Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096501.D
Acq On : 6 Jul 2017 00:07
Operator : SJ/MA
Sample : I3976-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B9-0-2

Quant Time: Jul 06 04:17:21 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	107901	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	417291	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	148458	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	207294	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	221805	20.00	ng		-0.01
86) Perylene-d12	15.27	264	171473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	633204	86.62	ng		0.00
7) Phenol-d6	6.35	99	770616	85.74	ng		0.00
23) Nitrobenzene-d5	7.27	82	441108	63.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	79394	68.46	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	730286	84.11	ng		0.00
78) Terphenyl-d14	12.81	244	492023	47.40	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.46	163	102827	9.28	ng		98
70) Phenanthrene	11.25	178	81975	7.32	ng		98
74) Fluoranthene	12.43	202	138352	12.59	ng		98
77) Pyrene	12.66	202	136336	7.66	ng		99
80) Benzo(a)anthracene	13.84	228	67696	5.27	ng		97
82) Chrysene	13.88	228	66710	4.96	ng		97
85) Indeno(1,2,3-cd)pyrene	16.62	276	21506	2.03	ng		97
87) Benzo(b)fluoranthene	14.87	252	73464m	6.84	ng		
89) Benzo(a)pyrene	15.20	252	44433	4.63	ng	#	86
91) Benzo(g,h,i)perylene	17.03	276	25411	3.25	ng		97

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

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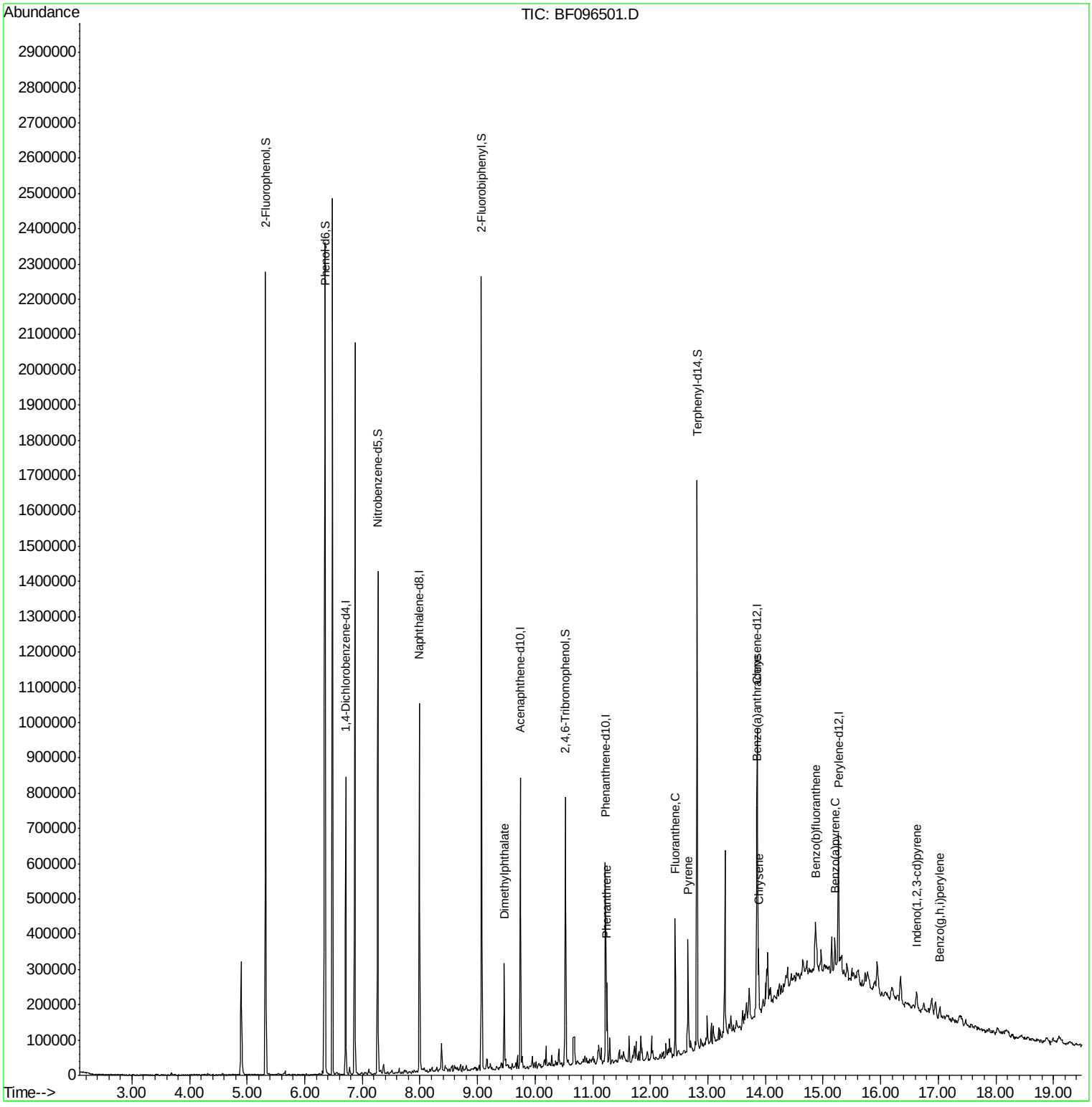
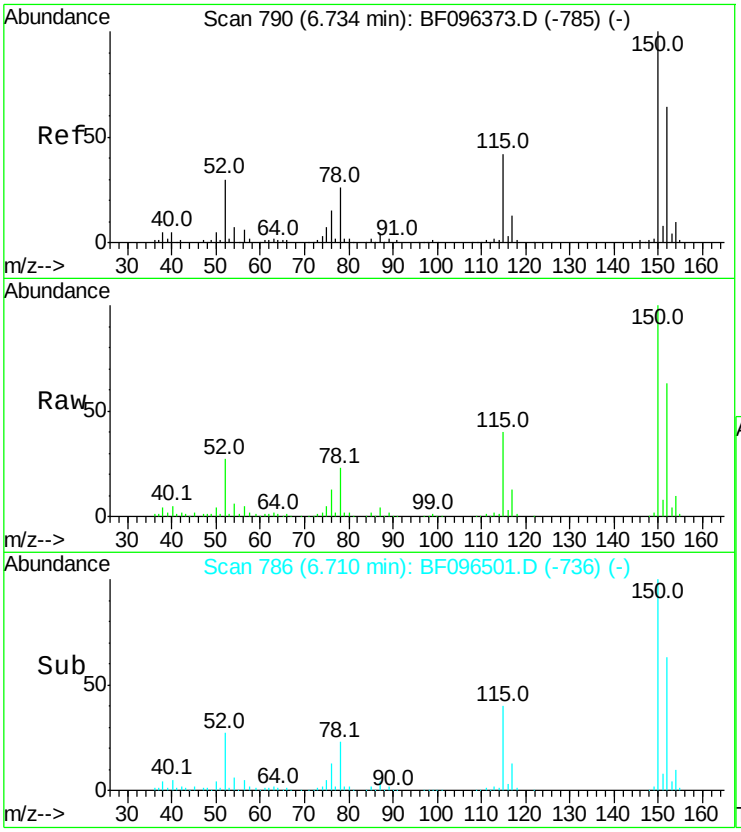


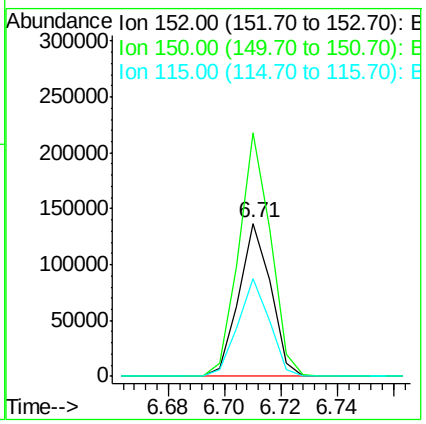


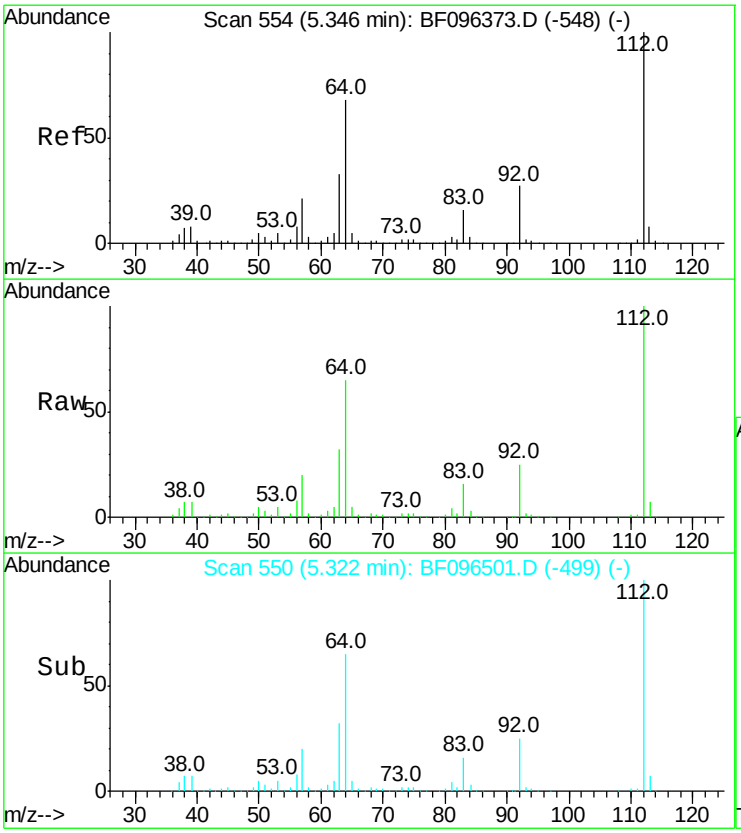
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:152 Resp: 107901

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	63.8	52.2	78.2

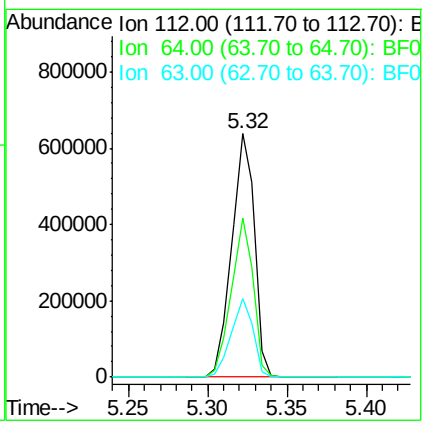


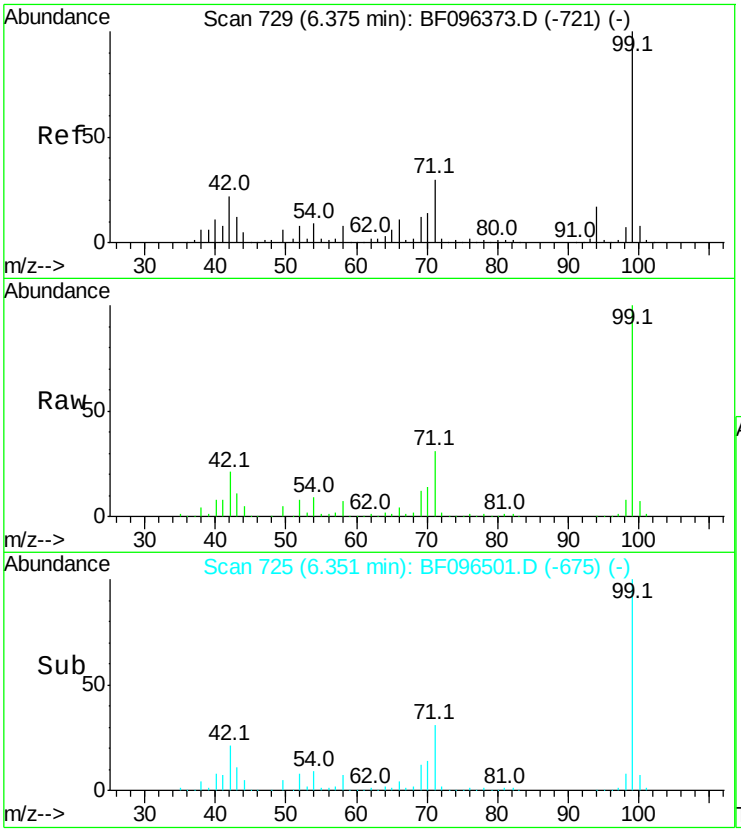


#5
2-Fluorophenol
Concen: 86.62 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:112 Resp: 633204

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	32.3	23.4	35.0



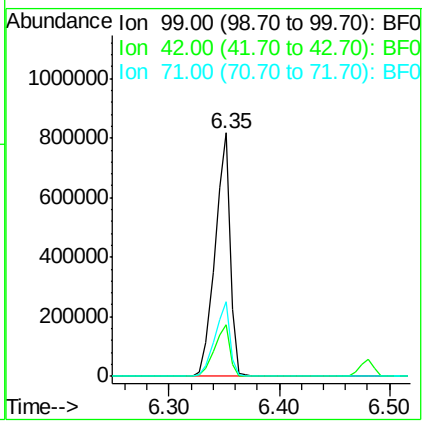


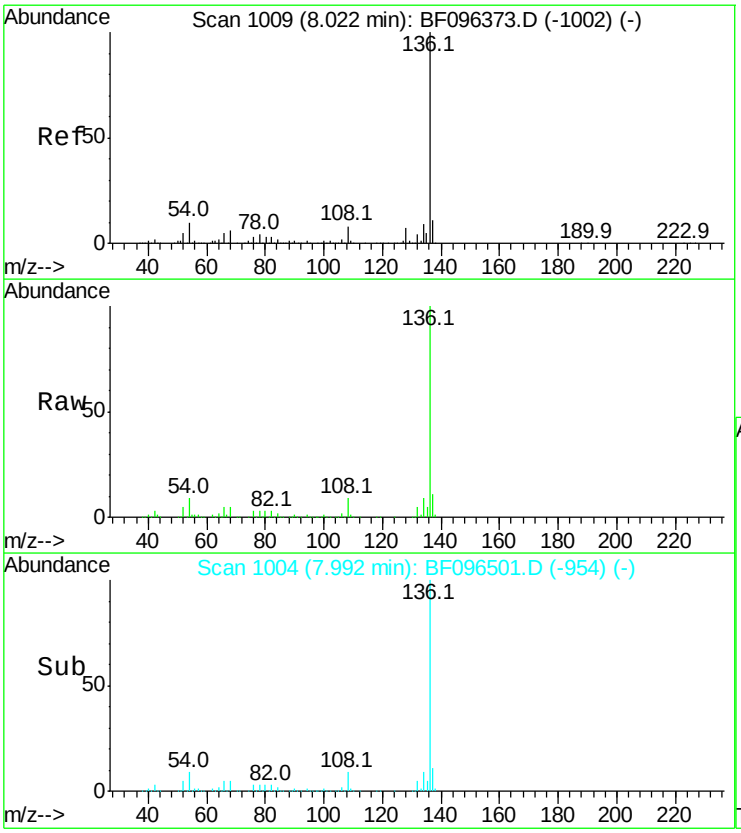
#7
Phenol-d6
Concen: 85.74 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion: 99 Resp: 770616

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	30.9	24.5	36.7

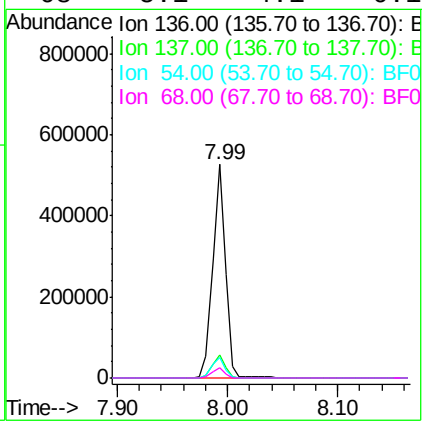


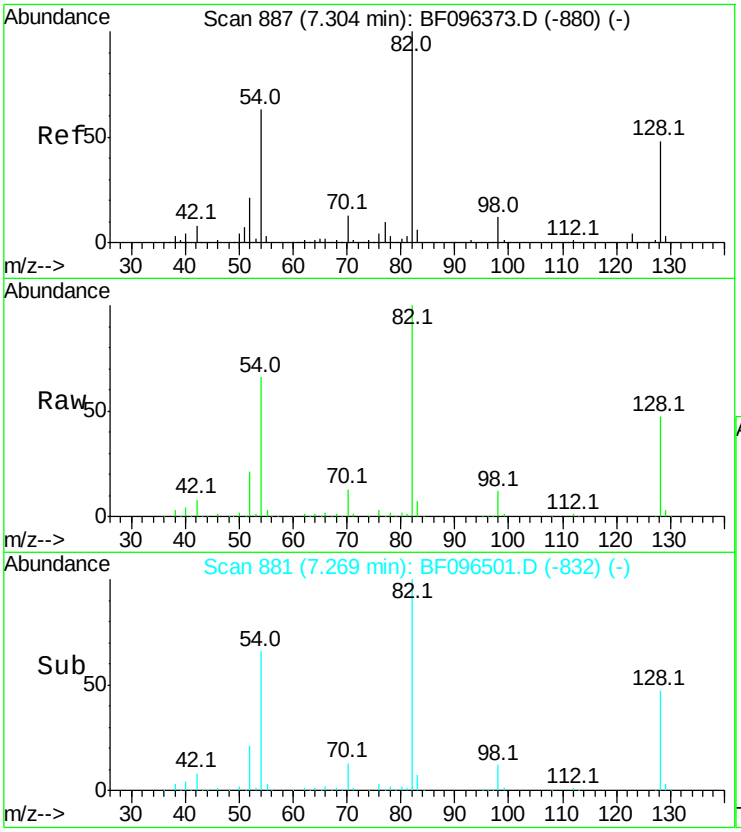


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:136 Resp: 417291

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.4	4.9	7.3#
68	5.1	4.1	6.1



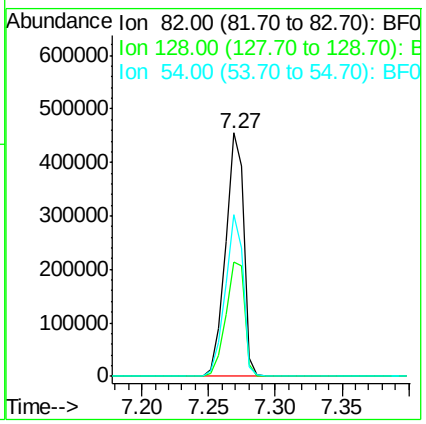


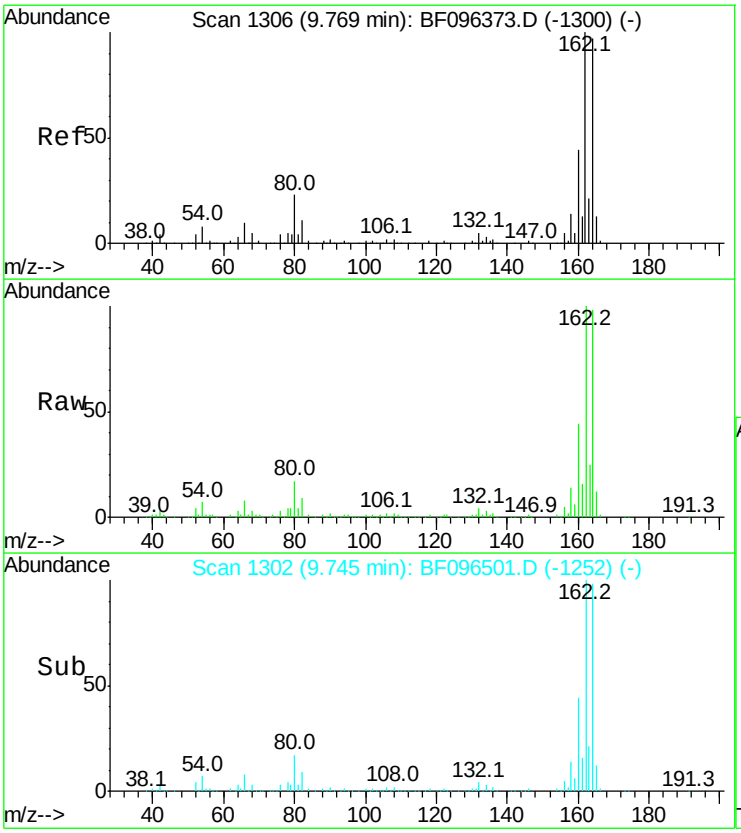
#23
Nitrobenzene-d5
Concen: 63.52 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion: 82 Resp: 441108

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	66.3	42.2	63.2#

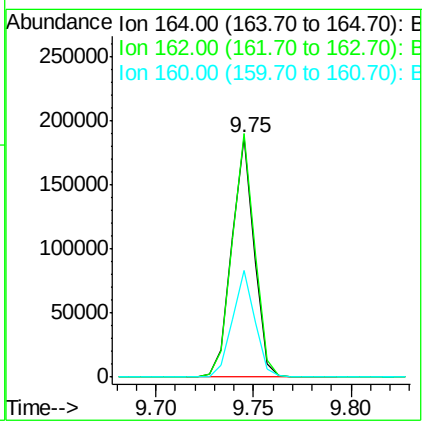


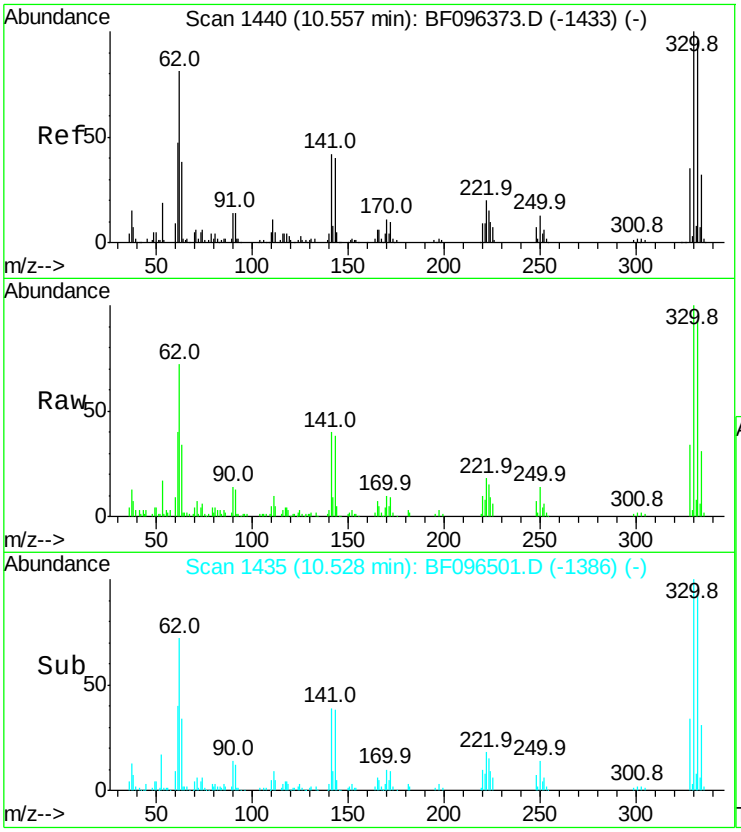


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:164 Resp: 148458

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	44.3	36.2	54.2



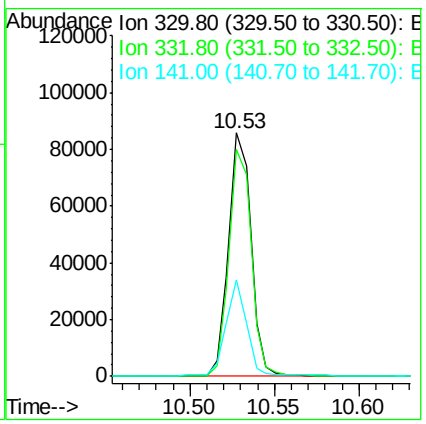


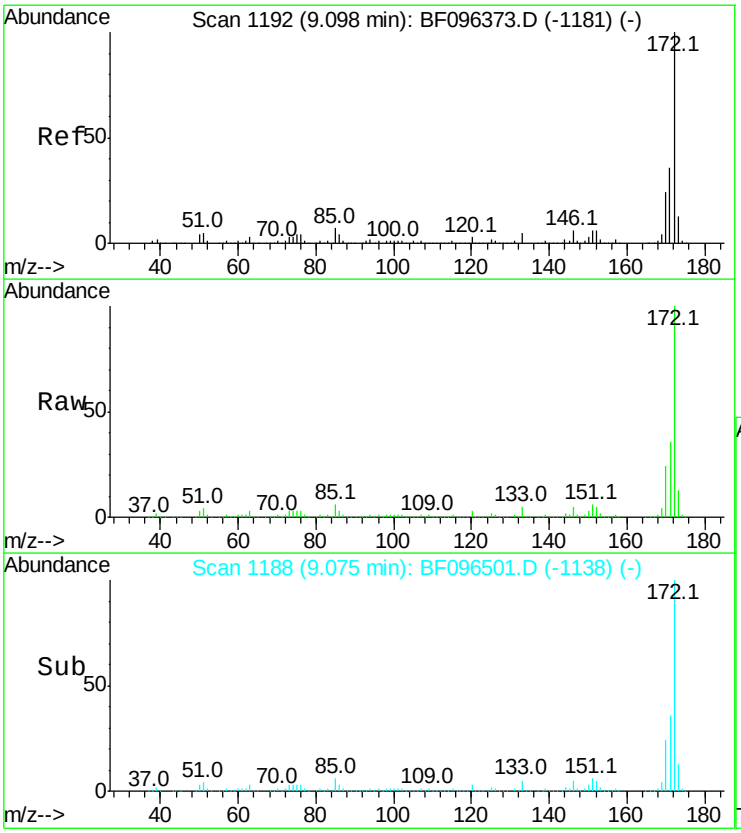
#41
2,4,6-Tribromophenol
Concen: 68.46 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:330 Resp: 79394

Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	37.9	31.4	47.2

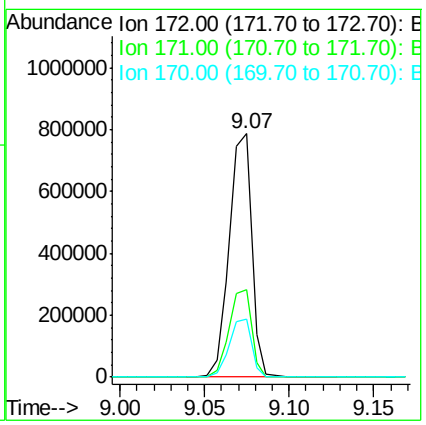


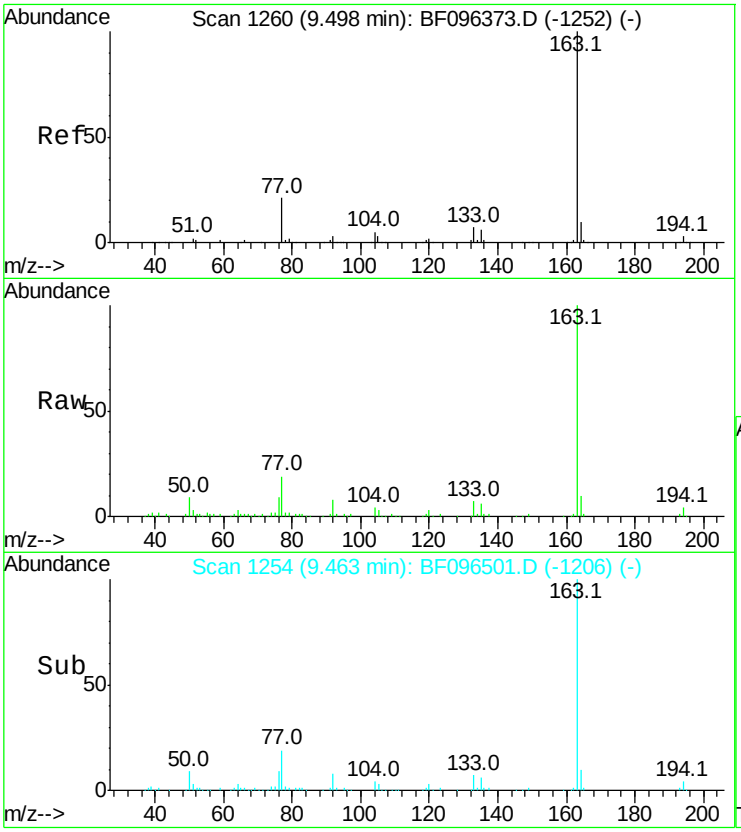


#44
2-Fluorobiphenyl
Concen: 84.11 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:172 Resp: 730286

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.0	19.8	29.8



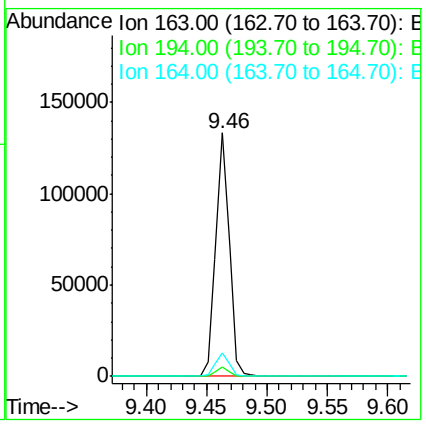


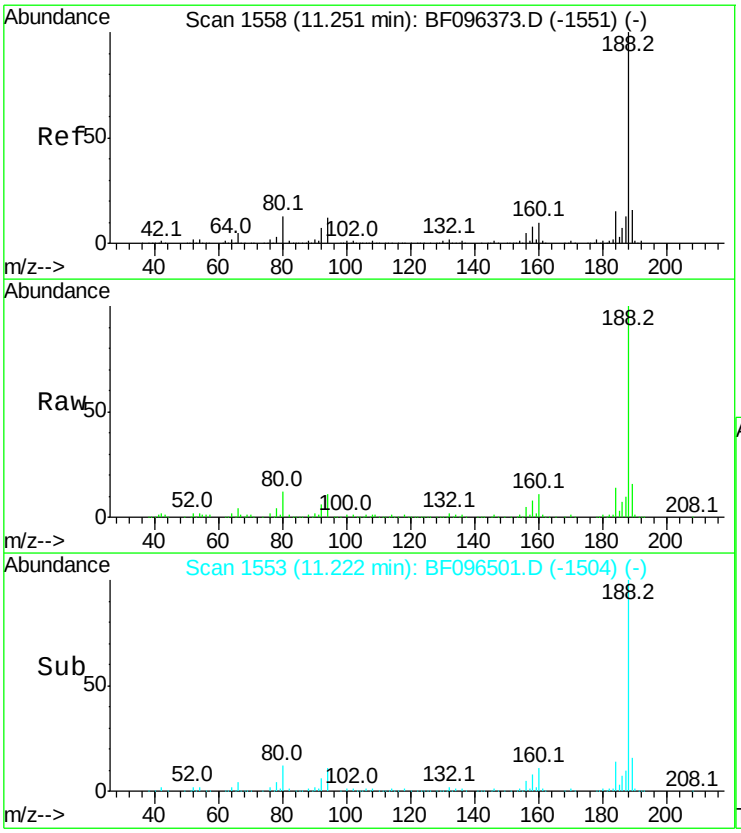
#49
Dimethylphthalate
Concen: 9.28 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:163 Resp: 102827

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.4	12.6

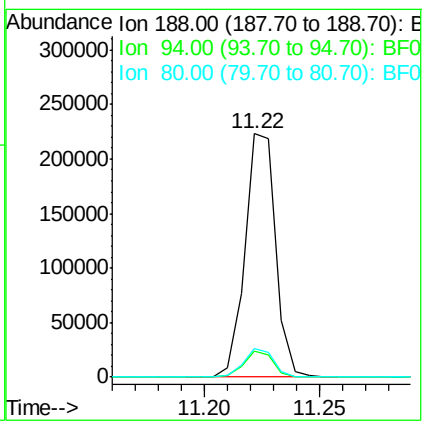


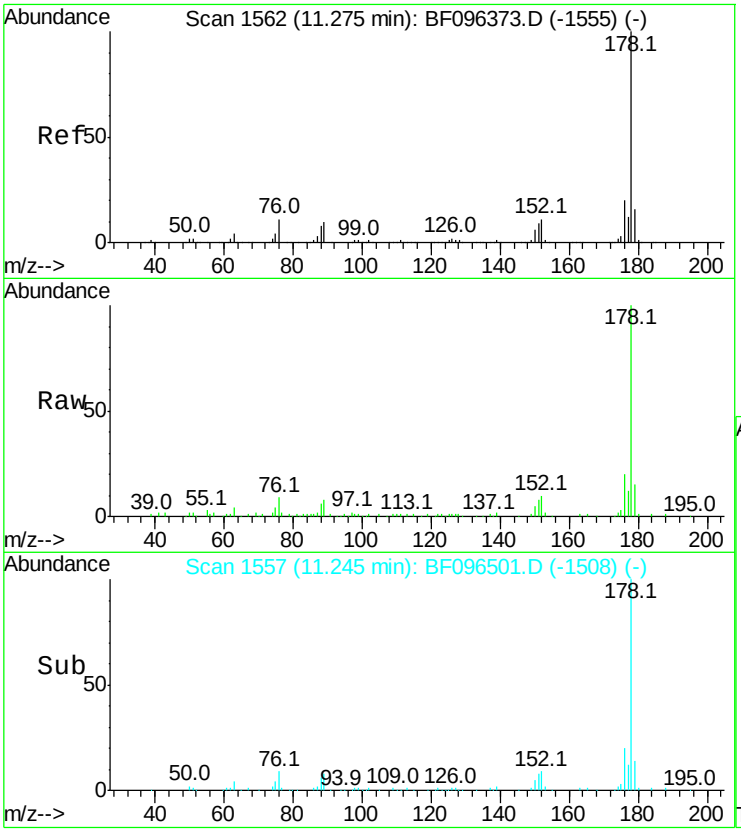


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:188 Resp: 207294

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.8	10.2	15.2



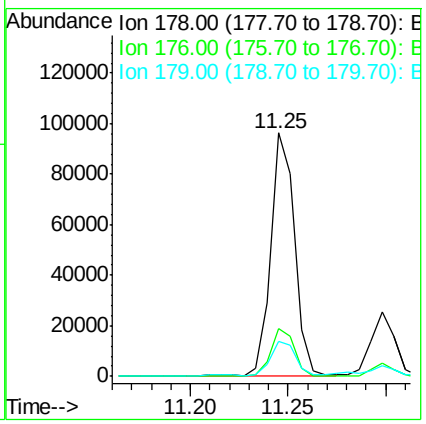


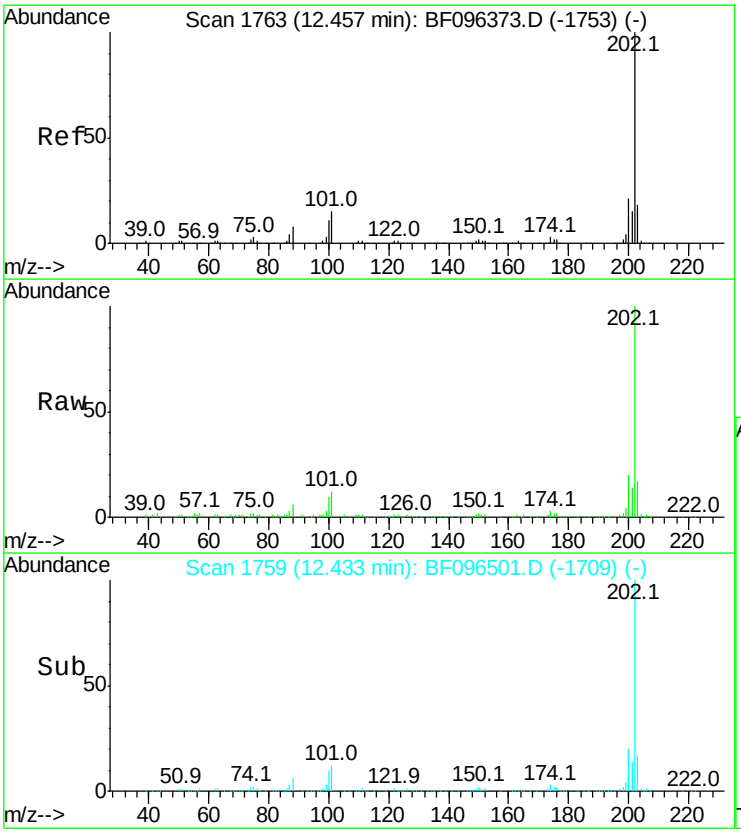
#70
Phenanthrene
Concen: 7.32 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:178 Resp: 81975

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	14.5	12.6	19.0

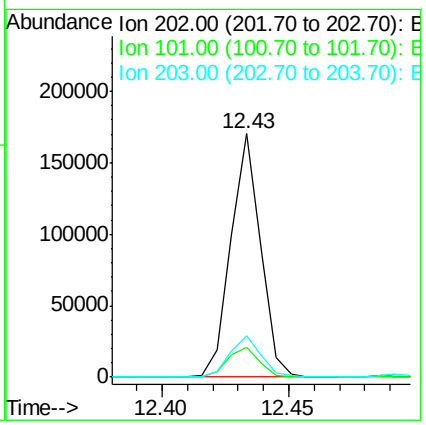


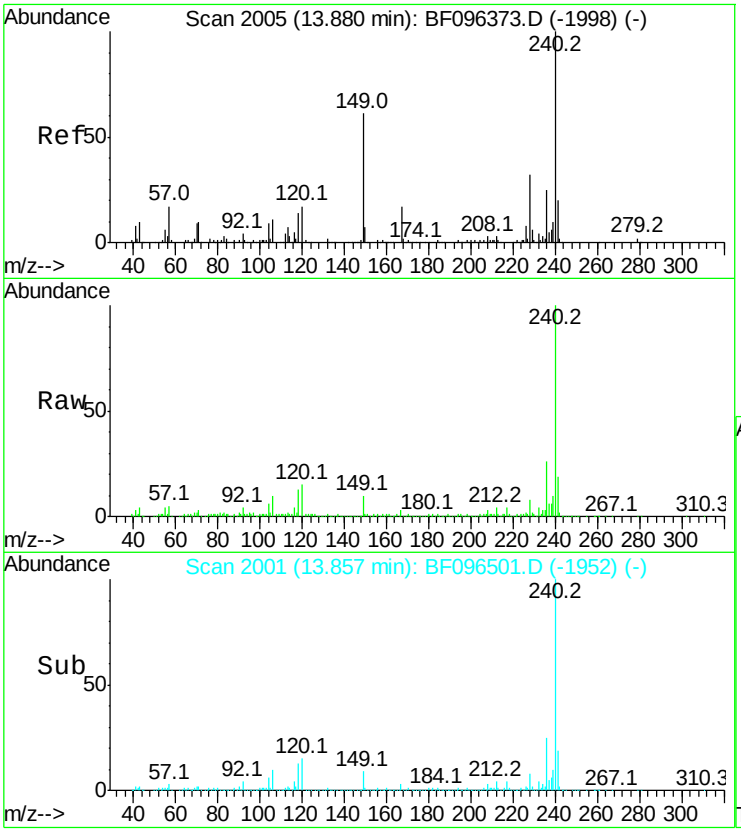


#74
Fluoranthene
Concen: 12.59 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:202 Resp: 138352

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.2	0.0	38.1



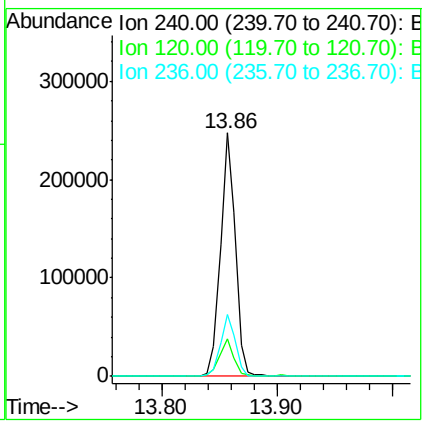


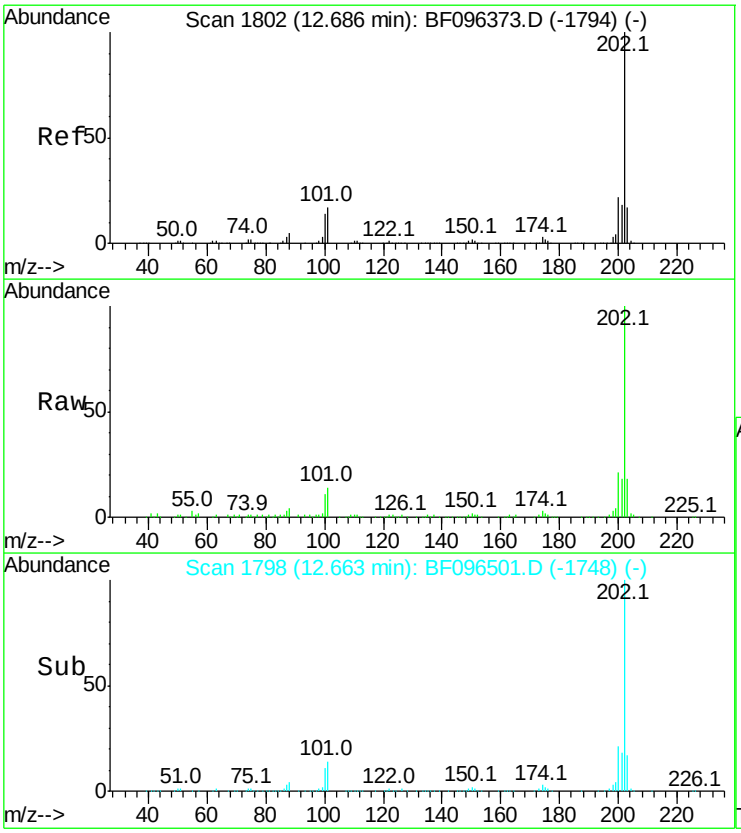
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:240 Resp: 221805

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.6	20.5	30.7

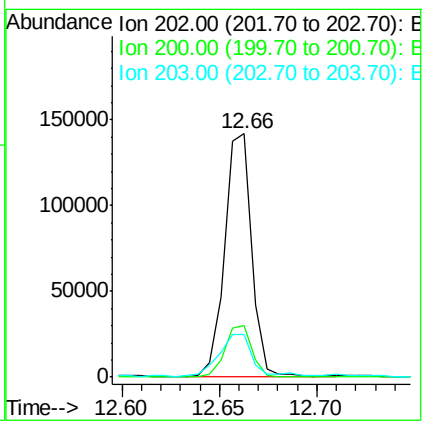


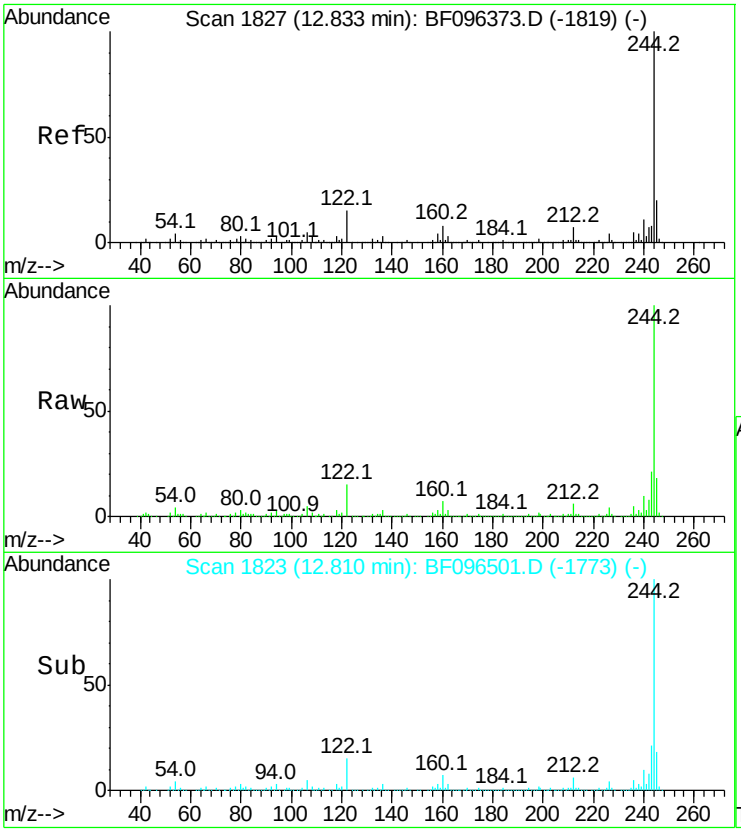


#77
Pyrene
Concen: 7.66 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:202 Resp: 136336

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.5	14.4	21.6



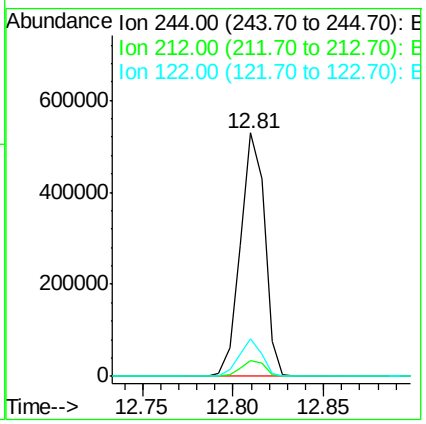


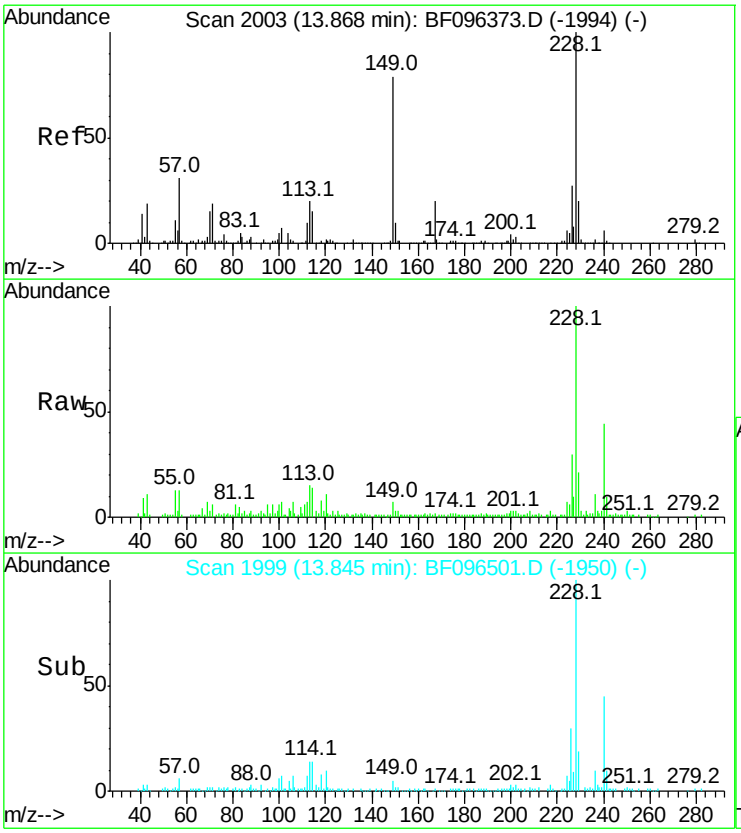
#78
Terphenyl-d14
Concen: 47.40 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:244 Resp: 492023

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	15.4	10.3	15.5

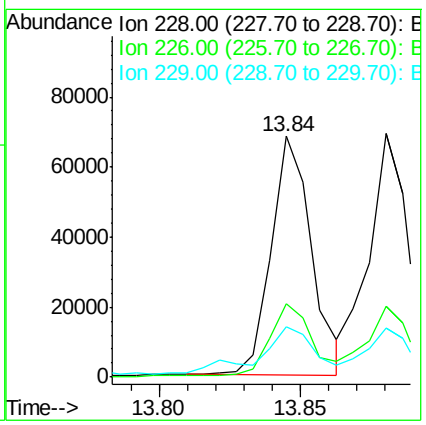


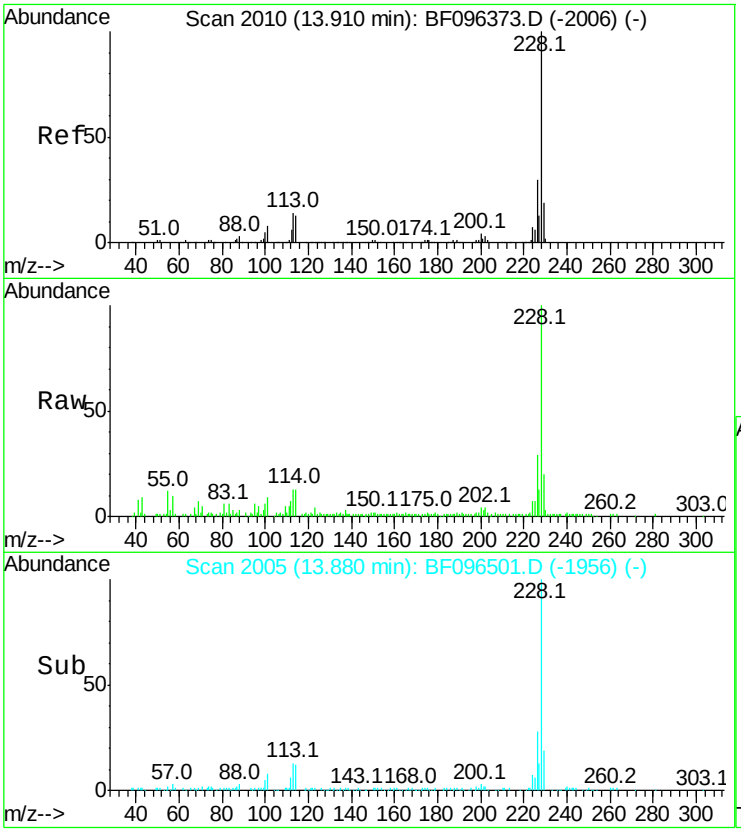


#80
Benzo(a)anthracene
Concen: 5.27 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:228 Resp: 67696

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.9	16.3	24.5



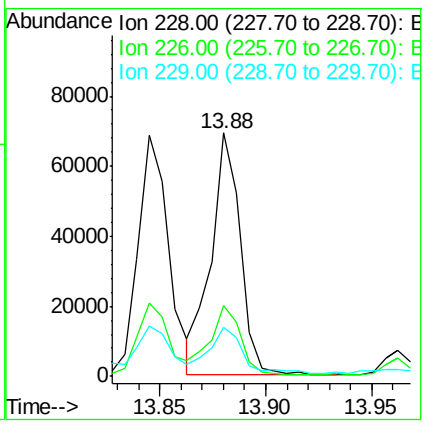


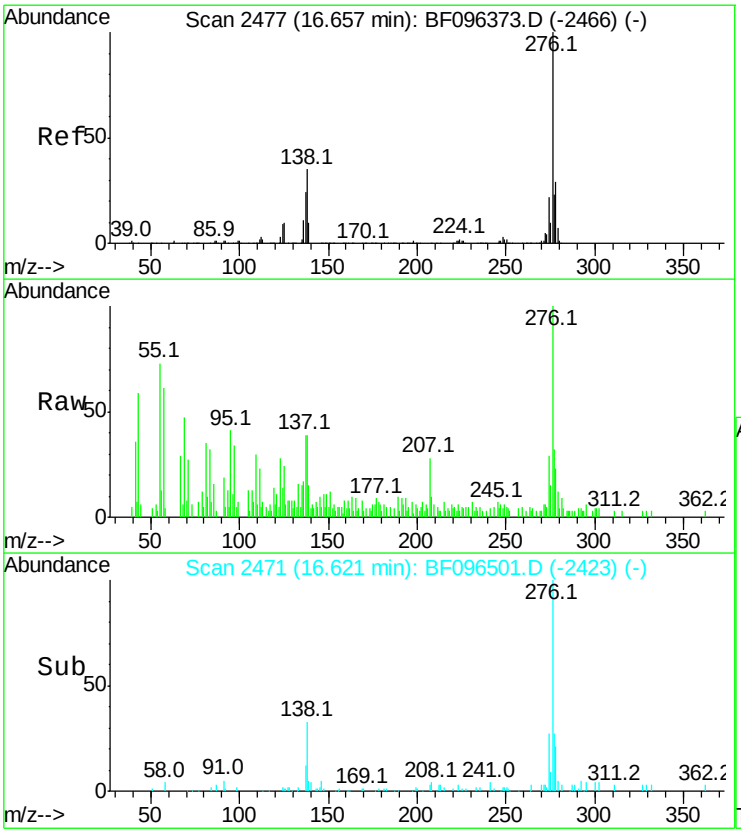
#82
Chrysene
Concen: 4.96 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:228 Resp: 66710

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	20.3	15.8	23.6

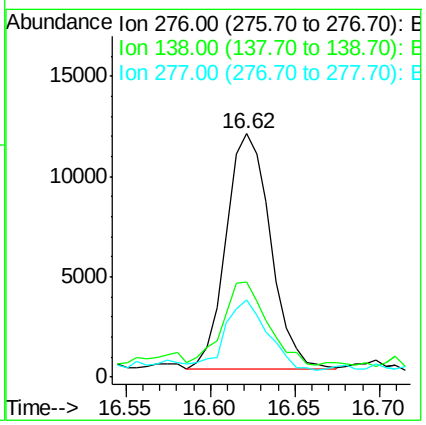


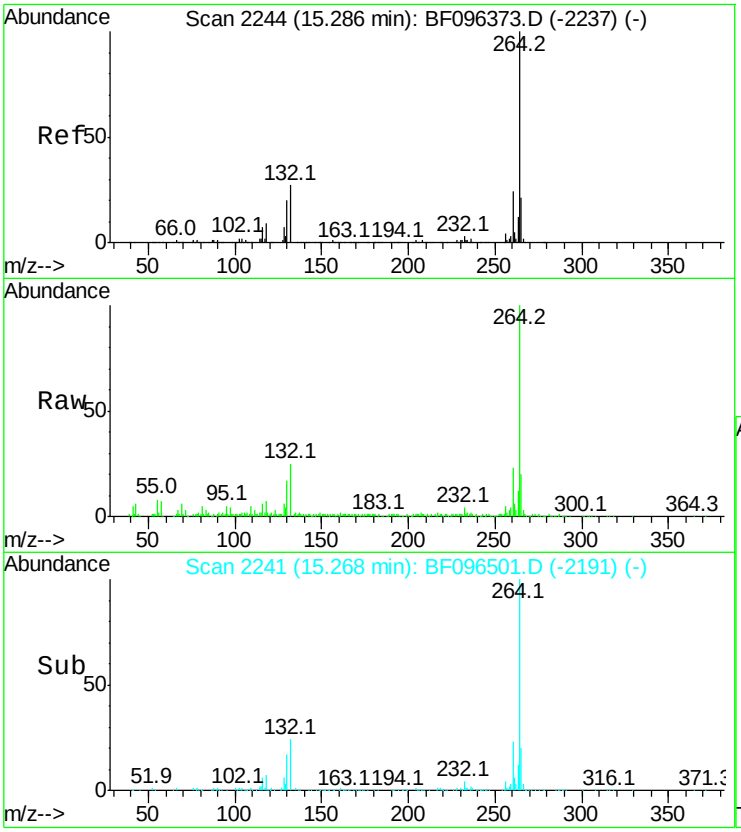


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.03 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:276 Resp: 21506

Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	28.5	20.2	30.4



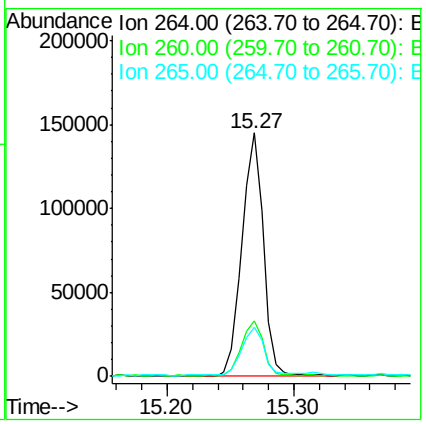


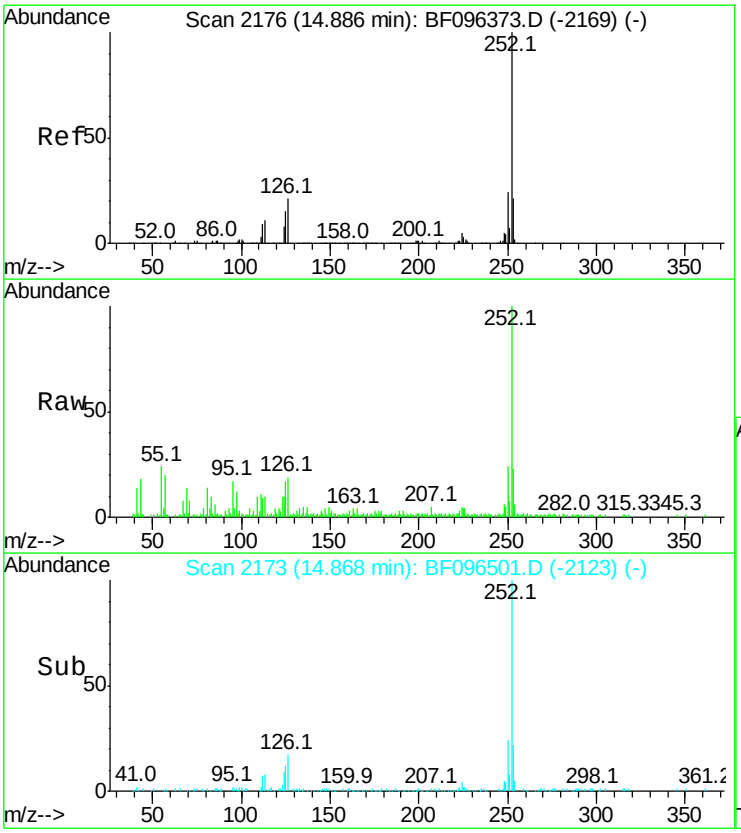
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:264 Resp: 171473

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.4	17.2	25.8

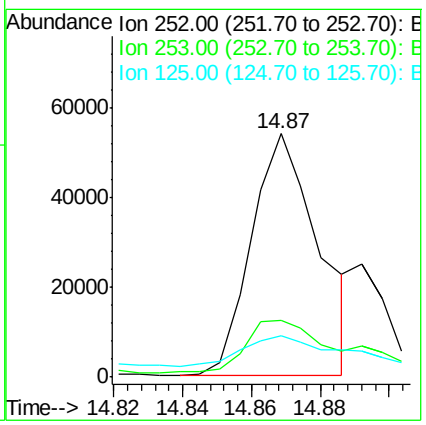


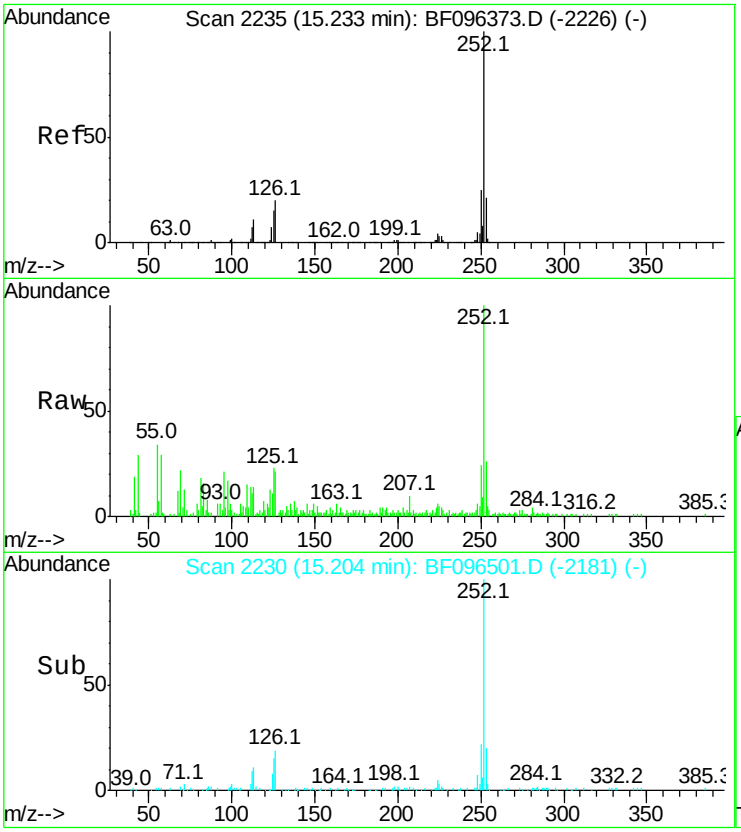


#87
Benzo(b)fluoranthene
Concen: 6.84 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:252 Resp: 73464

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	16.8	9.8	14.8#



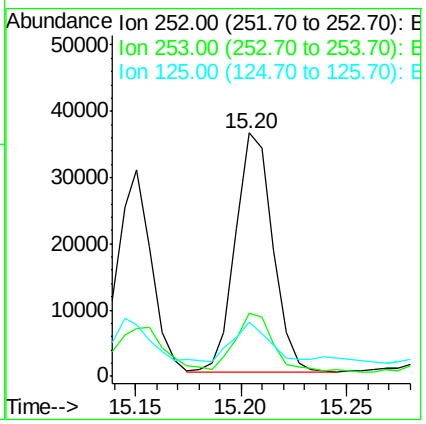


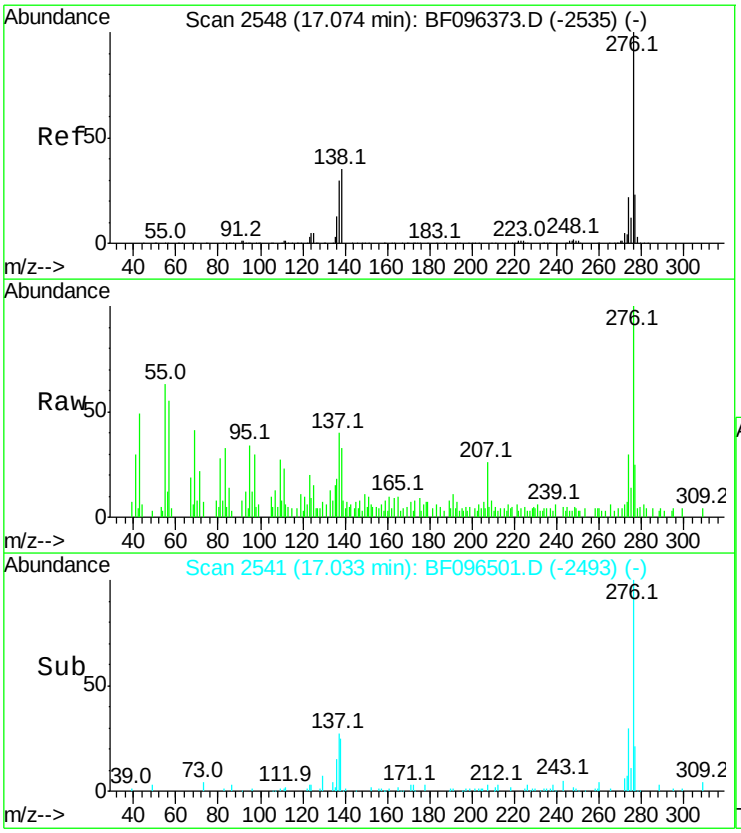
#89
Benzo(a)pyrene
Concen: 4.63 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Instrument :
BNA_F
ClientSampleId :
B9-0-2

Tgt Ion:252 Resp: 44433

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.5	26.3
125	22.5	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.25 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF096501.D
Acq: 6 Jul 2017 00:07

Tgt Ion:276 Resp: 25411

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	33.1	25.4	38.0