Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097755.D
Acq On : 16 Aug 2017 22:54
Operator : SJ/JU
Sample : I4739-05 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S11-WC-5

Quant Time: Aug 17 01:28:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	170130	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	662345	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	280923	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	457908	20.00	ng		0.00
75) Chrysene-d12	13.93	240	318527	20.00	ng		0.00
86) Perylene-d12	15.37	264	282234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	256423	22.93	ng		-0.01
7) Phenol-d6	6.40	99	354104	23.30	ng		-0.01
23) Nitrobenzene-d5	7.34	82	210385	17.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	50947	20.90	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	308980	16.16	ng		0.00
78) Terphenyl-d14	12.88	244	187450	12.27	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	27999	2.69	ng	#	73
25) Isophorone	7.34	82	210116	8.29	ng	#	67
32) Benzoic acid	7.85	122	493	6.46	ng	#	37
50) 2,6-Dinitrotoluene	9.82	165	37143	9.06	ng	#	34
56) 2,4-Dinitrotoluene	9.82	165	37143	7.22	ng	#	33
70) Phenanthrene	11.32	178	589668	24.17	ng		99
71) Anthracene	11.37	178	115522	4.67	ng		99
74) Fluoranthene	12.51	202	641034	25.17	ng		99
77) Pyrene	12.74	202	601883	23.10	ng		98
80) Benzo(a)anthracene	13.92	228	247174	12.95	ng		97
82) Chrysene	13.96	228	220954	11.63	ng		97
87) Benzo(b)fluoranthene	14.95	252	337220	18.96	ng		99
88) Benzo(k)fluoranthene	15.06	252	37870	2.27	ng		97
89) Benzo(a)pyrene	15.30	252	187374	11.90	ng		98
91) Benzo(g,h,i)perylene	17.17	276	83704	6.26	ng	#	92

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

Quantitation Report (Not Reviewed)

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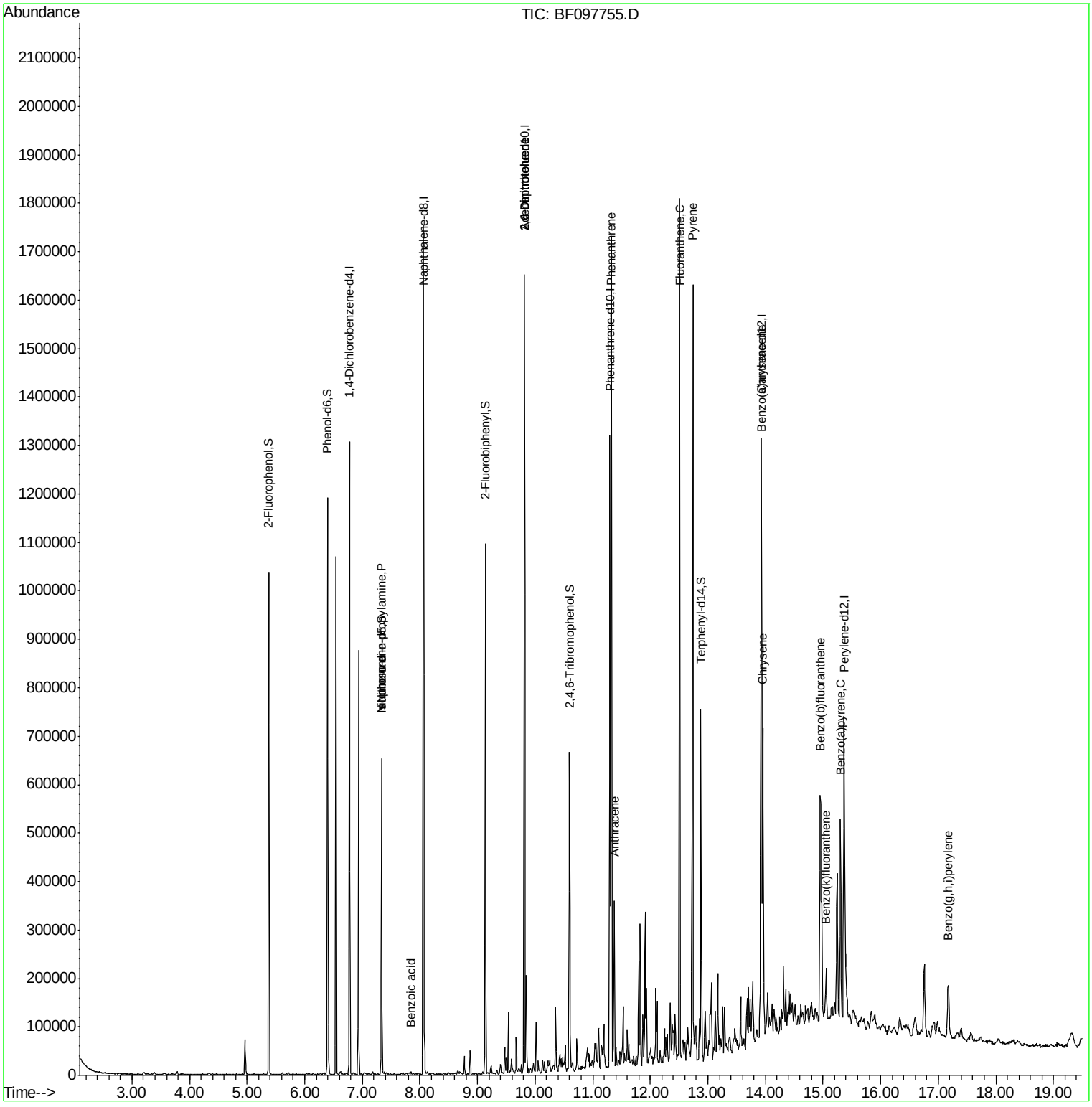
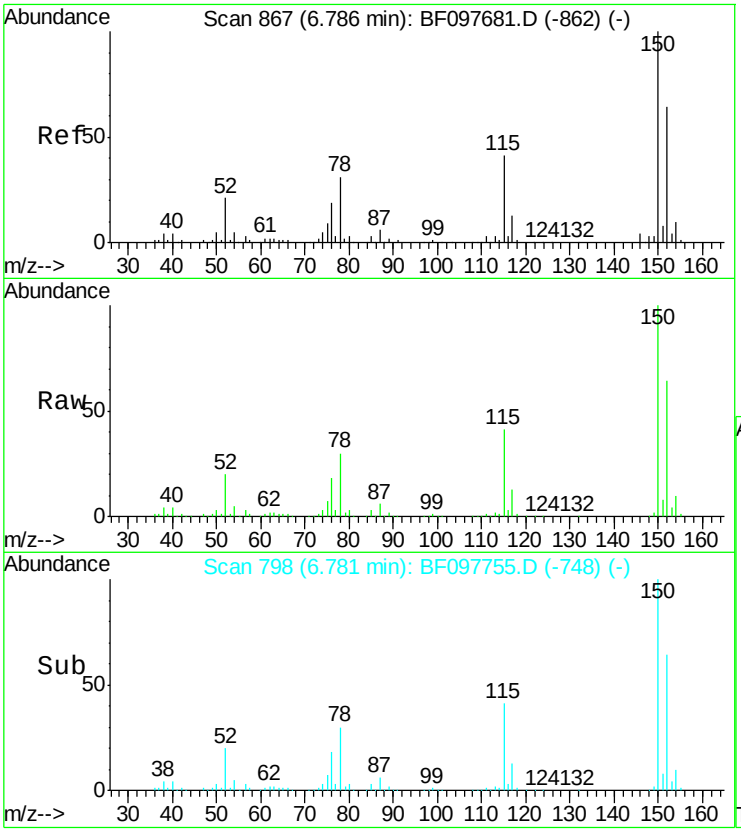


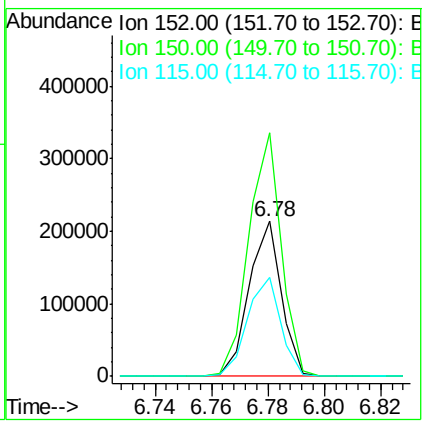


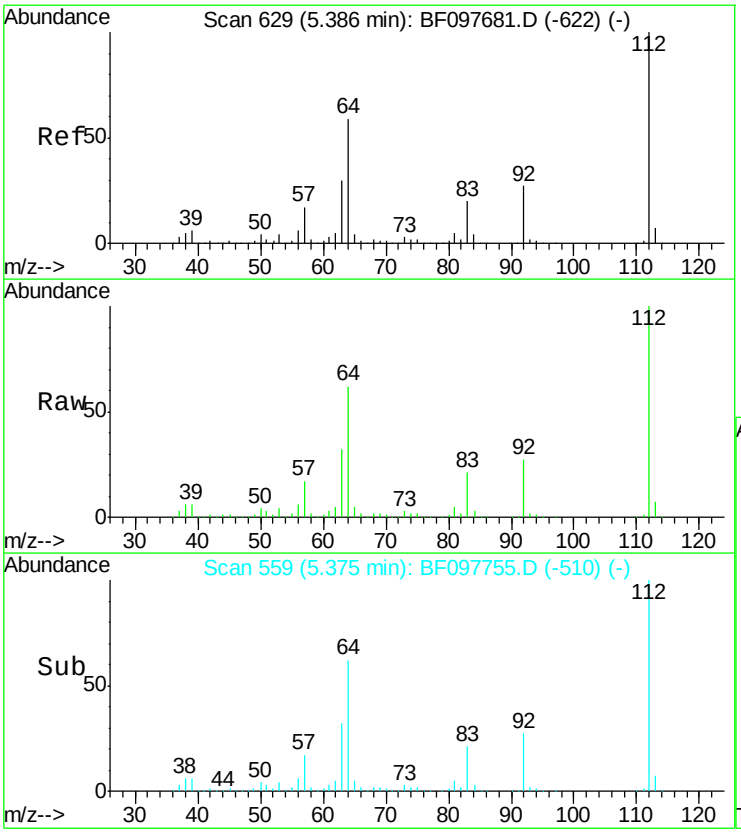
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:152 Resp: 170130

Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	64.2	52.2	78.2

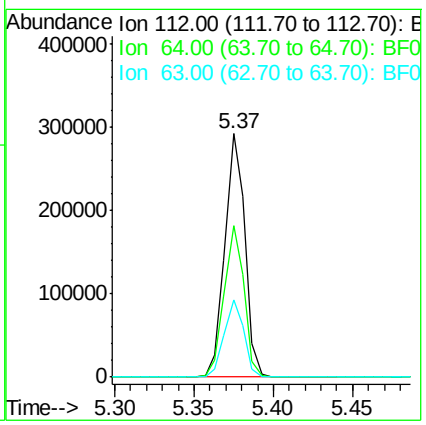


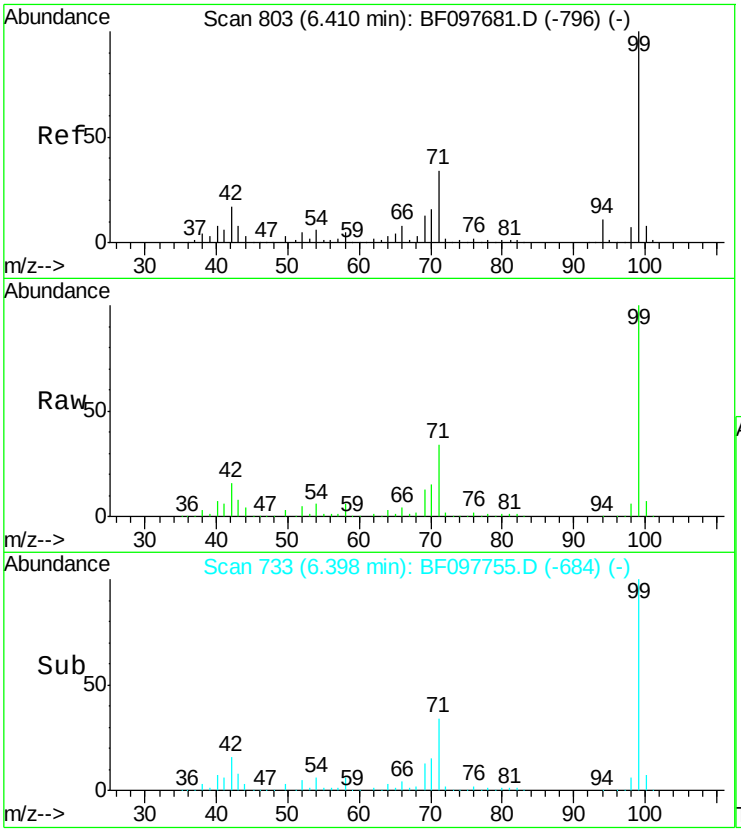


#5
2-Fluorophenol
Concen: 22.93 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:112 Resp: 256423

Ion	Ratio	Lower	Upper
112	100		
64	62.4	46.0	69.0
63	31.8	23.4	35.0



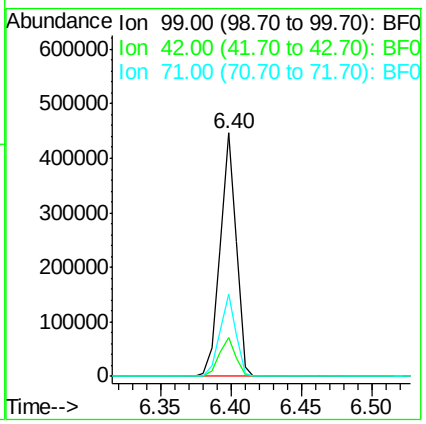


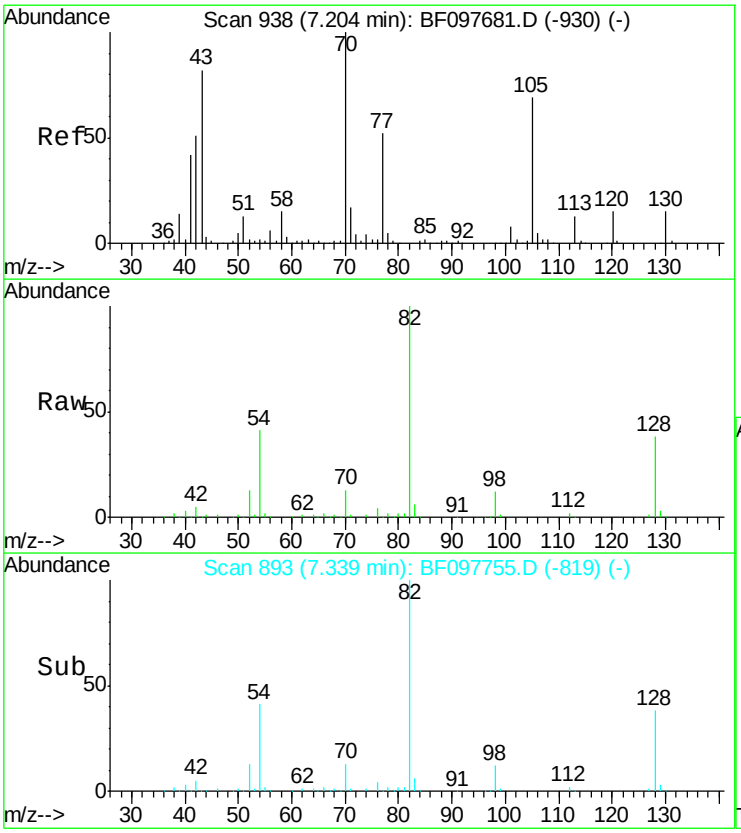
#7
Phenol-d6
Concen: 23.30 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion: 99 Resp: 354104

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	33.9	24.5	36.7

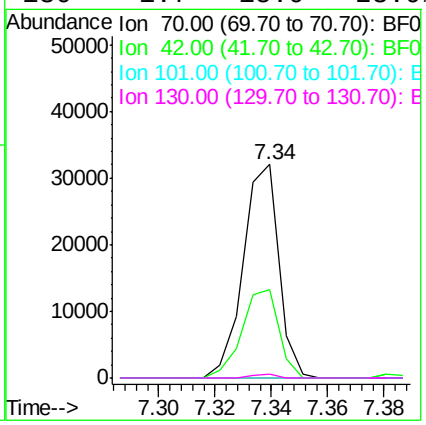


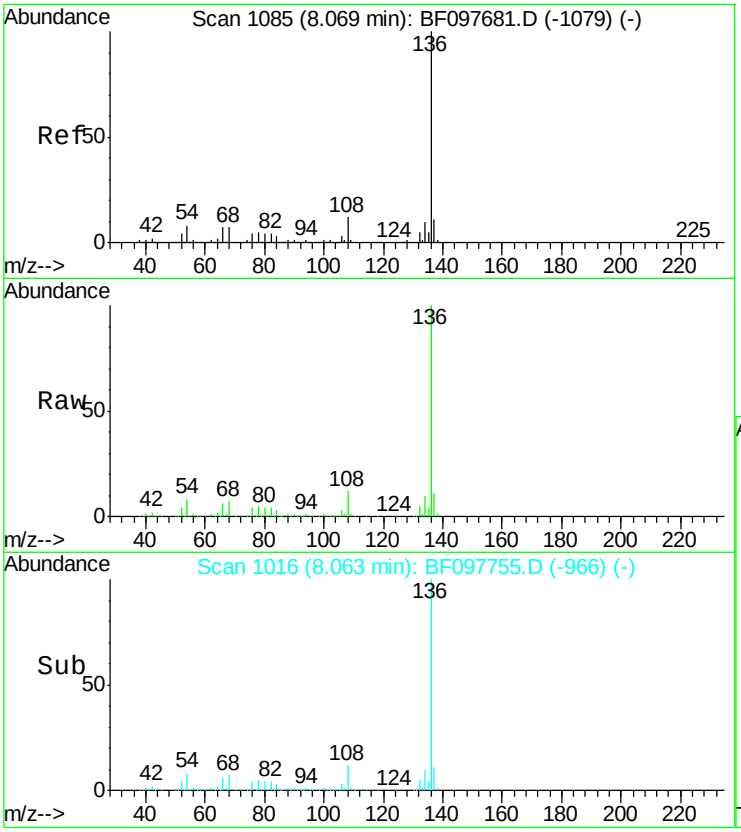


#19
n-Nitroso-di-n-propylamine
Concen: 2.69 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion: 70 Resp: 27999

Ion	Ratio	Lower	Upper
70	100		
42	41.6	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



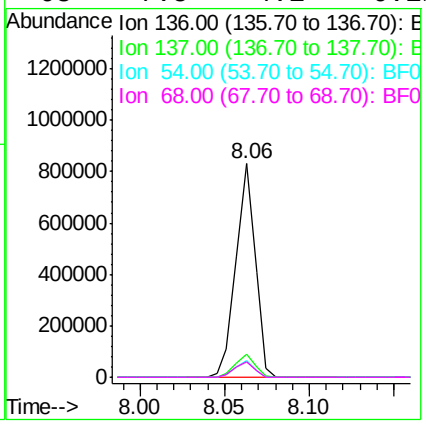


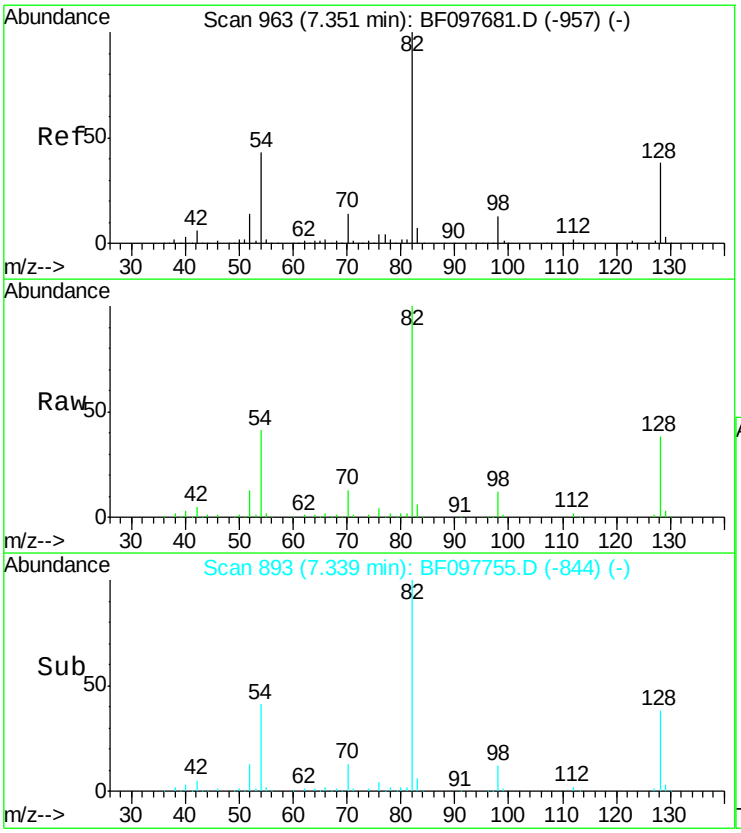
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:136 Resp: 662345

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.8	4.9	7.3#
68	7.5	4.1	6.1#

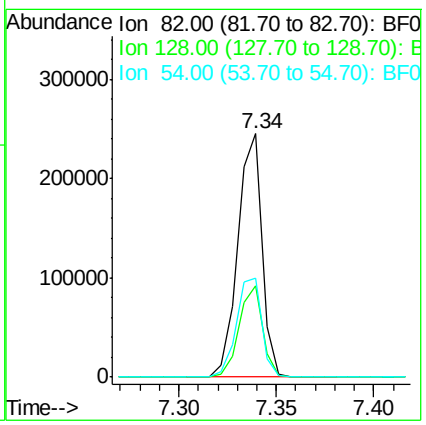


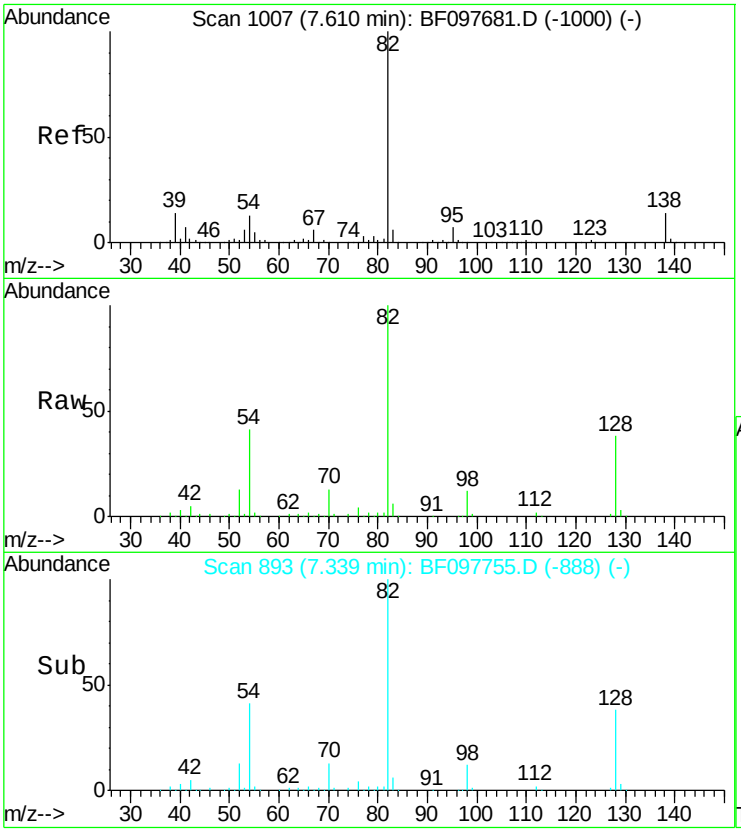


#23
Nitrobenzene-d5
Concen: 17.26 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion: 82 Resp: 210385

Ion	Ratio	Lower	Upper
82	100		
128	37.7	34.0	51.0
54	40.8	42.2	63.2#



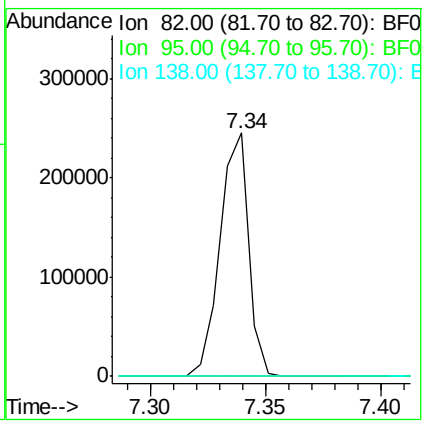


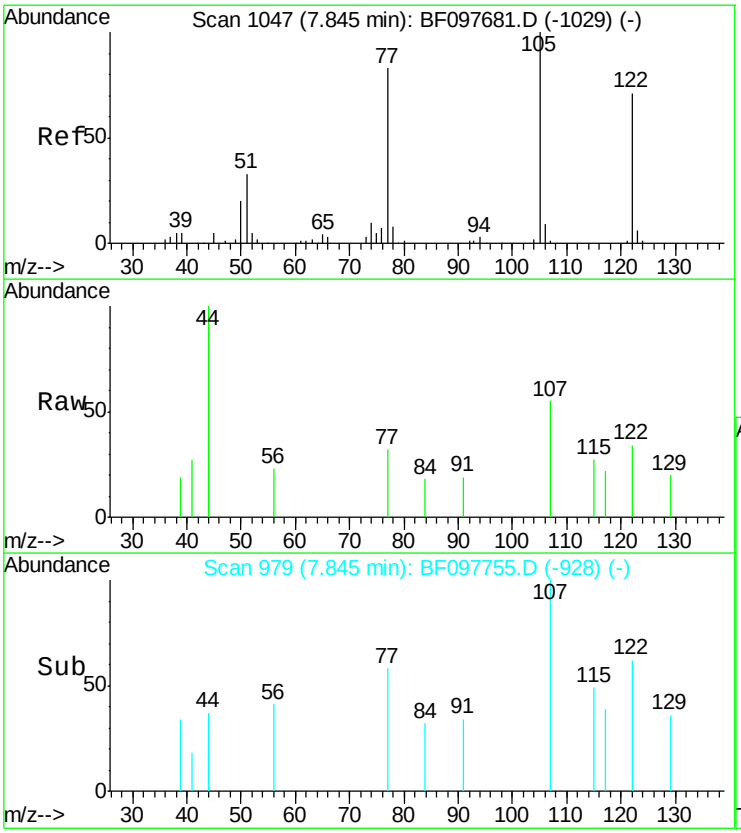
#25
Isophorone
Concen: 8.29 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion: 82 Resp: 210116

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

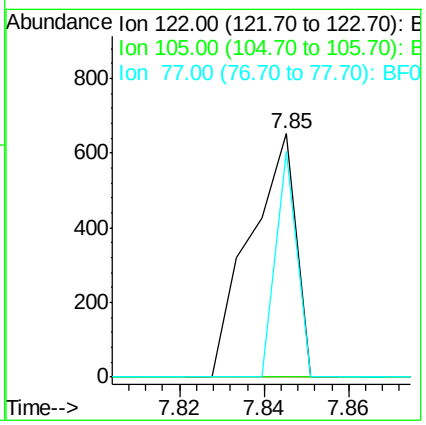


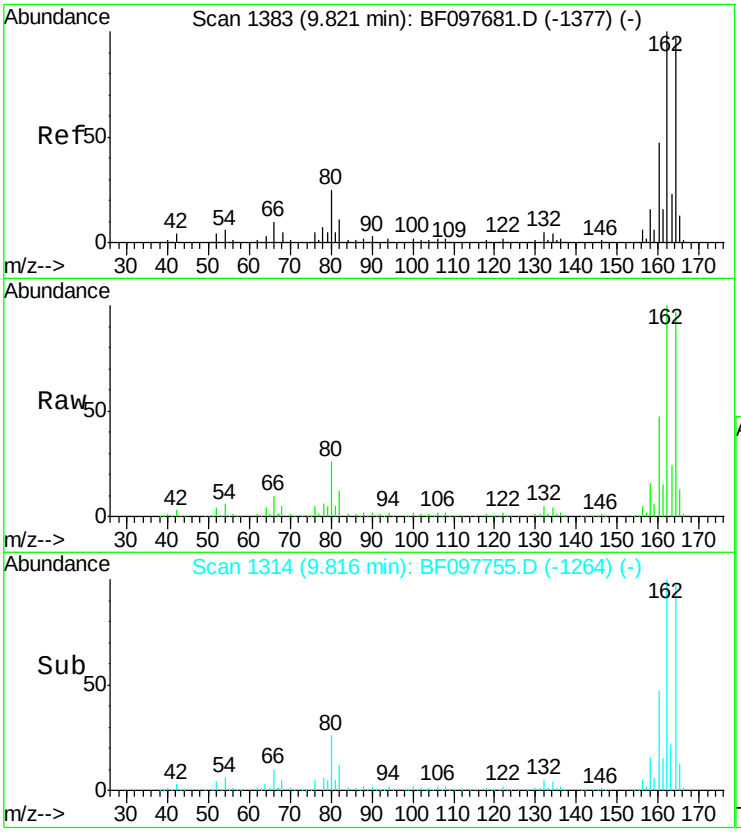


#32
Benzoic acid
Concen: 6.46 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:122 Resp: 493

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	92.5	73.7	113.7



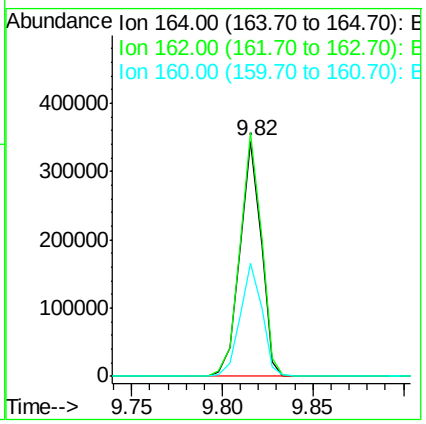


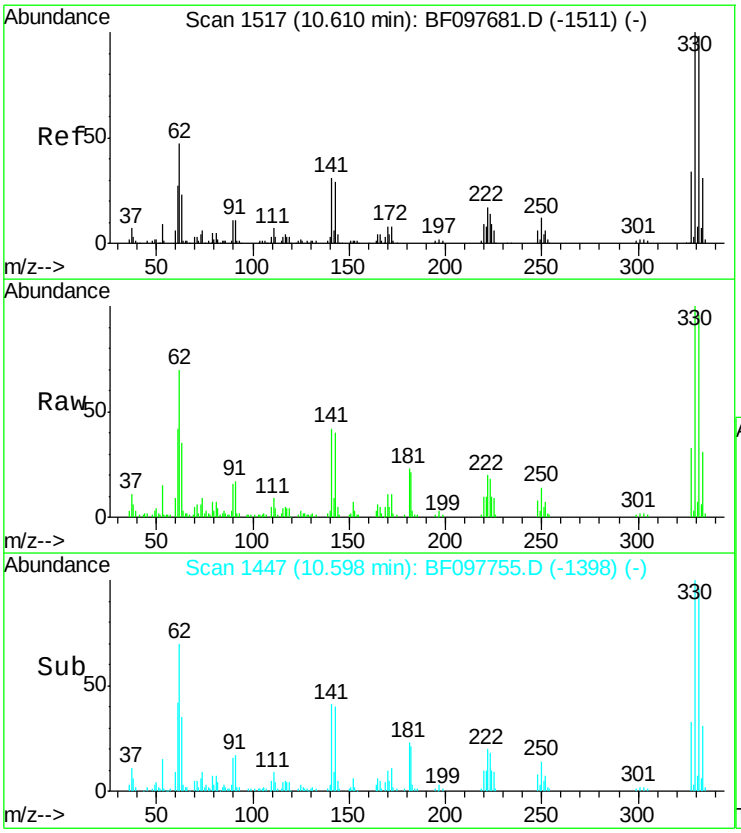
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:164 Resp: 280923

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	48.3	36.2	54.2

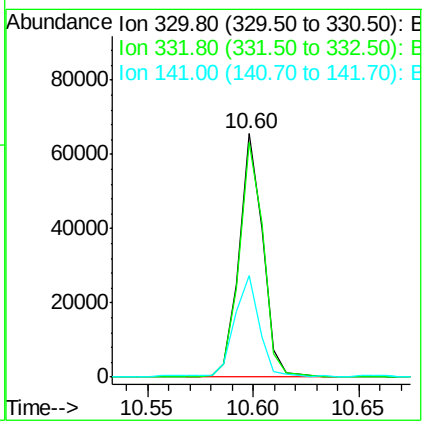


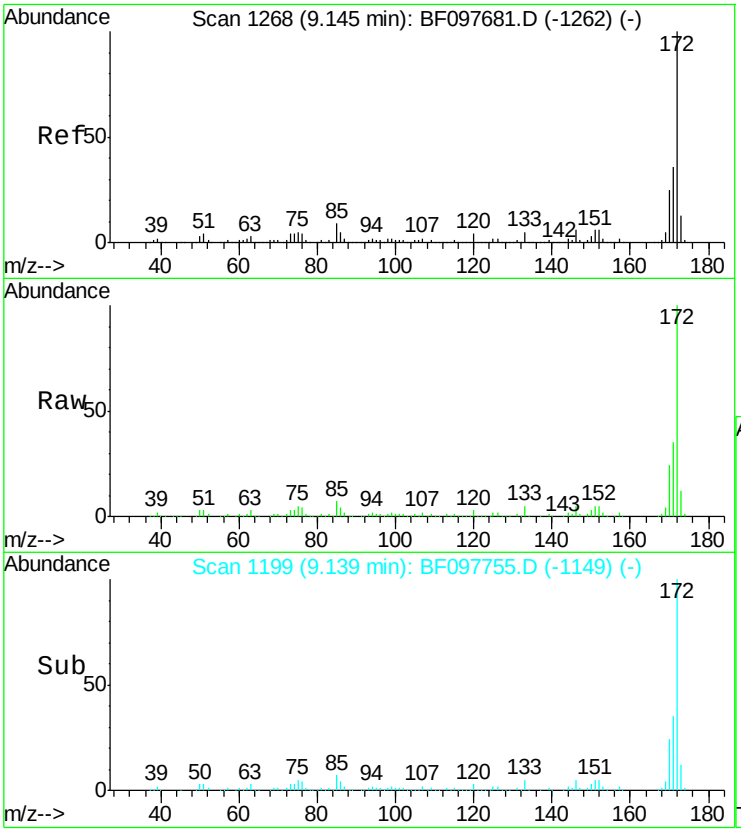


#41
2,4,6-Tribromophenol
Concen: 20.90 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:330 Resp: 50947

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	45.1	31.4	47.2



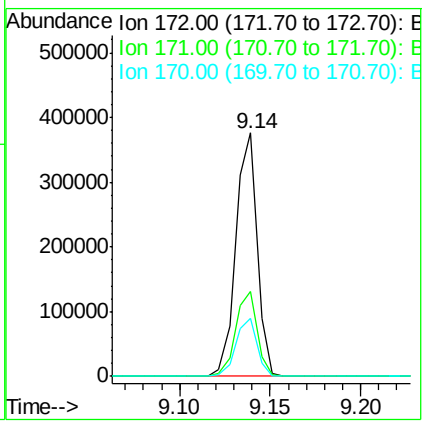


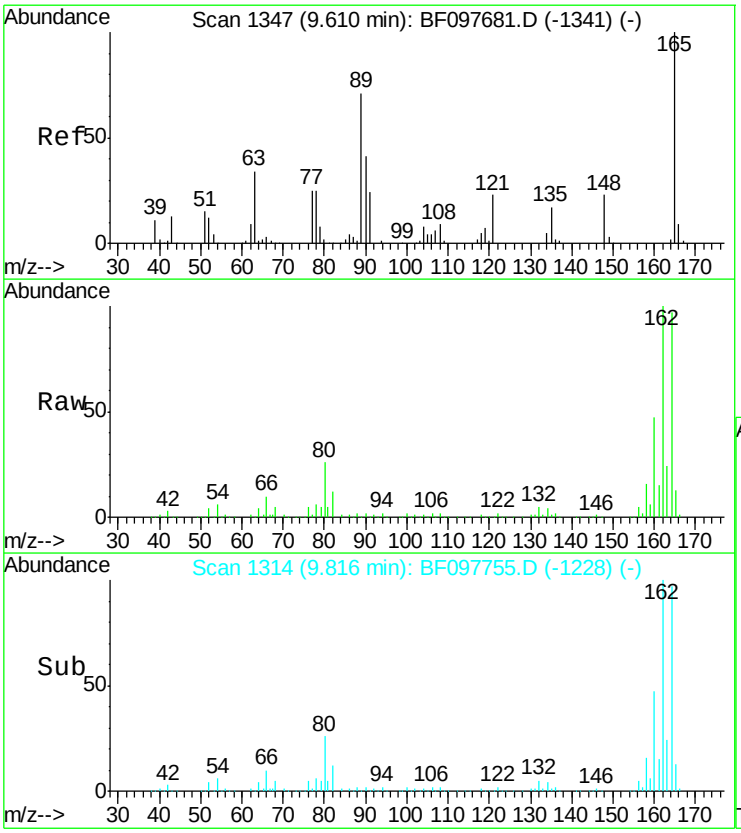
#44
2-Fluorobiphenyl
Concen: 16.16 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:172 Resp: 308980

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.6	19.8	29.8

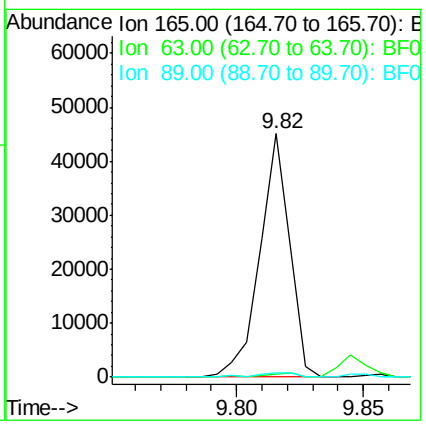


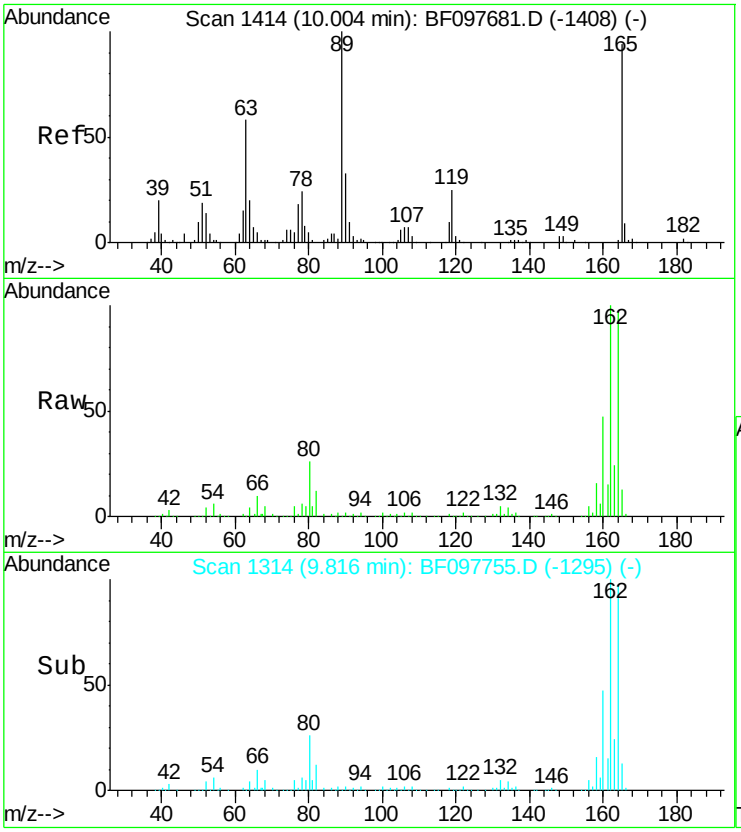


#50
2,6-Dinitrotoluene
Concen: 9.06 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.21 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:165 Resp: 37143

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.9	37.1	55.7#



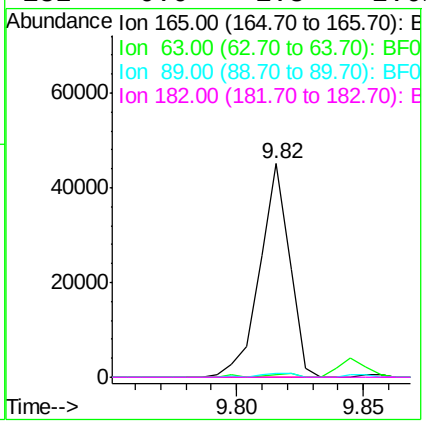


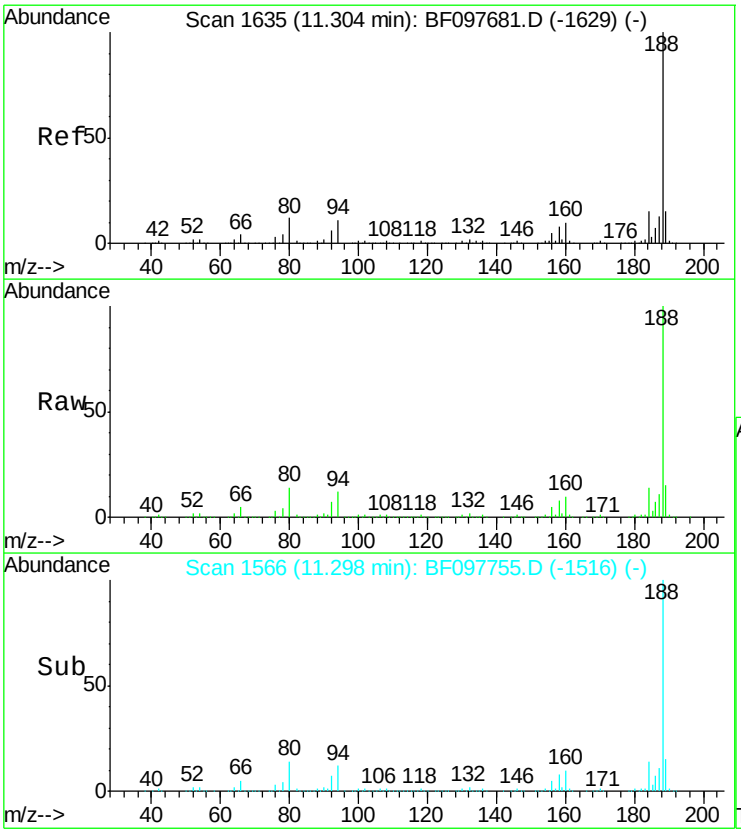
#56
2,4-Dinitrotoluene
Concen: 7.22 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:165 Resp: 37143

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

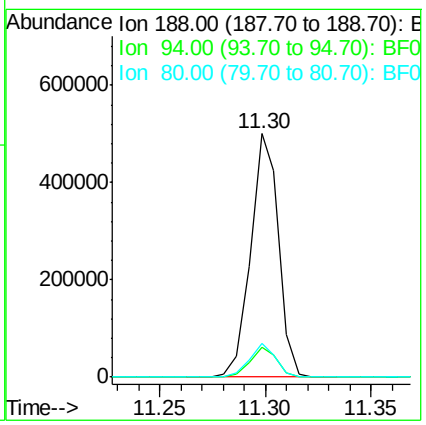


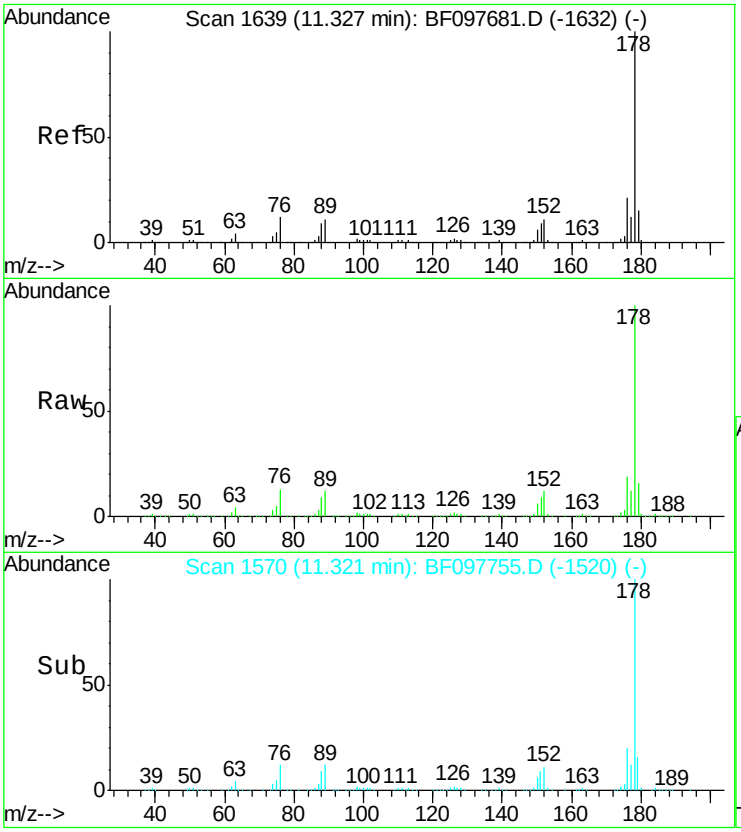


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:188 Resp: 457908

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.7	10.2	15.2



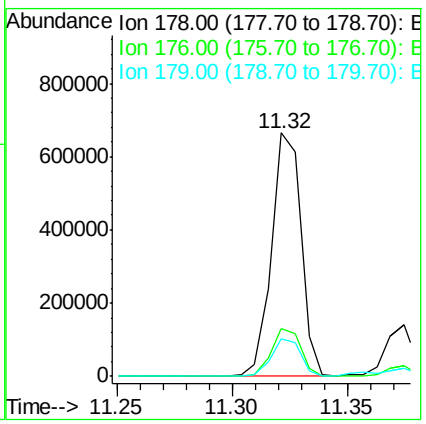


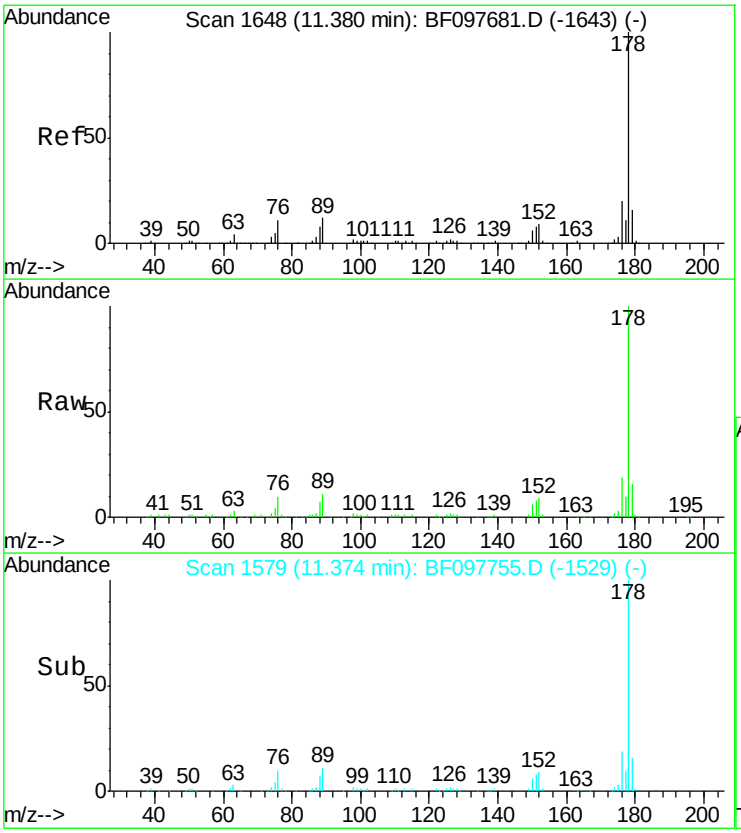
#70
Phenanthrene
Concen: 24.17 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:178 Resp: 589668

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.6	12.6	19.0

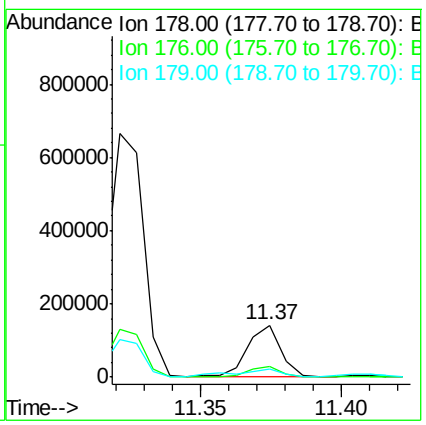


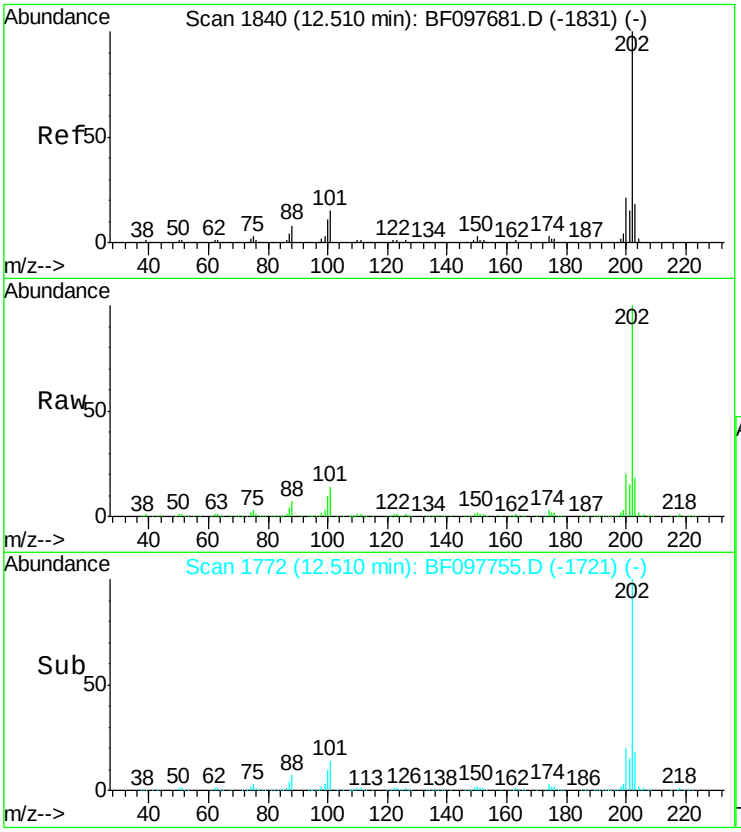


#71
Anthracene
Concen: 4.67 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:178 Resp: 115522

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.1	12.7	19.1



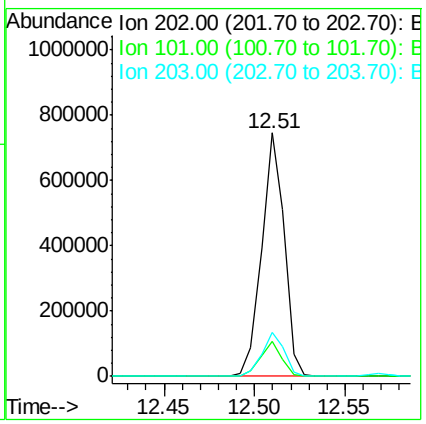


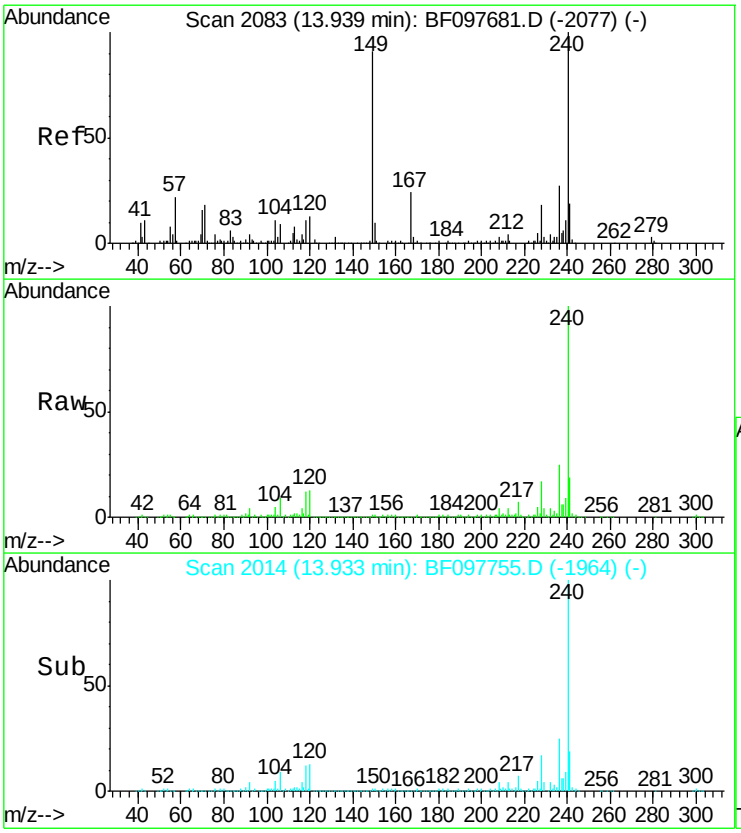
#74
Fluoranthene
Concen: 25.17 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:202 Resp: 641034

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	18.0	0.0	38.1

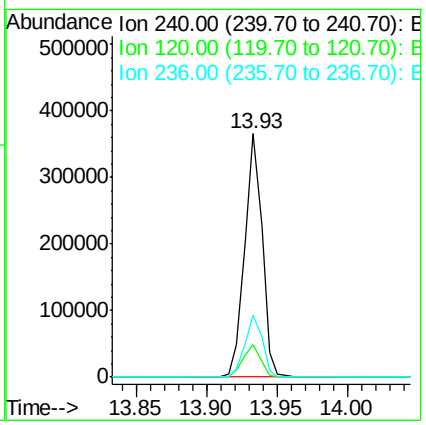


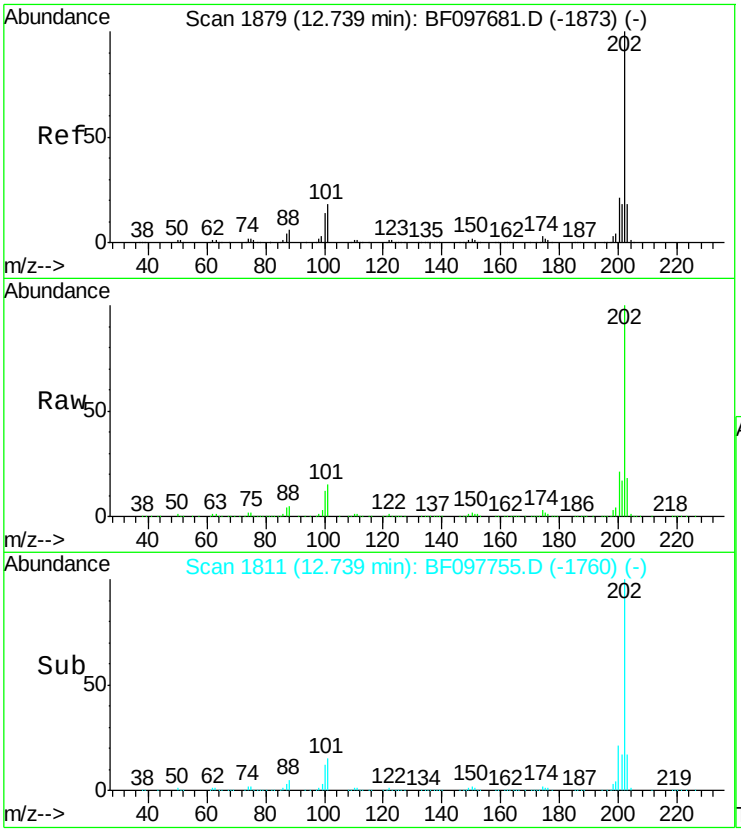


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:240 Resp: 318527

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	25.4	20.5	30.7



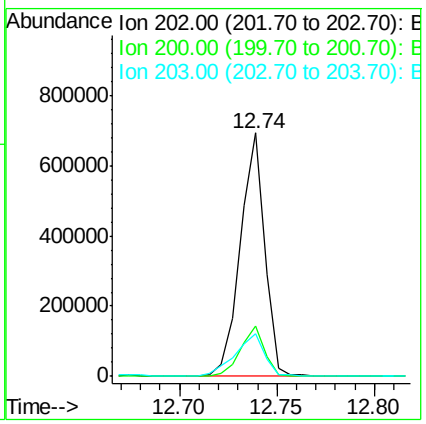


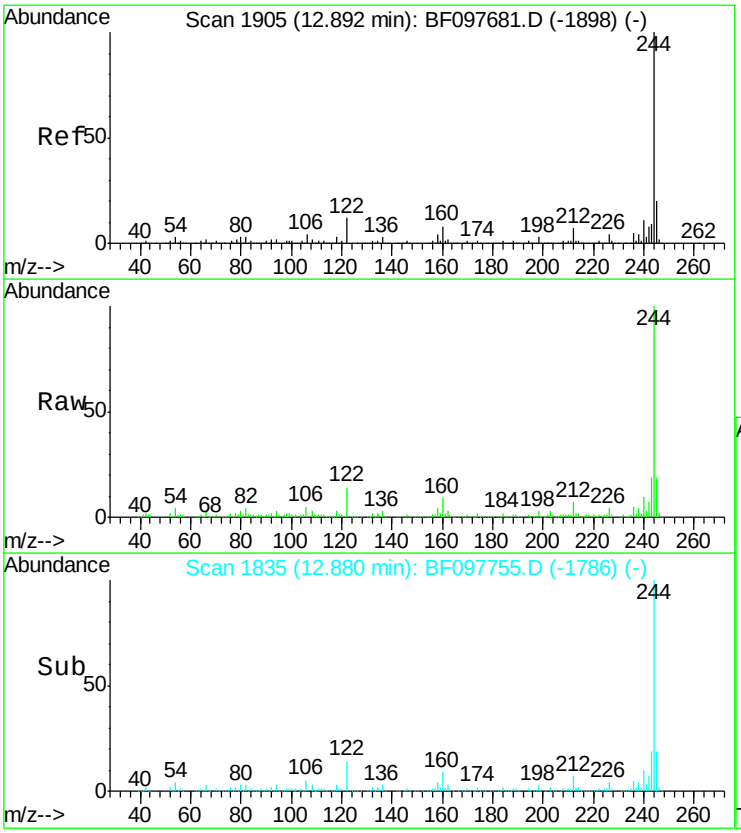
#77
Pyrene
Concen: 23.10 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:202 Resp: 601883

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.6	14.4	21.6

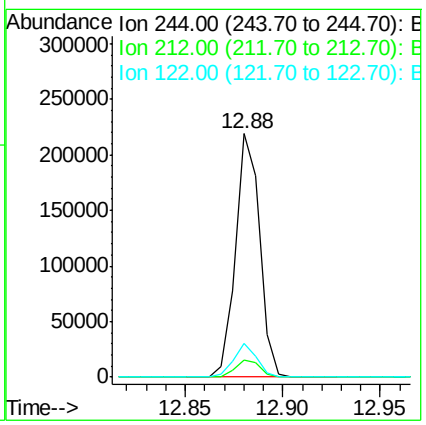


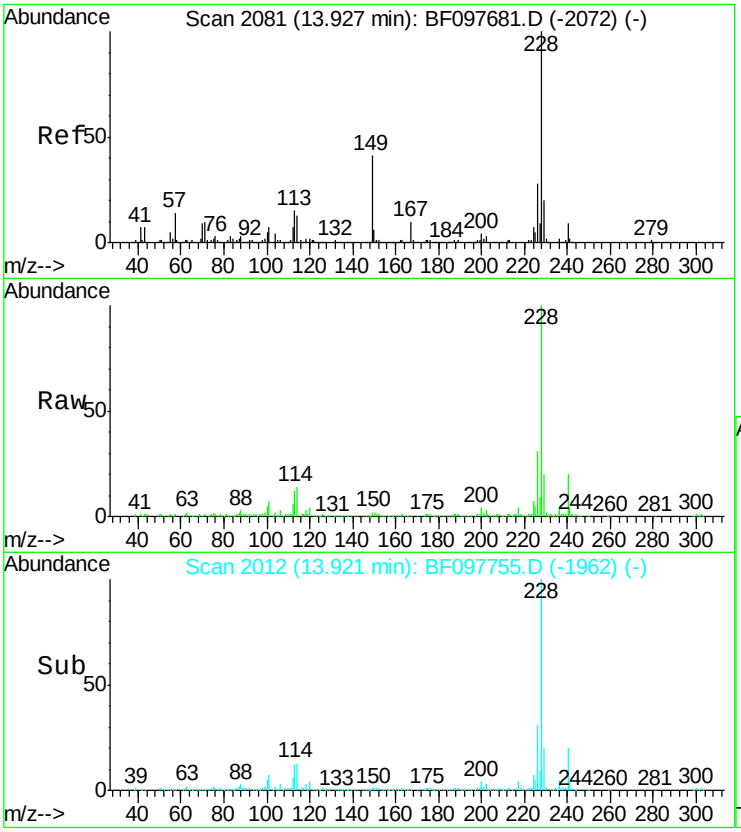


#78
Terphenyl-d14
Concen: 12.27 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:244 Resp: 187450

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5



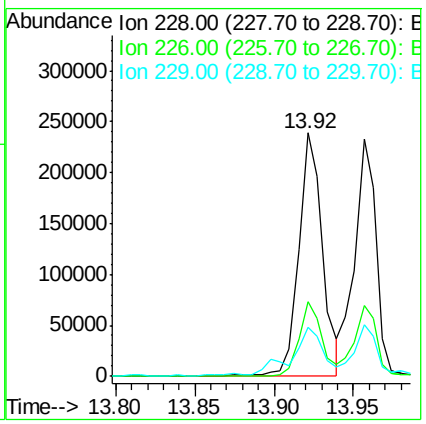


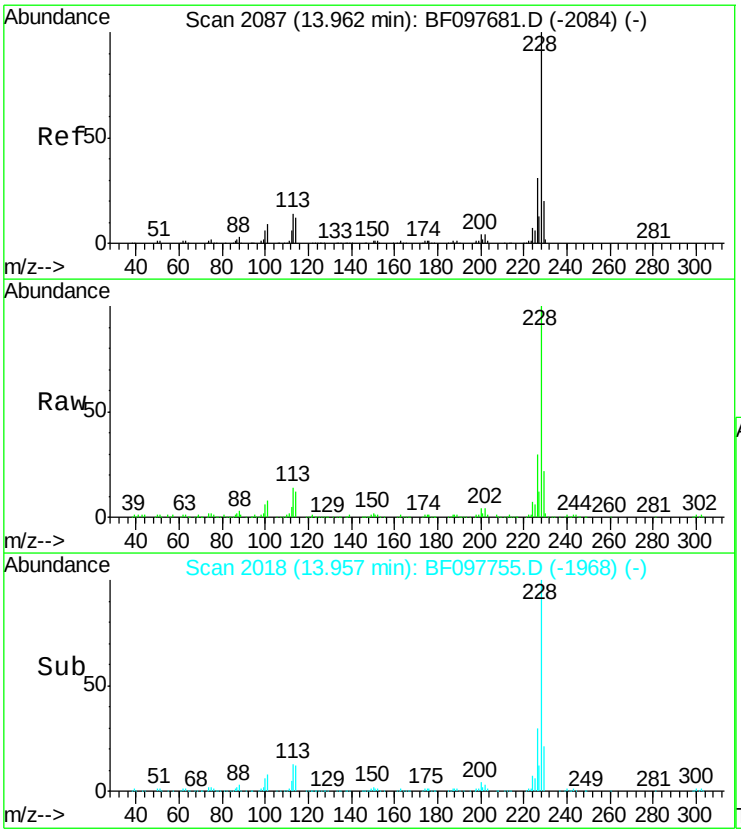
#80
Benzo(a)anthracene
Concen: 12.95 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:228 Resp: 247174

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.4	16.3	24.5

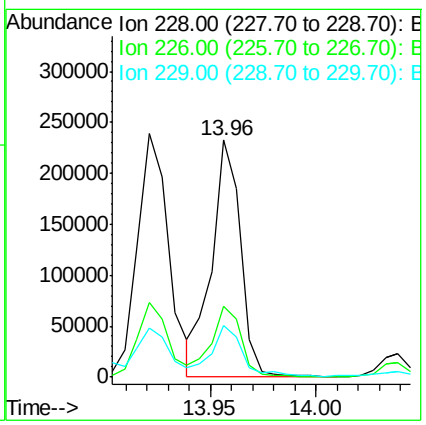


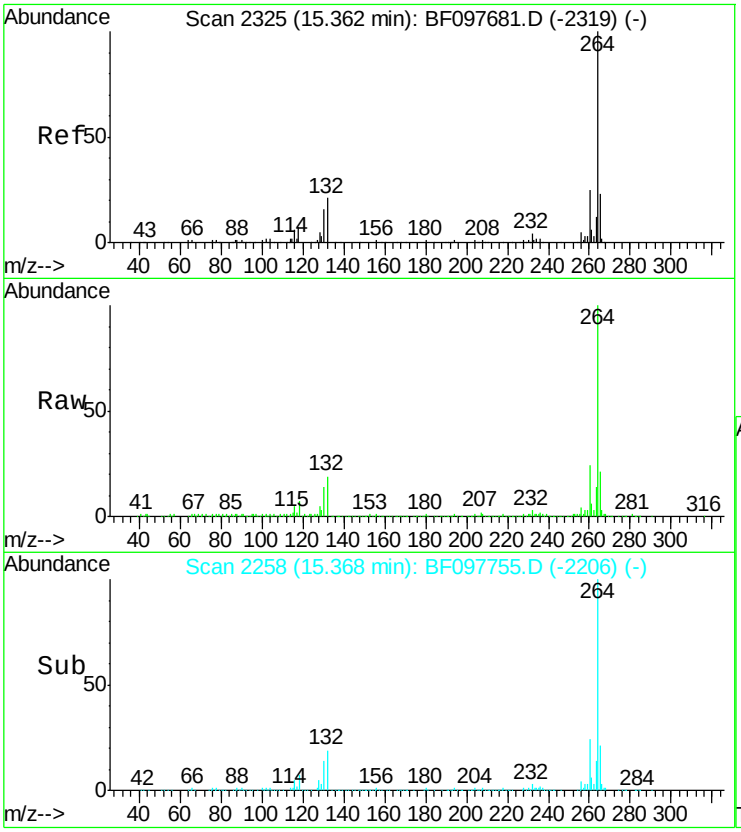


#82
Chrysene
Concen: 11.63 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:228 Resp: 220954

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.0	15.8	23.6



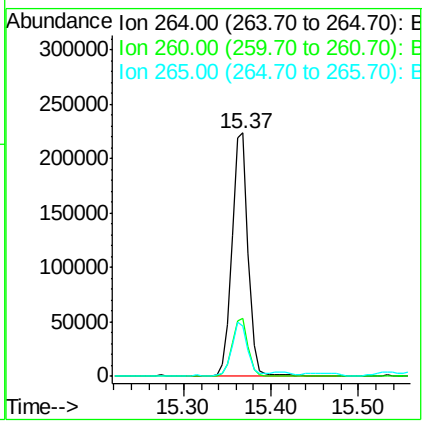


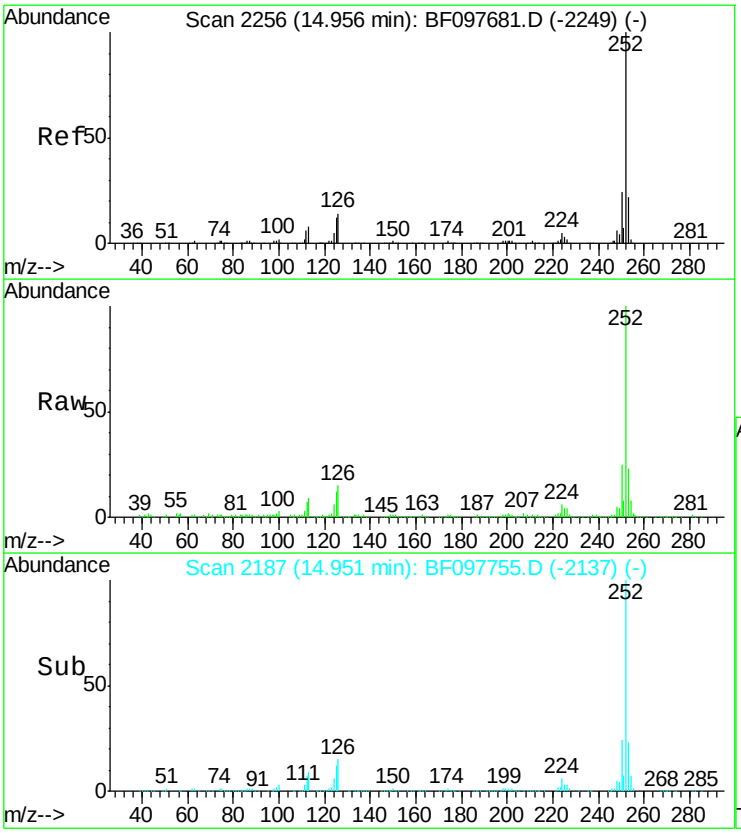
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:264 Resp: 282234

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	17.2	25.8

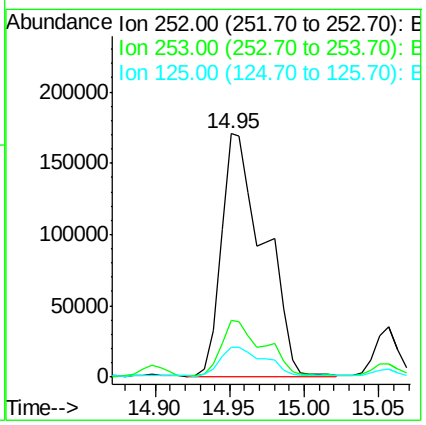


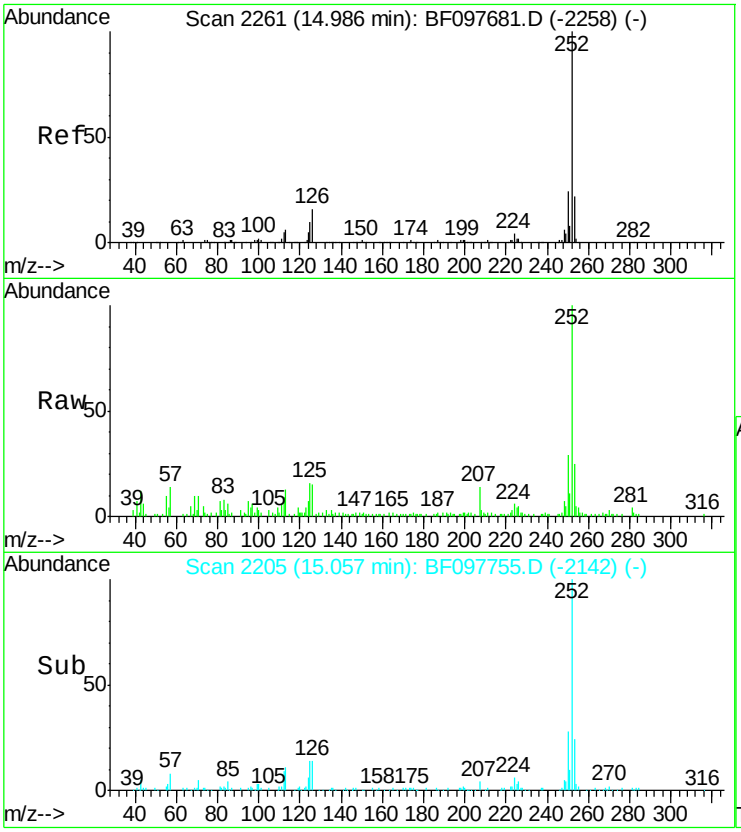


#87
Benzo(b)fluoranthene
Concen: 18.96 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:252 Resp: 337220

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.3	9.8	14.8



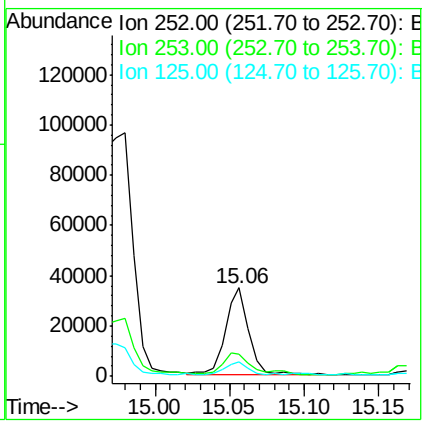


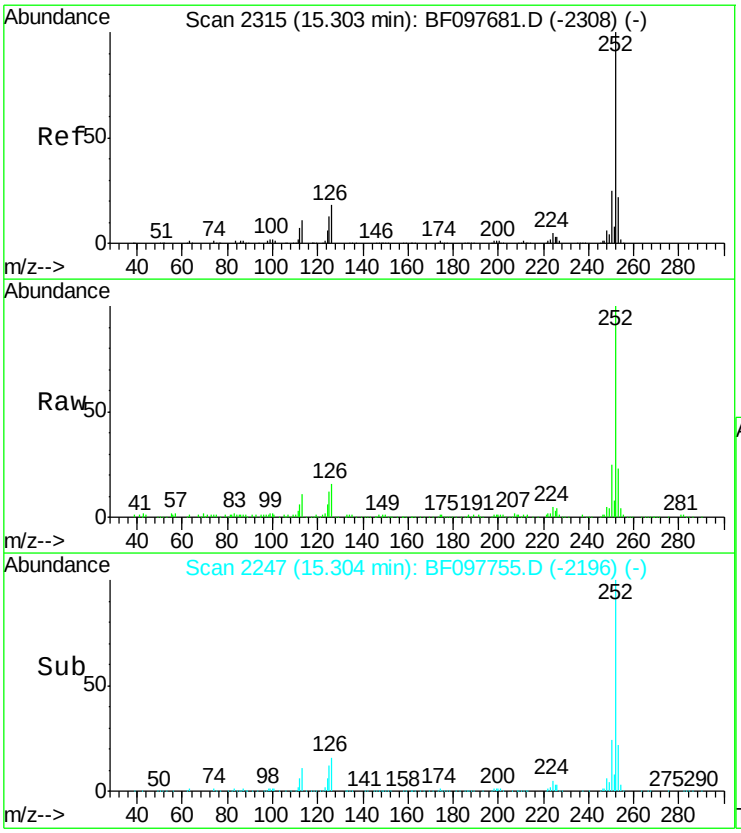
#88
Benzo(k)fluoranthene
Concen: 2.27 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.07 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:252 Resp: 37870

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.4	27.6
125	15.7	13.1	19.7

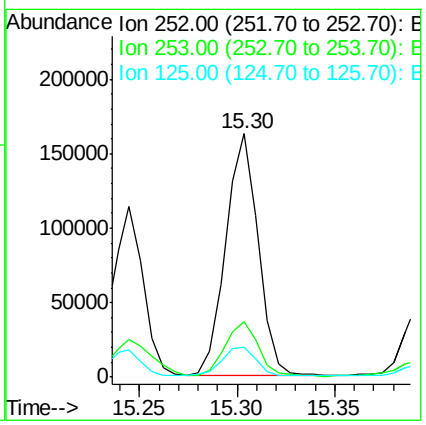


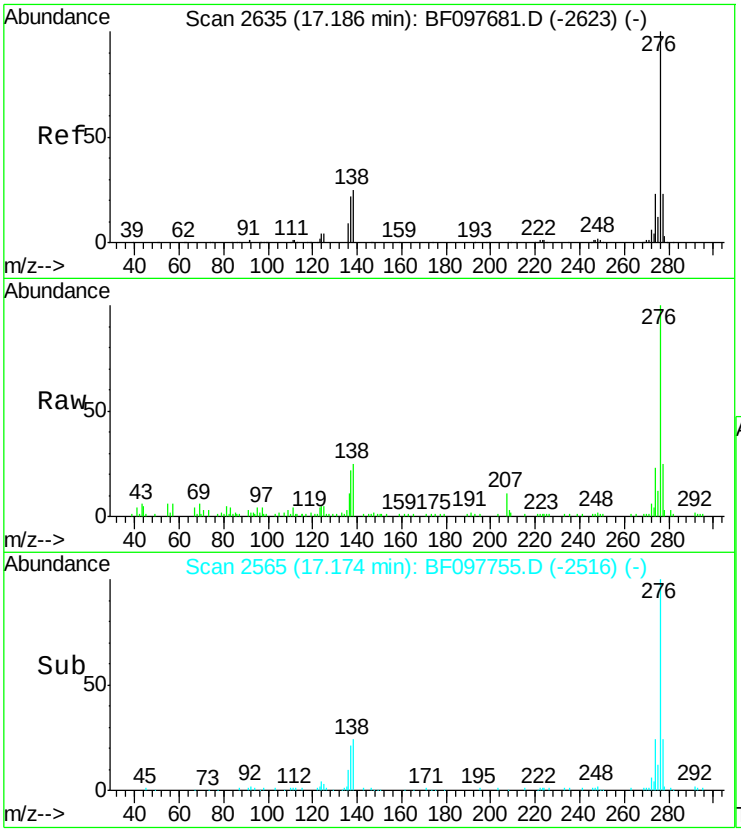


#89
Benzo(a)pyrene
Concen: 11.90 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Tgt Ion:252 Resp: 187374

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	12.3	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 6.26 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BF097755.D
Acq: 16 Aug 2017 22:54

Instrument :
BNA_F
ClientSampleId :
S11-WC-5

Tgt Ion:276 Resp: 83704

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	24.9	25.4	38.0#