Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Time: Aug 04 01:10:14 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	116641	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	473002	20.00	ng		-0.06
38) Acenaphthene-d10	9.46	164	193163	20.00	ng		-0.07
63) Phenanthrene-d10	10.94	188	271657	20.00	ng		-0.06
75) Chrysene-d12	13.56	240	189416	20.00	ng		-0.06
86) Perylene-d12	14.90	264	129463	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	752568	97.26	ng		-0.06
7) Phenol-d6	6.12	99	938441	106.24	ng		-0.05
23) Nitrobenzene-d5	7.02	82	544723	67.56	ng		-0.06
41) 2,4,6-Tribromophenol	10.25	330	138631	90.84	ng		-0.07
44) 2-Fluorobiphenyl	8.80	172	842231	74.00	ng		-0.06
78) Terphenyl-d14	12.52	244	465234	50.08	ng		-0.06
Target Compounds							Qvalue
25) Isophorone	7.02	82	525897	33.305	ng	#	67
35) Caprolactam	8.17	113	5575	2.693	ng	#	1
49) Dimethylphthalate	9.20	163	105371	7.184	ng		99
66) 4-Bromophenyl-phenylether	10.25	248	8865	3.270	ng	#	1
70) Phenanthrene	10.96	178	62903	4.322	ng		97
74) Fluoranthene	12.14	202	127848	8.966	ng		98
77) Pyrene	12.36	202	114059	7.355	ng		98
80) Benzo(a)anthracene	13.55	228	56731	4.629	ng		97
82) Chrysene	13.59	228	53182	4.444	ng		95
85) Indeno(1,2,3-cd)pyrene	16.11	276	23678	2.307	ng		99
87) Benzo(b)fluoranthene	14.56	252	85234	10.952	ng	#	89
88) Benzo(k)fluoranthene	14.56	252	85234	11.493	ng	#	94
89) Benzo(a)pyrene	14.86	252	42830	6.013	ng	#	86
91) Benzo(g,h,i)perylene	16.47	276	24161	3.945	ng	#	81

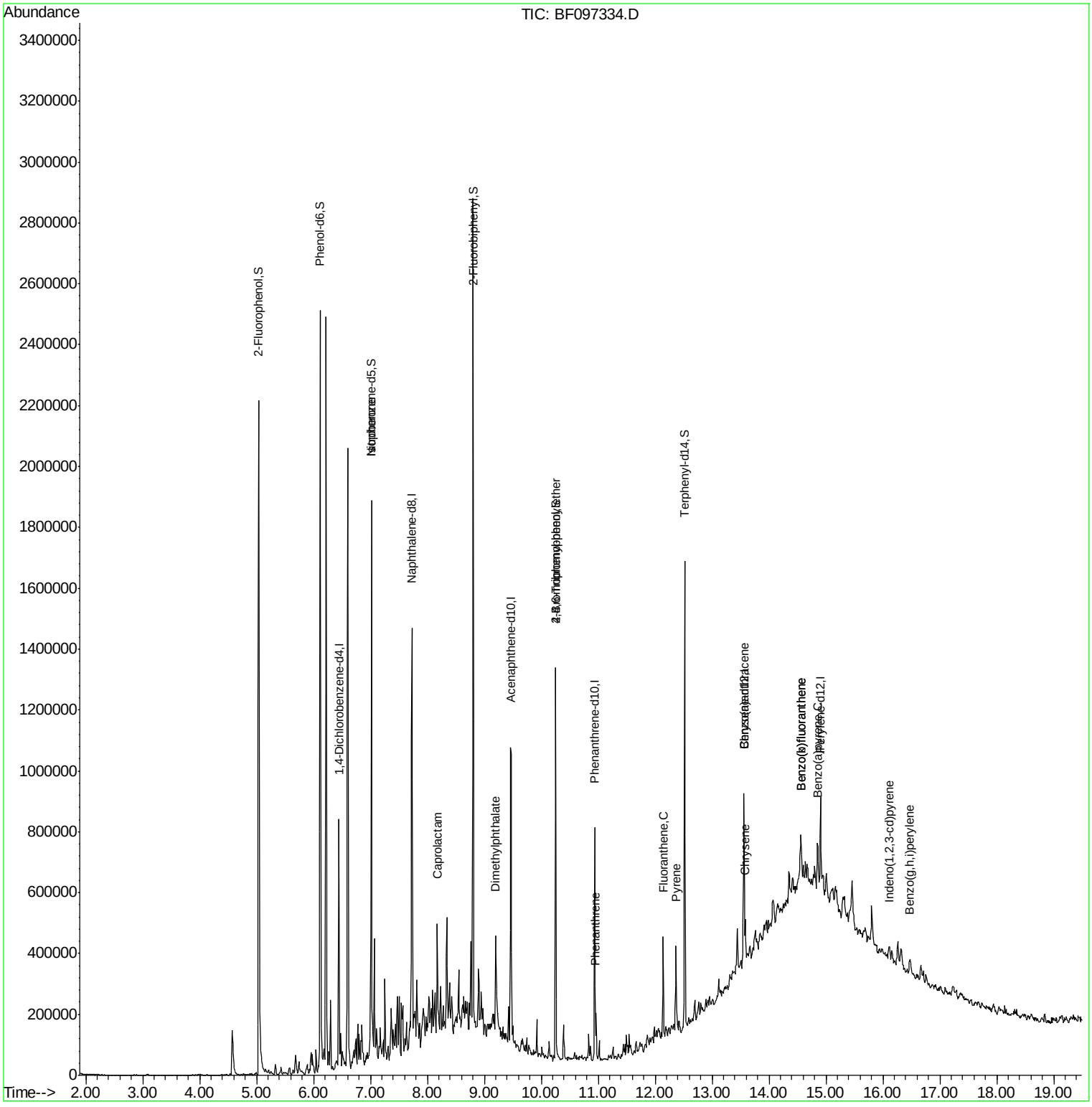
(#) = qualifier out of range (m) = manual integration (+) = signals summed

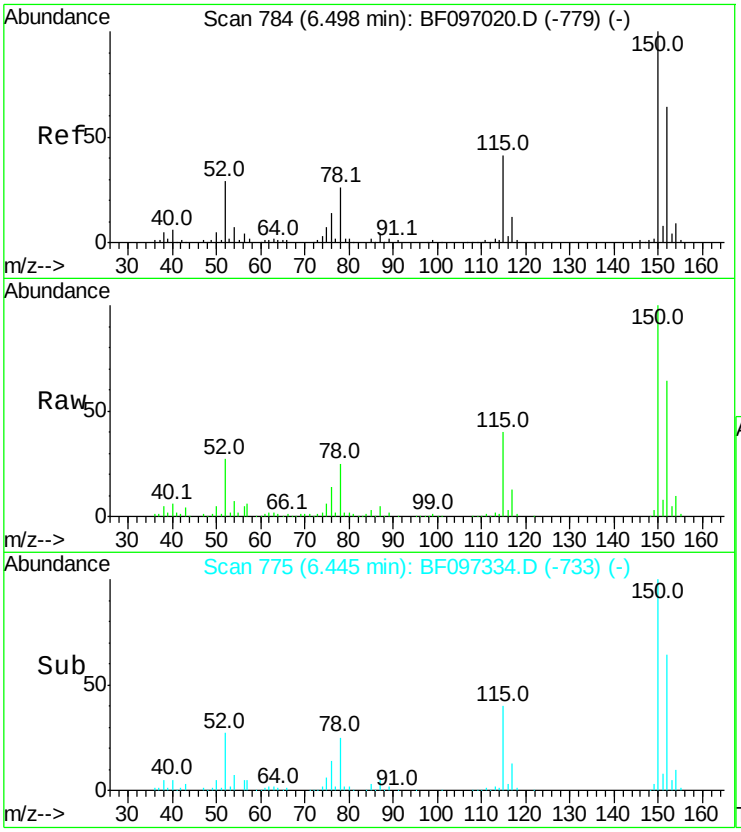
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Time: Aug 04 01:10:14 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



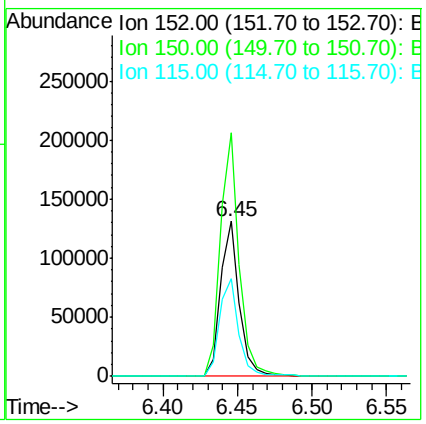


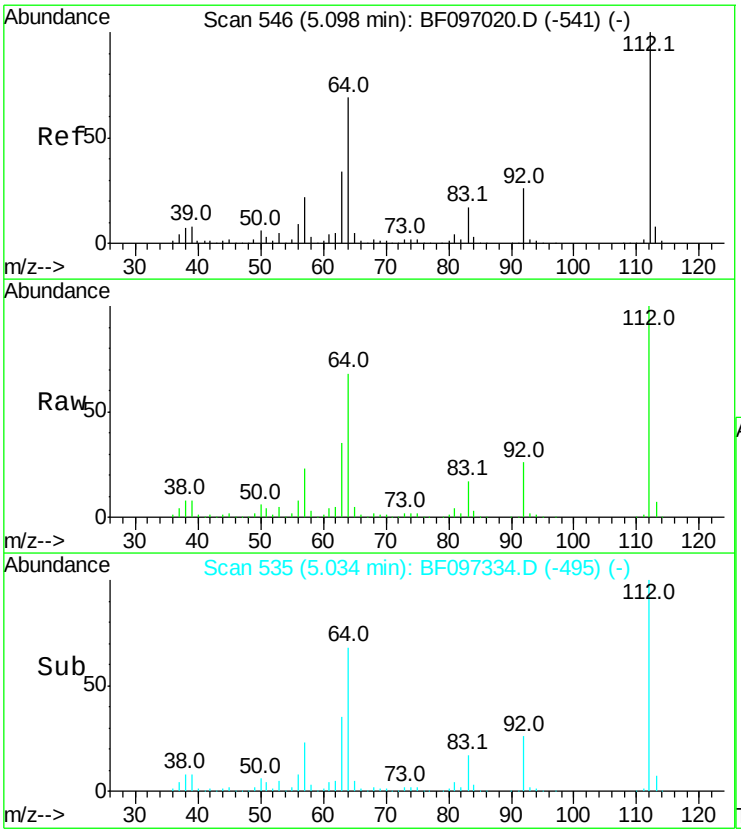
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:152 Resp: 116641

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	63.5	52.2	78.2

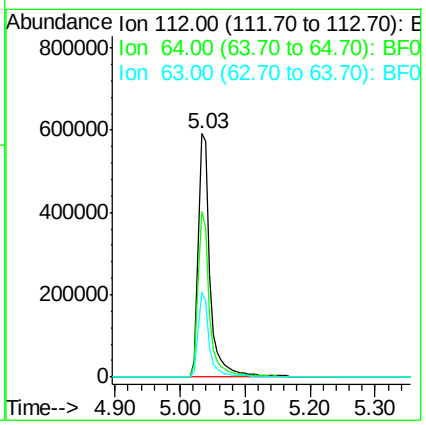


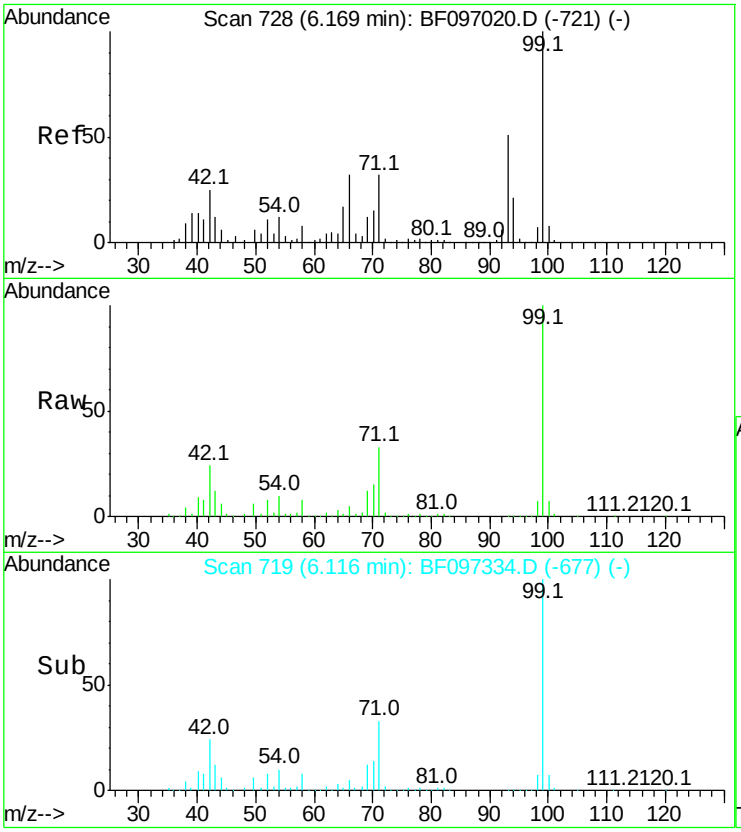


#5
2-Fluorophenol
Concen: 97.263 ng
RT: 5.03 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:112 Resp: 752568

Ion	Ratio	Lower	Upper
112	100		
64	68.1	46.0	69.0
63	35.0	23.4	35.0



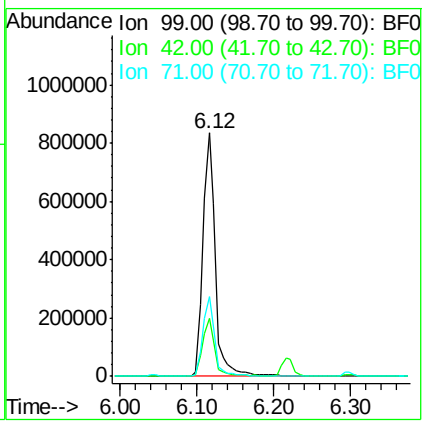


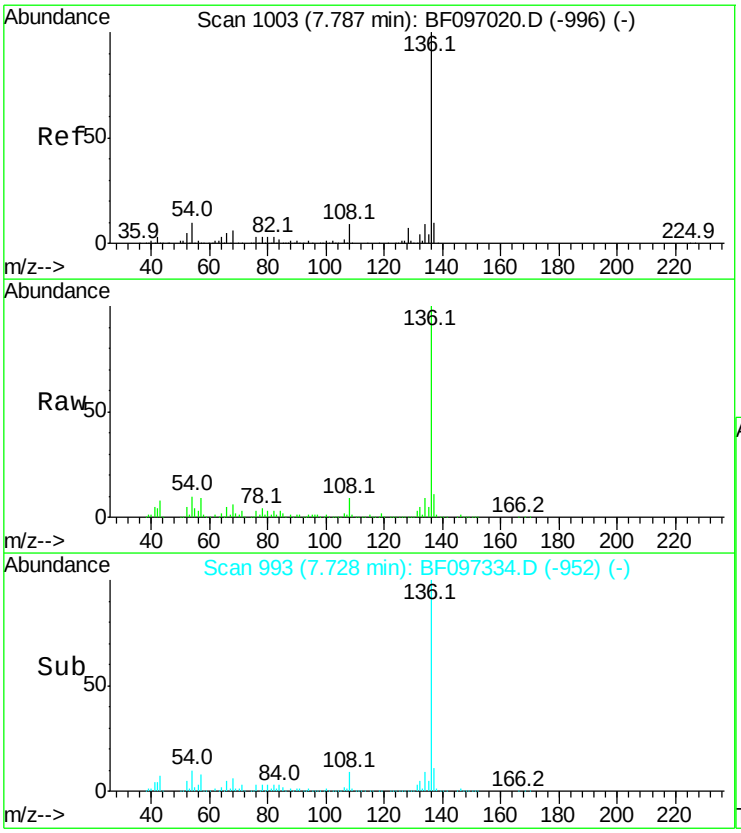
#7
Phenol-d6
Concen: 106.240 ng
RT: 6.12 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion: 99 Resp: 938441

Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	32.6	24.5	36.7

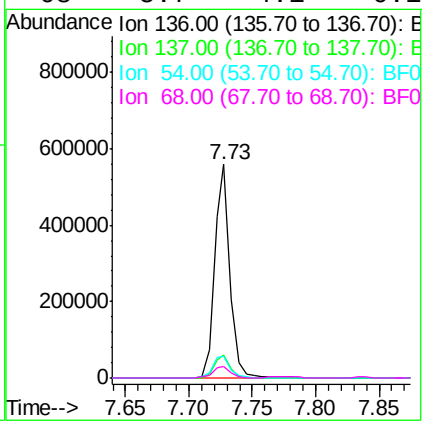


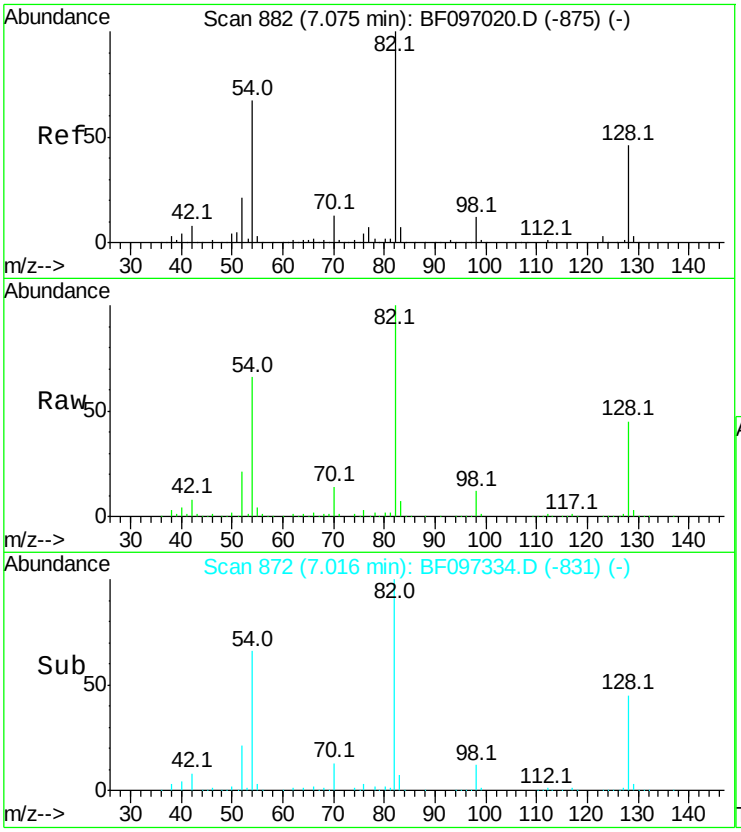


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:136 Resp: 473002

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.3	4.9	7.3#
68	5.7	4.1	6.1



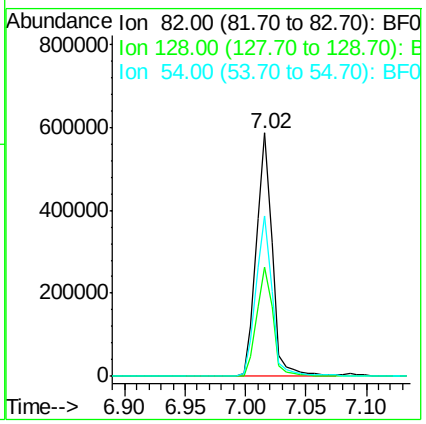


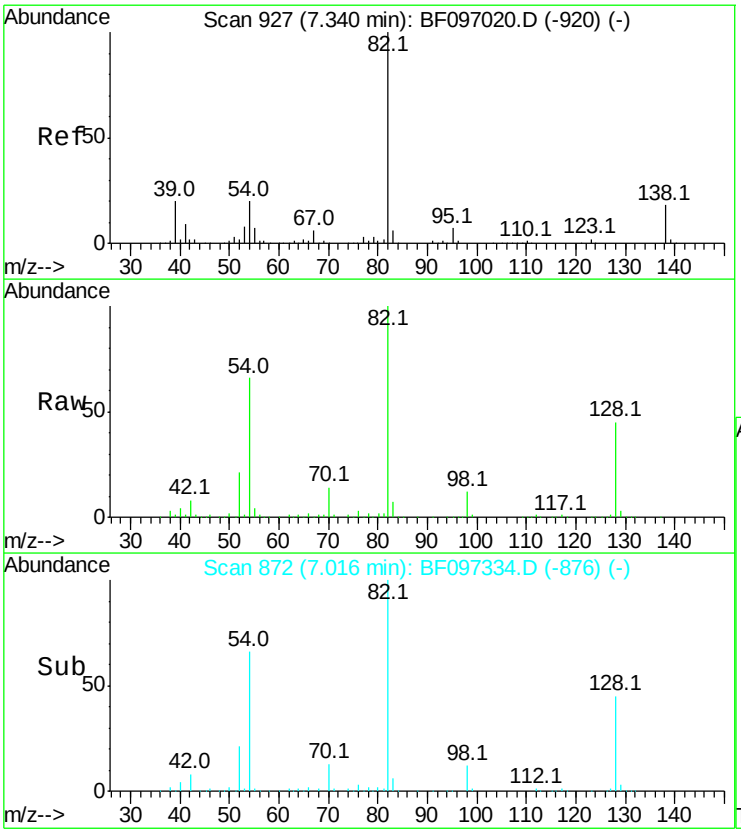
#23
Nitrobenzene-d5
Concen: 67.559 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion: 82 Resp: 544723

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	66.0	42.2	63.2#

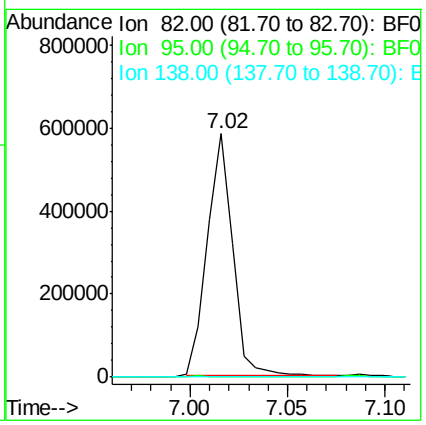


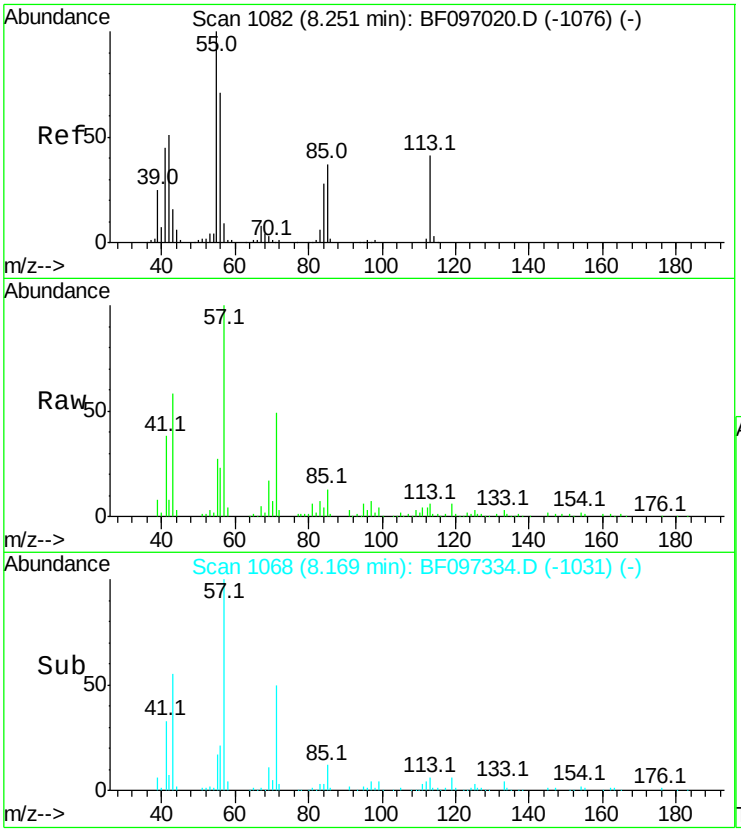


#25
Isophorone
Concen: 33.305 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.32 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion: 82 Resp: 525897

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.3	7.9#
138	0.0	13.1	19.7#



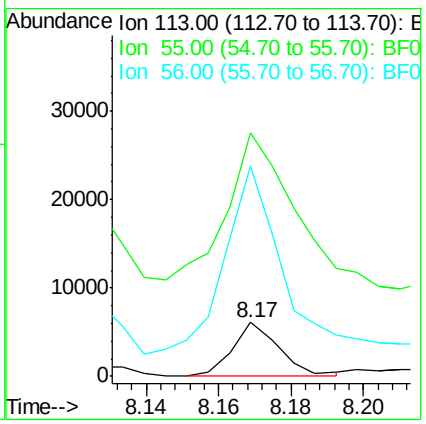


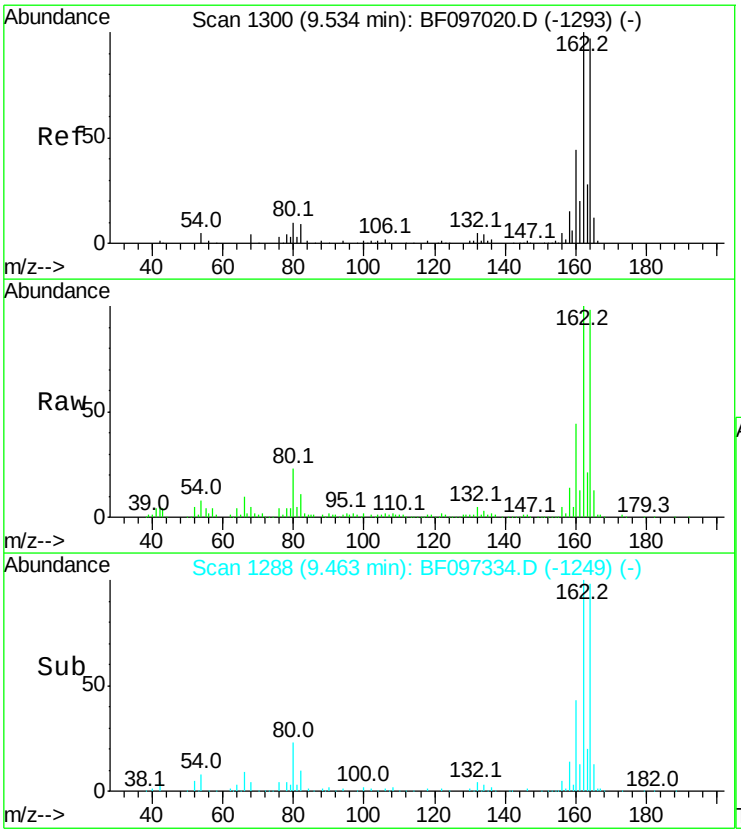
#35
Caprolactam
Concen: 2.693 ng
RT: 8.17 min Scan# 1068
Delta R.T. -0.08 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:113 Resp: 5575

Ion	Ratio	Lower	Upper
113	100		
55	451.1	150.2	190.2#
56	390.2	107.8	147.8#

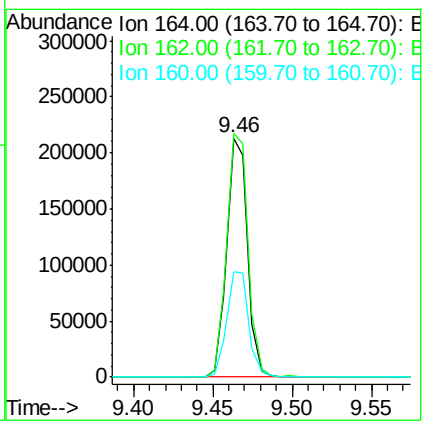


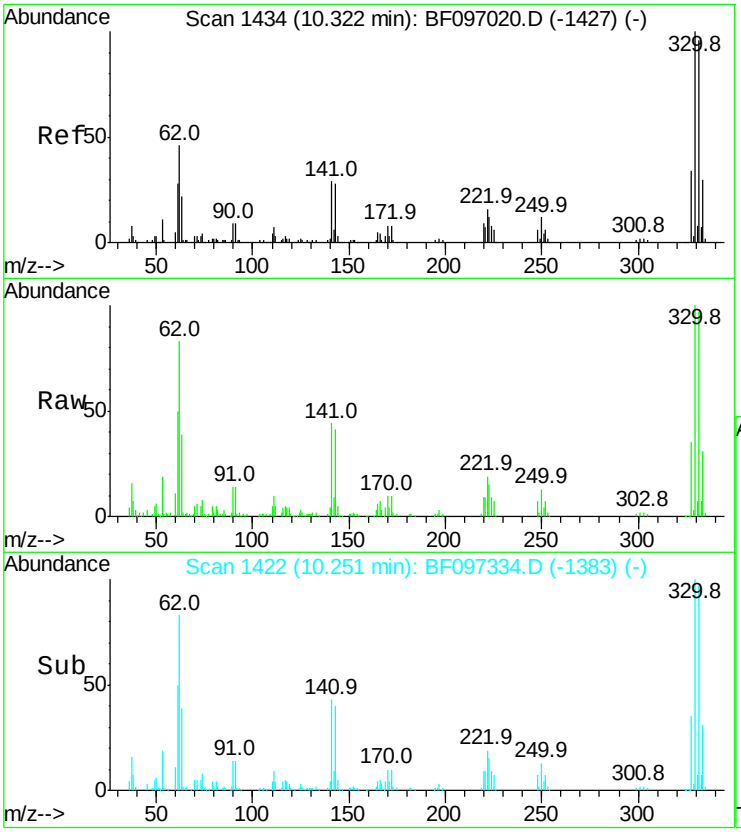


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:164 Resp: 193163

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	44.4	36.2	54.2



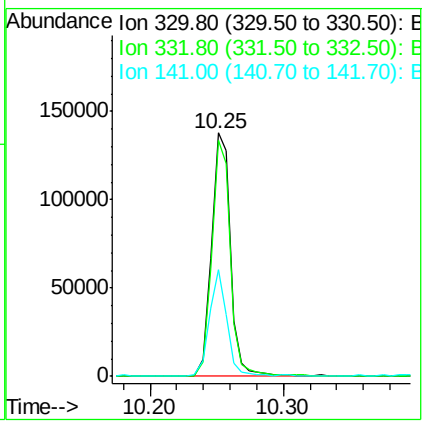


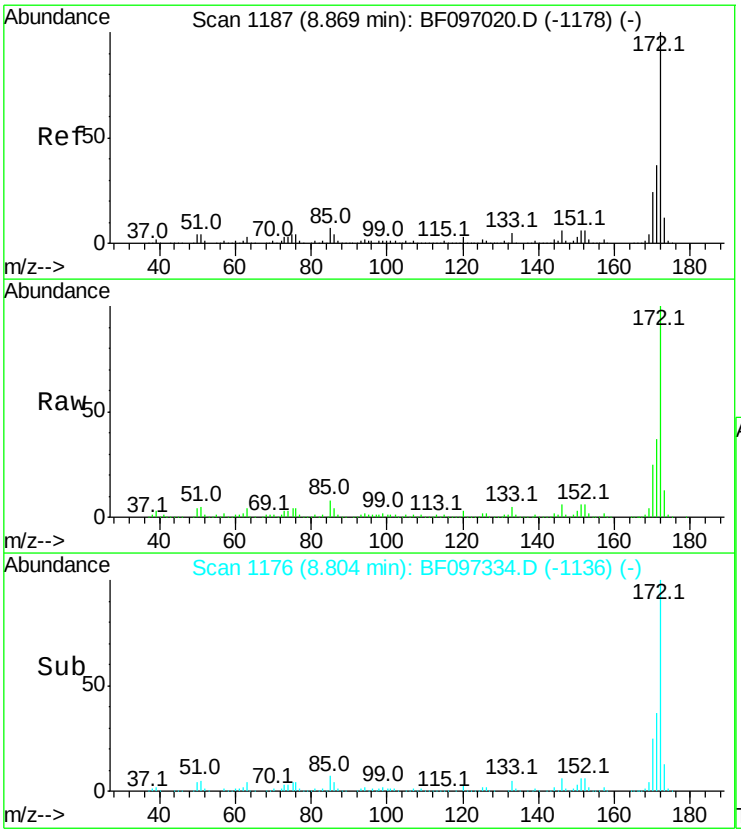
#41
2,4,6-Tribromophenol
Concen: 90.836 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.07 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:330 Resp: 138631

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	39.3	31.4	47.2

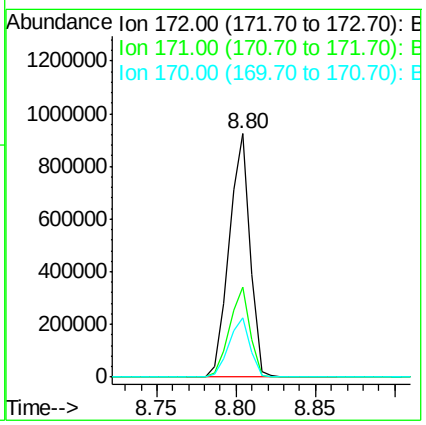


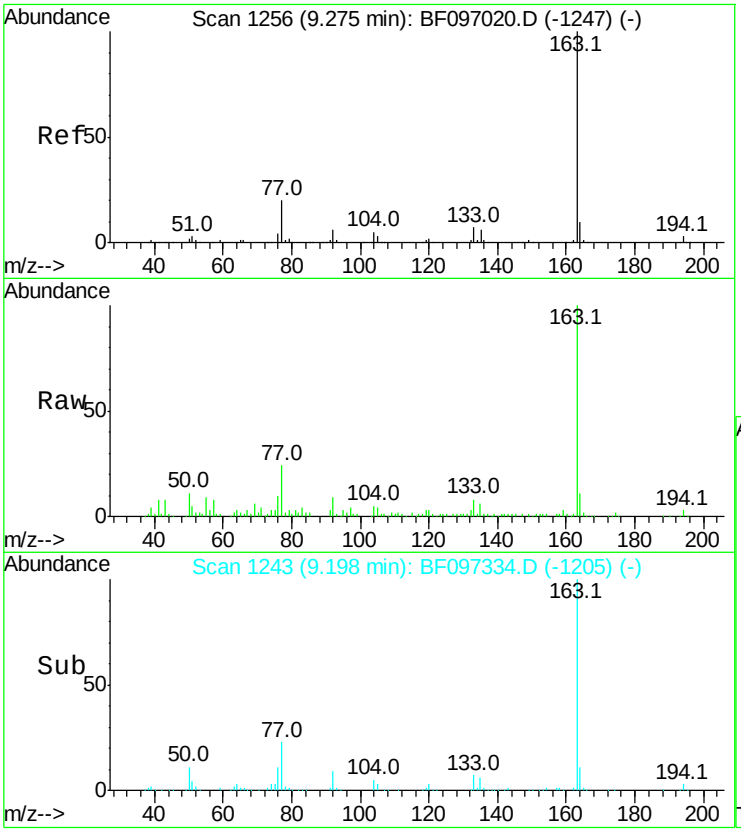


#44
2-Fluorobiphenyl
Concen: 73.997 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:172 Resp: 842231

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	19.8	29.8



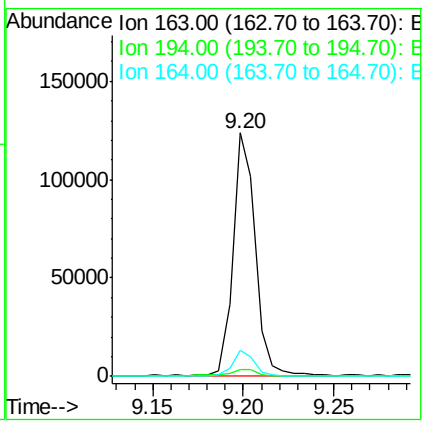


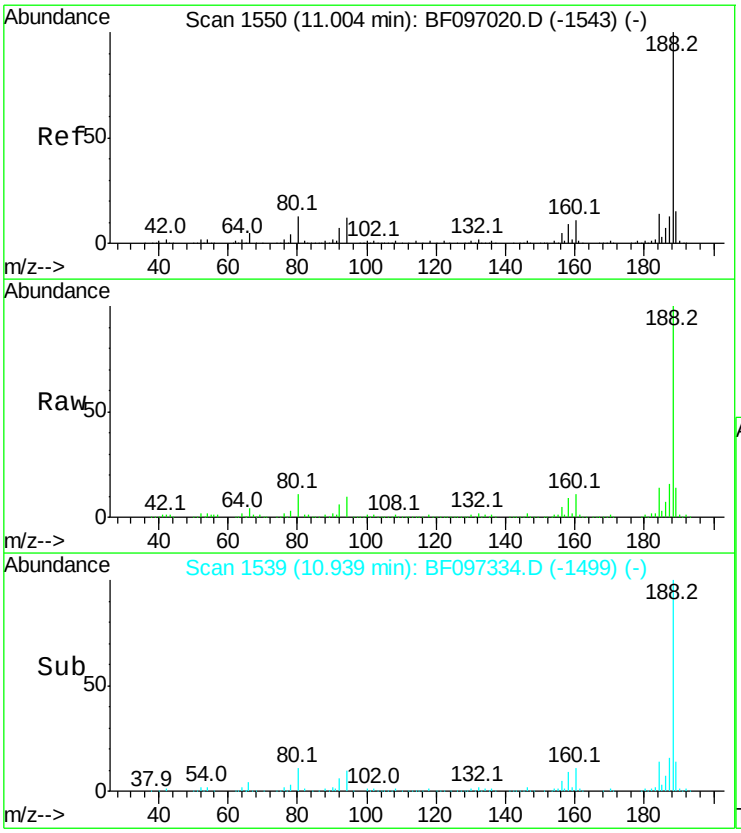
#49
Dimethylphthalate
Concen: 7.184 ng
RT: 9.20 min Scan# 1243
Delta R.T. -0.08 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:163 Resp: 105371

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.9	8.4	12.6

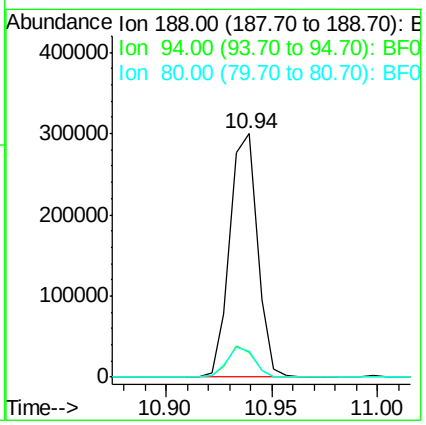


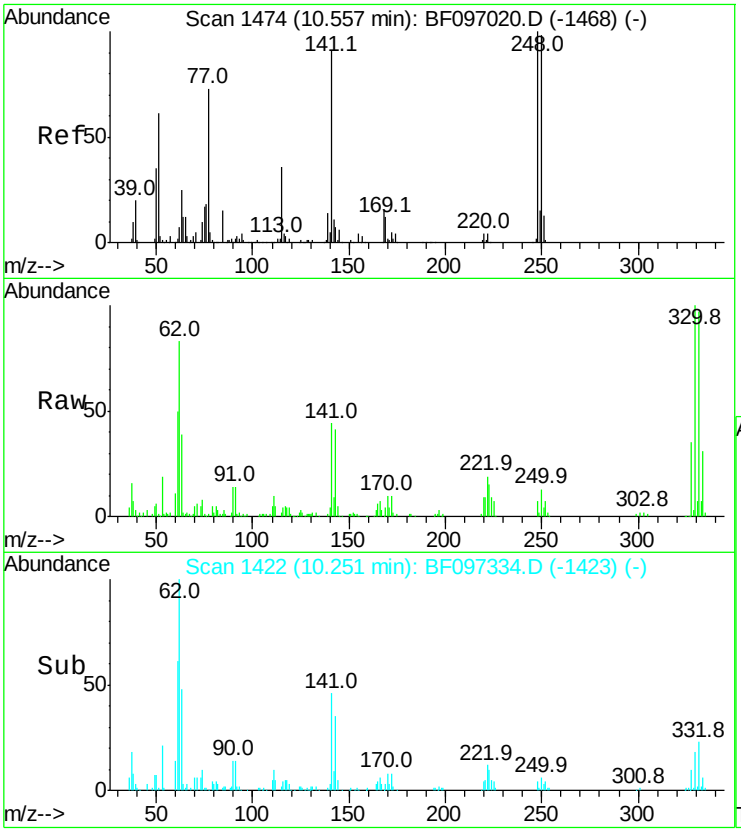


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:188 Resp: 271657

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.8	10.2	15.2



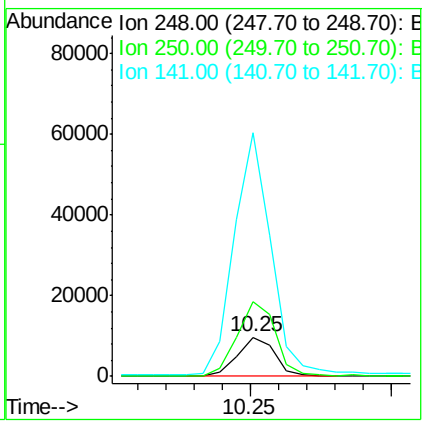


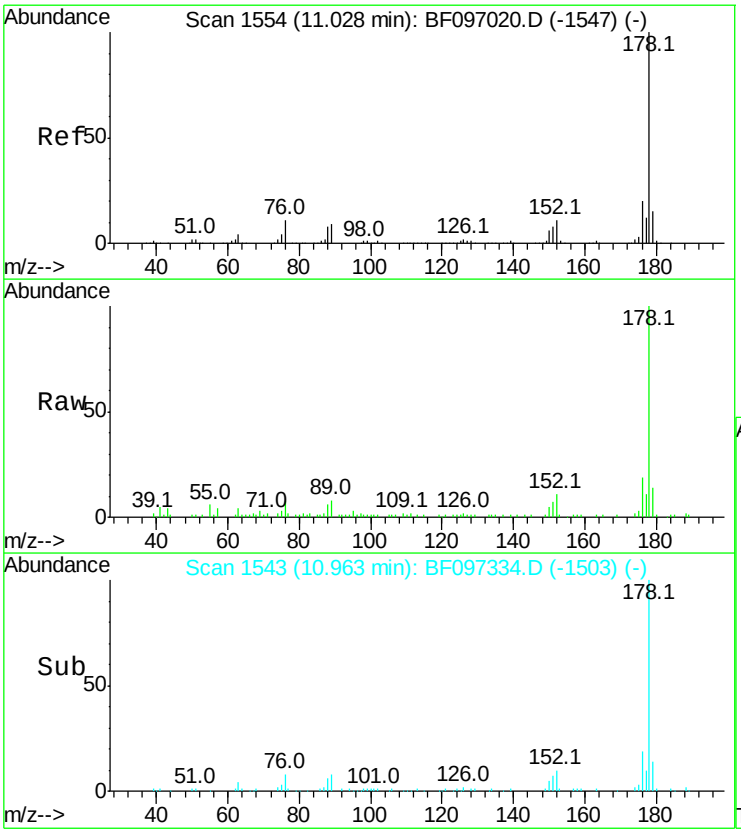
#66
4-Bromophenyl-phenylether
Concen: 3.270 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.31 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:248 Resp: 8865

Ion	Ratio	Lower	Upper
248	100		
250	189.4	76.8	115.2#
141	621.8	68.6	103.0#

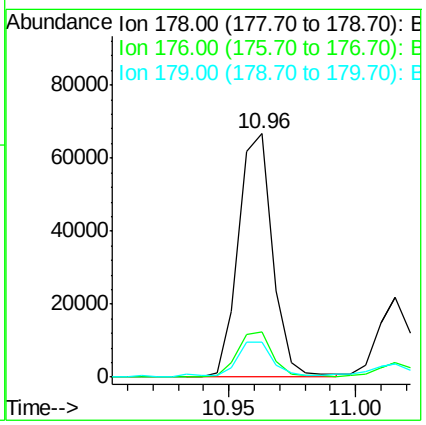


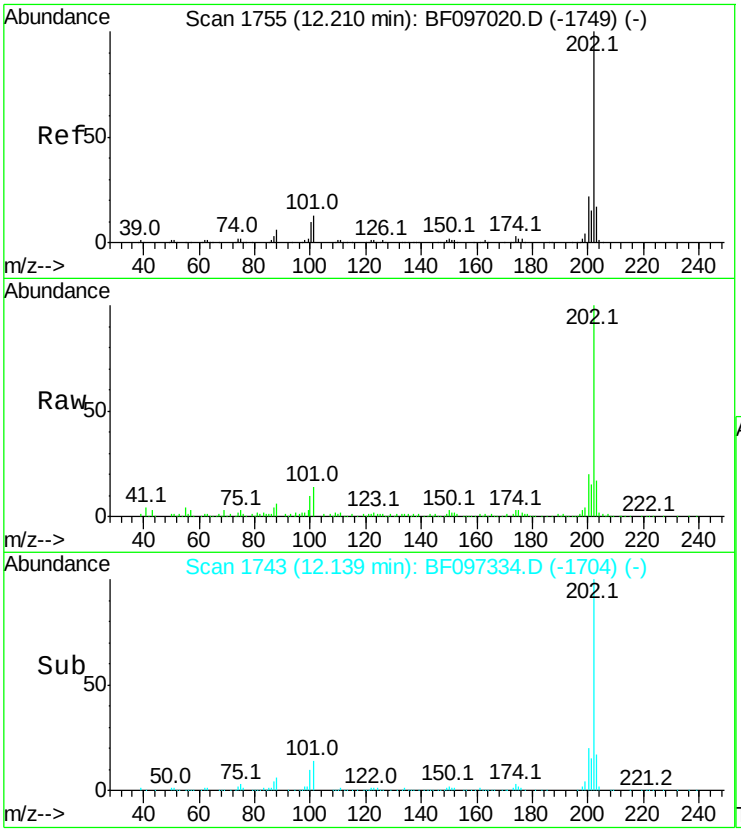


#70
Phenanthrene
Concen: 4.322 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:178 Resp: 62903

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.2	12.6	19.0



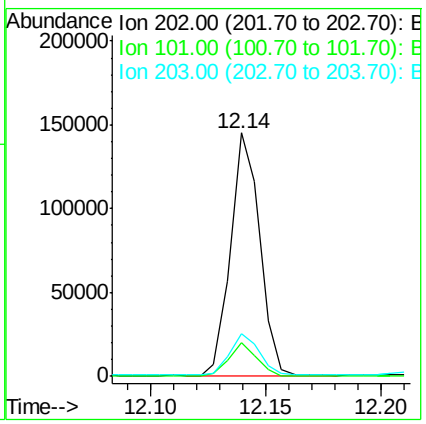


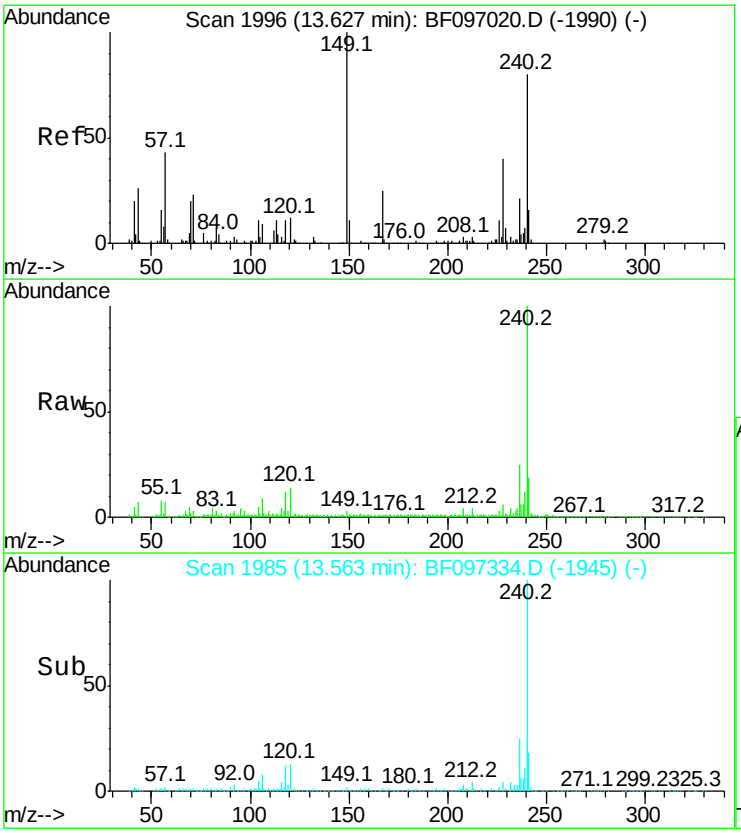
#74
Fluoranthene
Concen: 8.966 ng
RT: 12.14 min Scan# 1743
Delta R.T. -0.07 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:202 Resp: 127848

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	17.4	0.0	38.1

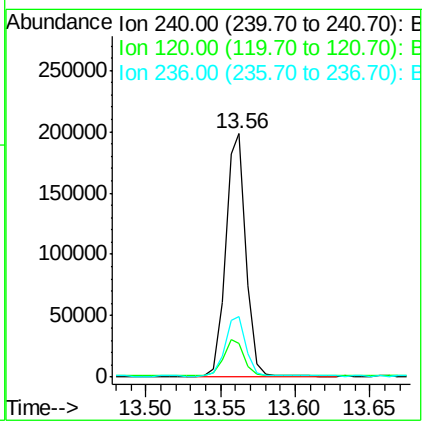


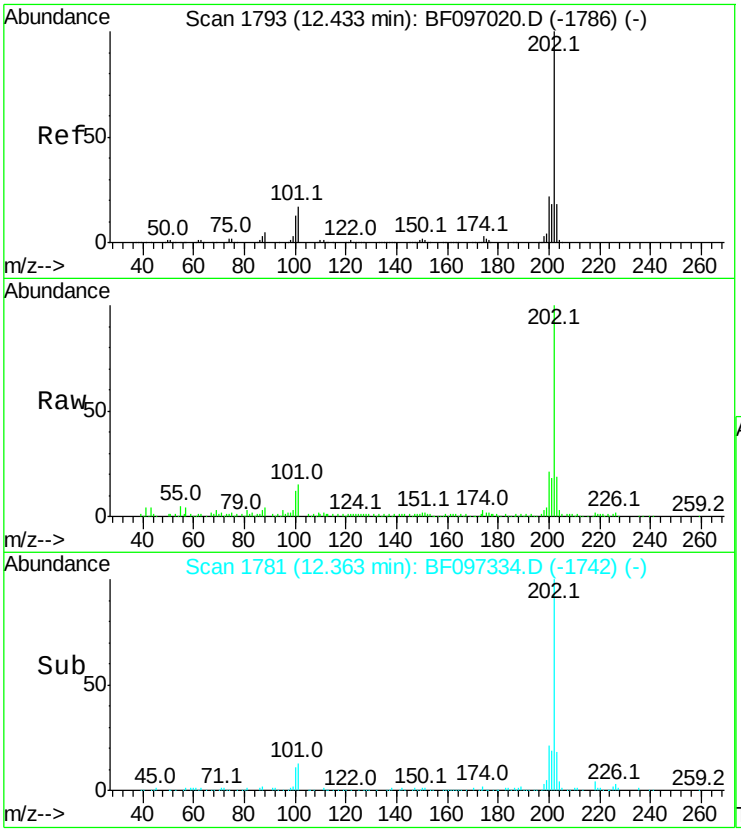


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:240 Resp: 189416

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.1	20.5	30.7



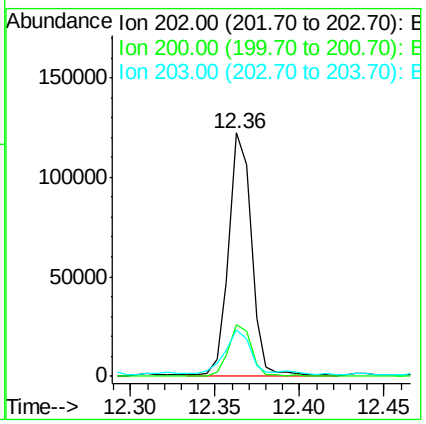


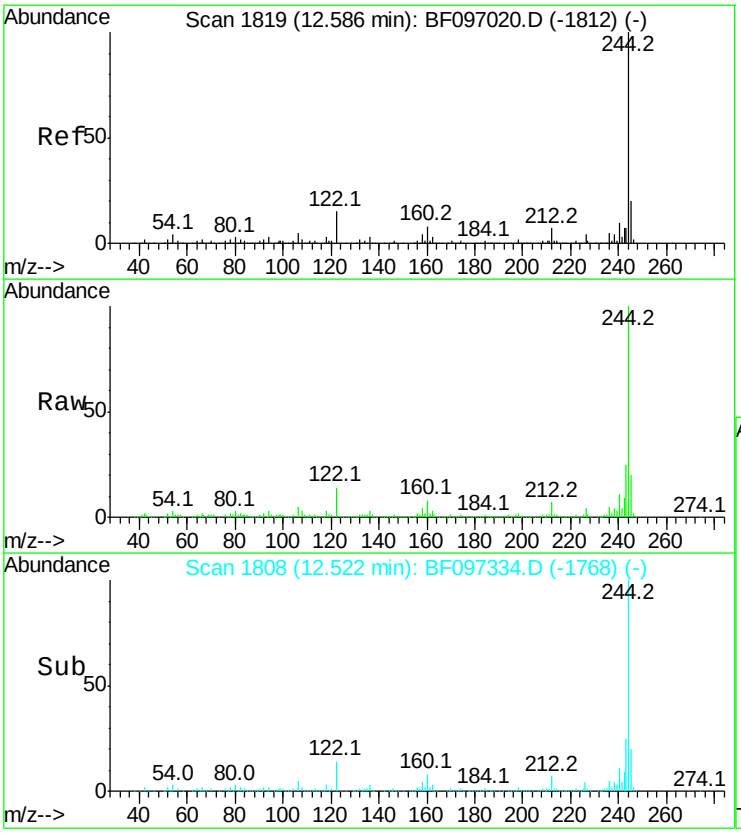
#77
Pyrene
Concen: 7.355 ng
RT: 12.36 min Scan# 1781
Delta R.T. -0.07 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:202 Resp: 114059

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	19.2	14.4	21.6

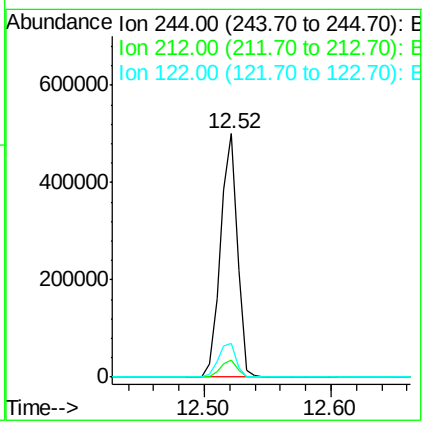


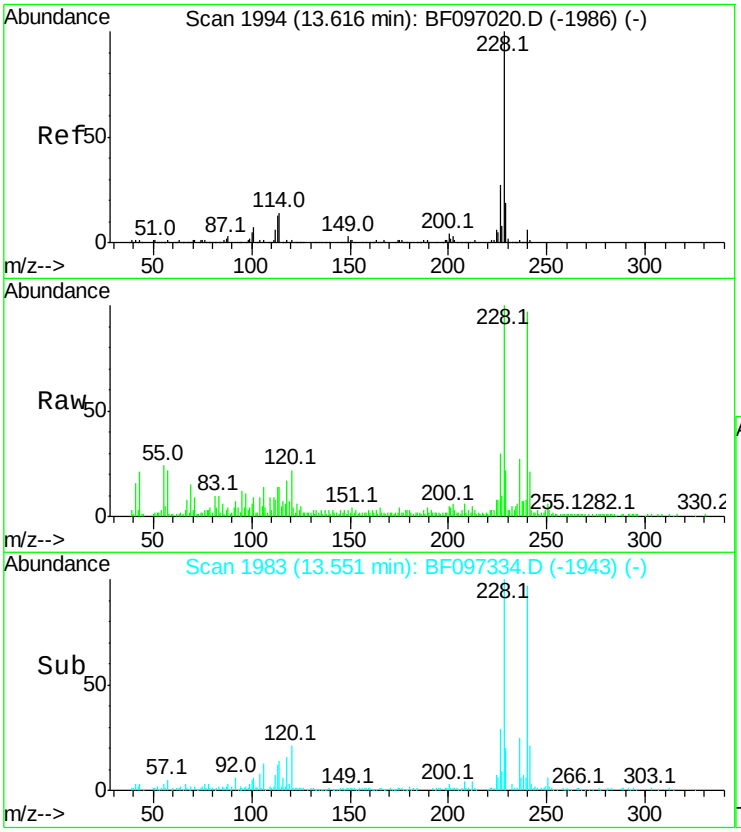


#78
Terphenyl-d14
Concen: 50.077 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:244 Resp: 465234

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.1	10.3	15.5



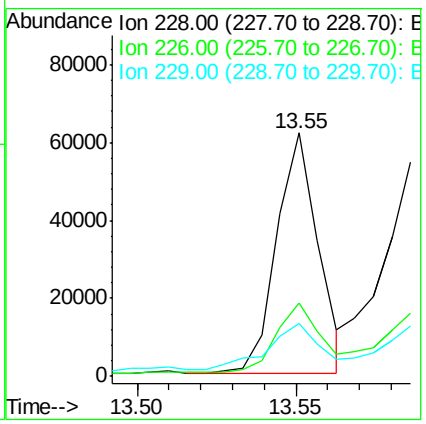


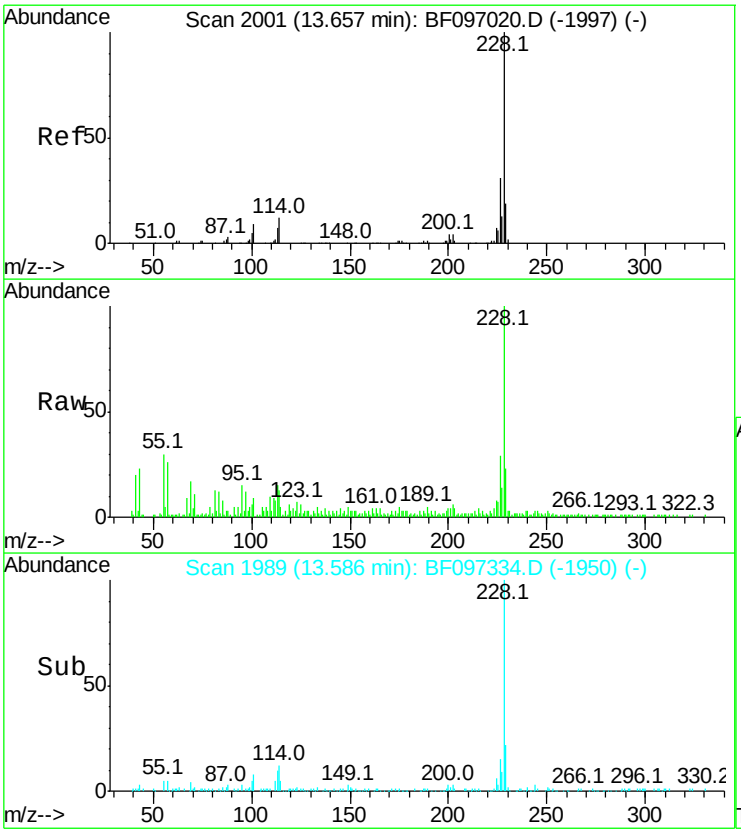
#80
Benzo(a)anthracene
Concen: 4.629 ng
RT: 13.55 min Scan# 1983
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:228 Resp: 56731

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.8	16.3	24.5

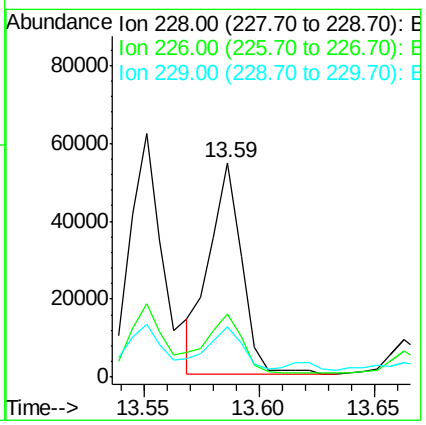


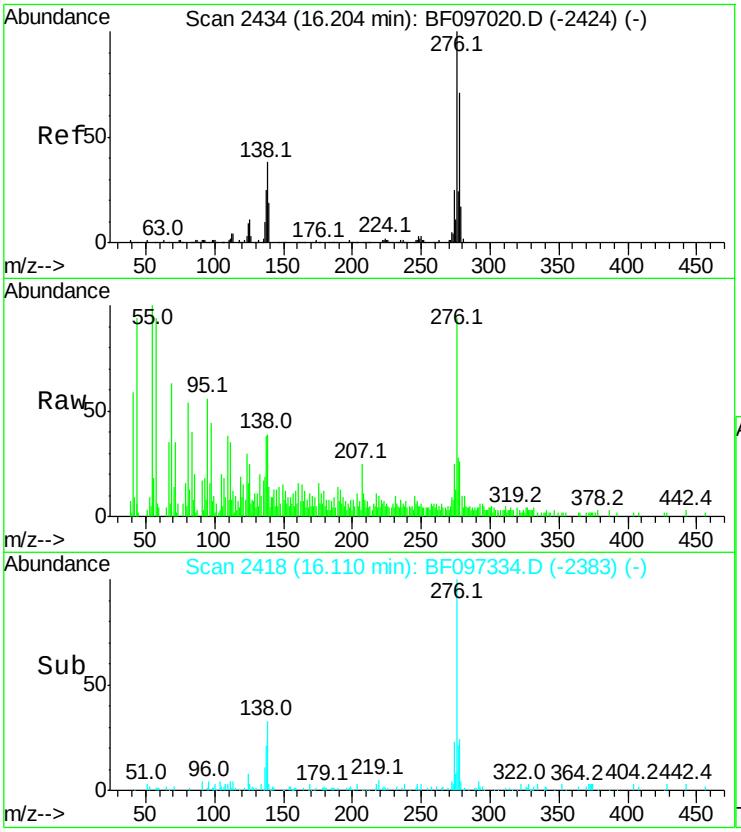


#82
Chrysene
Concen: 4.444 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.07 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:228 Resp: 53182

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	23.3	15.8	23.6



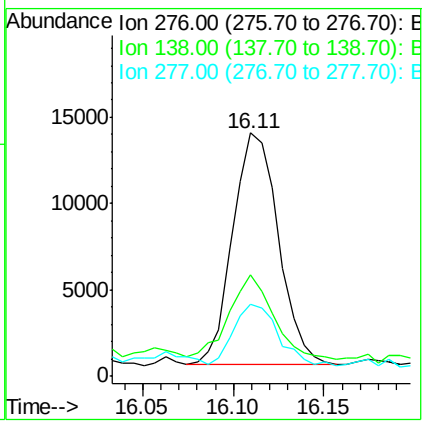


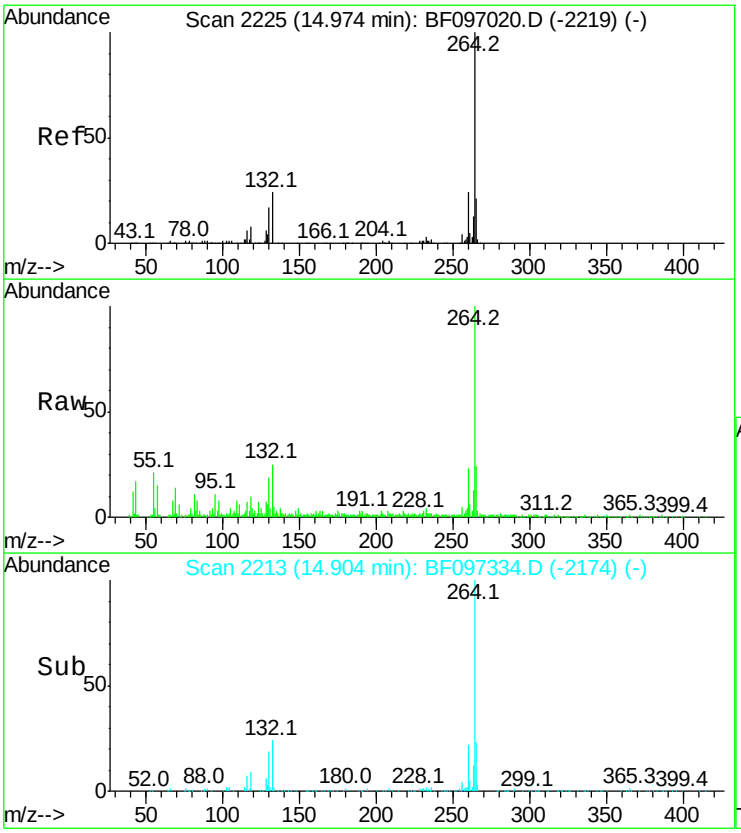
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.307 ng
RT: 16.11 min Scan# 2418
Delta R.T. -0.09 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:276 Resp: 23678

Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.3	20.2	30.4

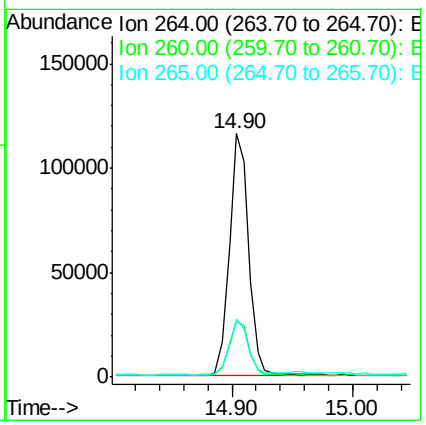


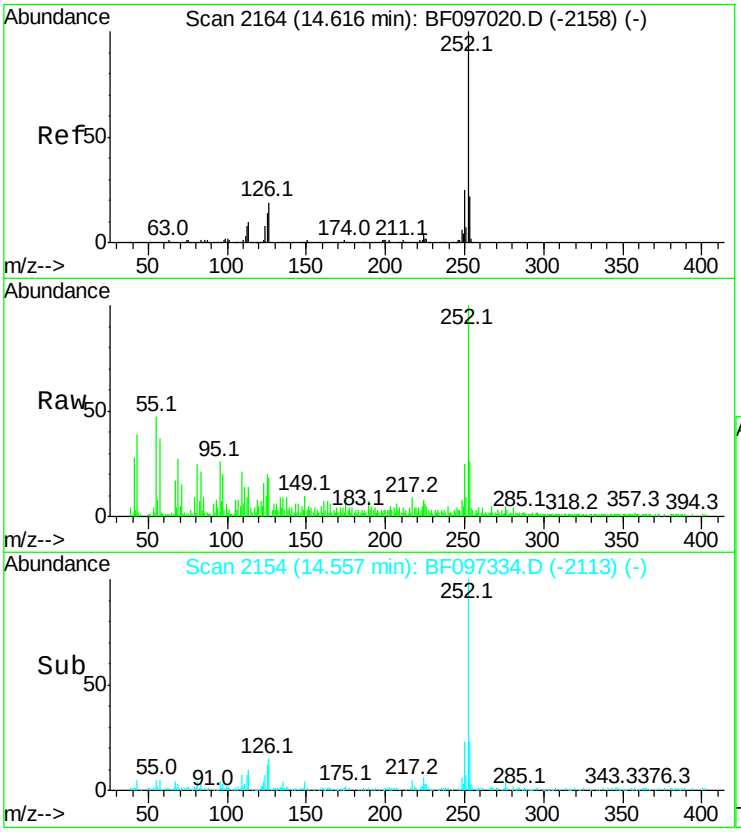


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.90 min Scan# 2213
Delta R.T. -0.07 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:264 Resp: 129463

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	24.0	17.2	25.8



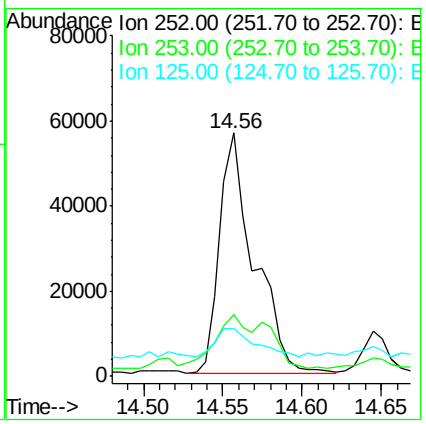


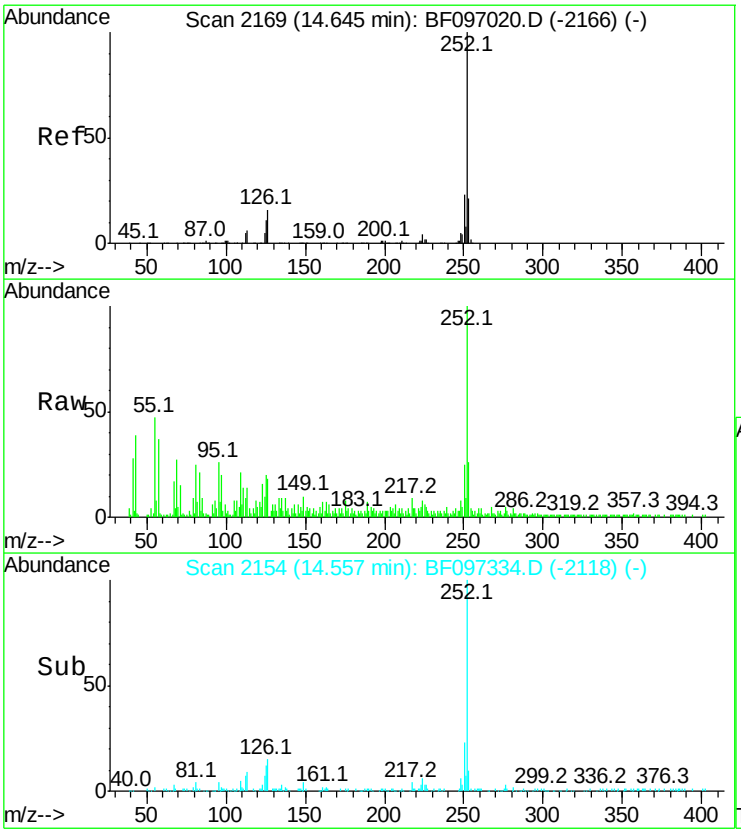
#87
Benzo(b)fluoranthene
Concen: 10.952 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:252 Resp: 85234

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	19.8	9.8	14.8#

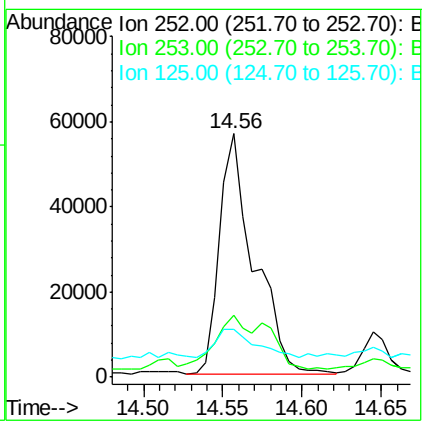


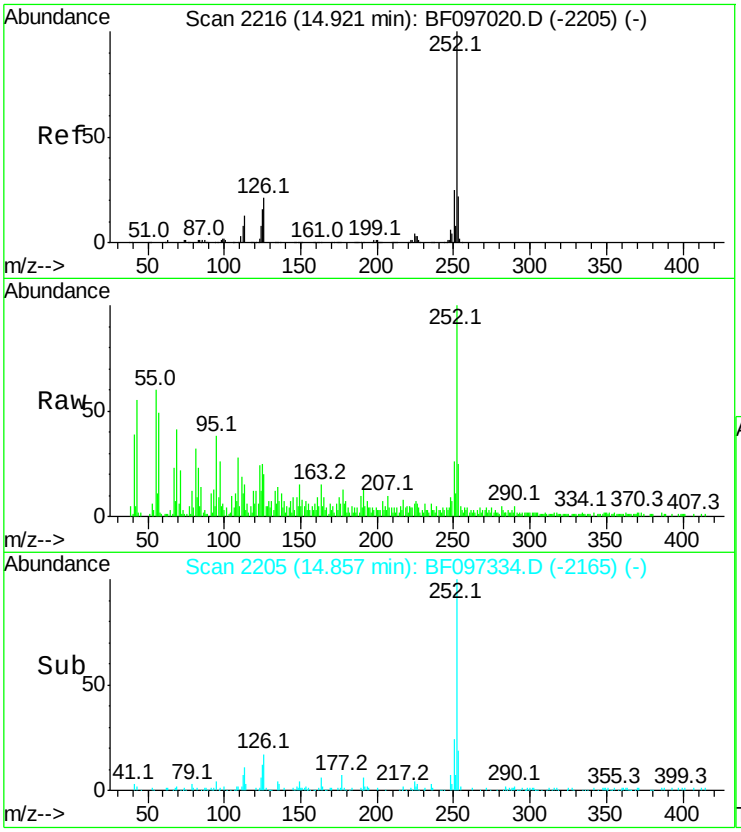


#88
Benzo(k)fluoranthene
Concen: 11.493 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.09 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:252 Resp: 85234

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	19.8	13.1	19.7#



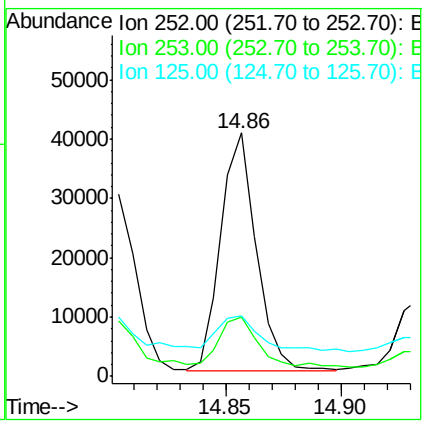


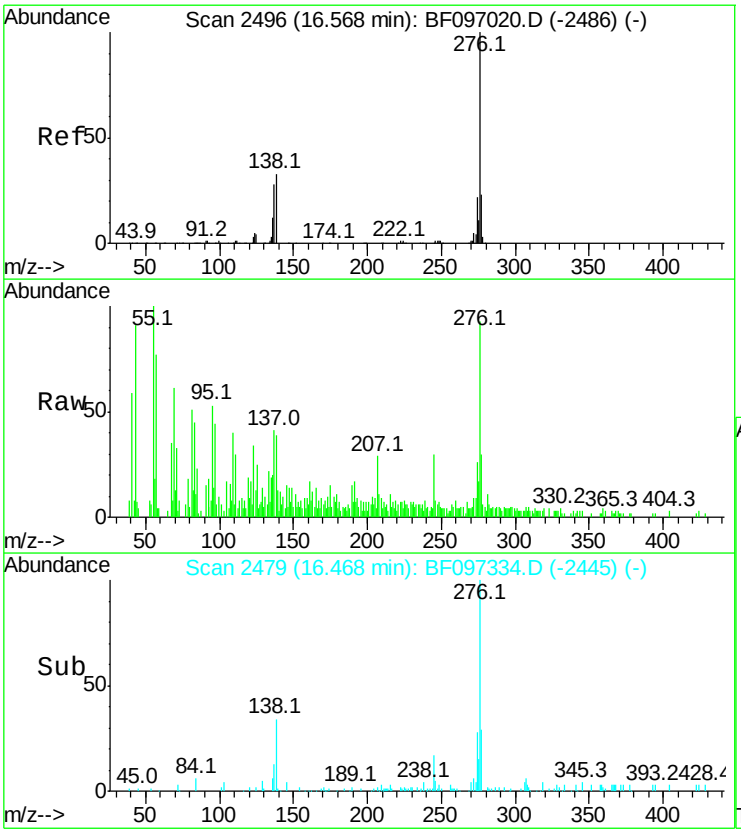
#89
Benzo(a)pyrene
Concen: 6.013 ng
RT: 14.86 min Scan# 2205
Delta R.T. -0.06 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-F

Tgt Ion:252 Resp: 42830

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	24.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.945 ng
RT: 16.47 min Scan# 2479
Delta R.T. -0.10 min
Lab File: BF097334.D
Acq: 3 Aug 2017 23:24

Tgt Ion:276 Resp: 24161

Ion	Ratio	Lower	Upper
276	100		
277	32.4	18.6	28.0#
138	42.5	25.4	38.0#