Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096489.D
Acq On : 5 Jul 2017 17:38
Operator : SJ/MA
Sample : I3871-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-54-20170622

Quant Time: Jul 06 02:00:10 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	105329	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	431313	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	168466	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	235063	20.00	ng	0.00
75) Chrysene-d12	13.86	240	204008	20.00	ng	-0.01
86) Perylene-d12	15.27	264	159154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	633553	88.78	ng	0.00
7) Phenol-d6	6.35	99	752467	85.77	ng	0.00
23) Nitrobenzene-d5	7.27	82	426271	59.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	115164	87.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	602778	61.18	ng	0.00
78) Terphenyl-d14	12.81	244	334310	35.02	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	182114	14.48	ng	99
70) Phenanthrene	11.25	178	144008	11.33	ng	97
71) Anthracene	11.30	178	32142	2.48	ng	96
74) Fluoranthene	12.43	202	192289	15.43	ng	98
77) Pyrene	12.66	202	180138	11.00	ng	99
80) Benzo(a)anthracene	13.85	228	89151	7.55	ng	99
82) Chrysene	13.89	228	86412	6.98	ng	98
85) Indeno(1,2,3-cd)pyrene	16.62	276	33679	3.45	ng	98
87) Benzo(b)fluoranthene	14.87	252	94350m	9.46	ng	
88) Benzo(k)fluoranthene	14.89	252	26950m	3.02	ng	
89) Benzo(a)pyrene	15.21	252	61347	6.89	ng	100
91) Benzo(g,h,i)perylene	17.03	276	29750	4.10	ng	93

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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Acq On : 5 Jul 2017 17:38
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Misc :
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Instrument :
BNA_F
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POSTEX-54-20170622

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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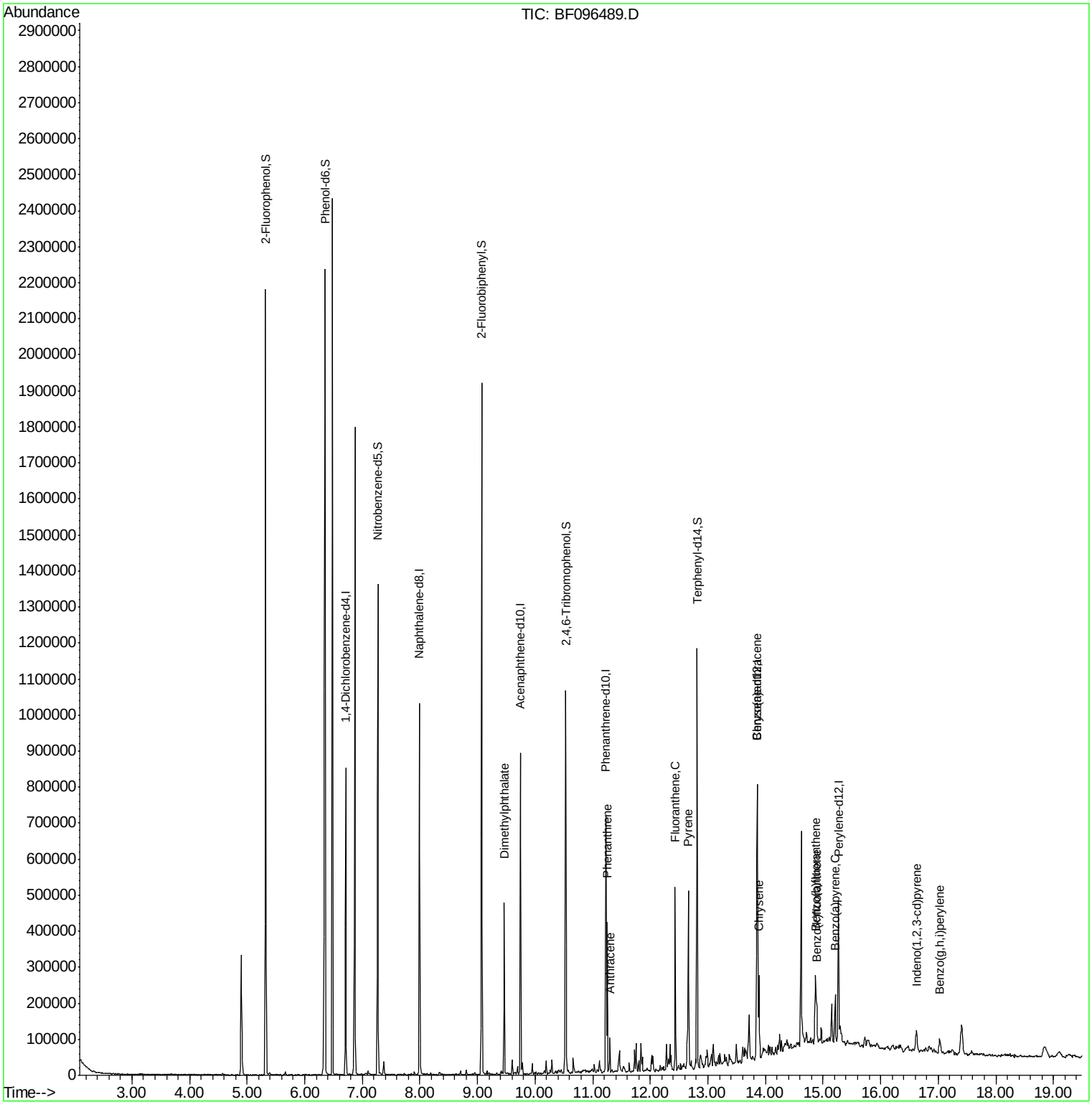
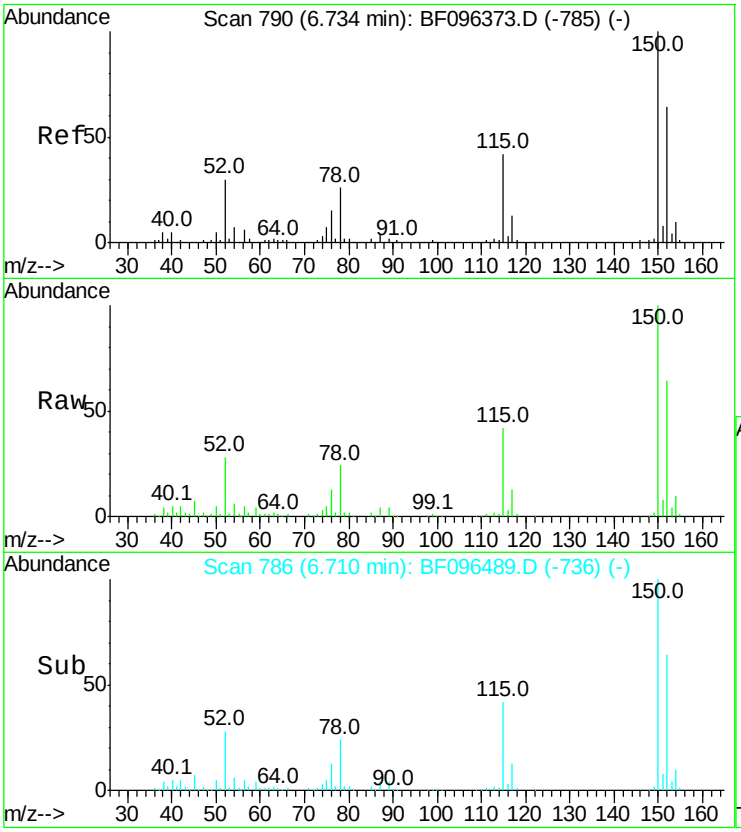


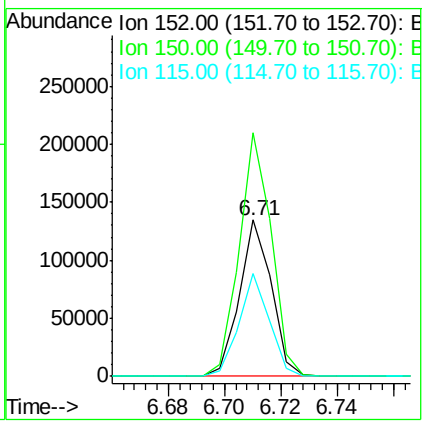


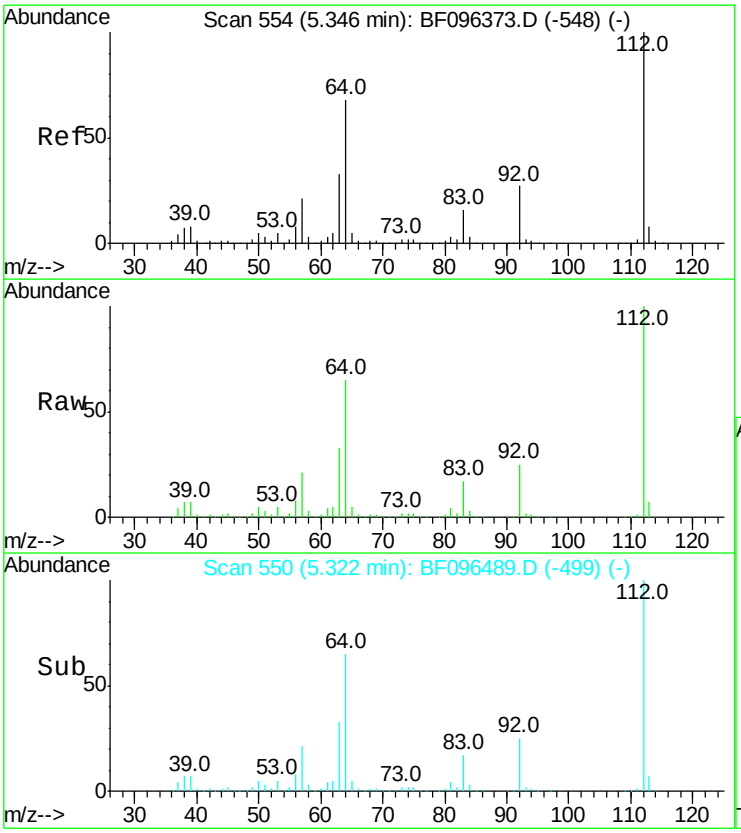
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:152 Resp: 105329

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	65.8	52.2	78.2

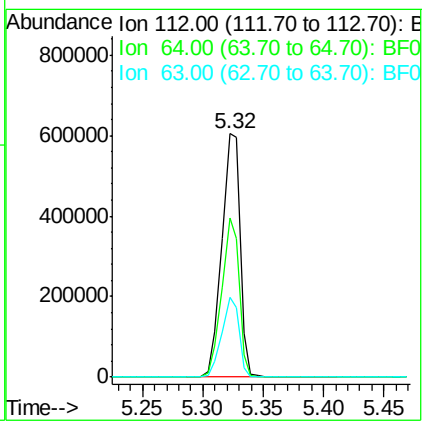


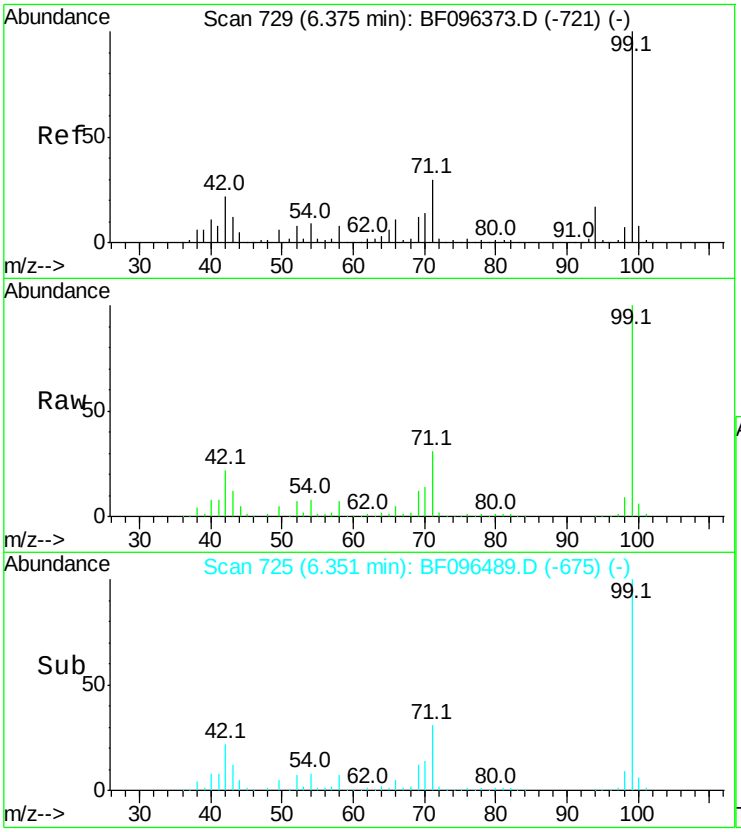


#5
2-Fluorophenol
Concen: 88.78 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:112 Resp: 633553

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	32.9	23.4	35.0



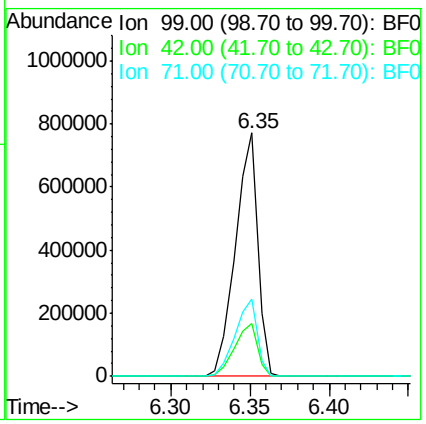


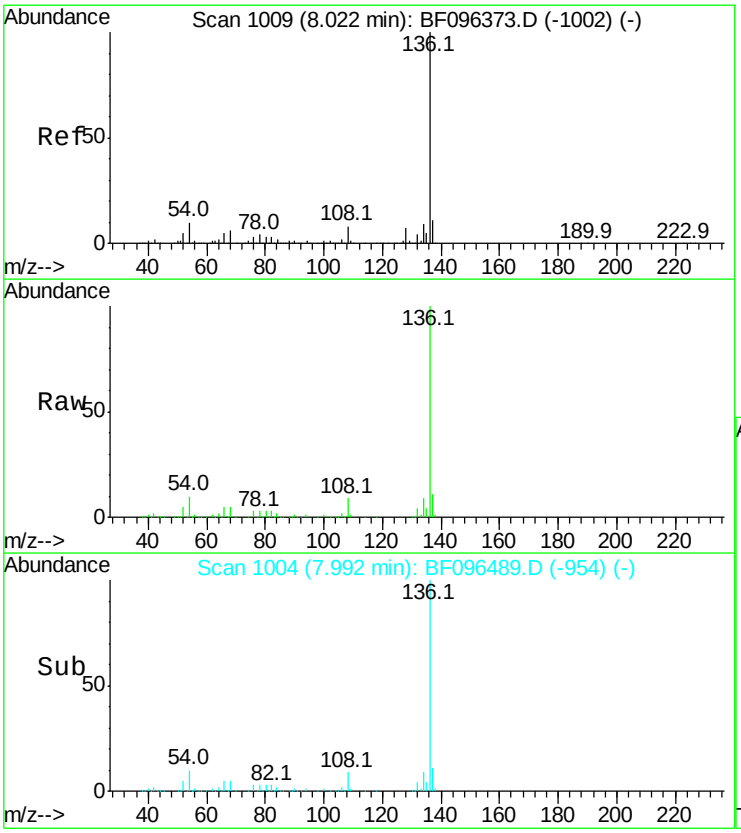
#7
Phenol-d6
Concen: 85.77 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion: 99 Resp: 752467

Ion	Ratio	Lower	Upper
99	100		
42	21.6	13.5	20.3#
71	31.5	24.5	36.7

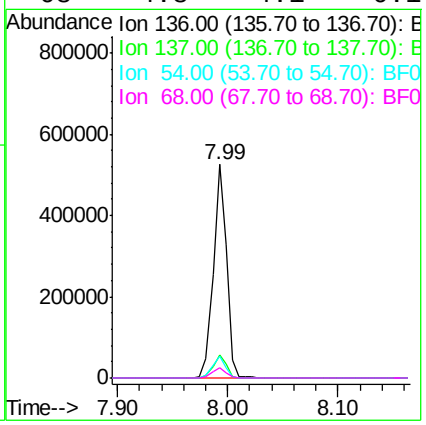


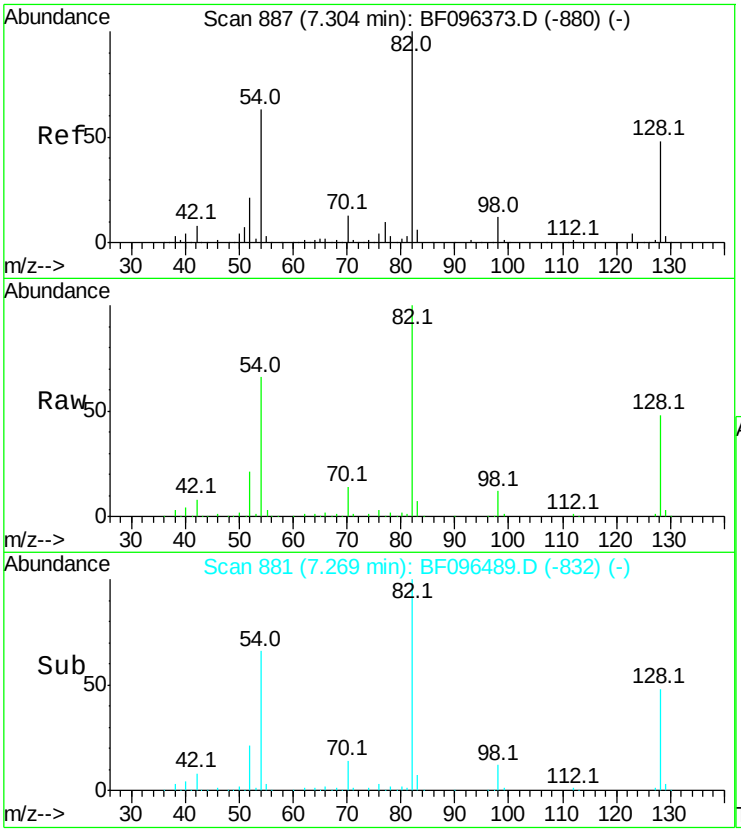


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:136 Resp: 431313

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.0	4.9	7.3#
68	4.8	4.1	6.1



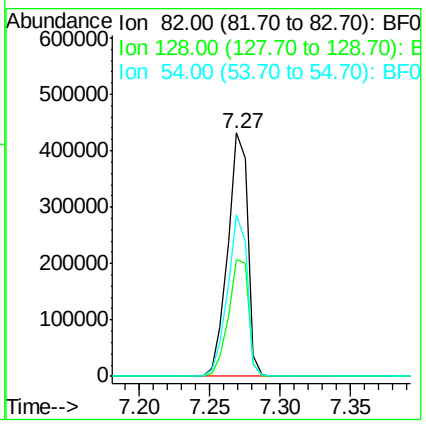


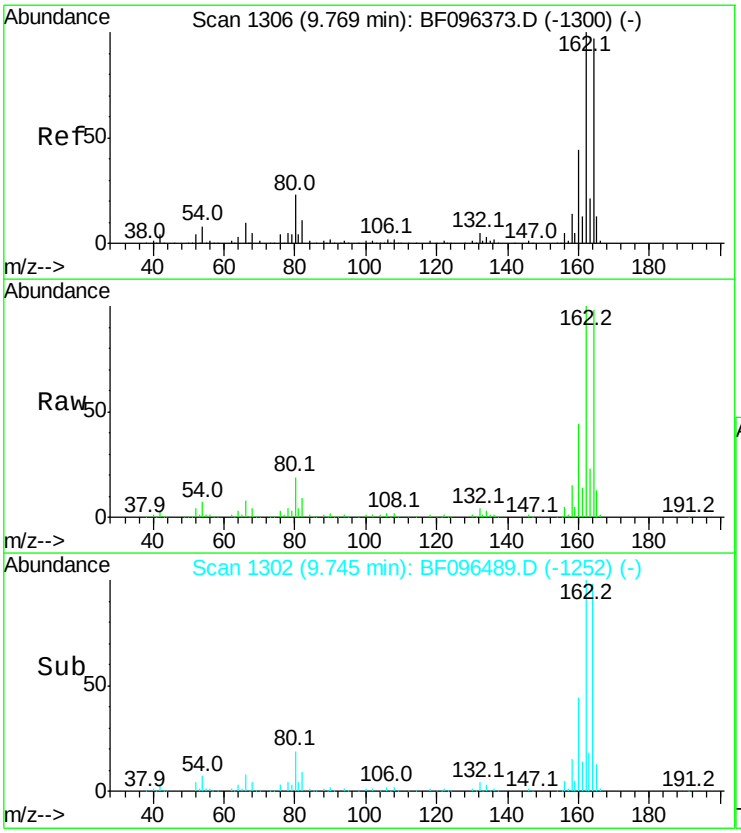
#23
Nitrobenzene-d5
Concen: 59.39 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion: 82 Resp: 426271

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	66.4	42.2	63.2#

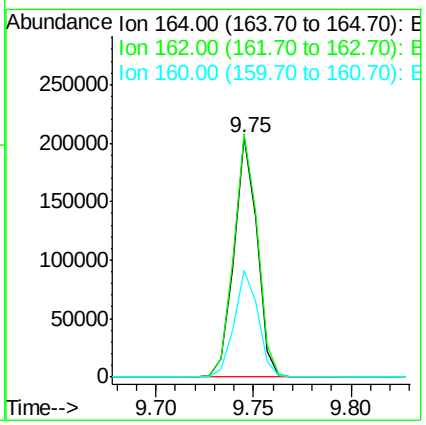


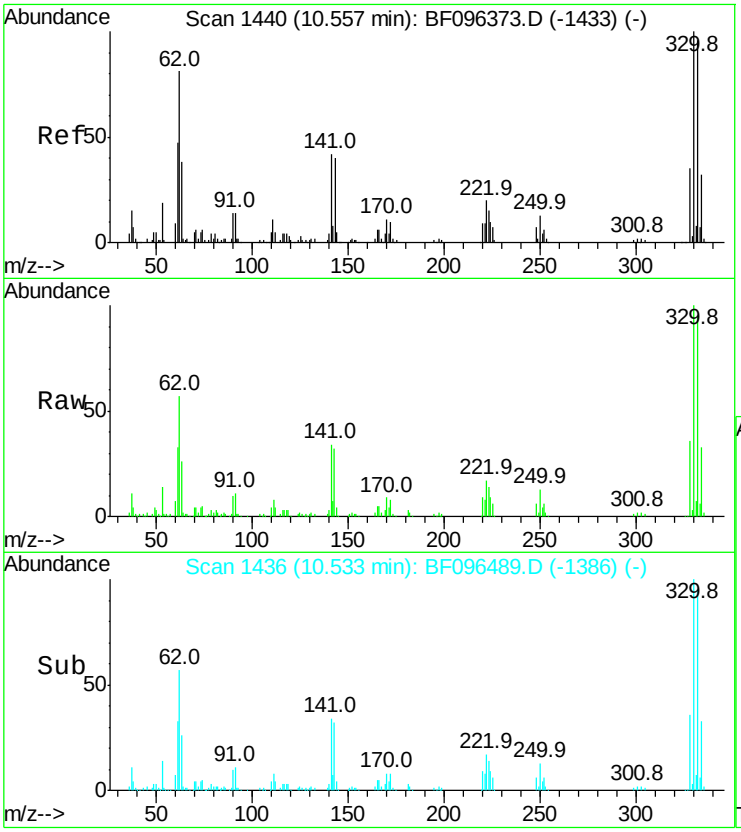


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:164 Resp: 168466

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.8	36.2	54.2



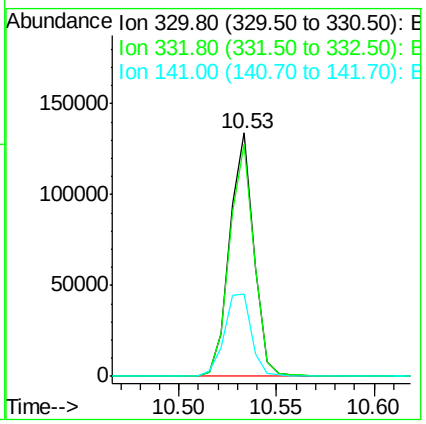


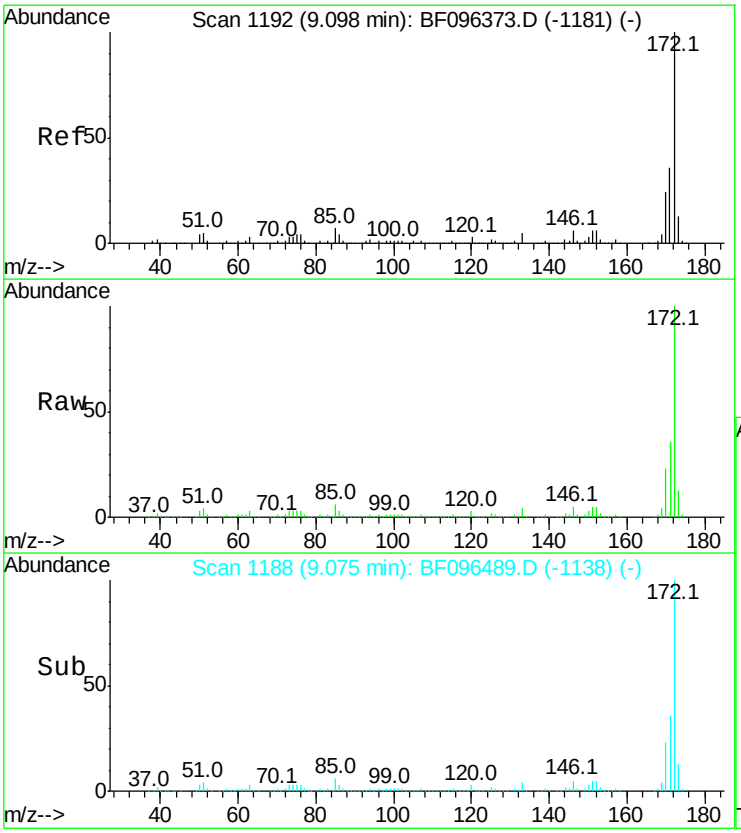
#41
2,4,6-Tribromophenol
Concen: 87.52 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:330 Resp: 115164

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.0	31.4	47.2

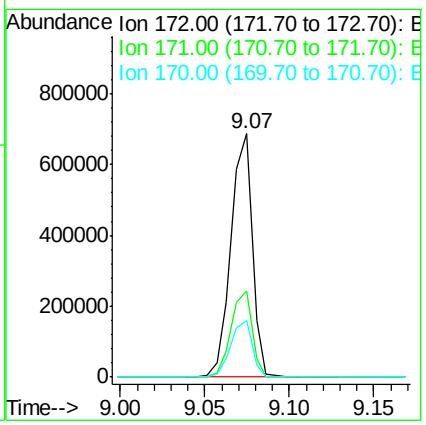


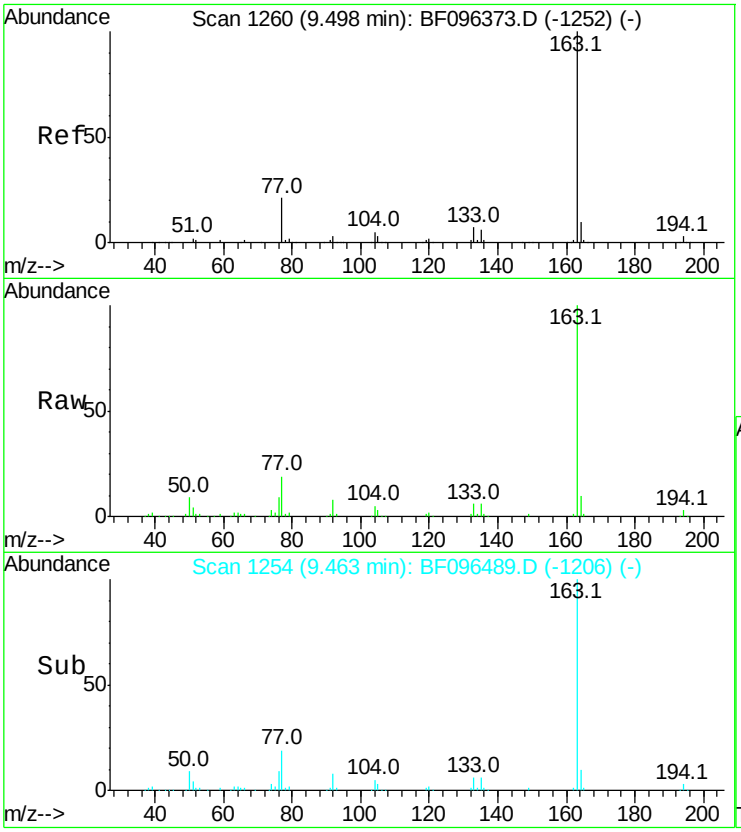


#44
2-Fluorobiphenyl
Concen: 61.18 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:172 Resp: 602778

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.5	19.8	29.8



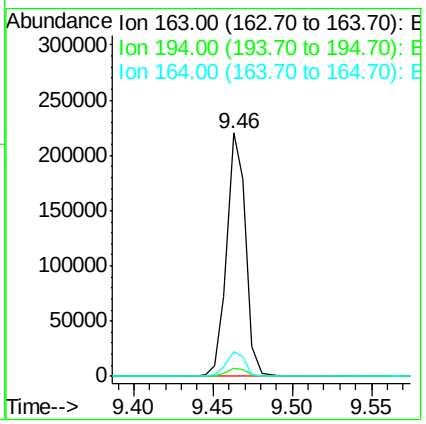


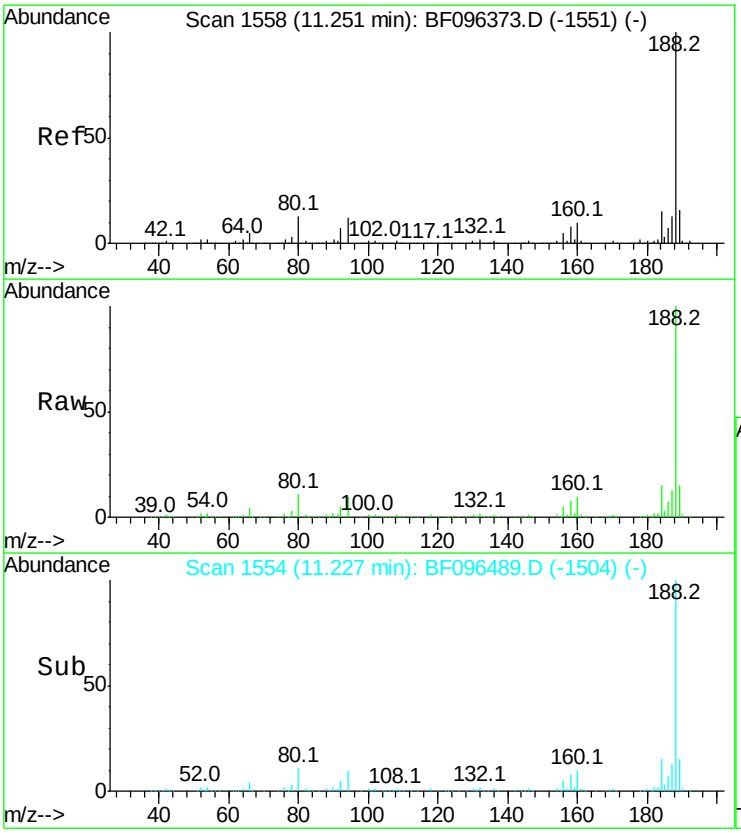
#49
Dimethylphthalate
Concen: 14.48 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:163 Resp: 182114

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.4	12.6

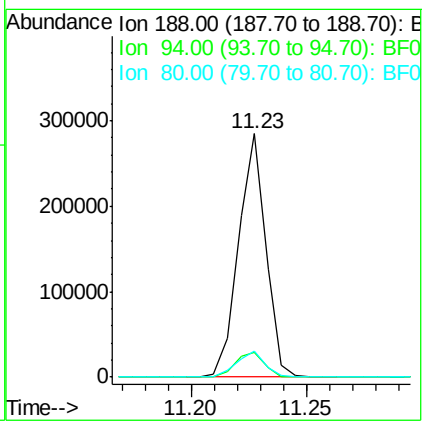


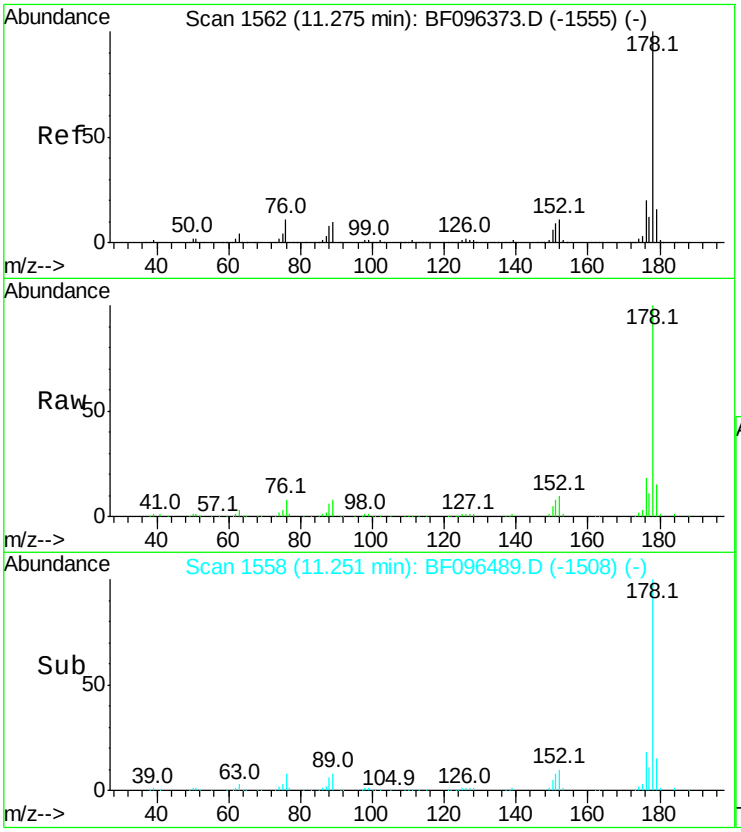


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:188 Resp: 235063

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.6	10.2	15.2



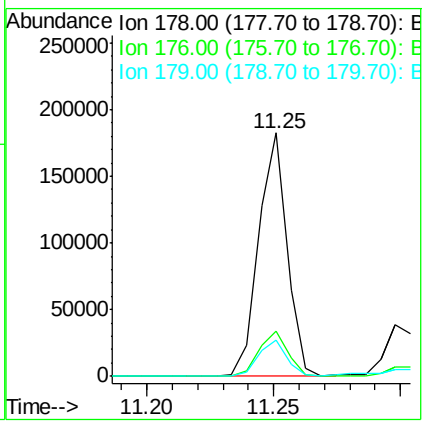


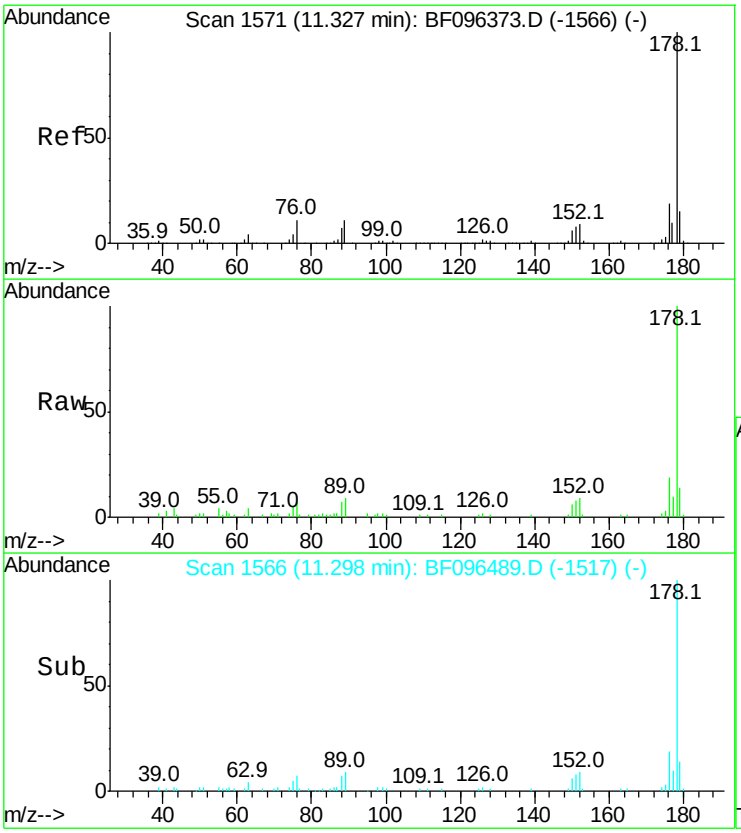
#70
Phenanthrene
Concen: 11.33 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:178 Resp: 144008

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	14.7	12.6	19.0

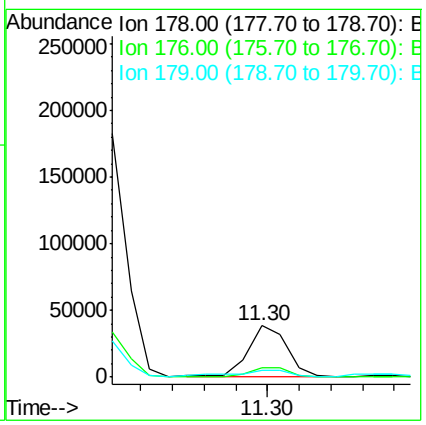


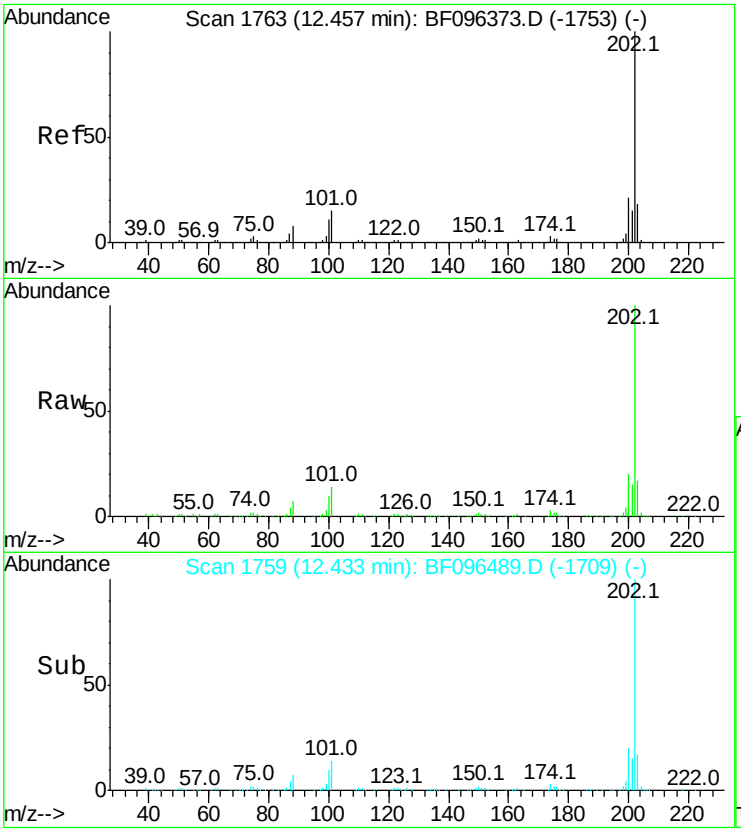


#71
Anthracene
Concen: 2.48 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:178 Resp: 32142

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	13.6	12.7	19.1



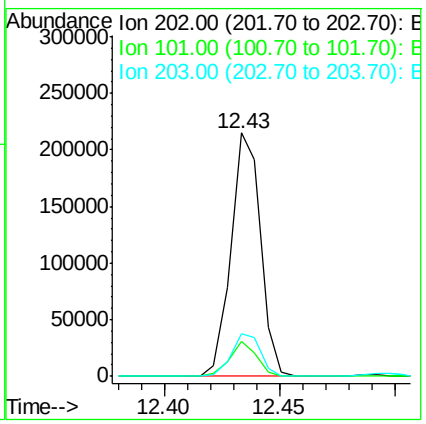


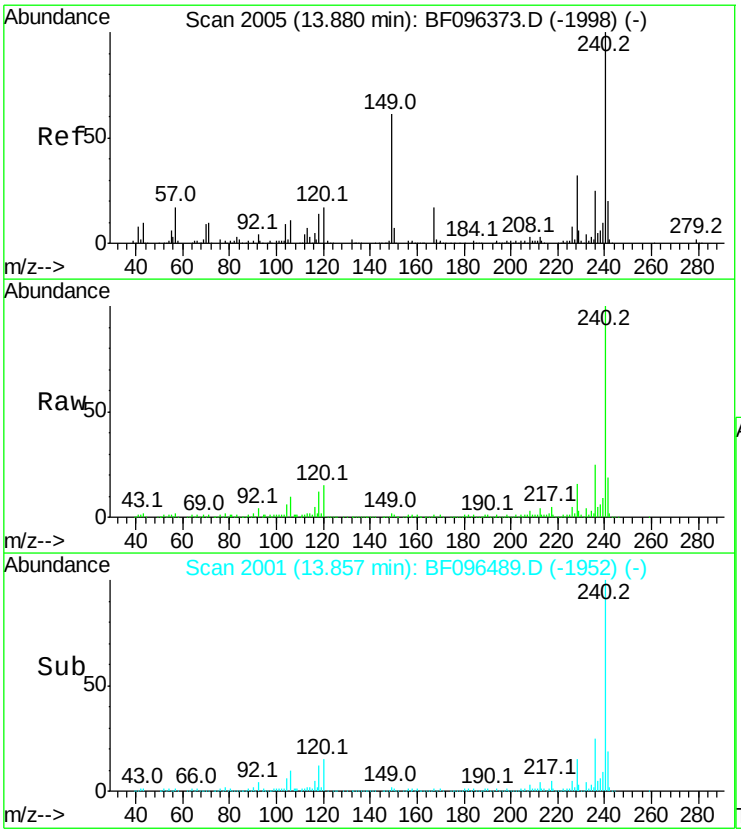
#74
Fluoranthene
Concen: 15.43 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:202 Resp: 192289

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.3	0.0	38.1

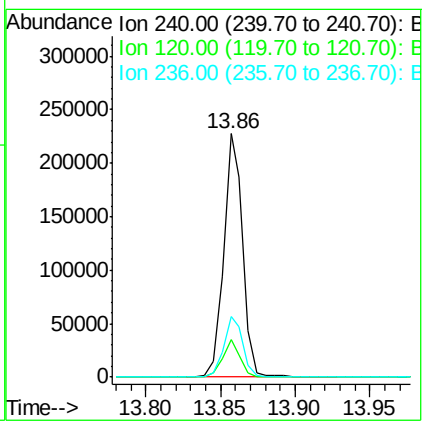


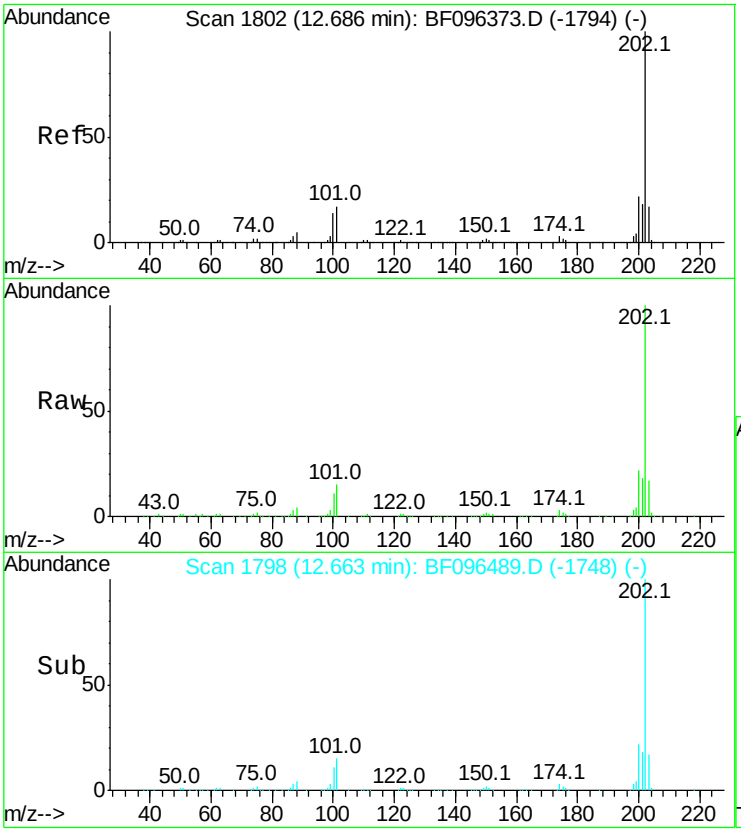


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:240 Resp: 204008

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.7	20.5	30.7



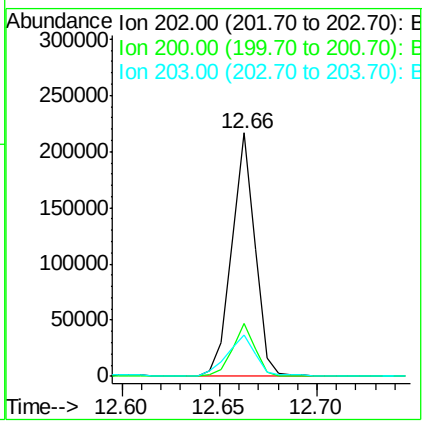


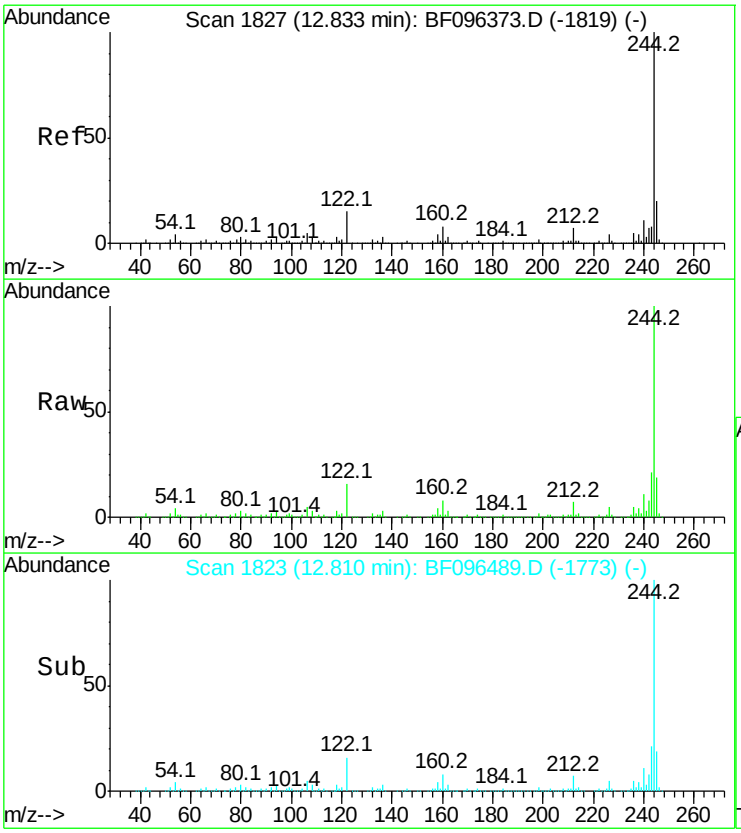
#77
Pyrene
Concen: 11.00 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:202 Resp: 180138

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.1	14.4	21.6

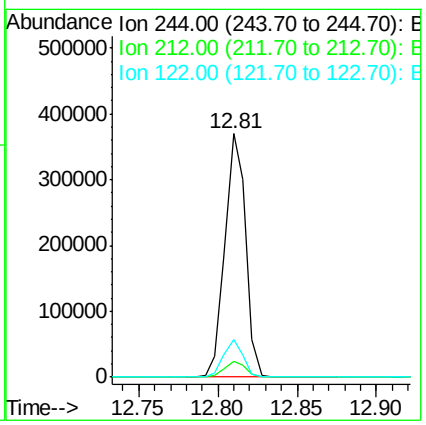


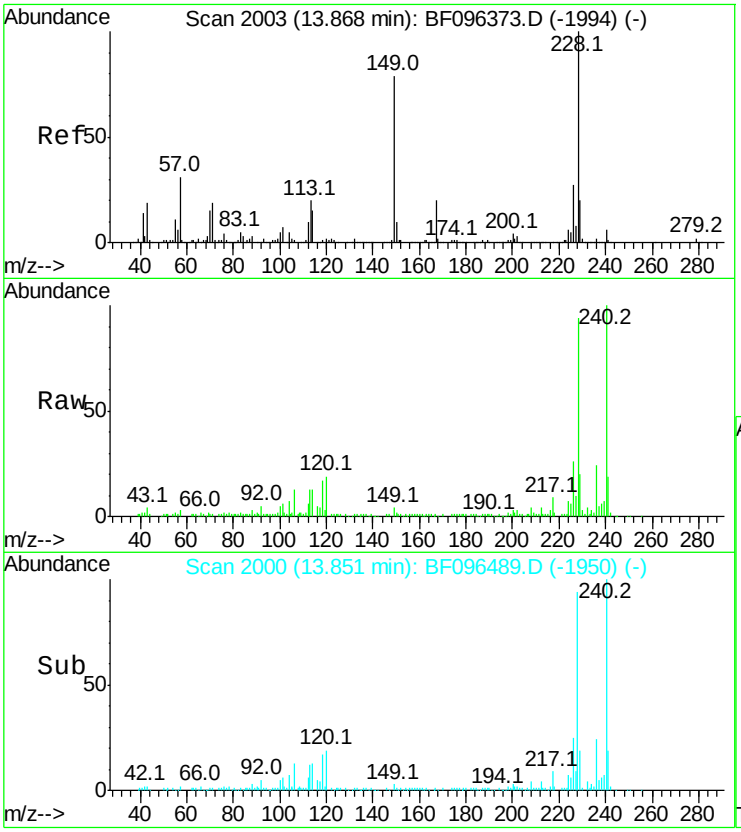


#78
Terphenyl-d14
Concen: 35.02 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:244 Resp: 334310

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	15.6	10.3	15.5#



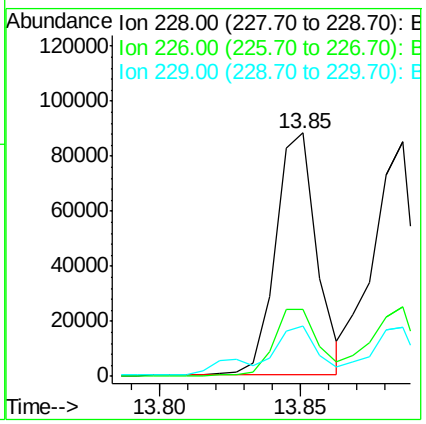


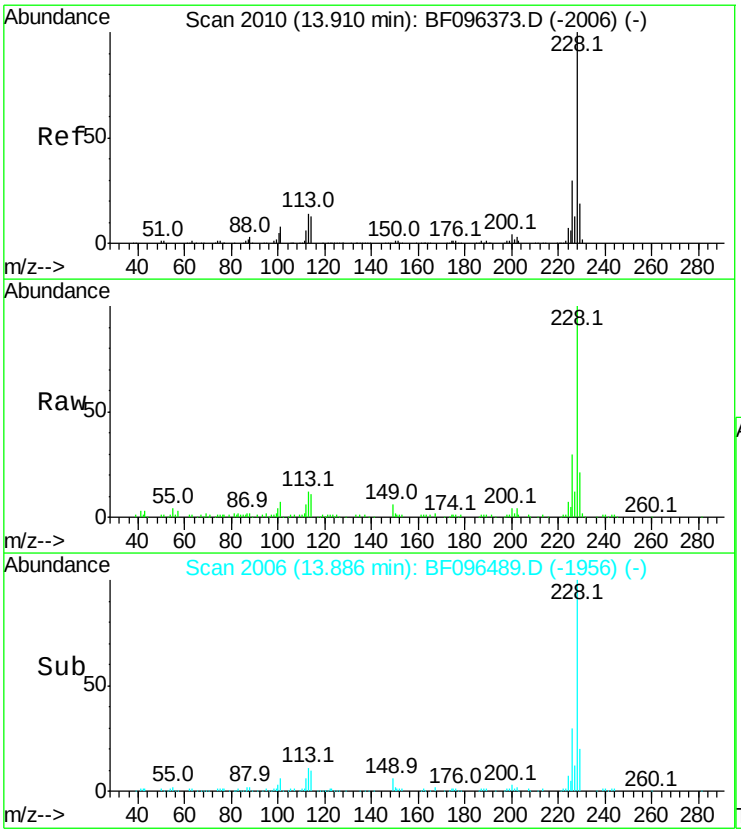
#80
Benzo(a)anthracene
Concen: 7.55 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:228 Resp: 89151

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.8	16.3	24.5

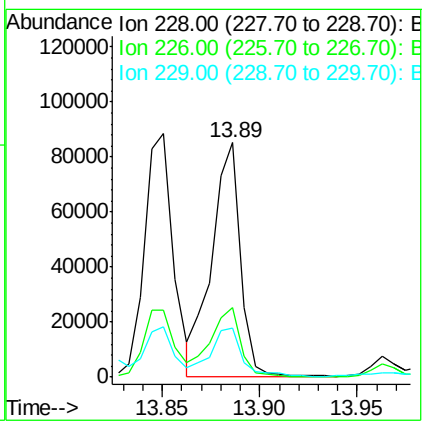


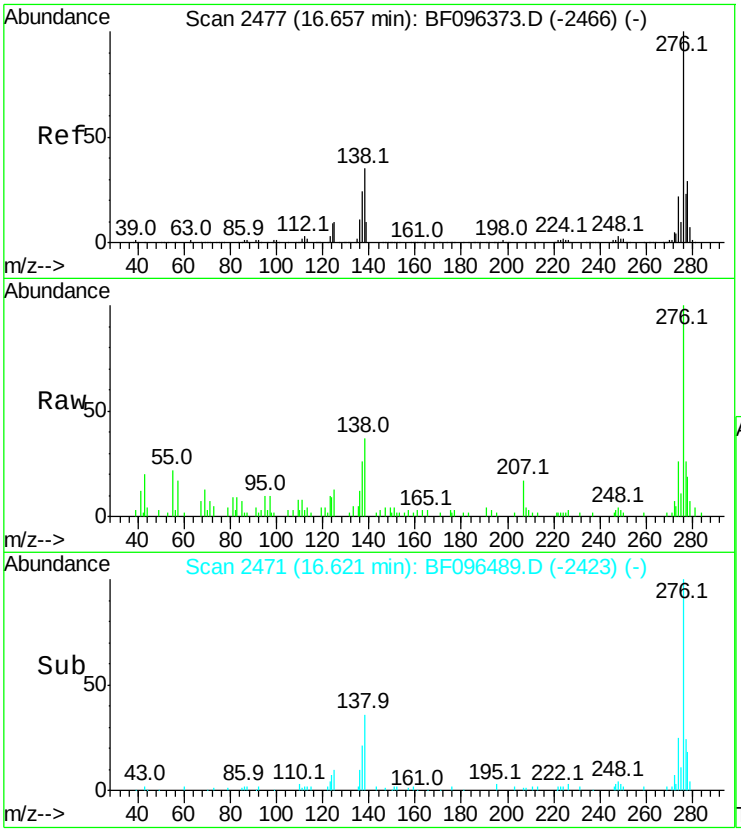


#82
Chrysene
Concen: 6.98 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:228 Resp: 86412

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	20.9	15.8	23.6



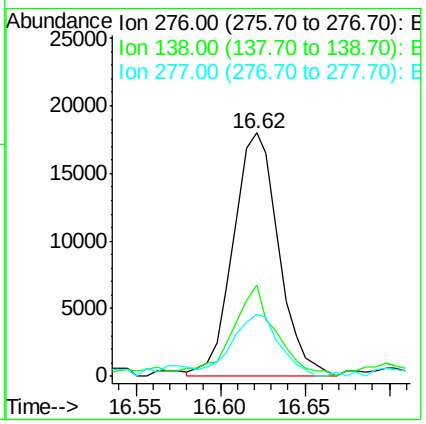


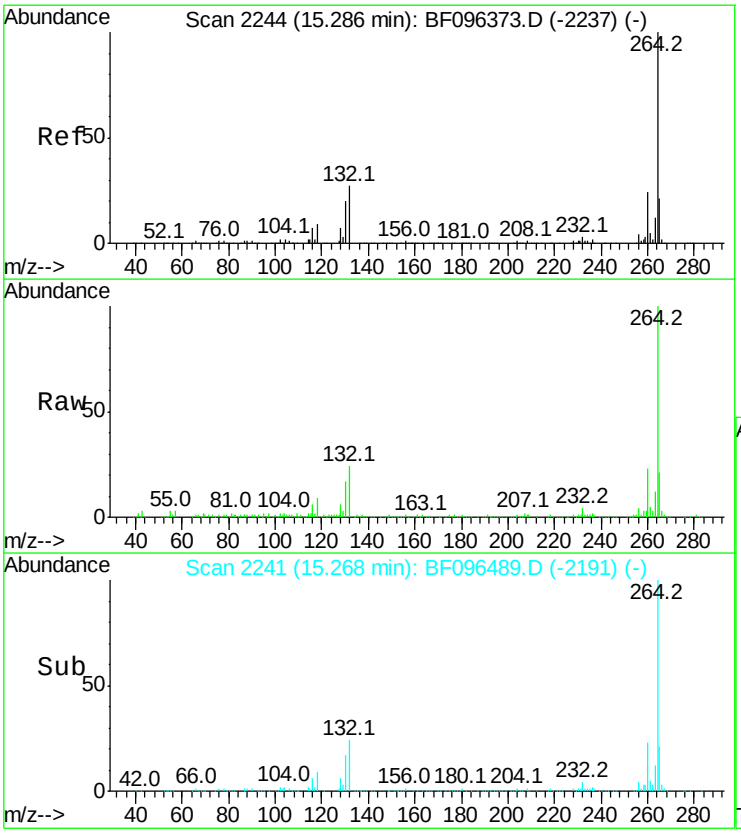
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.45 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:276 Resp: 33679

Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	26.7	20.2	30.4

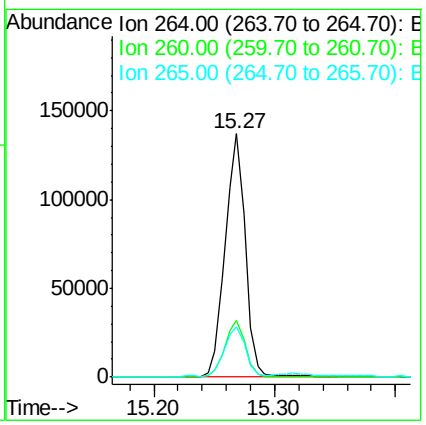


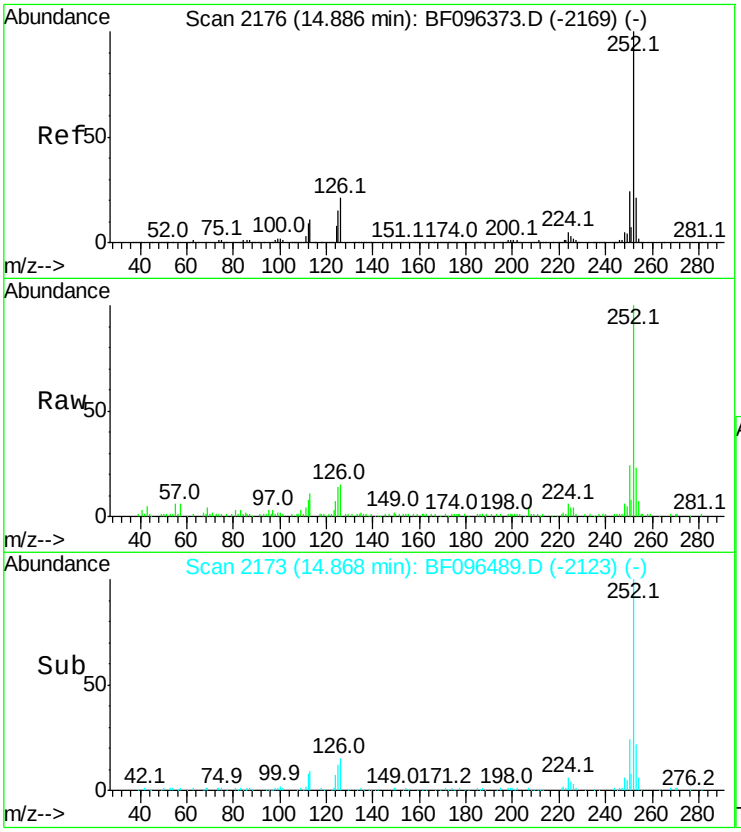


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:264 Resp: 159154

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.6	17.2	25.8



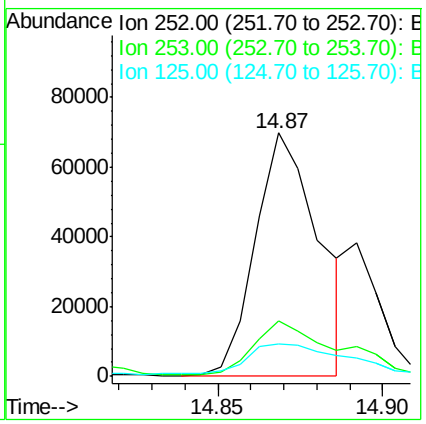


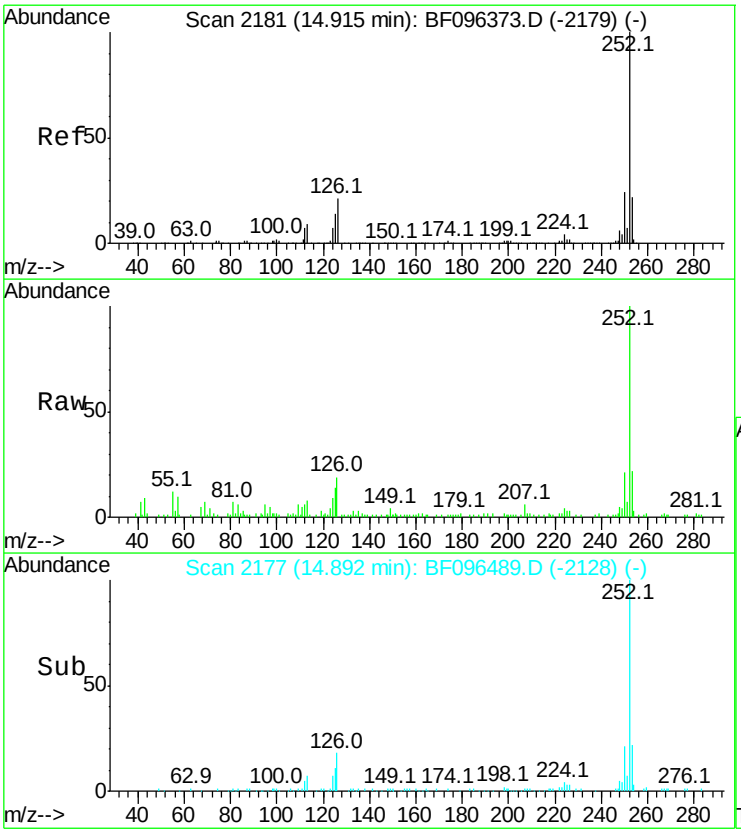
#87
Benzo(b)fluoranthene
Concen: 9.46 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:252 Resp: 94350

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.6	9.8	14.8

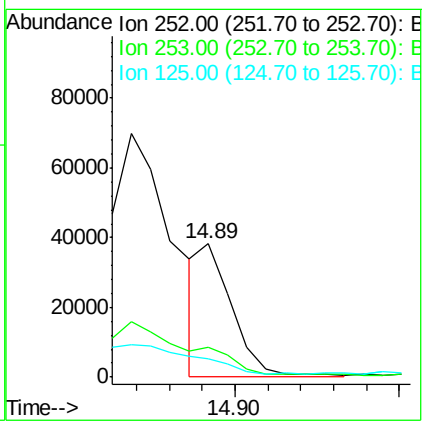


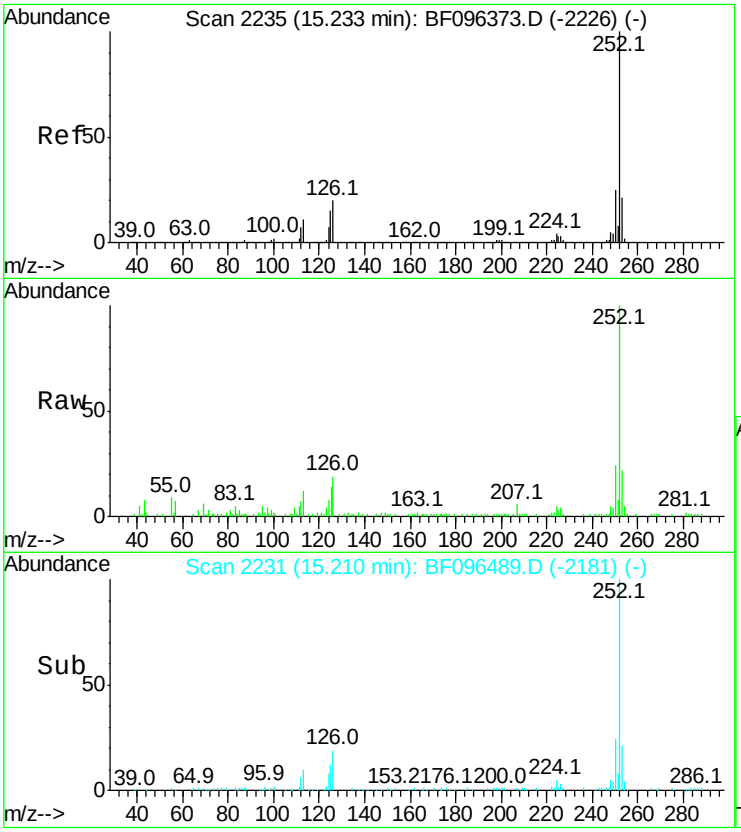


#88
Benzo(k)fluoranthene
Concen: 3.02 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:252 Resp: 26950

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.8	13.1	19.7



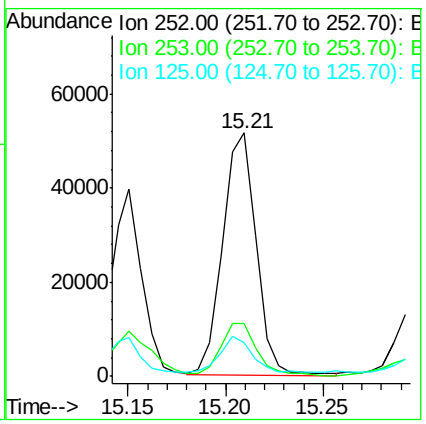


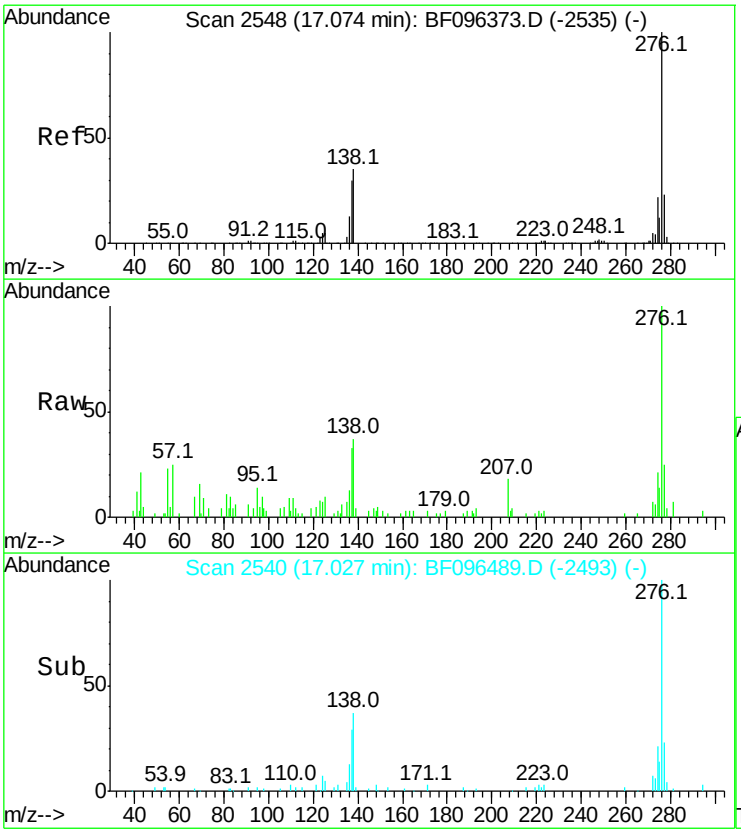
#89
Benzo(a)pyrene
Concen: 6.89 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Instrument :
BNA_F
ClientSampleId :
POSTEX-54-20170622

Tgt Ion:252 Resp: 61347

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.0	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.10 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF096489.D
Acq: 5 Jul 2017 17:38

Tgt Ion:276 Resp: 29750

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	28.0
138	36.5	25.4	38.0