Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080317\
Data File : BF097349.D
Acq On : 4 Aug 2017 9:03
Operator : SJ/JU
Sample : I4560-09DL 50X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11948DL

Quant Time: Aug 04 11:37:53 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	101276	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	358588	20.00	ng		-0.06
38) Acenaphthene-d10	9.47	164	138152	20.00	ng		-0.06
63) Phenanthrene-d10	10.94	188	205410	20.00	ng		-0.06
75) Chrysene-d12	13.57	240	159518	20.00	ng		-0.06
86) Perylene-d12	14.91	264	112648	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	12093	1.80	ng		-0.02
7) Phenol-d6	6.15	99	18764	2.45	ng		-0.02
23) Nitrobenzene-d5	7.03	82	6711	1.10	ng		-0.05
41) 2,4,6-Tribromophenol	10.26	330	1891	1.73	ng		-0.06
44) 2-Fluorobiphenyl	8.80	172	16558	2.03	ng		-0.06
78) Terphenyl-d14	12.52	244	11889	1.52	ng		-0.06
Target Compounds							Qvalue
31) Naphthalene	7.75	128	84307	4.988	ng		99
50) 2,6-Dinitrotoluene	9.47	165	17595	7.908	ng	#	33
51) Acenaphthene	9.50	154	61419	7.823	ng		96
54) Dibenzofuran	9.67	168	44329	4.239	ng		99
55) 4-Nitrophenol	9.67	139	16097	9.801	ng	#	27
56) 2,4-Dinitrotoluene	9.47	165	17595	6.879	ng	#	32
57) Fluorene	10.02	166	53937	6.862	ng		98
70) Phenanthrene	10.97	178	380865	34.605	ng		98
71) Anthracene	11.02	178	144966	12.860	ng		96
72) Carbazole	11.18	167	60568	5.463	ng		98
74) Fluoranthene	12.15	202	366674	34.008	ng		98
77) Pyrene	12.37	202	297706	22.797	ng		100
80) Benzo(a)anthracene	13.56	228	138937	13.461	ng		99
82) Chrysene	13.59	228	108581	10.773	ng		96
85) Indeno(1,2,3-cd)pyrene	16.11	276	35355	4.091	ng		96
87) Benzo(b)fluoranthene	14.56	252	139346	20.578	ng	#	97
88) Benzo(k)fluoranthene	14.56	252	139346	21.595	ng		98
89) Benzo(a)pyrene	14.86	252	74920	12.089	ng	#	96
91) Benzo(g,h,i)perylene	16.47	276	31365	5.885	ng		98

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

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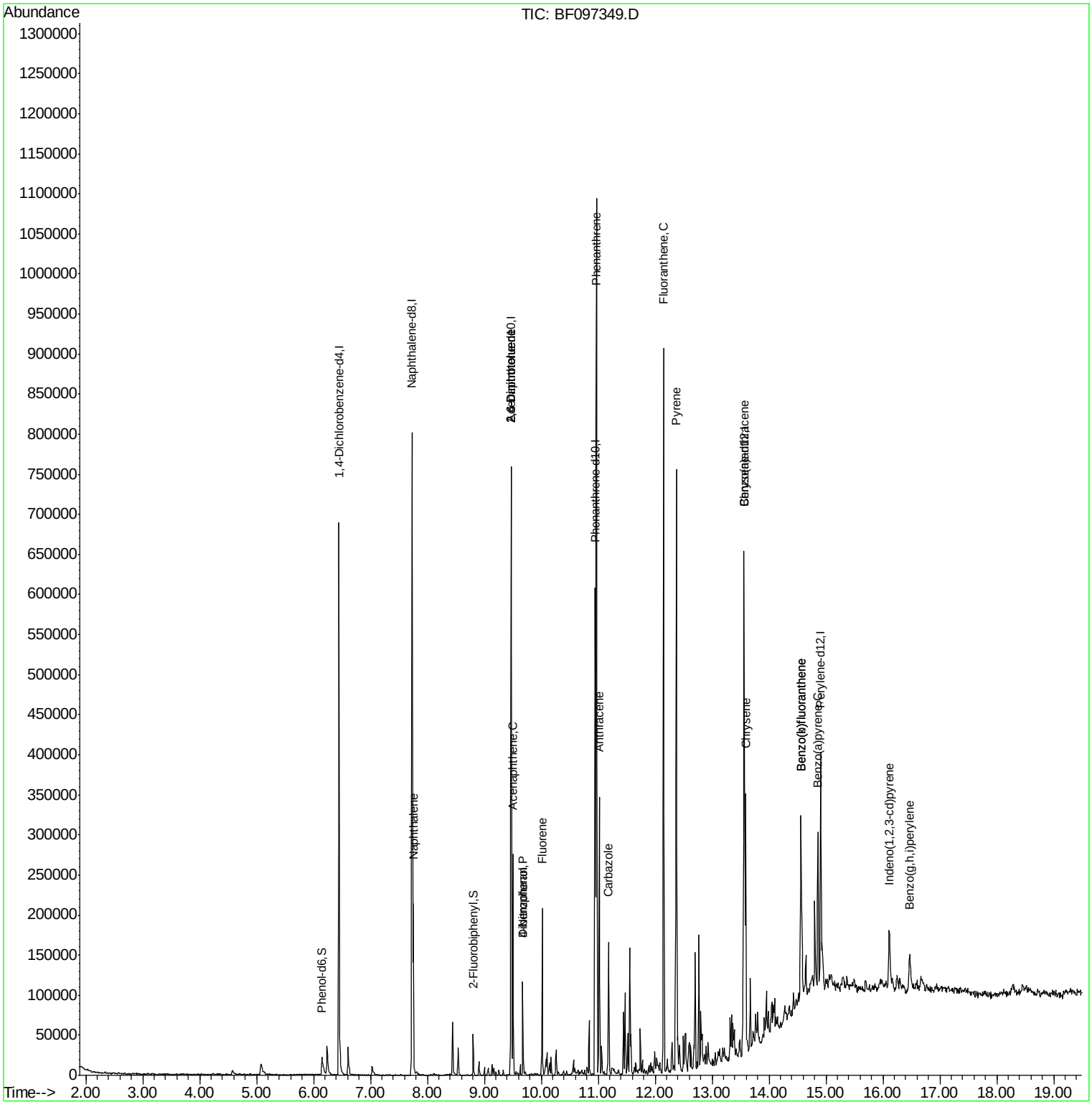
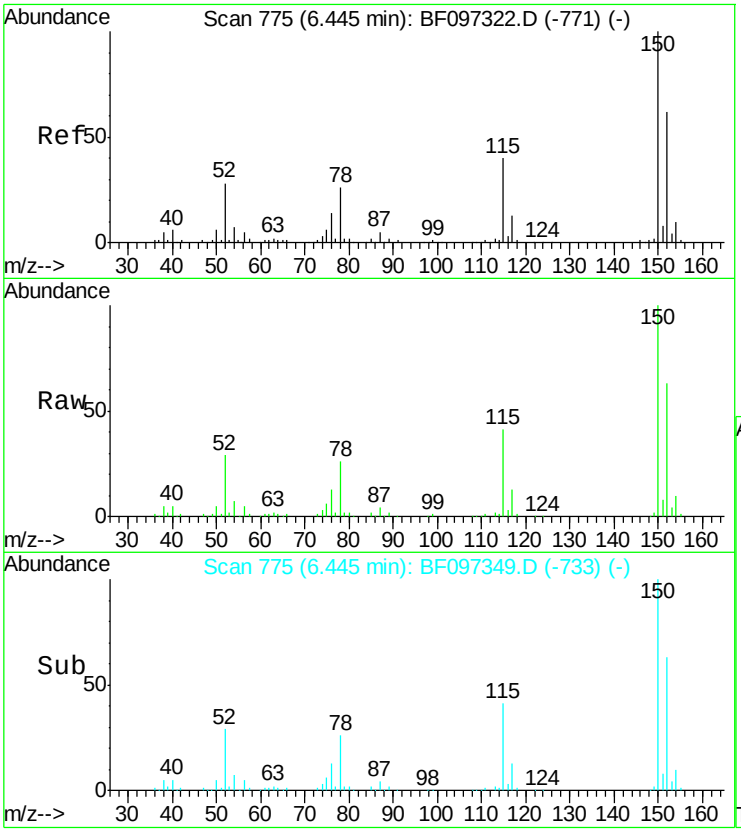


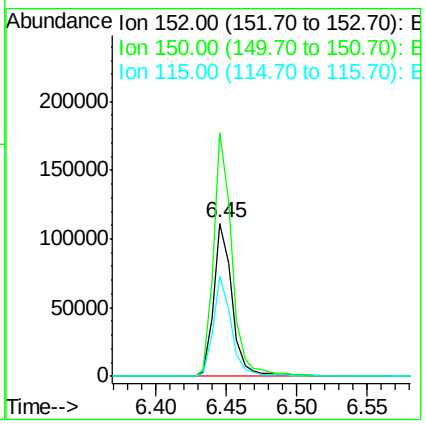


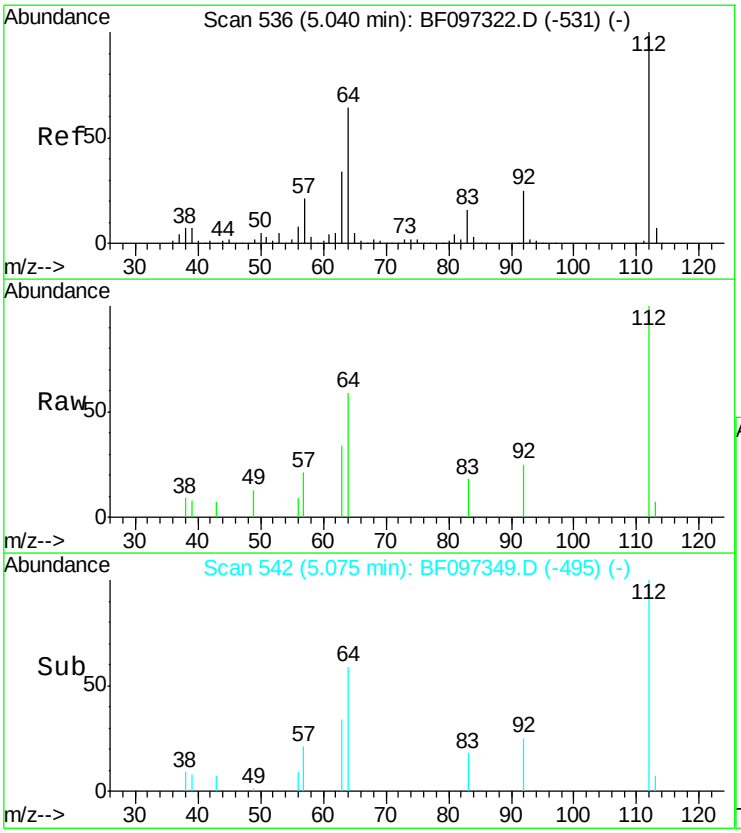
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:152 Resp: 101276

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	65.3	52.2	78.2

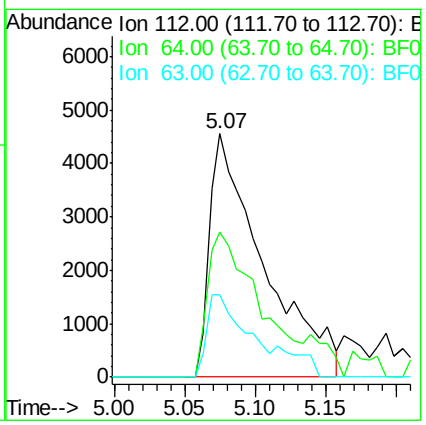


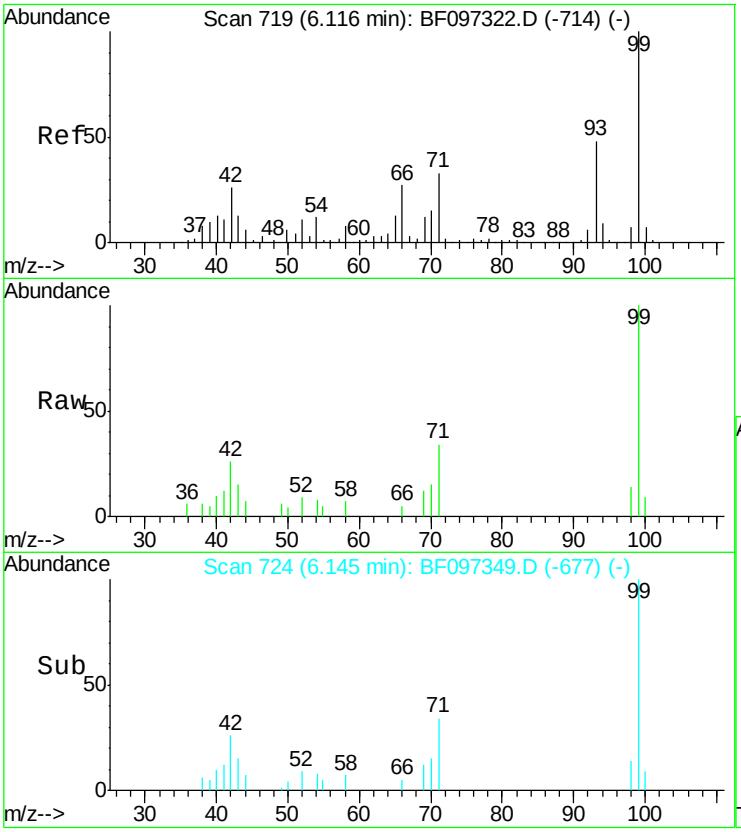


#5
2-Fluorophenol
Concen: 1.800 ng
RT: 5.07 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:112 Resp: 12093

Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.0	69.0
63	33.6	23.4	35.0



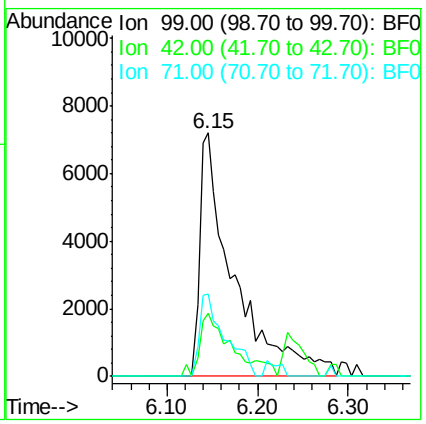


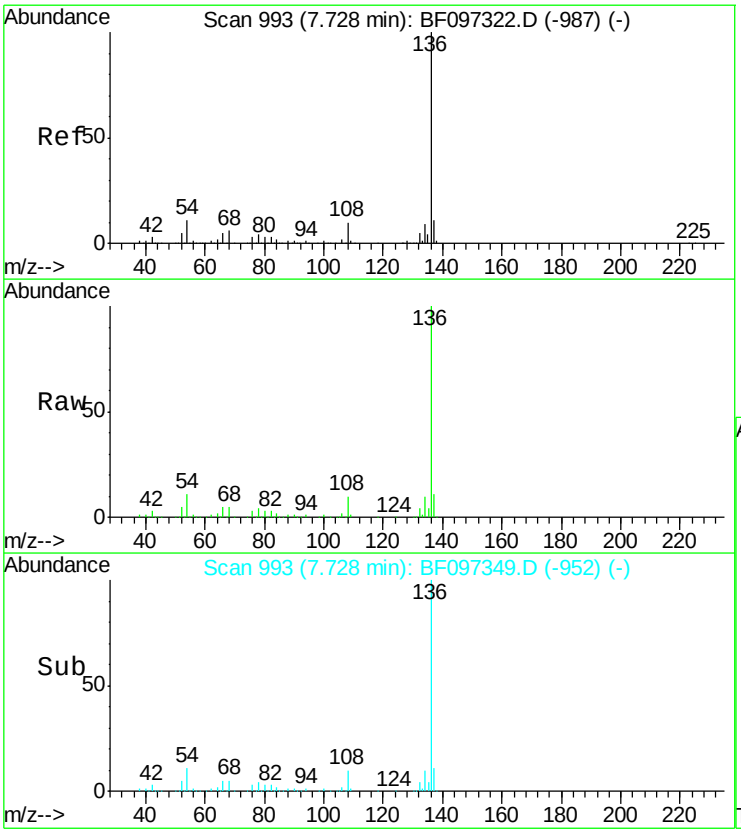
#7
Phenol-d6
Concen: 2.447 ng
RT: 6.15 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion: 99 Resp: 18764

Ion	Ratio	Lower	Upper
99	100		
42	25.7	13.5	20.3#
71	33.7	24.5	36.7

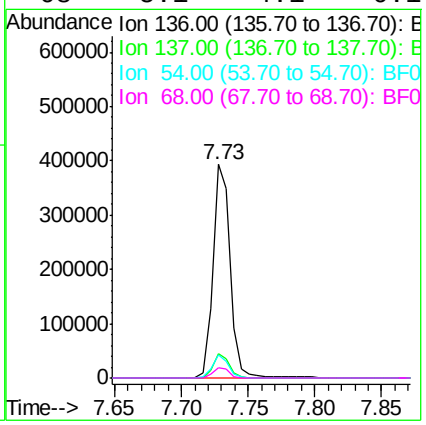


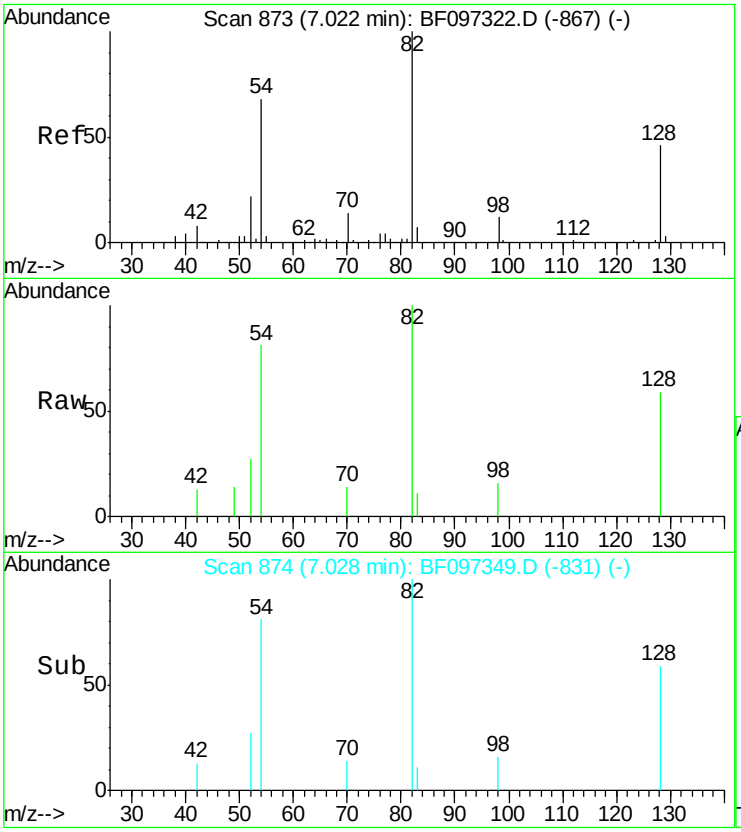


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:136 Resp: 358588

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	11.1	4.9	7.3#
68	5.1	4.1	6.1



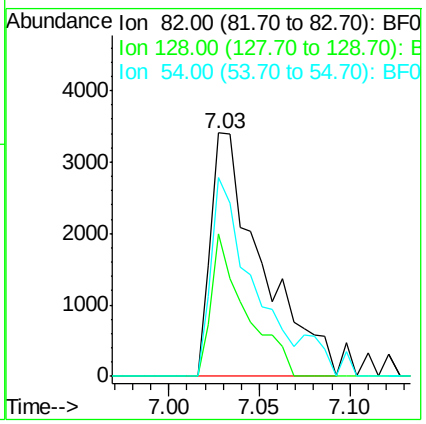


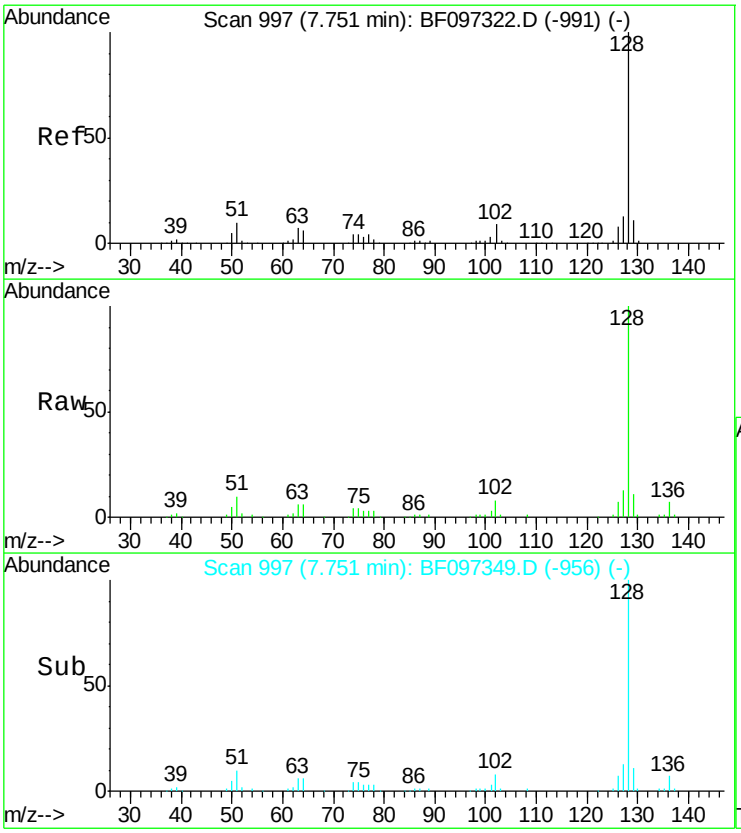
#23
Nitrobenzene-d5
Concen: 1.098 ng
RT: 7.03 min Scan# 874
Delta R.T. -0.05 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion: 82 Resp: 6711

Ion	Ratio	Lower	Upper
82	100		
128	58.7	34.0	51.0#
54	81.4	42.2	63.2#

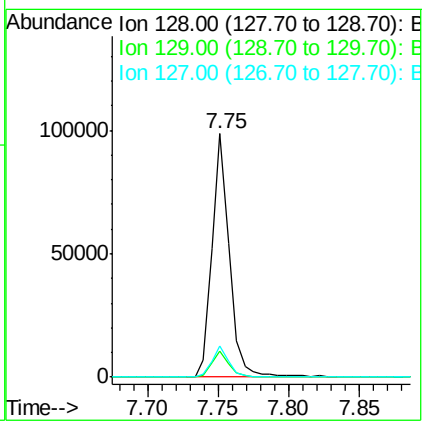


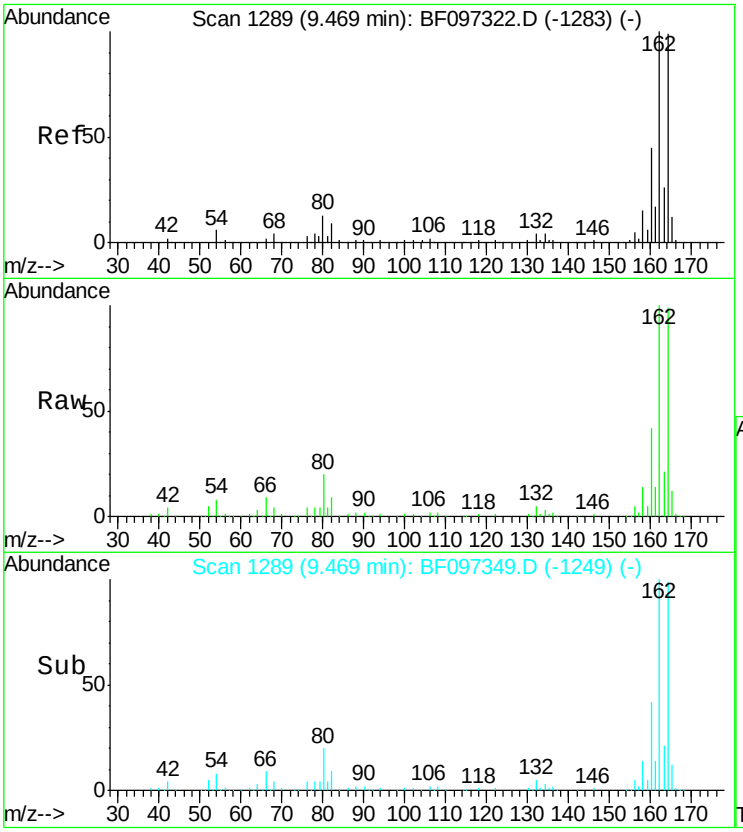


#31
Naphthalene
Concen: 4.988 ng
RT: 7.75 min Scan# 997
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:128 Resp: 84307

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.0	10.8	16.2



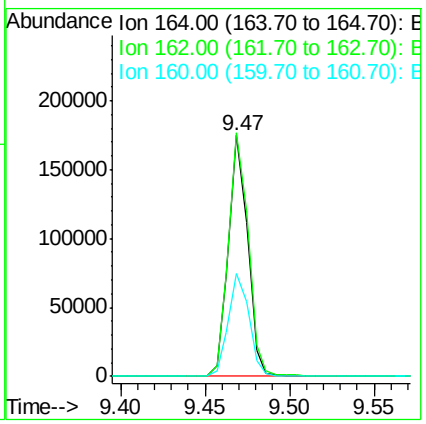


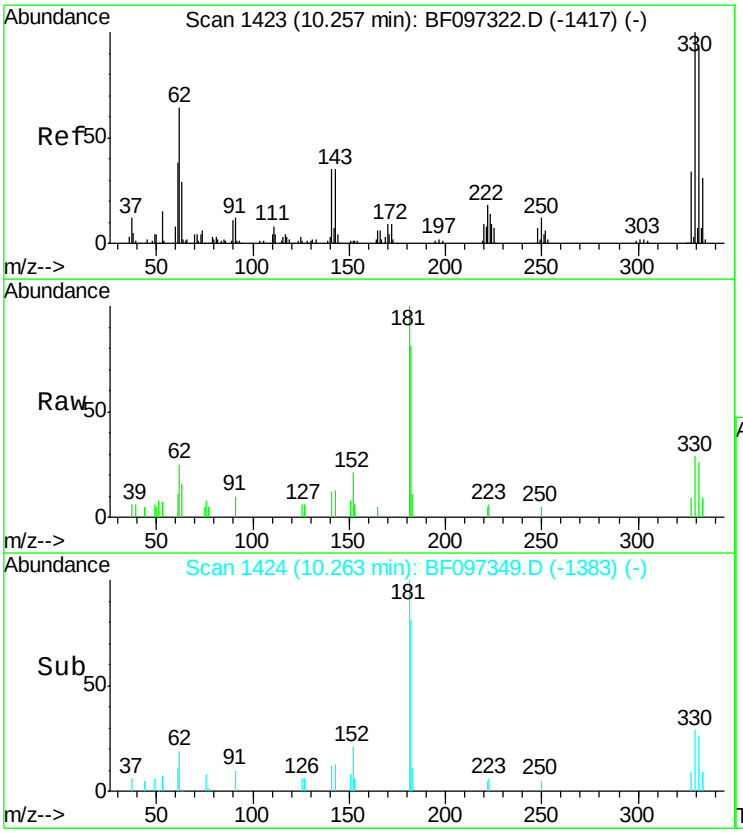
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:164 Resp: 138152

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	42.8	36.2	54.2

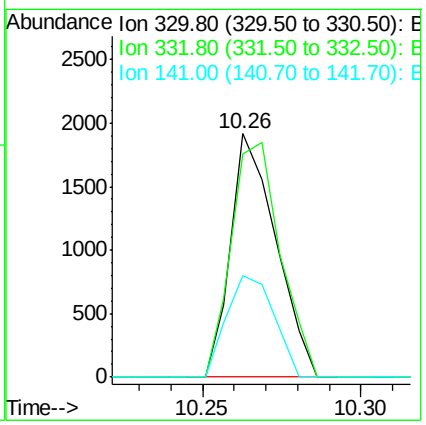


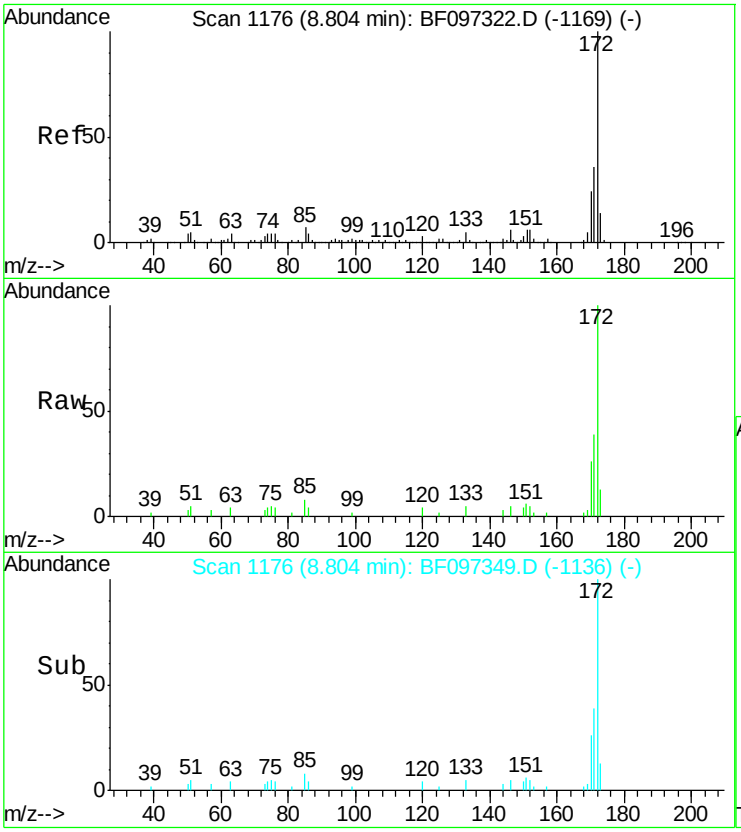


#41
2,4,6-Tribromophenol
Concen: 1.732 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:330 Resp: 1891

Ion	Ratio	Lower	Upper
330	100		
332	104.8	76.6	115.0
141	43.4	31.4	47.2



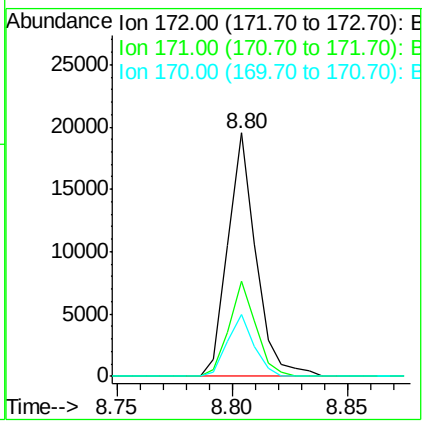


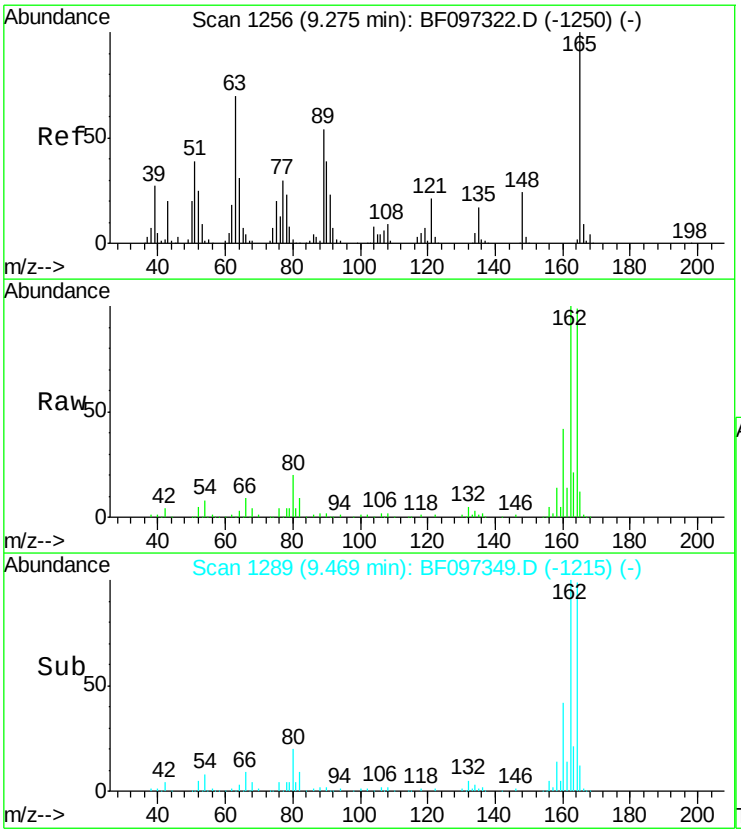
#44
2-Fluorobiphenyl
Concen: 2.034 ng
RT: 8.80 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:172 Resp: 16558

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.6	44.4
170	25.5	19.8	29.8

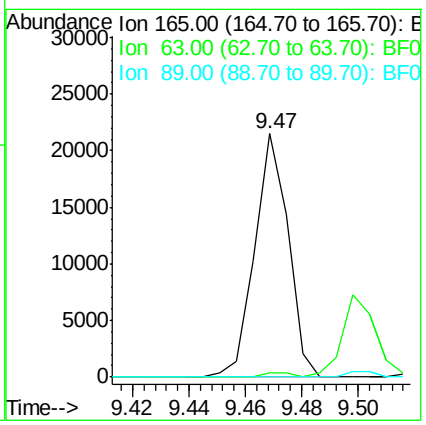


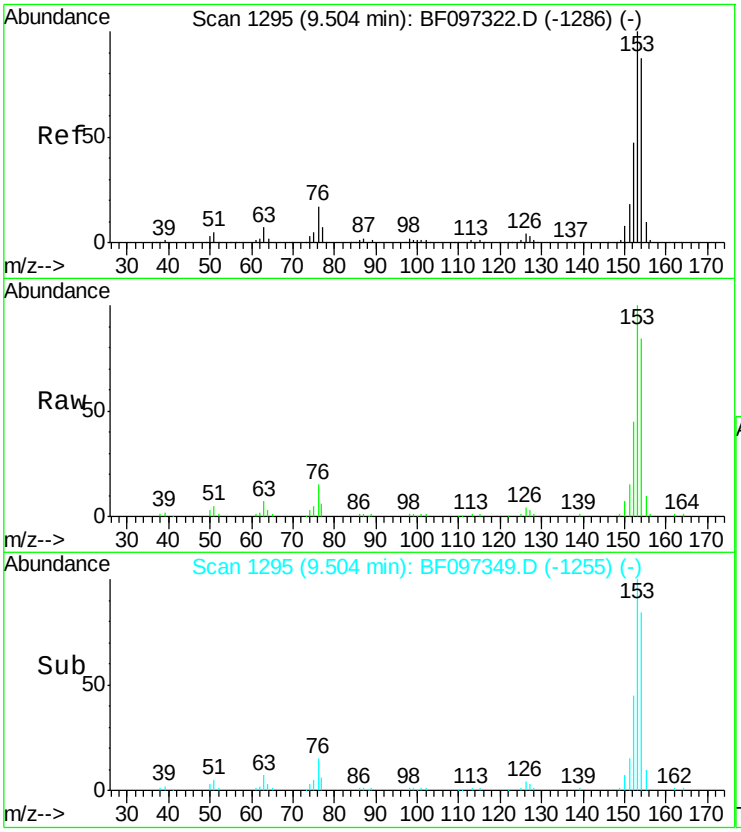


#50
2,6-Dinitrotoluene
Concen: 7.908 ng
RT: 9.47 min Scan# 1289
Delta R.T. 0.14 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:165 Resp: 17595

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	0.0	37.1	55.7#



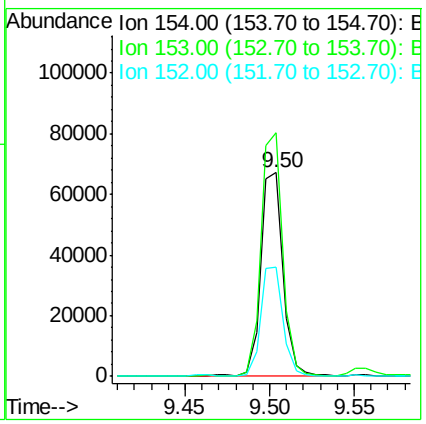


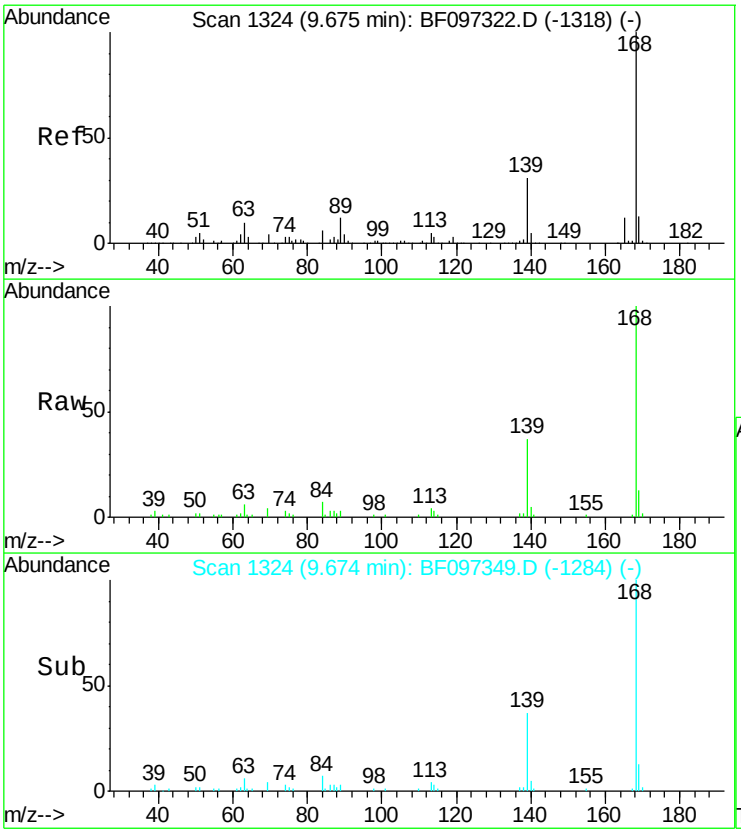
#51
Acenaphthene
Concen: 7.823 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:154 Resp: 61419

Ion	Ratio	Lower	Upper
154	100		
153	119.5	90.5	135.7
152	53.5	43.6	65.4

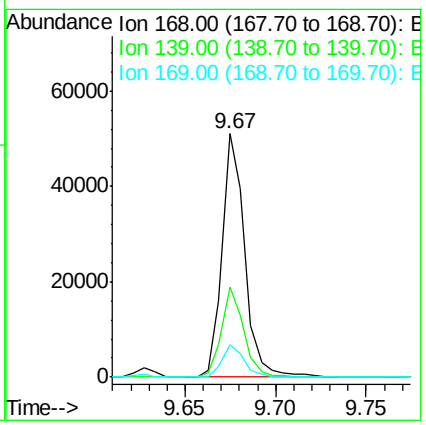


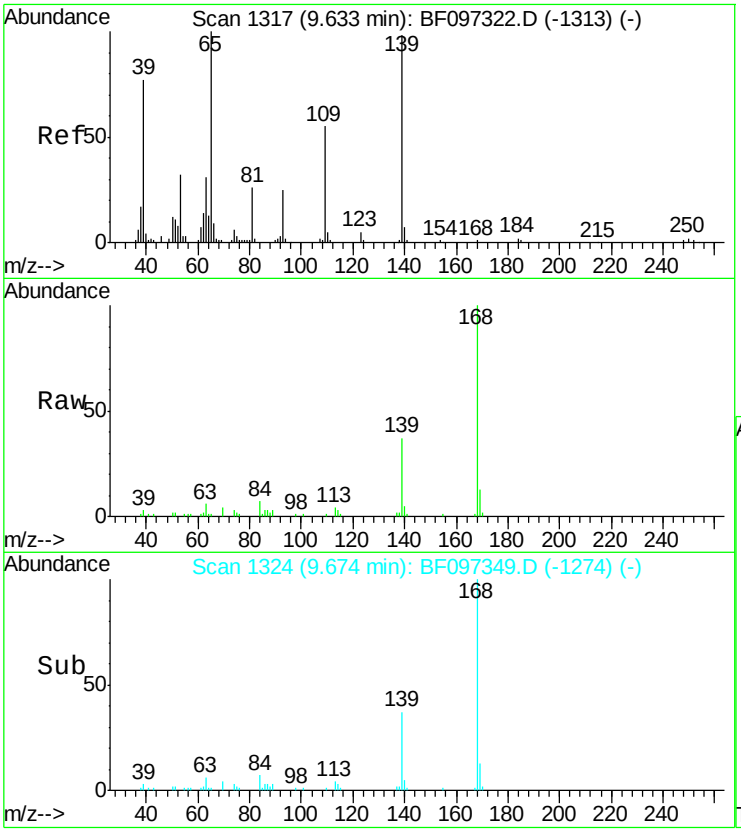


#54
Dibenzofuran
Concen: 4.239 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:168 Resp: 44329

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.6	45.8
169	13.3	10.8	16.2



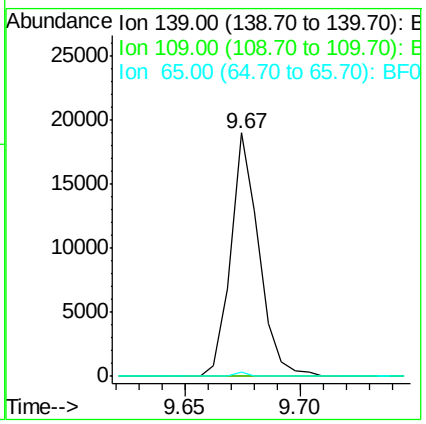


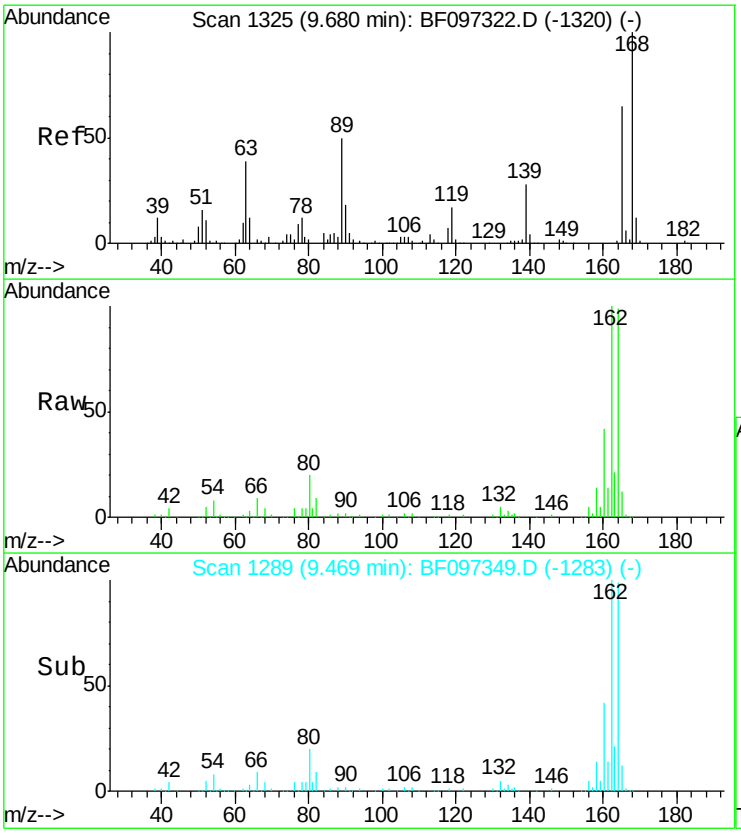
#55
4-Nitrophenol
Concen: 9.801 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:139 Resp: 16097

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	1.9	31.4	71.4#

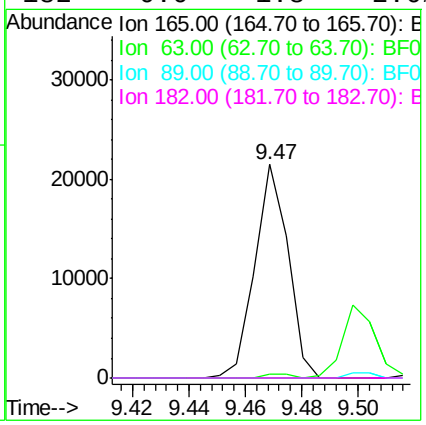


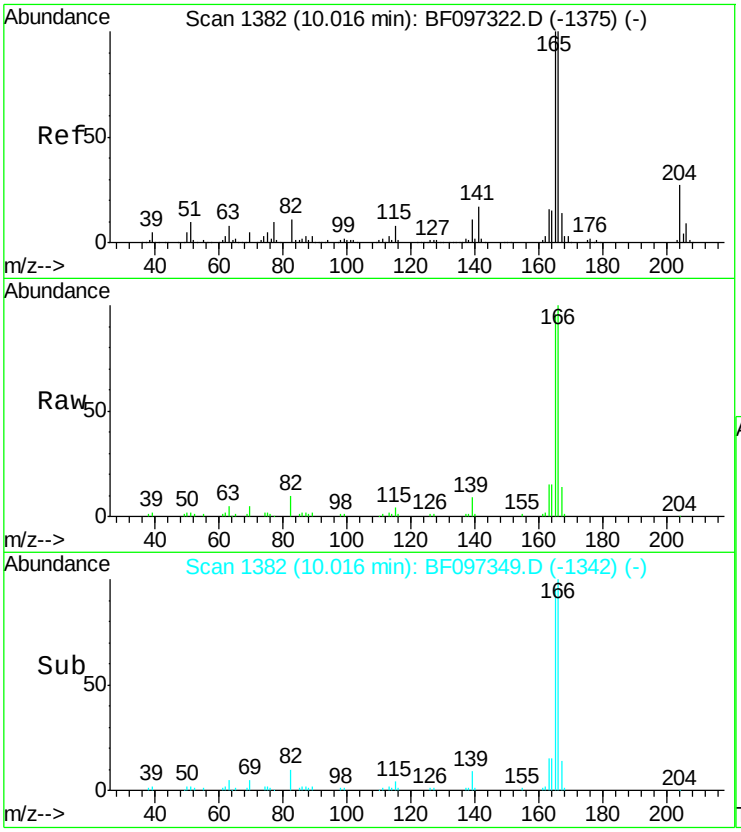


#56
2,4-Dinitrotoluene
Concen: 6.879 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.26 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:165 Resp: 17595

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



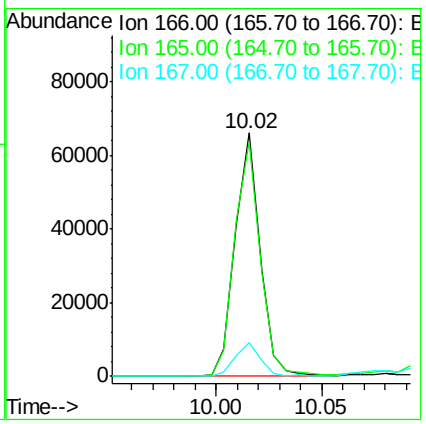


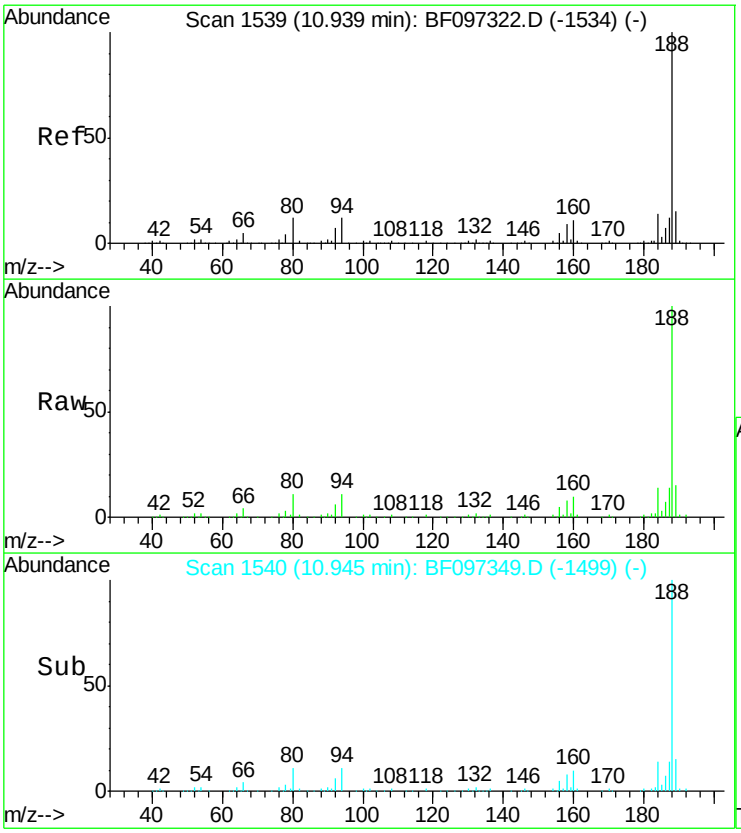
#57
Fluorene
Concen: 6.862 ng
RT: 10.02 min Scan# 1382
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:166 Resp: 53937

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.8	118.2
167	13.8	10.6	16.0

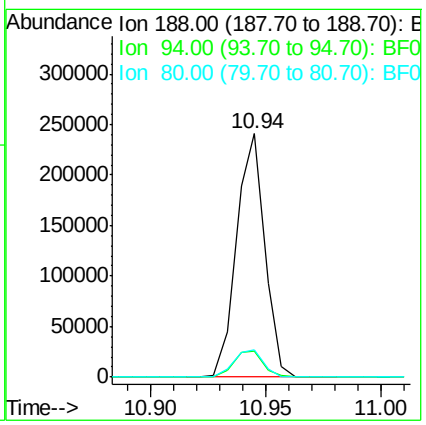


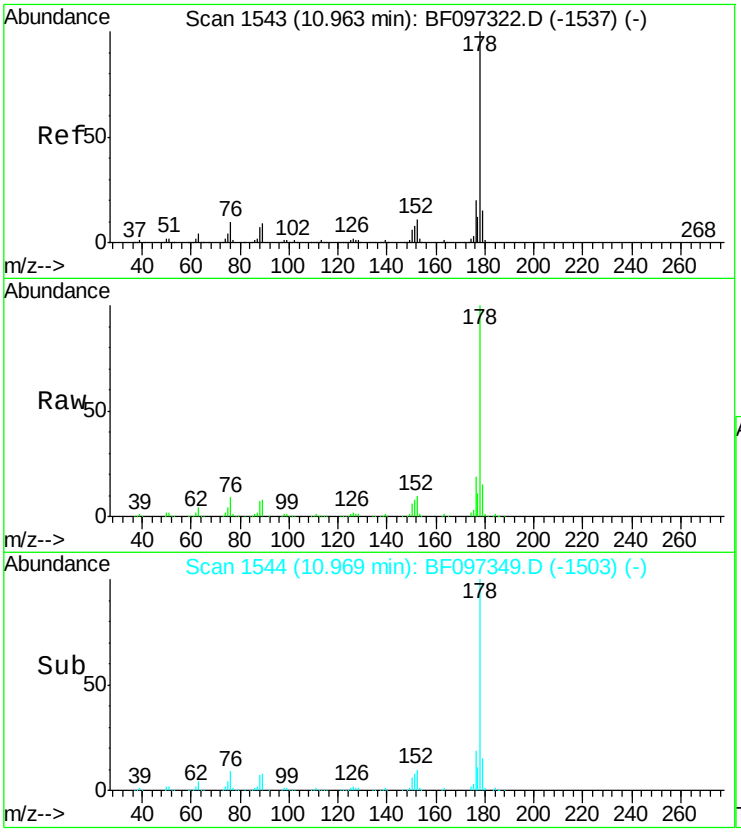


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1540
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:188 Resp: 205410

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.2	10.2	15.2



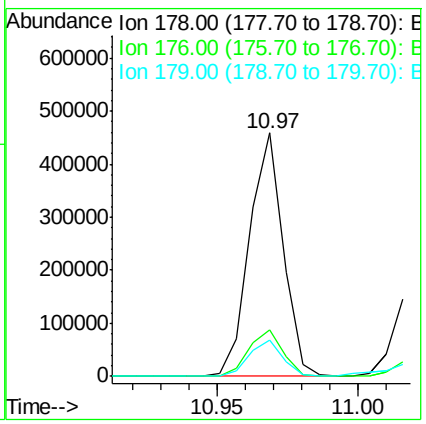


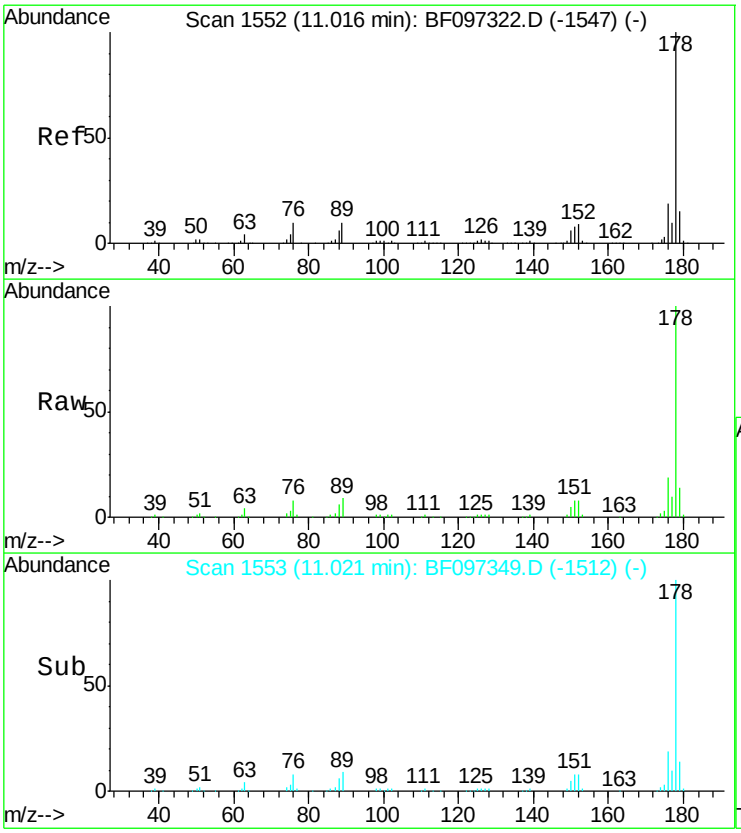
#70
Phenanthrene
Concen: 34.605 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:178 Resp: 380865

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.0	12.6	19.0

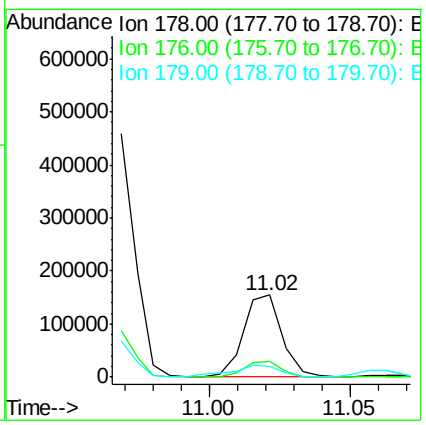


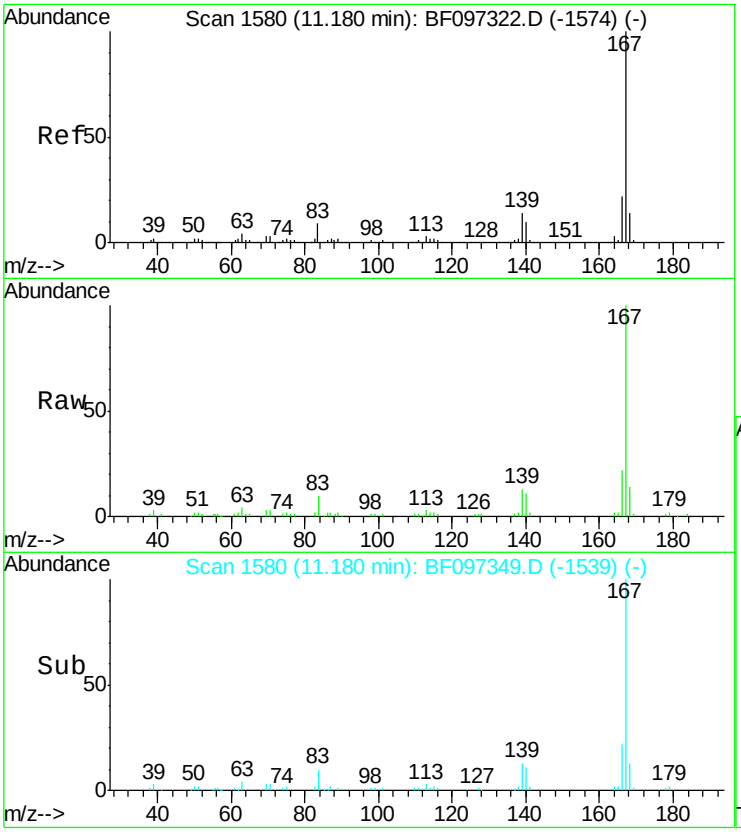


#71
Anthracene
Concen: 12.860 ng
RT: 11.02 min Scan# 1553
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:178 Resp: 144966

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	13.6	12.7	19.1



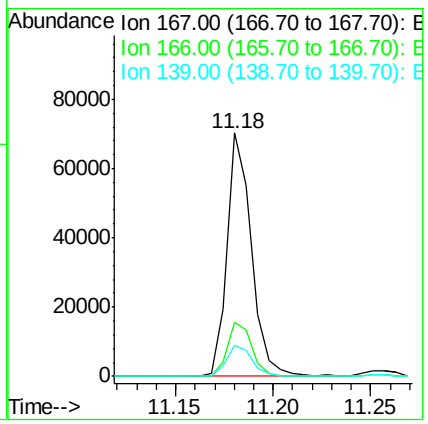


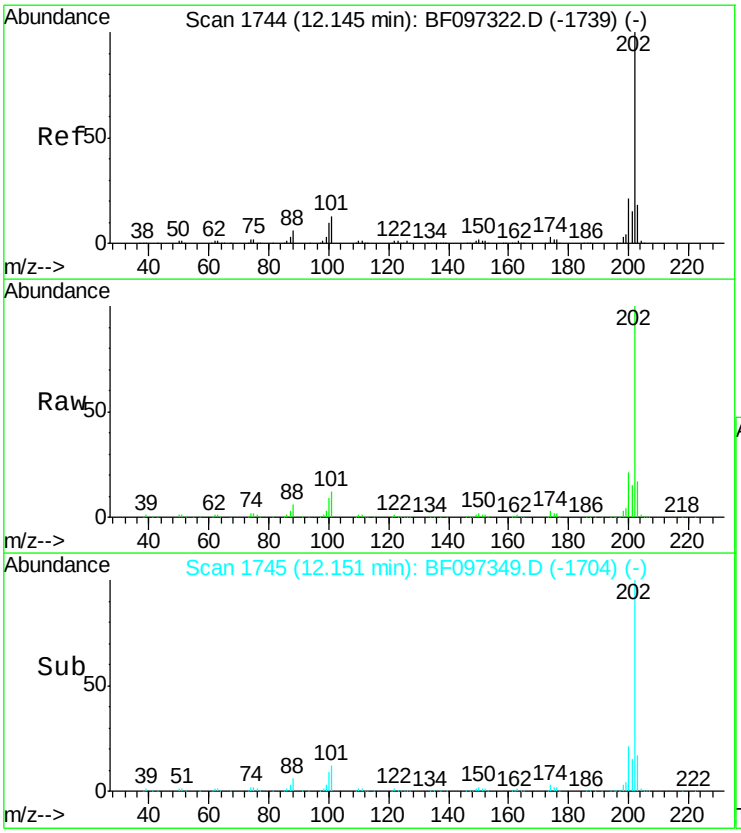
#72
Carbazole
Concen: 5.463 ng
RT: 11.18 min Scan# 1580
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:167 Resp: 60568

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	12.9	11.7	17.5

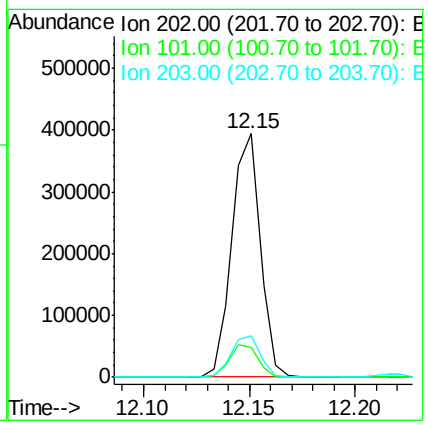


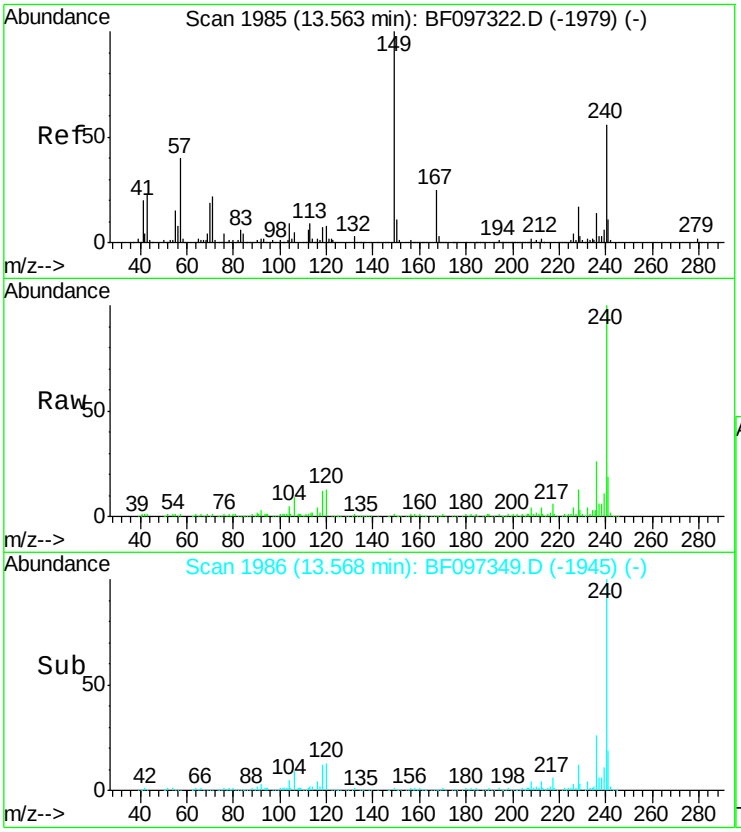


#74
Fluoranthene
Concen: 34.008 ng
RT: 12.15 min Scan# 1745
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:202 Resp: 366674

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	17.2	0.0	38.1



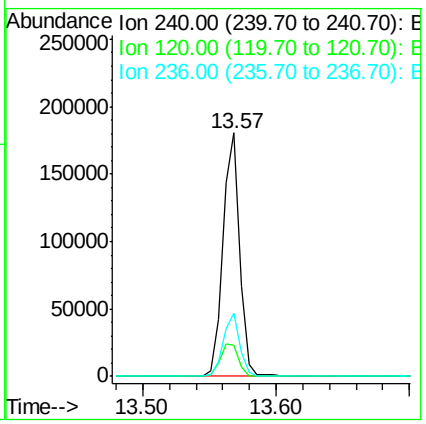


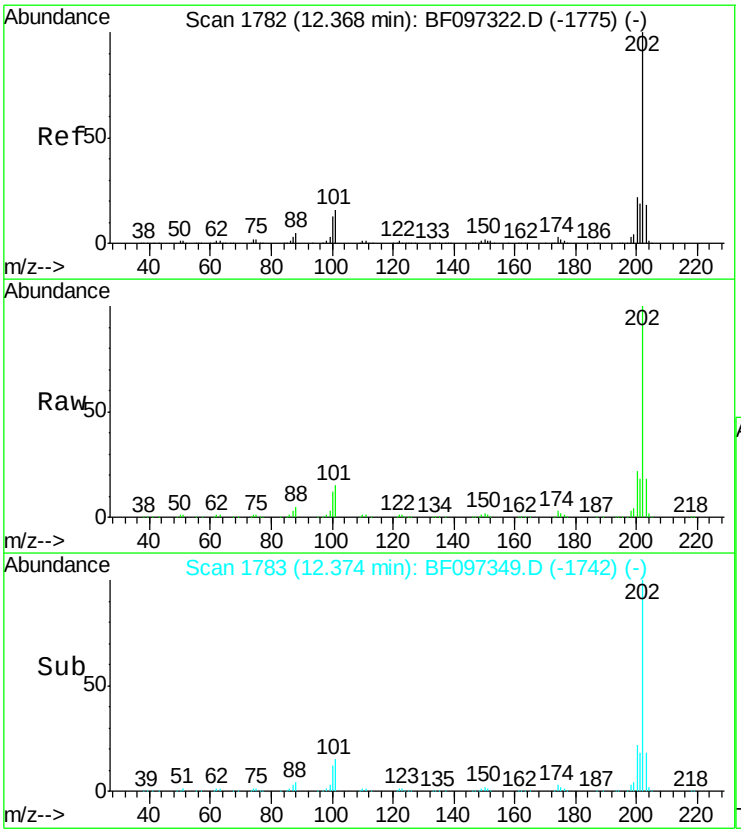
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:240 Resp: 159518

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	25.9	20.5	30.7

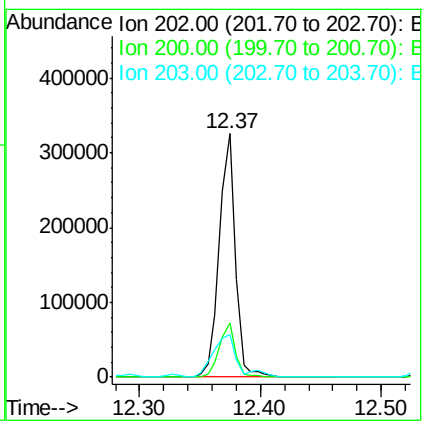


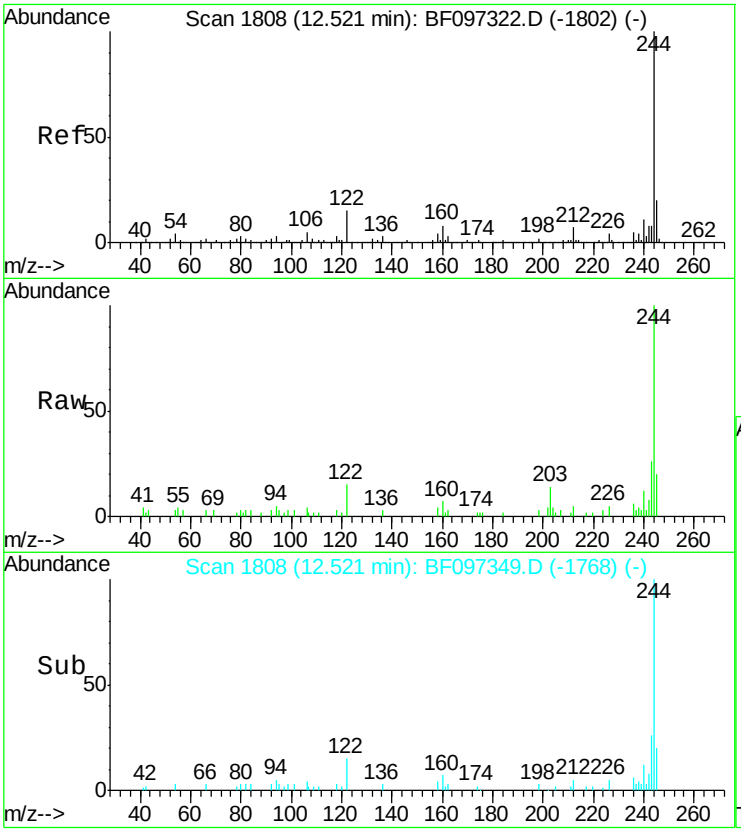


#77
Pyrene
Concen: 22.797 ng
RT: 12.37 min Scan# 1783
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:202 Resp: 297706

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.4	21.6



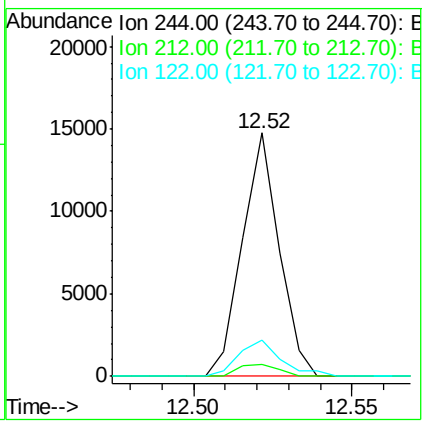


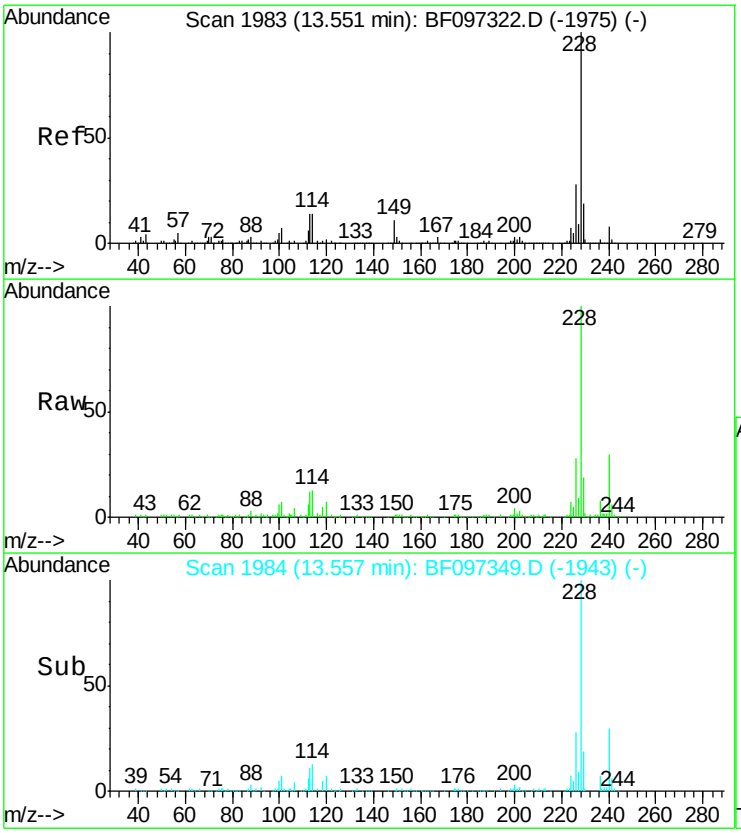
#78
Terphenyl-d14
Concen: 1.520 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:244 Resp: 11889

Ion	Ratio	Lower	Upper
244	100		
212	5.0	6.0	9.0#
122	15.1	10.3	15.5

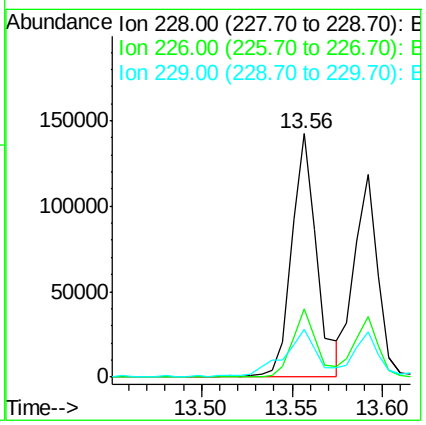


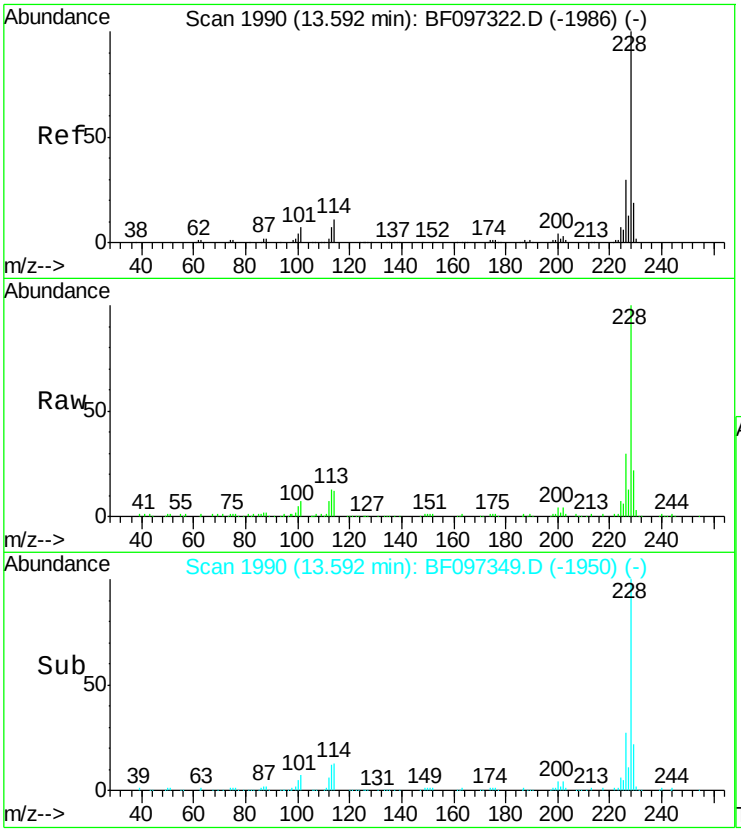


#80
Benzo(a)anthracene
Concen: 13.461 ng
RT: 13.56 min Scan# 1984
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:228 Resp: 138937

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.4	16.3	24.5



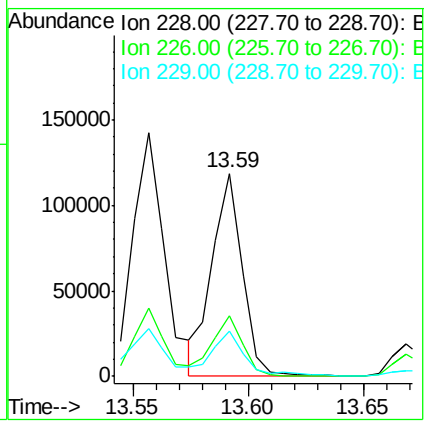


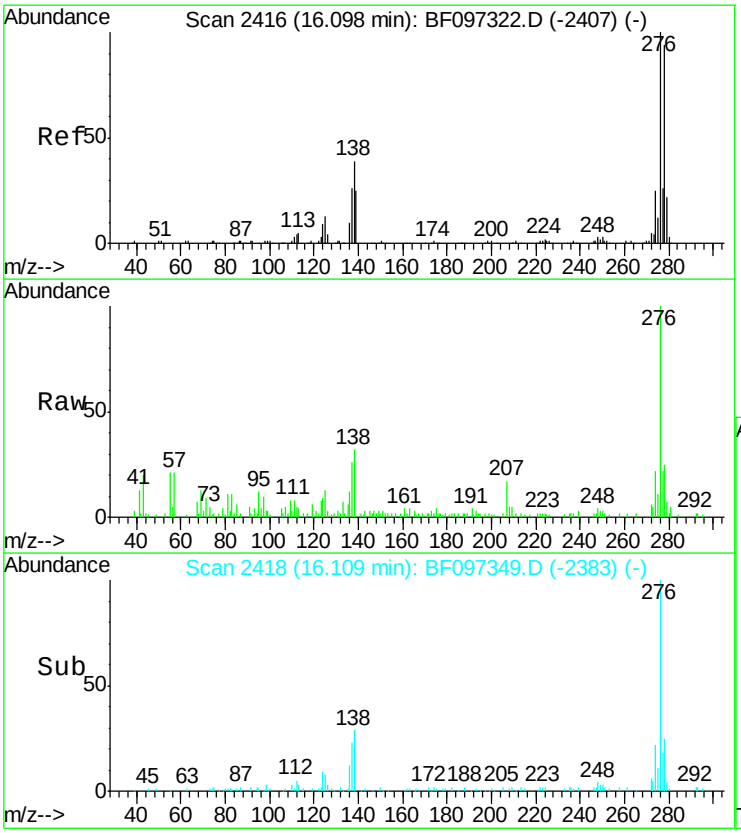
#82
Chrysene
Concen: 10.773 ng
RT: 13.59 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:228 Resp: 108581

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.2	15.8	23.6

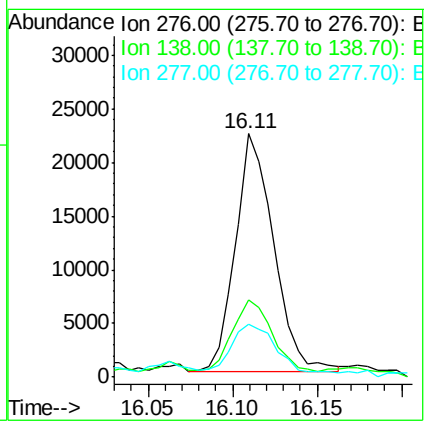


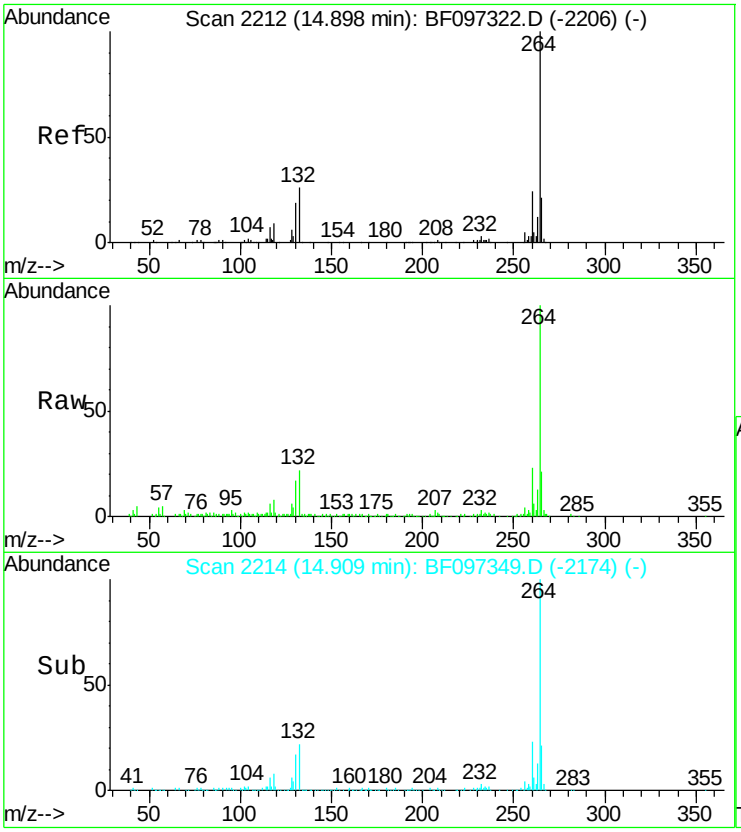


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.091 ng
RT: 16.11 min Scan# 2418
Delta R.T. -0.09 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:276 Resp: 35355

Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.8	41.6
277	28.3	20.2	30.4



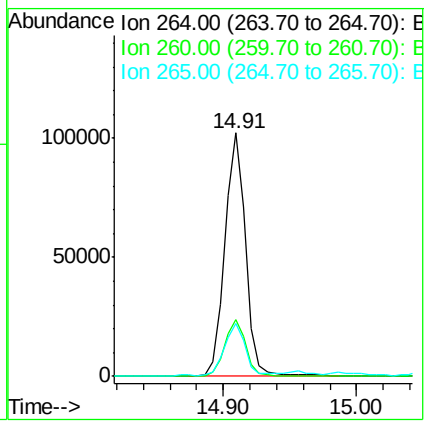


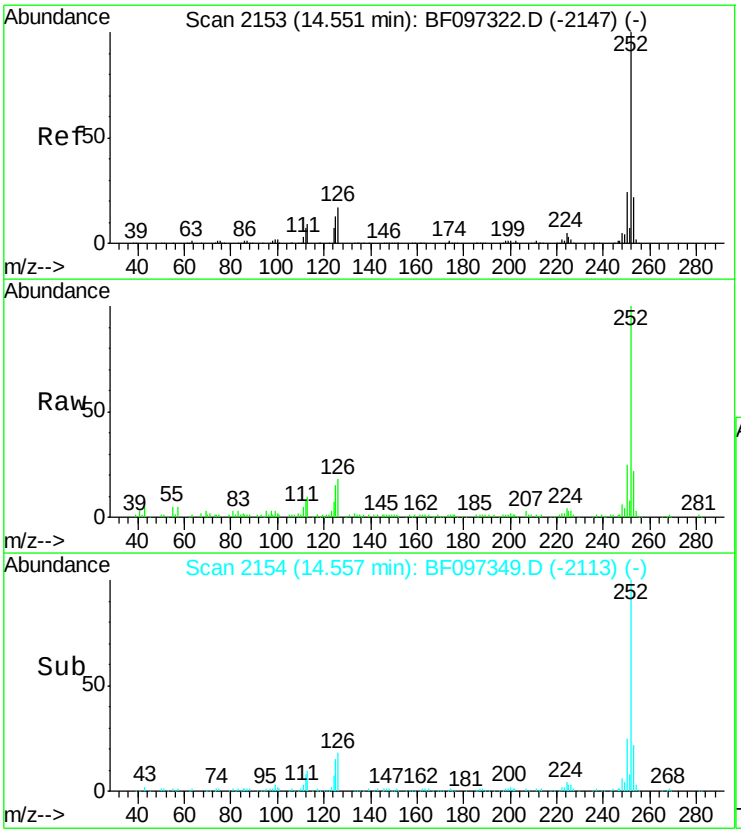
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:264 Resp: 112648

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8

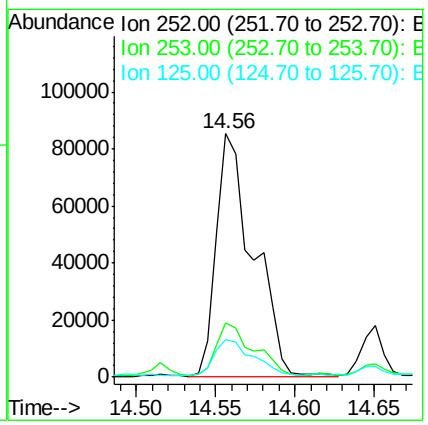


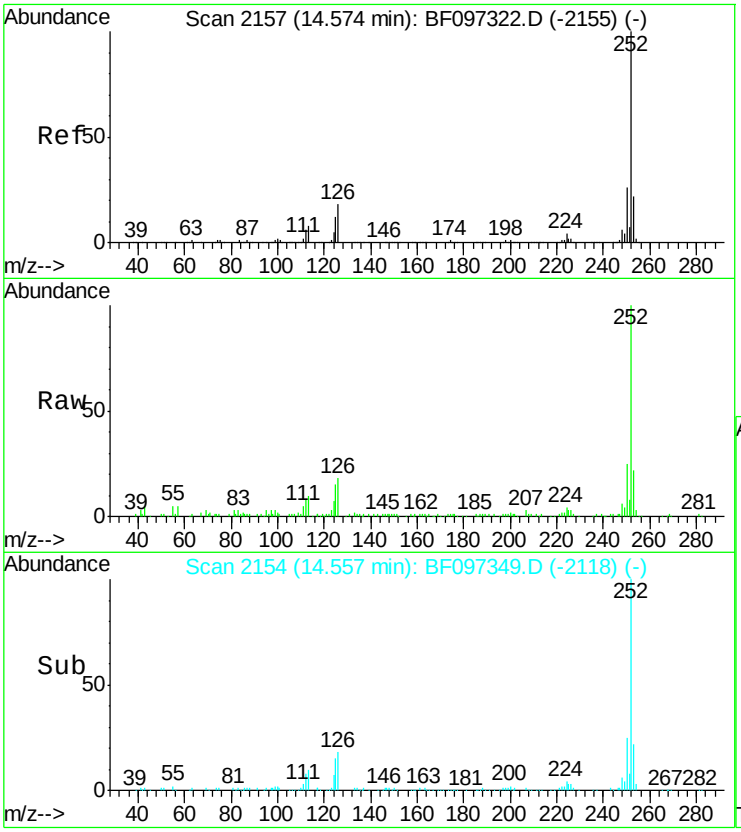


#87
Benzo(b)fluoranthene
Concen: 20.578 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:252 Resp: 139346

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	15.4	9.8	14.8#



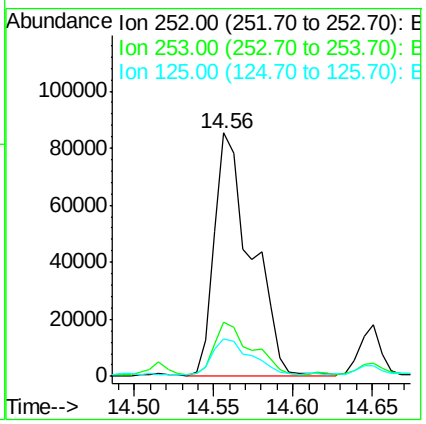


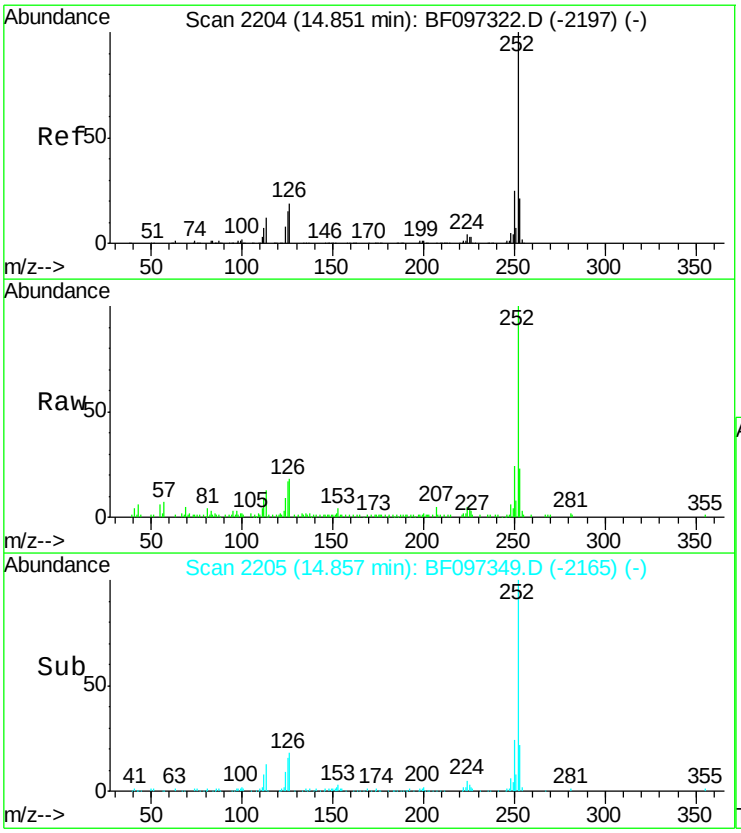
#88
Benzo(k)fluoranthene
Concen: 21.595 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.09 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:252 Resp: 139346

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	15.4	13.1	19.7

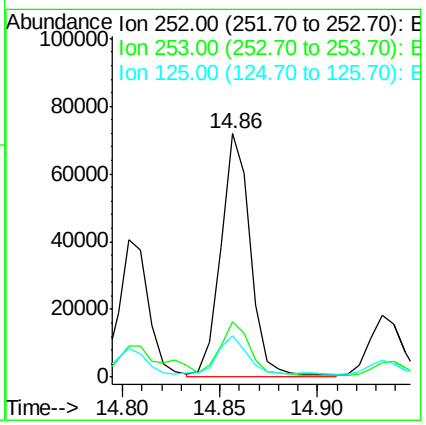


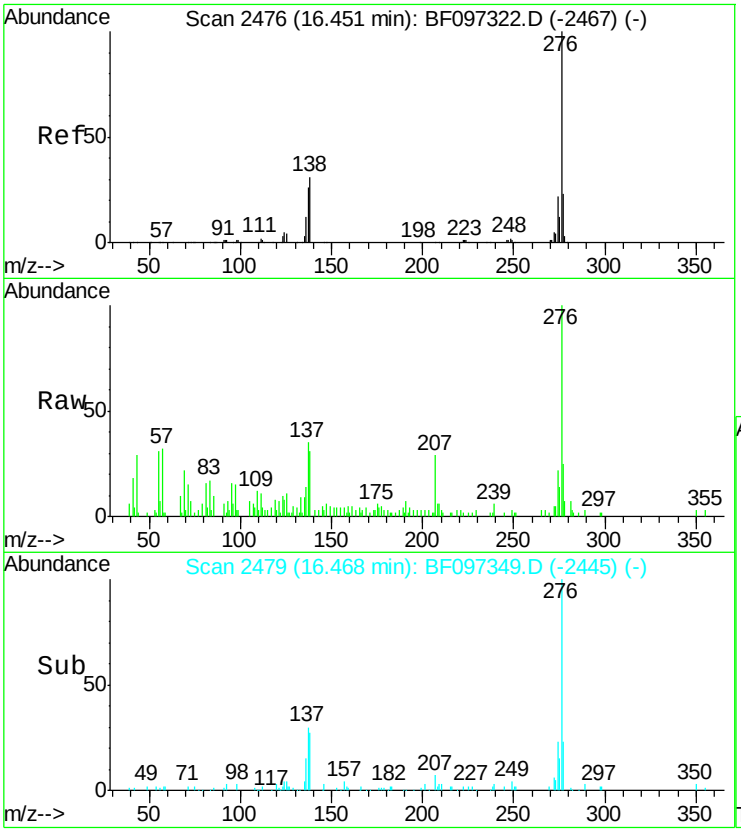


#89
Benzo(a)pyrene
Concen: 12.089 ng
RT: 14.86 min Scan# 2205
Delta R.T. -0.06 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Tgt Ion:252 Resp: 74920

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	16.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.885 ng
RT: 16.47 min Scan# 2479
Delta R.T. -0.10 min
Lab File: BF097349.D
Acq: 4 Aug 2017 9:03

Instrument :
BNA_F
ClientSampleId :
72-11948DL

Tgt Ion:276 Resp: 31365

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	30.6	25.4	38.0