Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096502.D
Acq On : 6 Jul 2017 00:35
Operator : SJ/MA
Sample : I3976-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-2-4

Quant Time: Jul 06 04:20:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	121420	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	472338	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	185962	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	255668	20.00	ng		0.00
75) Chrysene-d12	13.86	240	237421	20.00	ng		0.00
86) Perylene-d12	15.27	264	167651	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	425437	51.72	ng		0.00
7) Phenol-d6	6.35	99	808750	79.97	ng		0.00
23) Nitrobenzene-d5	7.27	82	494248	62.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	35253	24.27	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	791539	72.78	ng		0.00
78) Terphenyl-d14	12.81	244	501868	45.17	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.46	163	84224	6.07	ng		99
70) Phenanthrene	11.25	178	232218	16.80	ng		96
71) Anthracene	11.30	178	48564	3.45	ng		98
74) Fluoranthene	12.43	202	336188	24.81	ng		98
77) Pyrene	12.66	202	309573	16.24	ng		99
80) Benzo(a)anthracene	13.85	228	142770	10.38	ng		100
82) Chrysene	13.89	228	136118	9.45	ng		96
85) Indeno(1,2,3-cd)pyrene	16.63	276	40011	3.52	ng		99
87) Benzo(b)fluoranthene	14.87	252	124002m	11.80	ng		
88) Benzo(k)fluoranthene	14.89	252	41182m	4.38	ng		
89) Benzo(a)pyrene	15.21	252	82024	8.75	ng	#	91
91) Benzo(g,h,i)perylene	17.04	276	39376	5.15	ng		93

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

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
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Quant Time: Jul 06 04:20:41 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
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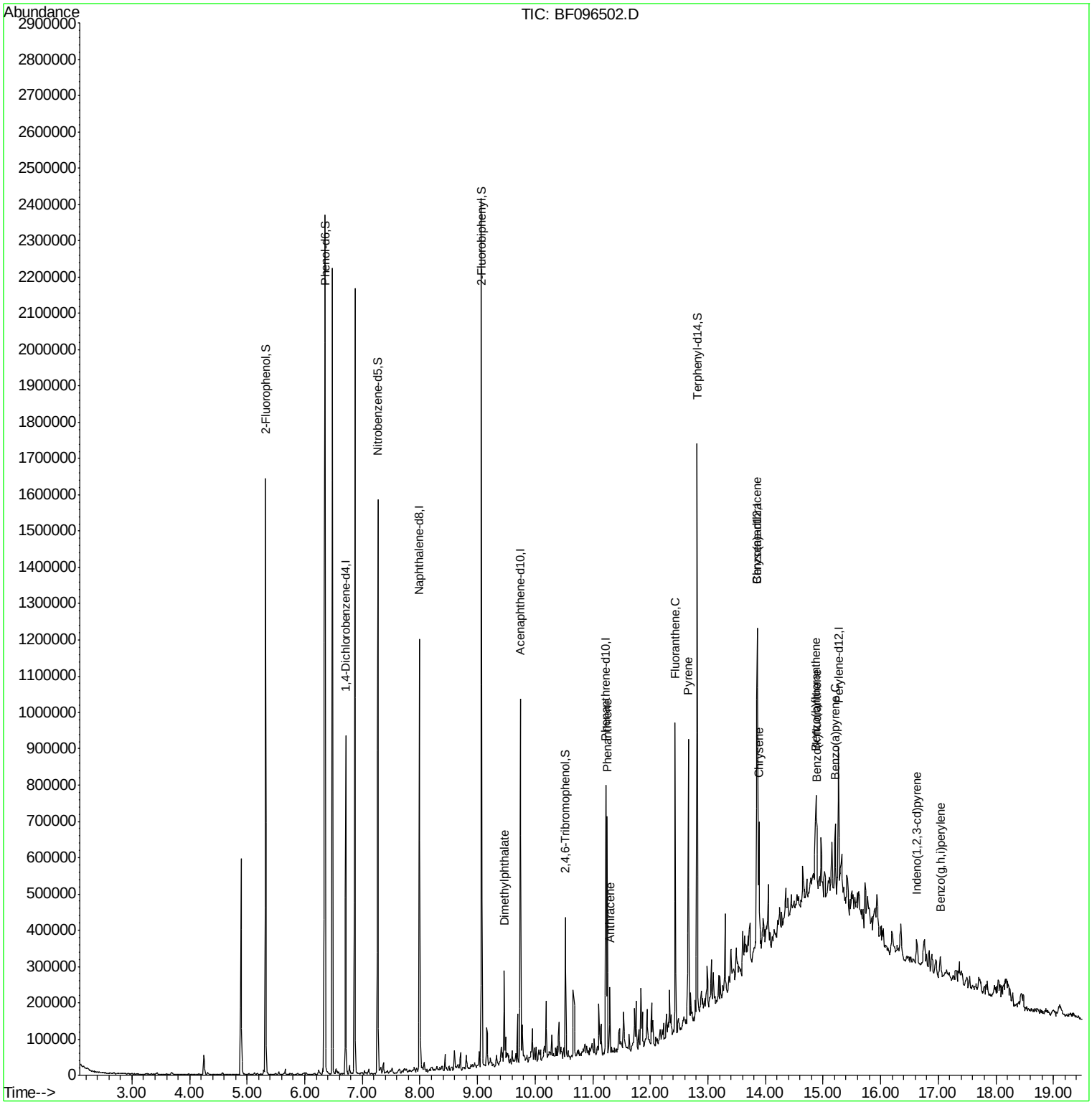
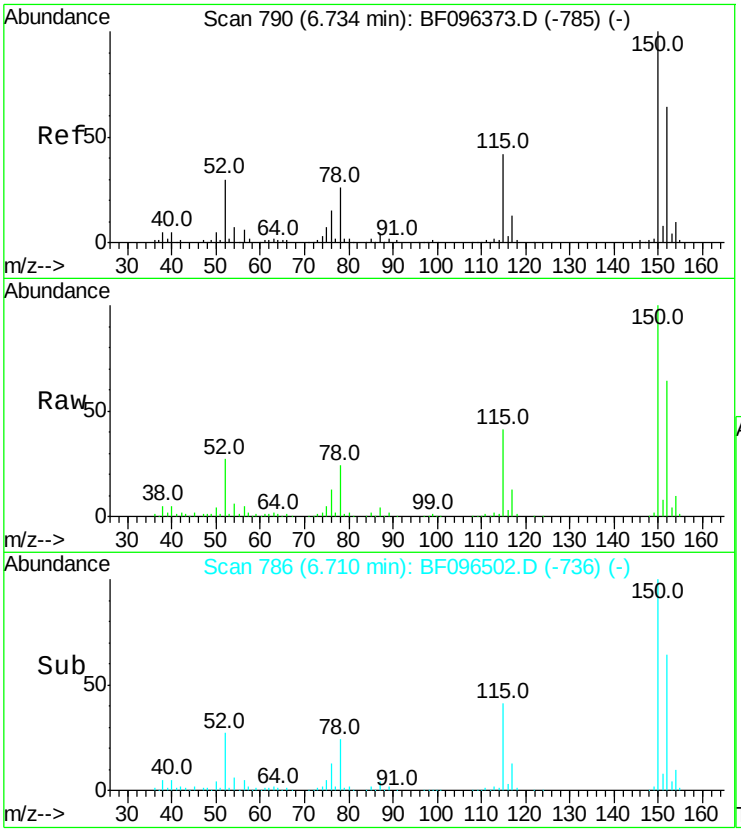


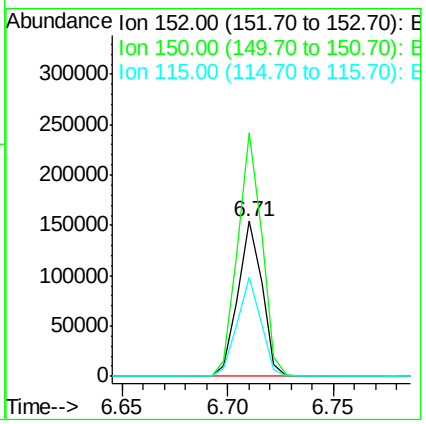


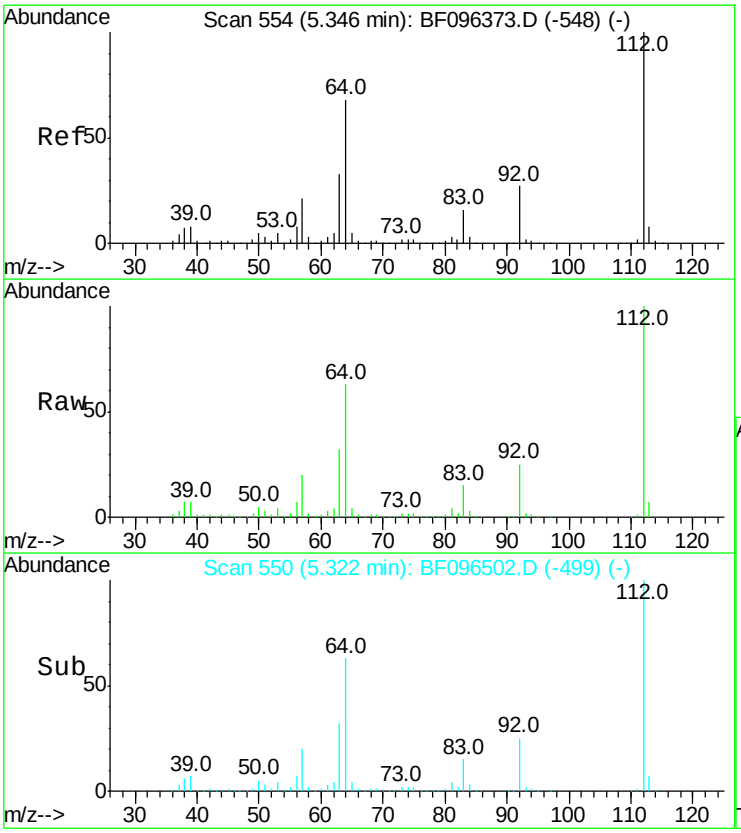
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:152 Resp: 121420

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	63.8	52.2	78.2

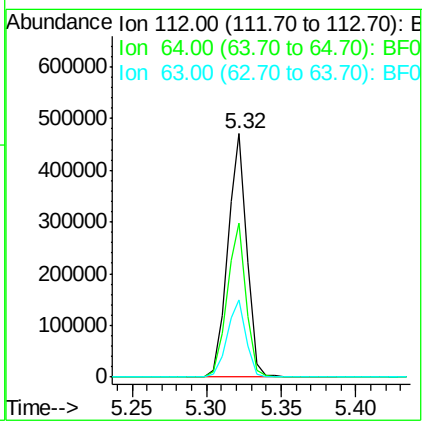


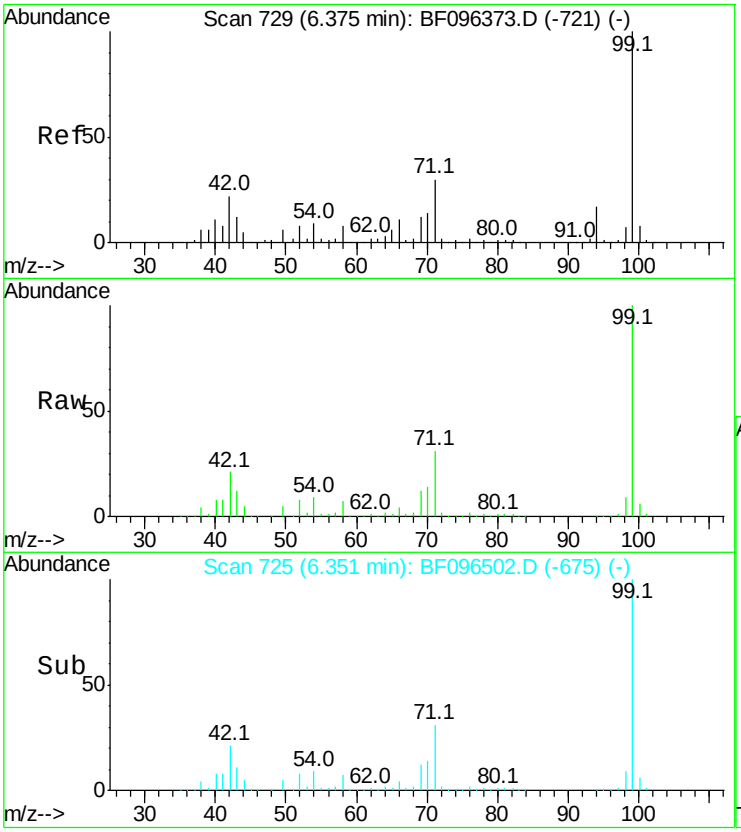


#5
2-Fluorophenol
Concen: 51.72 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:112 Resp: 425437

Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	31.6	23.4	35.0



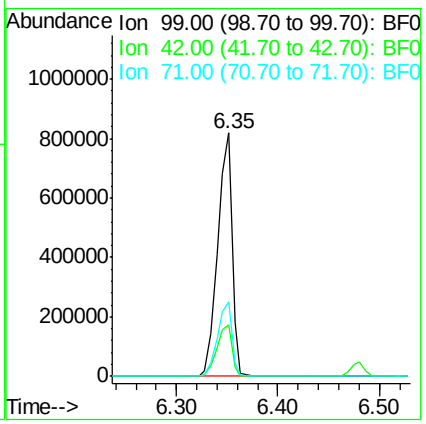


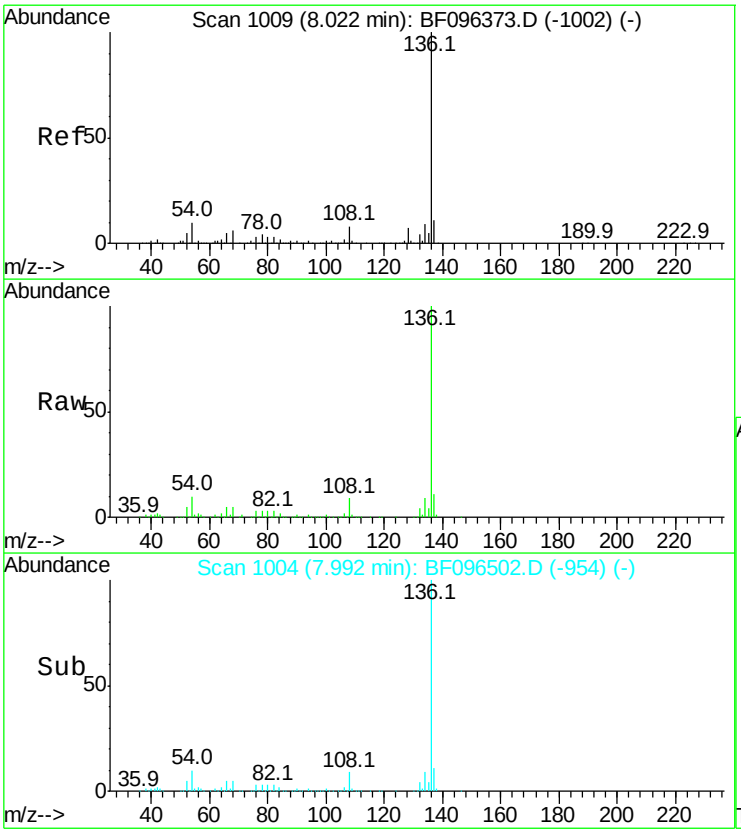
#7
Phenol-d6
Concen: 79.97 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion: 99 Resp: 808750

Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	30.9	24.5	36.7

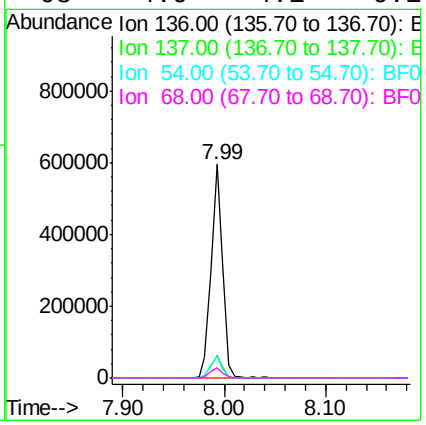


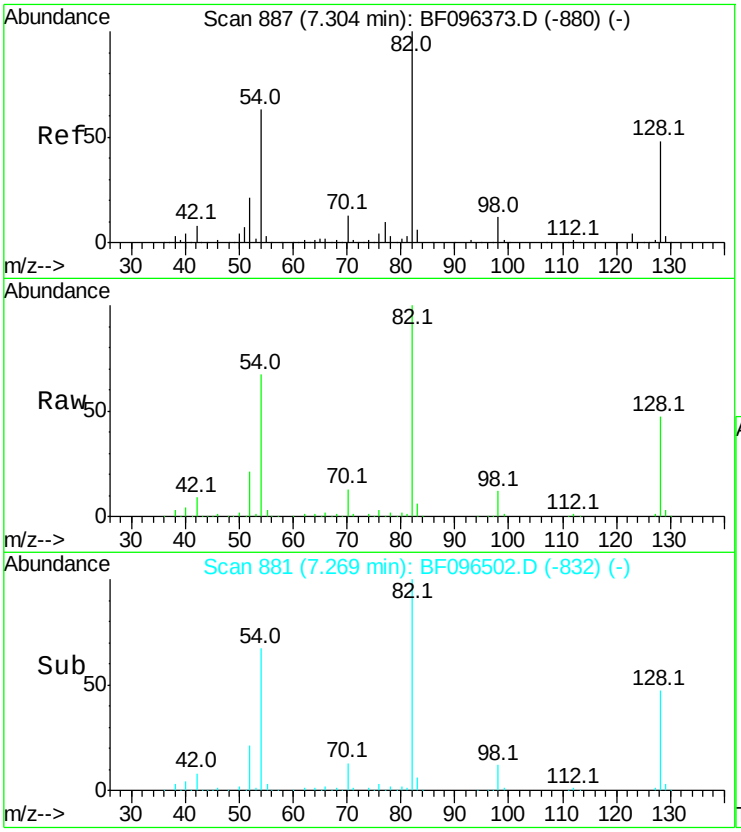


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:136 Resp: 472338

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.3	4.9	7.3#
68	4.9	4.1	6.1



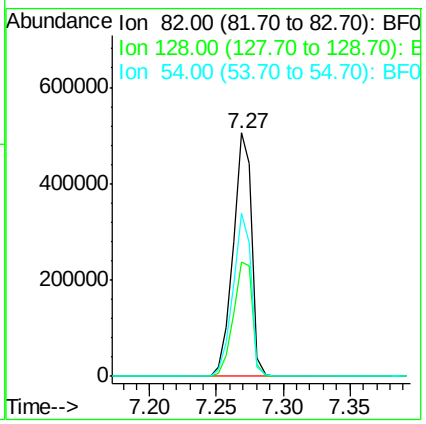


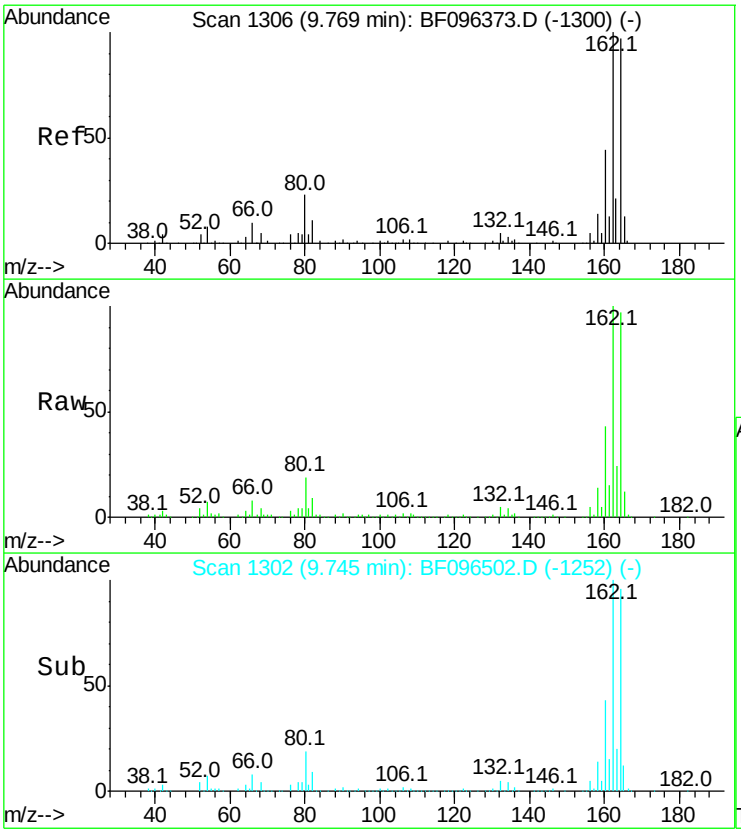
#23
Nitrobenzene-d5
Concen: 62.88 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion: 82 Resp: 494248

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	66.7	42.2	63.2#

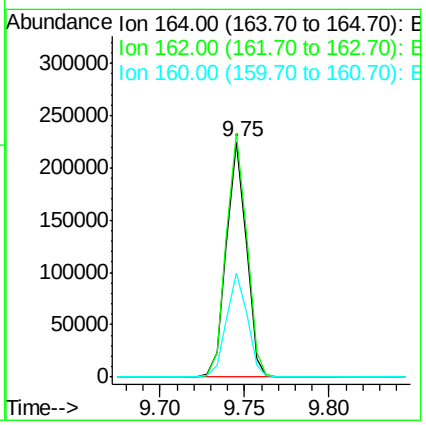


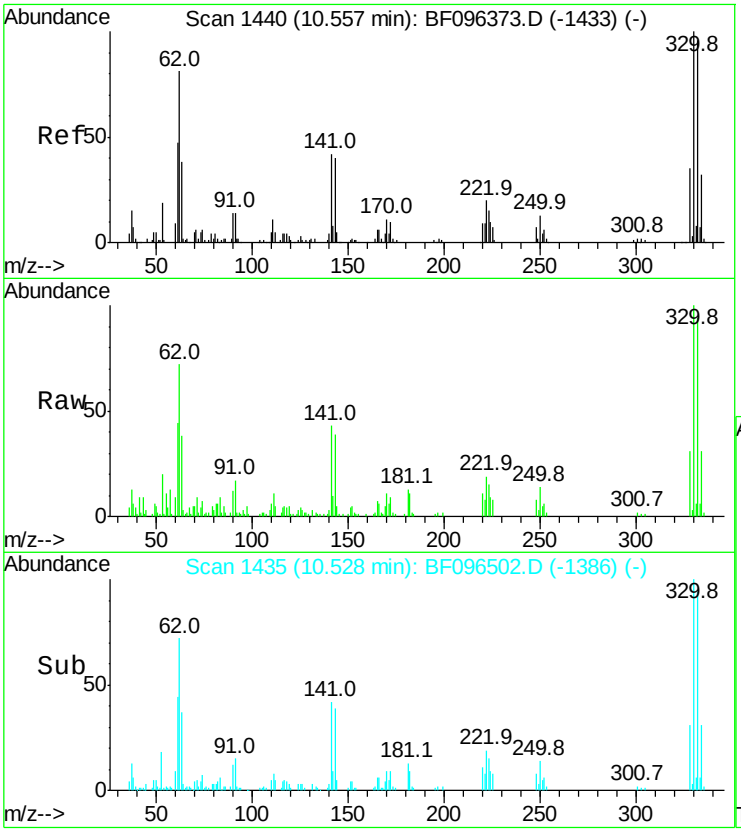


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:164 Resp: 185962

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.5	36.2	54.2



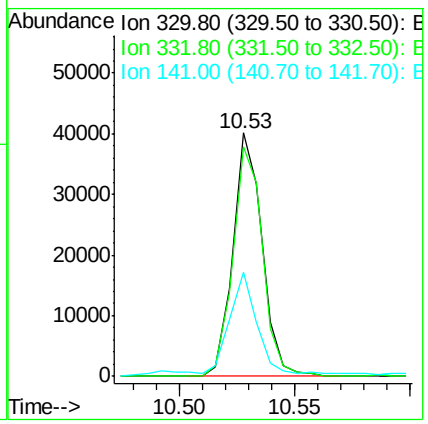


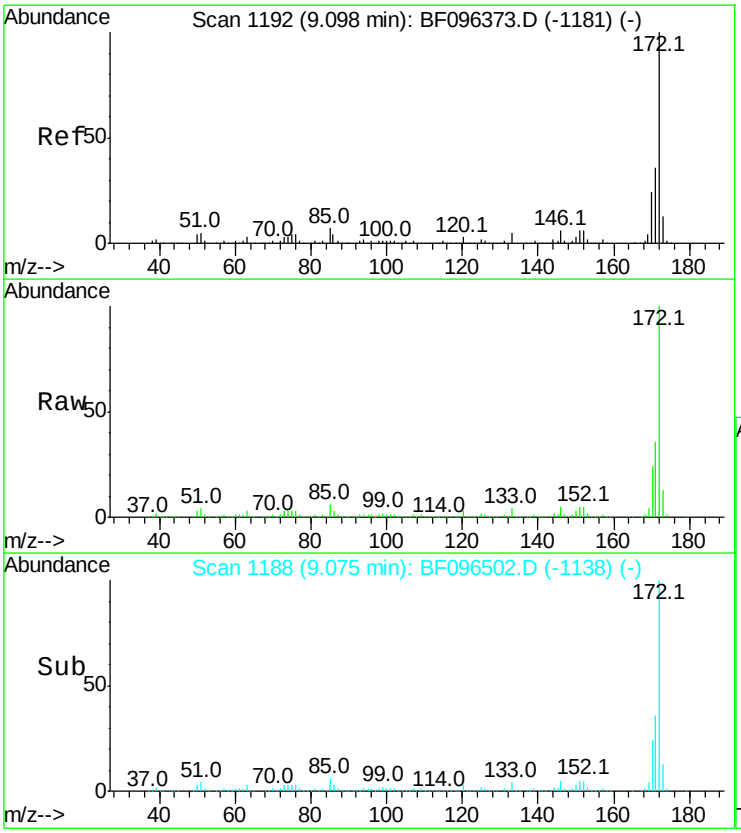
#41
2,4,6-Tribromophenol
Concen: 24.27 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:330 Resp: 35253

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	40.6	31.4	47.2

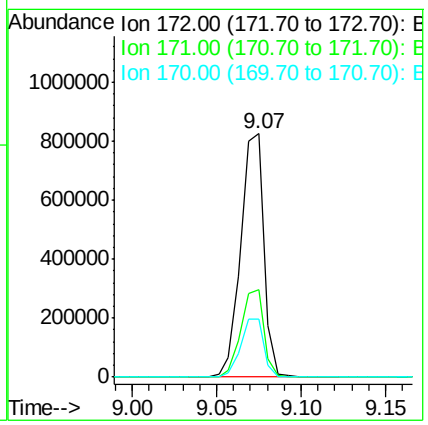


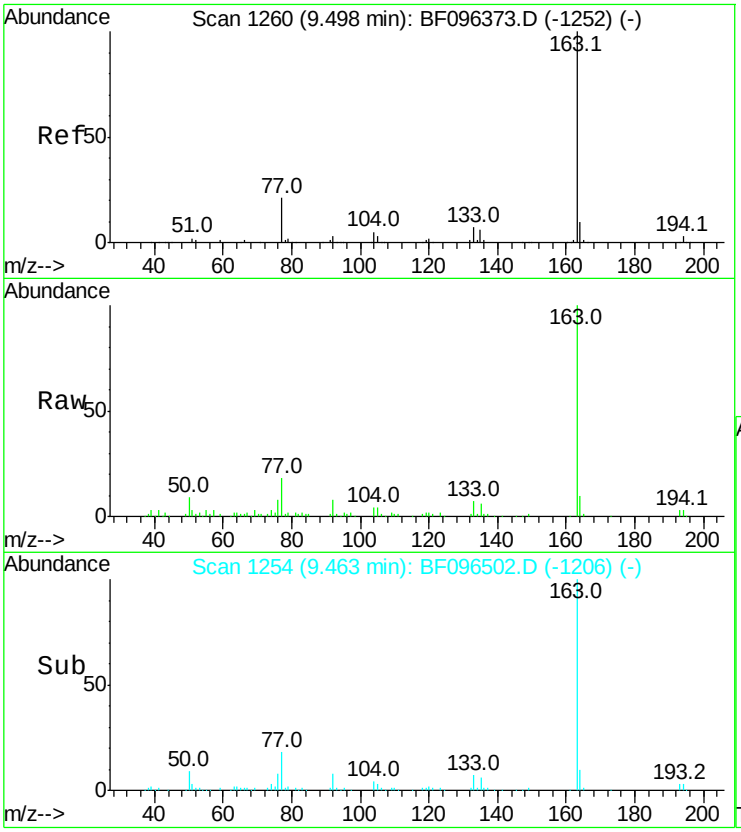


#44
2-Fluorobiphenyl
Concen: 72.78 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:172 Resp: 791539

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.1	19.8	29.8



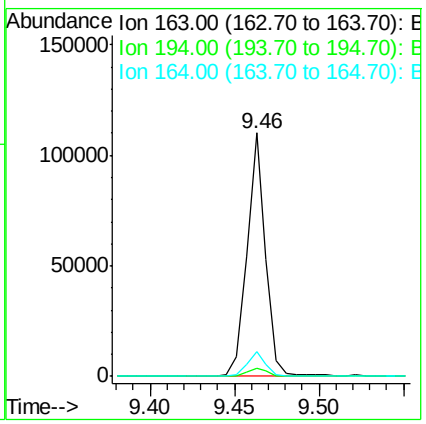


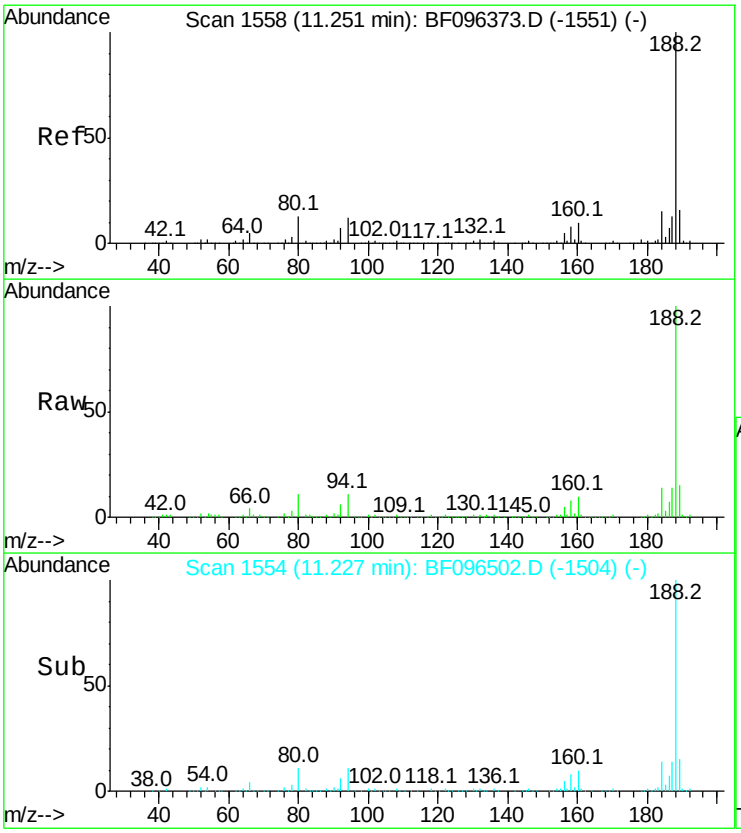
#49
Dimethylphthalate
Concen: 6.07 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:163 Resp: 84224

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

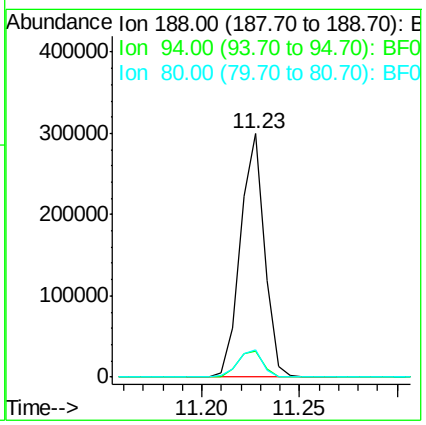


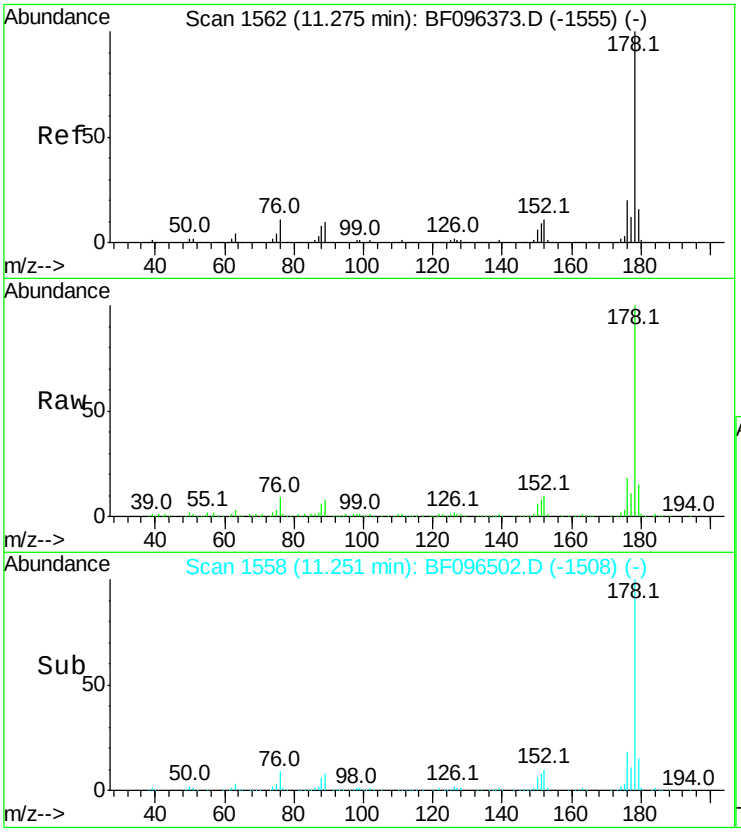


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:188 Resp: 255668

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.1	10.2	15.2



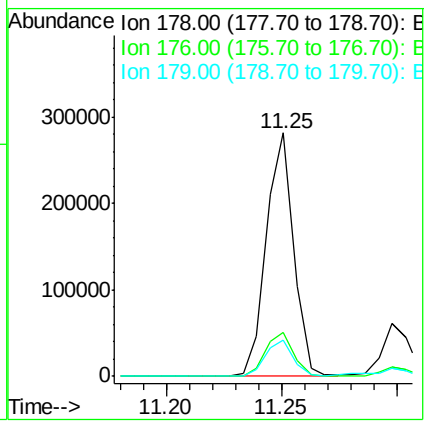


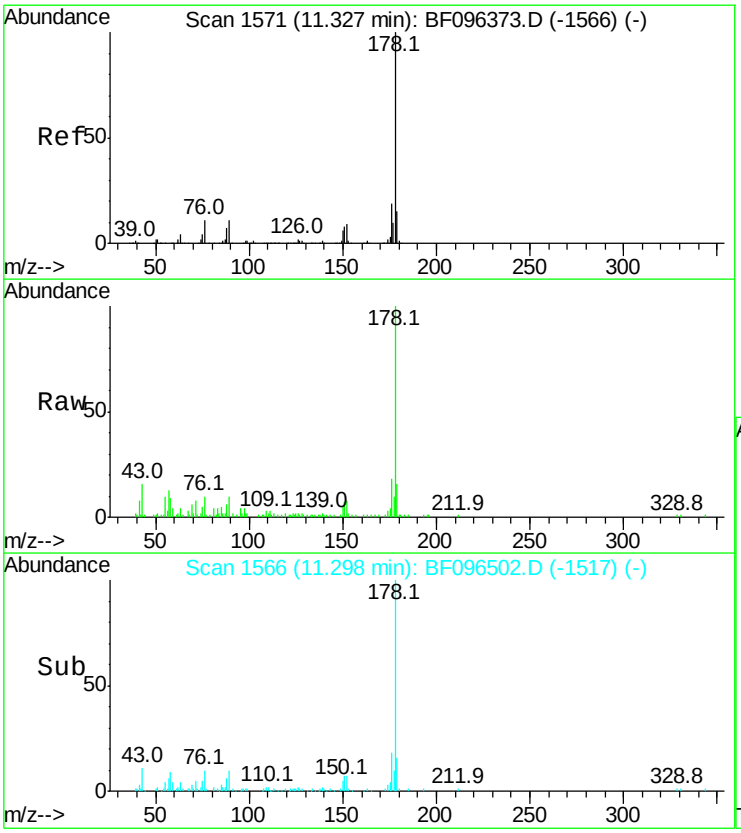
#70
Phenanthrene
Concen: 16.80 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:178 Resp: 232218

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	14.7	12.6	19.0

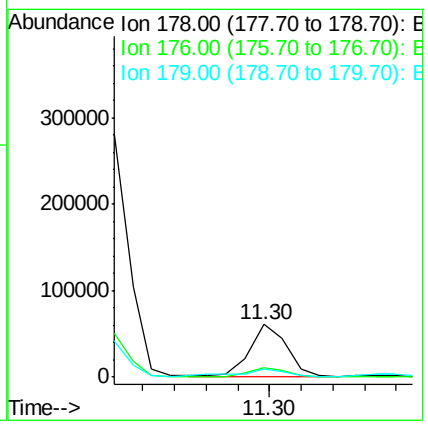


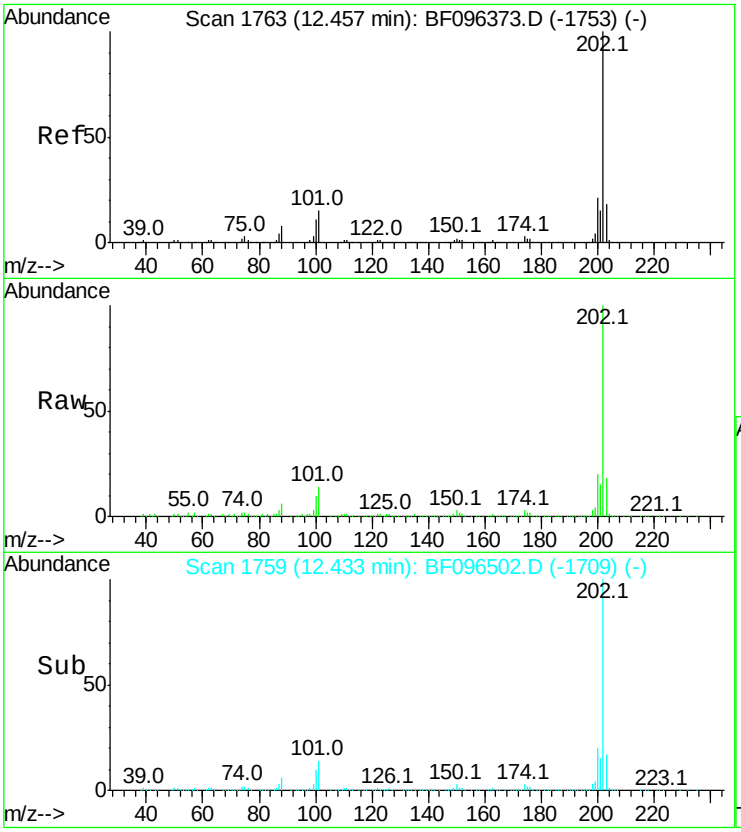


#71
Anthracene
Concen: 3.45 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:178 Resp: 48564

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	16.2	12.7	19.1



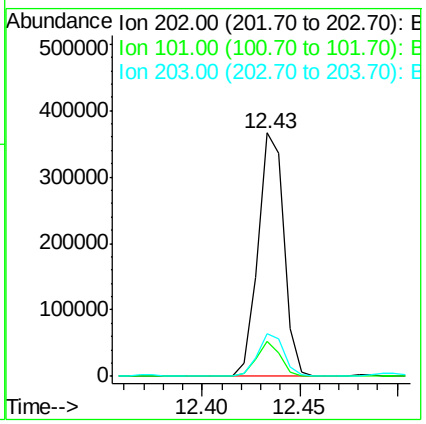


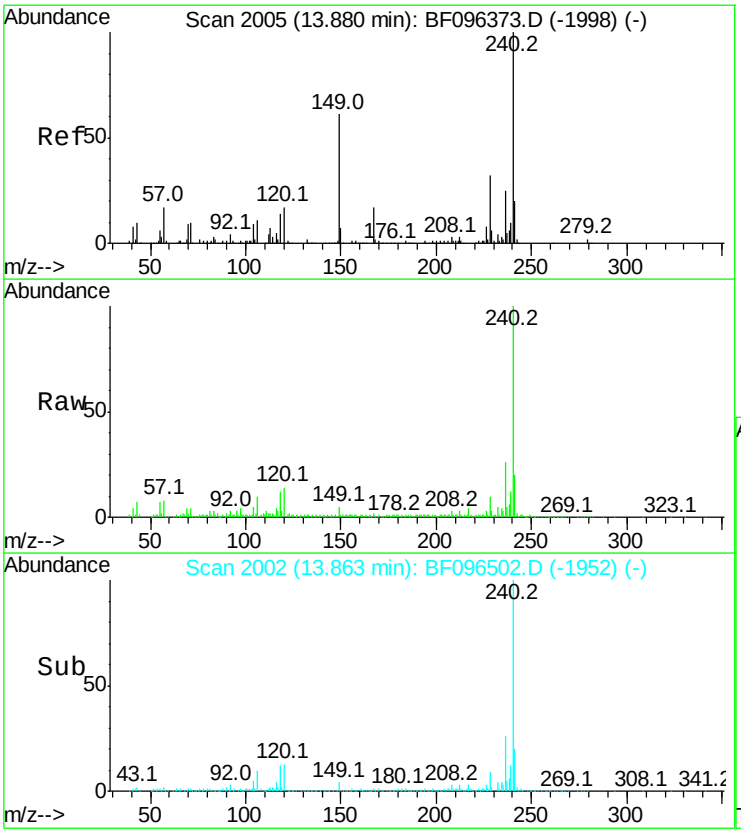
#74
Fluoranthene
Concen: 24.81 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:202 Resp: 336188

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.6	0.0	38.1

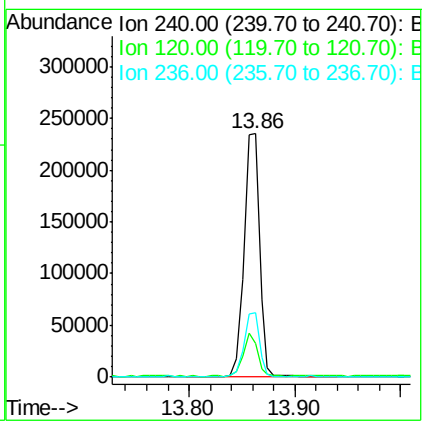


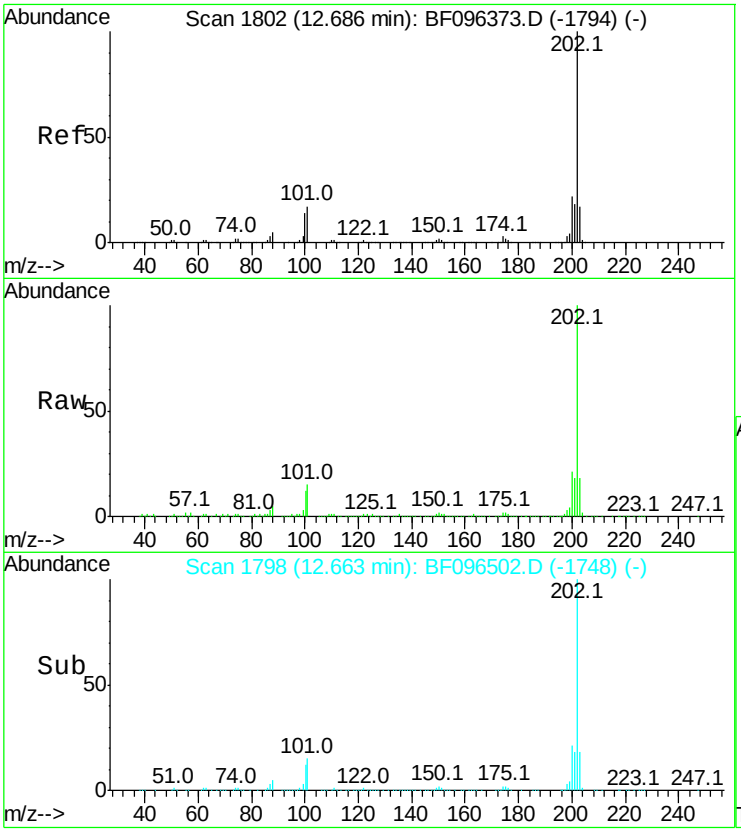


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:240 Resp: 237421

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	26.3	20.5	30.7



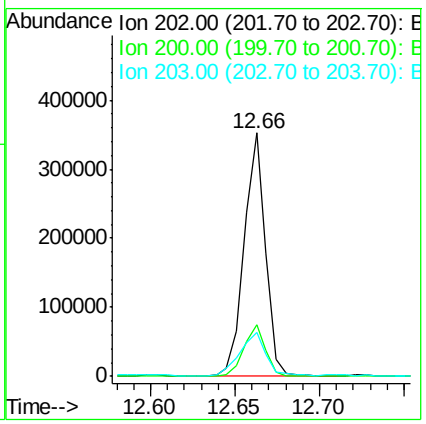


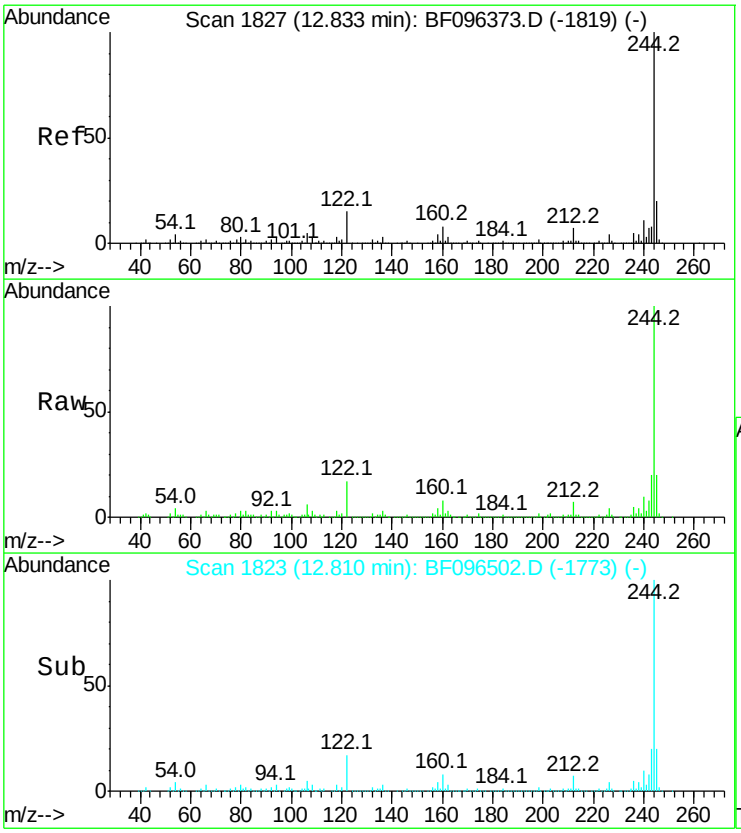
#77
Pyrene
Concen: 16.24 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:202 Resp: 309573

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.9	14.4	21.6

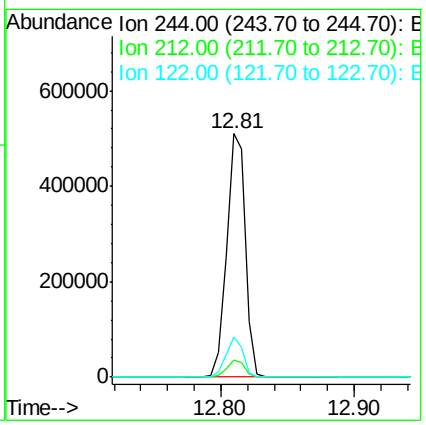


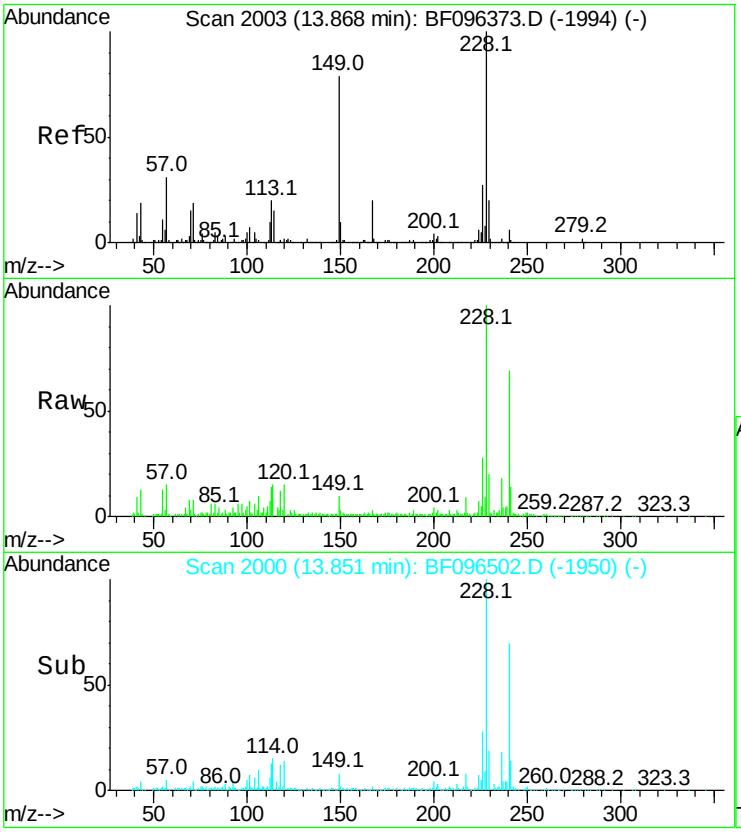


#78
Terphenyl-d14
Concen: 45.17 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:244 Resp: 501868

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	16.6	10.3	15.5#



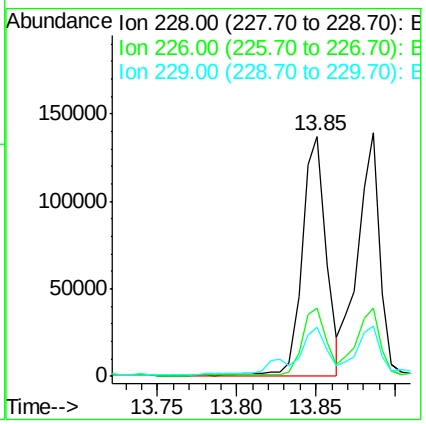


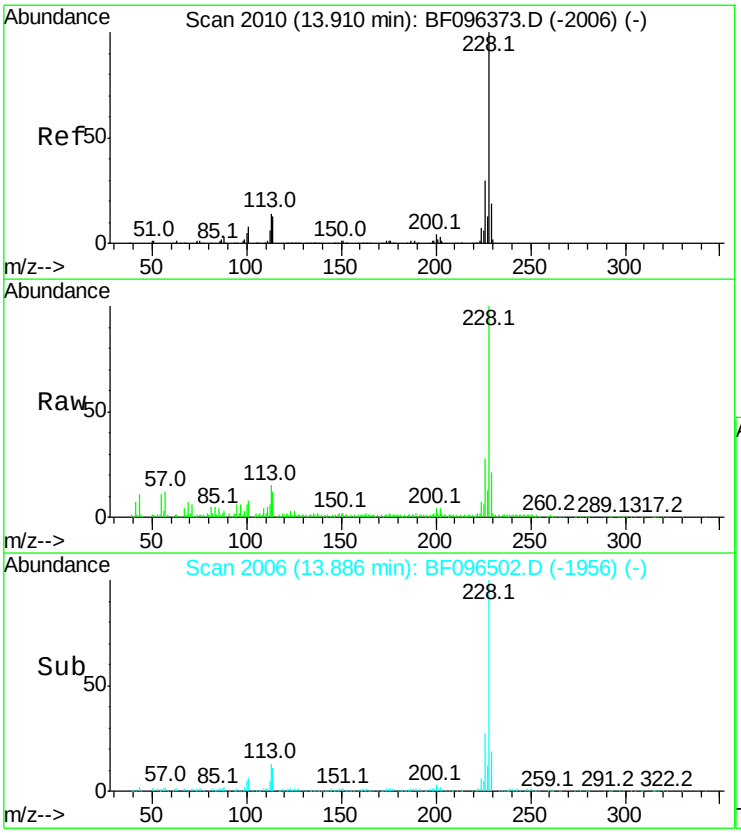
#80
Benzo(a)anthracene
Concen: 10.38 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:228 Resp: 142770

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	16.3	24.5

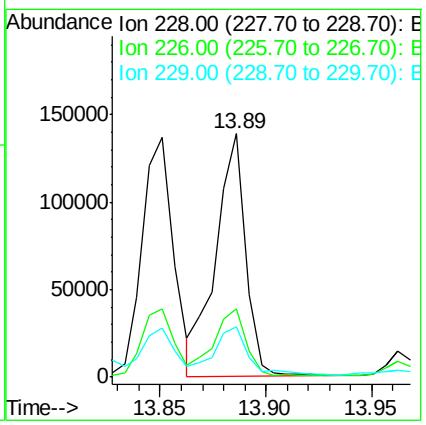


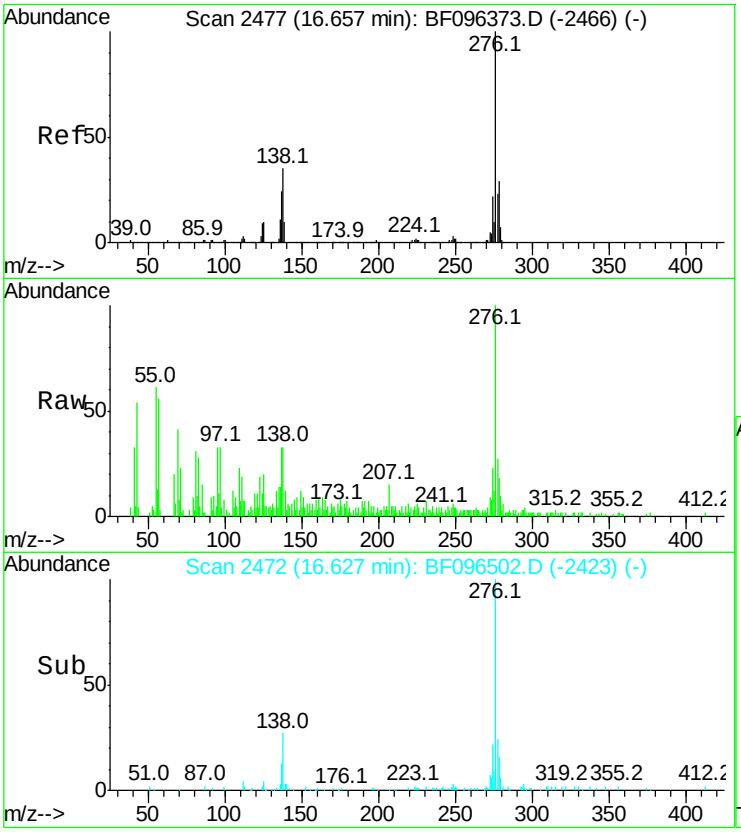


#82
Chrysene
Concen: 9.45 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:228 Resp: 136118

Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.9	37.3
229	20.7	15.8	23.6



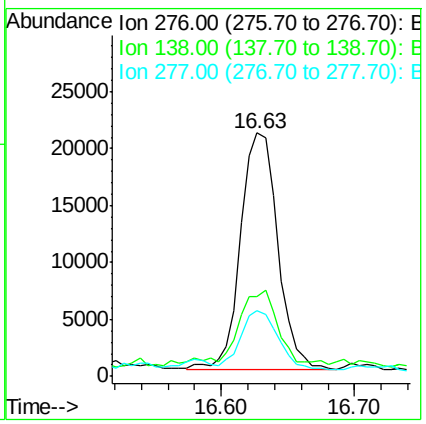


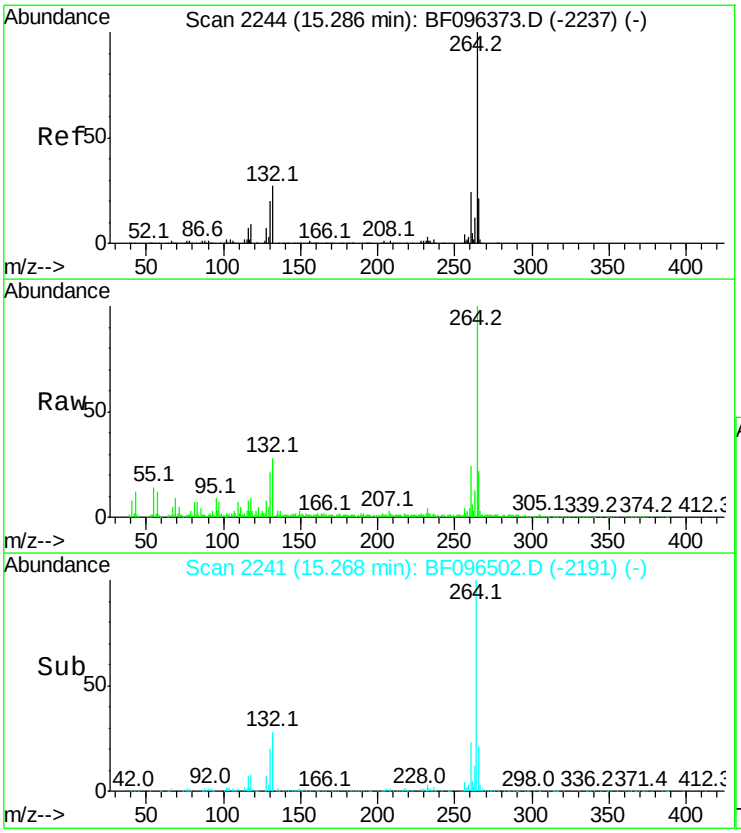
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.52 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:276 Resp: 40011

Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.8	41.6
277	25.1	20.2	30.4

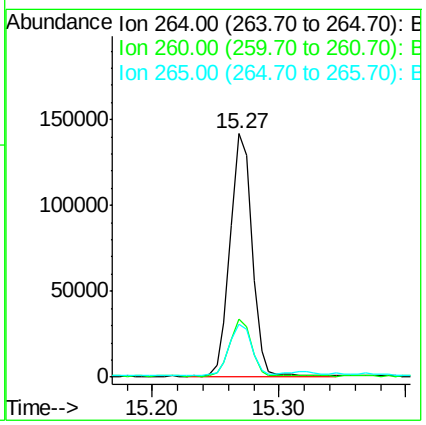


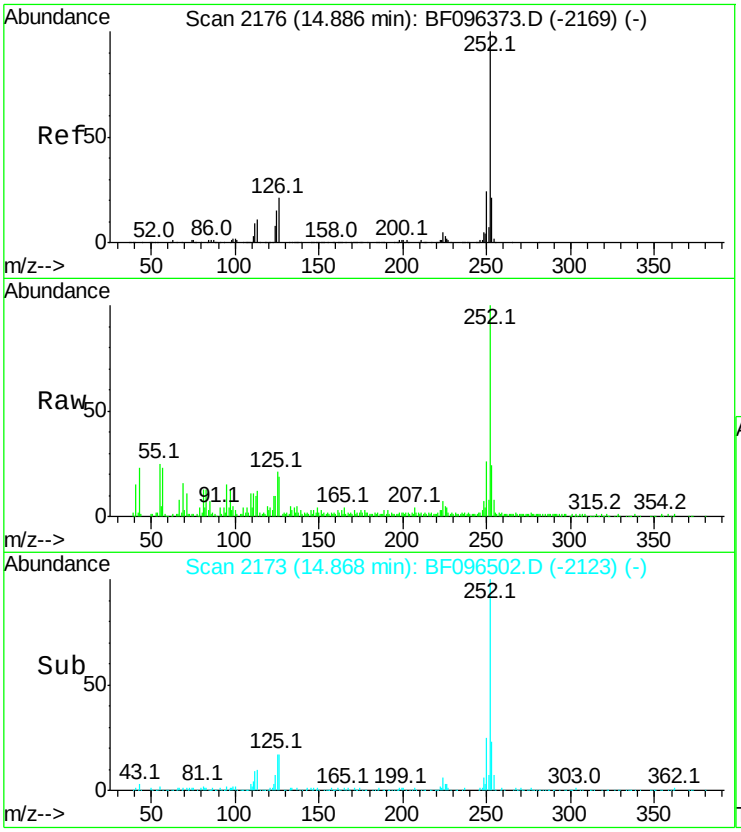


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:264 Resp: 167651

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8



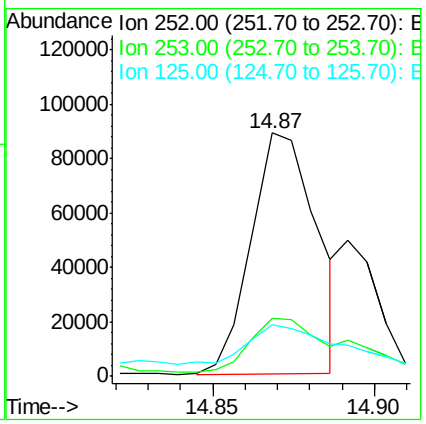


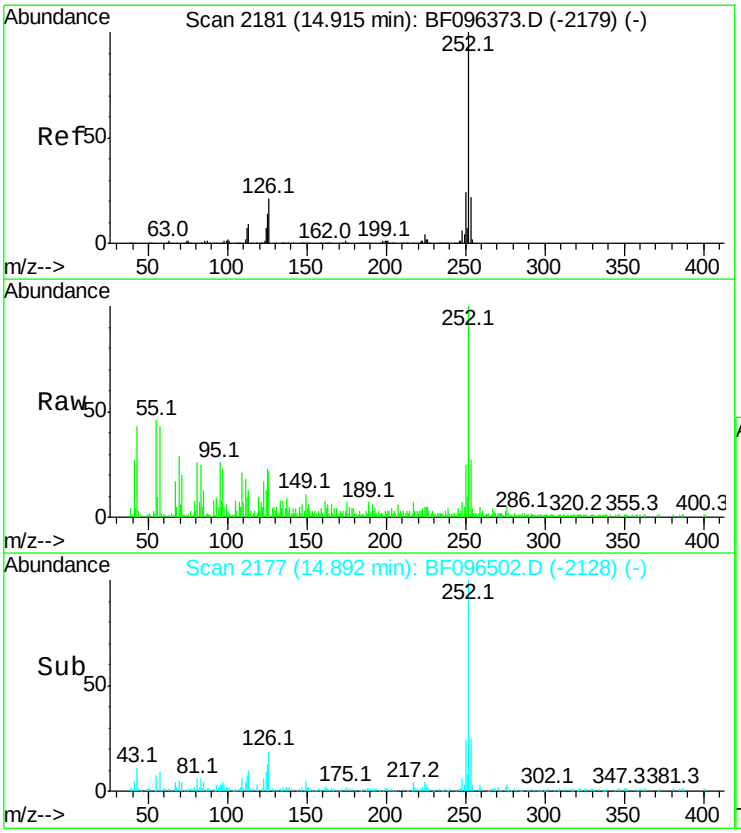
#87
Benzo(b)fluoranthene
Concen: 11.80 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:252 Resp: 124002

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	21.1	9.8	14.8#

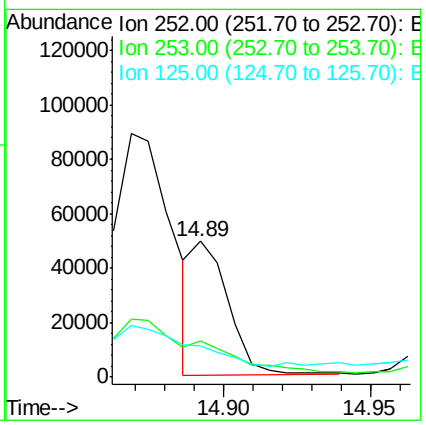


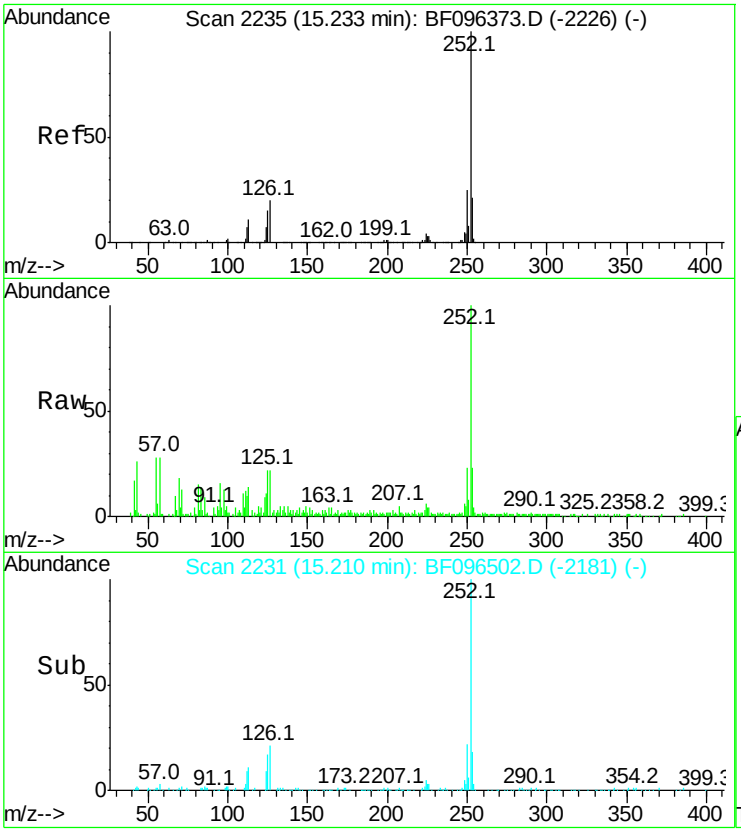


#88
Benzo(k)fluoranthene
Concen: 4.38 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:252 Resp: 41182

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.4	27.6
125	22.6	13.1	19.7#



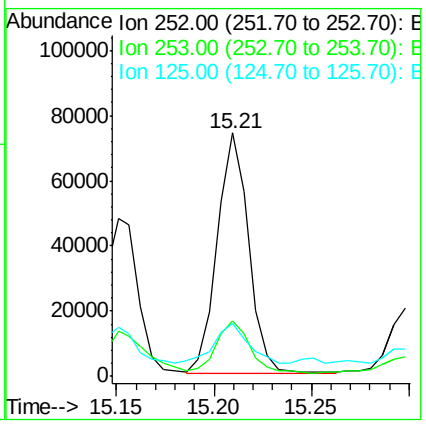


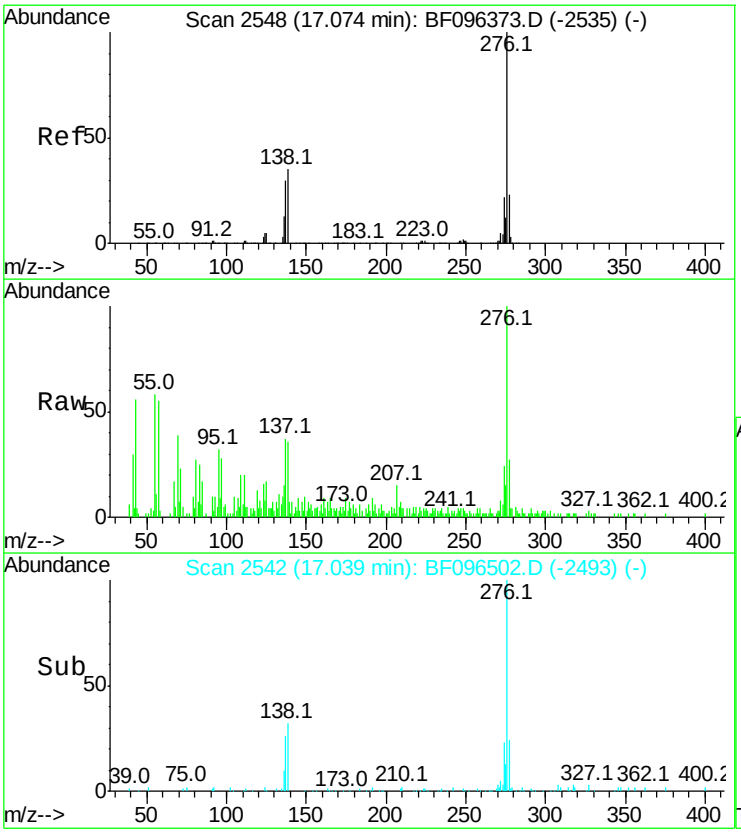
#89
Benzo(a)pyrene
Concen: 8.75 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Instrument :
BNA_F
ClientSampleId :
B9-2-4

Tgt Ion:252 Resp: 82024

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	21.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.15 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF096502.D
Acq: 6 Jul 2017 00:35

Tgt Ion:276 Resp: 39376

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	36.2	25.4	38.0