Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097205.D
Acq On : 31 Jul 2017 14:01
Operator : SJ/JU
Sample : I4466-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-072617

Quant Time: Jul 31 15:09:27 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	6.47	152	120214	20.00	ng		-0.02
21) Naphthalene-d8	7.76	136	441488	20.00	ng		-0.02
38) Acenaphthene-d10	9.50	164	177029	20.00	ng		-0.03
63) Phenanthrene-d10	10.98	188	209316	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	201533	20.00	ng		-0.02
86) Perylene-d12	14.96	264	206186	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	217519	27.28	ng		-0.03
7) Phenol-d6	6.13	99	239674	26.33	ng		-0.04
23) Nitrobenzene-d5	7.05	82	124027	16.48	ng		-0.03
41) 2,4,6-Tribromophenol	10.29	330	28923	20.68	ng		-0.03
44) 2-Fluorobiphenyl	8.84	172	237398	22.76	ng		-0.03
78) Terphenyl-d14	12.57	244	123339	12.48	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.05	70	16141	2.694	ng	#	84
25) Isophorone	7.05	82	124026	8.415	ng	#	67
49) Dimethylphthalate	9.24	163	33398	2.484	ng		99
51) Acenaphthene	9.54	154	22088	2.196	ng		98
57) Fluorene	10.05	166	29893	2.968	ng	#	93
59) Diethylphthalate	9.94	149	32821	2.661	ng		100
70) Phenanthrene	11.00	178	255589	22.789	ng		97
71) Anthracene	11.06	178	96508	8.402	ng		99
74) Fluoranthene	12.19	202	509923	46.411	ng		97
77) Pyrene	12.42	202	479945	29.090	ng		99
80) Benzo(a)anthracene	13.60	228	261515	20.055	ng		99
82) Chrysene	13.64	228	229906	18.056	ng		98
85) Indeno(1,2,3-cd)pyrene	16.19	276	142790	13.078	ng		94
87) Benzo(b)fluoranthene	14.61	252	420154	33.899	ng	#	97
88) Benzo(k)fluoranthene	14.61	252	420154	35.574	ng		99
89) Benzo(a)pyrene	14.92	252	235954	20.801	ng		96
90) Dibenzo(a,h)anthracene	16.19	278	34634	3.723	ng	#	77
91) Benzo(g,h,i)perylene	16.56	276	134711	13.809	ng		96

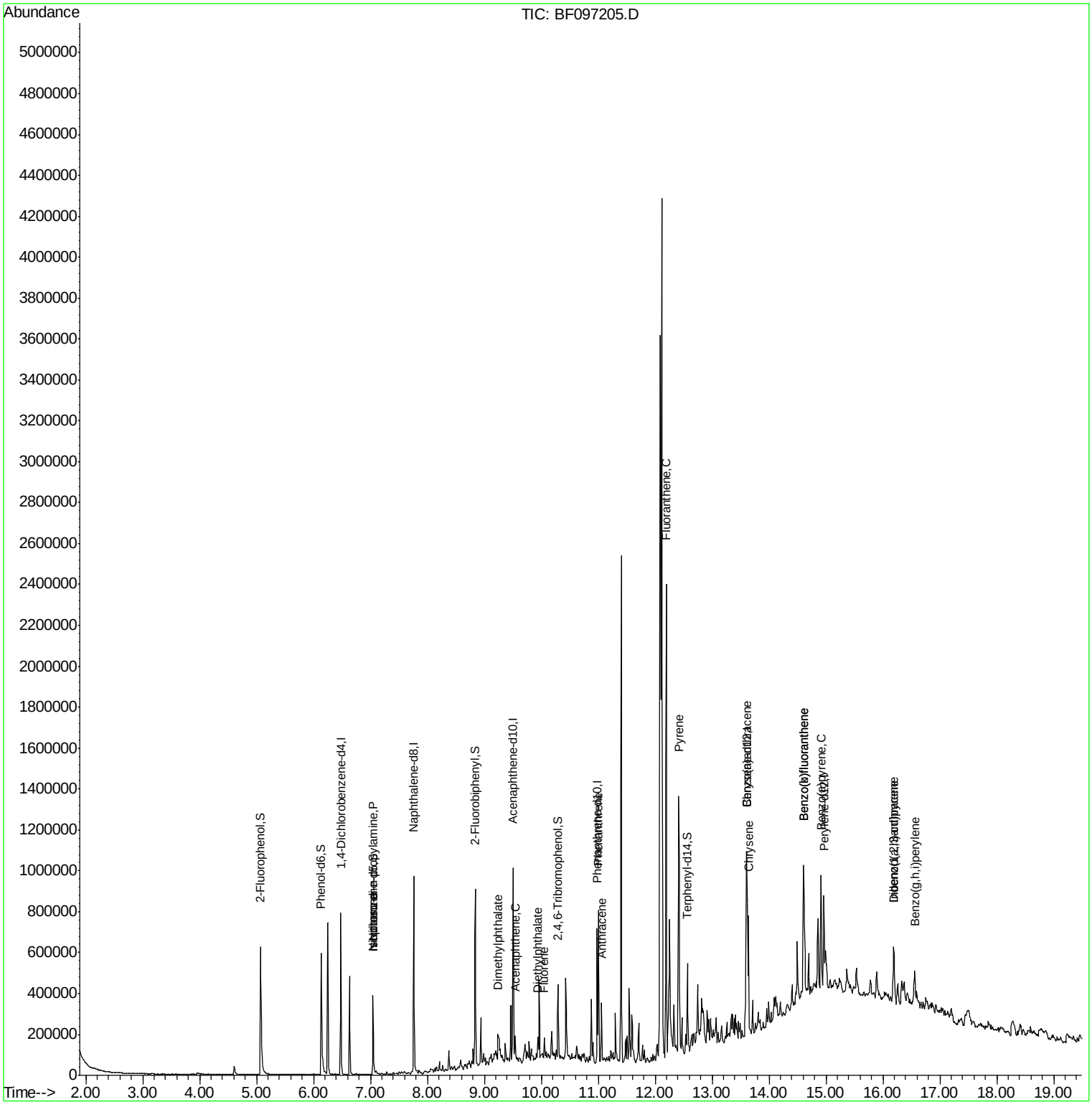
(#) = qualifier out of range (m) = manual integration (+) = signals summed

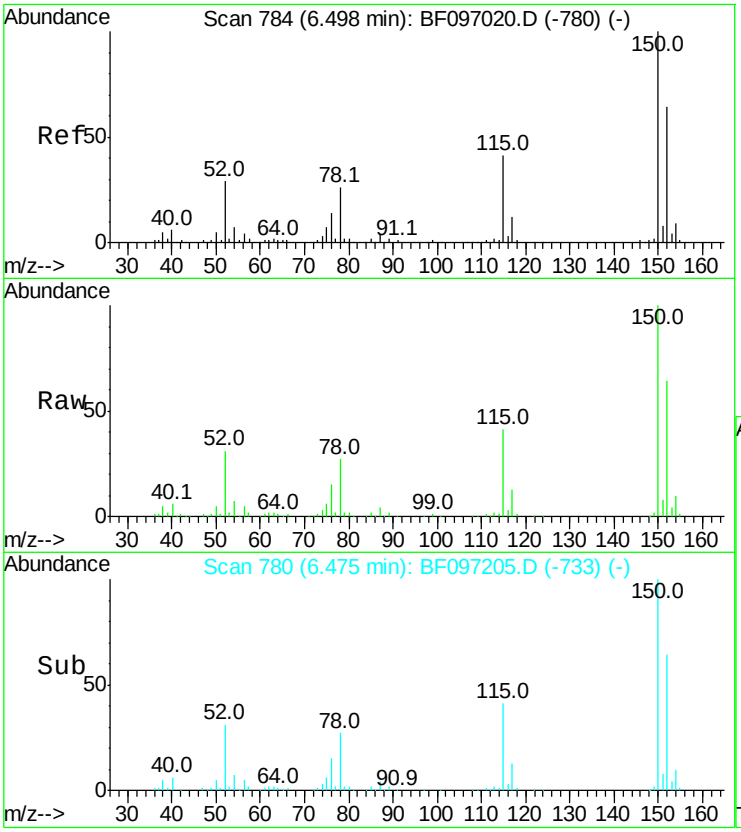
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097205.D
Acq On : 31 Jul 2017 14:01
Operator : SJ/JU
Sample : I4466-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Quant Time: Jul 31 15:09:27 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



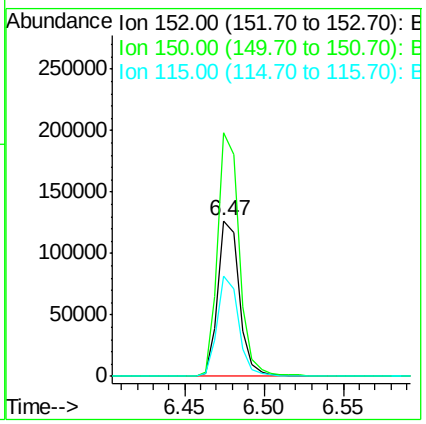


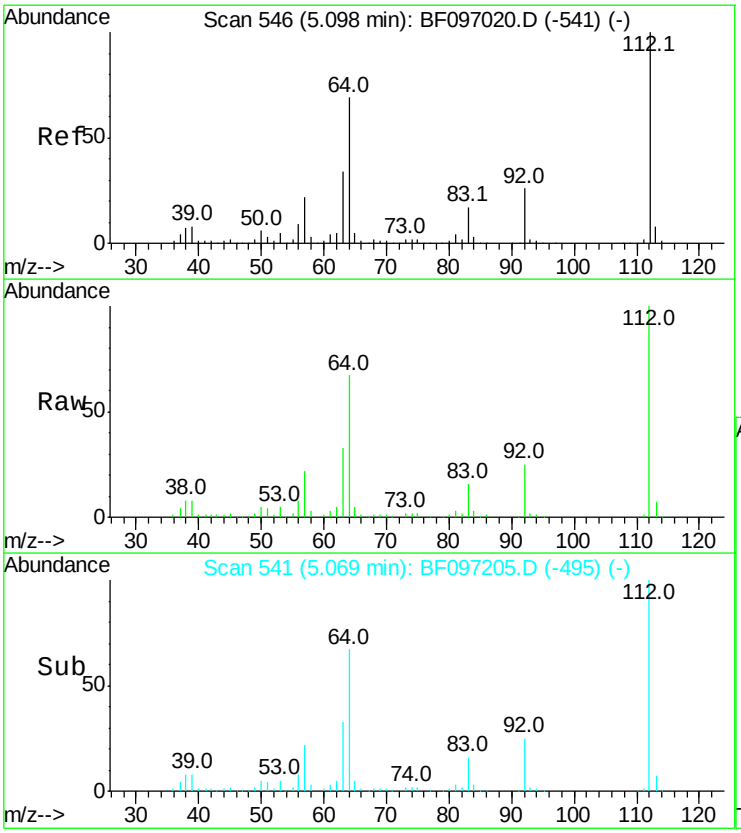
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:152 Resp: 120214

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	64.7	52.2	78.2

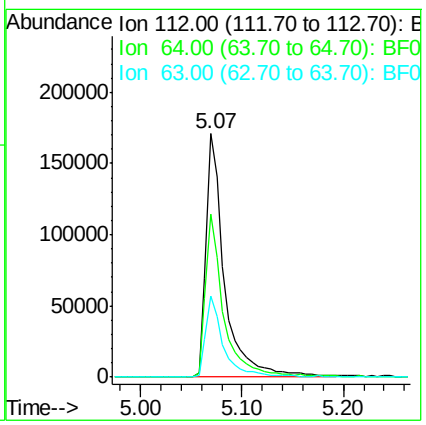


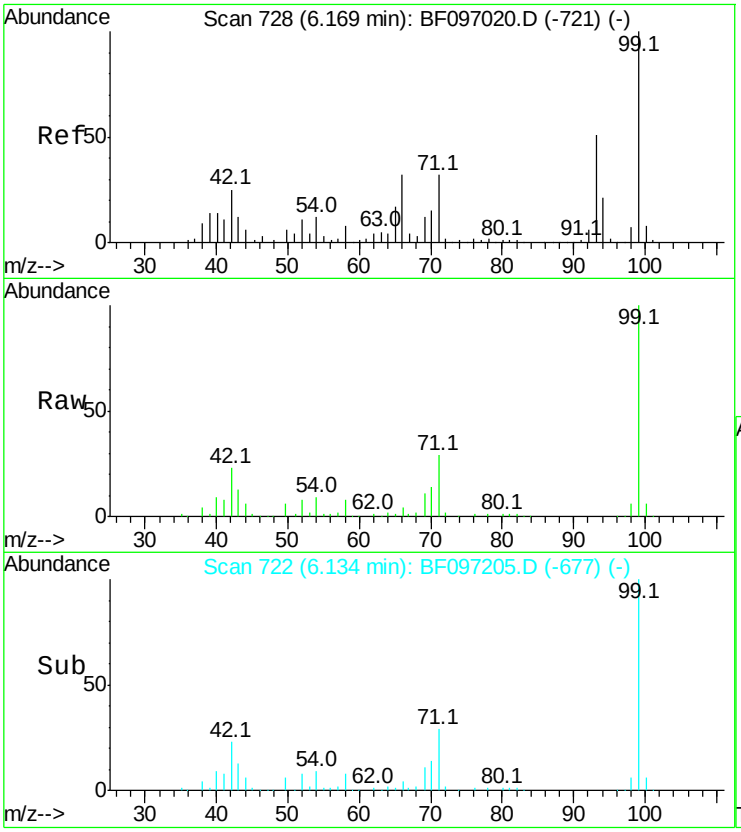


#5
2-Fluorophenol
Concen: 27.277 ng
RT: 5.07 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:112 Resp: 217519

Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	33.5	23.4	35.0



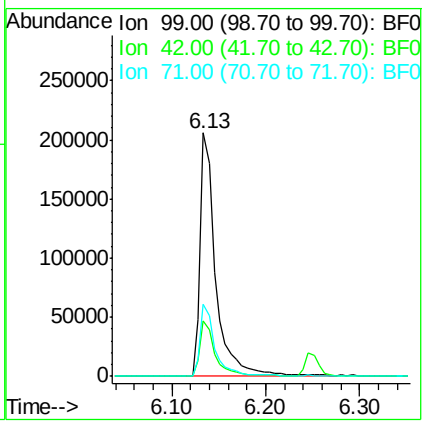


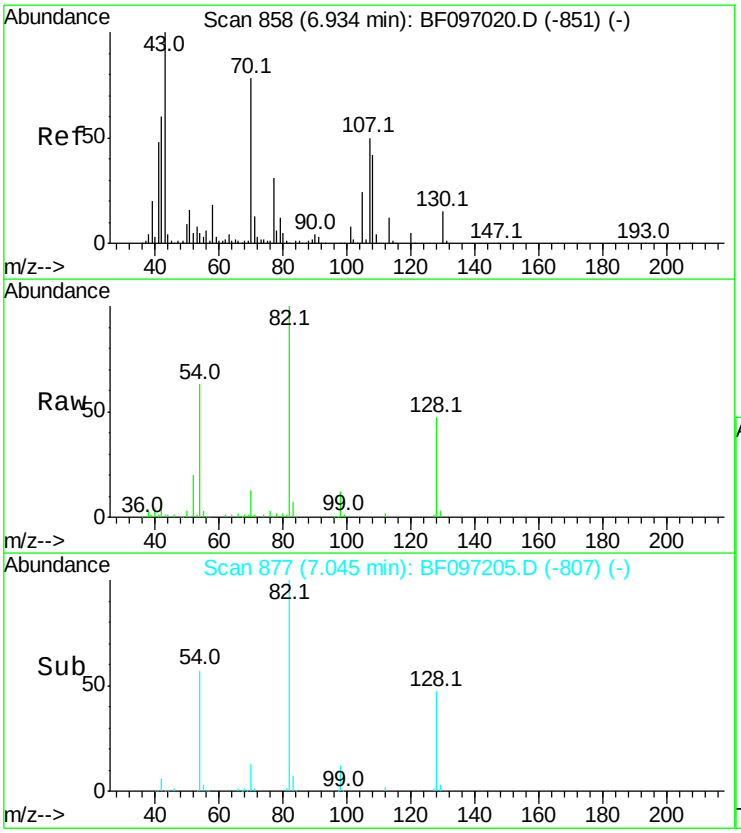
#7
Phenol-d6
Concen: 26.327 ng
RT: 6.13 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion: 99 Resp: 239674

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	29.4	24.5	36.7

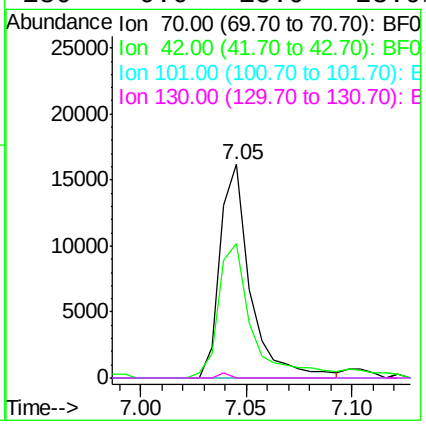


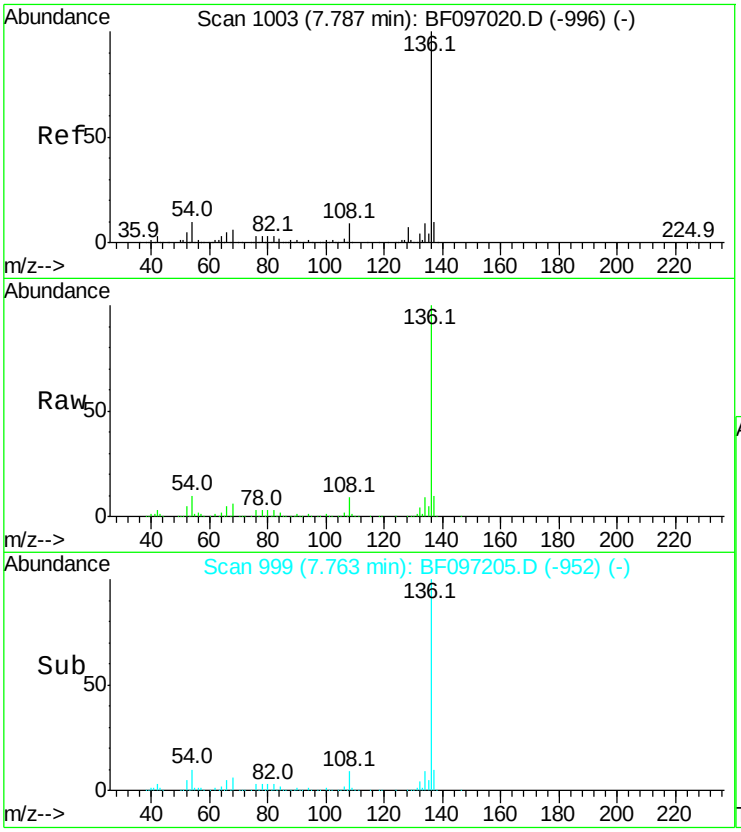


#19
n-Nitroso-di-n-propylamine
Concen: 2.694 ng
RT: 7.05 min Scan# 877
Delta R.T. 0.11 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion: 70 Resp: 16141

Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



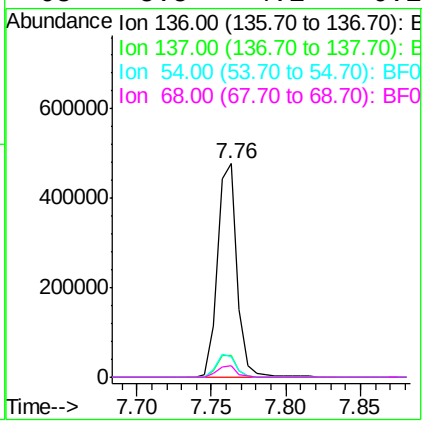


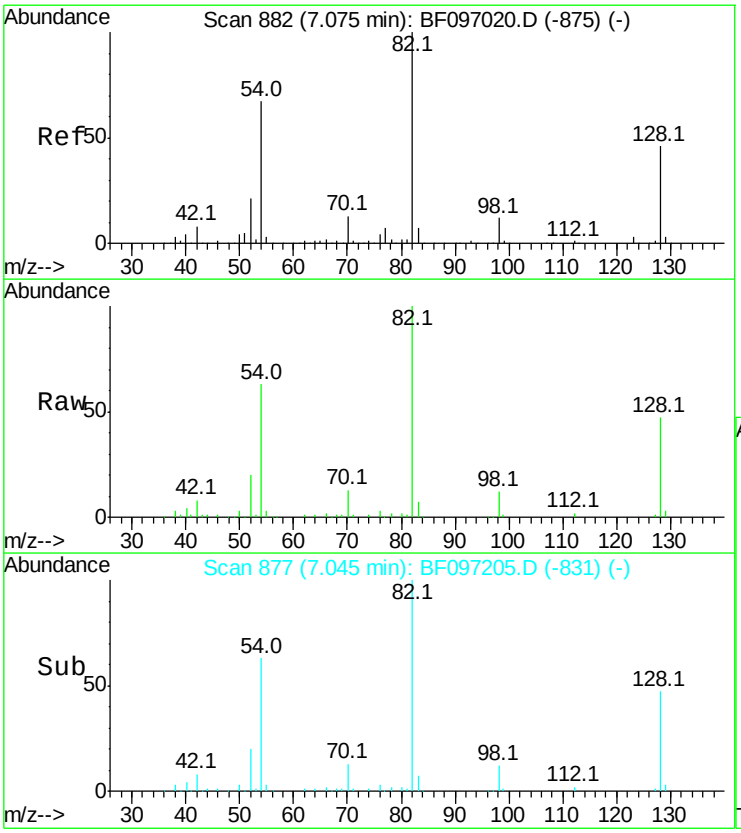
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:136 Resp: 441488

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	9.6	4.9	7.3#
68	5.5	4.1	6.1

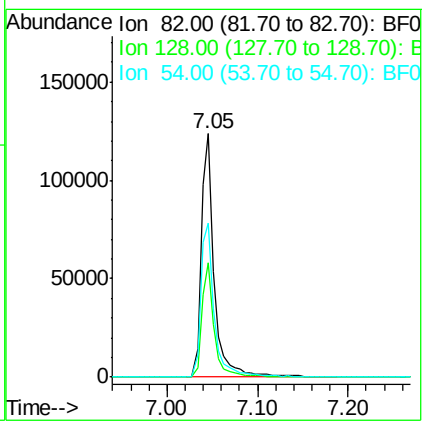


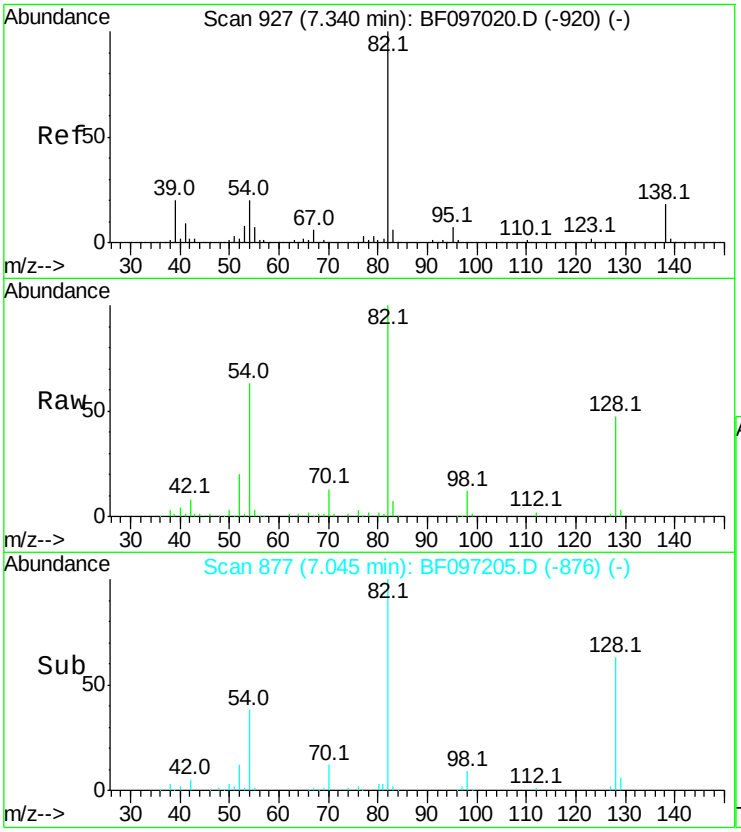


#23
Nitrobenzene-d5
Concen: 16.480 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion: 82 Resp: 124027

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	63.4	42.2	63.2#



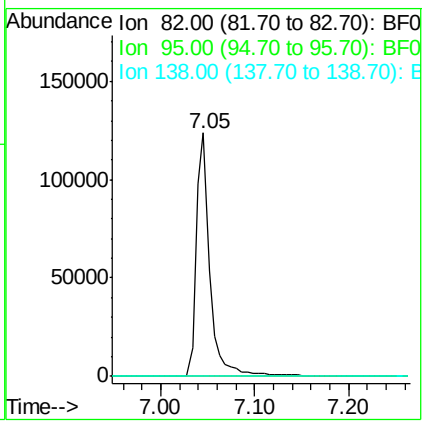


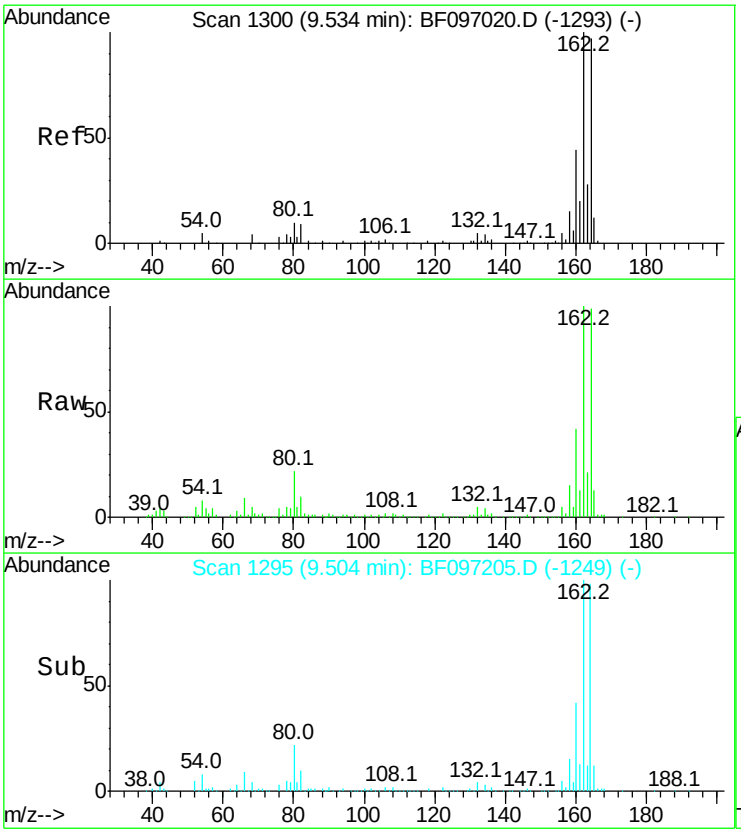
#25
Isophorone
Concen: 8.415 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.29 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion: 82 Resp: 124026

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

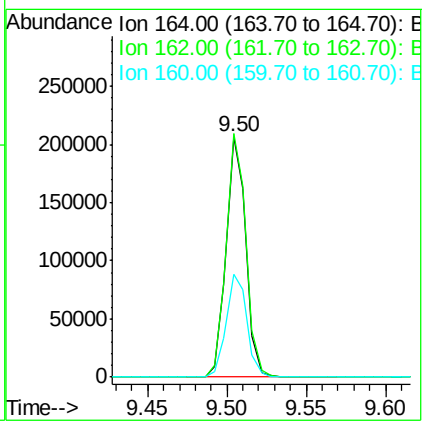


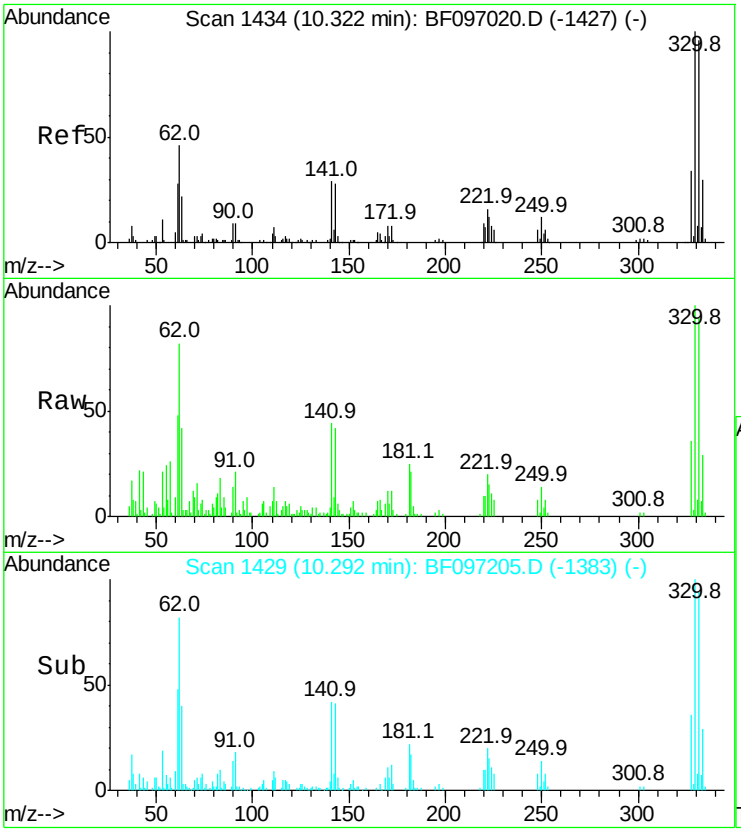


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:164 Resp: 177029

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	42.6	36.2	54.2



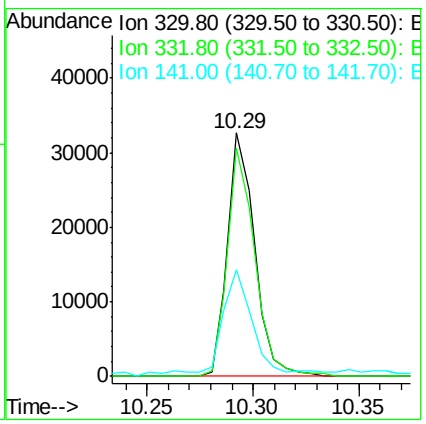


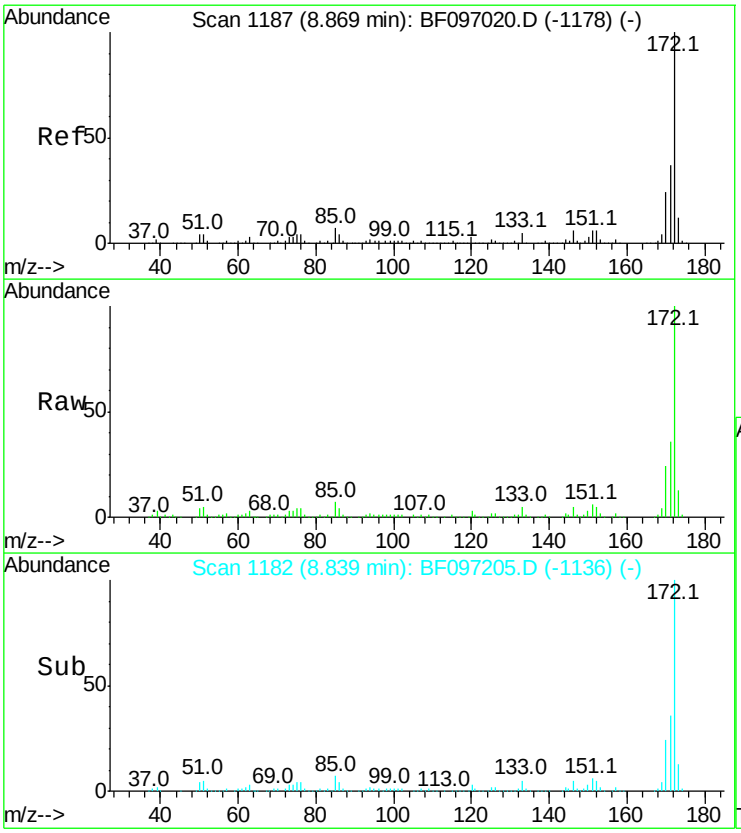
#41
2,4,6-Tribromophenol
Concen: 20.678 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:330 Resp: 28923

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	53.5	31.4	47.2#

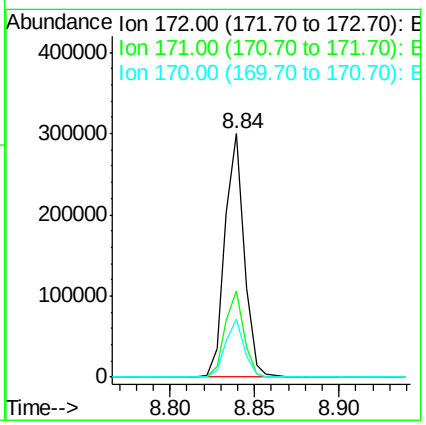


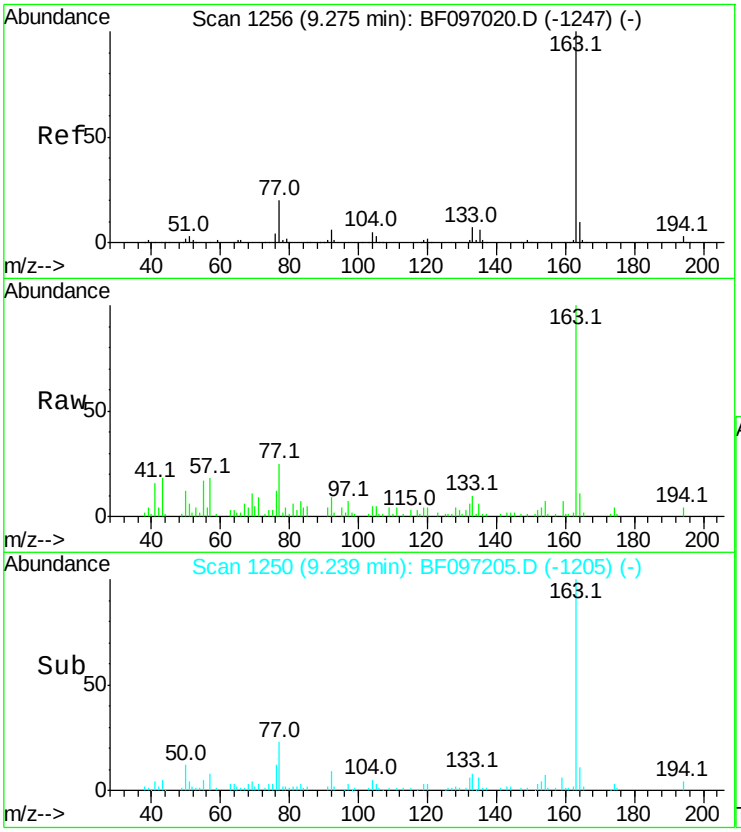


#44
2-Fluorobiphenyl
Concen: 22.758 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:172 Resp: 237398

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.8	19.8	29.8

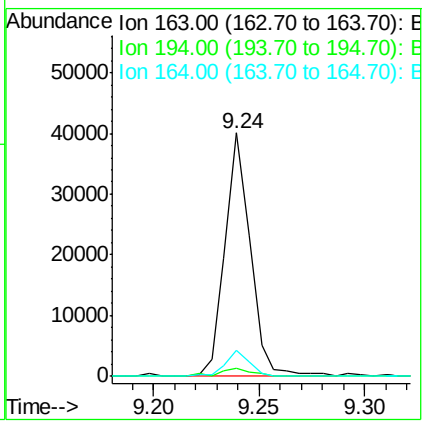




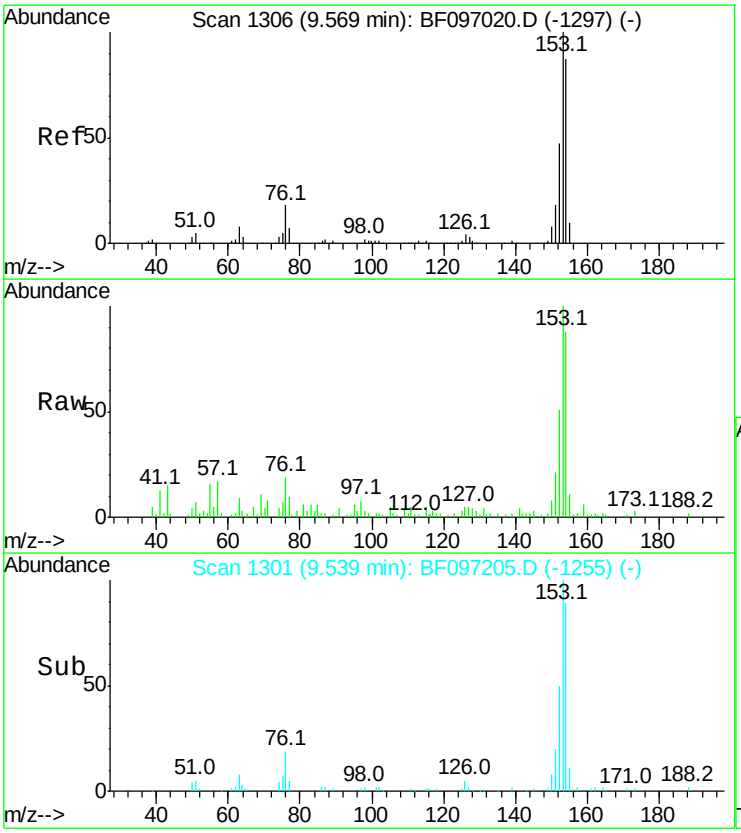
#49
Dimethylphthalate
Concen: 2.484 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:163 Resp: 33398

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.9	8.4	12.6



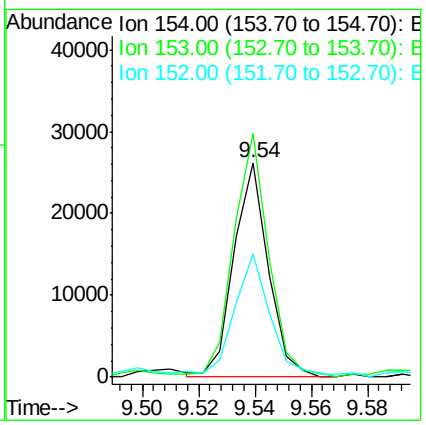
Instrument :
BNA_F
ClientSampleId :
HD-02-072617

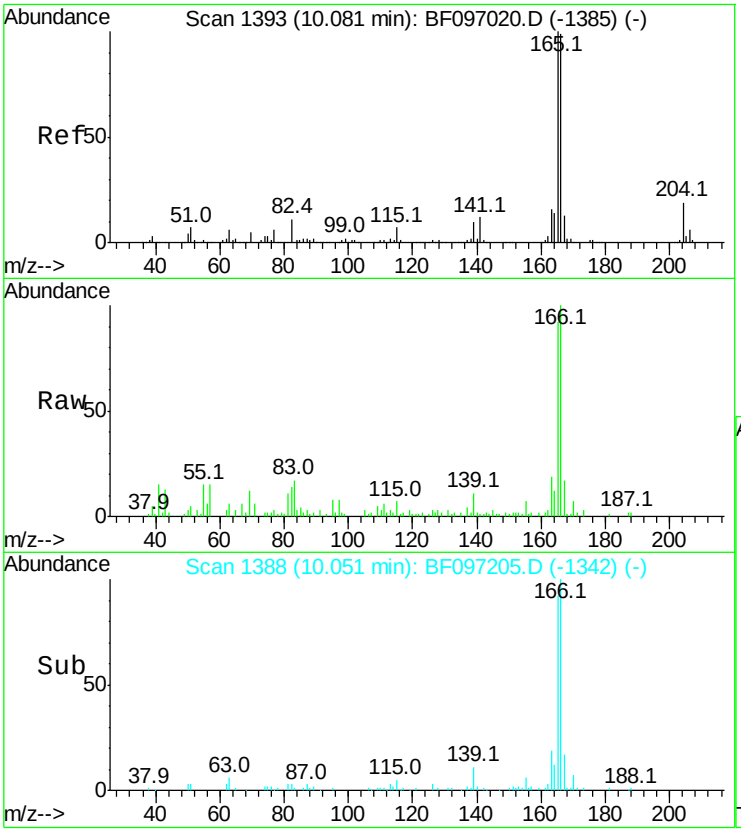


#51
Acenaphthene
Concen: 2.196 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:154 Resp: 22088

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	57.6	43.6	65.4



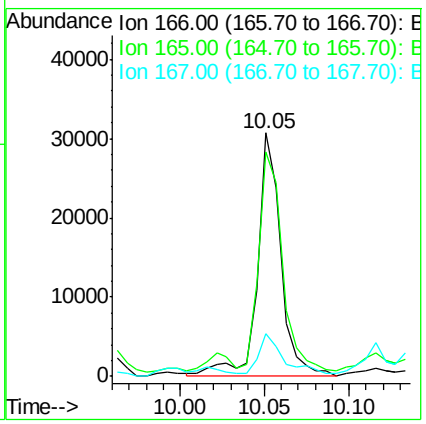


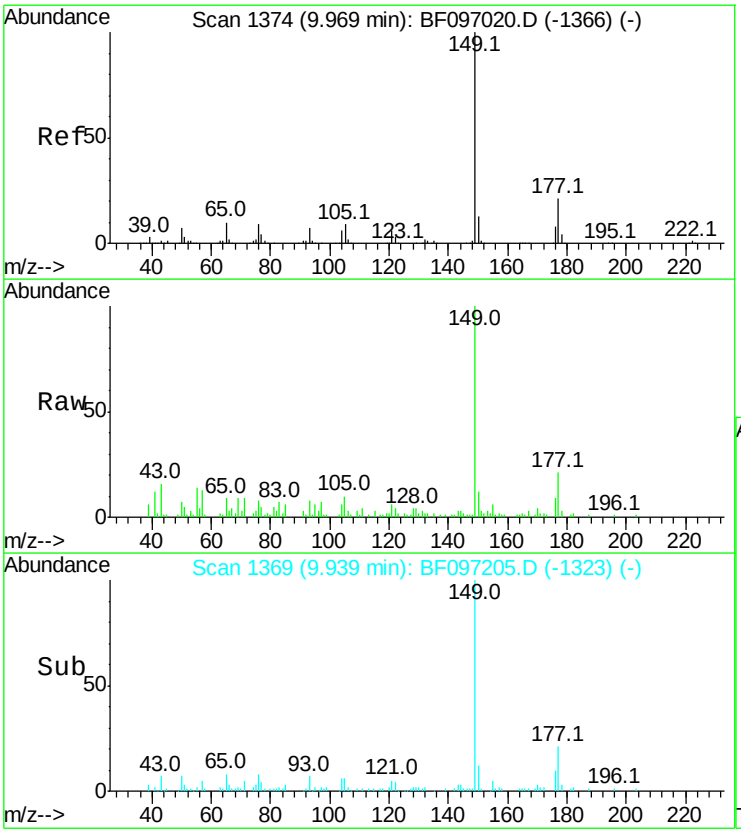
#57
Fluorene
Concen: 2.968 ng
RT: 10.05 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:166 Resp: 29893

Ion	Ratio	Lower	Upper
166	100		
165	92.1	78.8	118.2
167	17.4	10.6	16.0#

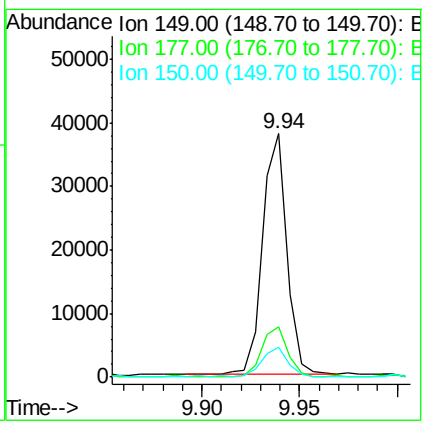


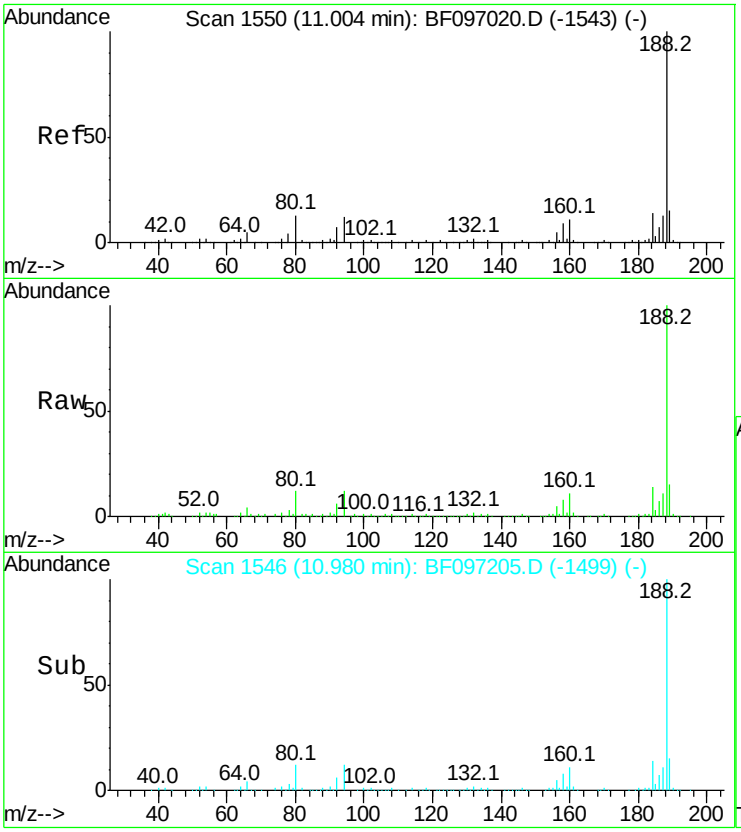


#59
Diethylphthalate
Concen: 2.661 ng
RT: 9.94 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:149 Resp: 32821

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.4	10.2	15.2



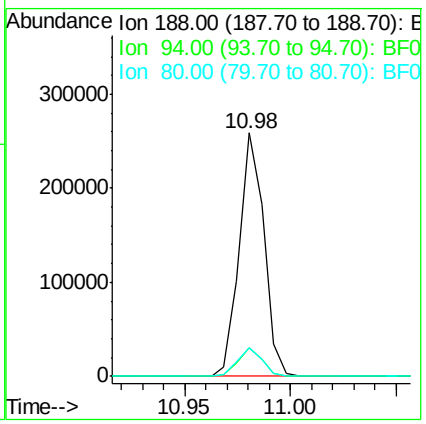


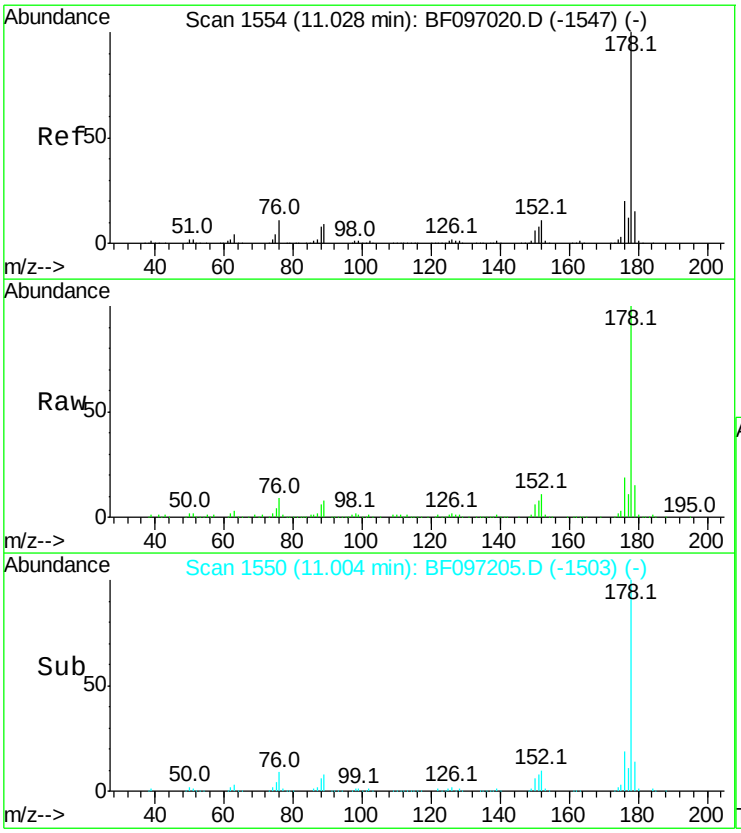
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:188 Resp: 209316

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	11.9	10.2	15.2

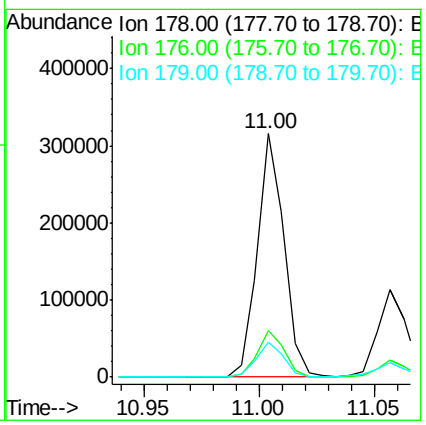


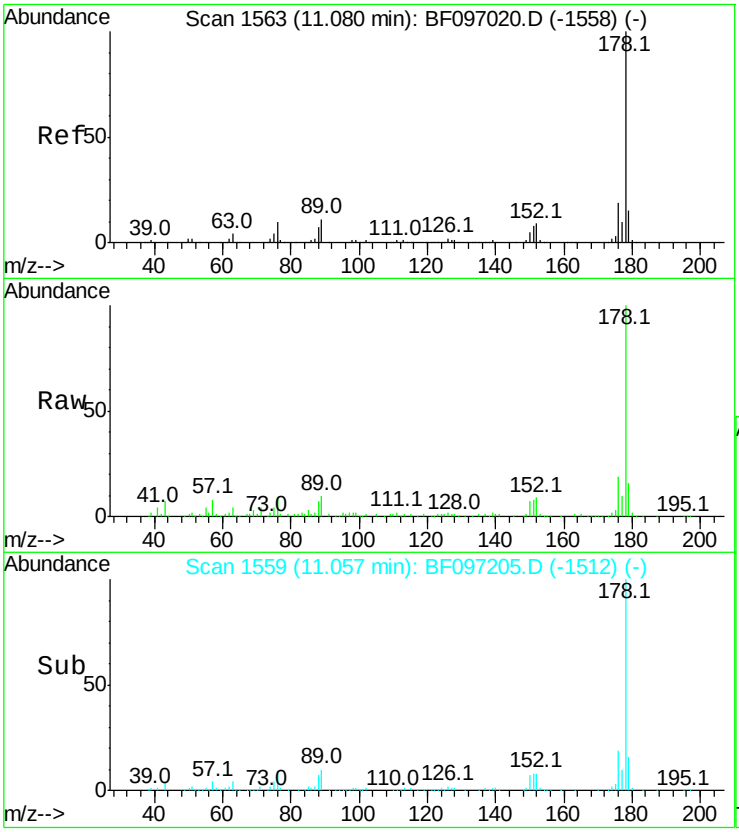


#70
Phenanthrene
Concen: 22.789 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:178 Resp: 255589

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



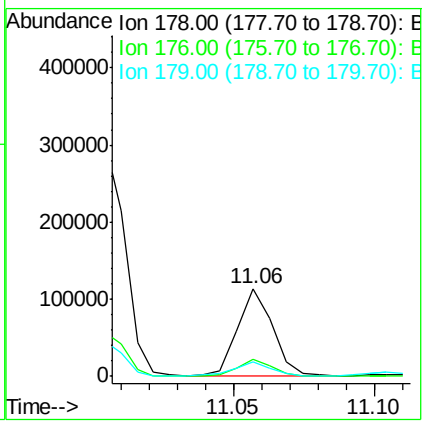


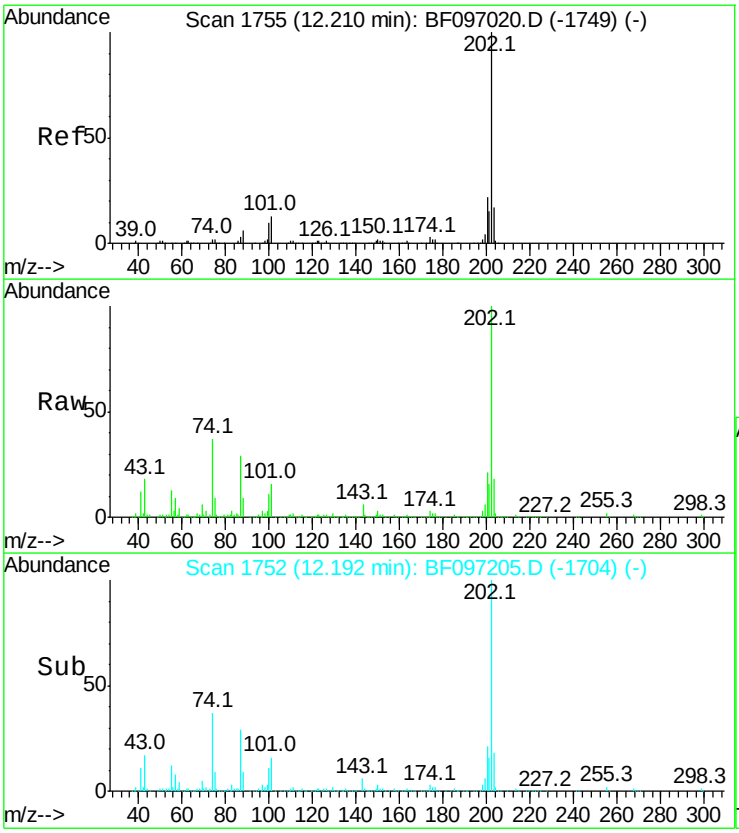
#71
Anthracene
Concen: 8.402 ng
RT: 11.06 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:178 Resp: 96508

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.9	12.7	19.1

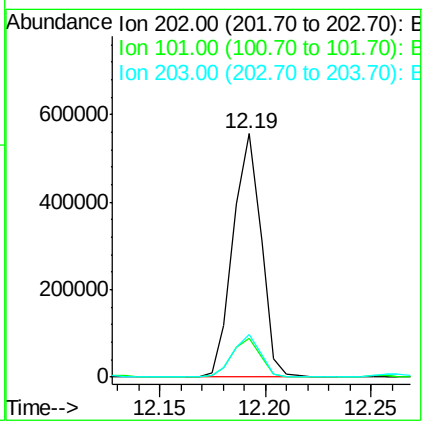


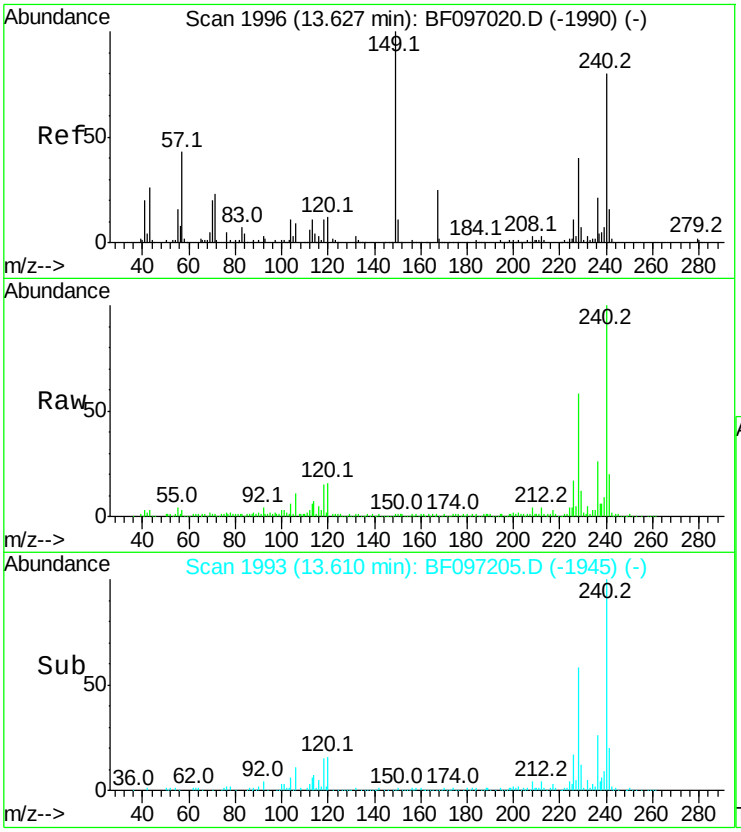


#74
Fluoranthene
Concen: 46.411 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:202 Resp: 509923

Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	33.2
203	17.7	0.0	38.1



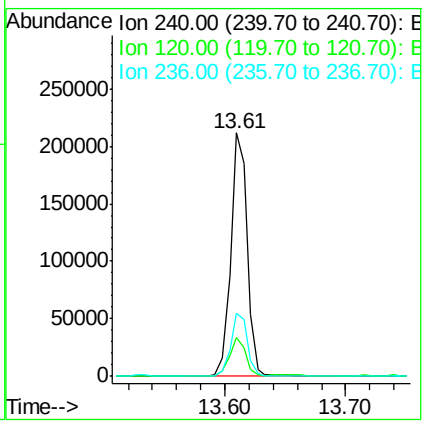


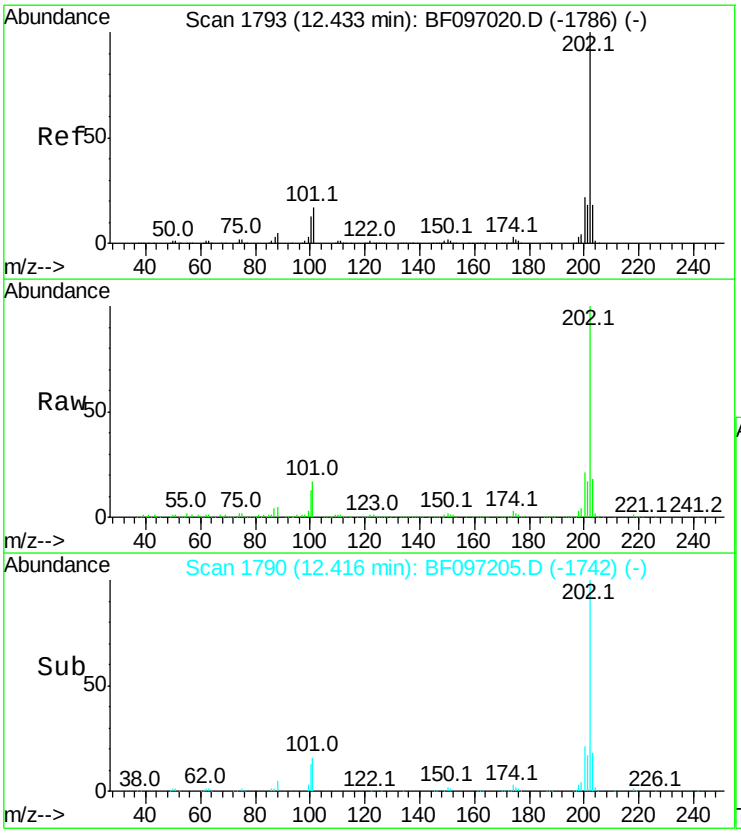
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:240 Resp: 201533

Ion	Ratio	Lower	Upper
240	100		
120	16.2	5.8	8.8#
236	26.1	20.5	30.7

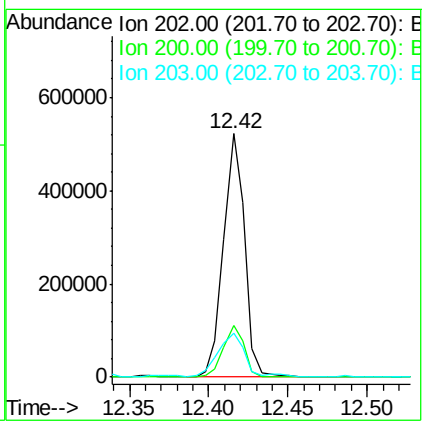


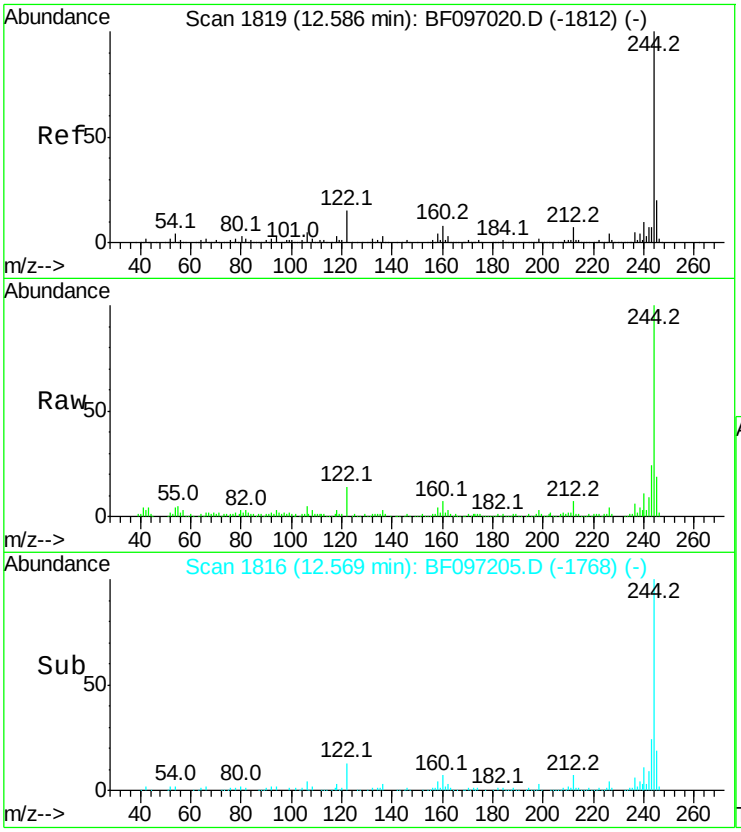


#77
Pyrene
Concen: 29.090 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:202 Resp: 479945

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.0	14.4	21.6



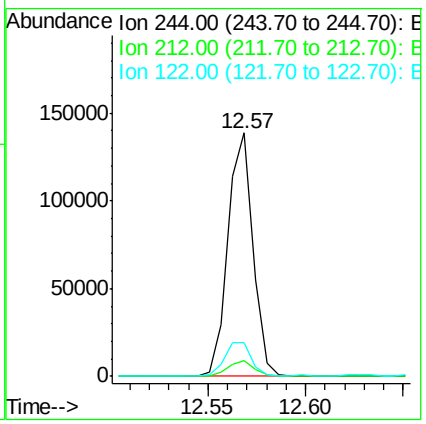


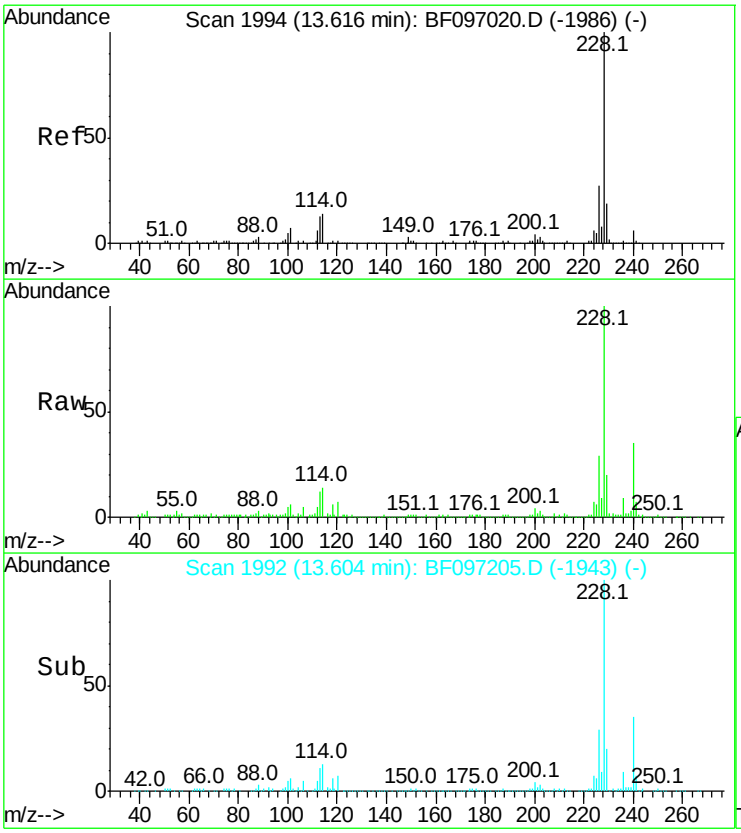
#78
Terphenyl-d14
Concen: 12.478 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:244 Resp: 123339

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.9	10.3	15.5

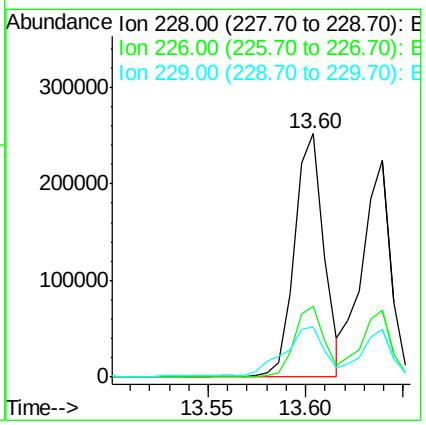


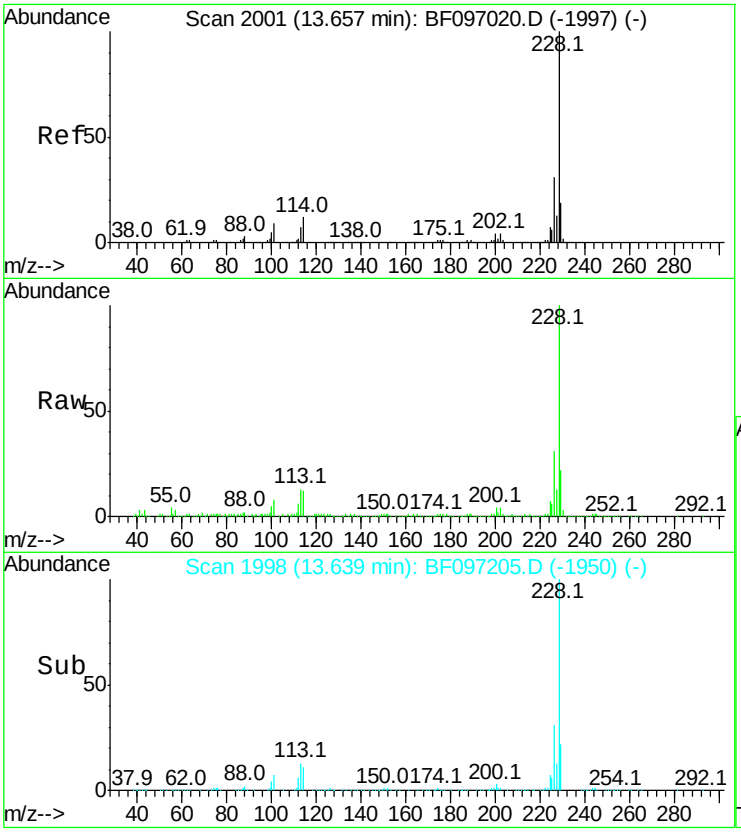


#80
Benzo(a)anthracene
Concen: 20.055 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:228 Resp: 261515

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.5	16.3	24.5



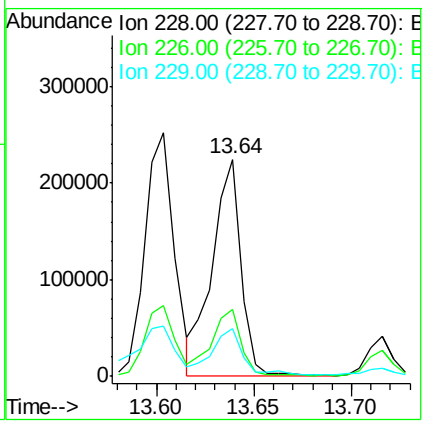


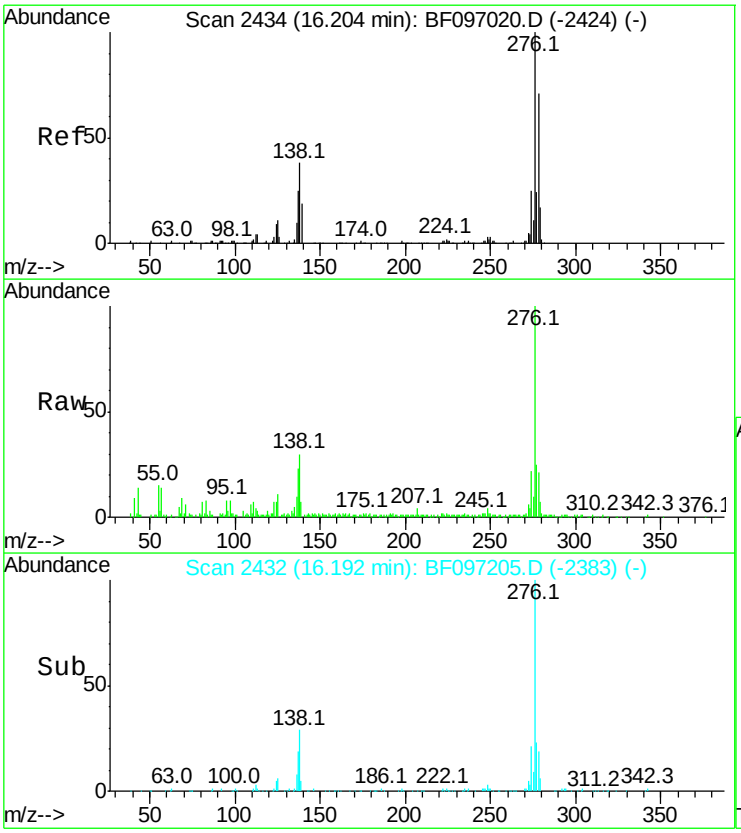
#82
Chrysene
Concen: 18.056 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:228 Resp: 229906

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.2	15.8	23.6

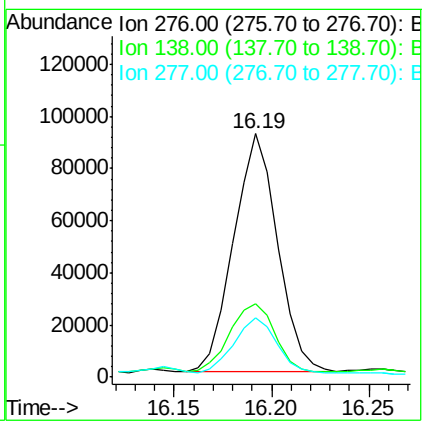


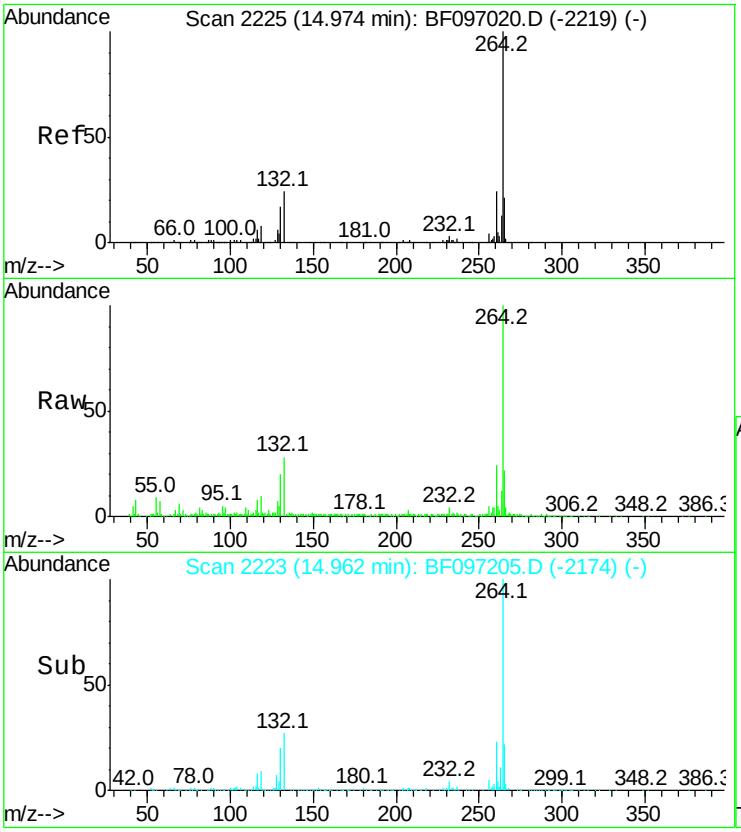


#85
Indeno(1,2,3-cd)pyrene
Concen: 13.078 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:276 Resp: 142790

Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	22.3	20.2	30.4



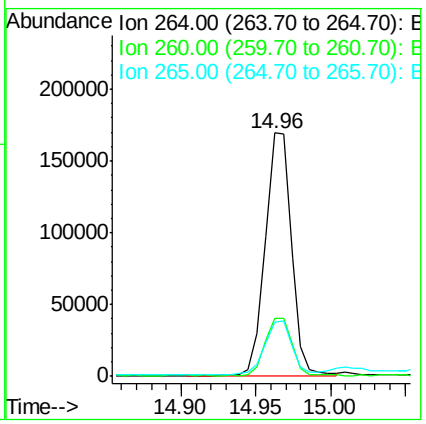


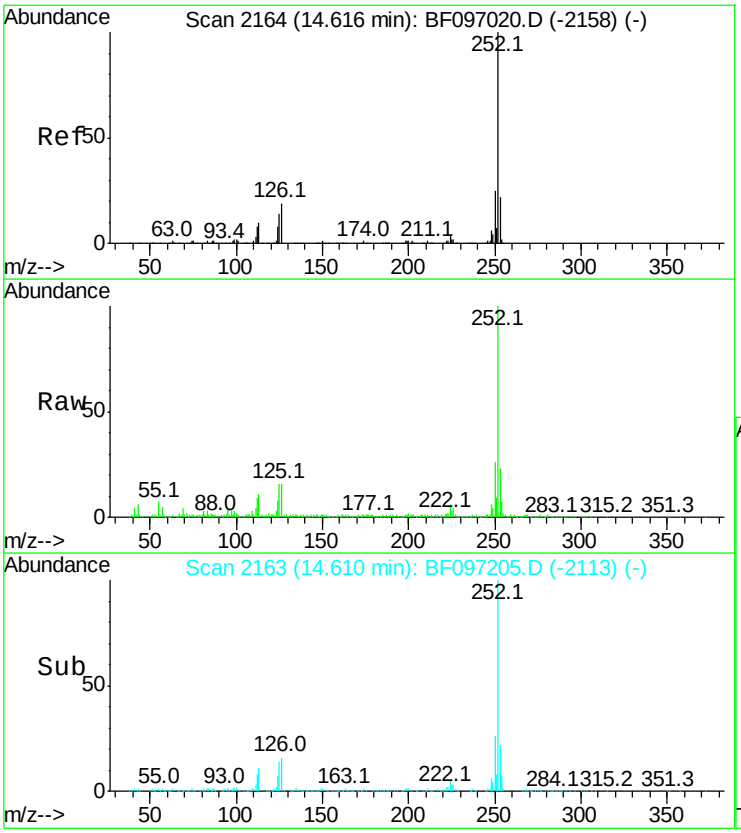
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:264 Resp: 206186

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.1	17.2	25.8

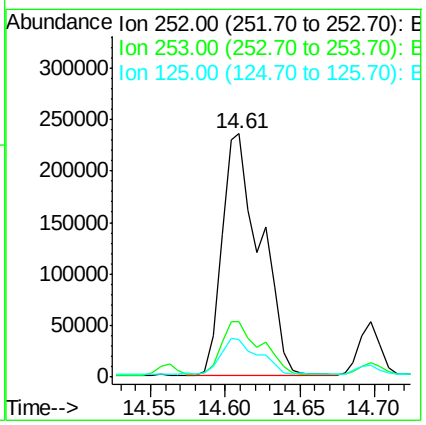


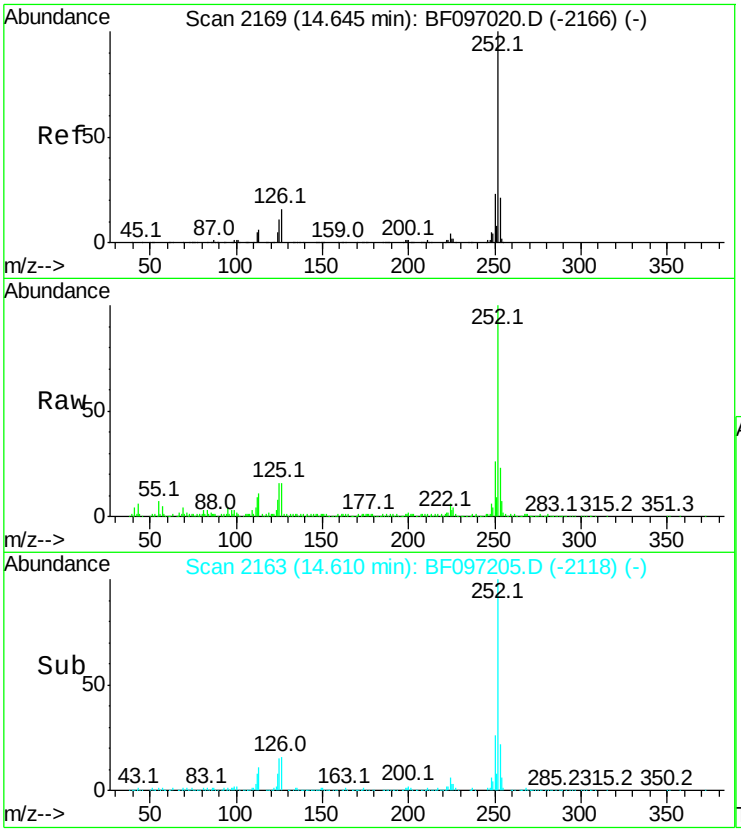


#87
Benzo(b)fluoranthene
Concen: 33.899 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:252 Resp: 420154

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.7	9.8	14.8#



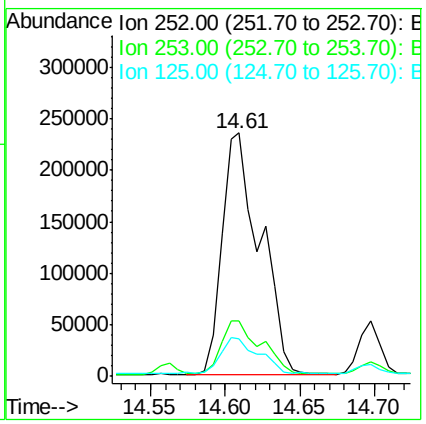


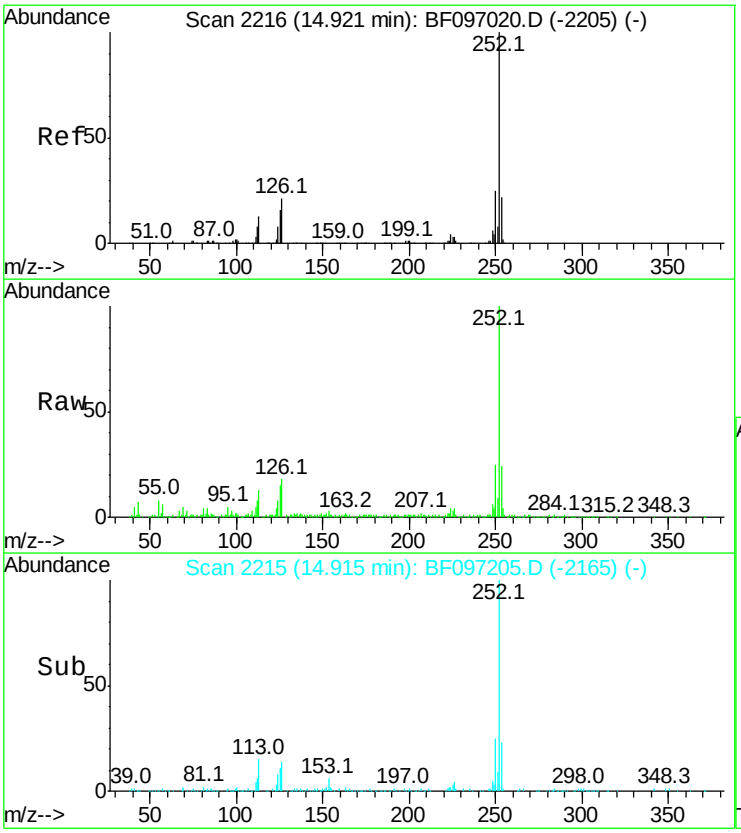
#88
Benzo(k)fluoranthene
Concen: 35.574 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:252 Resp: 420154

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	15.7	13.1	19.7

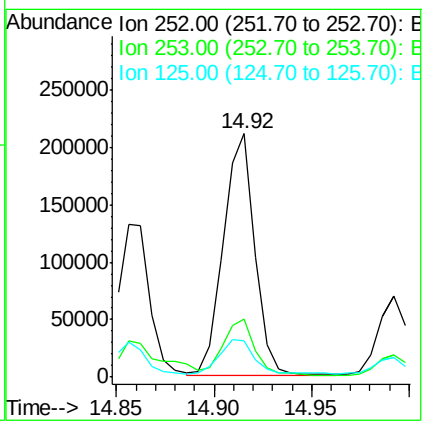


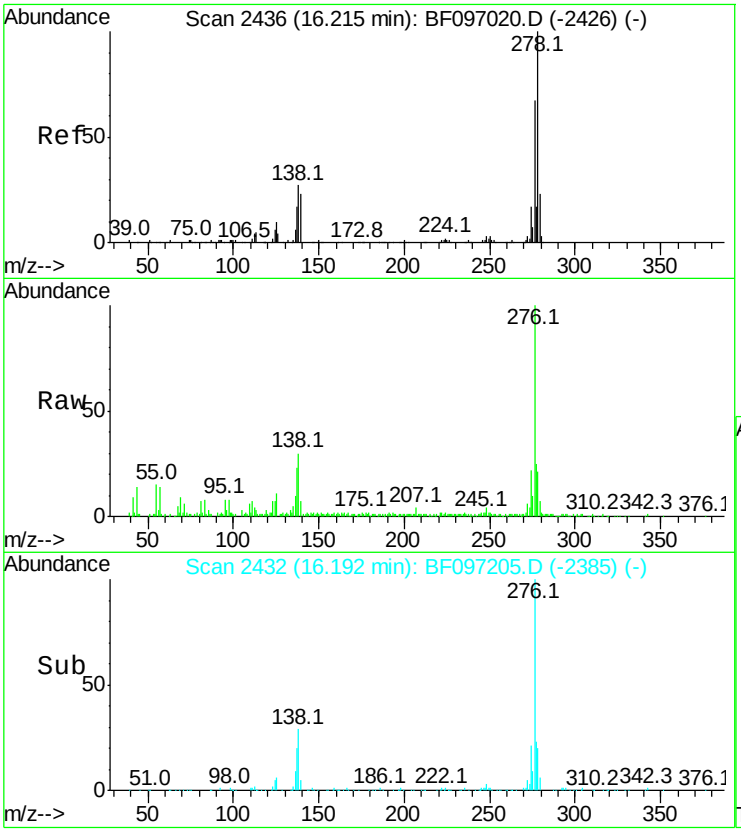


#89
Benzo(a)pyrene
Concen: 20.801 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:252 Resp: 235954

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.9	11.0	16.4



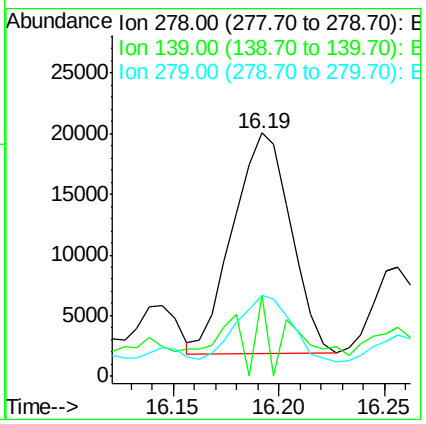


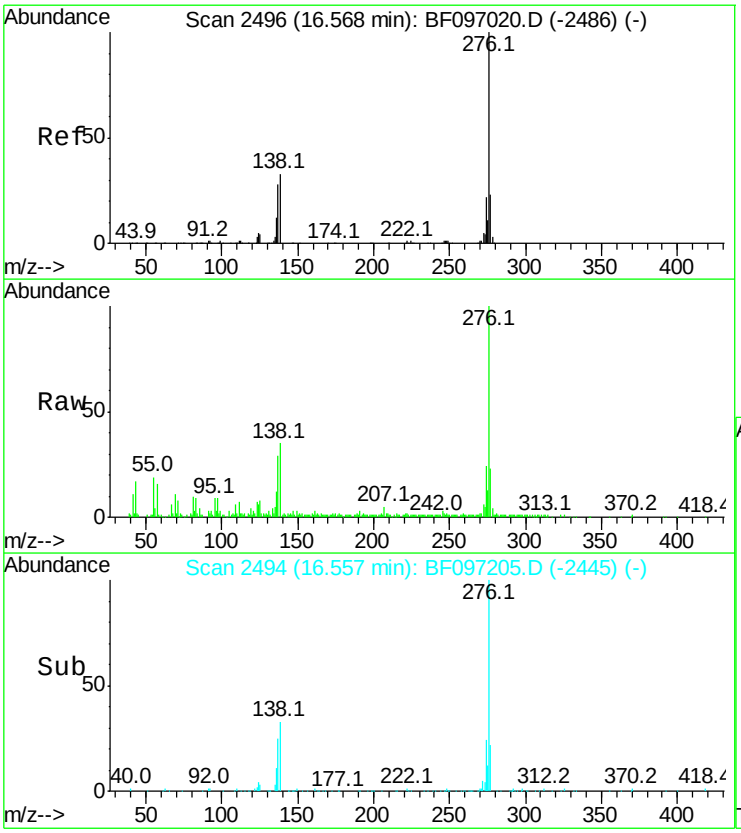
#90
Dibenzo(a,h)anthracene
Concen: 3.723 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Instrument :
BNA_F
ClientSampleId :
HD-02-072617

Tgt Ion:278 Resp: 34634

Ion	Ratio	Lower	Upper
278	100		
139	33.3	16.6	24.8#
279	33.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 13.809 ng
RT: 16.56 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097205.D
Acq: 31 Jul 2017 14:01

Tgt Ion:276 Resp: 134711

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	34.7	25.4	38.0