Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097283.D
Acq On : 2 Aug 2017 19:48
Operator : SJ/JU
Sample : I4543-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 23:10:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	121899	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	479201	20.00	ng		-0.05
38) Acenaphthene-d10	9.47	164	199537	20.00	ng		-0.06
63) Phenanthrene-d10	10.95	188	324052	20.00	ng		-0.05
75) Chrysene-d12	13.57	240	212936	20.00	ng		-0.06
86) Perylene-d12	14.92	264	191492	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	67562	8.36	ng		-0.05
7) Phenol-d6	6.12	99	95048	10.30	ng		-0.05
23) Nitrobenzene-d5	7.02	82	48065	5.88	ng		-0.05
41) 2,4,6-Tribromophenol	10.26	330	13237	8.40	ng		-0.06
44) 2-Fluorobiphenyl	8.81	172	88047	7.49	ng		-0.06
78) Terphenyl-d14	12.53	244	56233	5.38	ng		-0.05
Target Compounds							Qvalue
22) Acetophenone	6.86	105	63246	5.50	ng	#	42
35) Caprolactam	8.18	113	10903	5.20	ng	#	1
70) Phenanthrene	10.97	178	89867	5.18	ng		97
74) Fluoranthene	12.16	202	106970	6.29	ng		79
77) Pyrene	12.38	202	96094	5.51	ng		98
80) Benzo(a)anthracene	13.56	228	36894	2.68	ng		98
82) Chrysene	13.60	228	32157	2.39	ng		97
87) Benzo(b)fluoranthene	14.56	252	53374	4.64	ng	#	89
88) Benzo(k)fluoranthene	14.56	252	53374	4.87	ng	#	92
89) Benzo(a)pyrene	14.87	252	28096	2.67	ng	#	81
91) Benzo(g,h,i)perylene	16.49	276	19177	2.12	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097283.D
Acq On : 2 Aug 2017 19:48
Operator : SJ/JU
Sample : I4543-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 02 23:10:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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QLast Update : Tue Jul 25 14:11:51 2017
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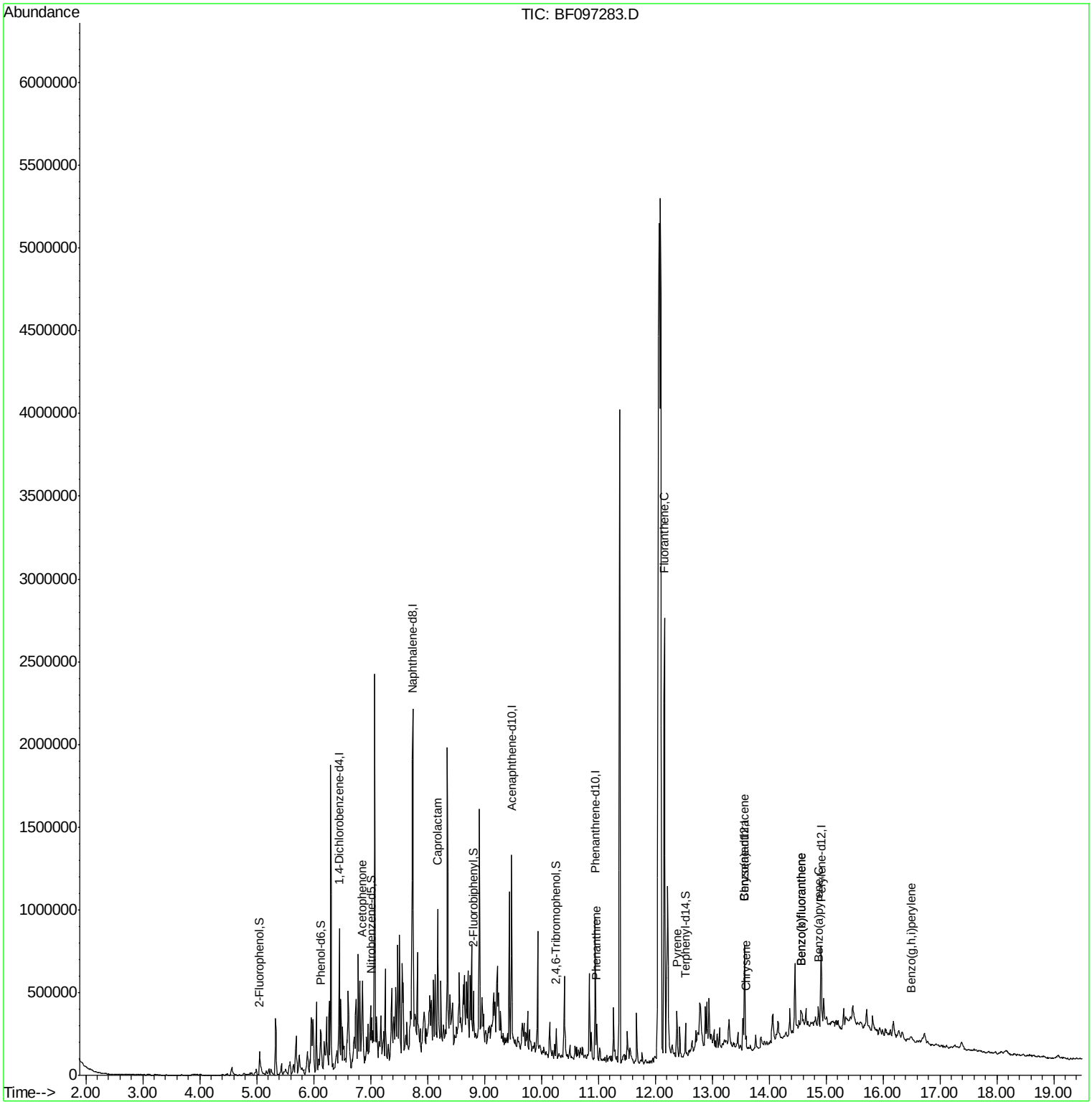
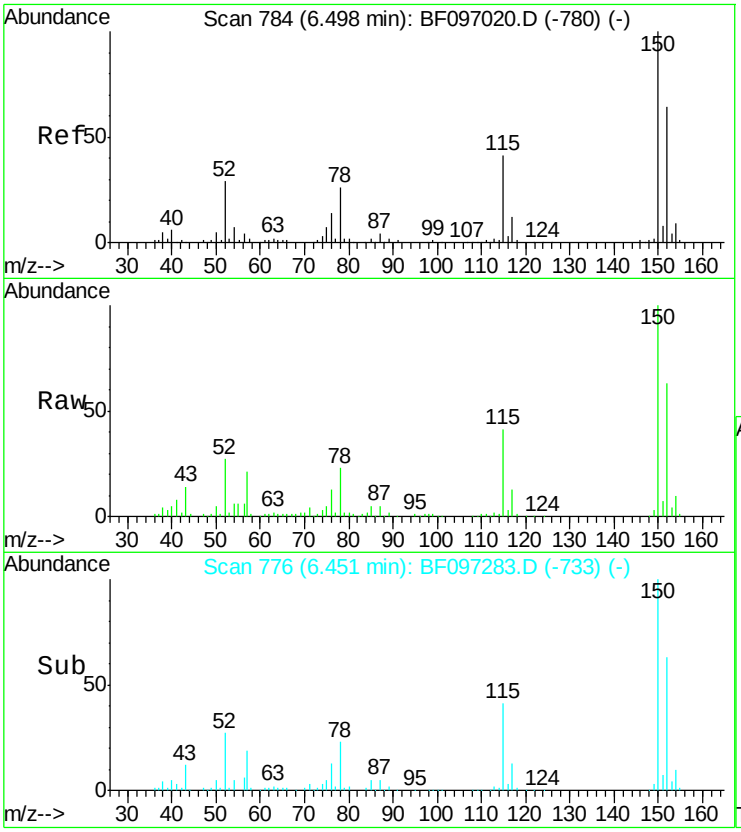


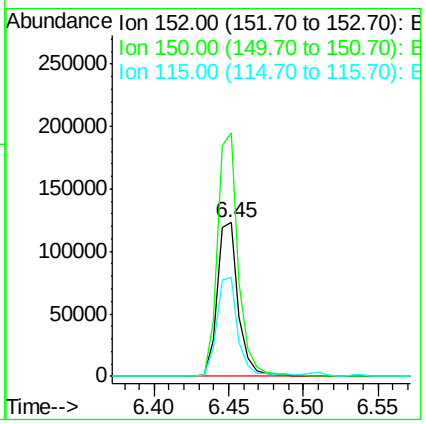


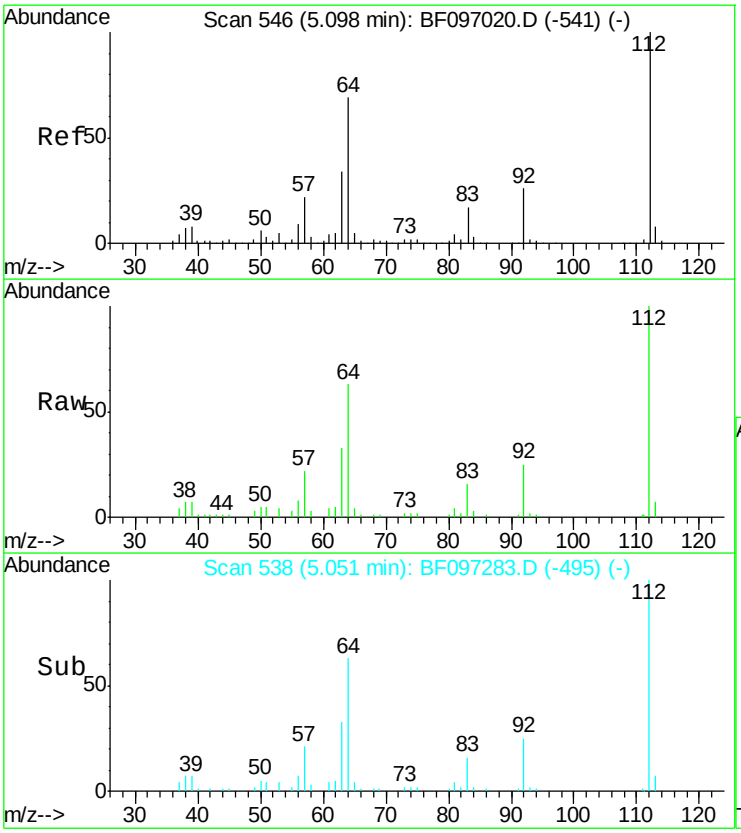
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121899

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	64.1	52.2	78.2

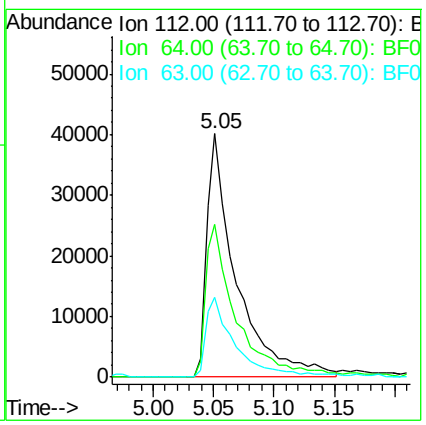


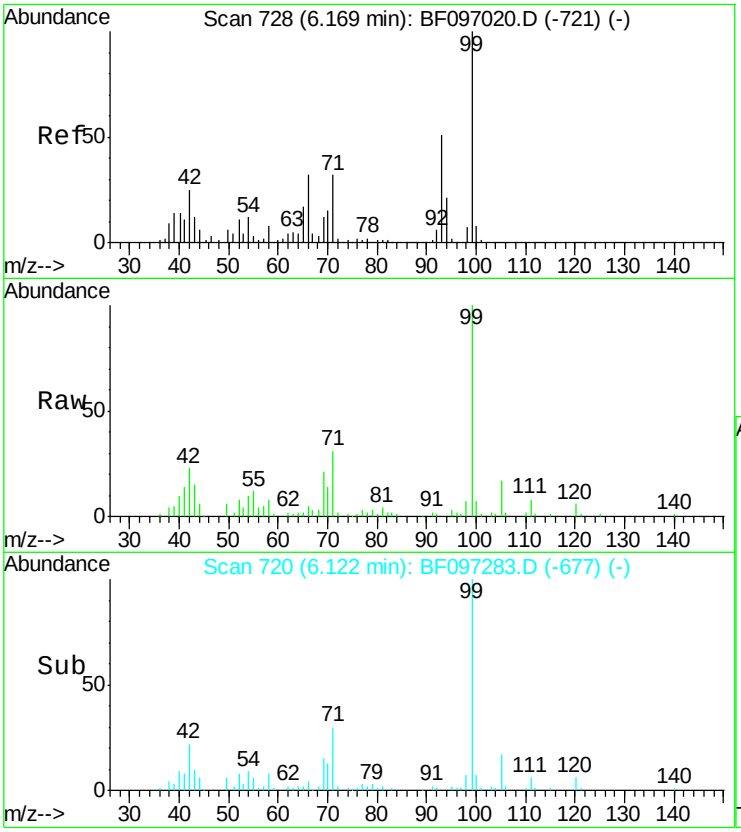


#5
2-Fluorophenol
Concen: 8.36 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:112 Resp: 67562

Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	32.8	23.4	35.0



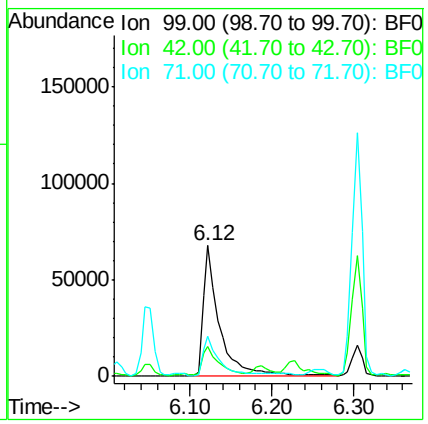


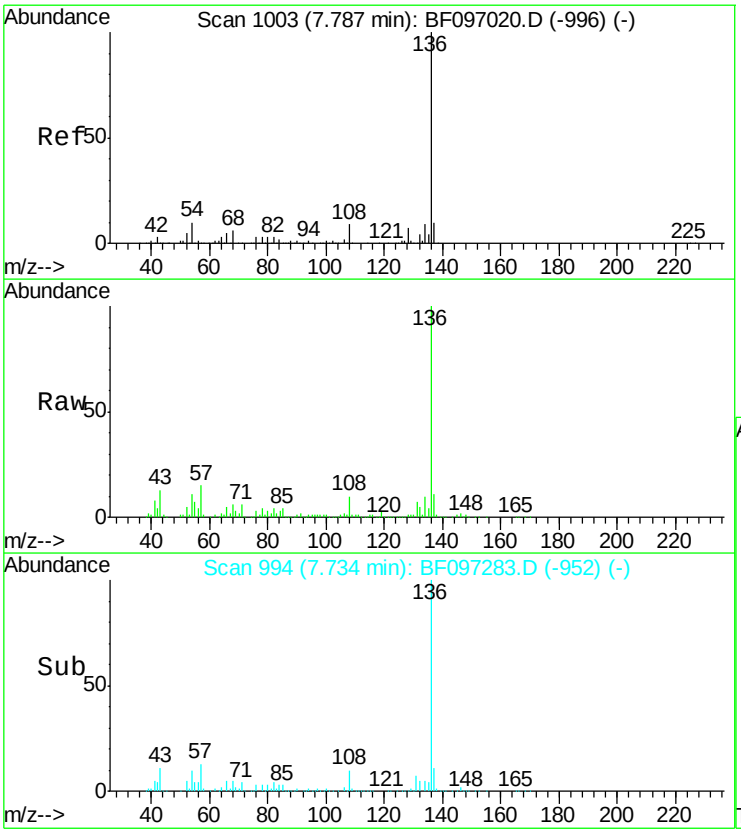
#7
Phenol-d6
Concen: 10.30 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 95048

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	30.7	24.5	36.7

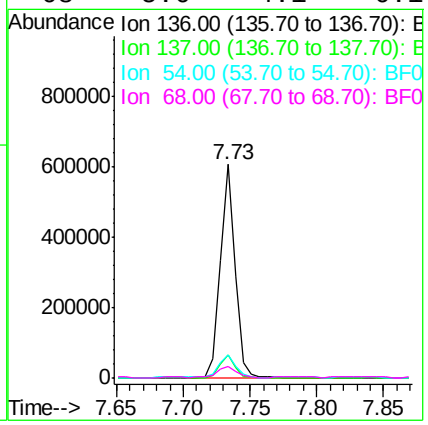


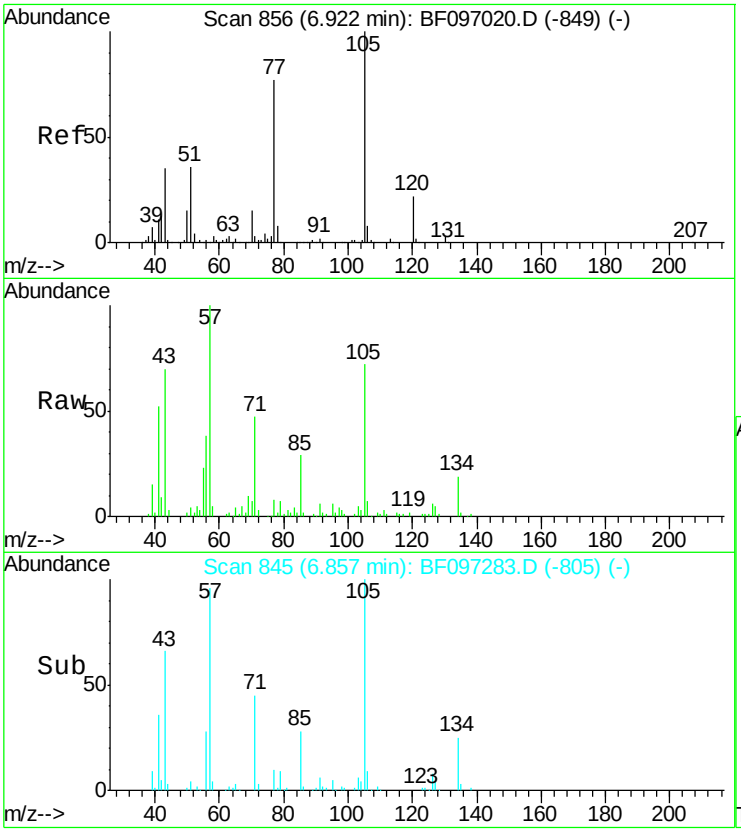


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:136 Resp: 479201

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.7	4.9	7.3#
68	5.6	4.1	6.1



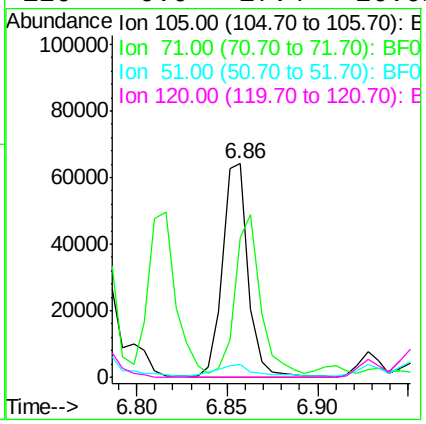


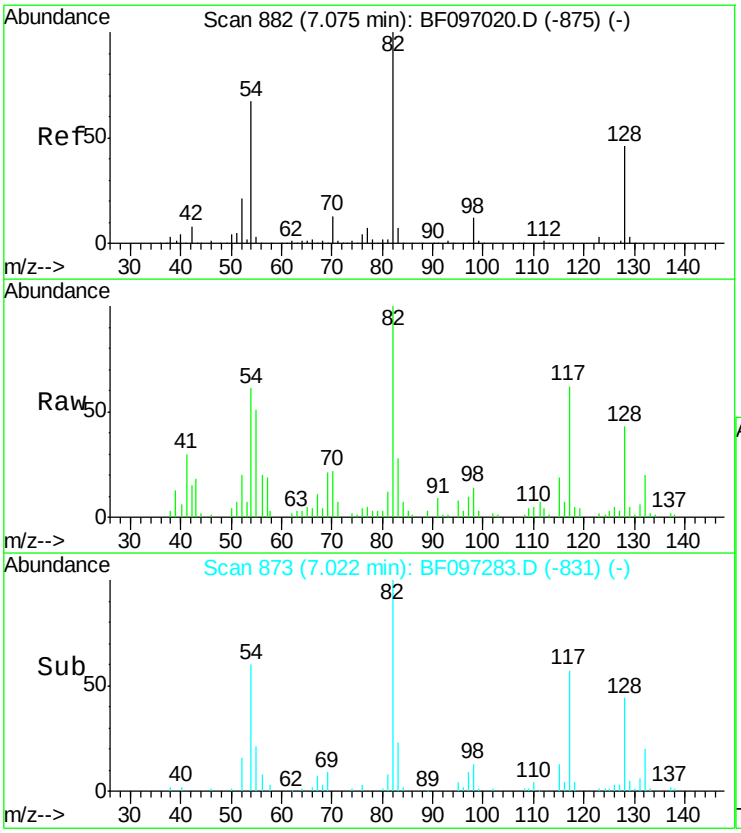
#22
Acetophenone
Concen: 5.50 ng
RT: 6.86 min Scan# 845
Delta R.T. -0.06 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 63246

Ion	Ratio	Lower	Upper
105	100		
71	65.1	2.8	4.2#
51	5.8	30.7	46.1#
120	0.0	17.4	26.0#

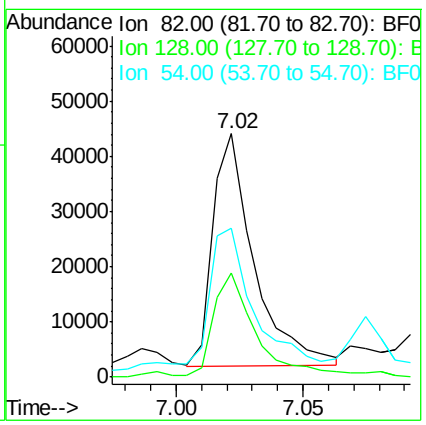


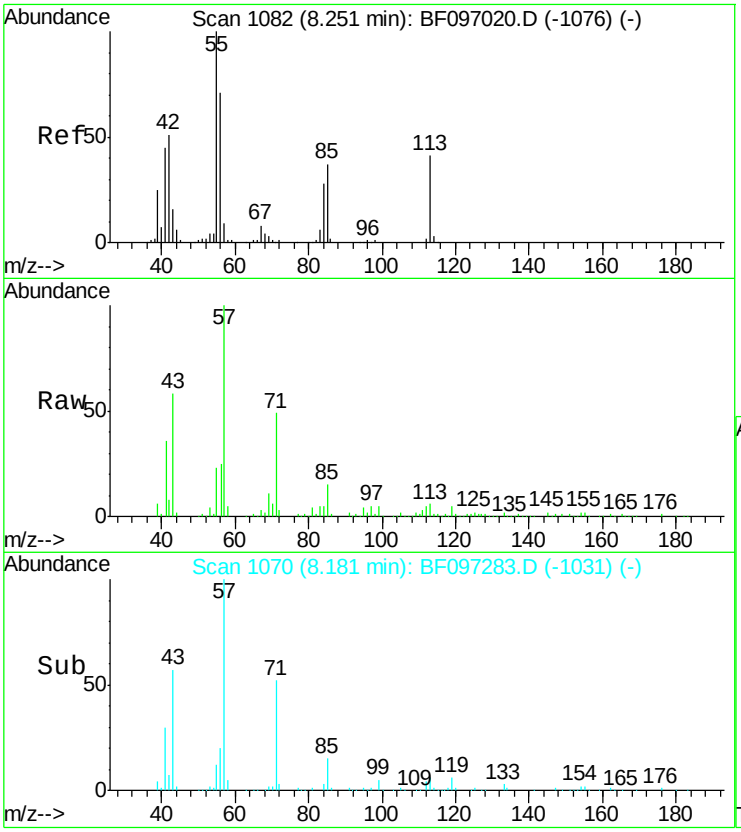


#23
Nitrobenzene-d5
Concen: 5.88 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion: 82 Resp: 48065

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	61.0	42.2	63.2



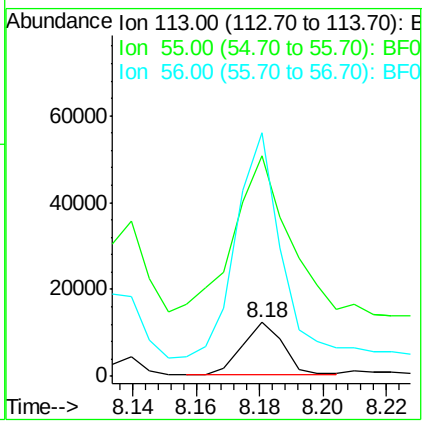


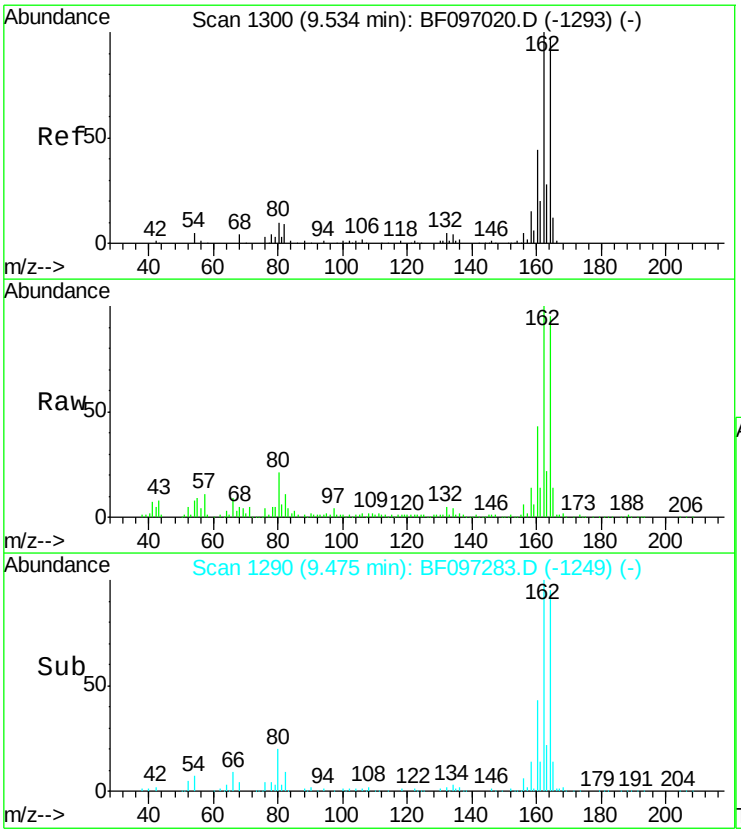
#35
Caprolactam
Concen: 5.20 ng
RT: 8.18 min Scan# 1070
Delta R.T. -0.07 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 10903

Ion	Ratio	Lower	Upper
113	100		
55	411.5	150.2	190.2#
56	453.9	107.8	147.8#

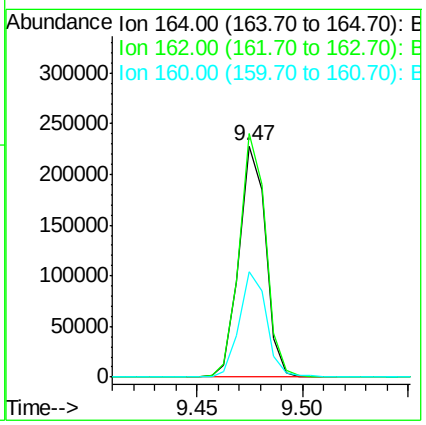


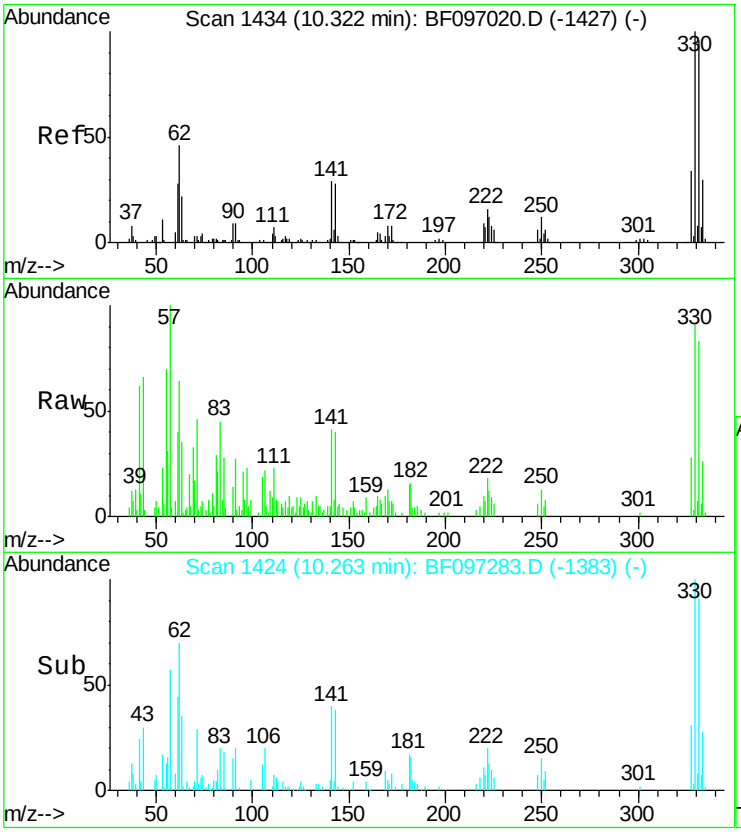


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:164 Resp: 199537

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.6	36.2	54.2



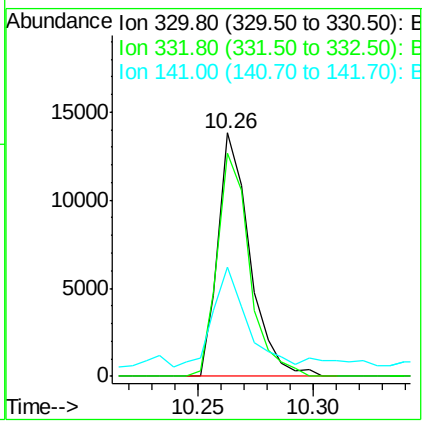


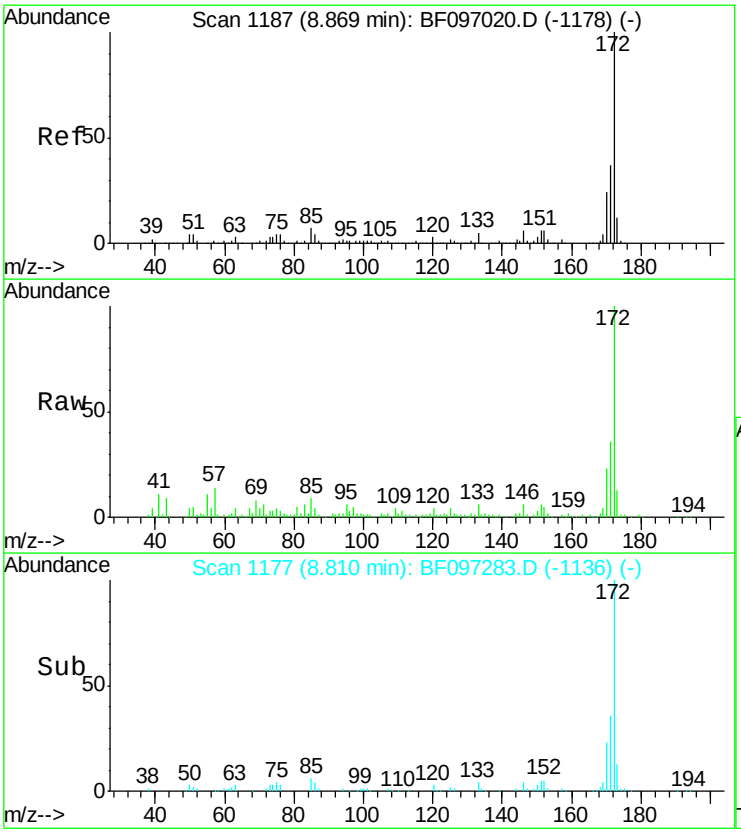
#41
2,4,6-Tribromophenol
Concen: 8.40 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.06 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13237

Ion	Ratio	Lower	Upper
330	100		
332	92.7	76.6	115.0
141	42.2	31.4	47.2

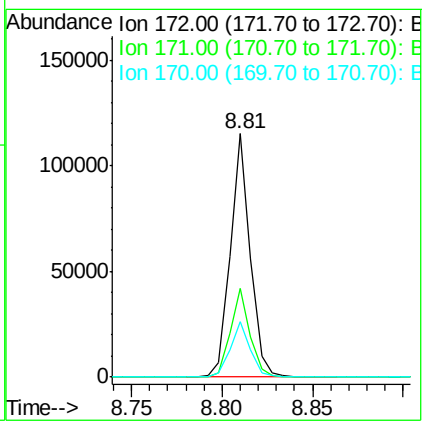


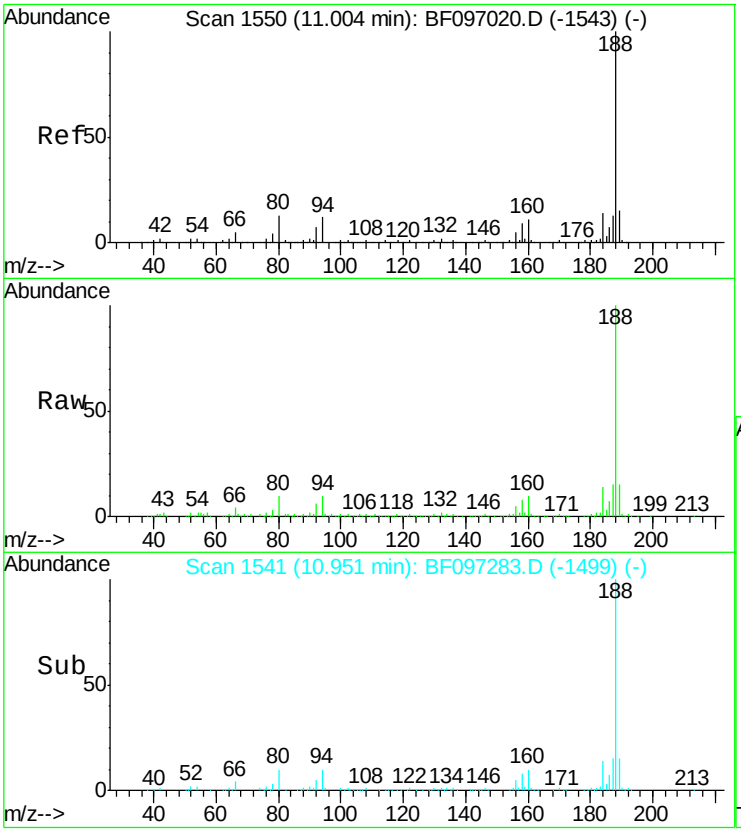


#44
2-Fluorobiphenyl
Concen: 7.49 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:172 Resp: 88047

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	22.8	19.8	29.8



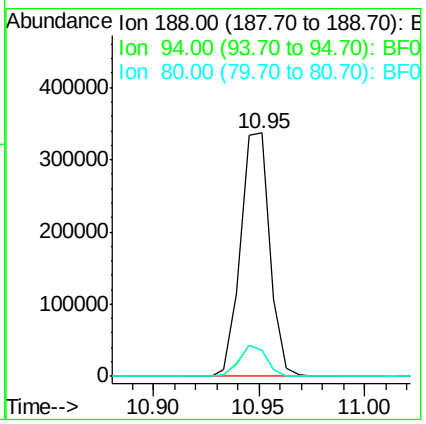


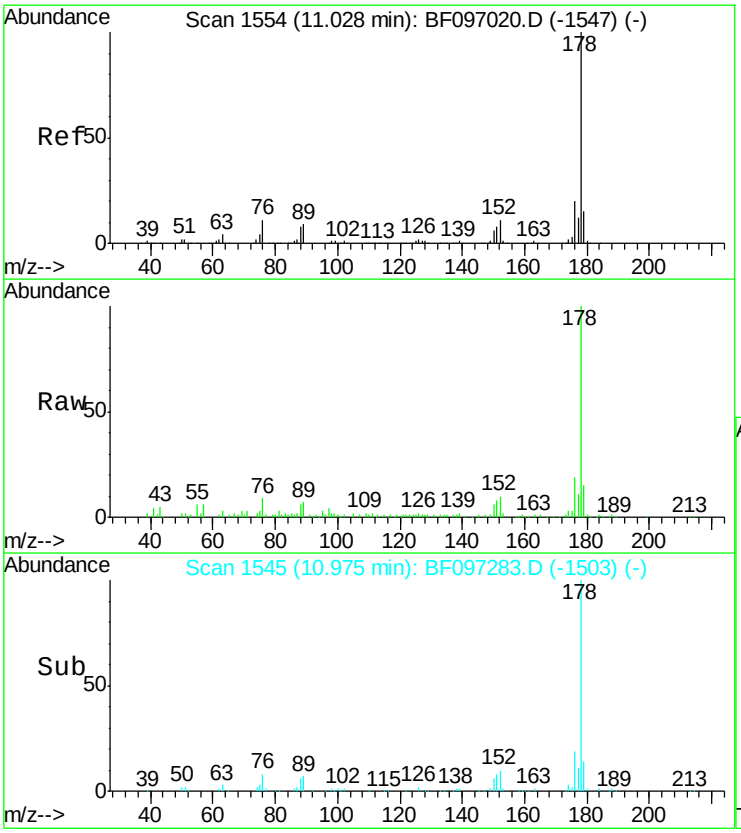
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 324052

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.5	10.2	15.2

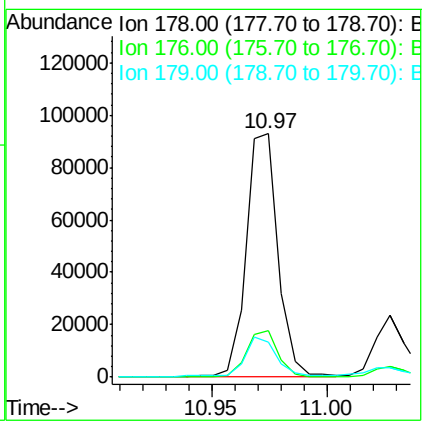


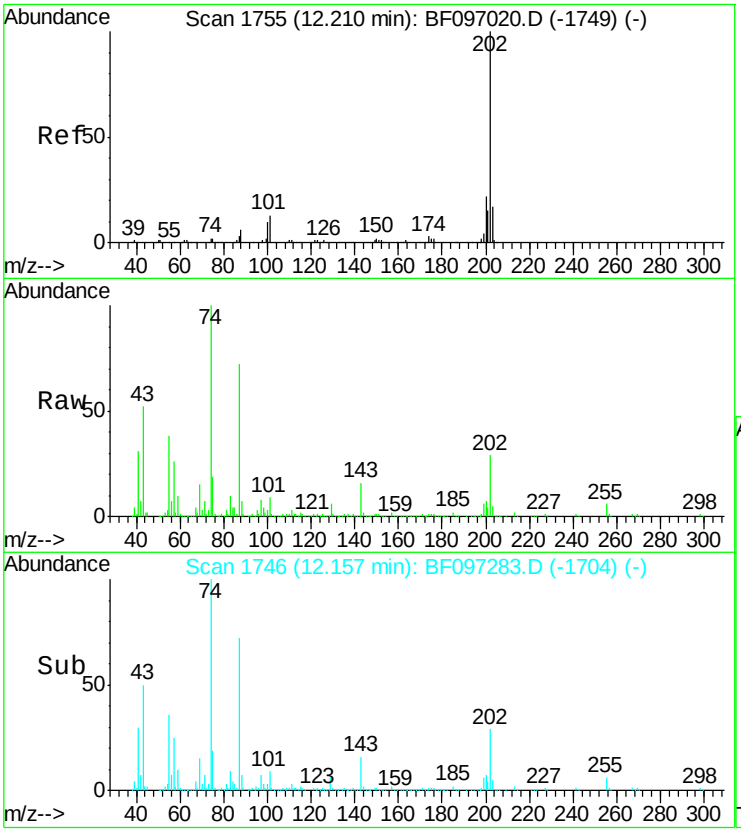


#70
Phenanthrene
Concen: 5.18 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:178 Resp: 89867

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.6	12.6	19.0



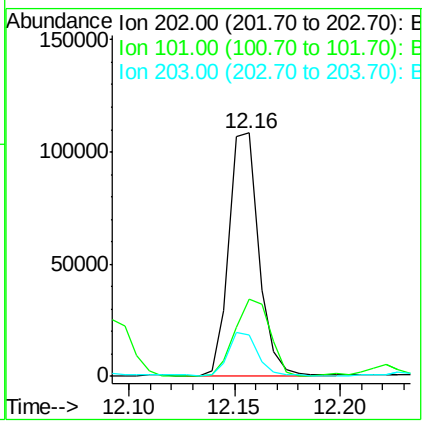


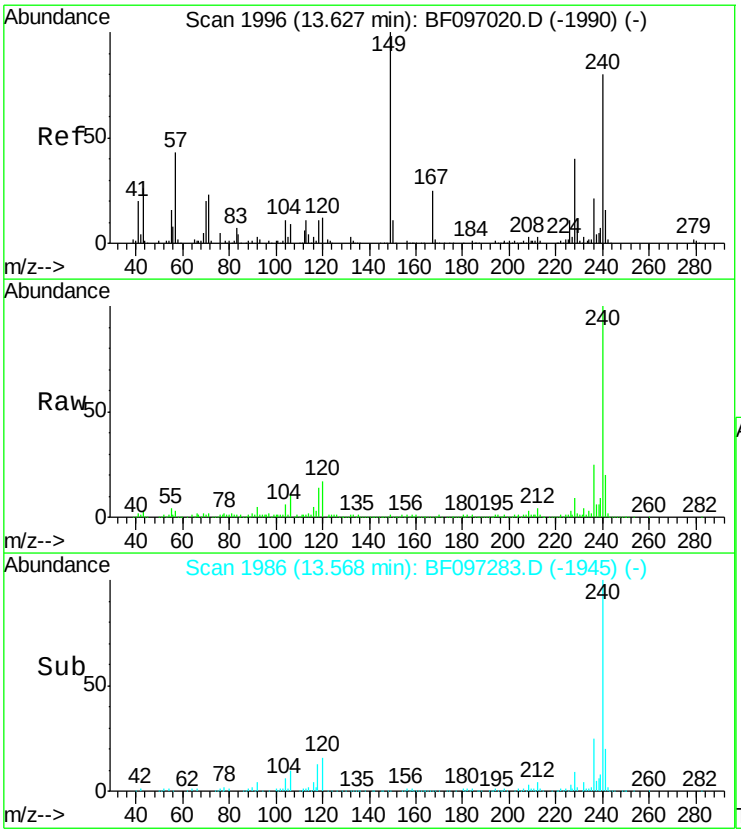
#74
Fluoranthene
Concen: 6.29 ng
RT: 12.16 min Scan# 1746
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 106970

Ion	Ratio	Lower	Upper
202	100		
101	31.8	0.0	33.2
203	17.2	0.0	38.1

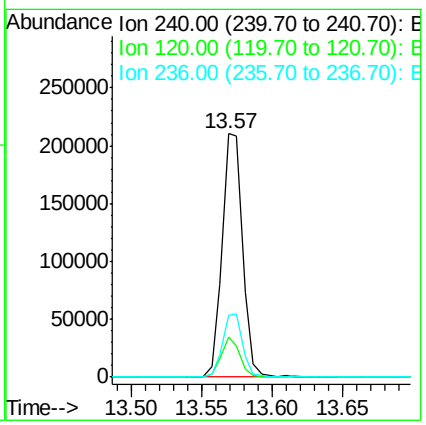


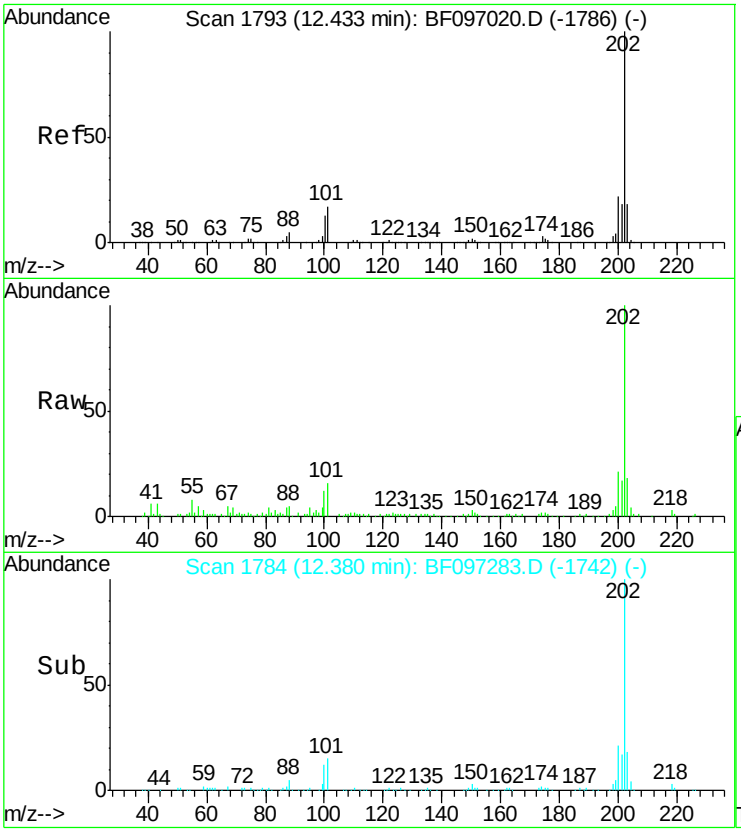


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.06 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:240 Resp: 212936

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	25.3	20.5	30.7



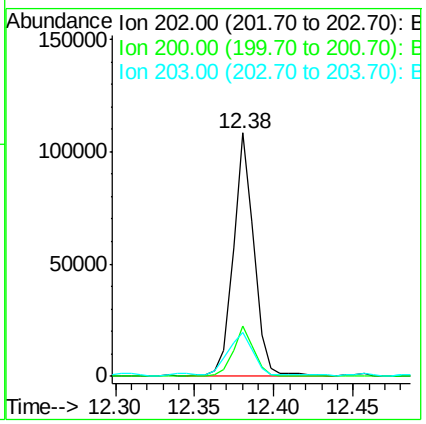


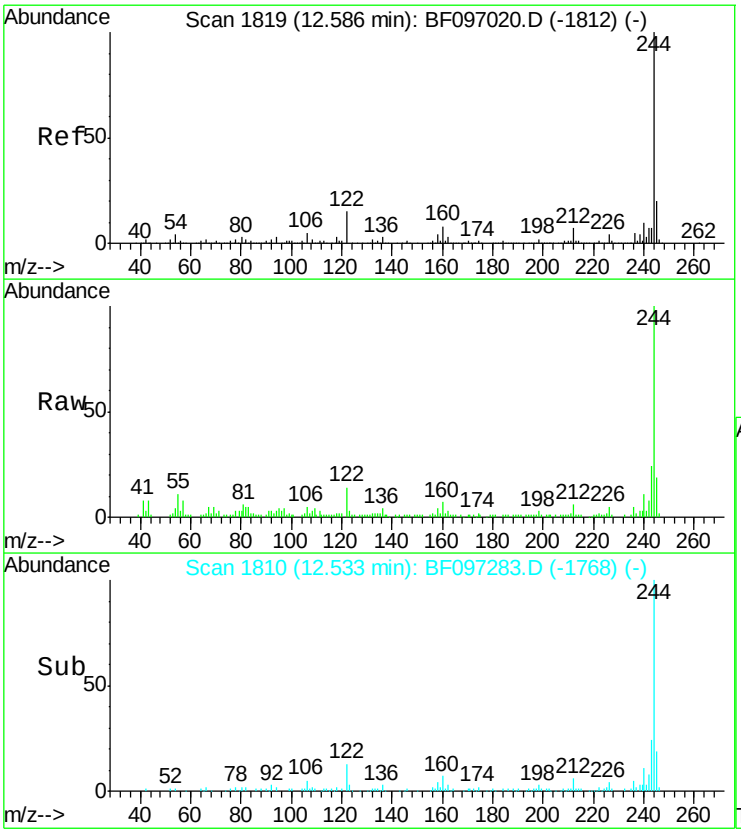
#77
Pyrene
Concen: 5.51 ng
RT: 12.38 min Scan# 1784
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 96094

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	18.1	14.4	21.6

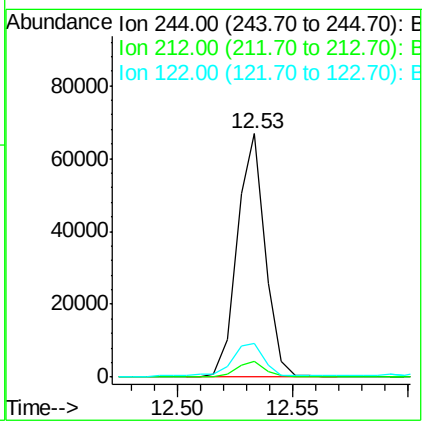


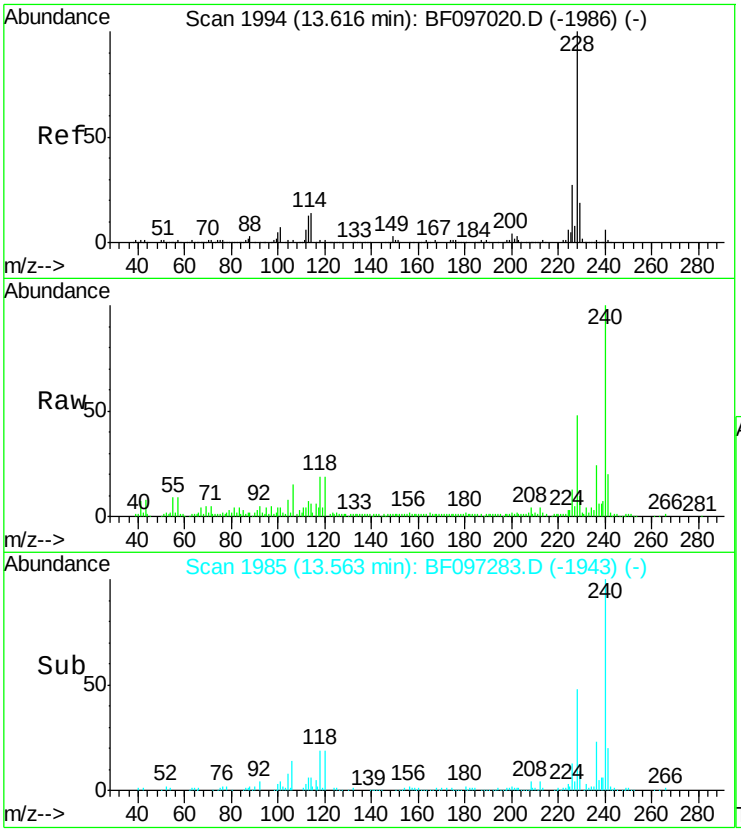


#78
Terphenyl-d14
Concen: 5.38 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:244 Resp: 56233

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.6	10.3	15.5



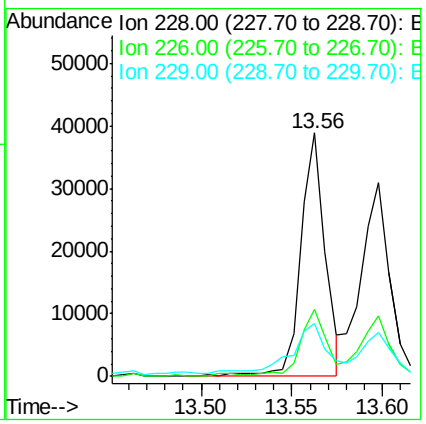


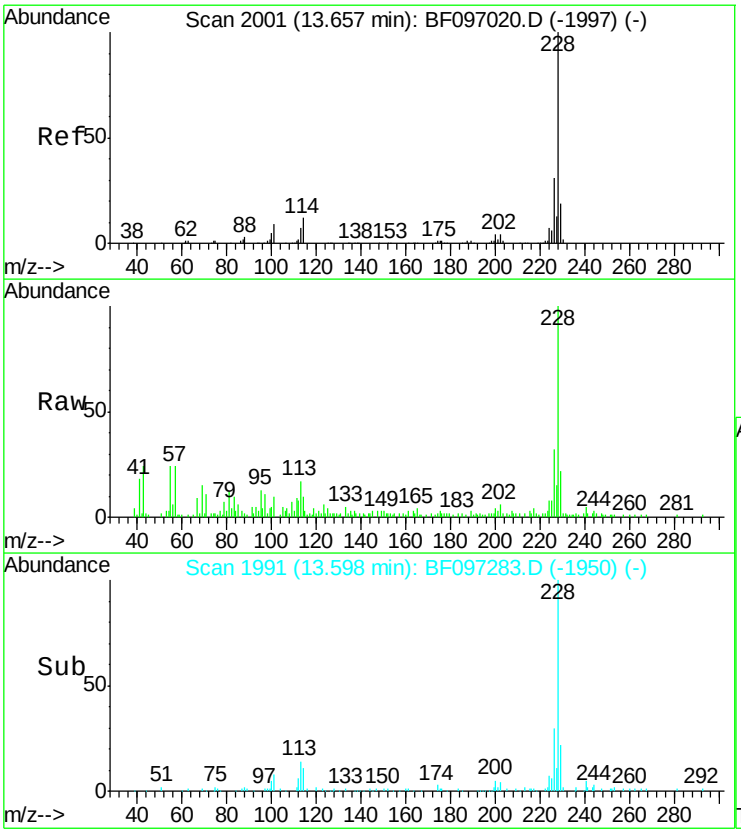
#80
Benzo(a)anthracene
Concen: 2.68 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 36894

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.5	16.3	24.5

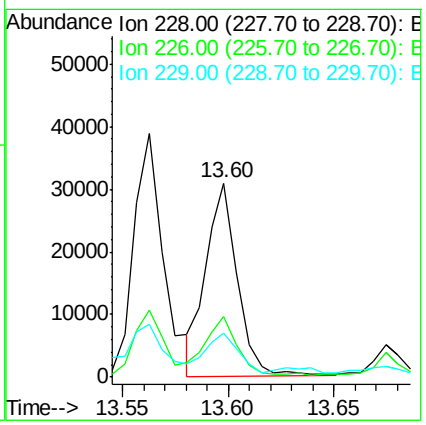


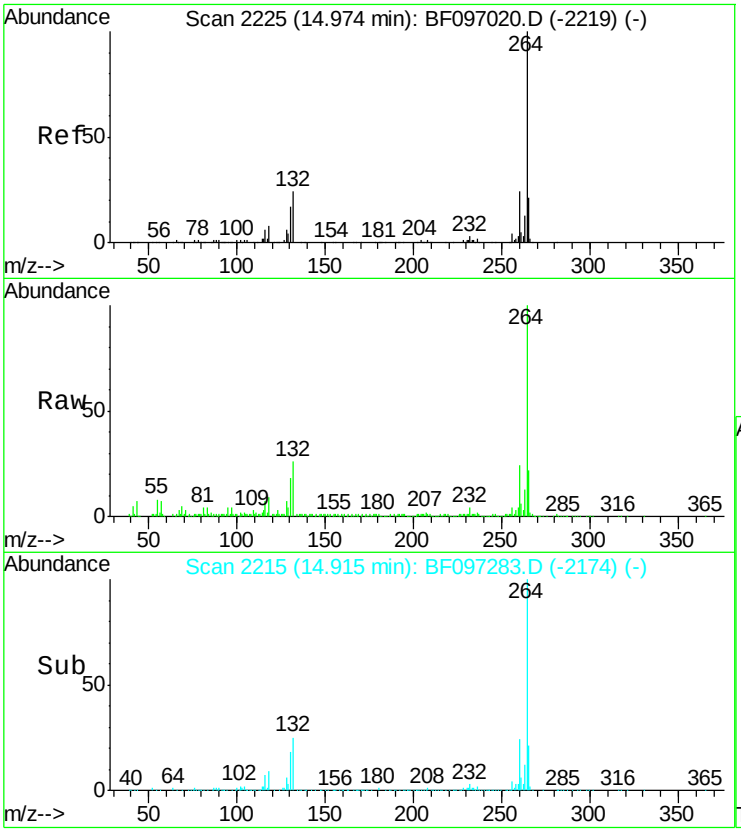


#82
Chrysene
Concen: 2.39 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.06 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:228 Resp: 32157

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.4	15.8	23.6



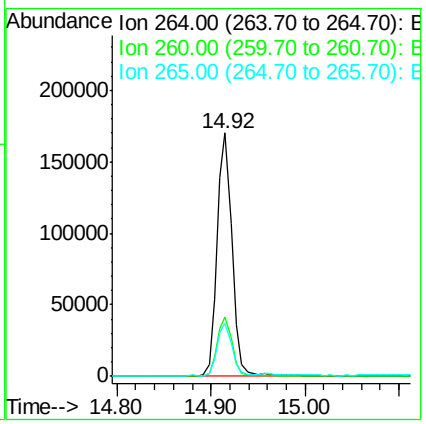


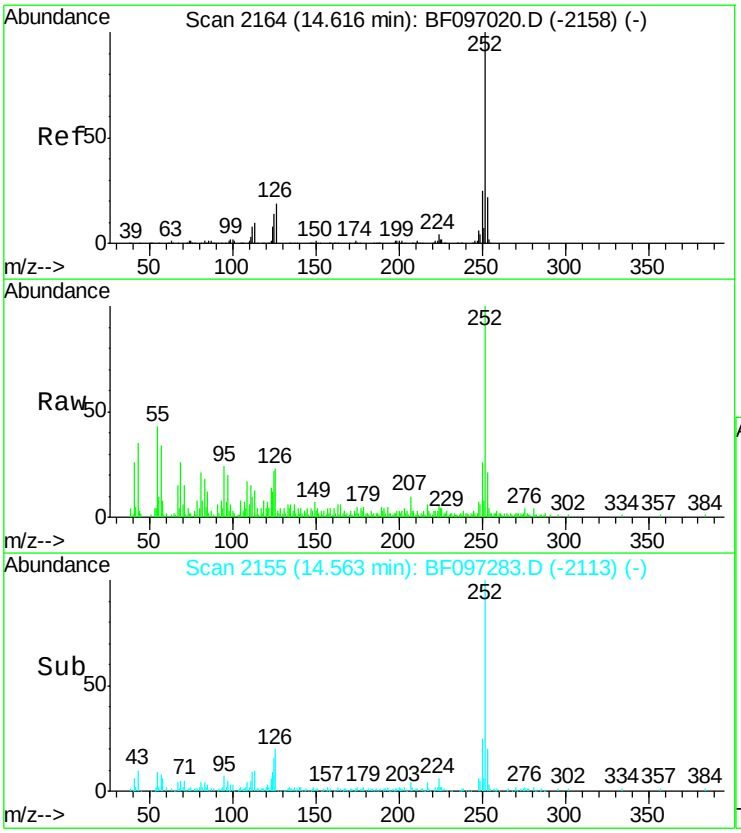
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 191492

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8

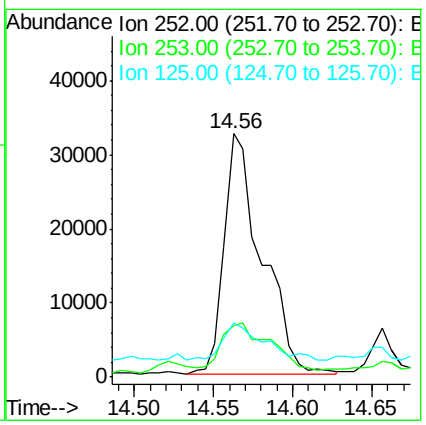


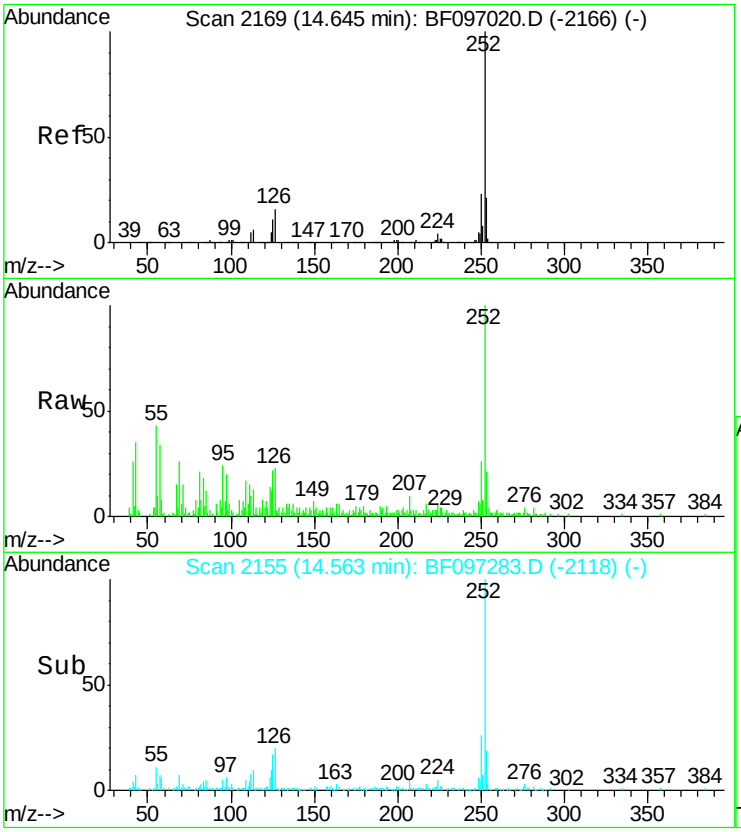


#87
Benzo(b)fluoranthene
Concen: 4.64 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:252 Resp: 53374

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	22.5	9.8	14.8#



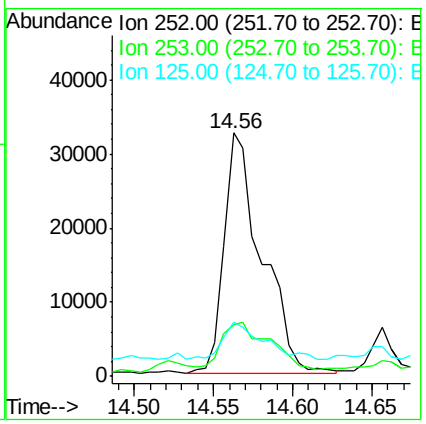


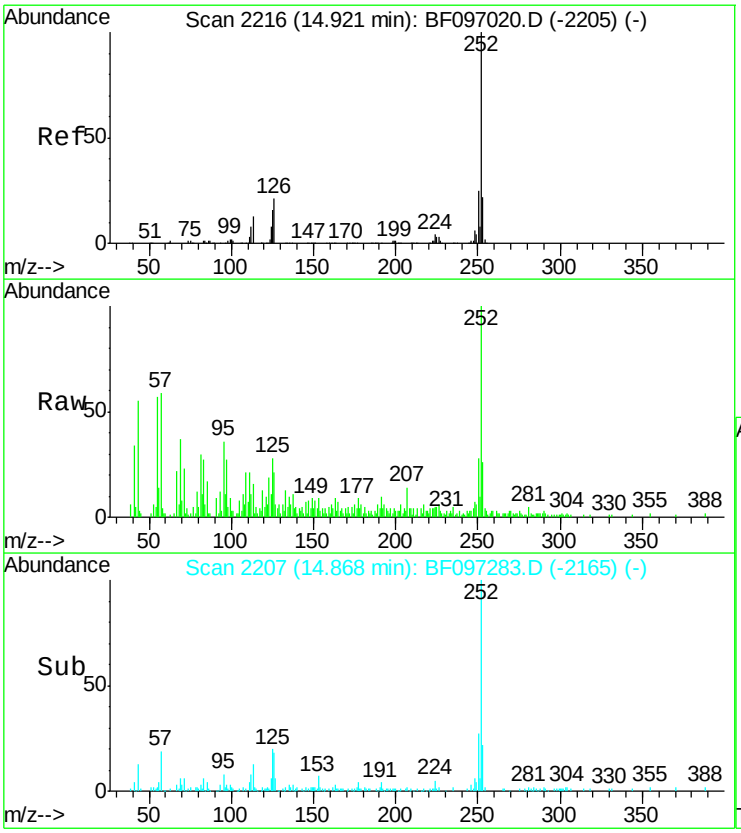
#88
Benzo(k)fluoranthene
Concen: 4.87 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.08 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53374

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	22.5	13.1	19.7#

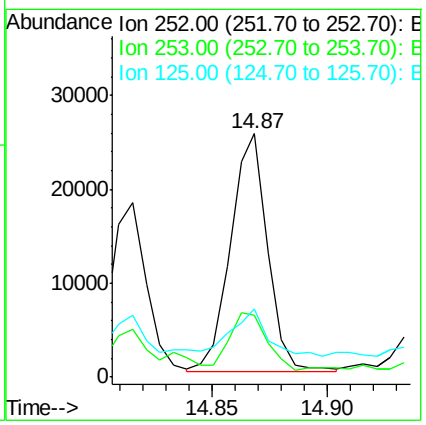


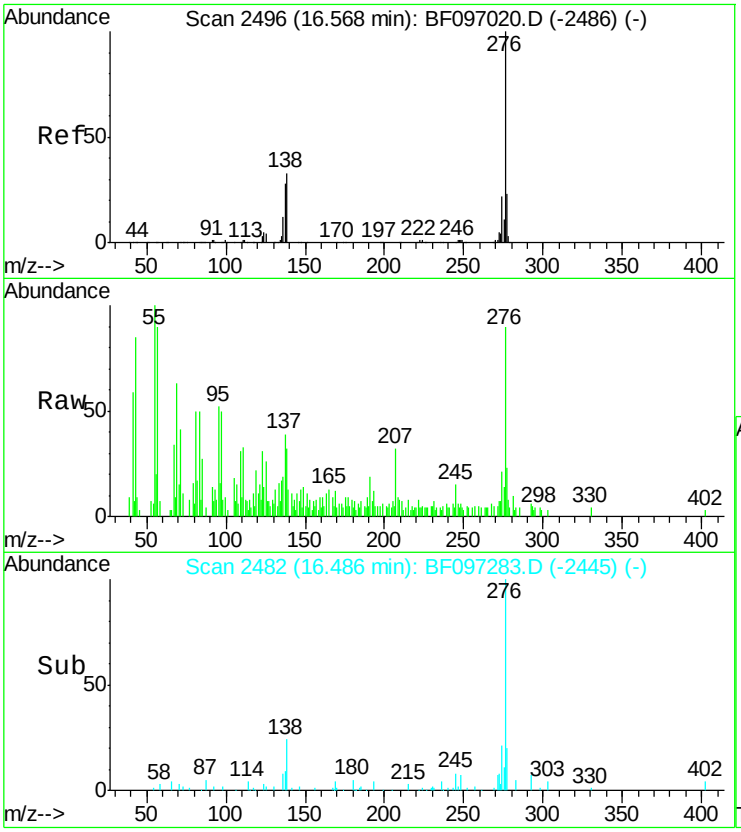


#89
Benzo(a)pyrene
Concen: 2.67 ng
RT: 14.87 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Tgt Ion:252 Resp: 28096

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	28.3	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.12 ng
RT: 16.49 min Scan# 2482
Delta R.T. -0.08 min
Lab File: BF097283.D
Acq: 2 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 19177

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	35.2	25.4	38.0