Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096683.D
Acq On : 12 Jul 2017 10:15
Operator : SJ/JU
Sample : I4609-05RE 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 14:41:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	104449	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	327794	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	119922	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	238621	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	255853	20.00	ng		-0.02
86) Perylene-d12	15.23	264	146818	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	306369	43.29	ng		-0.02
7) Phenol-d6	6.32	99	336974	38.73	ng		-0.02
23) Nitrobenzene-d5	7.25	82	165450	30.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	50724	54.15	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	276721	39.45	ng		-0.02
78) Terphenyl-d14	12.78	244	264626	22.10	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.25	82	160299	15.156	ng	#	68
49) Dimethylphthalate	9.43	163	31677	3.538	ng	#	98
70) Phenanthrene	11.22	178	84568	6.556	ng		96
74) Fluoranthene	12.40	202	156372	12.364	ng		97
77) Pyrene	12.63	202	153615	7.480	ng		99
80) Benzo(a)anthracene	13.82	228	79170	5.344	ng		94
82) Chrysene	13.85	228	66658	4.296	ng		96
87) Benzo(b)fluoranthene	14.83	252	88346	9.603	ng	#	91
88) Benzo(k)fluoranthene	14.83	252	88346	10.736	ng		96
89) Benzo(a)pyrene	15.17	252	41008	4.993	ng	#	81
91) Benzo(g,h,i)perylene	16.98	276	20470	3.057	ng		93

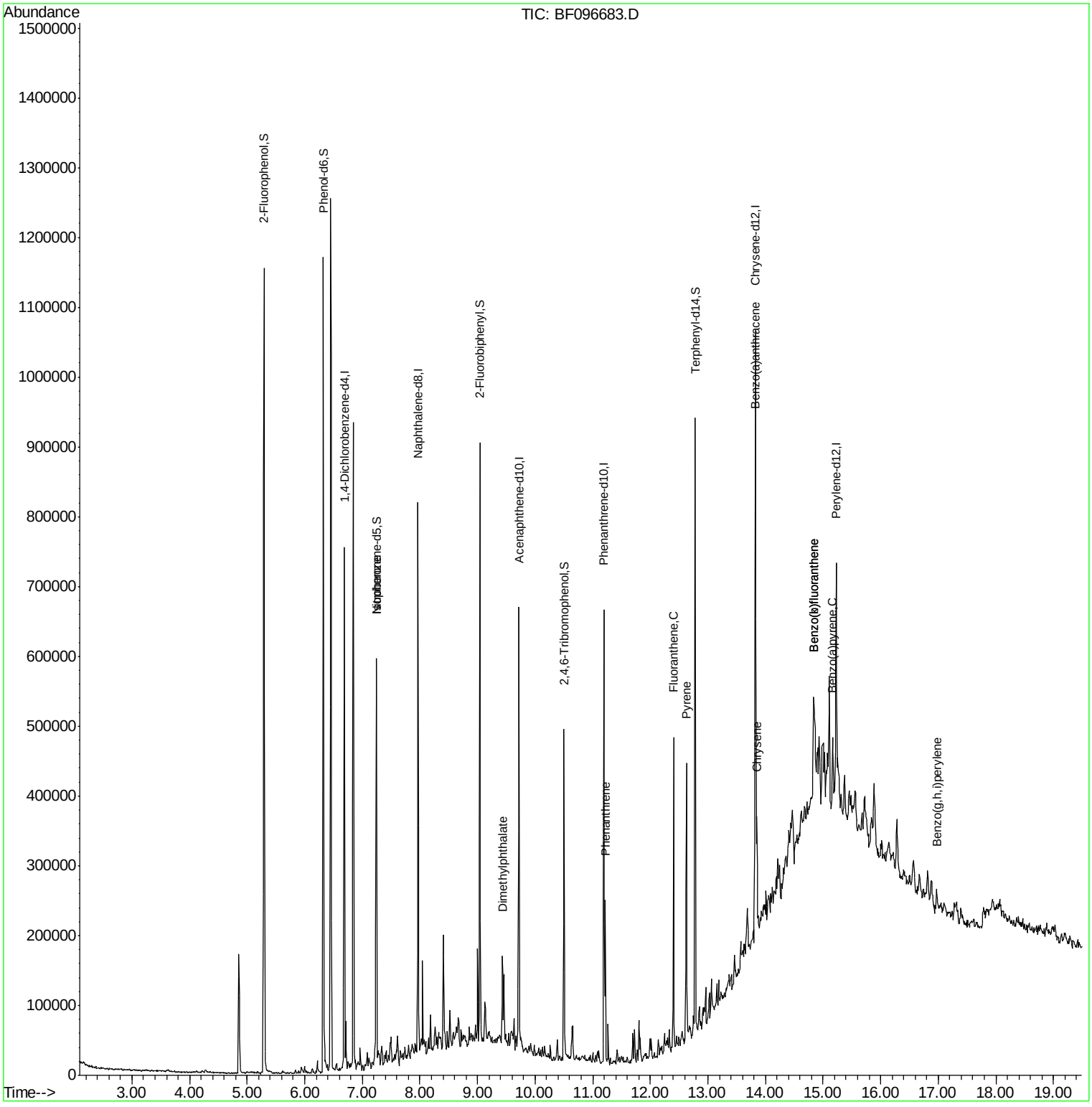
(#) = qualifier out of range (m) = manual integration (+) = signals summed

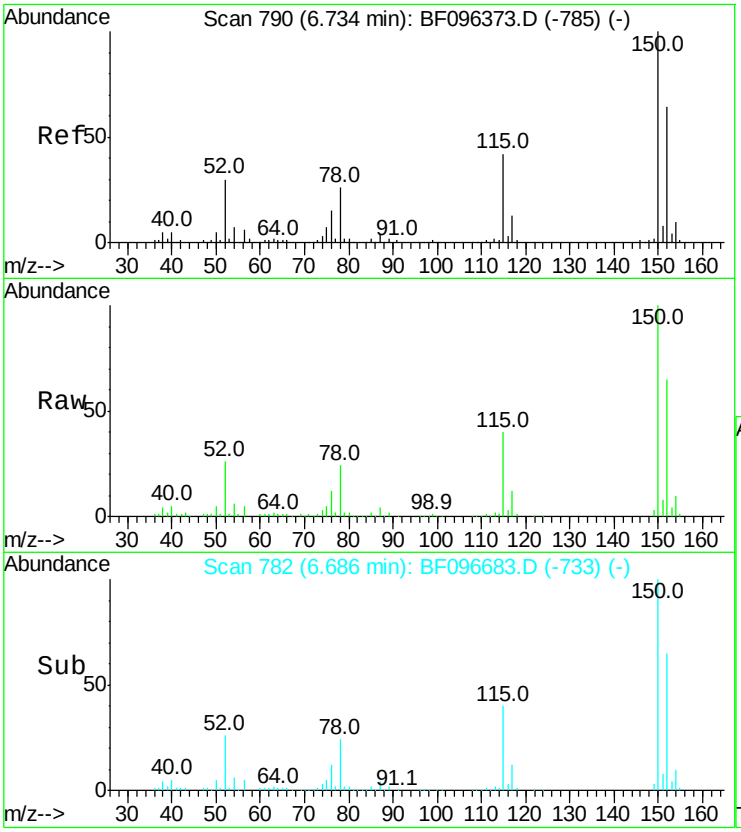
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
Data File : BF096683.D
Acq On : 12 Jul 2017 10:15
Operator : SJ/JU
Sample : I4609-05RE 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 12 14:41:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration



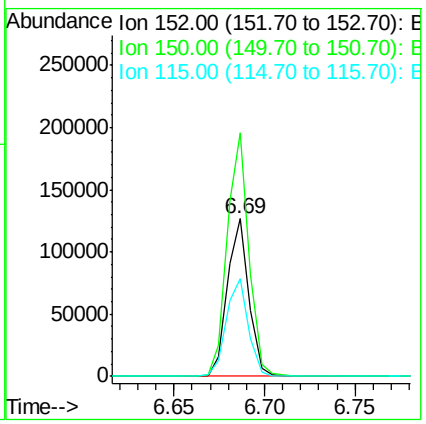


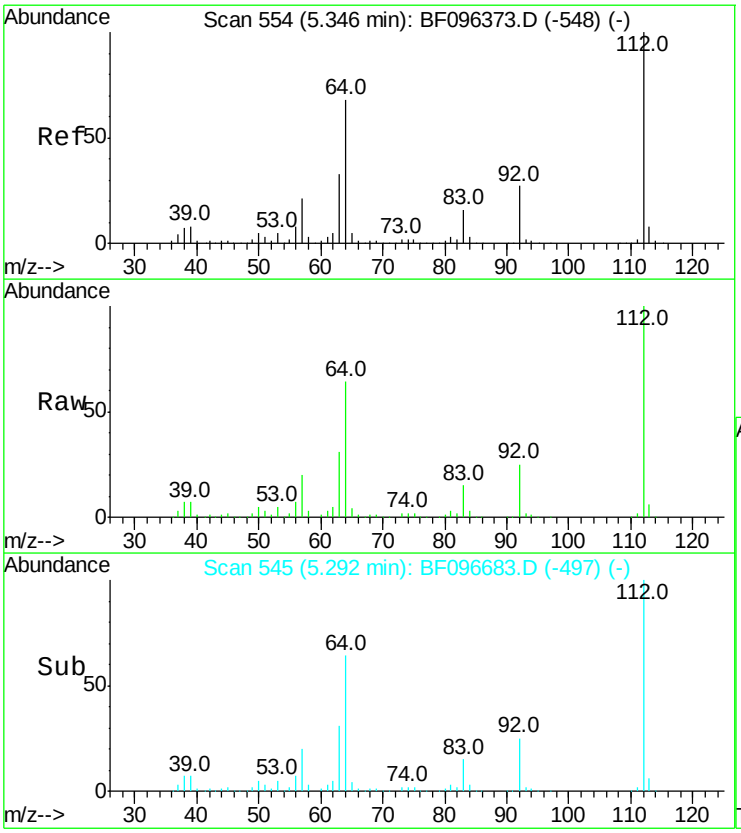
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104449

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	61.9	52.2	78.2

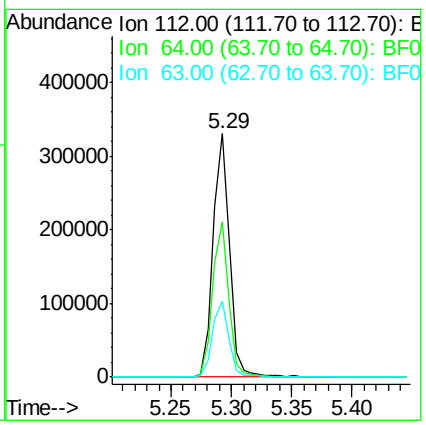


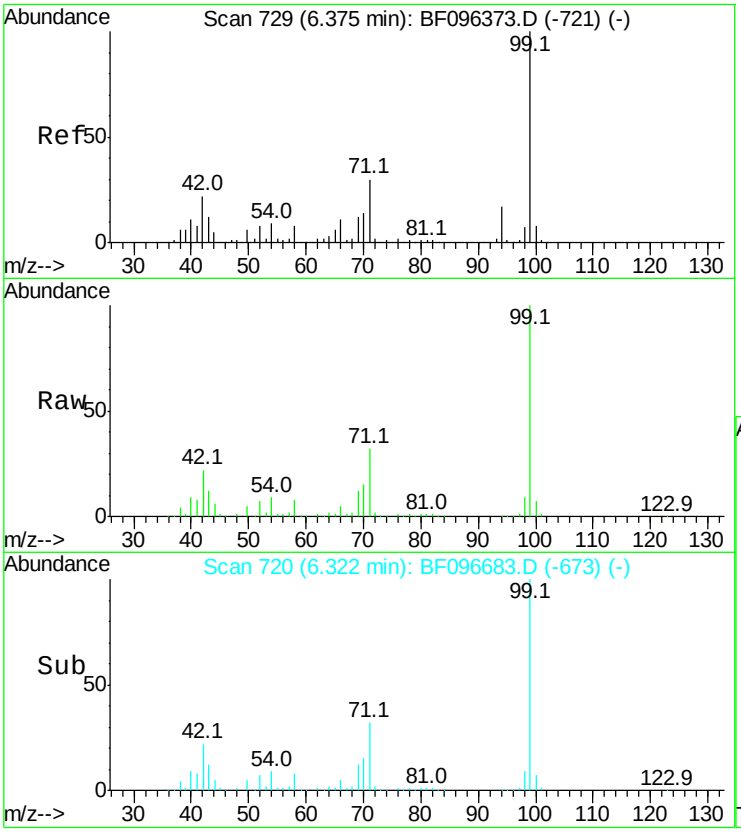


#5
2-Fluorophenol
Concen: 43.293 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:112 Resp: 306369

Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.0	69.0
63	31.0	23.4	35.0



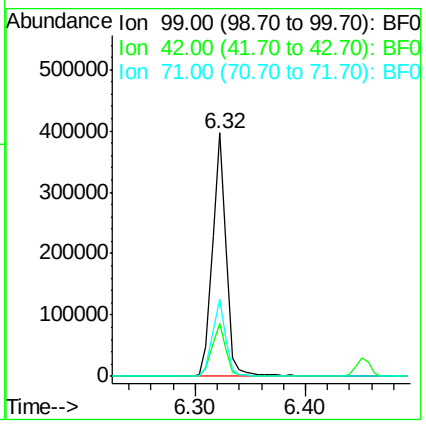


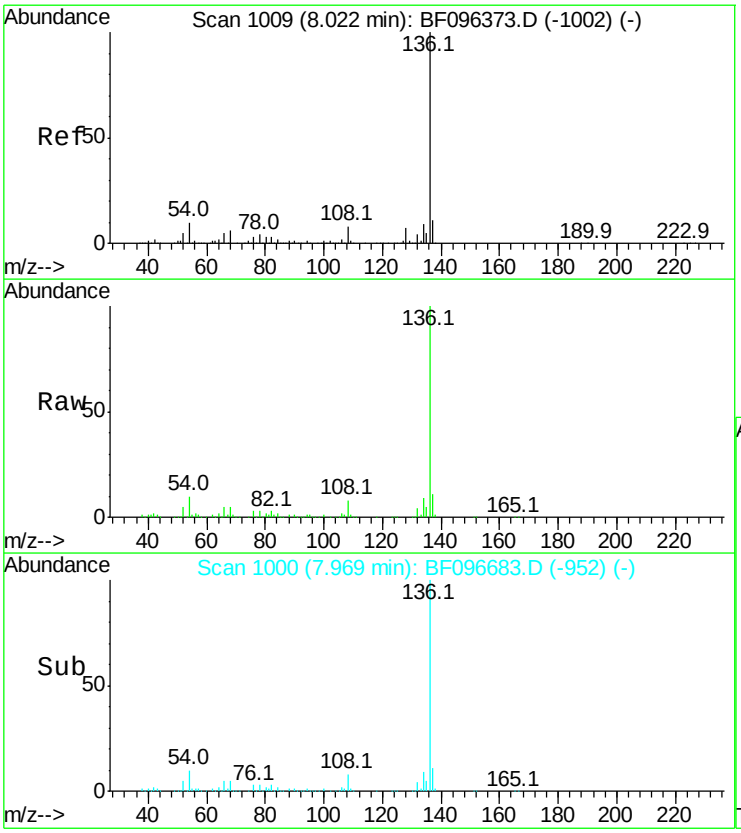
#7
Phenol-d6
Concen: 38.734 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 336974

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.7	24.5	36.7

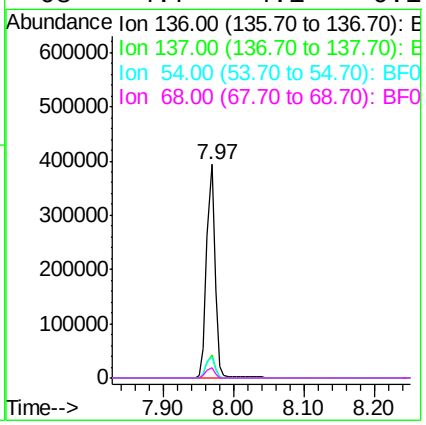


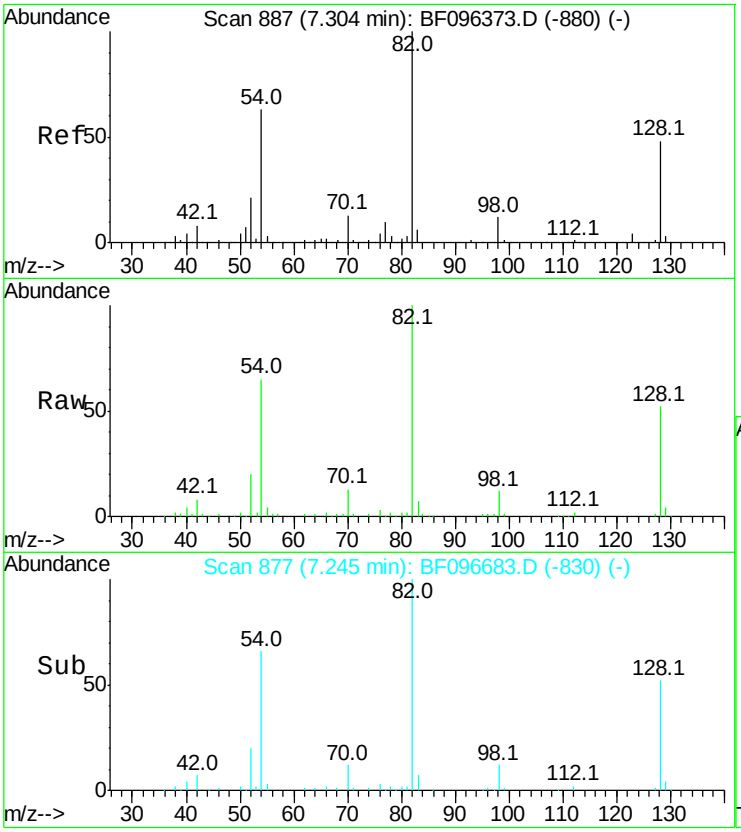


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:136 Resp: 327794

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.6	4.9	7.3#
68	4.7	4.1	6.1

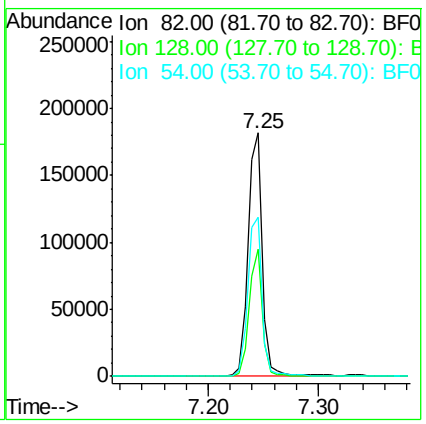




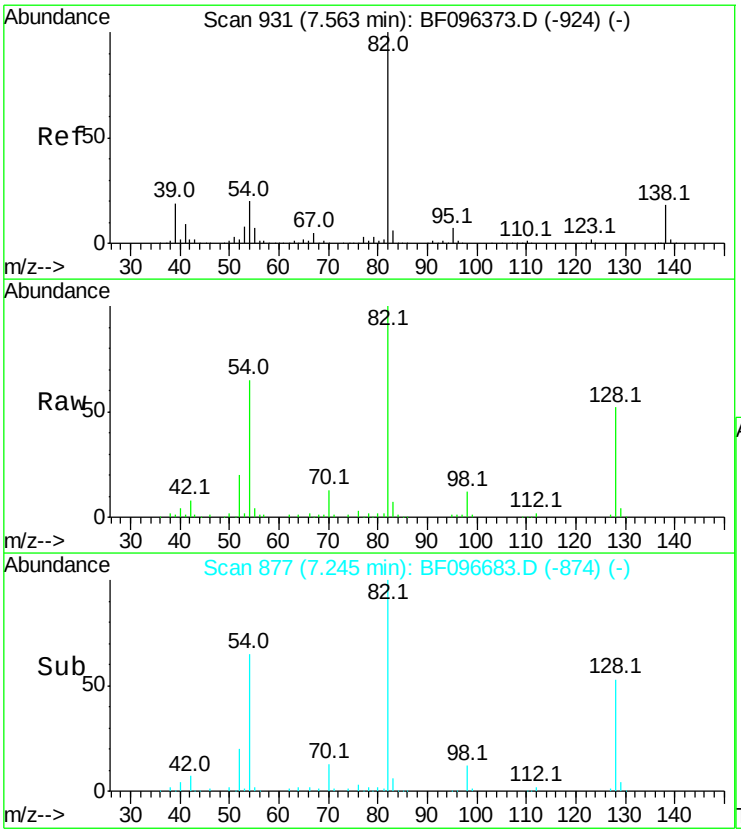
#23
Nitrobenzene-d5
Concen: 30.330 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion: 82 Resp: 165450

Ion	Ratio	Lower	Upper
82	100		
128	52.1	34.0	51.0#
54	65.5	42.2	63.2#



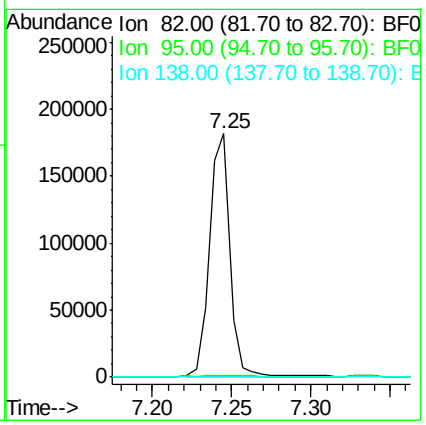
Instrument :
BNA_F
ClientSampleId :

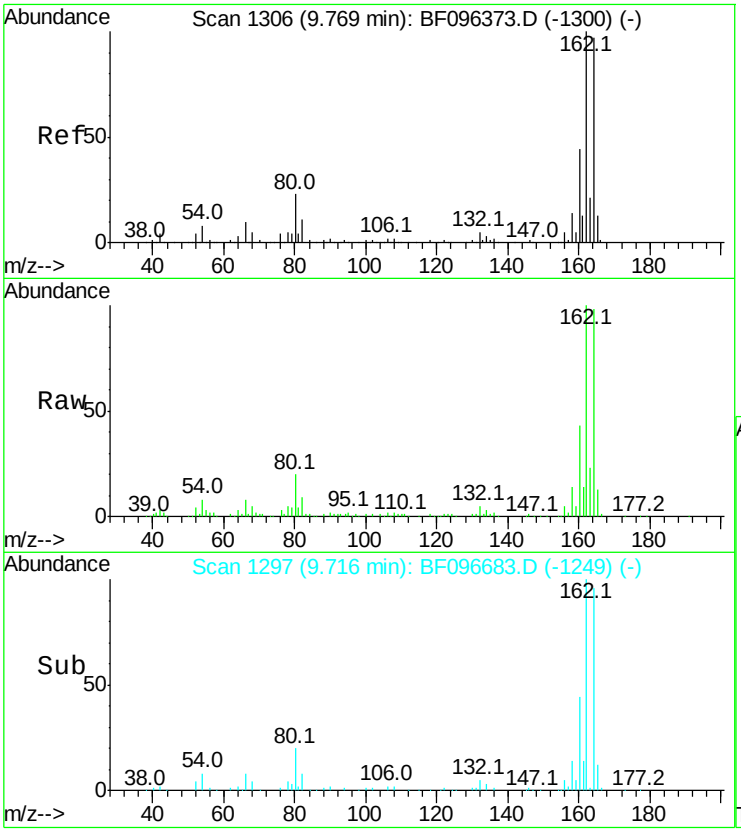


#25
Isophorone
Concen: 15.156 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.28 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion: 82 Resp: 160299

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.3	7.9#
138	0.0	13.1	19.7#



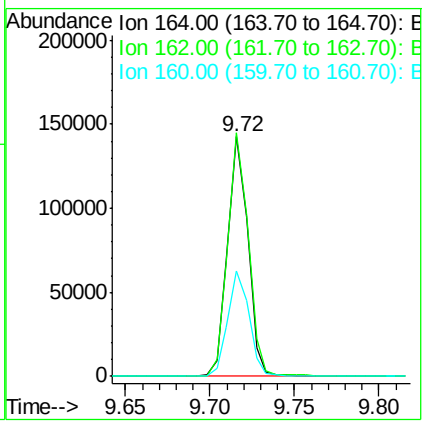


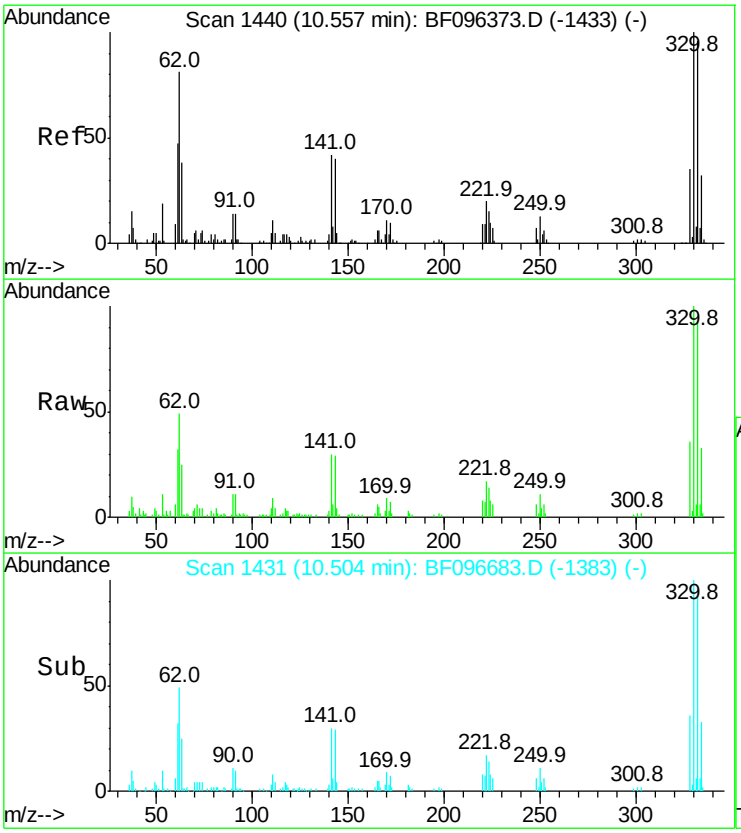
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 119922

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	44.2	36.2	54.2

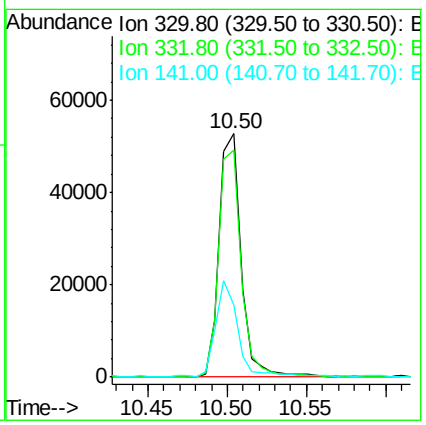


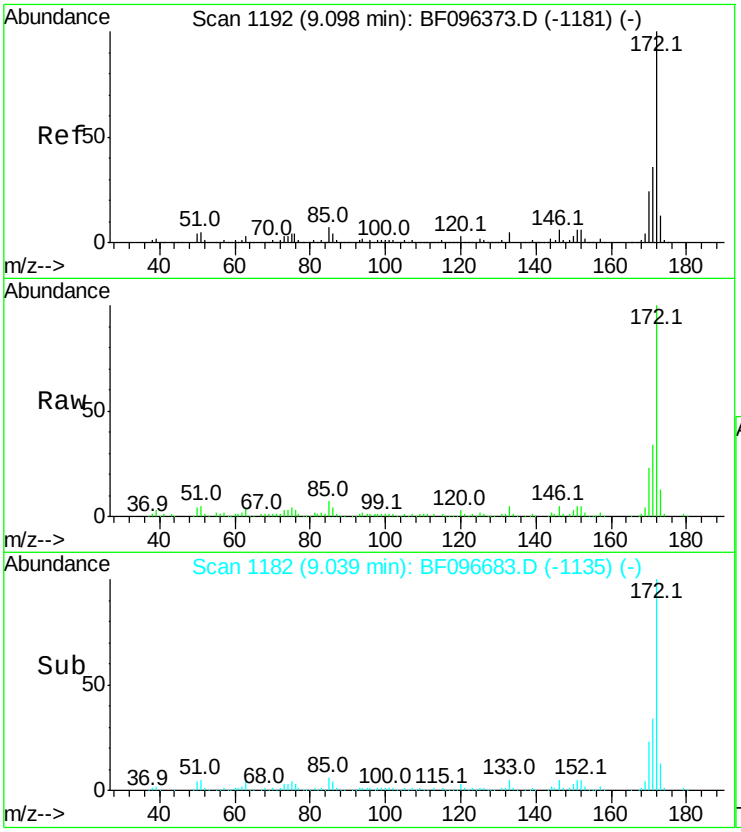


#41
2,4,6-Tribromophenol
Concen: 54.150 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:330 Resp: 50724

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	41.0	31.4	47.2



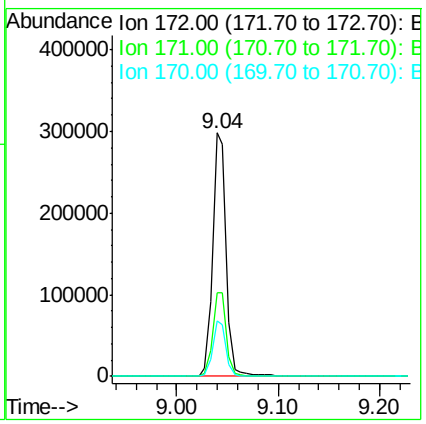


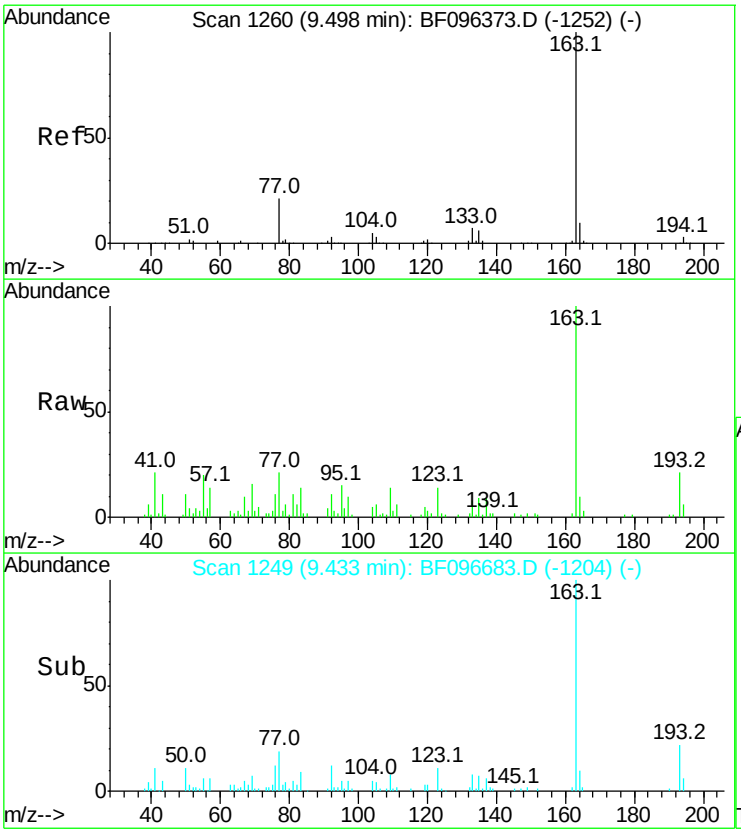
#44
2-Fluorobiphenyl
Concen: 39.453 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 276721

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	22.6	19.8	29.8

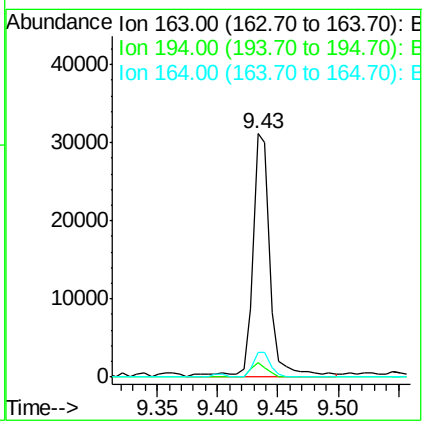


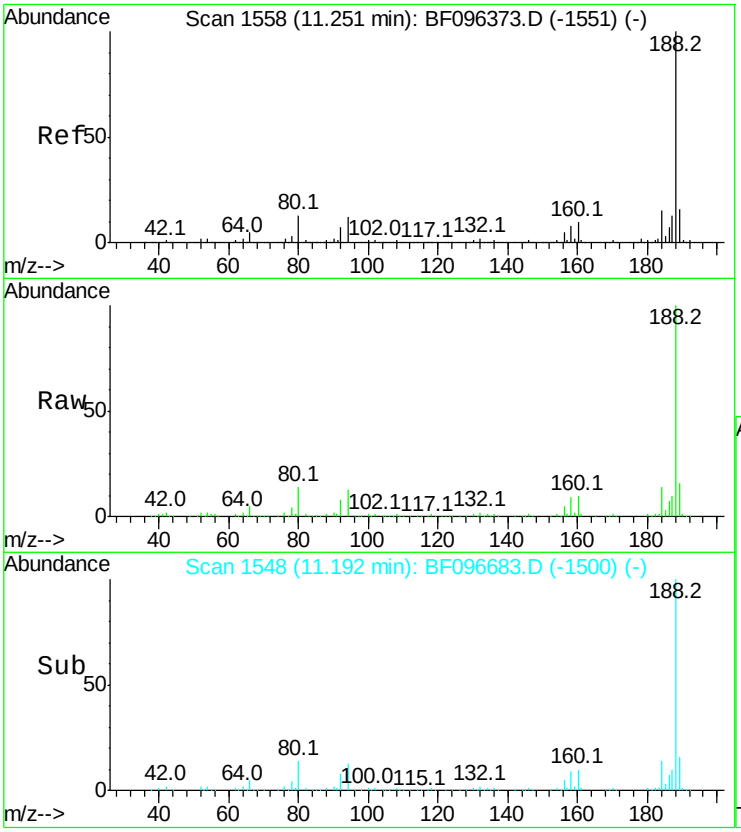


#49
Dimethylphthalate
Concen: 3.538 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:163 Resp: 31677

Ion	Ratio	Lower	Upper
163	100		
194	6.2	2.6	4.0#
164	10.4	8.4	12.6



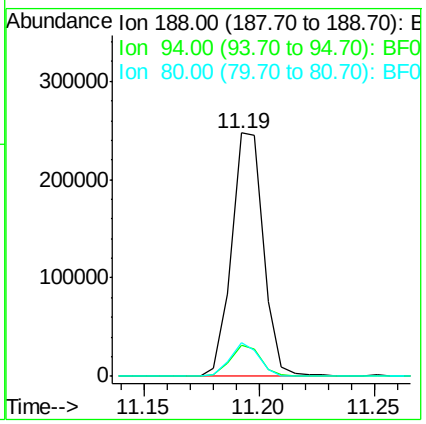


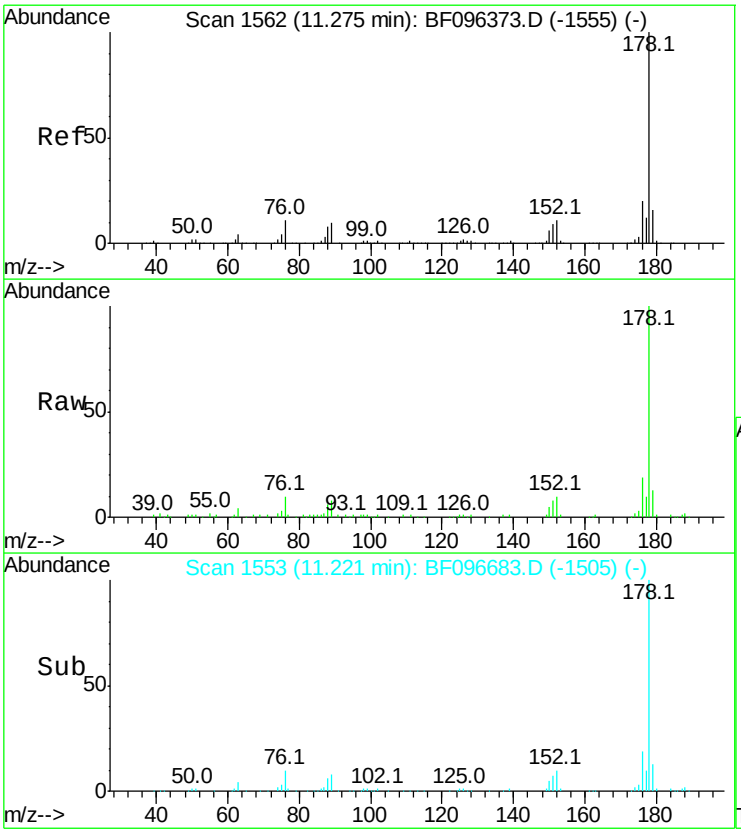
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 238621

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	13.6	10.2	15.2

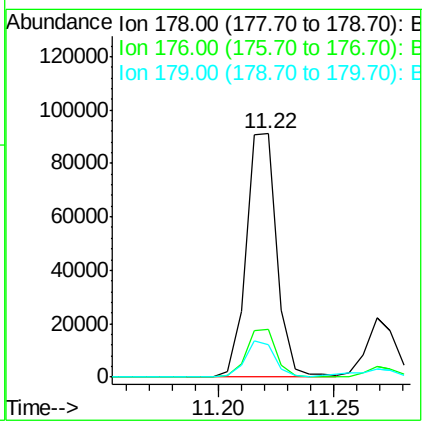


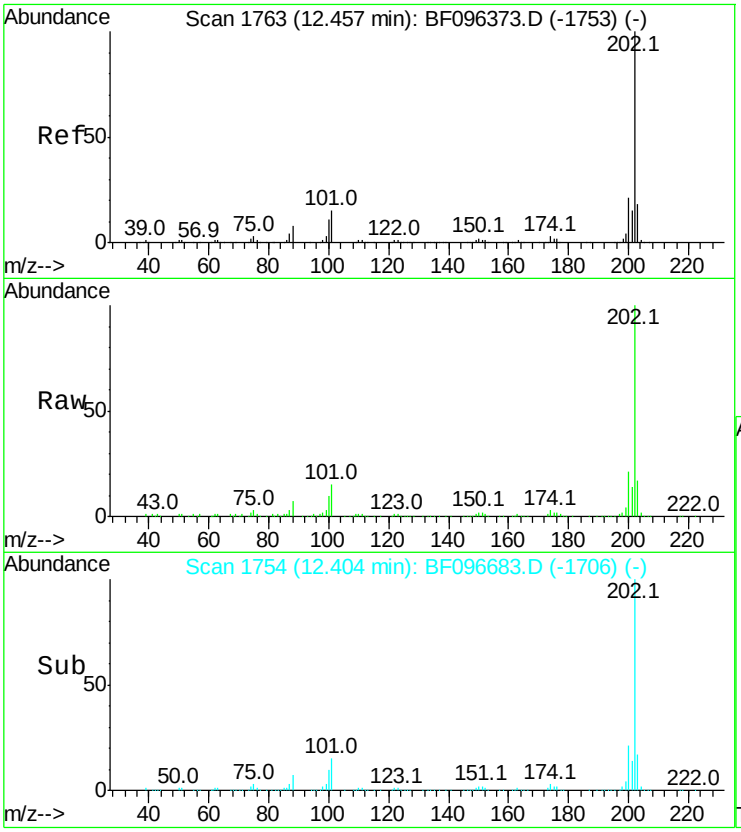


#70
Phenanthrene
Concen: 6.556 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:178 Resp: 84568

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	13.1	12.6	19.0



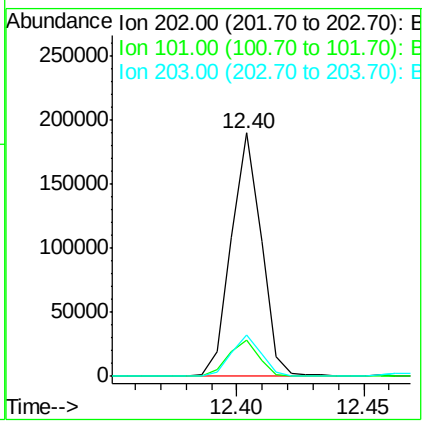


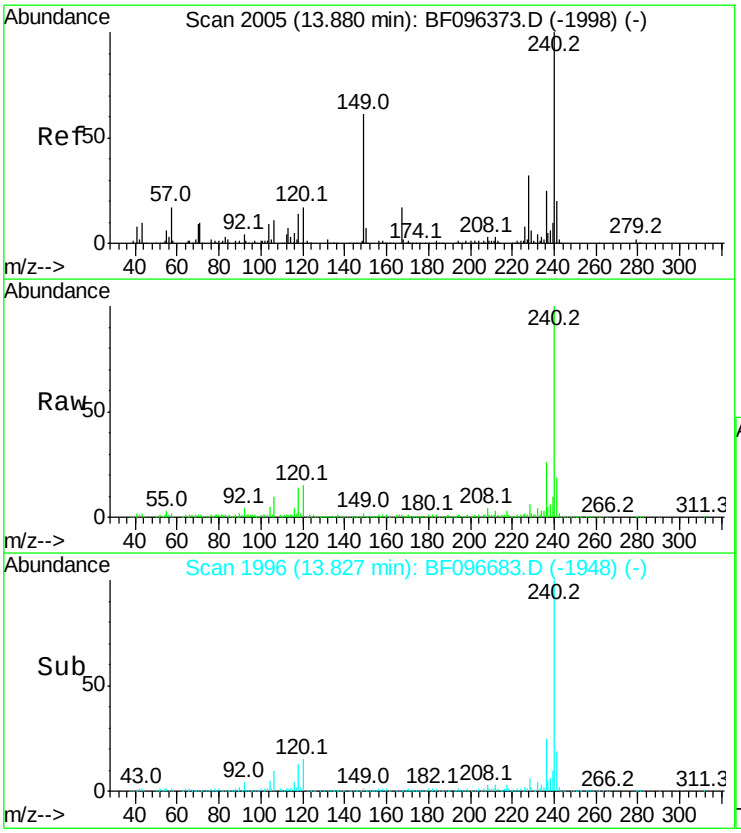
#74
Fluoranthene
Concen: 12.364 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 156372

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.1	0.0	38.1

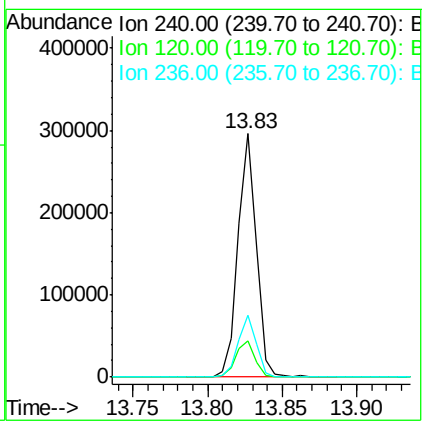


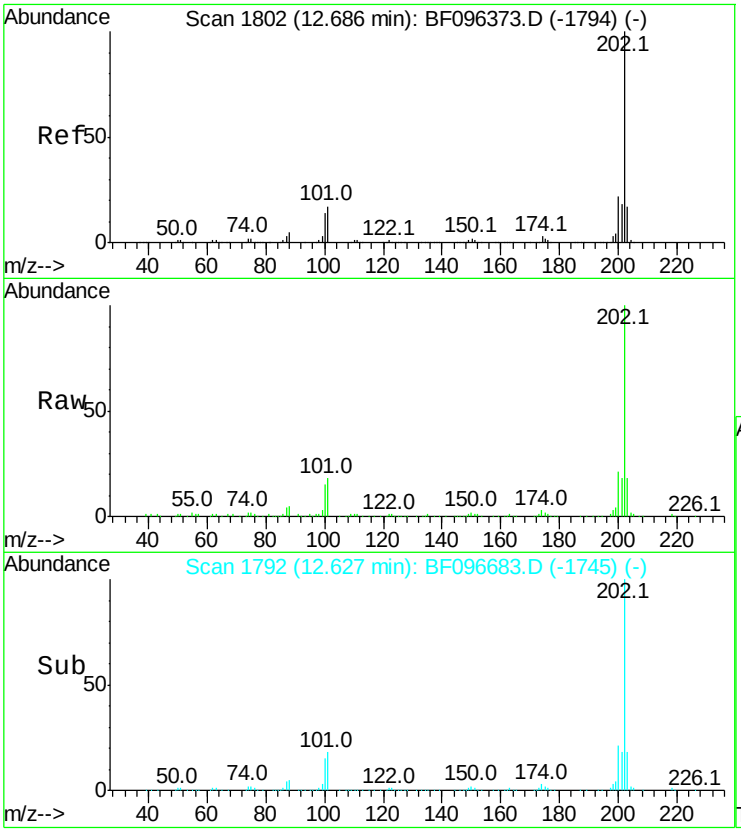


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:240 Resp: 255853

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.6	20.5	30.7



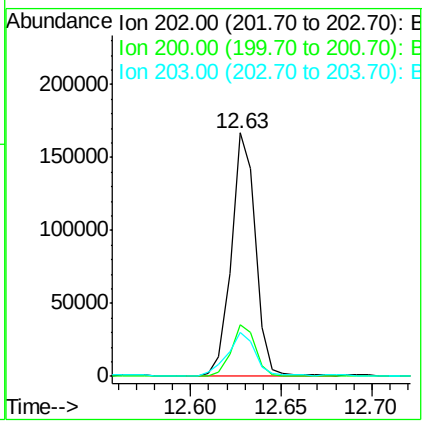


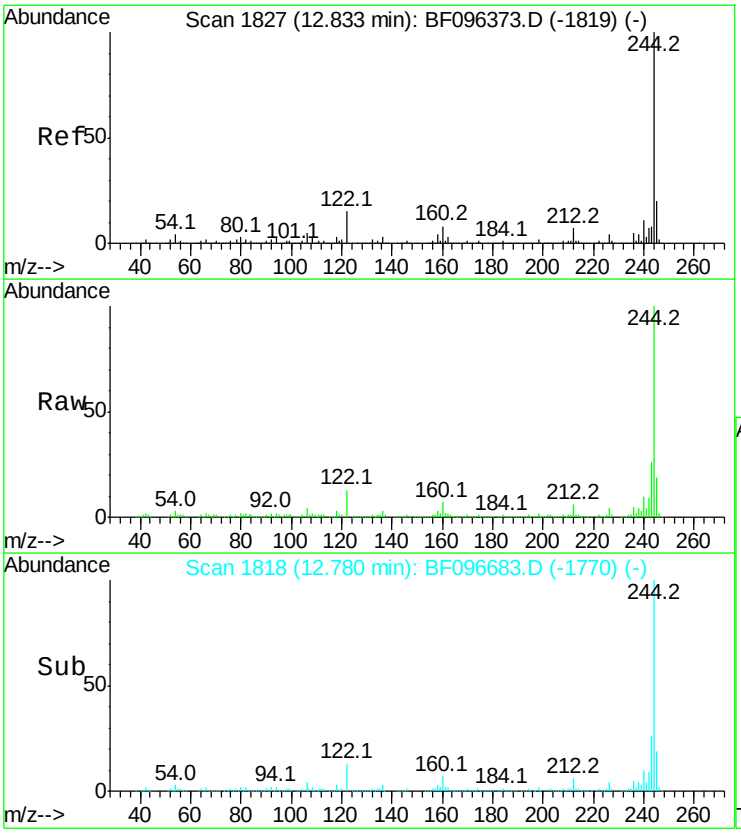
#77
Pyrene
Concen: 7.480 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 153615

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6

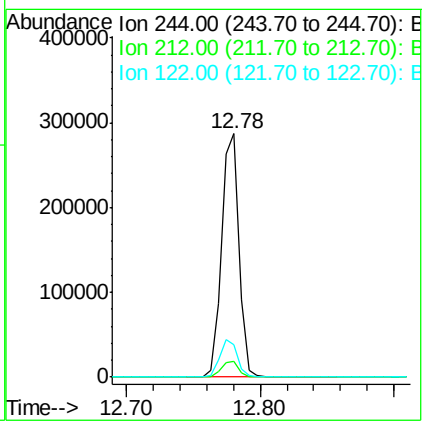


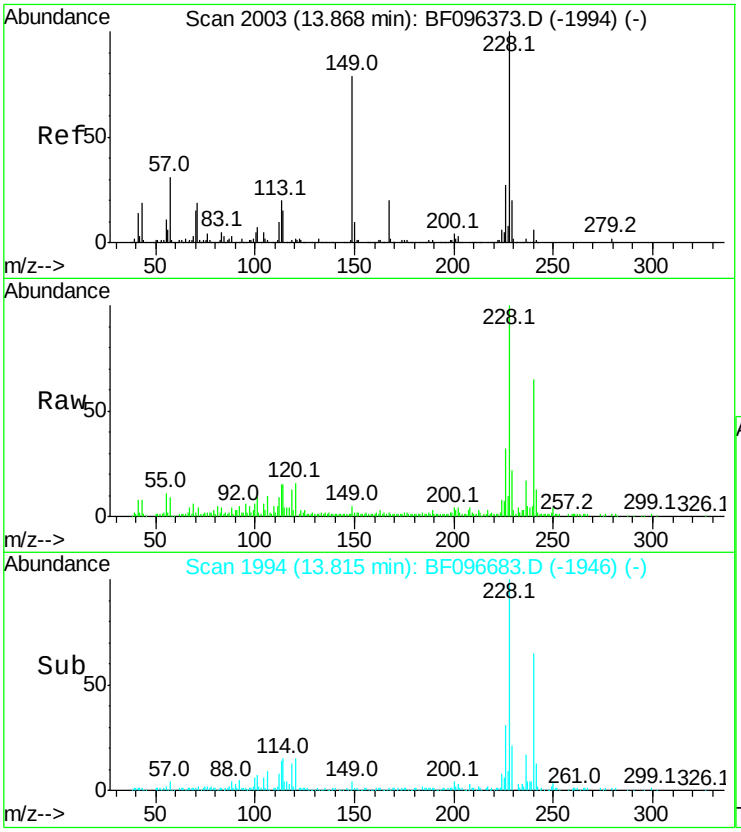


#78
Terphenyl-d14
Concen: 22.101 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:244 Resp: 264626

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.3	10.3	15.5



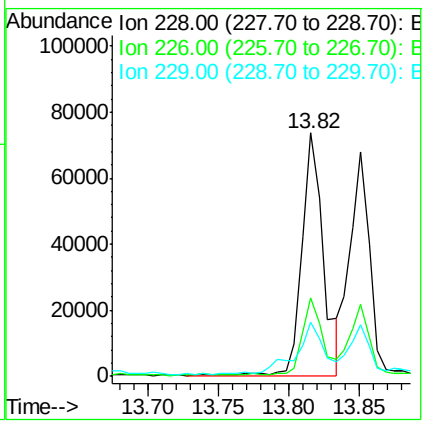


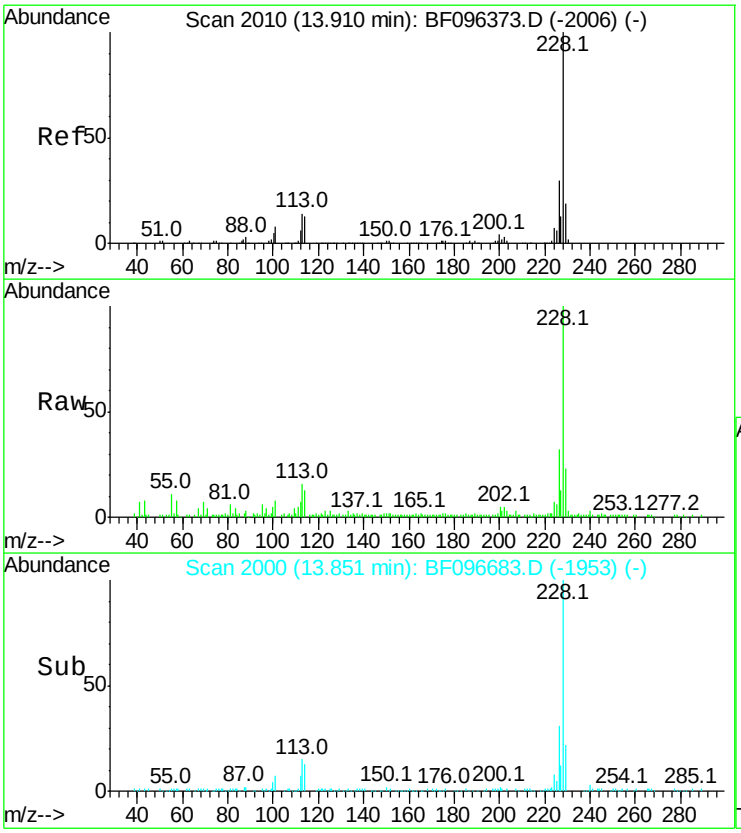
#80
Benzo(a)anthracene
Concen: 5.344 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 79170

Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	22.1	16.3	24.5

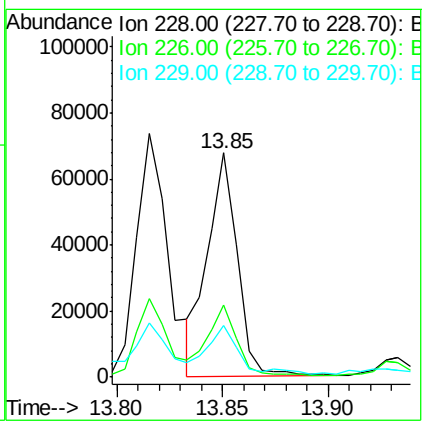


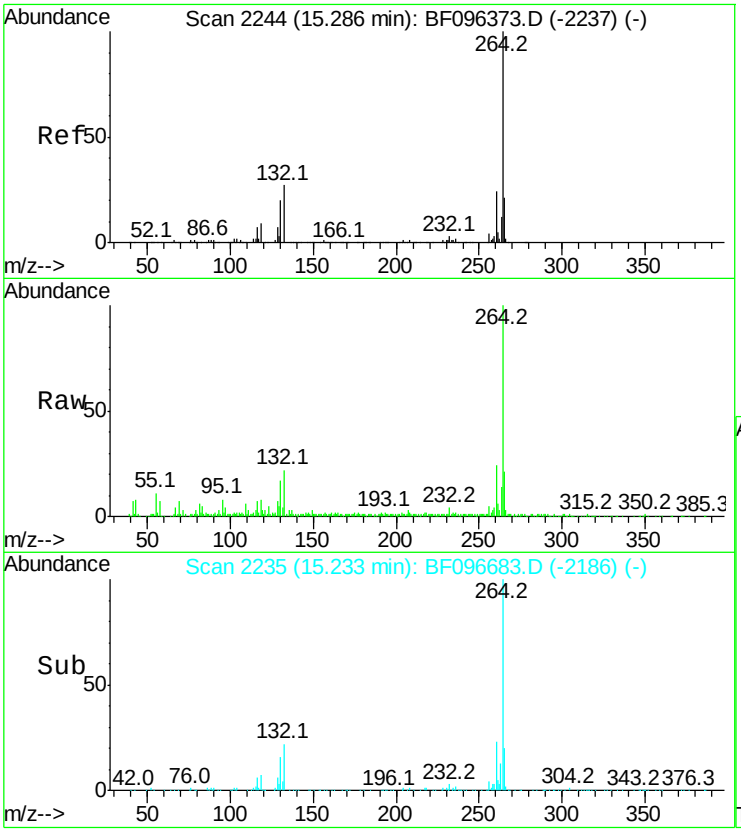


#82
Chrysene
Concen: 4.296 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:228 Resp: 66658

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	23.0	15.8	23.6



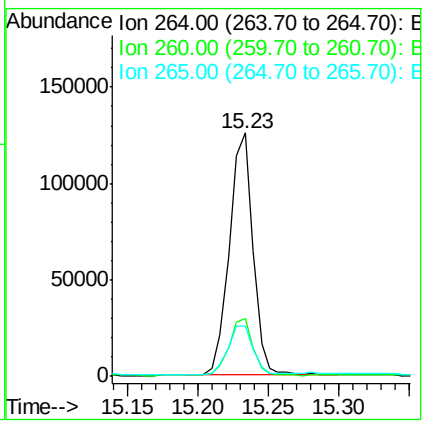


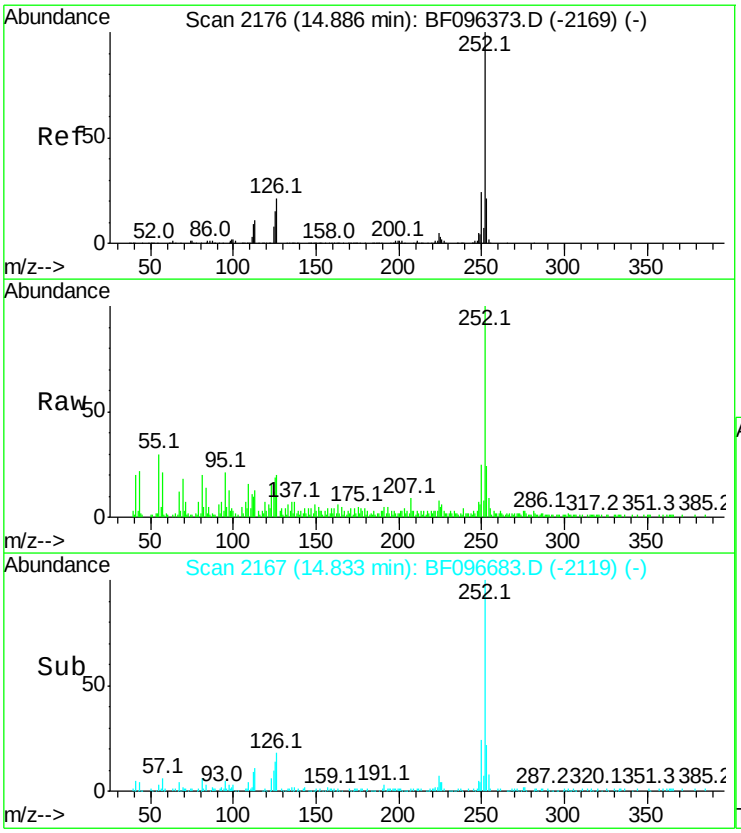
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 146818

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.8	17.2	25.8

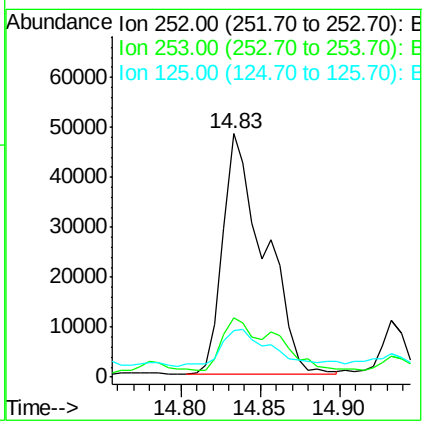


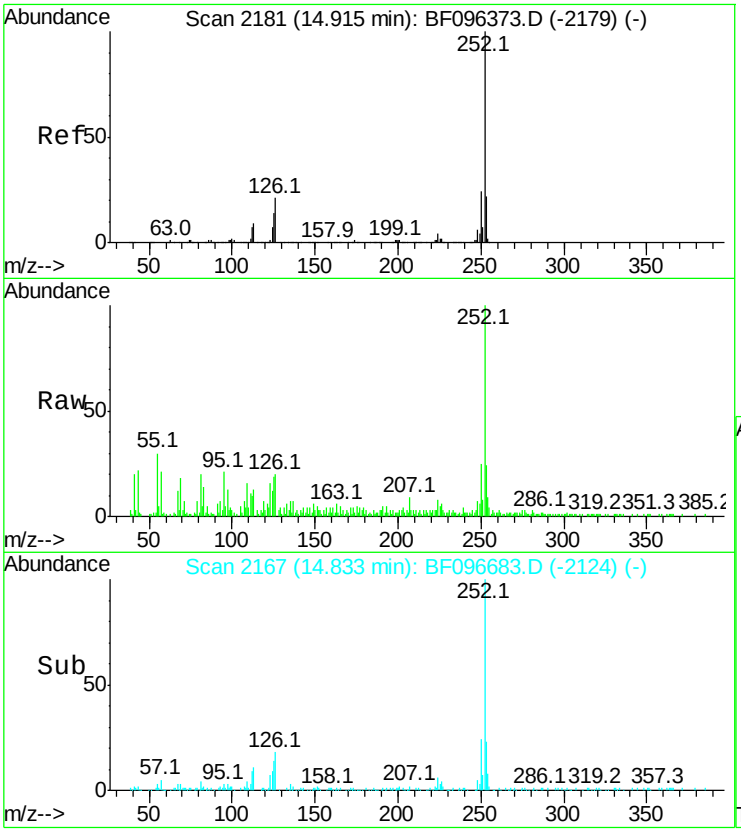


#87
Benzo(b)fluoranthene
Concen: 9.603 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:252 Resp: 88346

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	19.1	9.8	14.8#



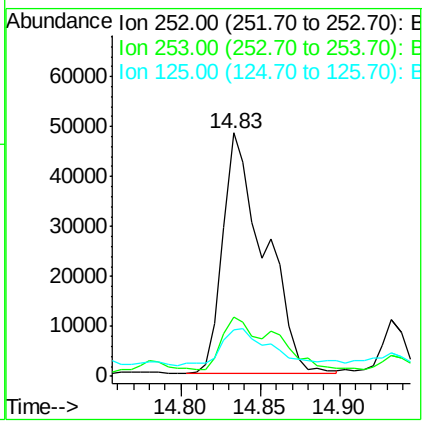


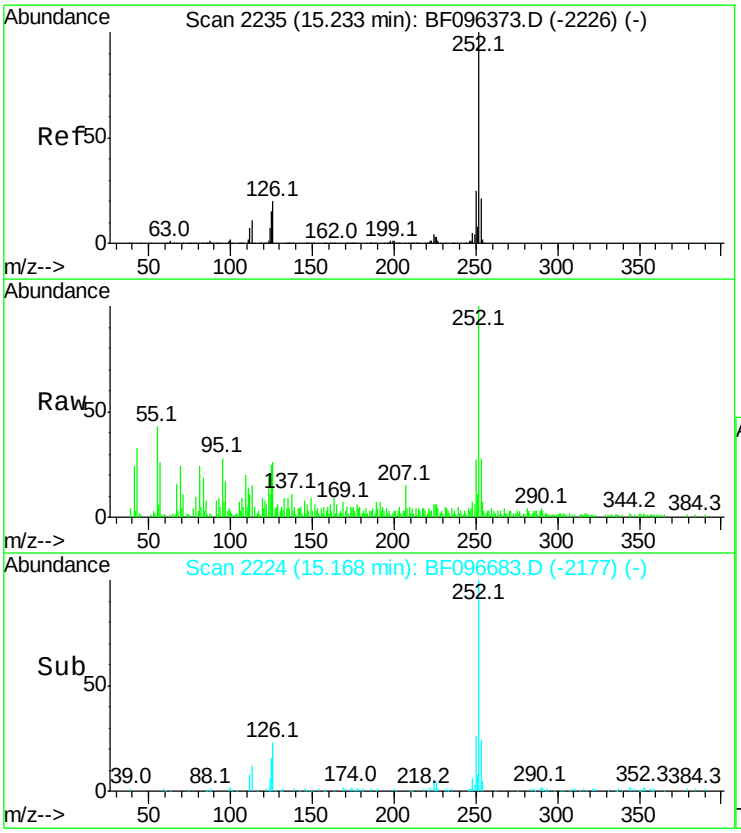
#88
Benzo(k)fluoranthene
Concen: 10.736 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.05 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 88346

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	19.1	13.1	19.7

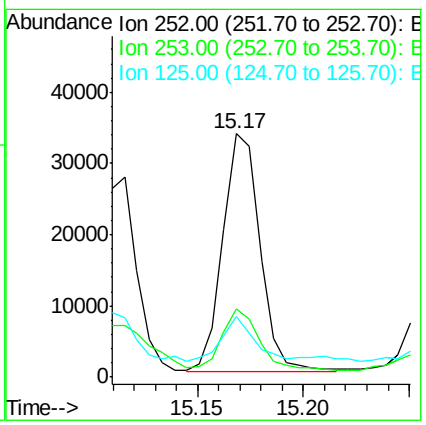


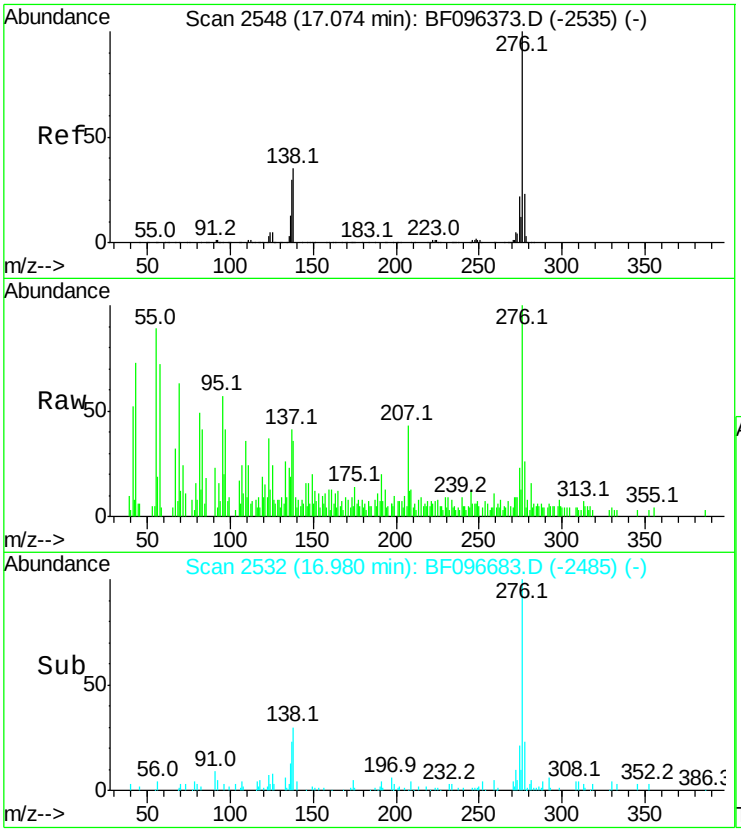


#89
Benzo(a)pyrene
Concen: 4.993 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Tgt Ion:252 Resp: 41008

Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.5	26.3#
125	24.7	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.057 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF096683.D
Acq: 12 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 20470

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	35.9	25.4	38.0