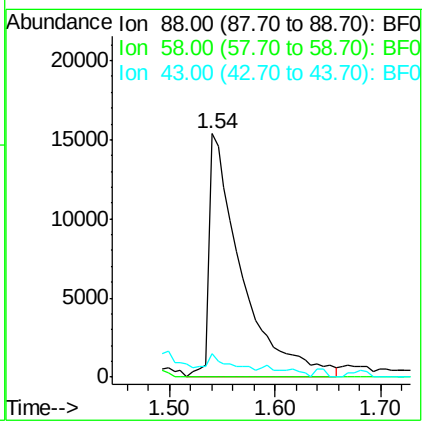


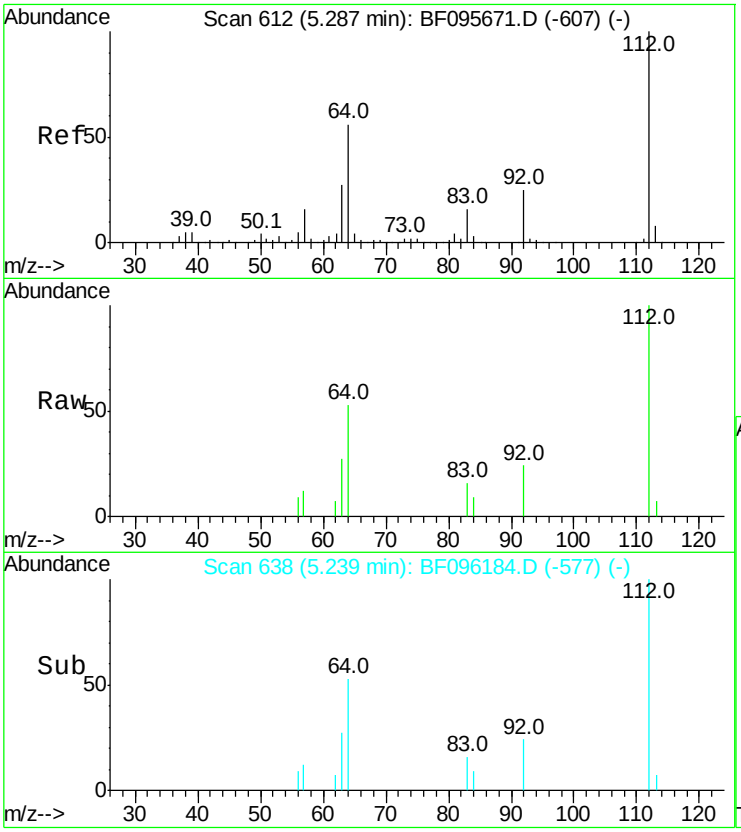


#2
1,4-Dioxane
Concen: 16.70 ng
RT: 1.54 min Scan# 9
Delta R.T. -0.07 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion: 88 Resp: 33200

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	4.0	23.4	35.0#



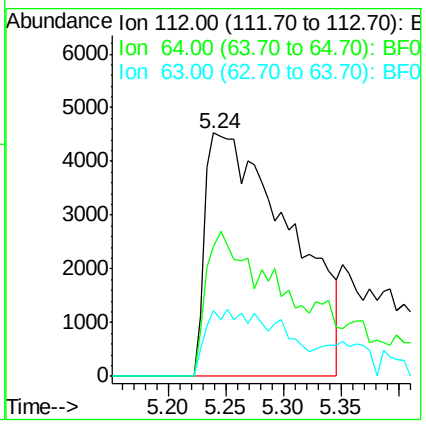


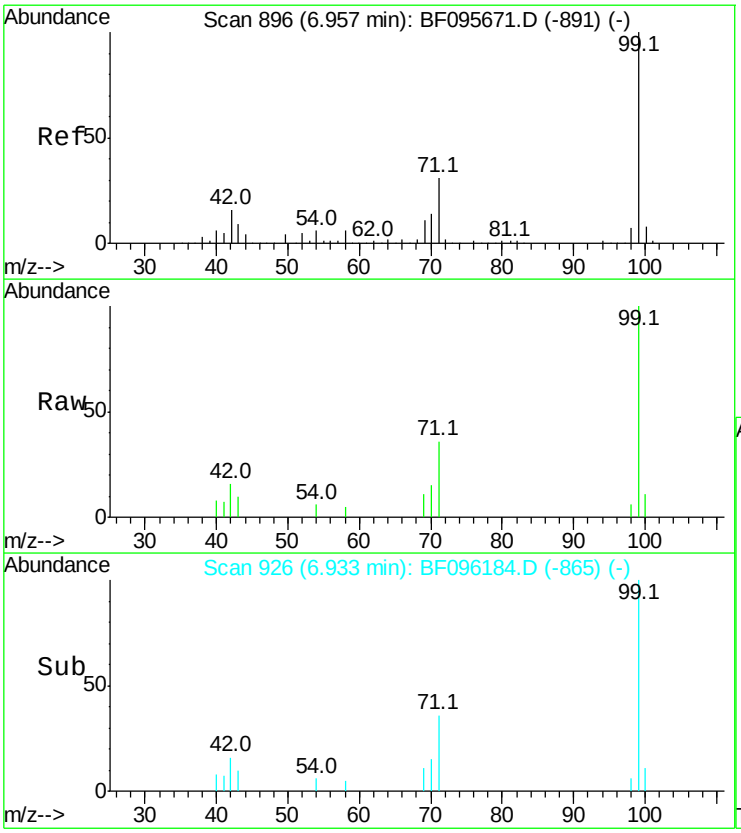
#5
2-Fluorophenol
Concen: 5.52 ng
RT: 5.24 min Scan# 638
Delta R.T. 0.06 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 23082

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.0	69.0
63	26.8	23.4	35.0

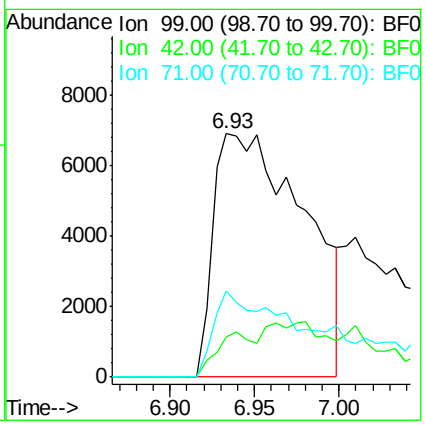


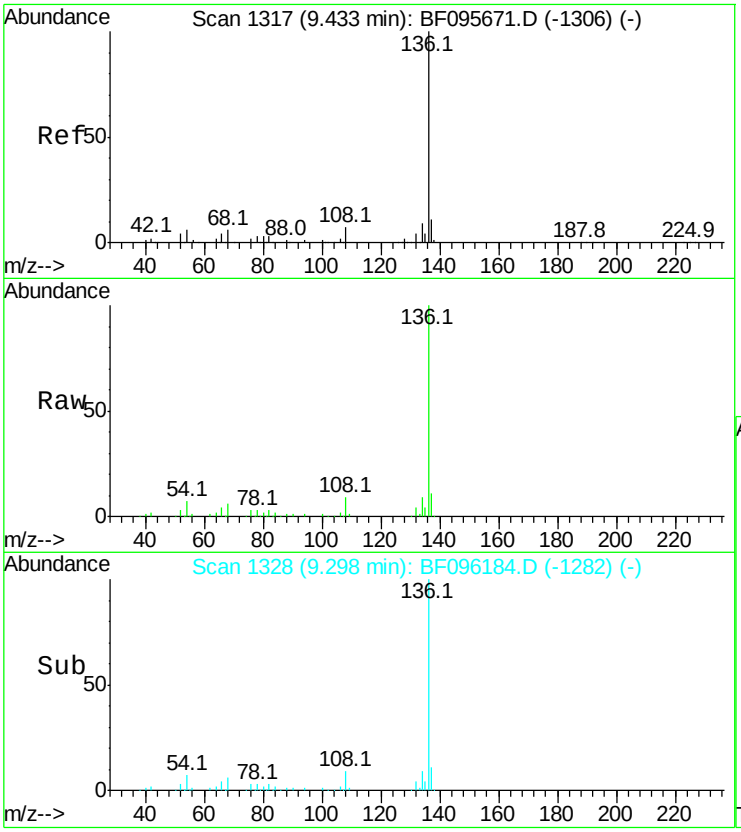


#7
Phenol-d6
Concen: 5.15 ng
RT: 6.93 min Scan# 926
Delta R.T. 0.06 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion: 99 Resp: 25776

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	35.5	24.5	36.7



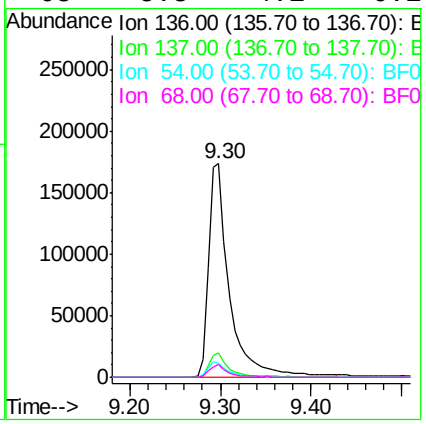


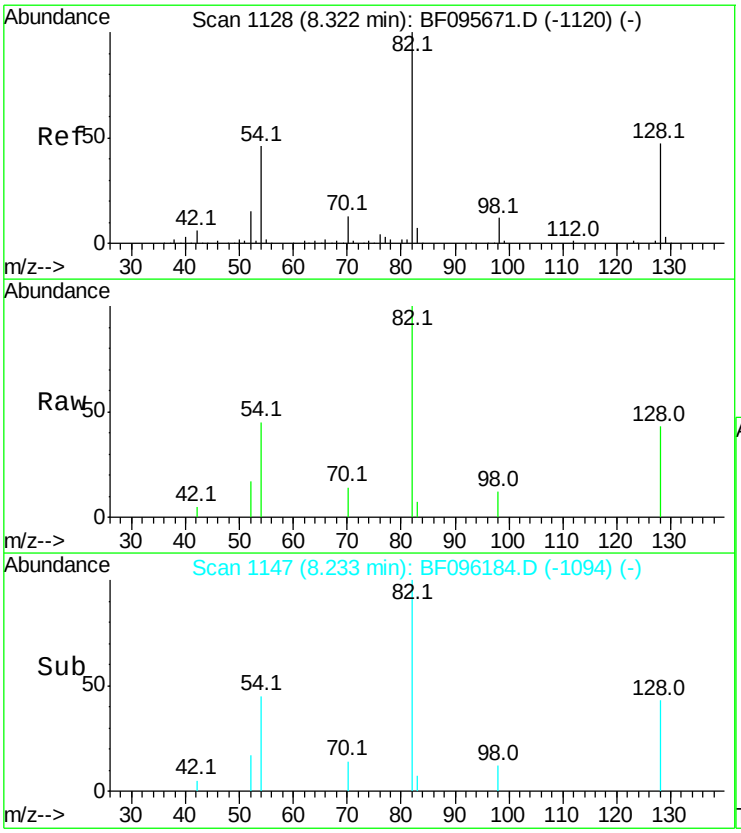
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.30 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 278487

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	6.7	4.9	7.3
68	5.8	4.1	6.1

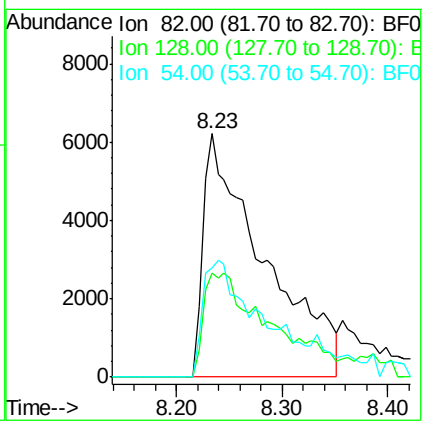


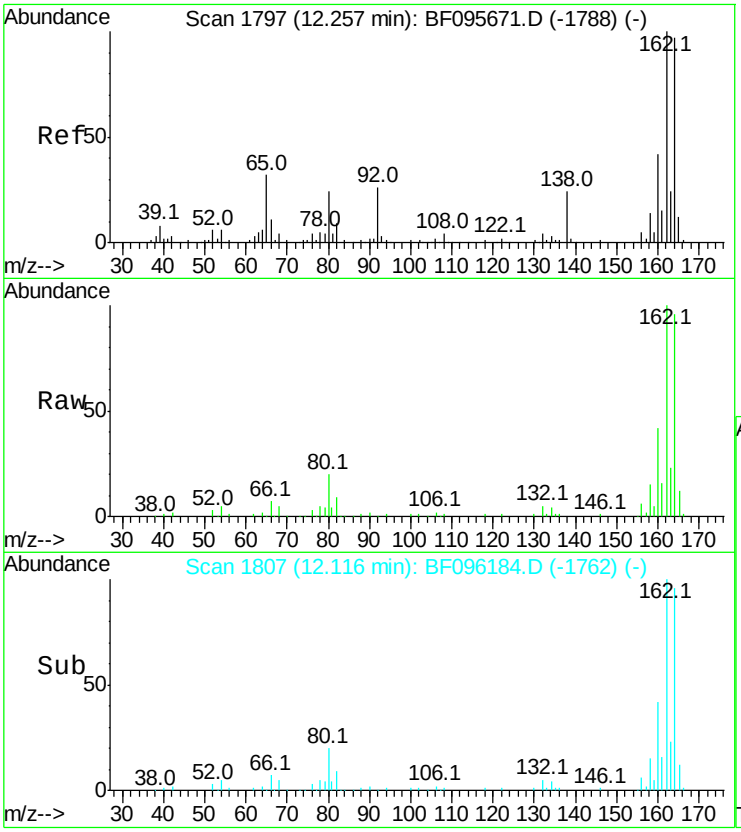


#23
Nitrobenzene-d5
Concen: 5.51 ng
RT: 8.23 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion: 82 Resp: 24725

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	44.7	42.2	63.2



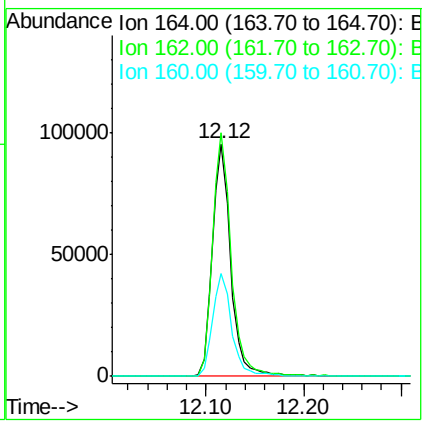


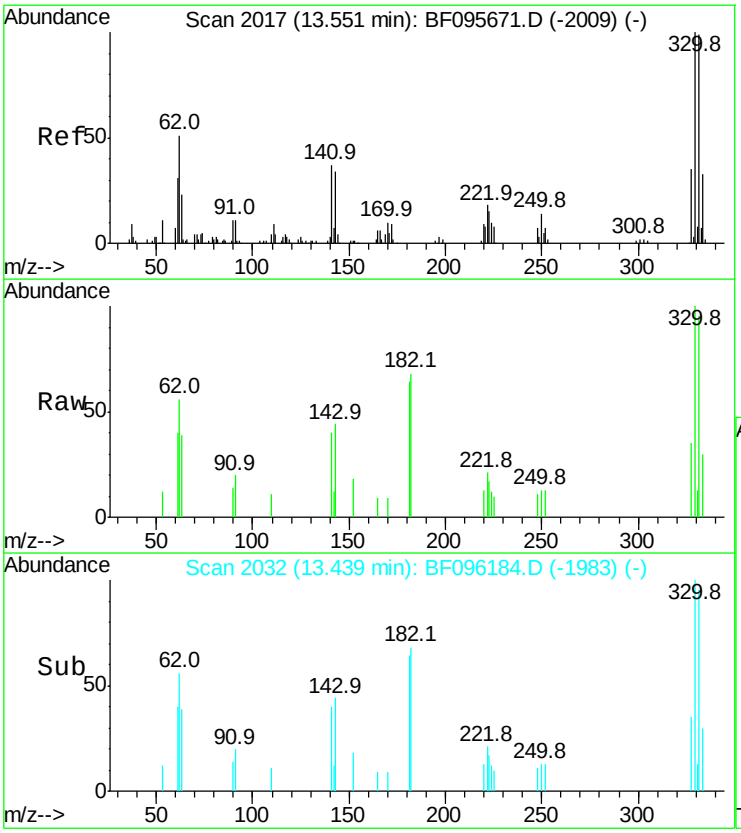
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124273

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	44.2	36.2	54.2

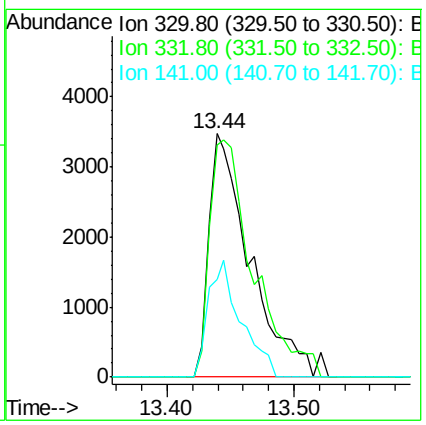


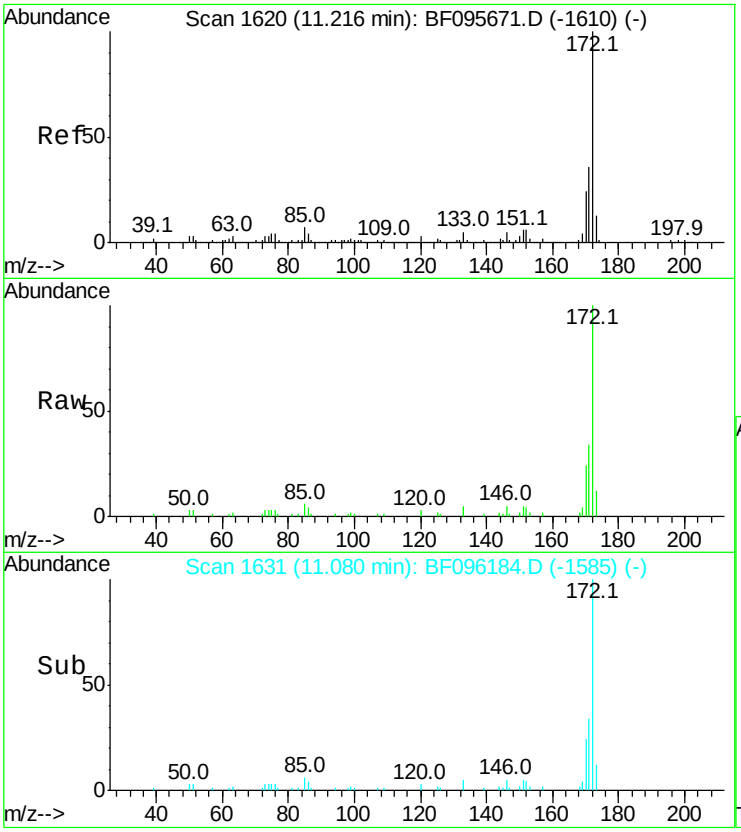


#41
2,4,6-Tribromophenol
Concen: 7.21 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:330 Resp: 7929

Ion	Ratio	Lower	Upper
330	100		
332	102.5	76.6	115.0
141	37.9	31.4	47.2



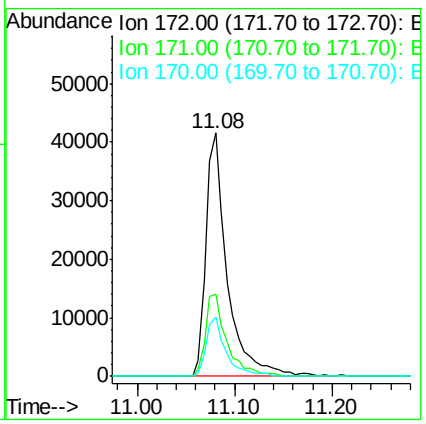


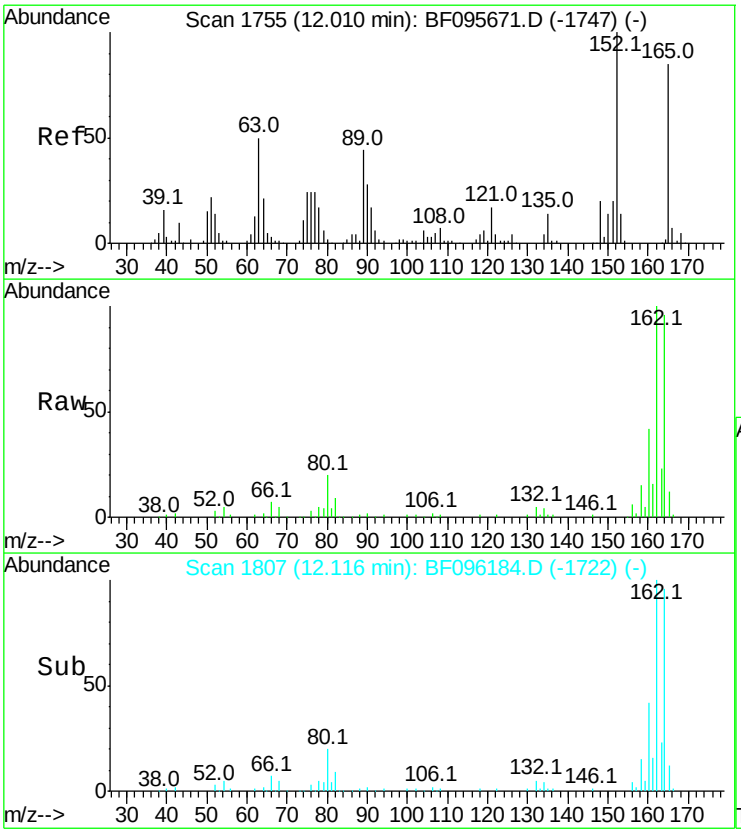
#44
2-Fluorobiphenyl
Concen: 7.05 ng
RT: 11.08 min Scan# 1631
Delta R.T. -0.03 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 62967

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	24.2	19.8	29.8

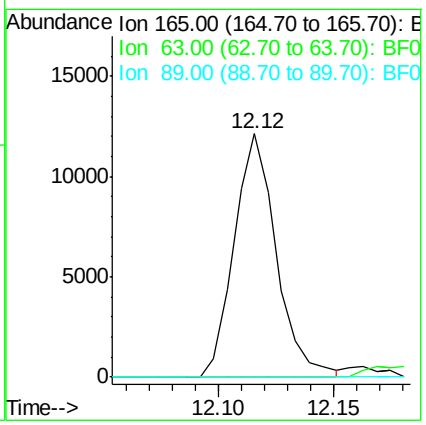


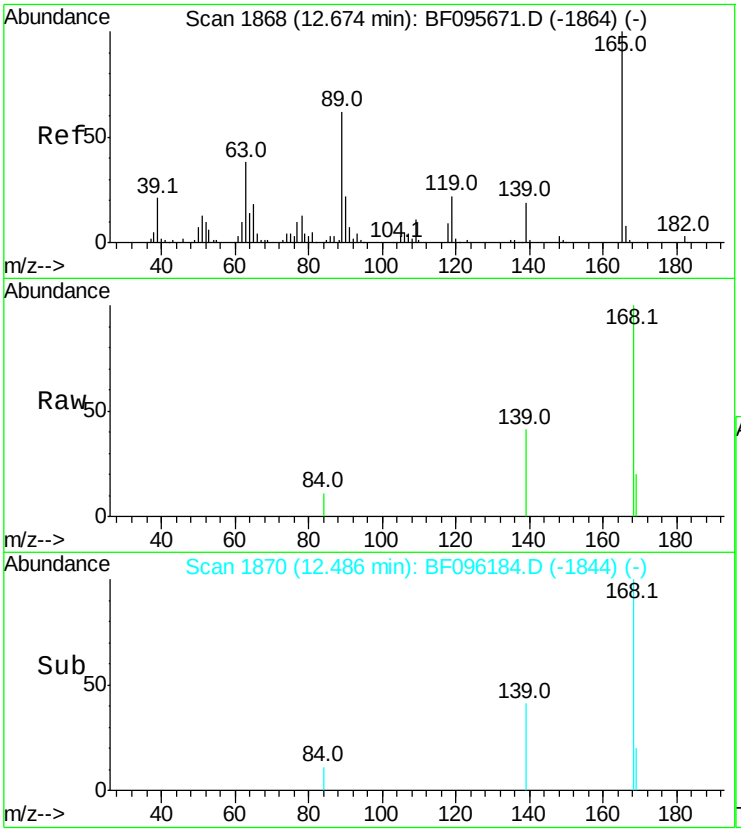


#50
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 12.12 min Scan# 1807
Delta R.T. 0.20 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:165 Resp: 15452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



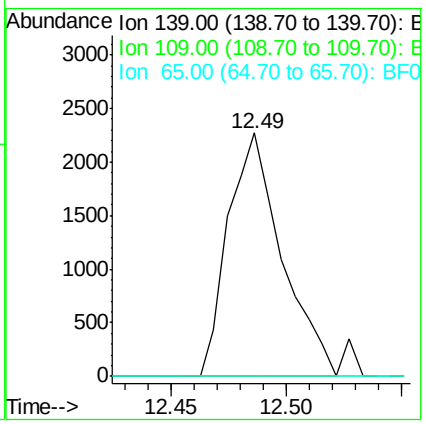


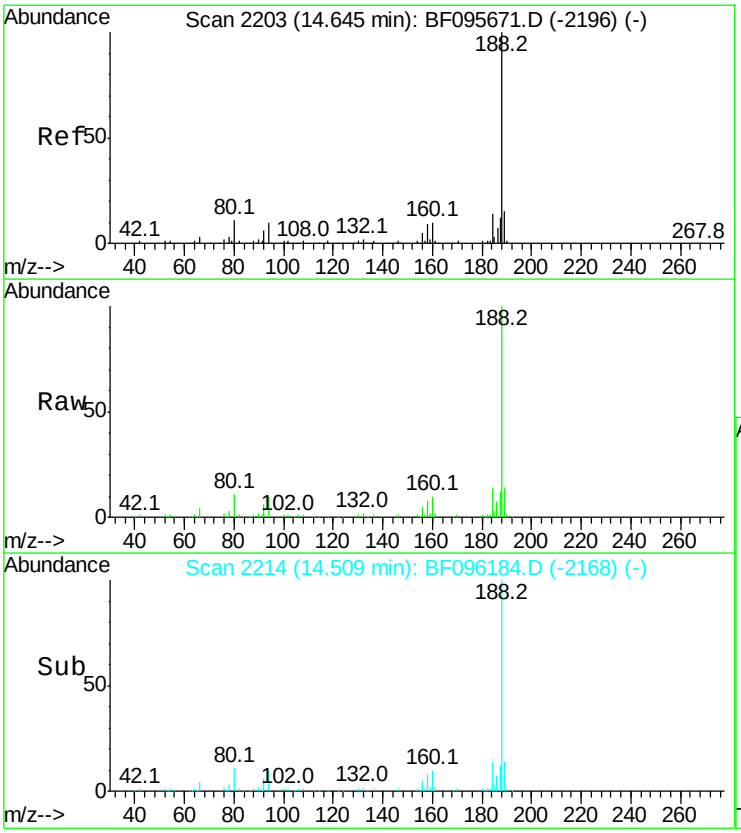
#55
4-Nitrophenol
Concen: 7.10 ng
RT: 12.49 min Scan# 1870
Delta R.T. -0.15 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3680

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

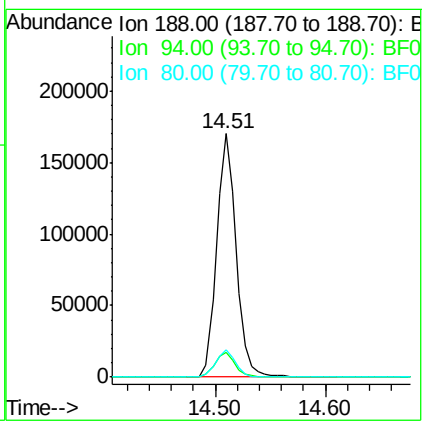


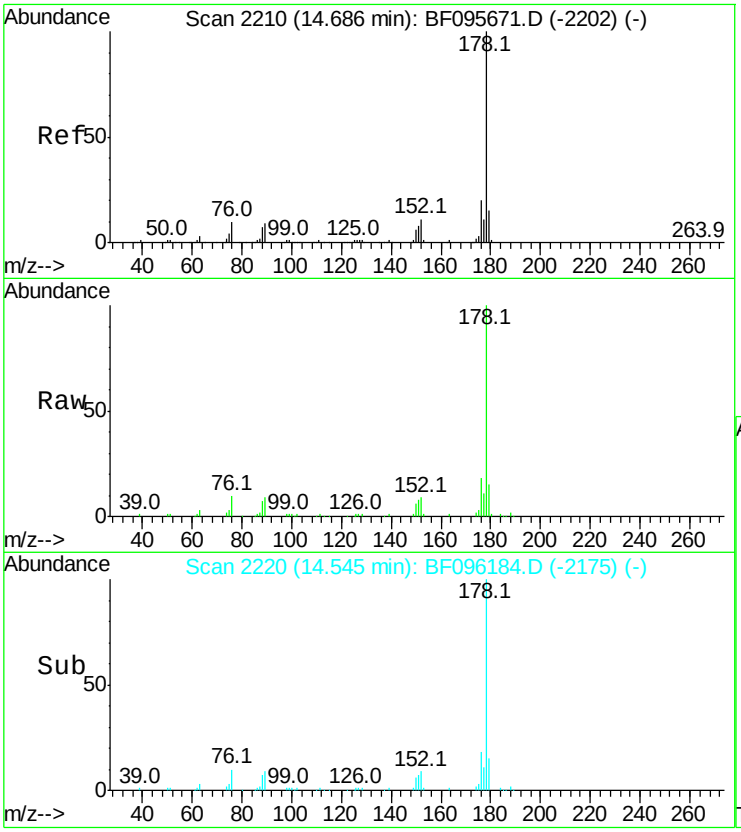


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:188 Resp: 209300

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.2	10.2	15.2



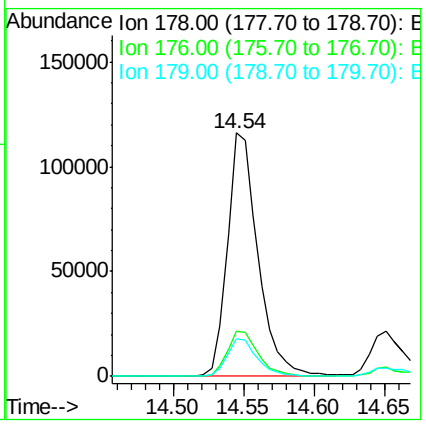


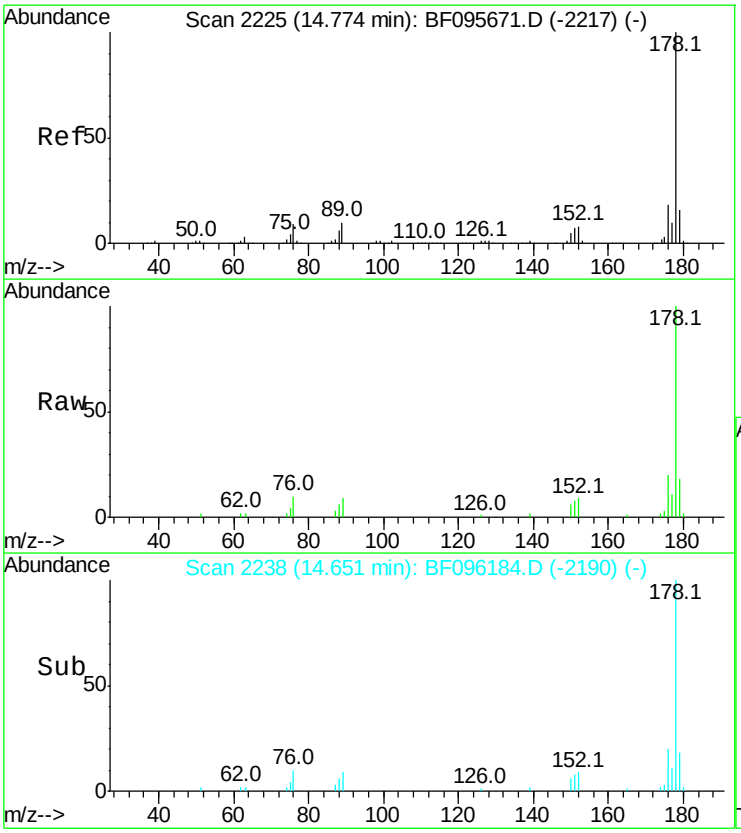
#70
Phenanthrene
Concen: 14.49 ng
RT: 14.54 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 175031

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	15.5	12.6	19.0

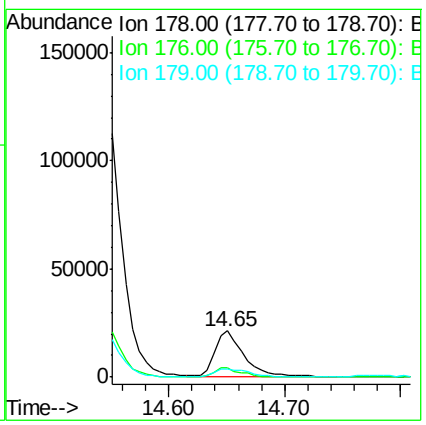


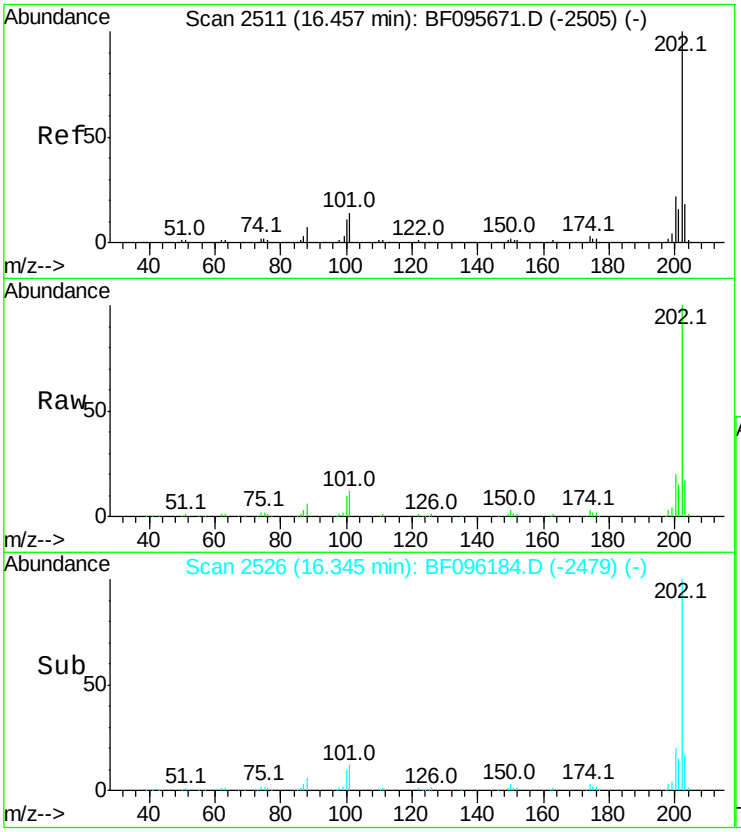


#71
Anthracene
Concen: 3.06 ng
RT: 14.65 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:178 Resp: 38588

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	18.3	12.7	19.1



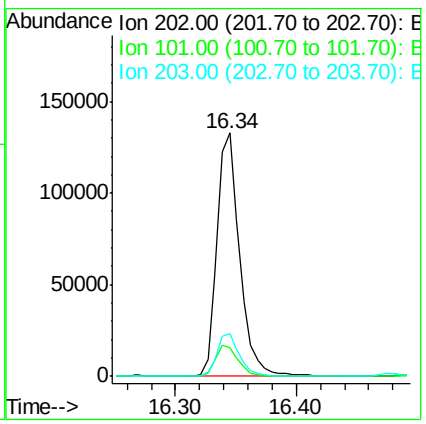


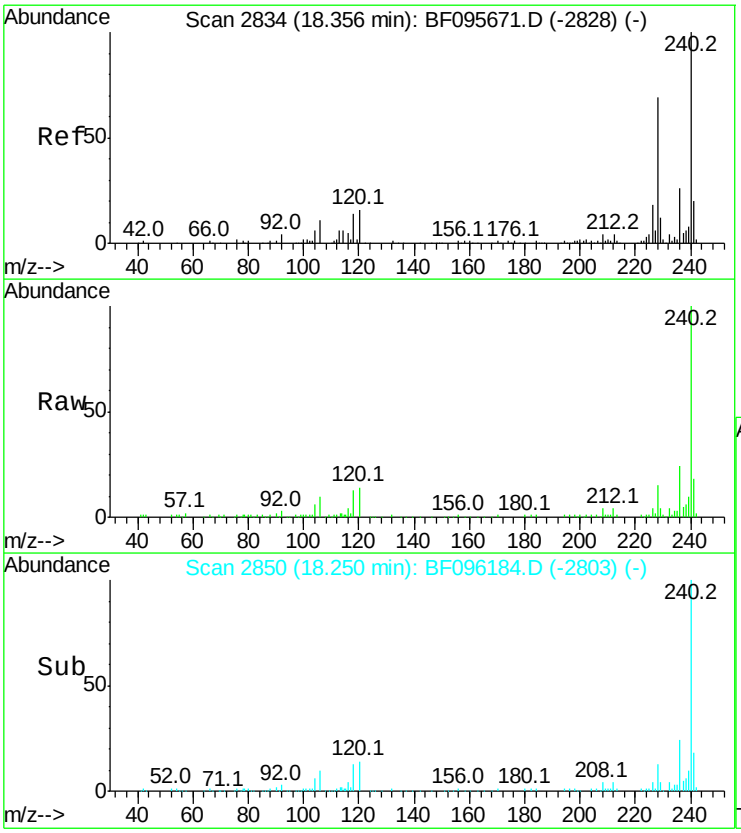
#74
Fluoranthene
Concen: 14.38 ng
RT: 16.34 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 171932

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.4	0.0	38.1

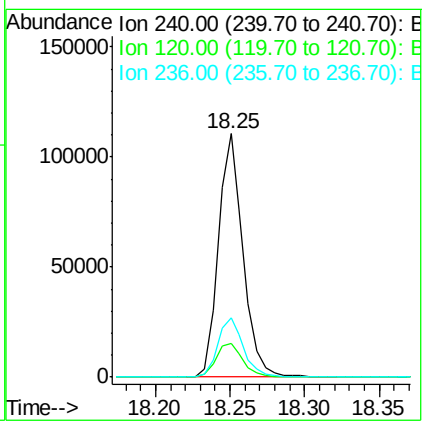


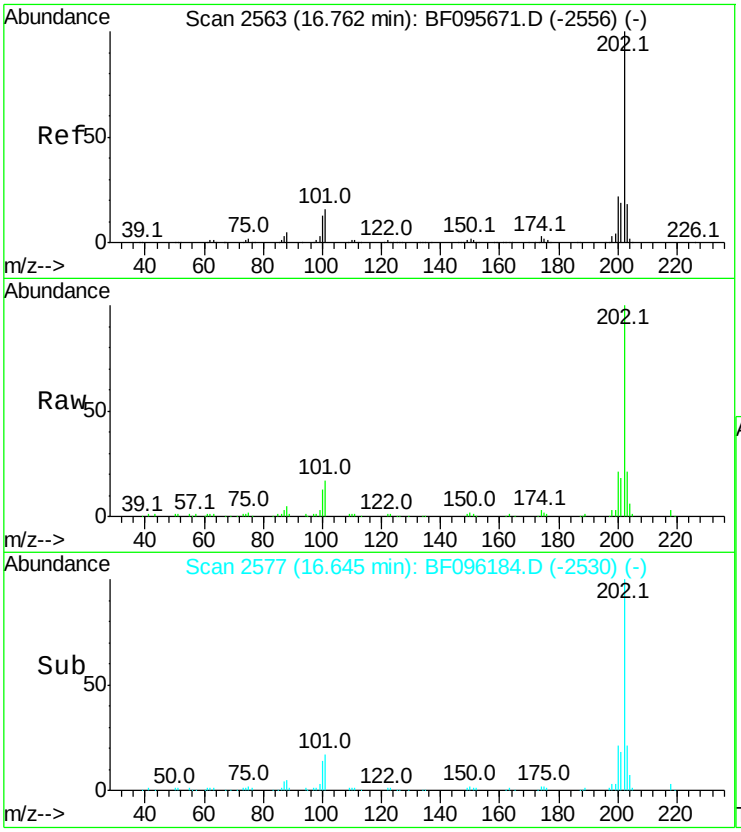


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.25 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:240 Resp: 127797

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	24.2	20.5	30.7



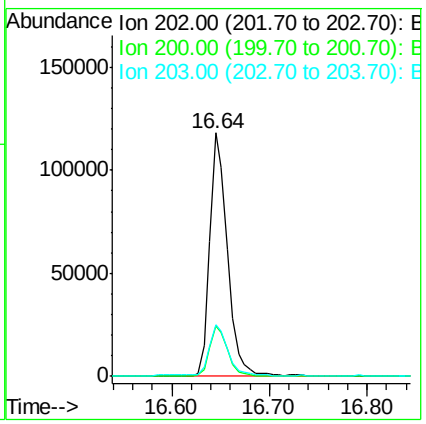


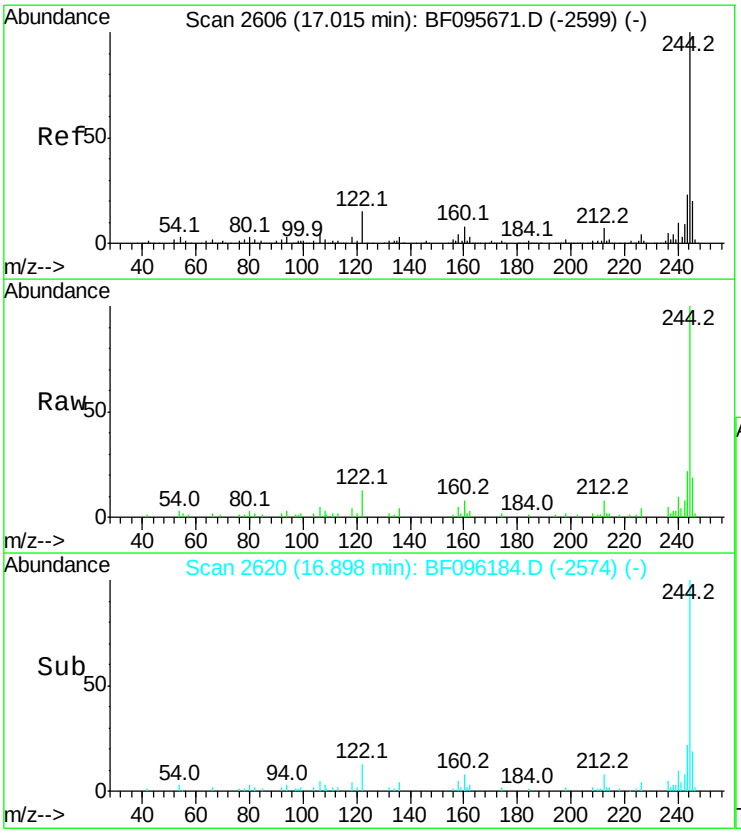
#77
Pyrene
Concen: 15.60 ng
RT: 16.64 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 148772

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	21.0	14.4	21.6

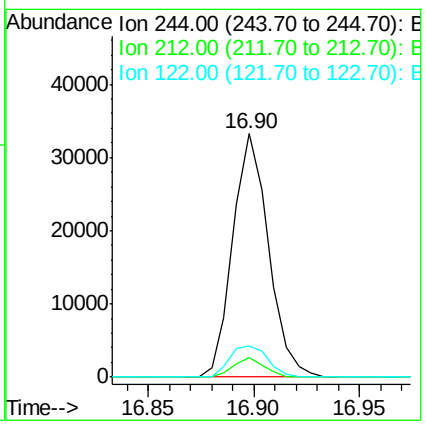


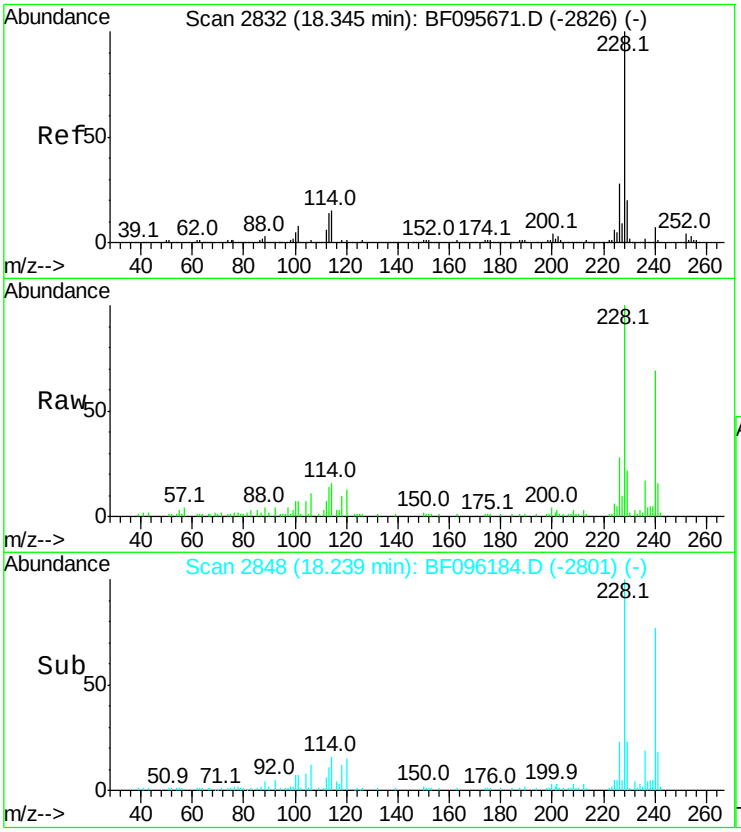


#78
Terphenyl-d14
Concen: 7.55 ng
RT: 16.90 min Scan# 2620
Delta R.T. -0.03 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:244 Resp: 38857

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	13.0	10.3	15.5



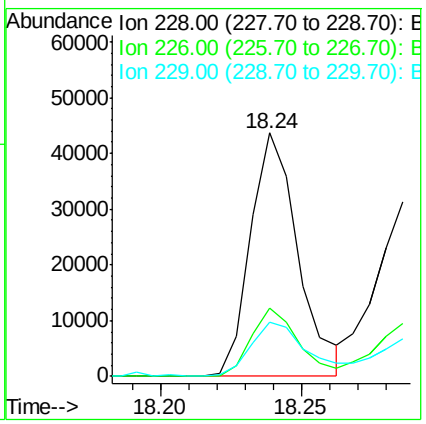


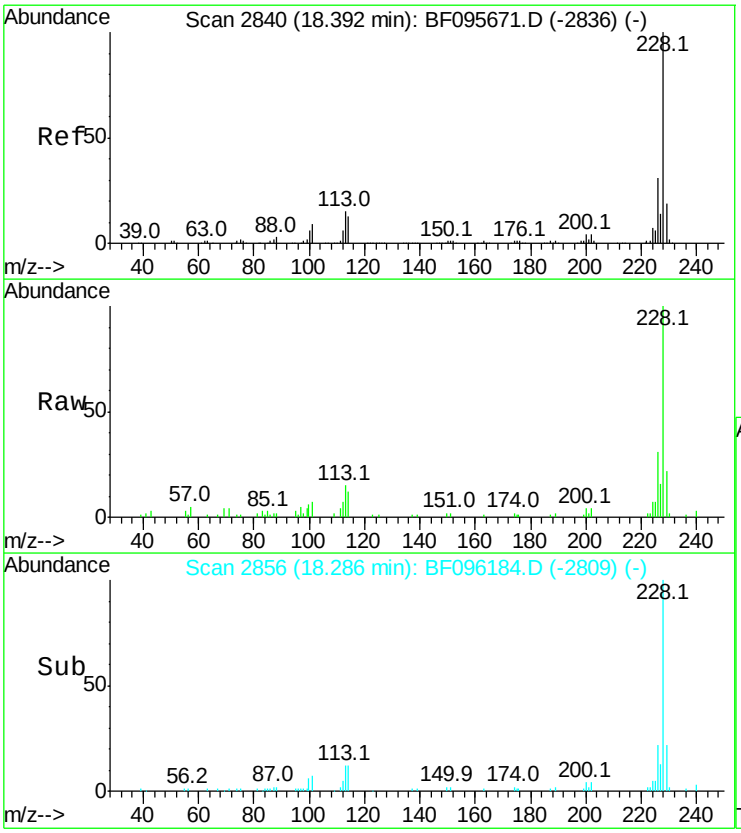
#80
Benzo(a)anthracene
Concen: 6.89 ng
RT: 18.24 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 51229

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	22.4	16.3	24.5

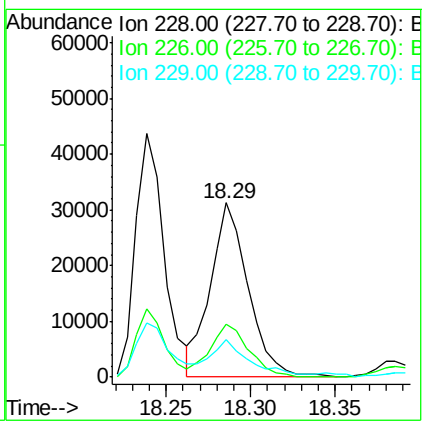


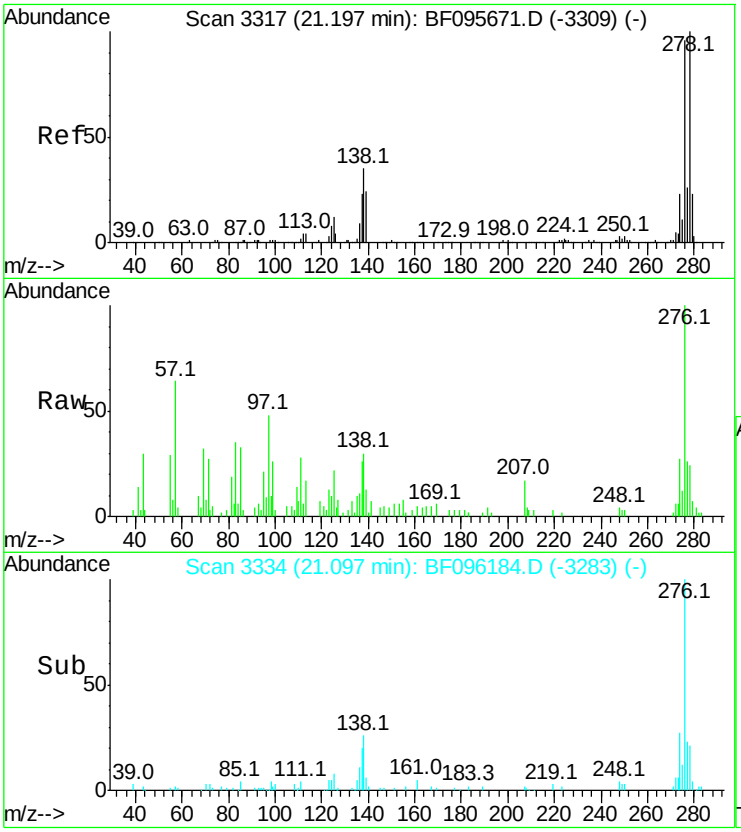


#82
Chrysene
Concen: 6.59 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:228 Resp: 48931

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	21.7	15.8	23.6



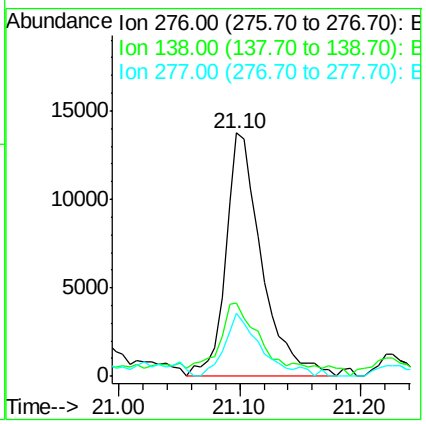


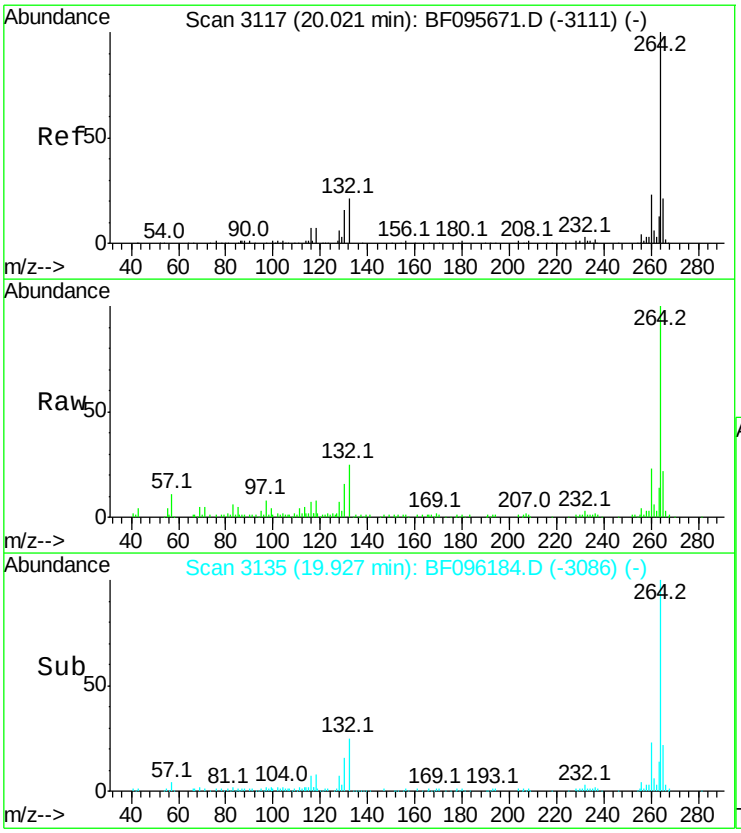
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.49 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28506

Ion	Ratio	Lower	Upper
276	100		
138	38.9	27.8	41.6
277	26.0	20.2	30.4

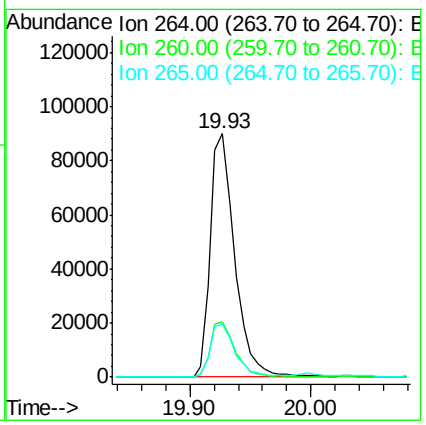


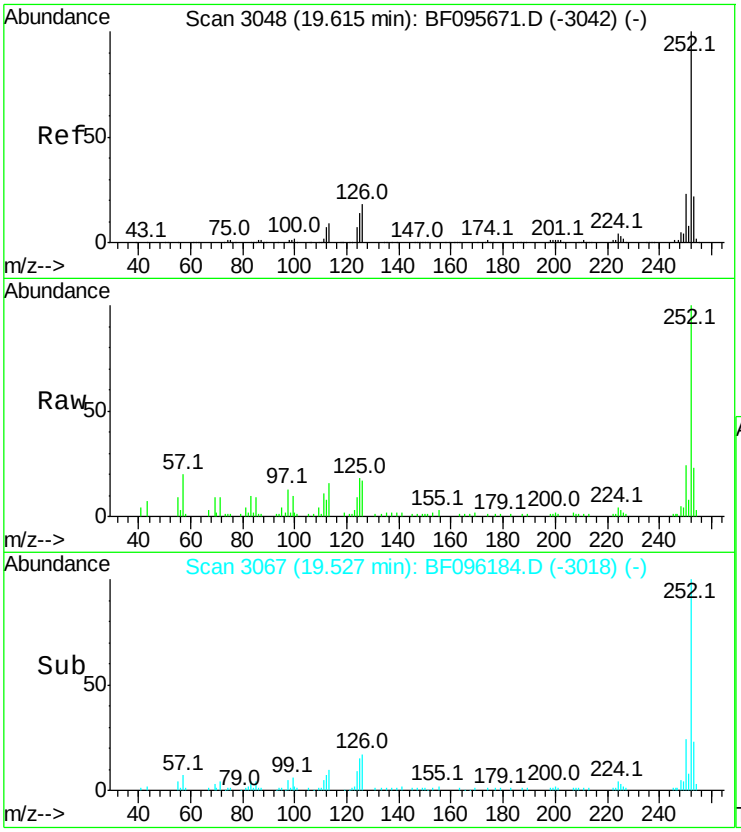


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:264 Resp: 125301

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.0	17.2	25.8



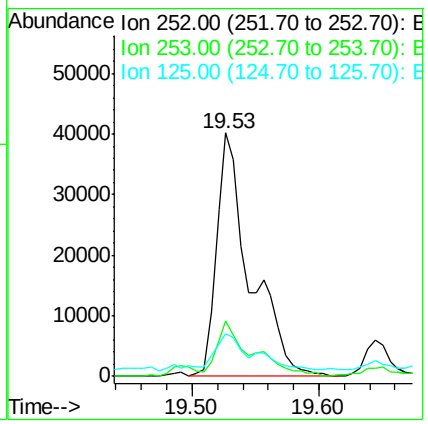


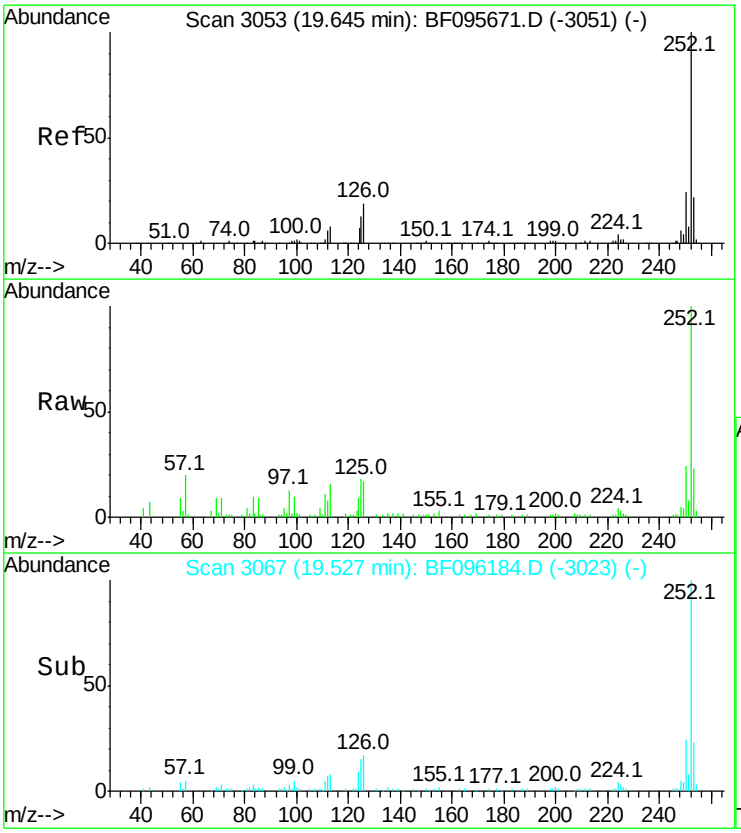
#87
Benzo(b)fluoranthene
Concen: 9.47 ng
RT: 19.53 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 74307

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	17.7	9.8	14.8#

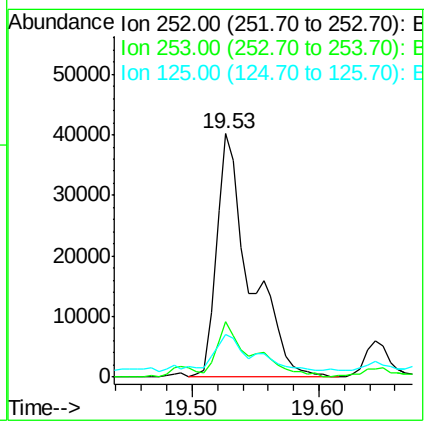


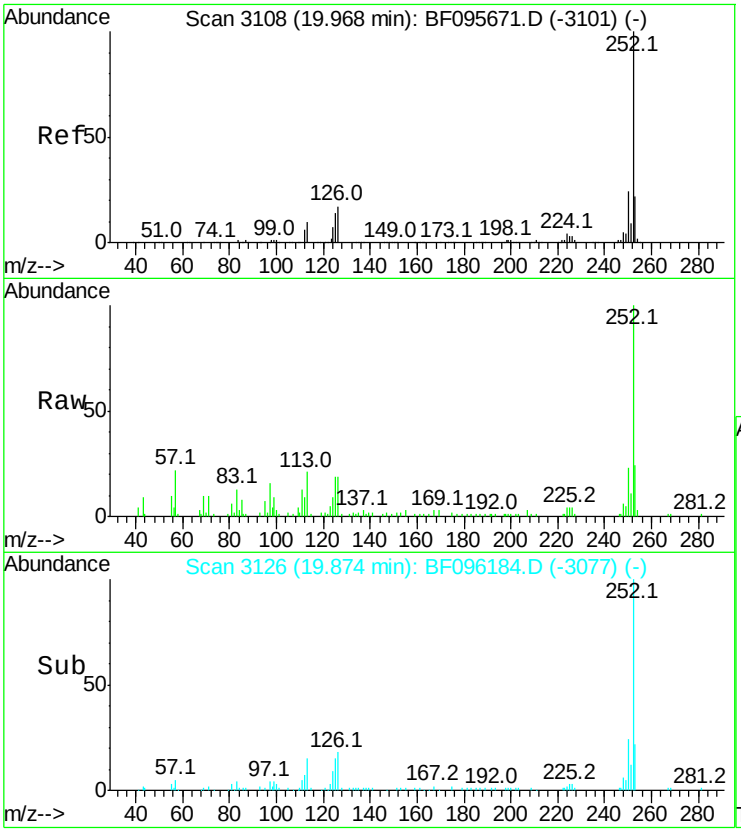


#88
Benzo(k)fluoranthene
Concen: 9.91 ng
RT: 19.53 min Scan# 3067
Delta R.T. -0.04 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:252 Resp: 74307

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	17.7	13.1	19.7



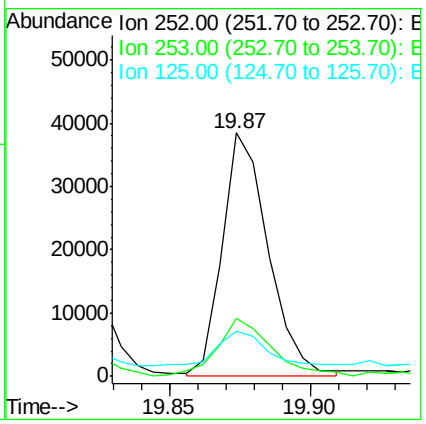


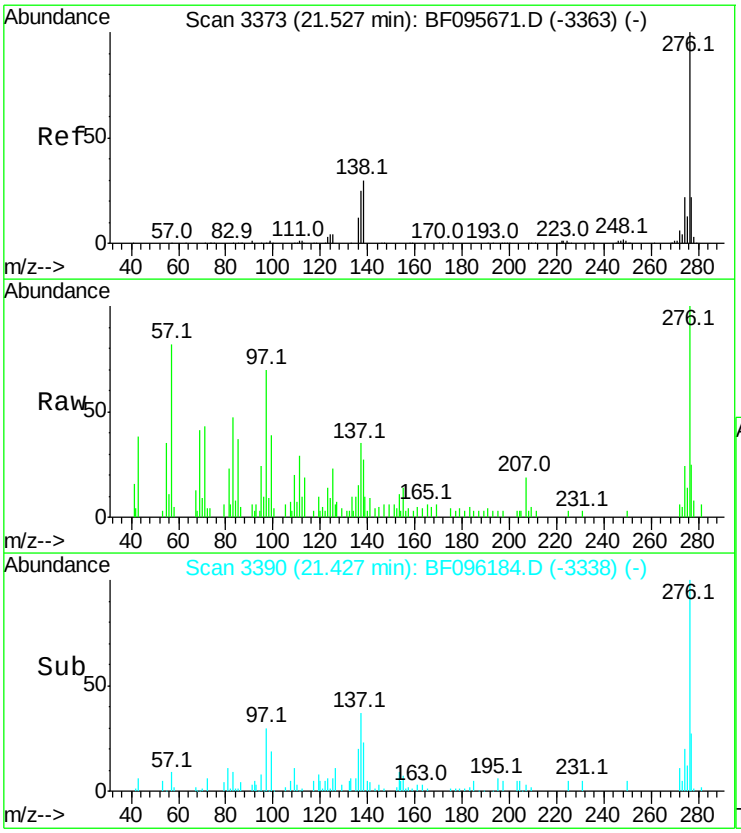
#89
Benzo(a)pyrene
Concen: 6.05 ng
RT: 19.87 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43600

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	18.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.19 ng
RT: 21.43 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BF096184.D
Acq: 24 Jun 2017 11:49

Tgt Ion:276 Resp: 26133

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	27.2	25.4	38.0