Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097441.D
Acq On : 7 Aug 2017 20:51
Operator : SJ/JU
Sample : I4623-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-WS

Quant Time: Aug 08 04:49:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	98981	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	383432	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	167312	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	214090	20.00	ng		0.00
75) Chrysene-d12	13.53	240	172941	20.00	ng		0.00
86) Perylene-d12	14.87	264	152268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	577152	87.90	ng		0.00
7) Phenol-d6	6.08	99	737267	98.36	ng		0.00
23) Nitrobenzene-d5	6.98	82	411291	62.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.23	330	92257	69.79	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	580652	58.90	ng		0.00
78) Terphenyl-d14	12.49	244	376584	44.40	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.09	94	29579	3.33	ng	#	65
19) n-Nitroso-di-n-propylamine	6.98	70	55145	11.18	ng	#	85
25) Isophorone	6.98	82	411288	32.13	ng	#	67
49) Dimethylphthalate	9.17	163	117571	9.25	ng		97
51) Acenaphthene	9.47	154	90829	9.55	ng		96
54) Dibenzofuran	9.65	168	34636	2.73	ng	#	97
55) 4-Nitrophenol	9.65	139	13365	6.72	ng	#	28
57) Fluorene	9.98	166	56558	5.94	ng		96
66) 4-Bromophenyl-phenylether	10.22	248	5900	2.76	ng	#	1
70) Phenanthrene	10.93	178	557538	48.60	ng		99
71) Anthracene	10.99	178	154486	13.15	ng		97
72) Carbazole	11.15	167	55873	4.84	ng		98
74) Fluoranthene	12.12	202	686414	61.08	ng		98
77) Pyrene	12.34	202	635924	44.92	ng		98
80) Benzo(a)anthracene	13.53	228	336878	30.11	ng		100
82) Chrysene	13.56	228	300124	27.47	ng		96
85) Indeno(1,2,3-cd)pyrene	16.06	276	96817	10.33	ng		99
87) Benzo(b)fluoranthene	14.53	252	446107	48.74	ng		97
88) Benzo(k)fluoranthene	14.53	252	446107	51.15	ng		97
89) Benzo(a)pyrene	14.82	252	232554	27.76	ng		97
90) Dibenzo(a,h)anthracene	16.20	278	23644	3.44	ng		96
91) Benzo(g,h,i)perylene	16.42	276	86736	12.04	ng		98

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

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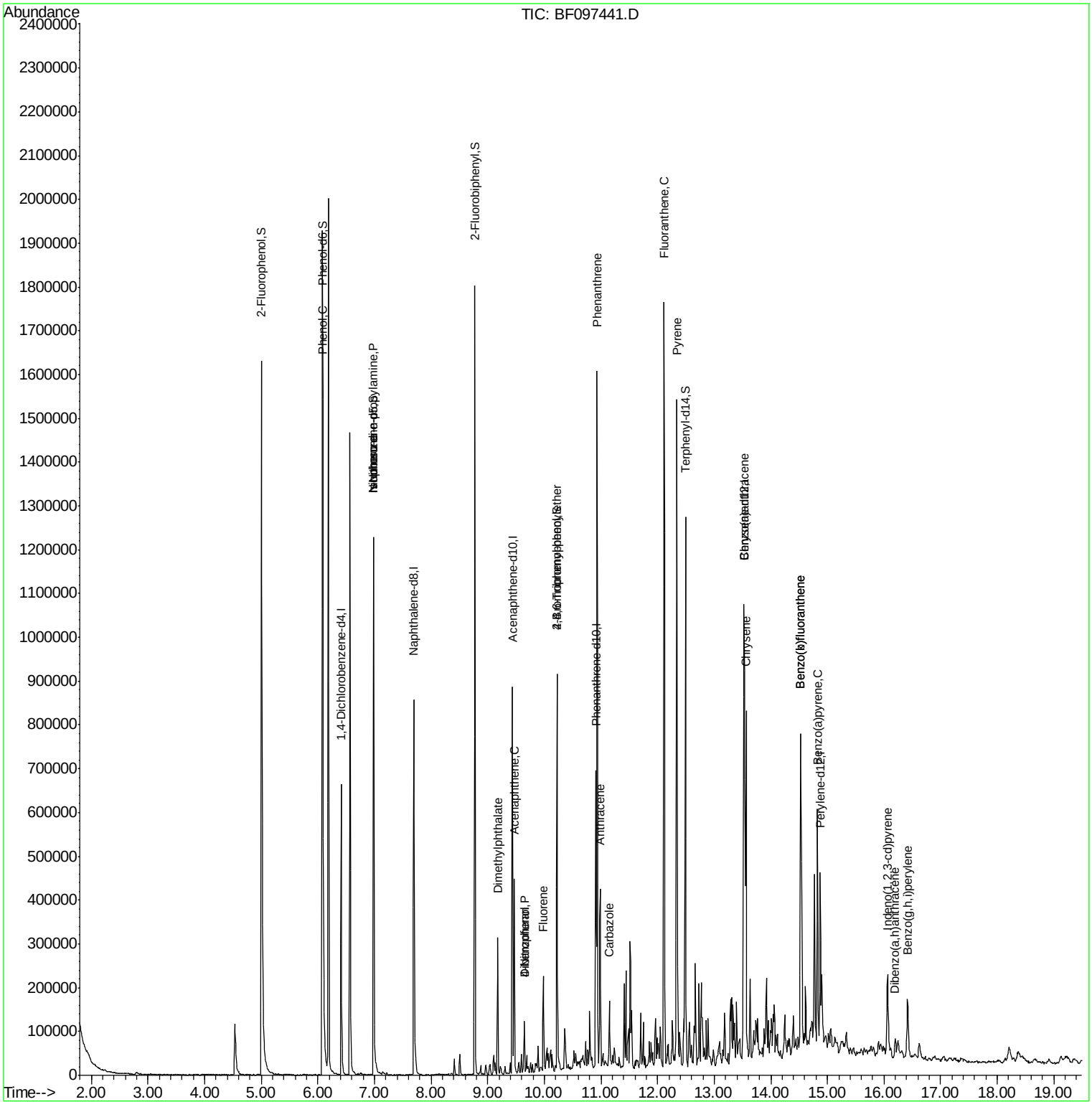
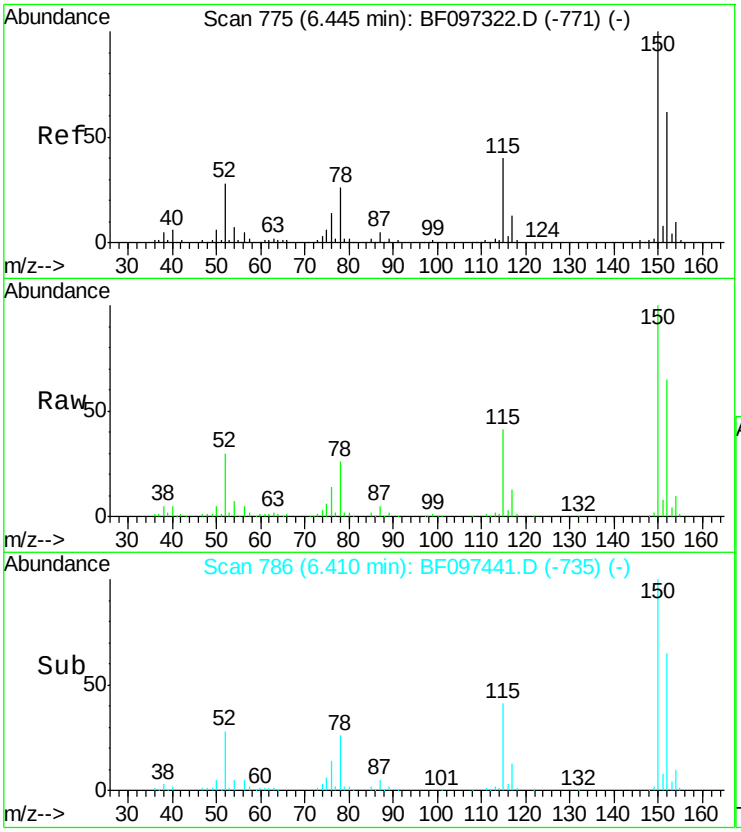


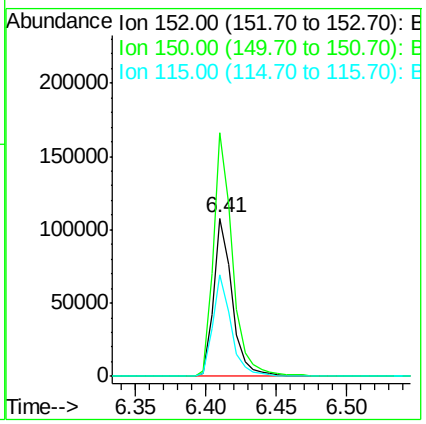


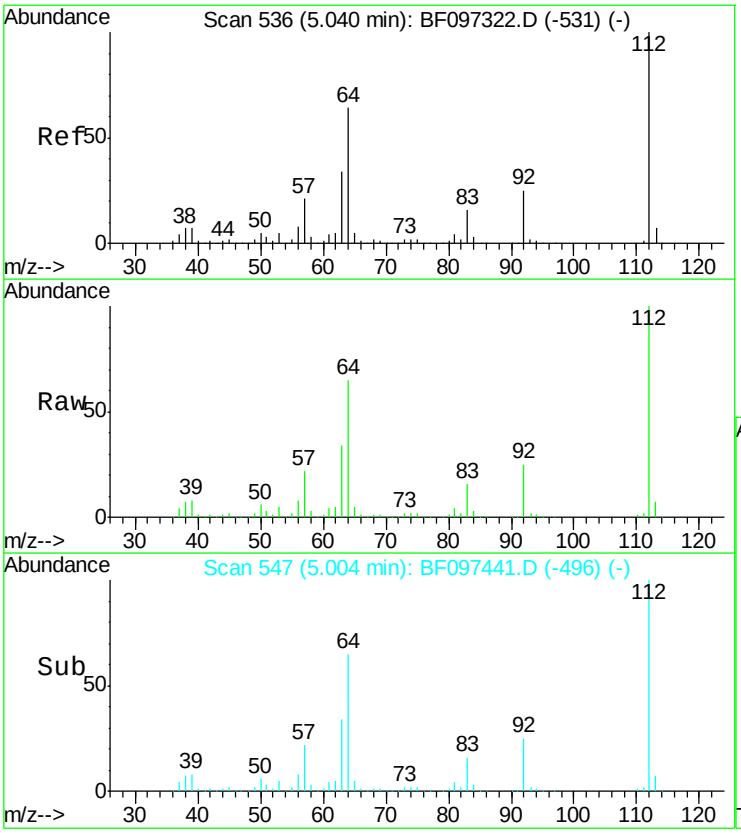
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:152 Resp: 98981

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	63.8	52.2	78.2

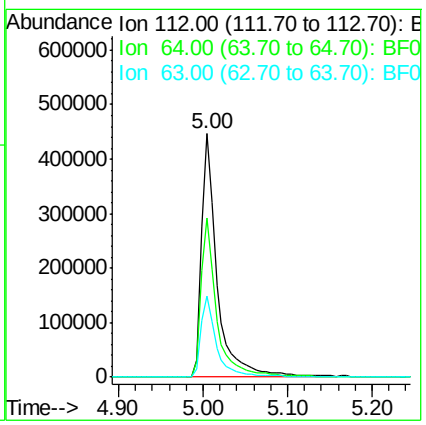


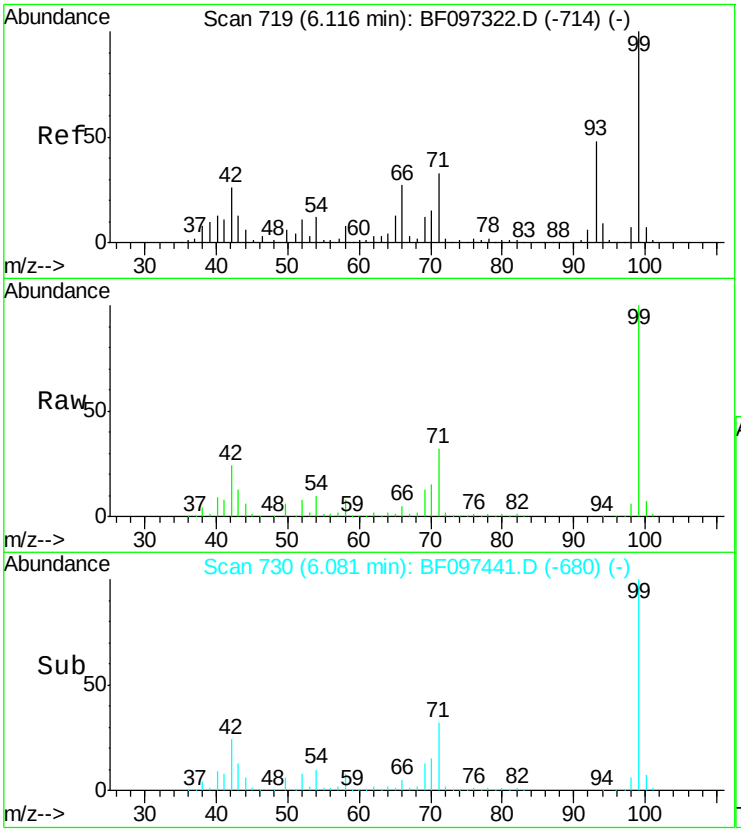


#5
2-Fluorophenol
Concen: 87.90 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:112 Resp: 577152

Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	33.5	23.4	35.0



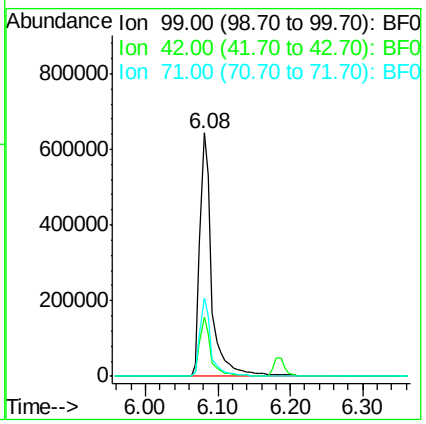


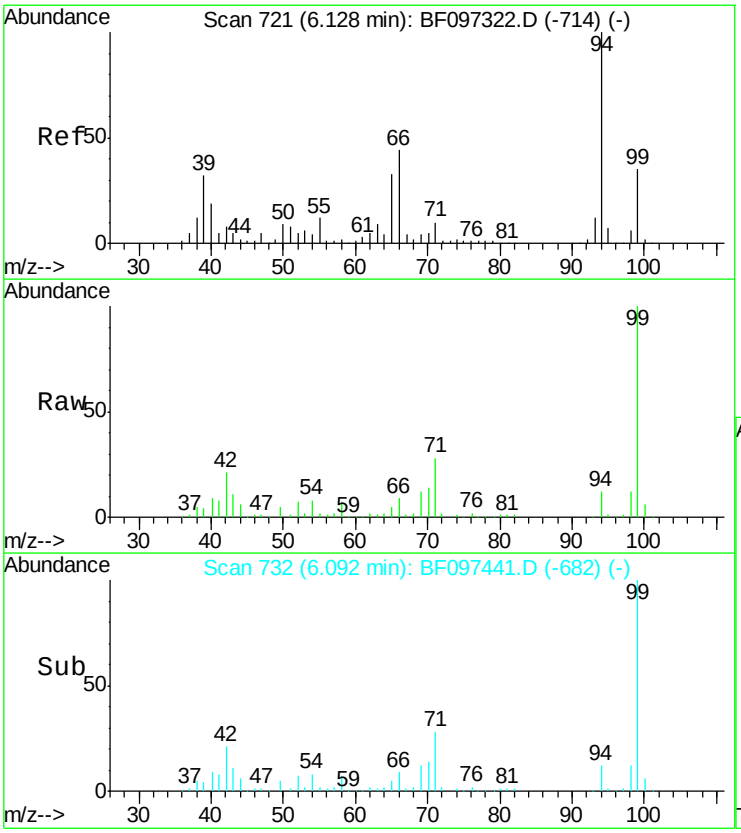
#7
Phenol-d6
Concen: 98.36 ng
RT: 6.08 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion: 99 Resp: 737267

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	32.0	24.5	36.7

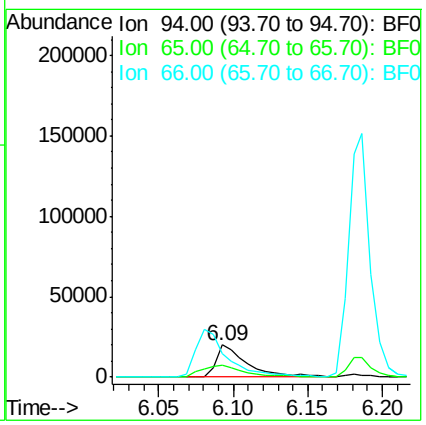


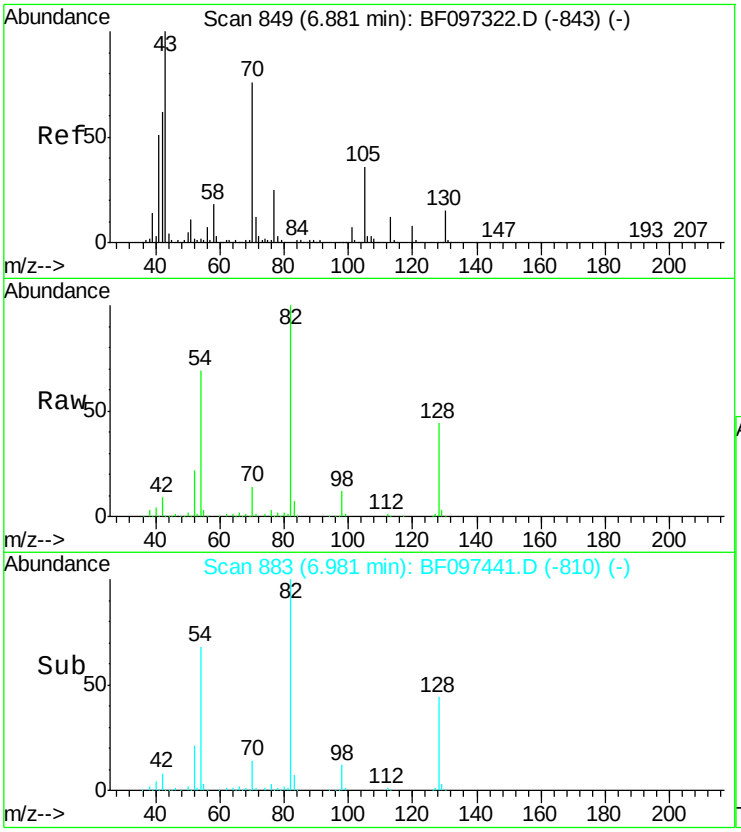


#10
Phenol
Concen: 3.33 ng
RT: 6.09 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion: 94 Resp: 29579

Ion	Ratio	Lower	Upper
94	100		
65	39.4	9.9	49.9
66	73.2	23.1	63.1#



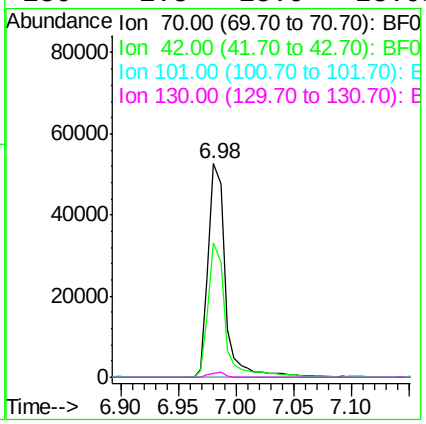


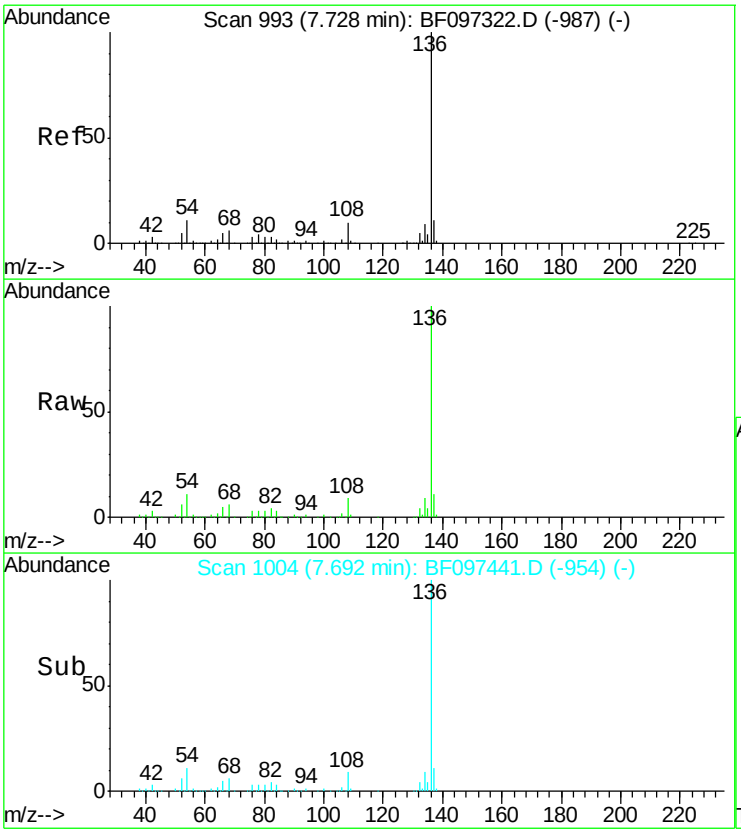
#19
n-Nitroso-di-n-propylamine
Concen: 11.18 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion: 70 Resp: 55145

Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.2	70.8
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#

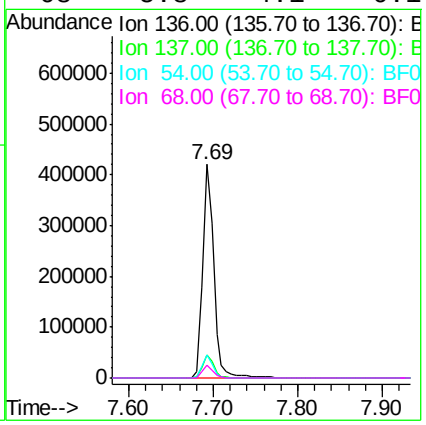


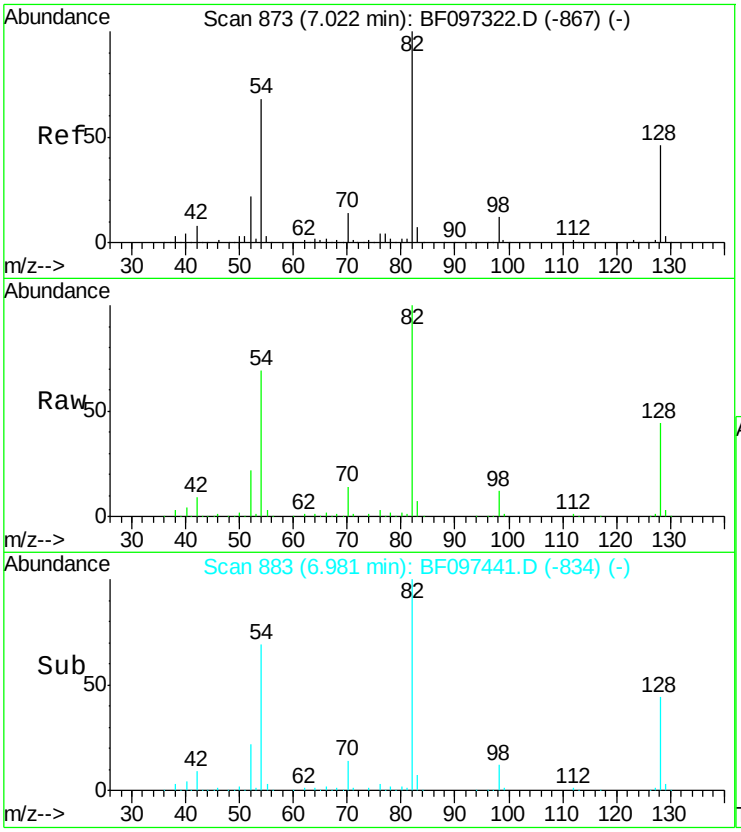


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:136 Resp: 383432

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.9	4.9	7.3#
68	5.8	4.1	6.1



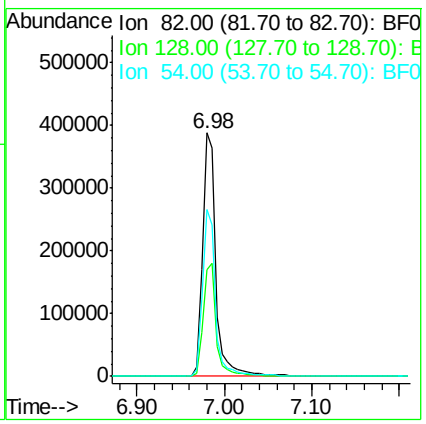


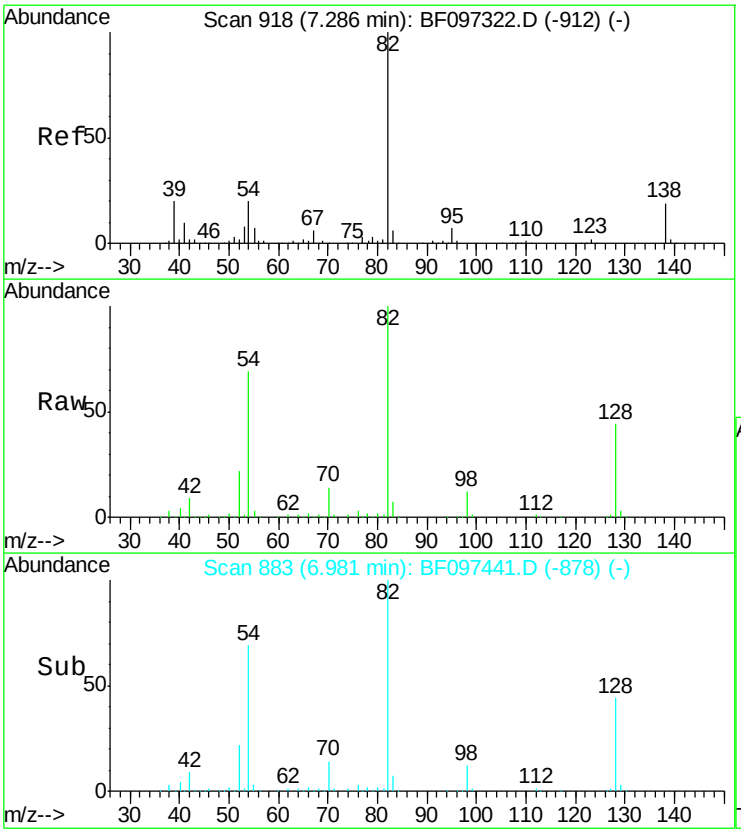
#23
Nitrobenzene-d5
Concen: 62.93 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion: 82 Resp: 411291

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	68.6	42.2	63.2#

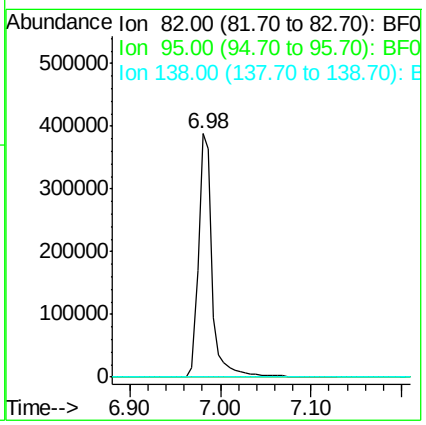


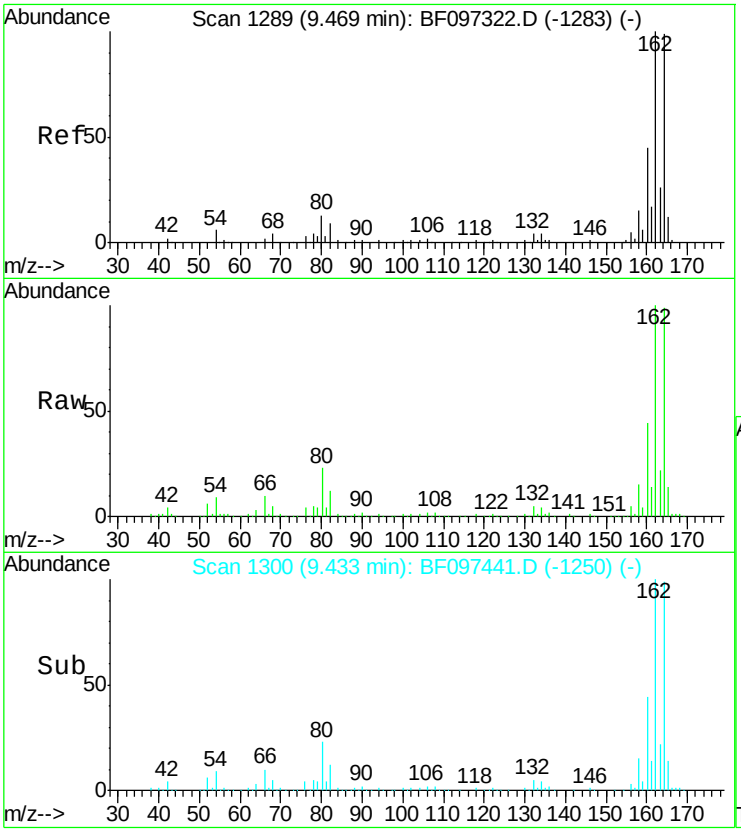


#25
Isophorone
Concen: 32.13 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion: 82 Resp: 411288

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



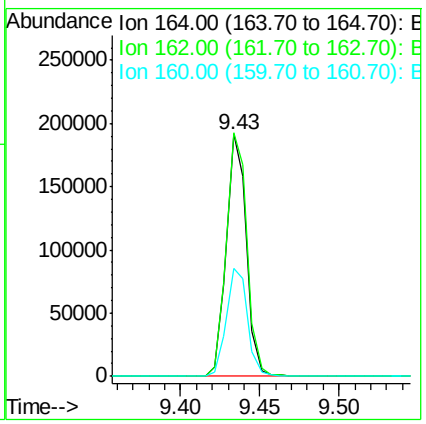


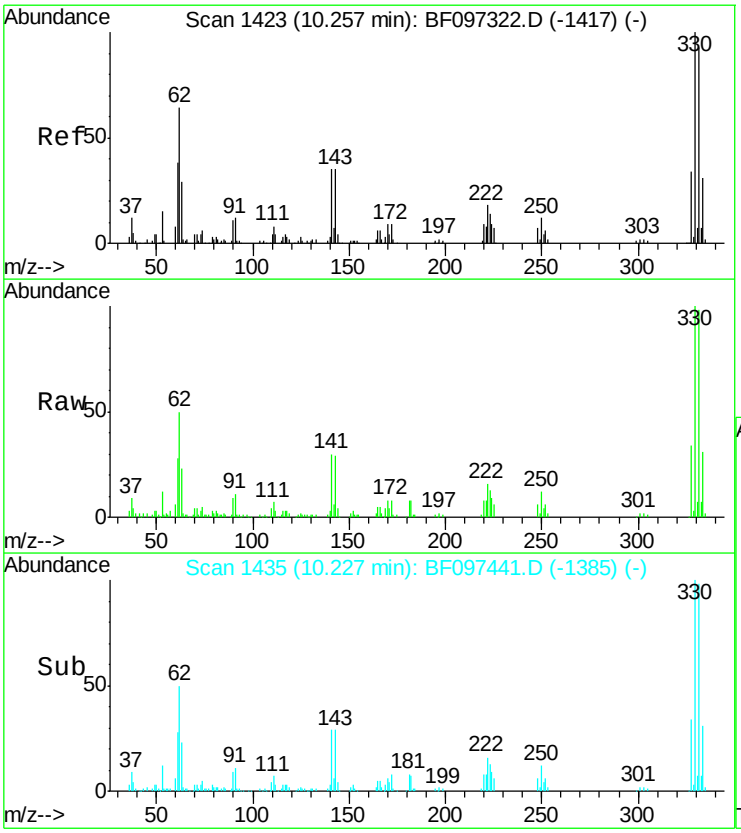
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:164 Resp: 167312

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	44.7	36.2	54.2

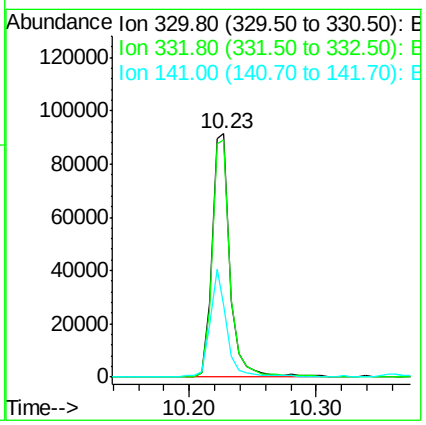


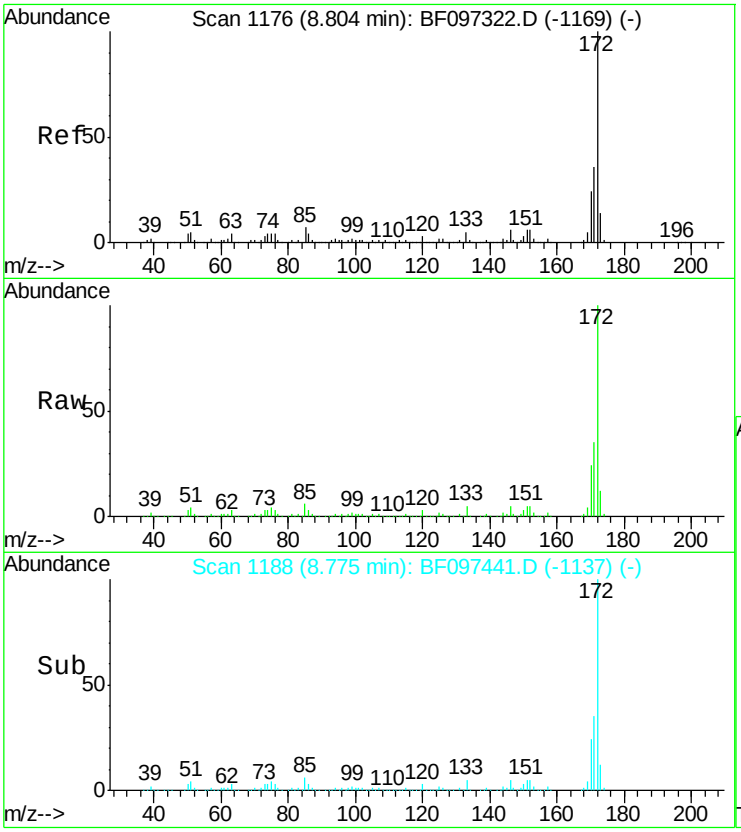


#41
2,4,6-Tribromophenol
Concen: 69.79 ng
RT: 10.23 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:330 Resp: 92257

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	40.8	31.4	47.2



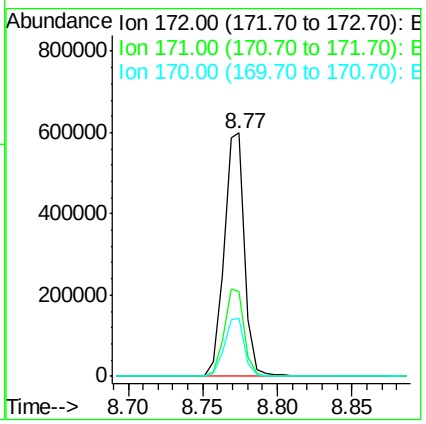


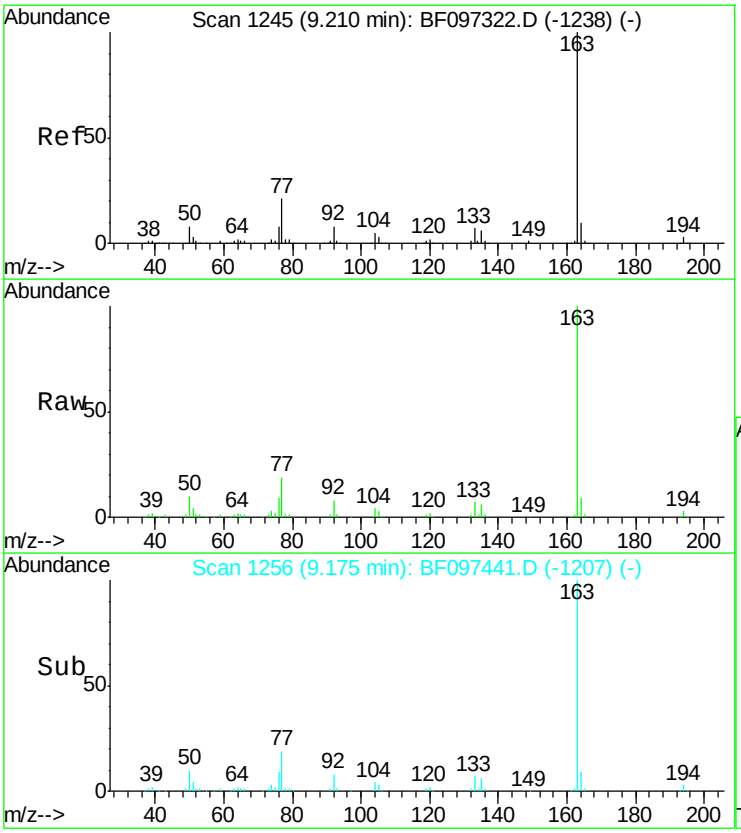
#44
2-Fluorobiphenyl
Concen: 58.90 ng
RT: 8.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:172 Resp: 580652

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	23.9	19.8	29.8

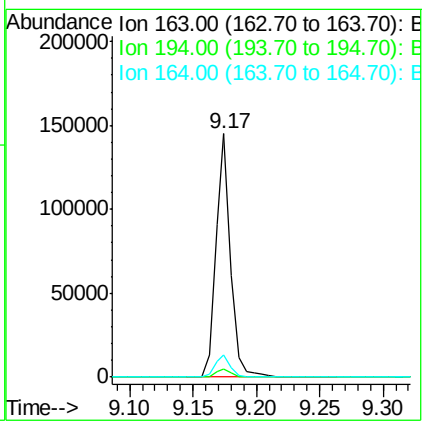


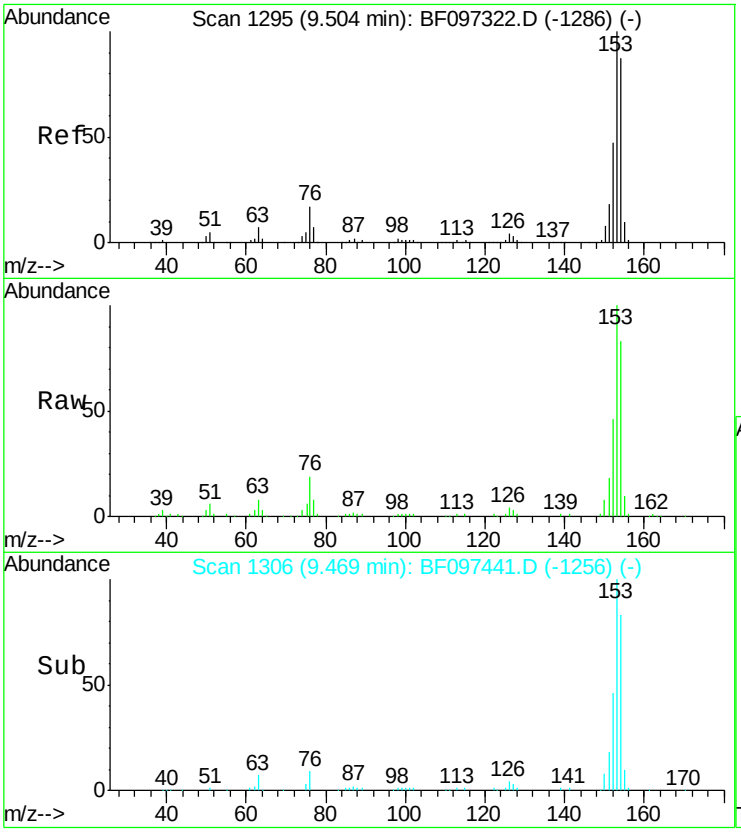


#49
Dimethylphthalate
Concen: 9.25 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:163 Resp: 117571

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.2	8.4	12.6



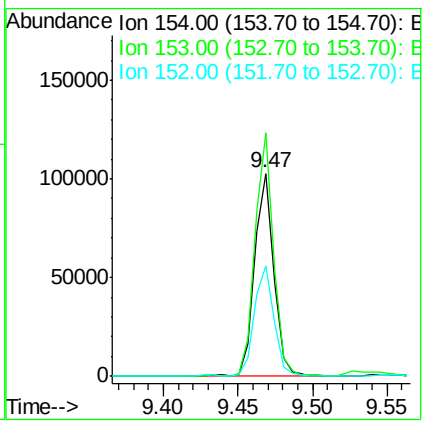


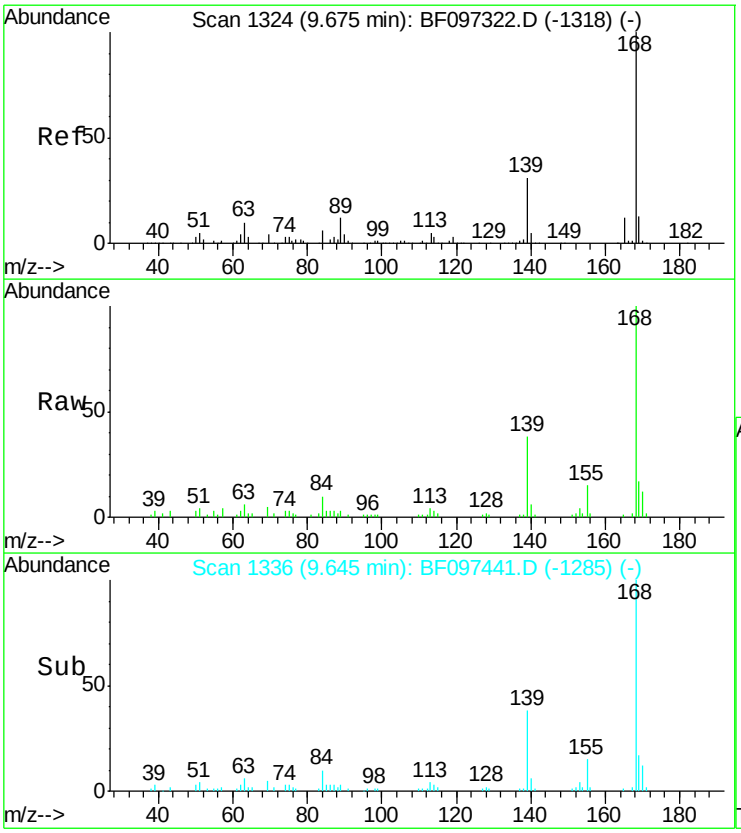
#51
Acenaphthene
Concen: 9.55 ng
RT: 9.47 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:154 Resp: 90829

Ion	Ratio	Lower	Upper
154	100		
153	120.0	90.5	135.7
152	54.7	43.6	65.4

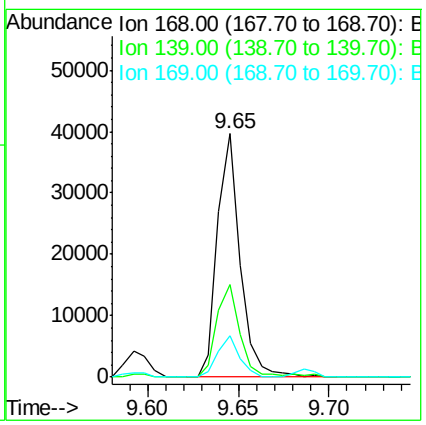


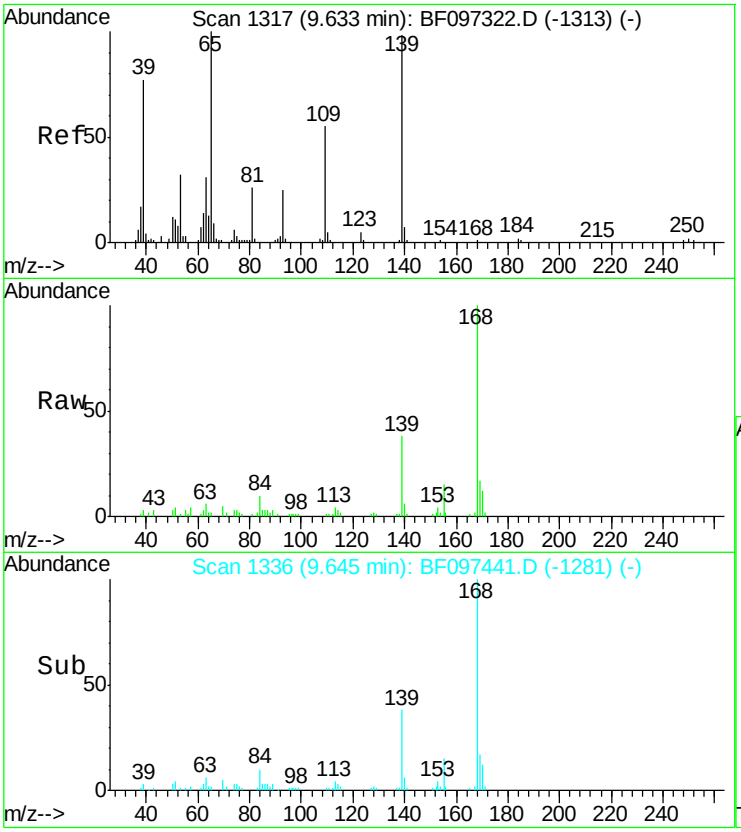


#54
Dibenzofuran
Concen: 2.73 ng
RT: 9.65 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:168 Resp: 34636

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.6	45.8
169	17.2	10.8	16.2#



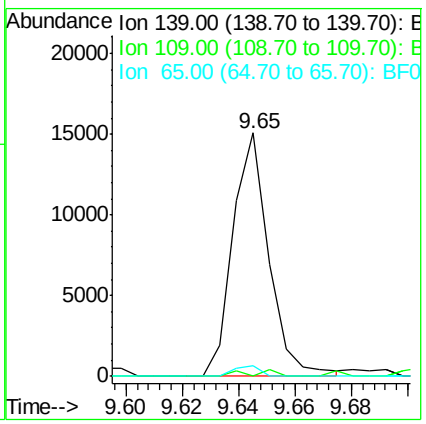


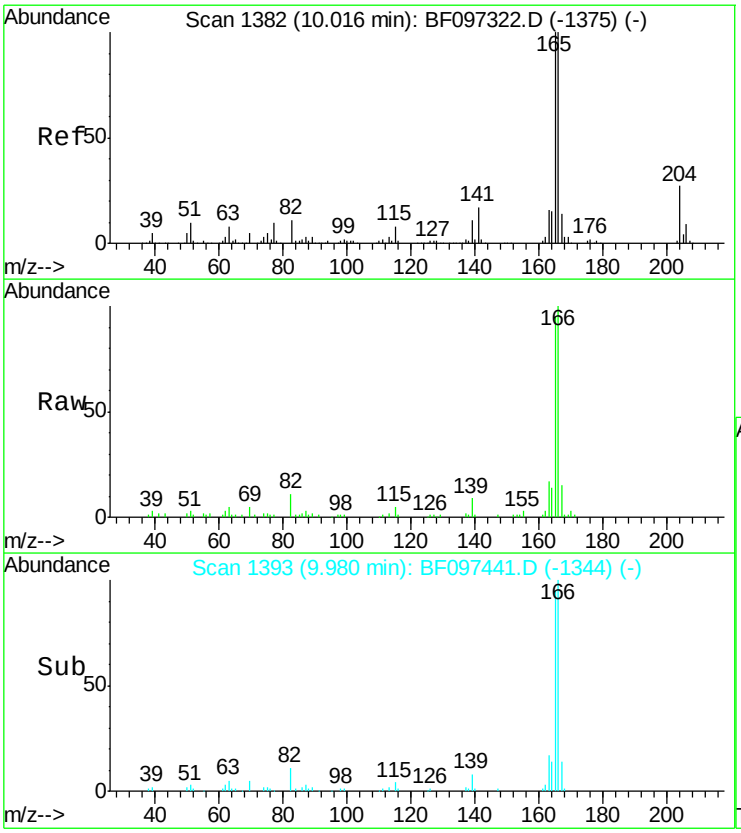
#55
4-Nitrophenol
Concen: 6.72 ng
RT: 9.65 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:139 Resp: 13365

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	4.3	31.4	71.4#

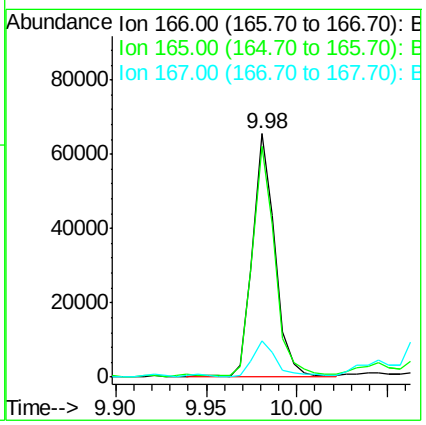


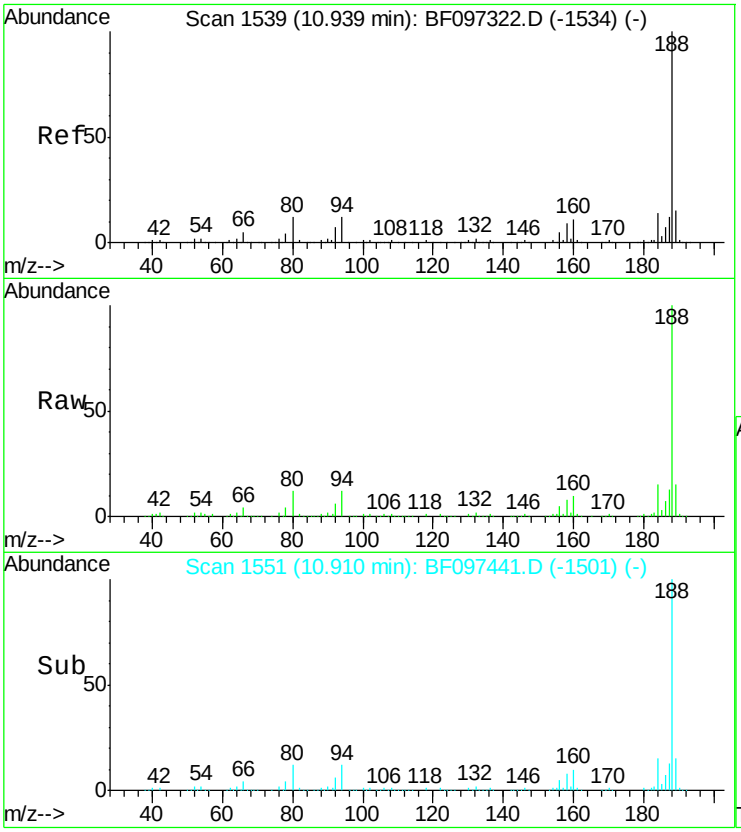


#57
Fluorene
Concen: 5.94 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:166 Resp: 56558

Ion	Ratio	Lower	Upper
166	100		
165	94.7	78.8	118.2
167	15.1	10.6	16.0



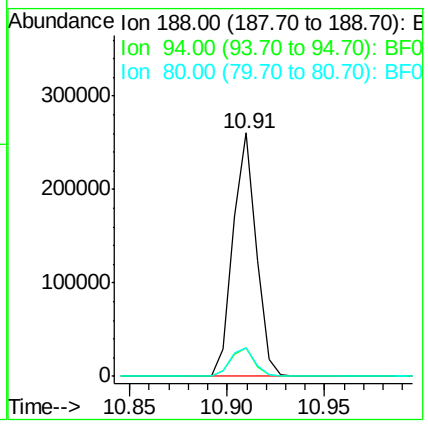


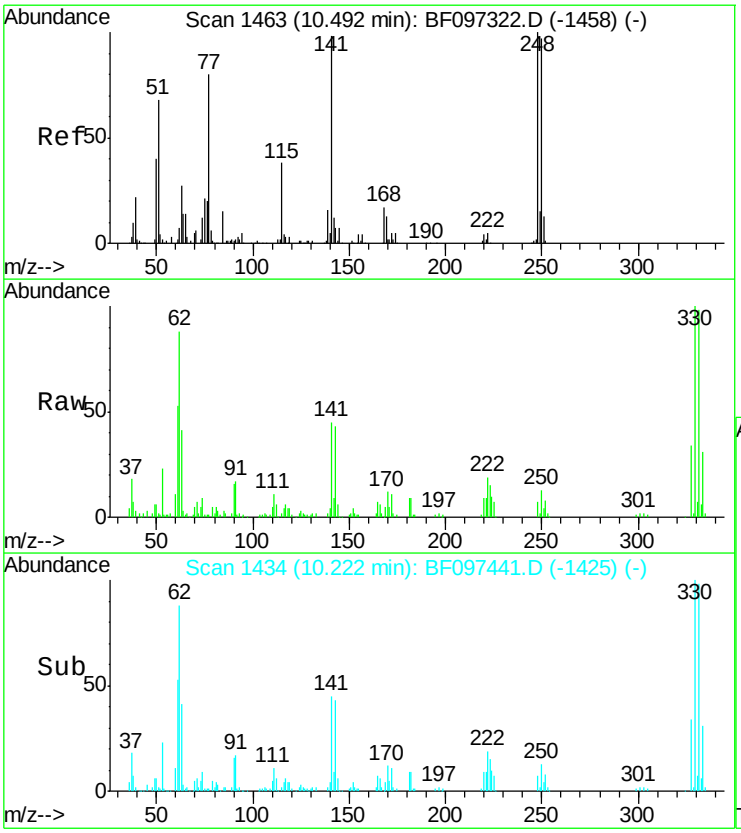
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:188 Resp: 214090

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.5	10.2	15.2

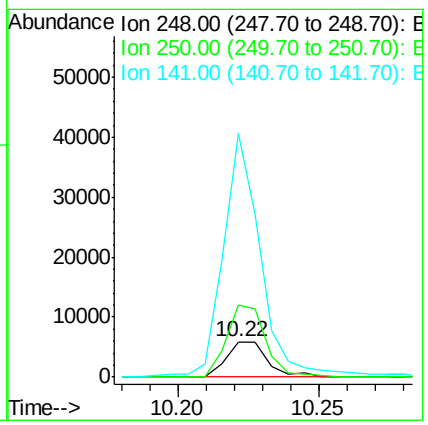


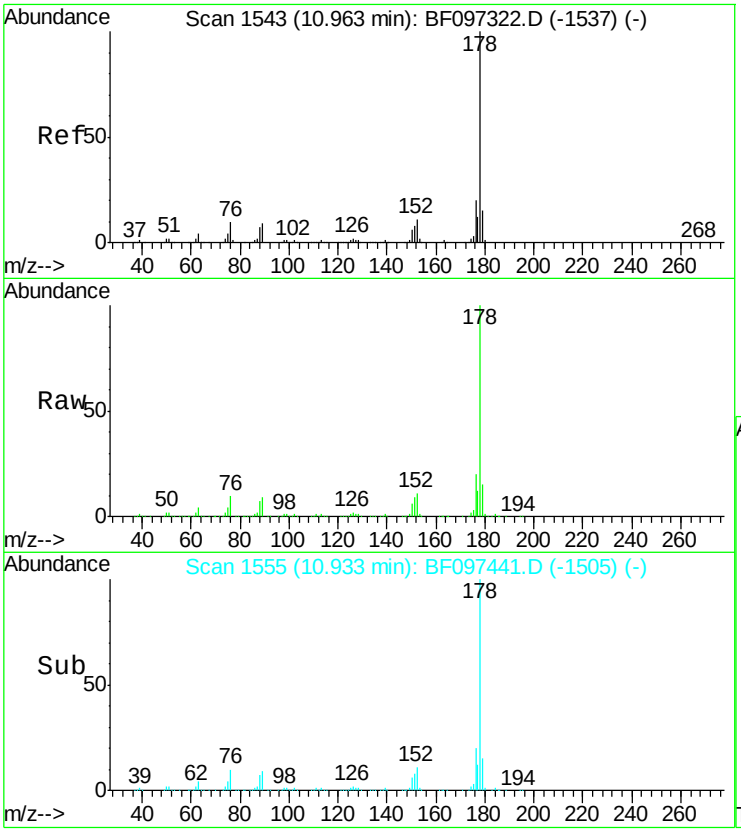


#66
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:248 Resp: 5900

Ion	Ratio	Lower	Upper
248	100		
250	201.5	76.8	115.2#
141	685.6	68.6	103.0#



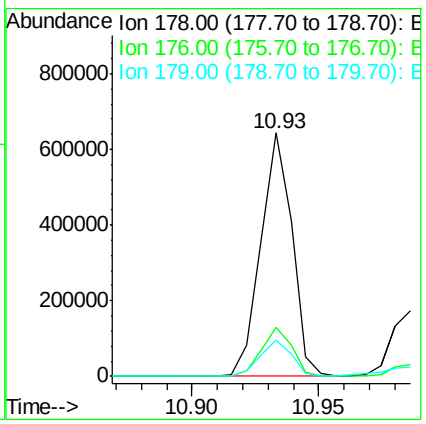


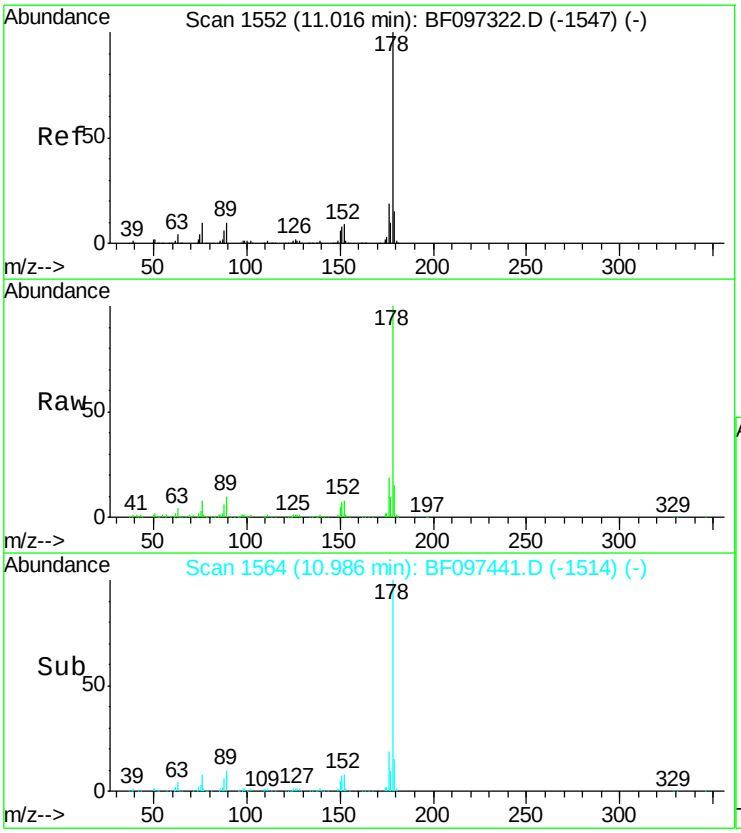
#70
Phenanthrene
Concen: 48.60 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:178 Resp: 557538

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.2	12.6	19.0

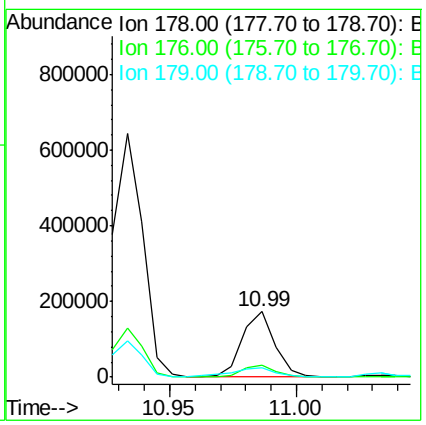


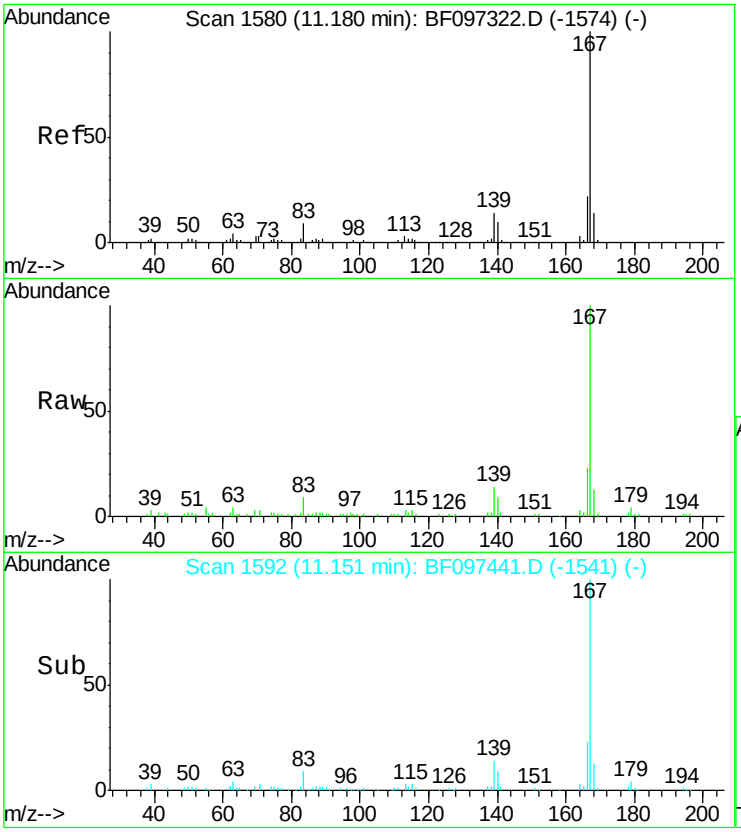


#71
Anthracene
Concen: 13.15 ng
RT: 10.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:178 Resp: 154486

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.6	12.7	19.1



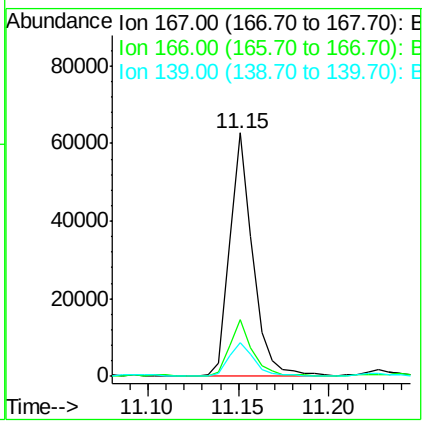


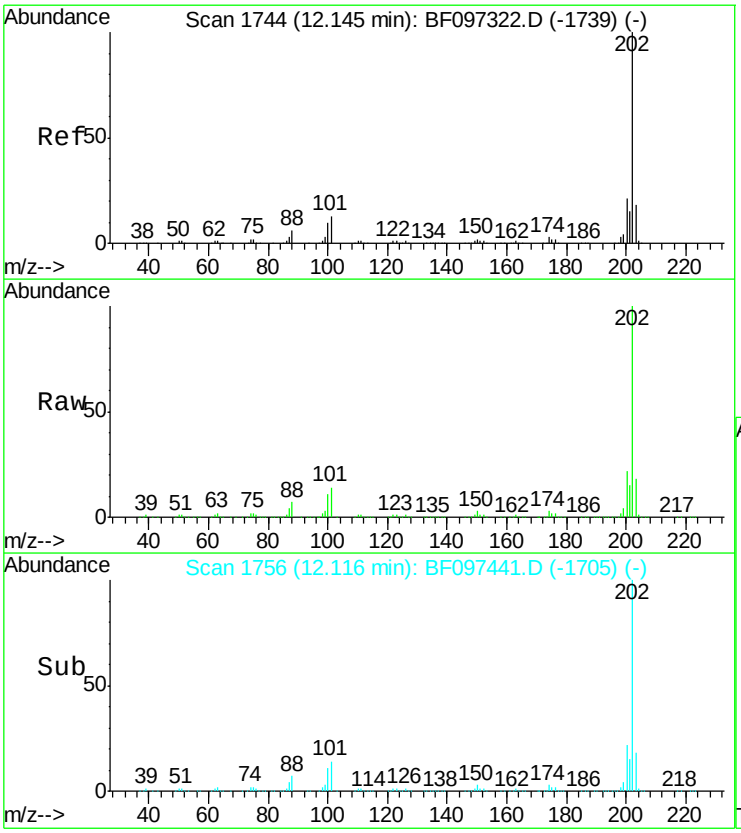
#72
Carbazole
Concen: 4.84 ng
RT: 11.15 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:167 Resp: 55873

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.1	27.1
139	13.8	11.7	17.5

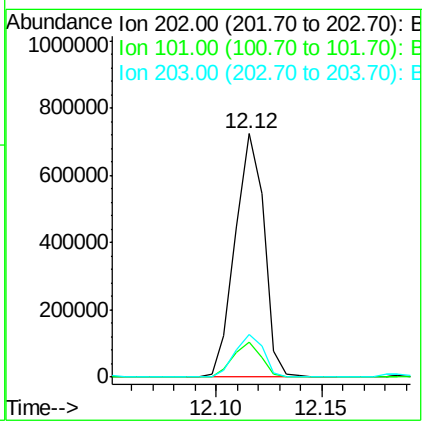


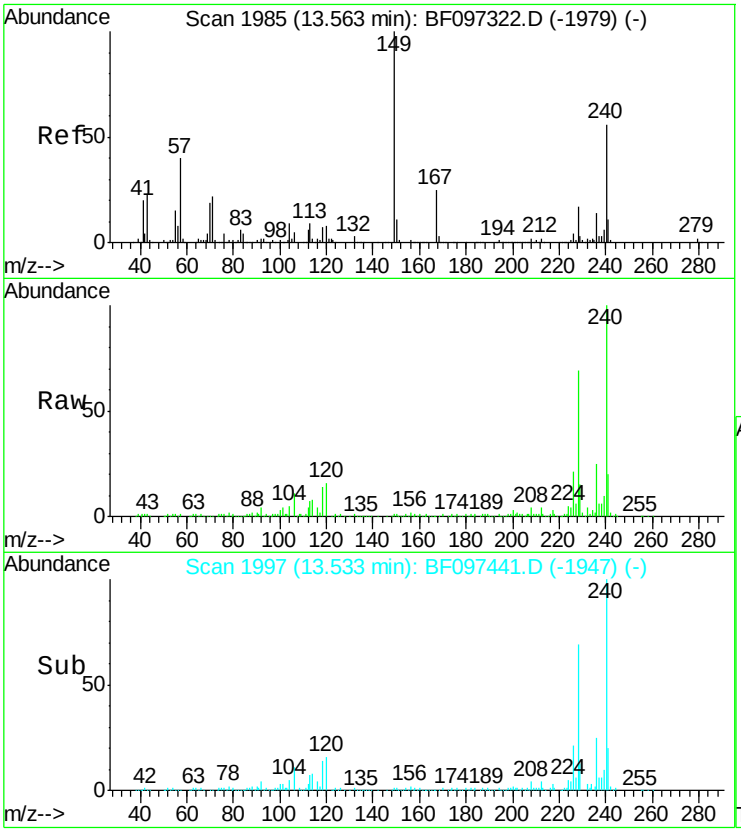


#74
Fluoranthene
Concen: 61.08 ng
RT: 12.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:202 Resp: 686414

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.7	0.0	38.1



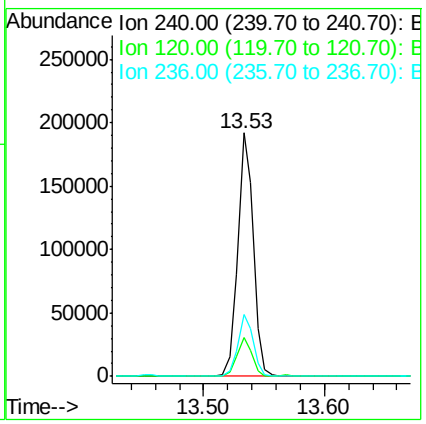


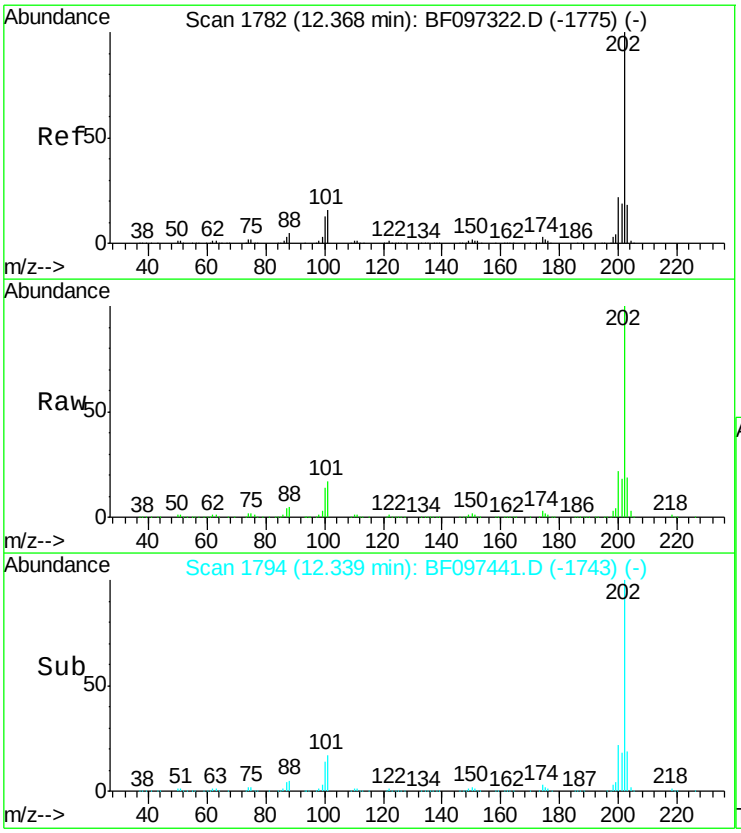
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:240 Resp: 172941

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.3	20.5	30.7

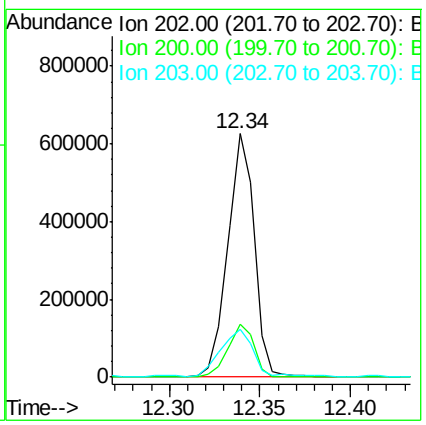


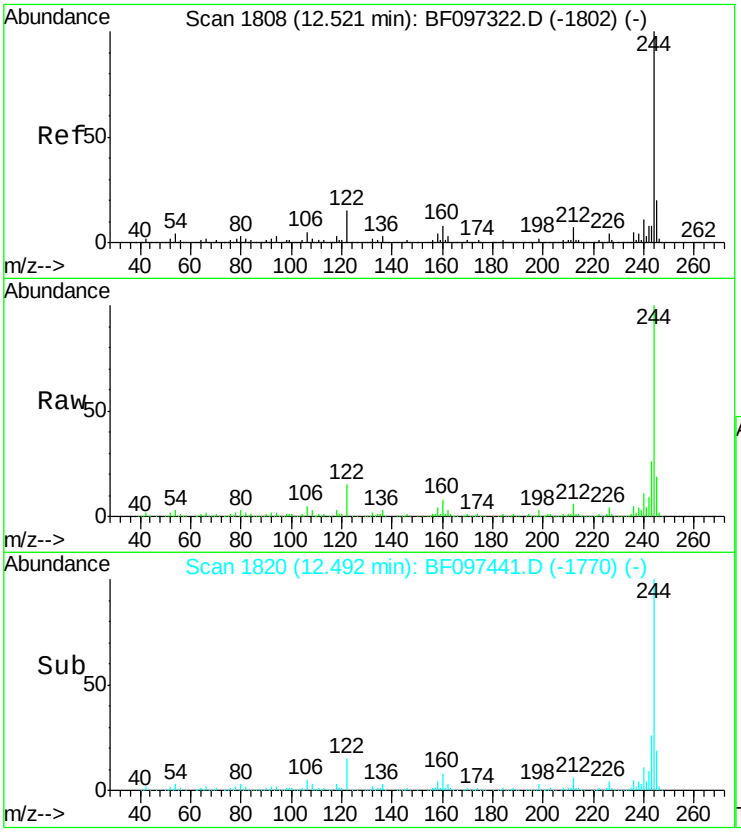


#77
Pyrene
Concen: 44.92 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:202 Resp: 635924

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	19.5	14.4	21.6



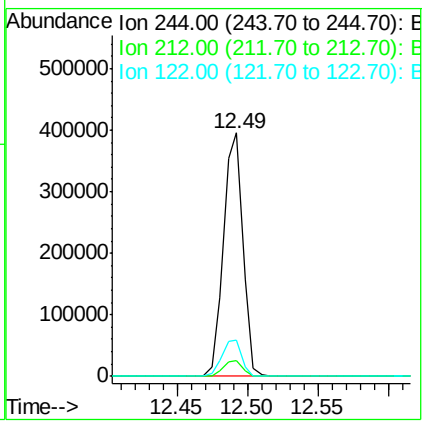


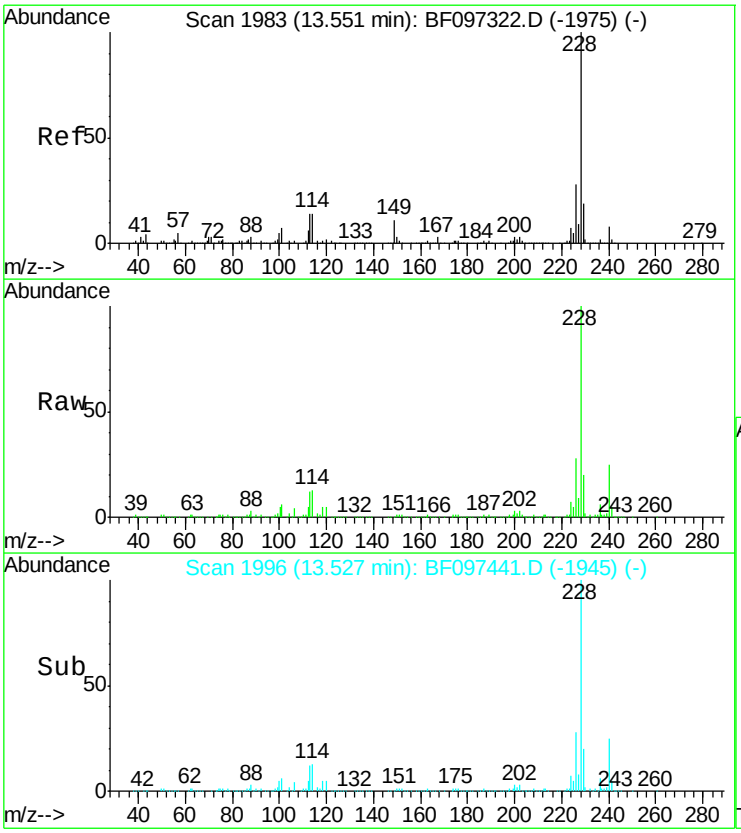
#78
Terphenyl-d14
Concen: 44.40 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:244 Resp: 376584

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.7	10.3	15.5

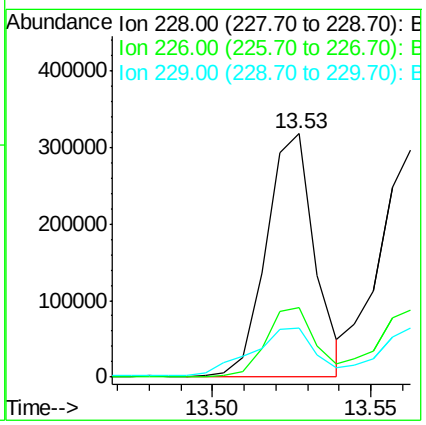


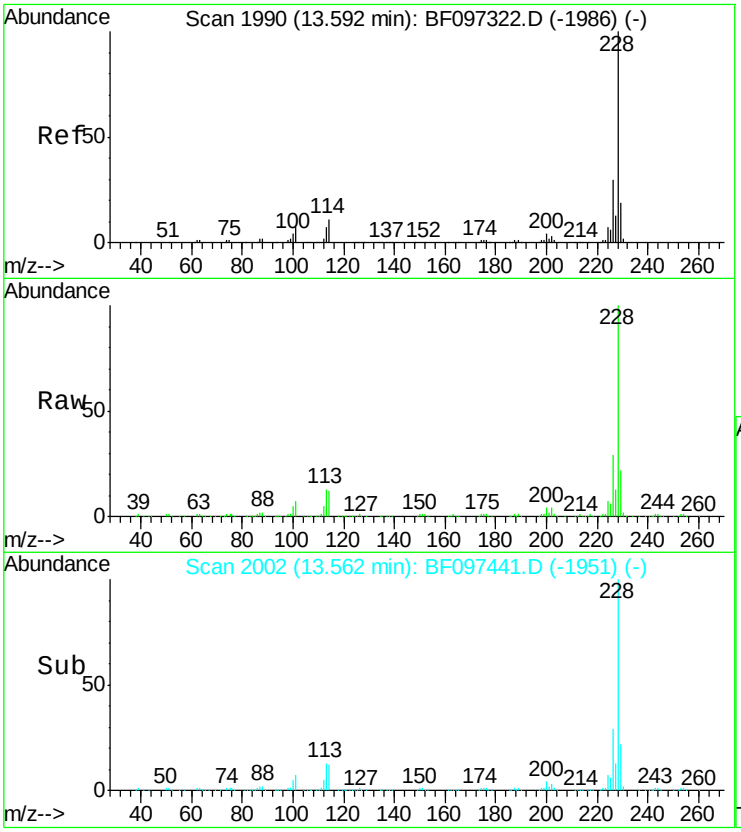


#80
Benzo(a)anthracene
Concen: 30.11 ng
RT: 13.53 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:228 Resp: 336878

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.2	16.3	24.5



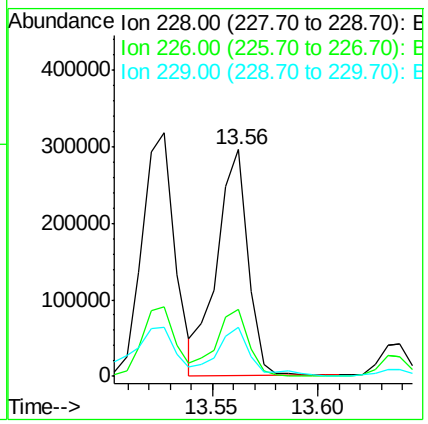


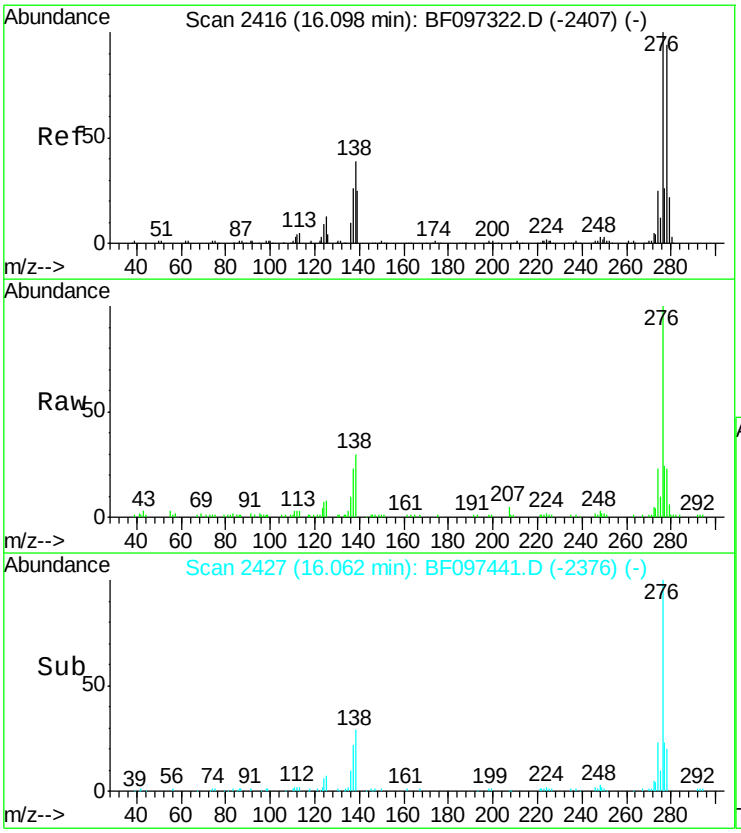
#82
Chrysene
Concen: 27.47 ng
RT: 13.56 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:228 Resp: 300124

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.9	15.8	23.6

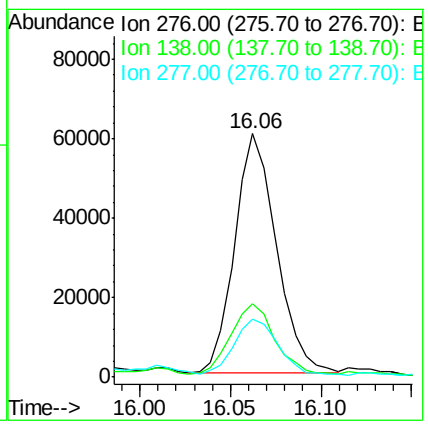


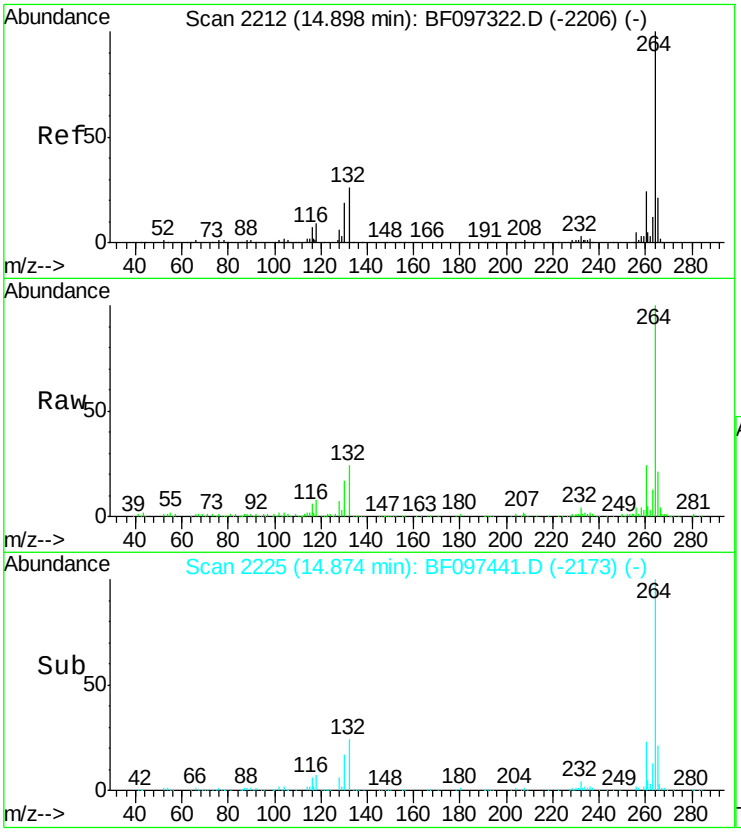


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.33 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:276 Resp: 96817

Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.8	41.6
277	24.7	20.2	30.4



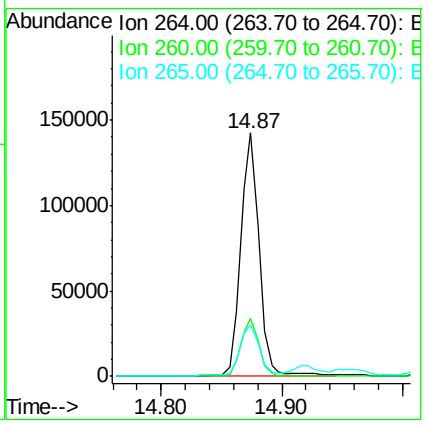


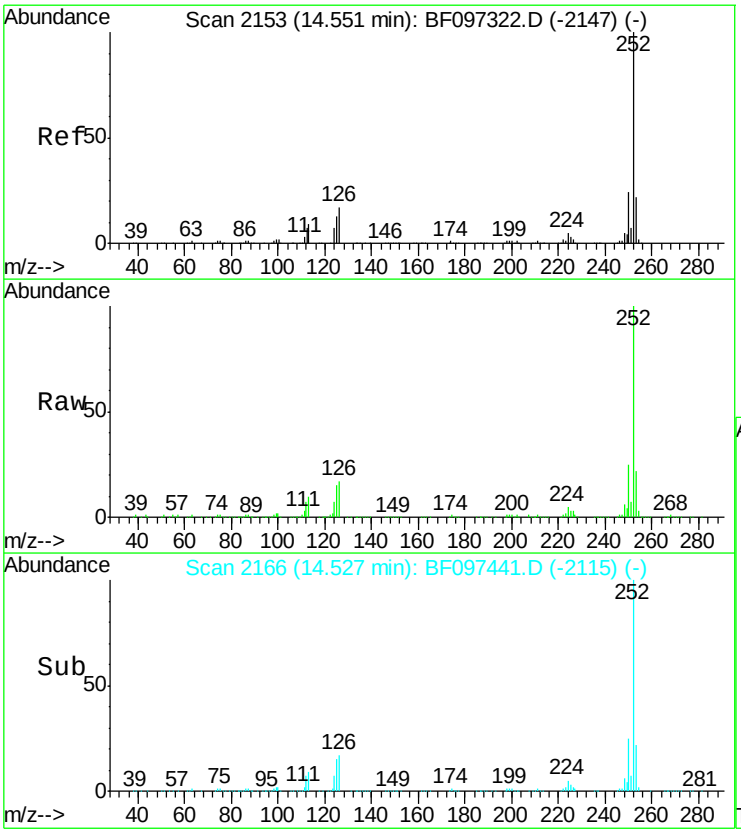
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:264 Resp: 152268

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.0	17.2	25.8

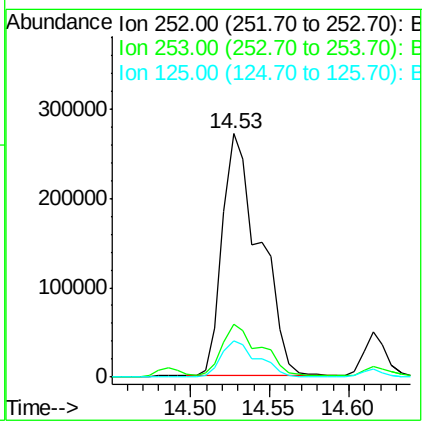


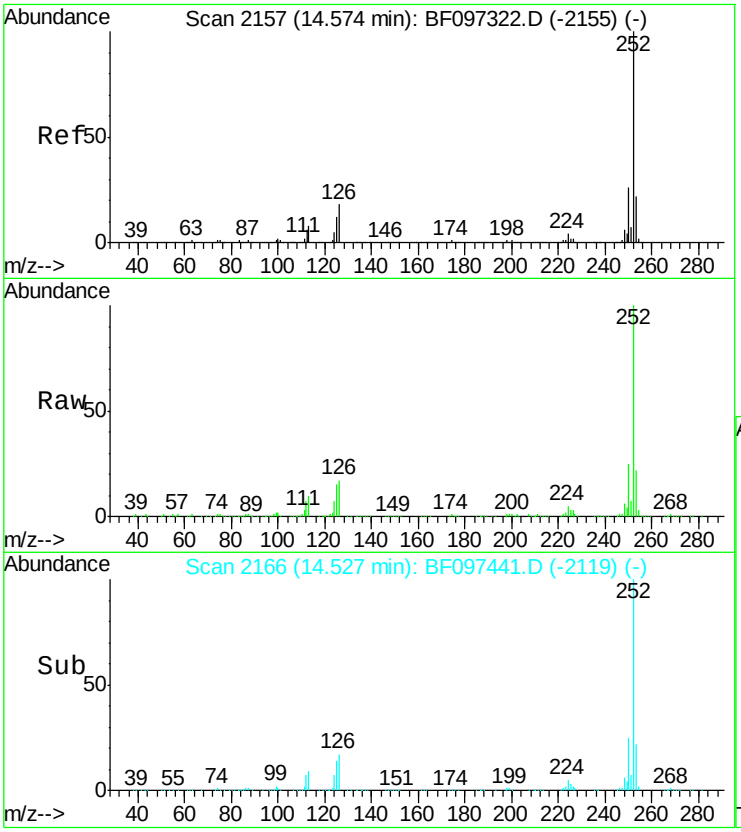


#87
Benzo(b)fluoranthene
Concen: 48.74 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:252 Resp: 446107

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.6	9.8	14.8



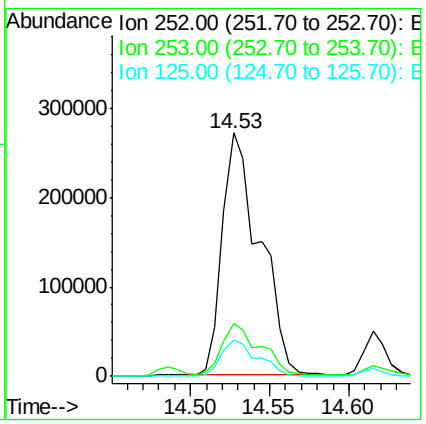


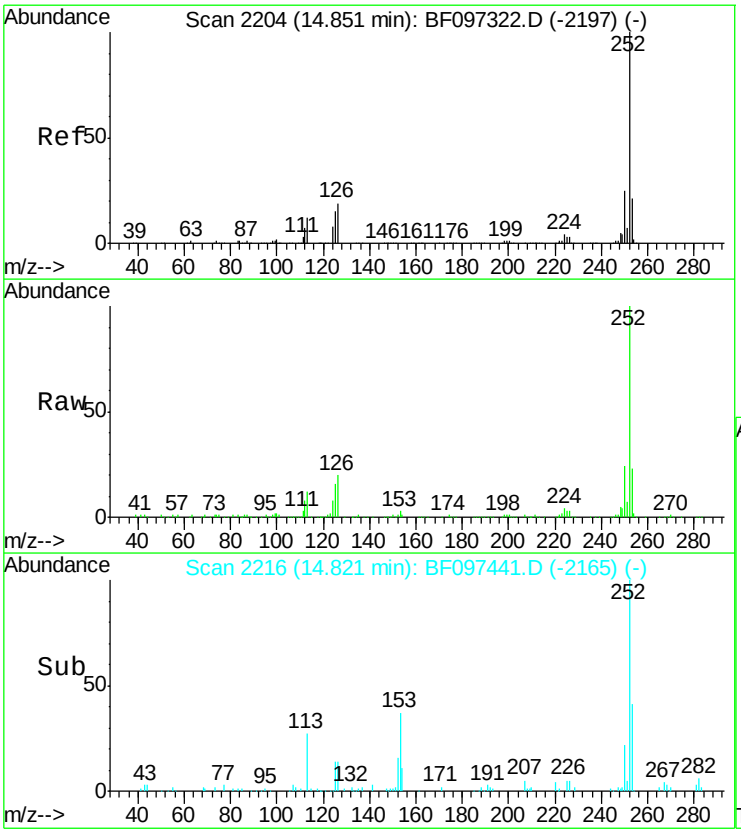
#88
Benzo(k)fluoranthene
Concen: 51.15 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:252 Resp: 446107

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.6	13.1	19.7

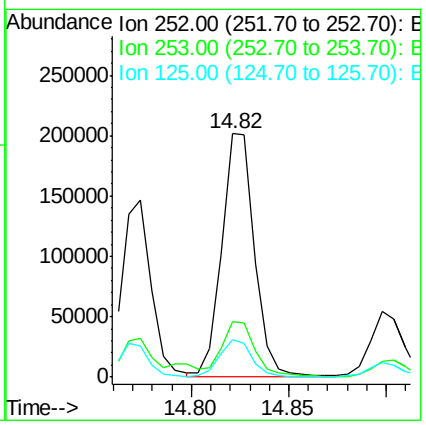


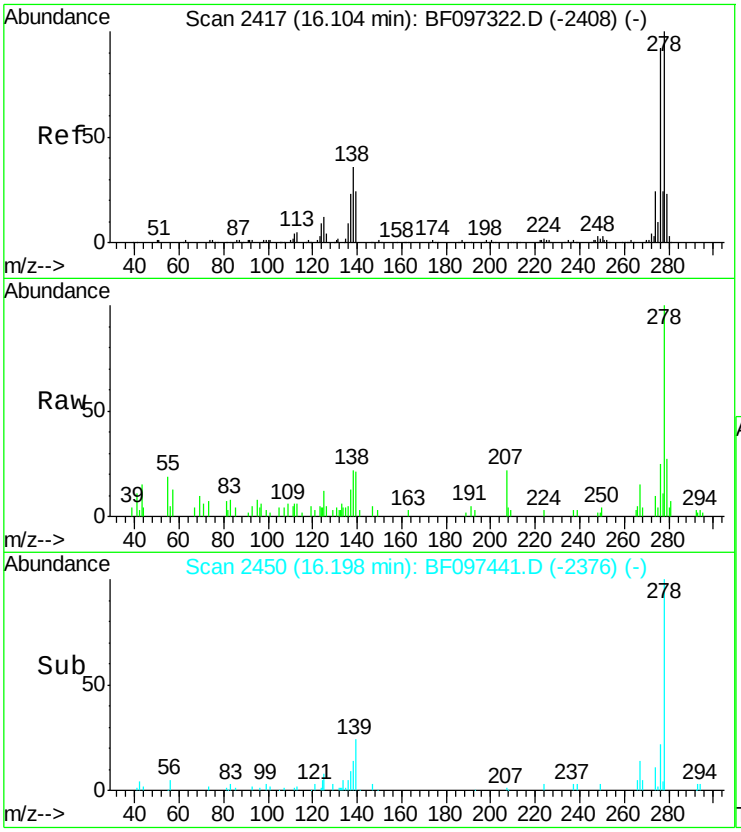


#89
Benzo(a)pyrene
Concen: 27.76 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:252 Resp: 232554

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	15.6	11.0	16.4



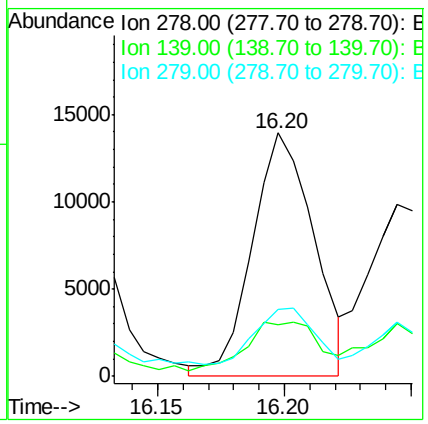


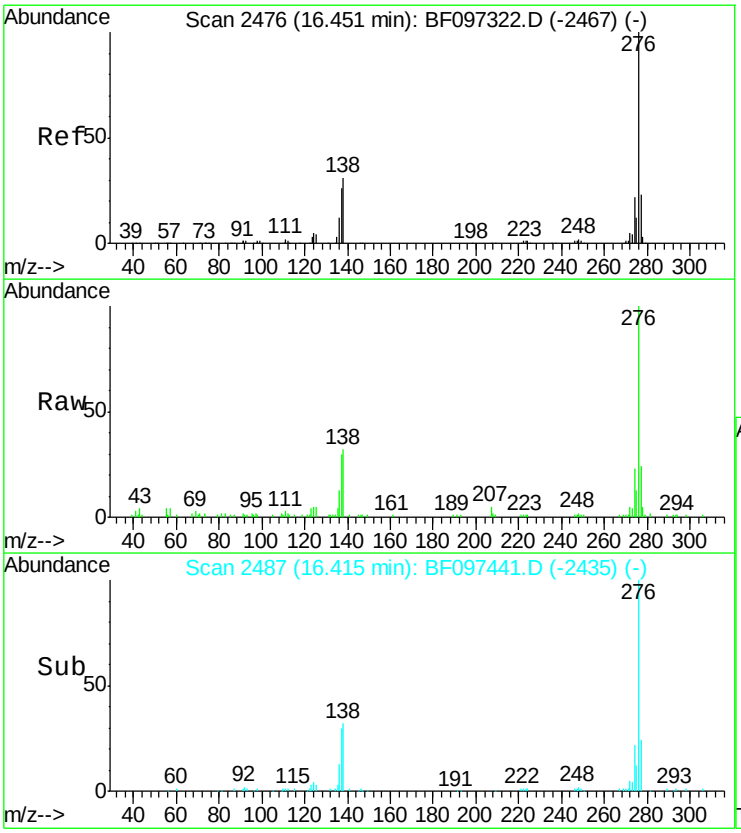
#90
Dibenzo(a,h)anthracene
Concen: 3.44 ng
RT: 16.20 min Scan# 2450
Delta R.T. 0.14 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-WS

Tgt Ion:278 Resp: 23644

Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	27.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 12.04 ng
RT: 16.42 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF097441.D
Acq: 7 Aug 2017 20:51

Tgt Ion:276 Resp: 86736

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	32.4	25.4	38.0