Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

Quantitation Report (Not Reviewed)

Data File : BF096925.D
Acq On : 21 Jul 2017 00:21
Operator : SJ/JU
Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

Quant Time: Jul 21 03:30:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	96941	20.00	ng		-0.03
21) Naphthalene-d8	7.85	136	389119	20.00	ng		-0.04
38) Acenaphthene-d10	9.60	164	162802	20.00	ng		-0.04
63) Phenanthrene-d10	11.07	188	261044	20.00	ng		-0.03
75) Chrysene-d12	13.70	240	192084	20.00	ng		-0.03
86) Perylene-d12	15.07	264	183816	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	548389	85.06	ng		-0.03
7) Phenol-d6	6.22	99	656652	84.87	ng		-0.03
23) Nitrobenzene-d5	7.13	82	387897	61.75	ng		-0.04
41) 2,4,6-Tribromophenol	10.39	330	126849	91.28	ng		-0.04
44) 2-Fluorobiphenyl	8.93	172	707607	68.67	ng		-0.04
78) Terphenyl-d14	12.66	244	482776	43.59	ng		-0.04
Target Compounds							Qvalue
10) Phenol	6.23	94	26833	3.07	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	51476	11.04	ng	#	88
25) Isophorone	7.13	82	370411	31.70	ng	#	67
49) Dimethylphthalate	9.32	163	60916	4.97	ng		98
50) 2,6-Dinitrotoluene	9.60	165	21041	7.92	ng	#	34
51) Acenaphthene	9.63	154	27054	2.80	ng		97
55) 4-Nitrophenol	9.80	139	8026	3.49	ng	#	25
56) 2,4-Dinitrotoluene	9.60	165	21041	6.17	ng	#	34
57) Fluorene	10.14	166	43533	4.34	ng		99
66) 4-Bromophenyl-phenylether	10.38	248	8020	3.01	ng	#	1
70) Phenanthrene	11.10	178	404015	28.46	ng		99
71) Anthracene	11.15	178	119901	8.35	ng		96
72) Carbazole	11.30	167	31778	2.29	ng		96
74) Fluoranthene	12.28	202	553173	40.72	ng		98
77) Pyrene	12.51	202	477160	27.37	ng		98
80) Benzo(a)anthracene	13.69	228	204399	17.08	ng		97
82) Chrysene	13.73	228	181425	15.40	ng		98
85) Indeno(1,2,3-cd)pyrene	16.34	276	74175	9.82	ng		94
87) Benzo(b)fluoranthene	14.70	252	301077	27.16	ng	#	97
88) Benzo(k)fluoranthene	14.70	252	301077	28.68	ng		98
89) Benzo(a)pyrene	15.02	252	161139	15.85	ng		97
90) Dibenzo(a,h)anthracene	16.35	278	20749	2.22	ng	#	74
91) Benzo(g,h,i)perylene	16.73	276	70012	6.99	ng		93

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

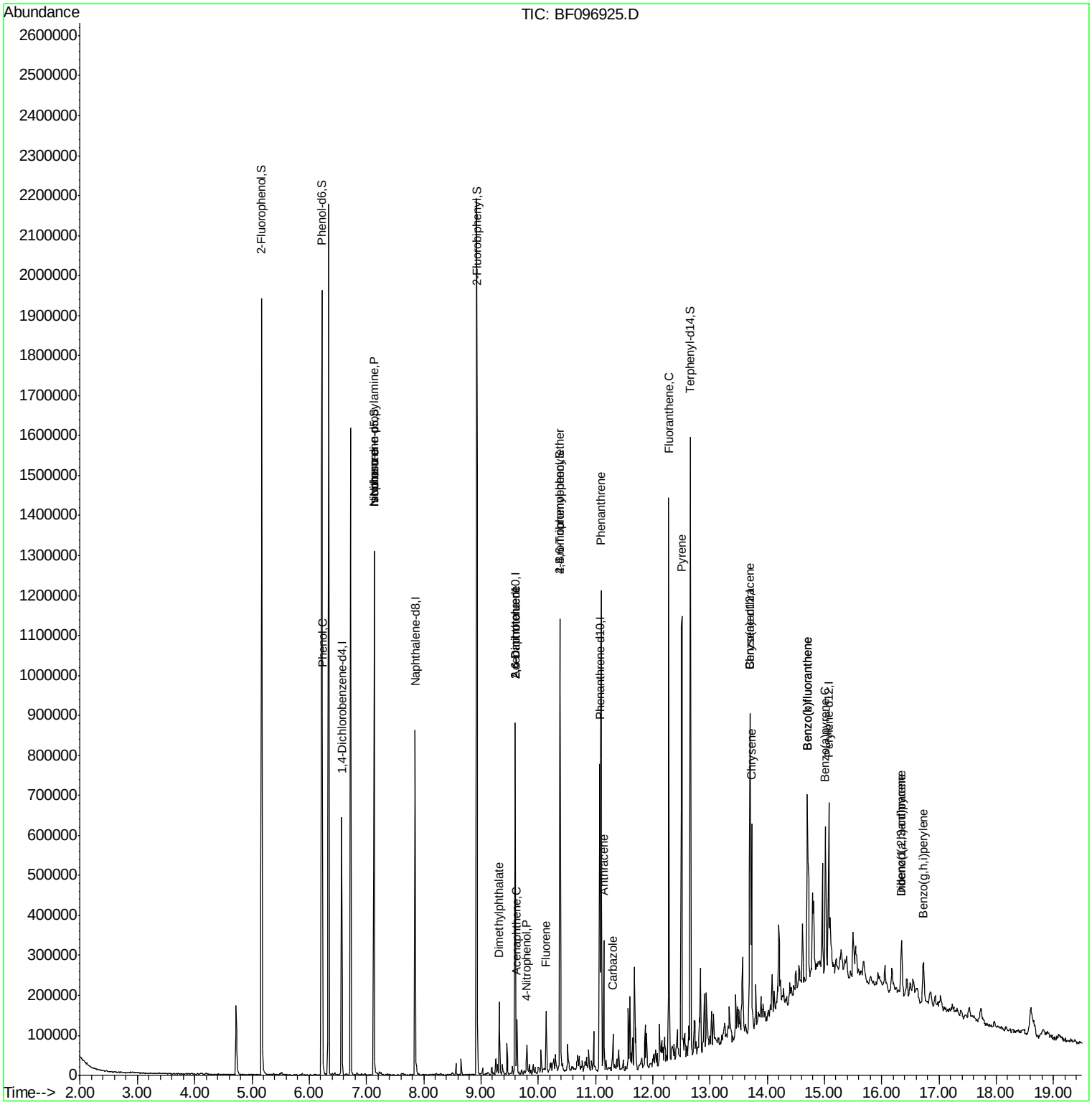
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\

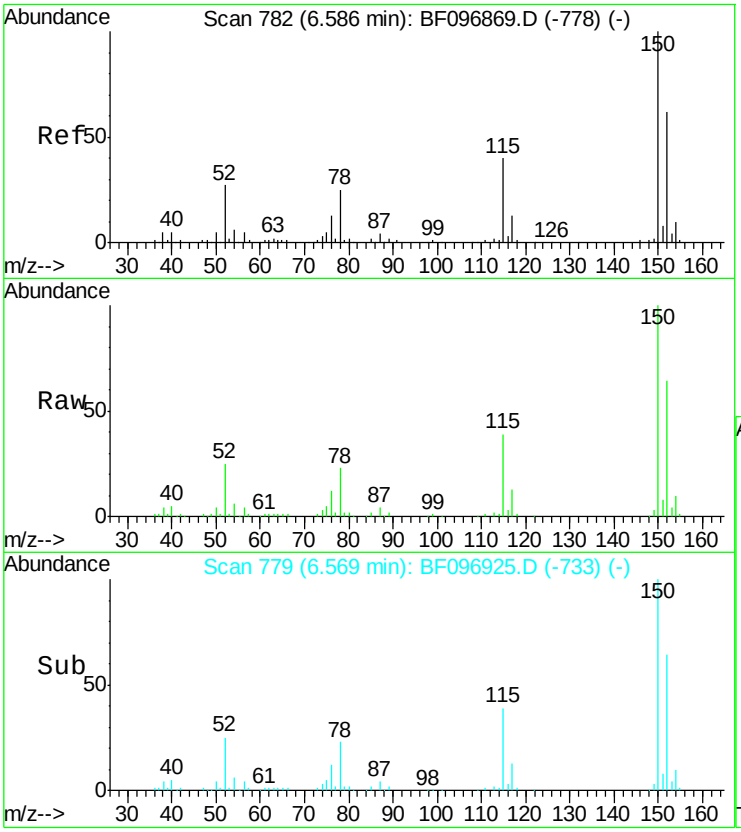
Quantitation Report (Not Reviewed)

Data File : BF096925.D
Acq On : 21 Jul 2017 00:21
Operator : SJ/JU
Sample : I4316-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-071917

Quant Time: Jul 21 03:30:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



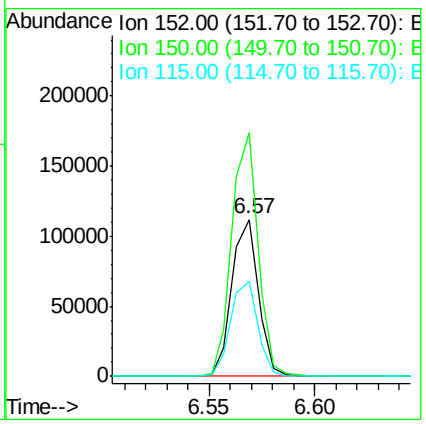


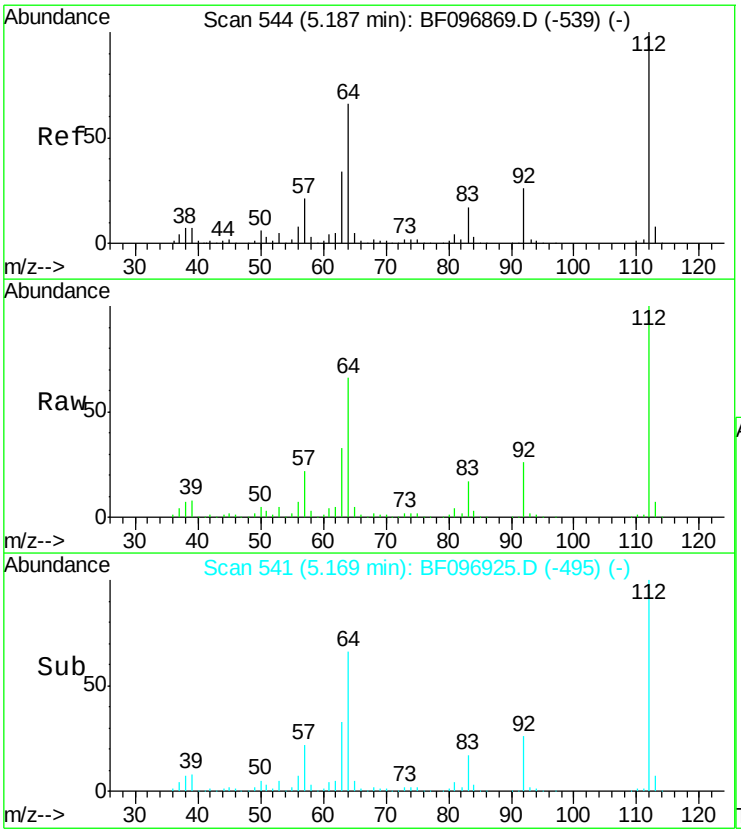
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:152 Resp: 96941

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	61.1	52.2	78.2

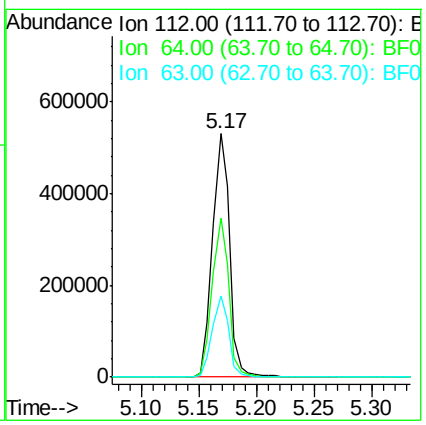


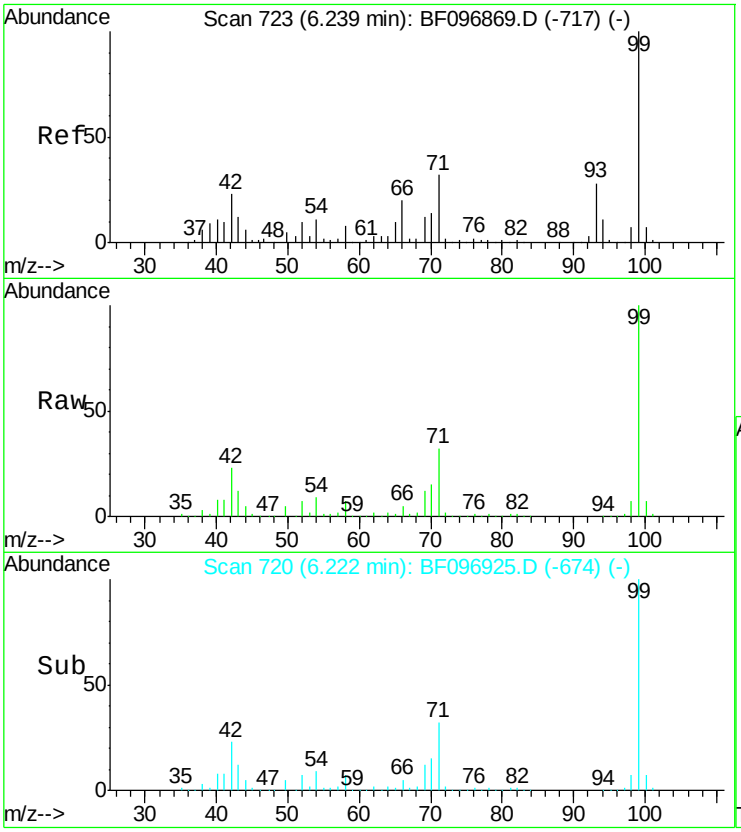


#5
2-Fluorophenol
Concen: 85.06 ng
RT: 5.17 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:112 Resp: 548389

Ion	Ratio	Lower	Upper
112	100		
64	65.6	46.0	69.0
63	33.3	23.4	35.0



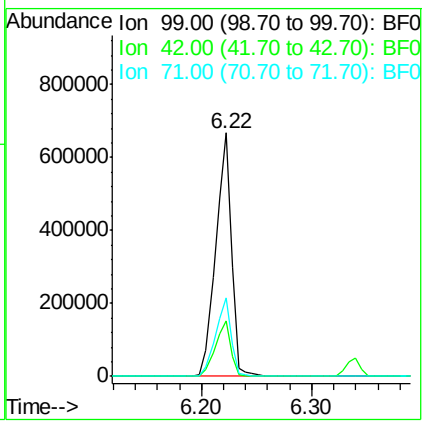


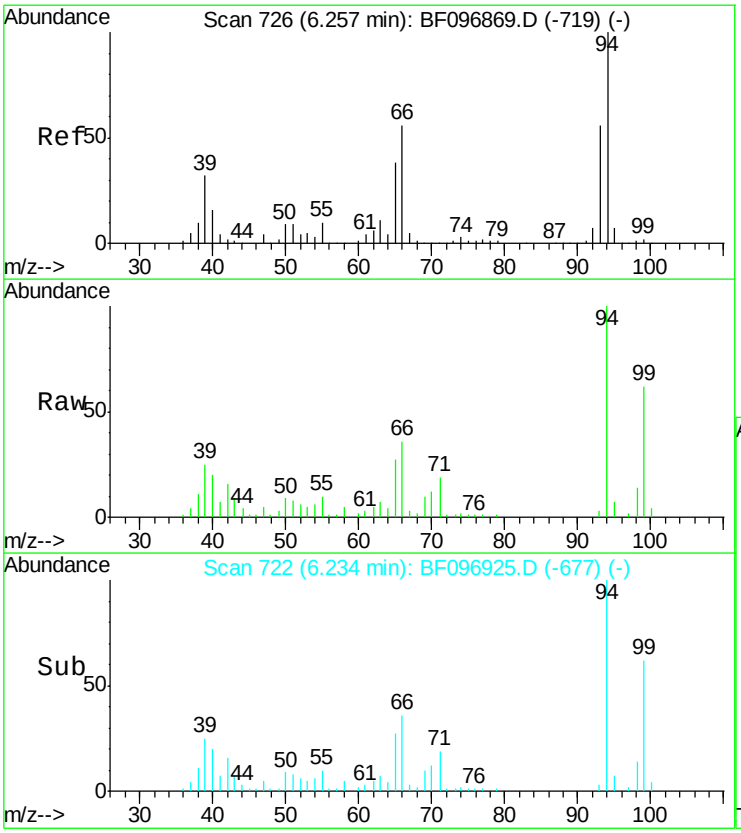
#7
Phenol-d6
Concen: 84.87 ng
RT: 6.22 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion: 99 Resp: 656652

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	32.4	24.5	36.7

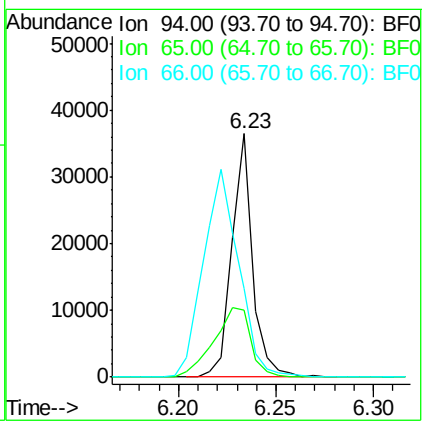


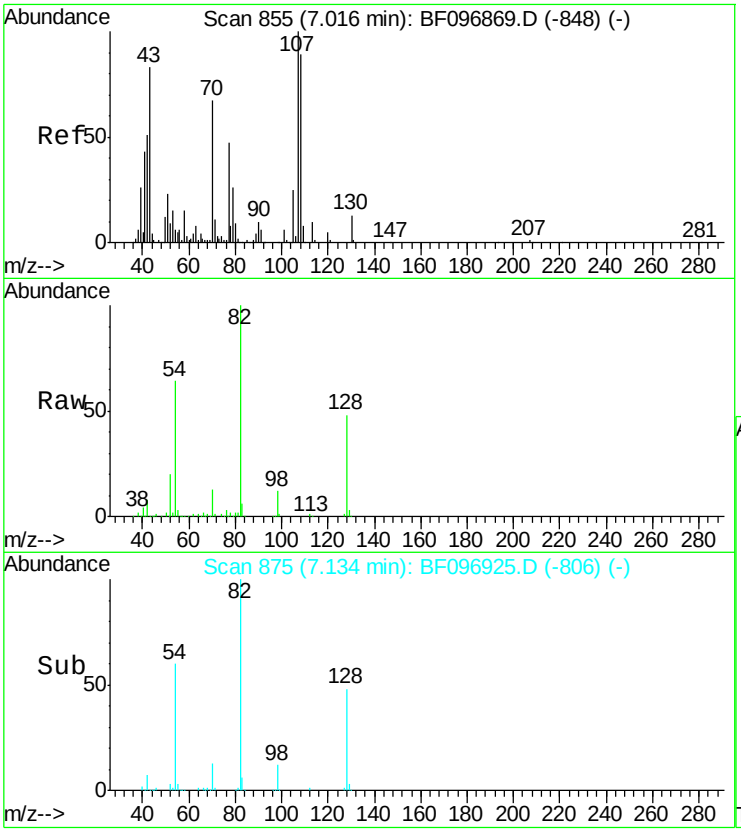


#10
Phenol
Concen: 3.07 ng
RT: 6.23 min Scan# 722
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion: 94 Resp: 26833

Ion	Ratio	Lower	Upper
94	100		
65	27.4	9.9	49.9
66	36.5	23.1	63.1



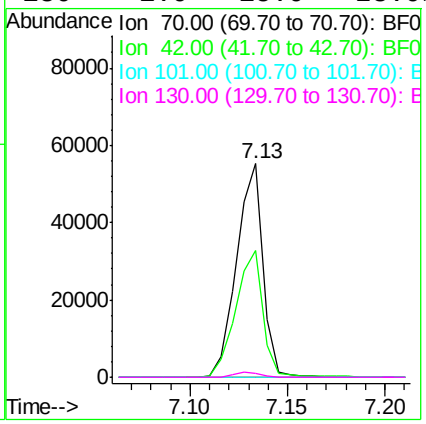


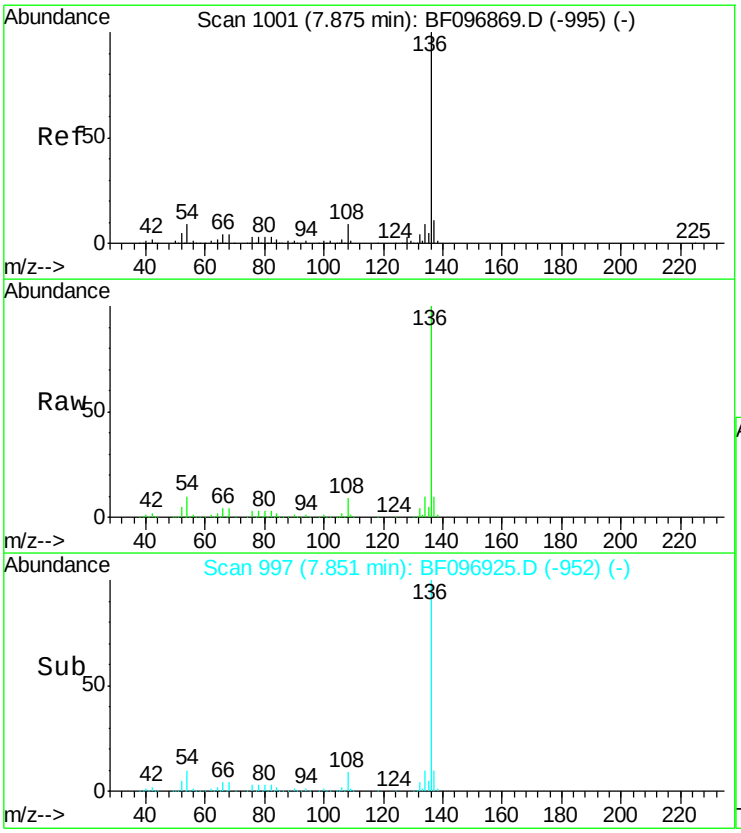
#19
n-Nitroso-di-n-propylamine
Concen: 11.04 ng
RT: 7.13 min Scan# 875
Delta R.T. 0.11 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion: 70 Resp: 51476

Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

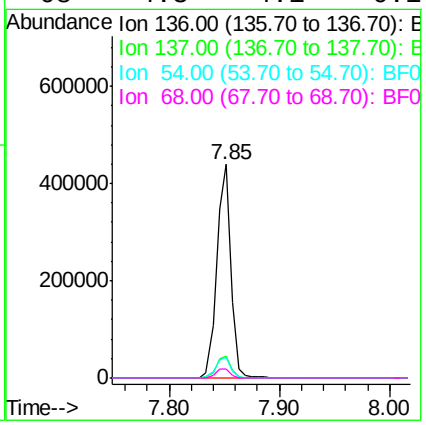


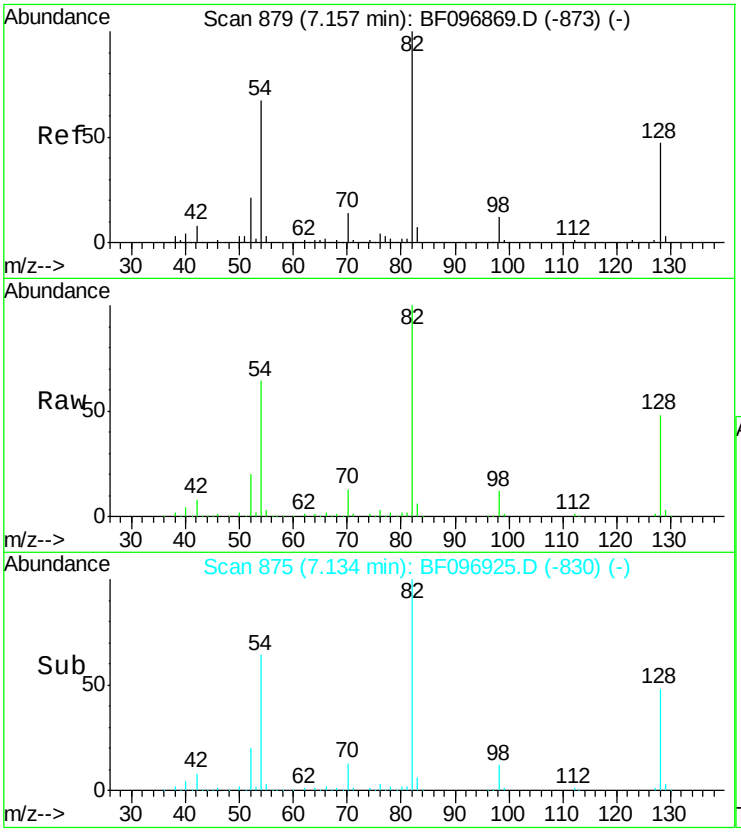


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:136 Resp: 389119

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.6	4.9	7.3#
68	4.3	4.1	6.1



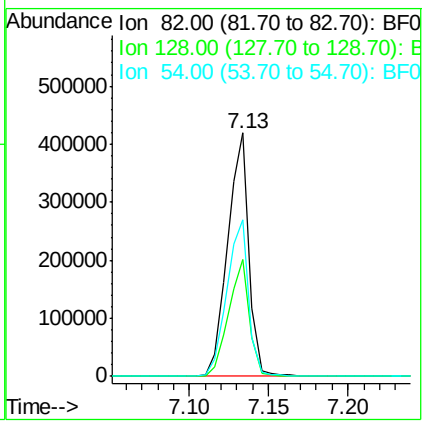


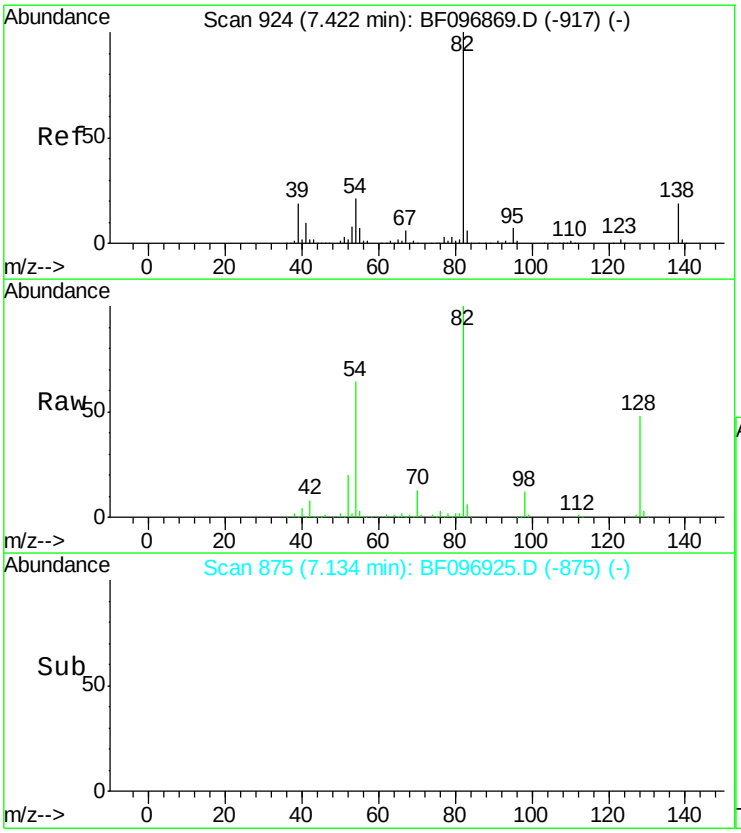
#23
Nitrobenzene-d5
Concen: 61.75 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion: 82 Resp: 387897

Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	64.5	42.2	63.2#

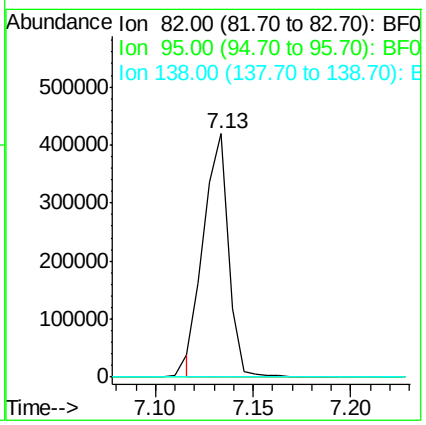


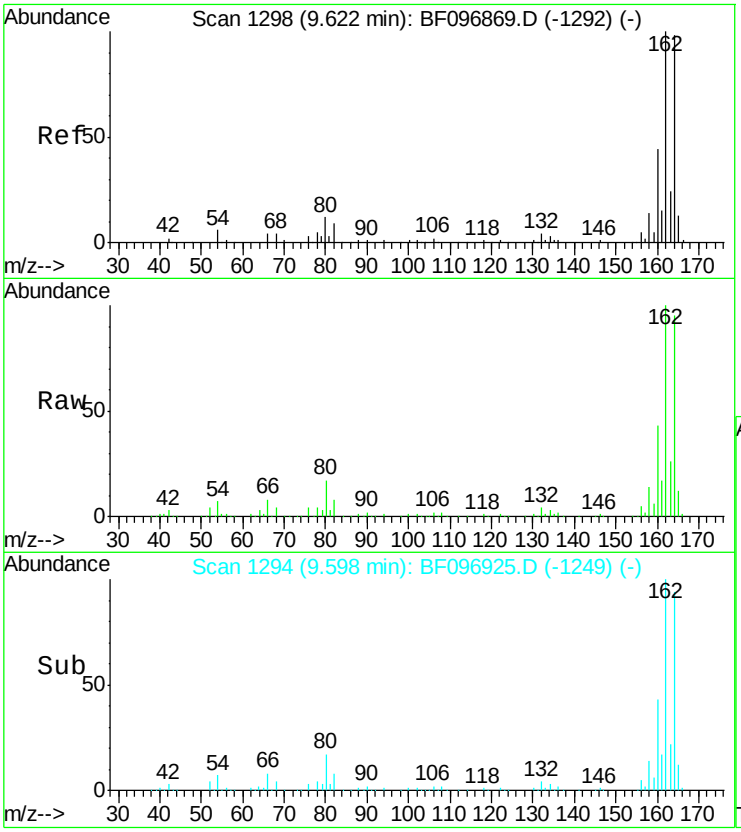


#25
Isophorone
Concen: 31.70 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.30 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion: 82 Resp: 370411

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



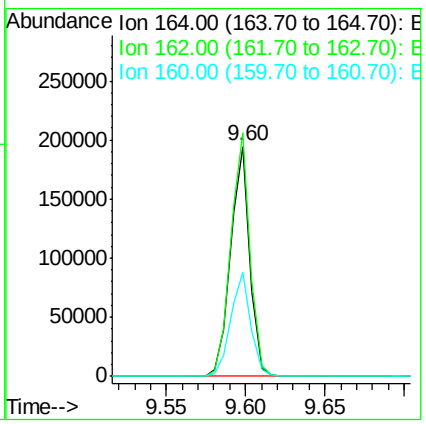


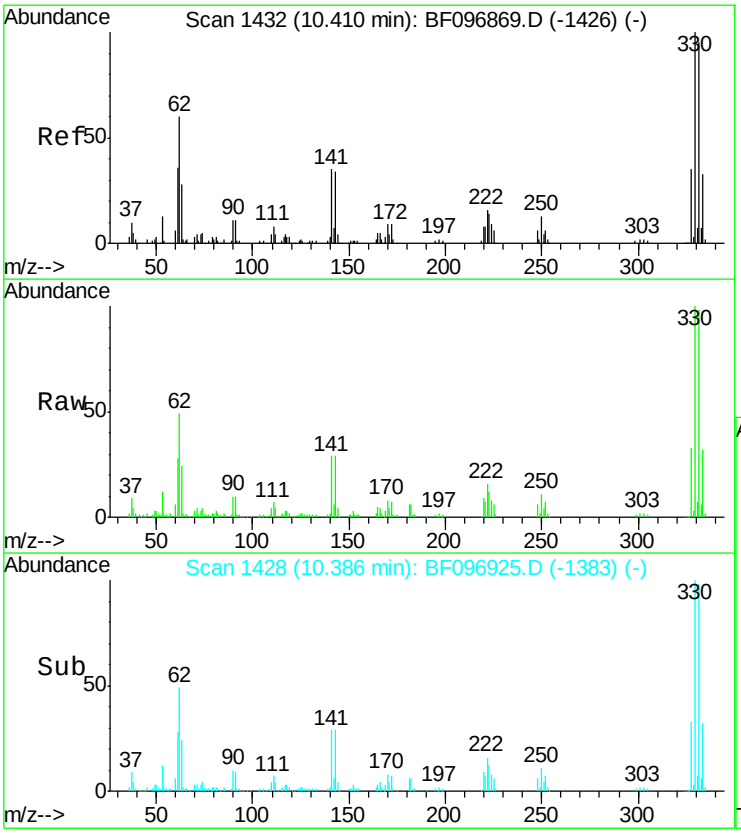
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:164 Resp: 162802

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	45.3	36.2	54.2

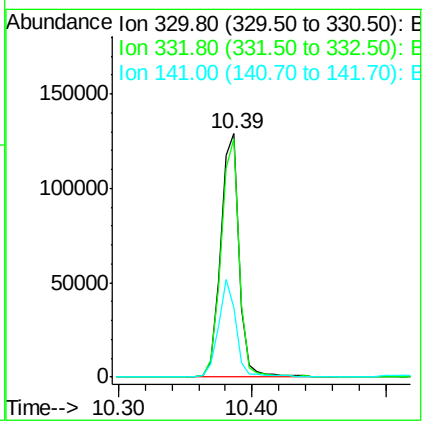


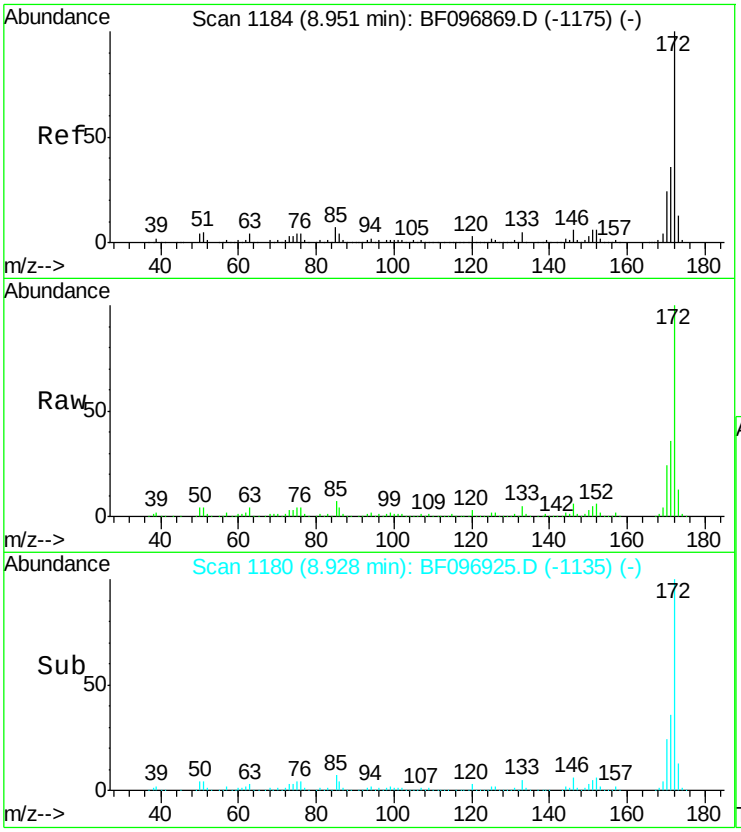


#41
2,4,6-Tribromophenol
Concen: 91.28 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:330 Resp: 126849

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	38.7	31.4	47.2



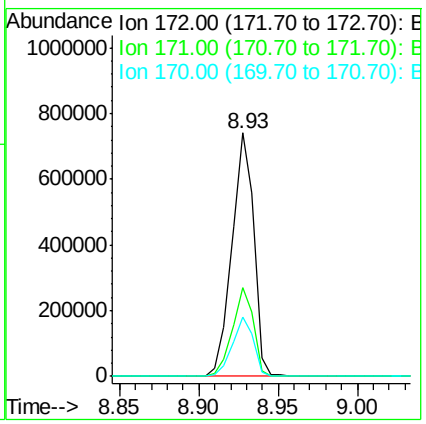


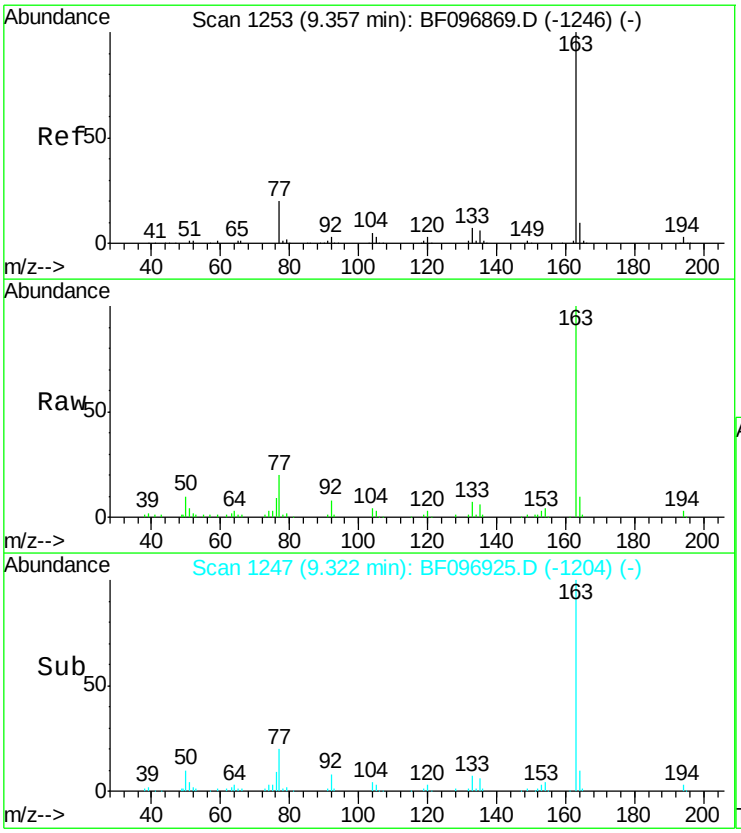
#44
2-Fluorobiphenyl
Concen: 68.67 ng
RT: 8.93 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:172 Resp: 707607

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.3	19.8	29.8

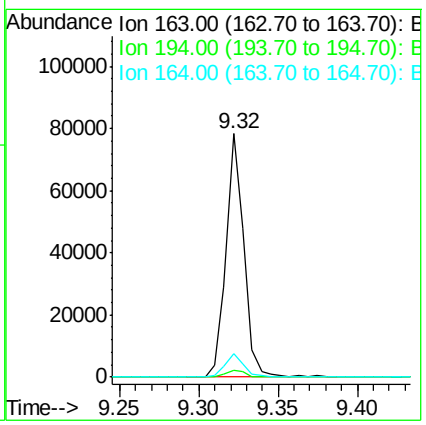


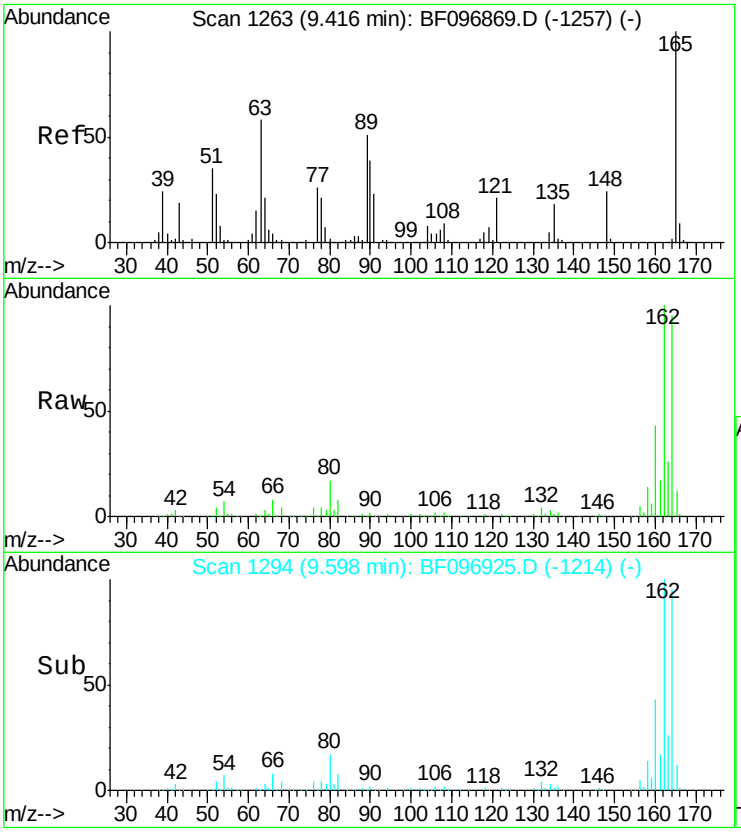


#49
Dimethylphthalate
Concen: 4.97 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:163 Resp: 60916

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.5	8.4	12.6



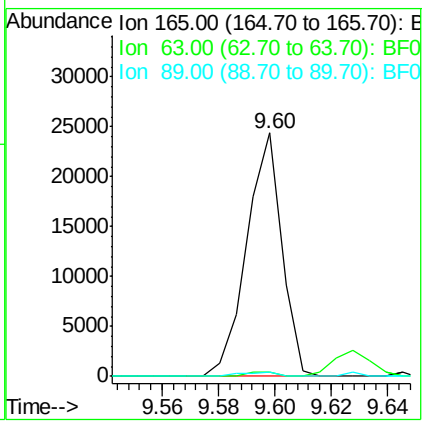


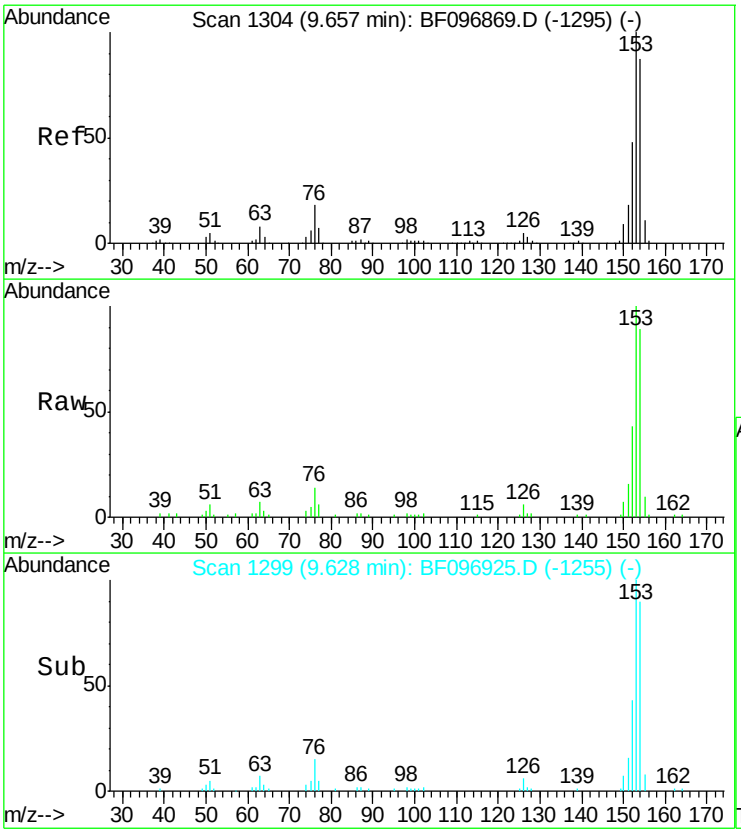
#50
2,6-Dinitrotoluene
Concen: 7.92 ng
RT: 9.60 min Scan# 1294
Delta R.T. 0.17 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:165 Resp: 21041

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.8	37.1	55.7#

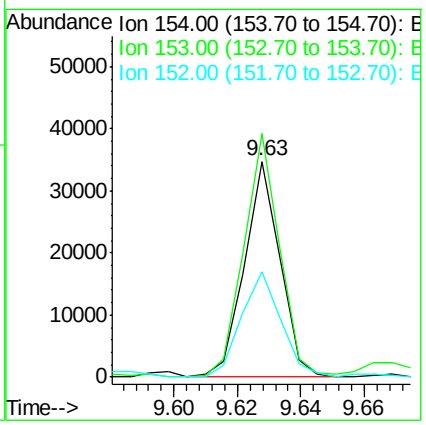


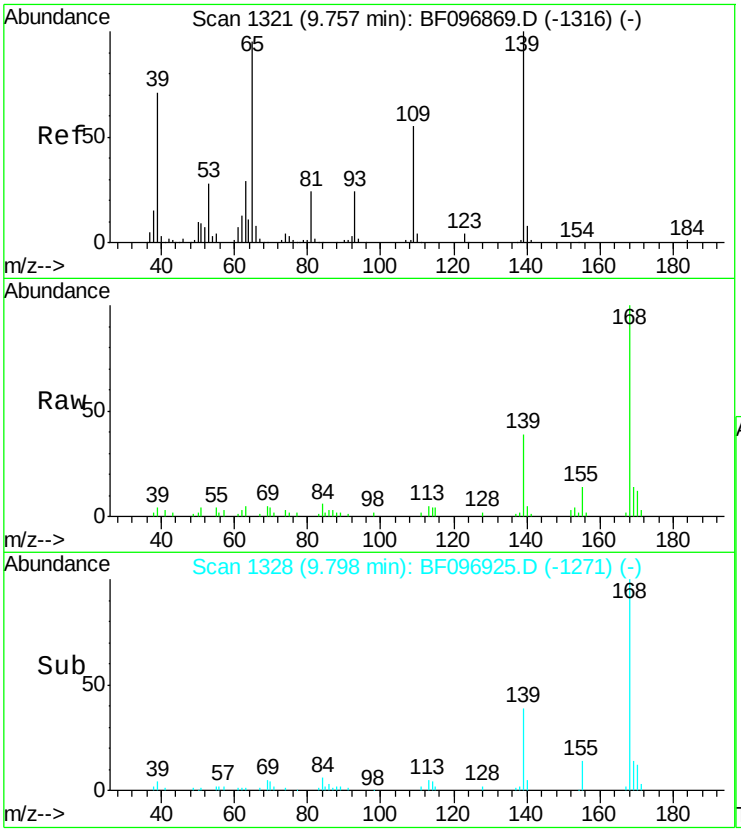


#51
Acenaphthene
Concen: 2.80 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:154 Resp: 27054

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	49.0	43.6	65.4



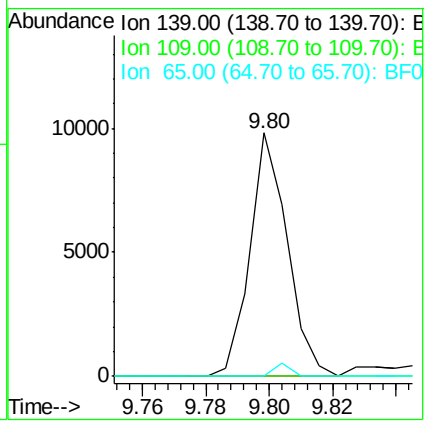


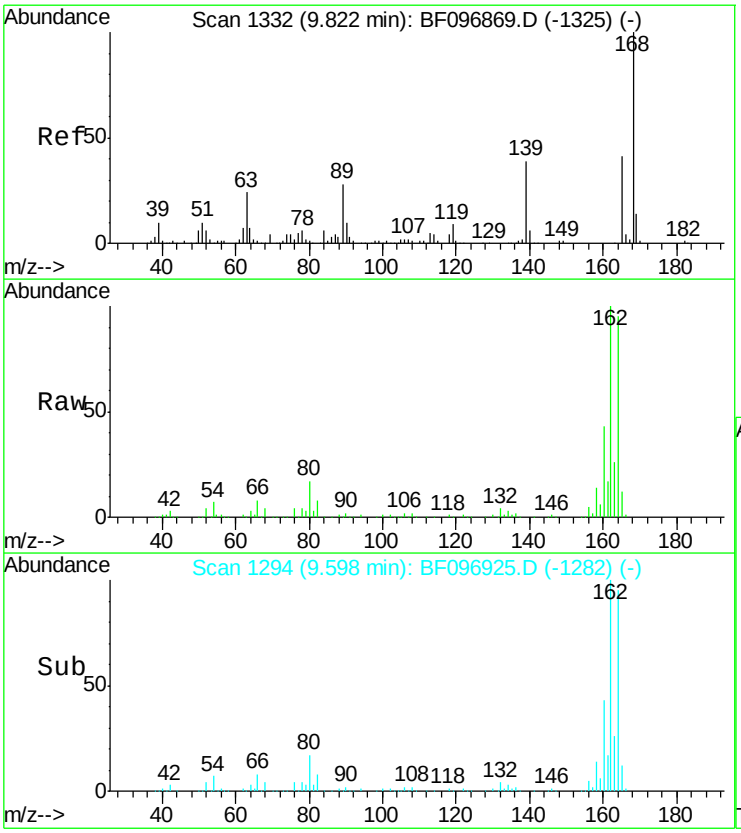
#55
4-Nitrophenol
Concen: 3.49 ng
RT: 9.80 min Scan# 1328
Delta R.T. 0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:139 Resp: 8026

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

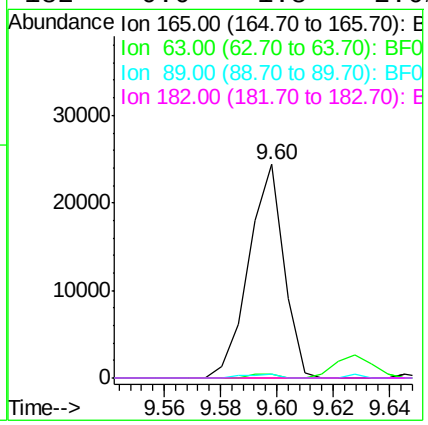


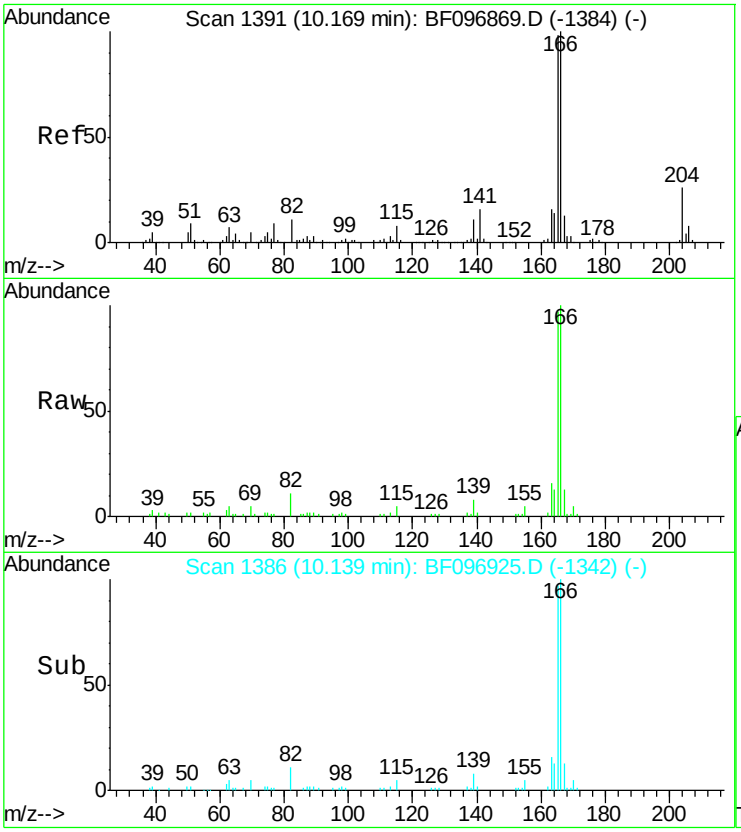


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.60 min Scan# 1294
Delta R.T. -0.23 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:165 Resp: 21041

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



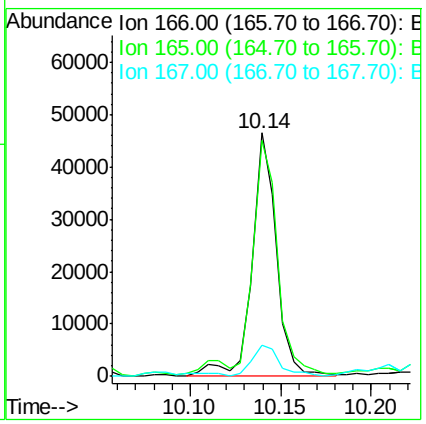


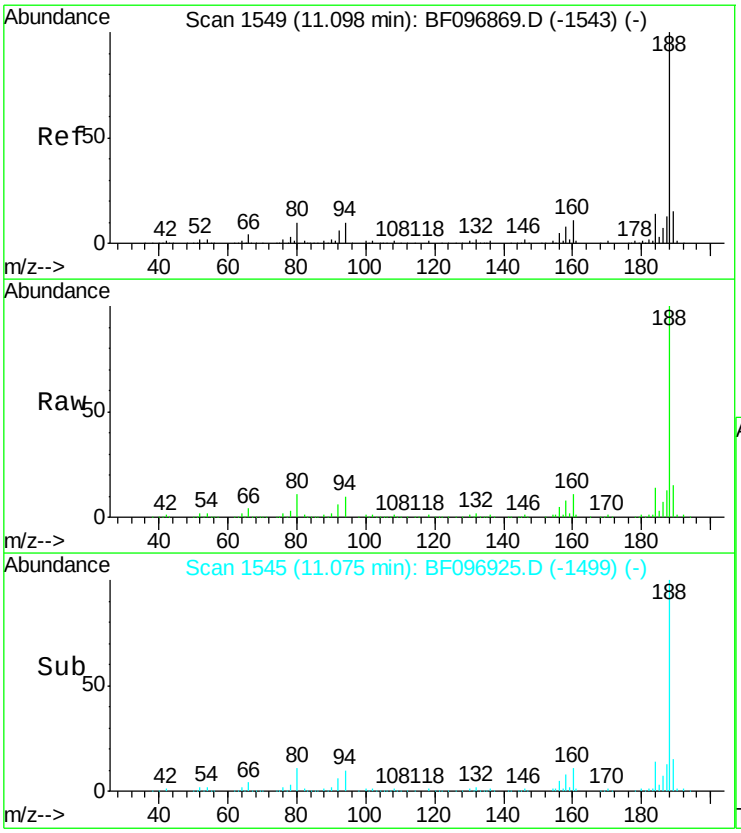
#57
Fluorene
Concen: 4.34 ng
RT: 10.14 min Scan# 1386
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:166 Resp: 43533

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.8	118.2
167	12.9	10.6	16.0

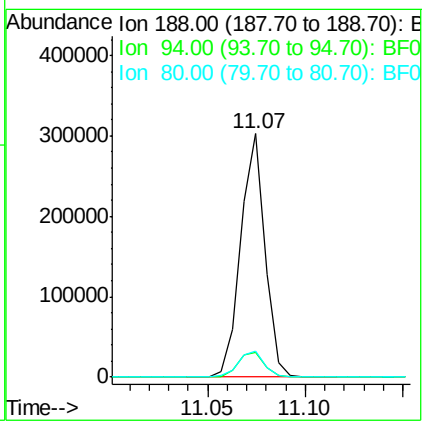


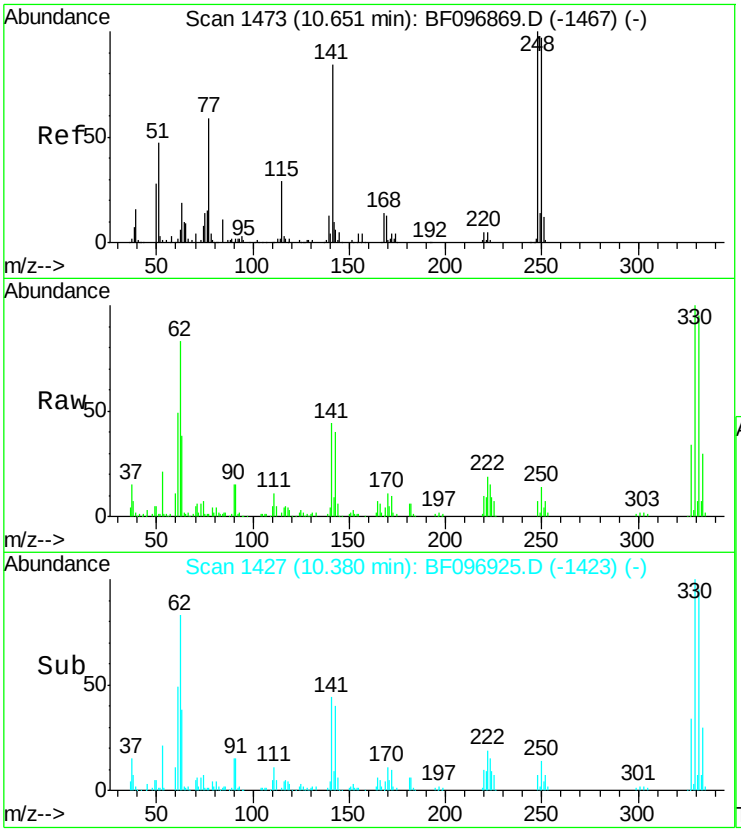


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 1545
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:188 Resp: 261044

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.6	10.2	15.2



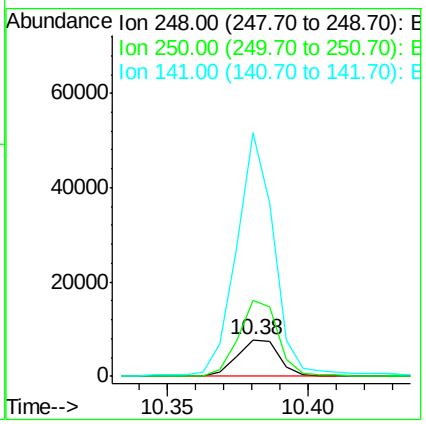


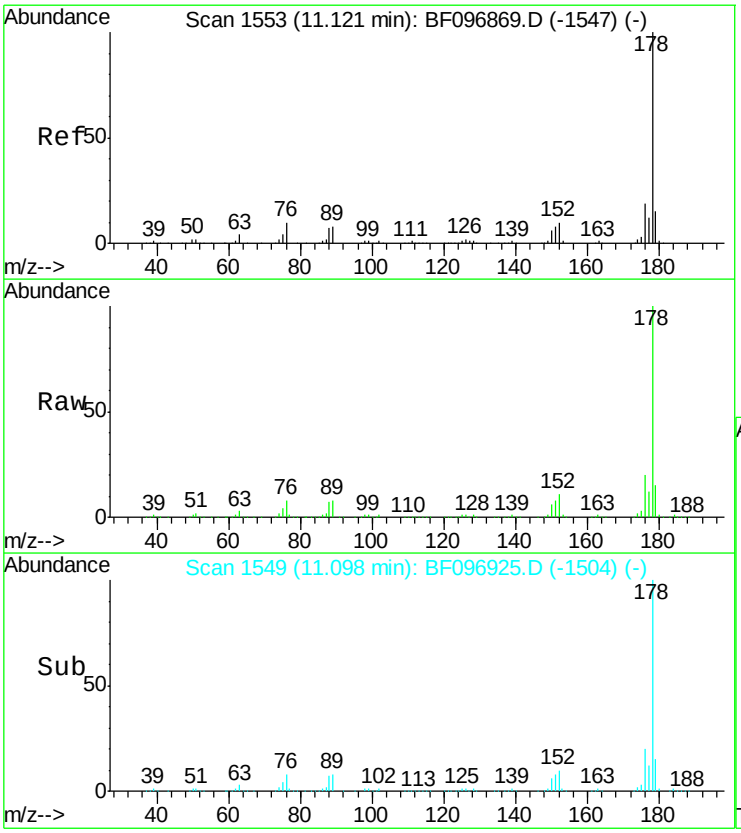
#66
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 10.38 min Scan# 1427
Delta R.T. -0.28 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:248 Resp: 8020

Ion	Ratio	Lower	Upper
248	100		
250	207.6	76.8	115.2#
141	662.2	68.6	103.0#

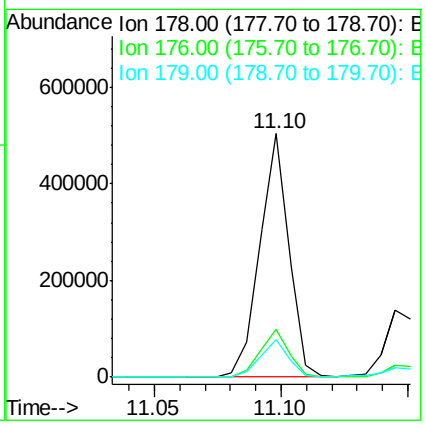


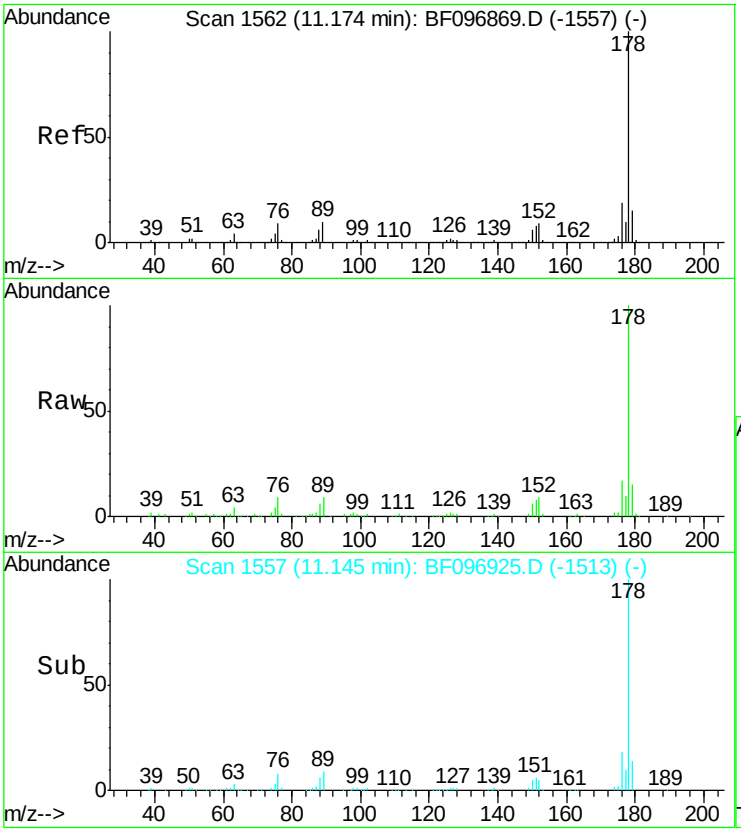


#70
Phenanthrene
Concen: 28.46 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:178 Resp: 404015

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.2	12.6	19.0



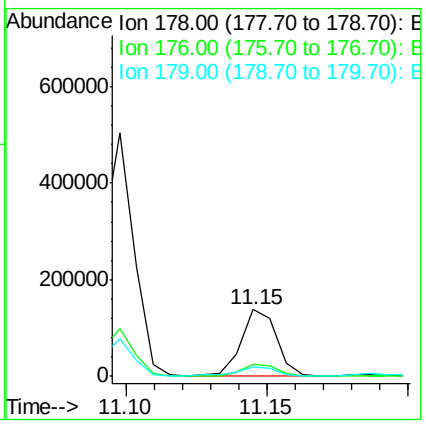


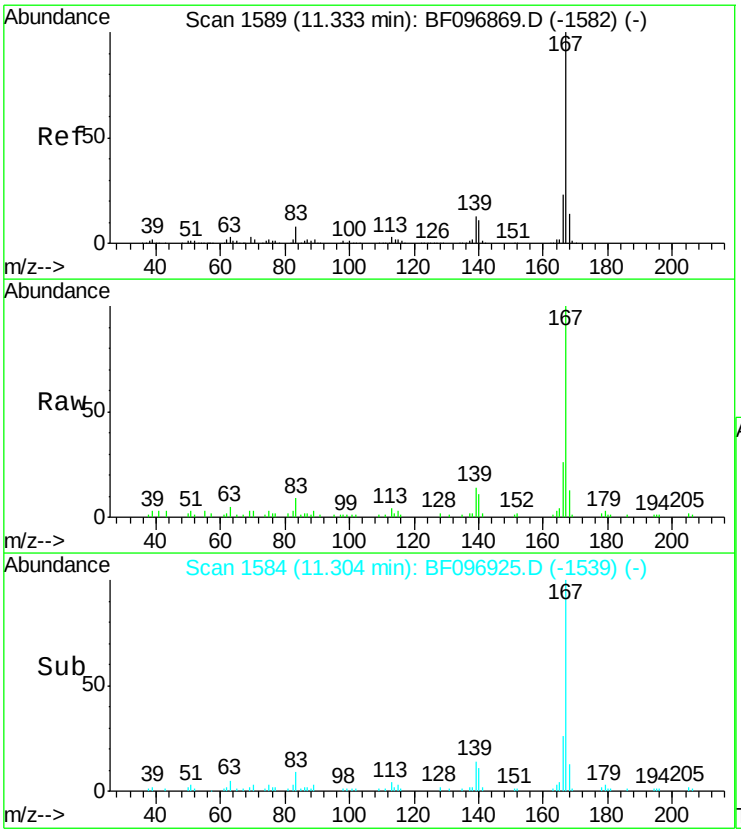
#71
Anthracene
Concen: 8.35 ng
RT: 11.15 min Scan# 1557
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:178 Resp: 119901

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	14.7	12.7	19.1

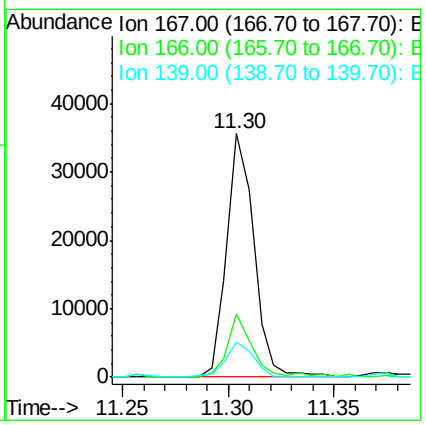


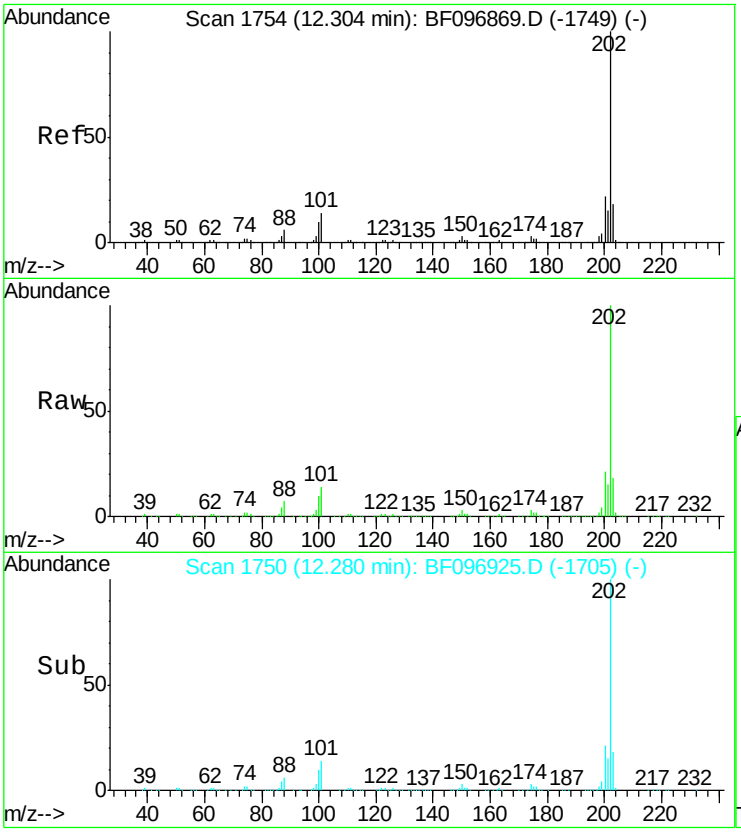


#72
Carbazole
Concen: 2.29 ng
RT: 11.30 min Scan# 1584
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:167 Resp: 31778

Ion	Ratio	Lower	Upper
167	100		
166	25.7	18.1	27.1
139	14.4	11.7	17.5



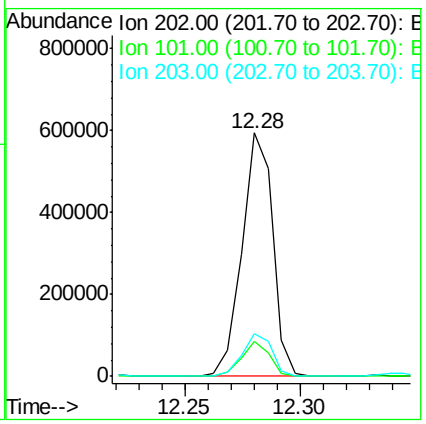


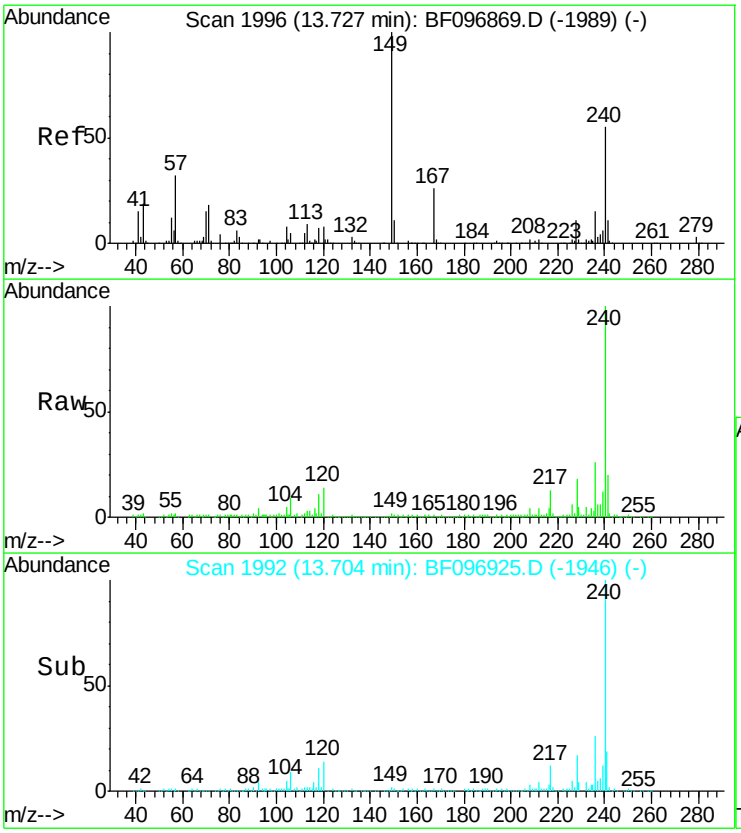
#74
Fluoranthene
Concen: 40.72 ng
RT: 12.28 min Scan# 1750
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:202 Resp: 553173

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.6	0.0	38.1

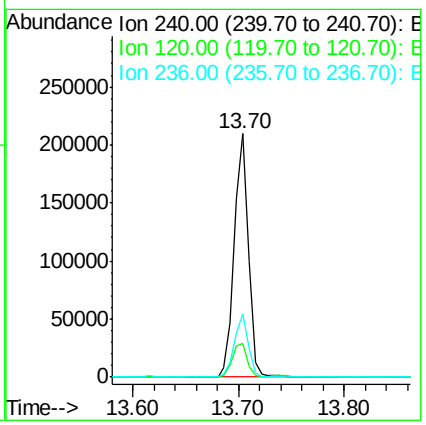


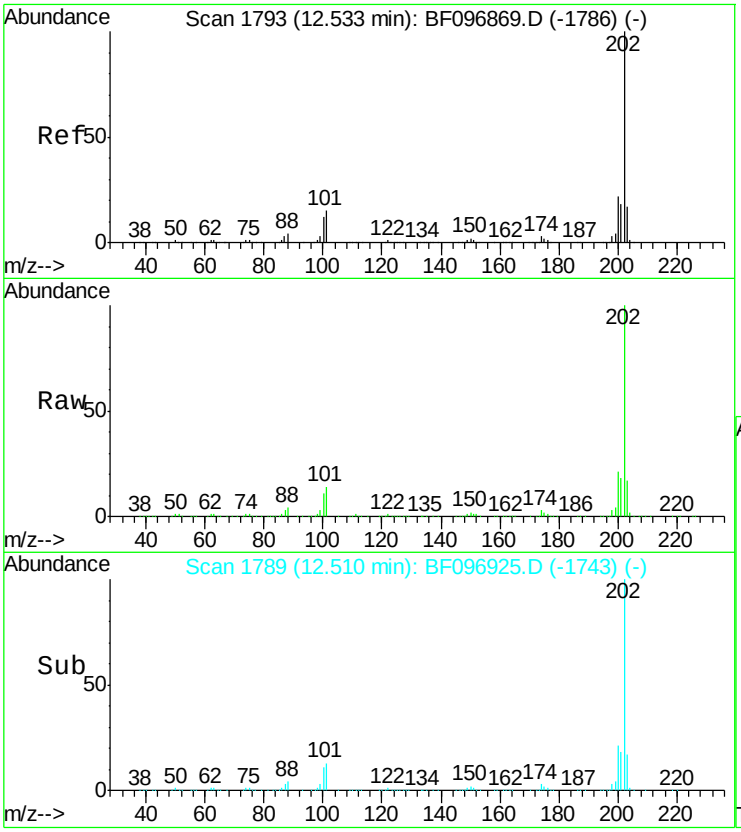


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:240 Resp: 192084

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.9	20.5	30.7



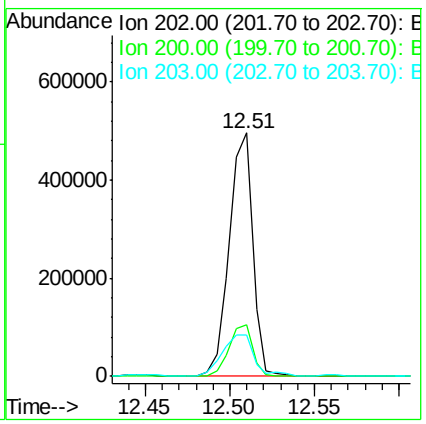


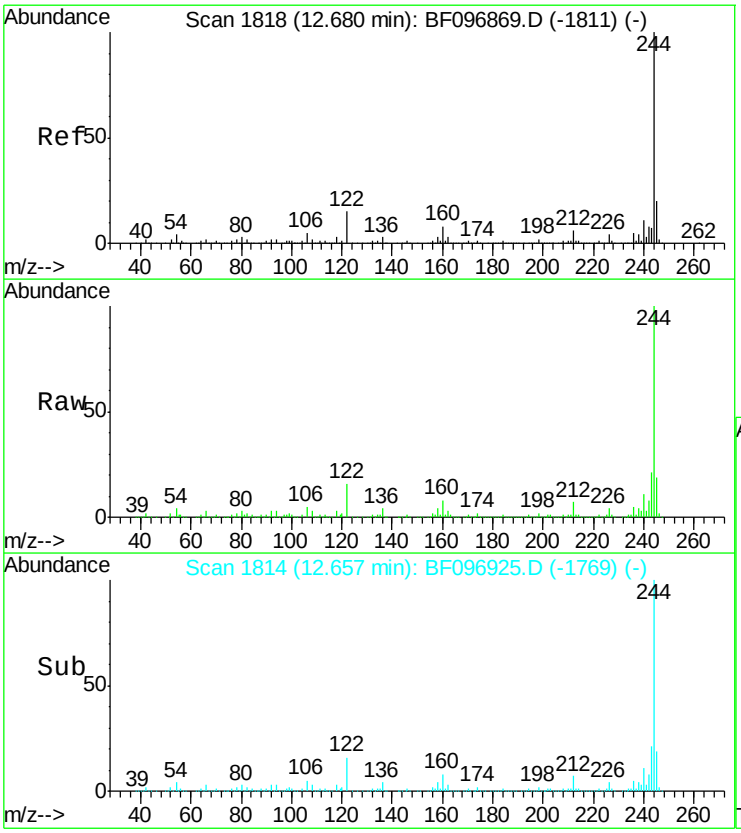
#77
Pyrene
Concen: 27.37 ng
RT: 12.51 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:202 Resp: 477160

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.1	14.4	21.6

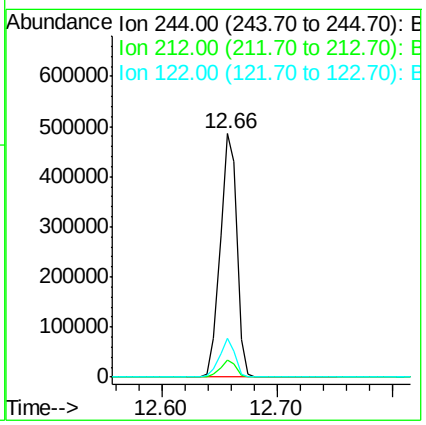


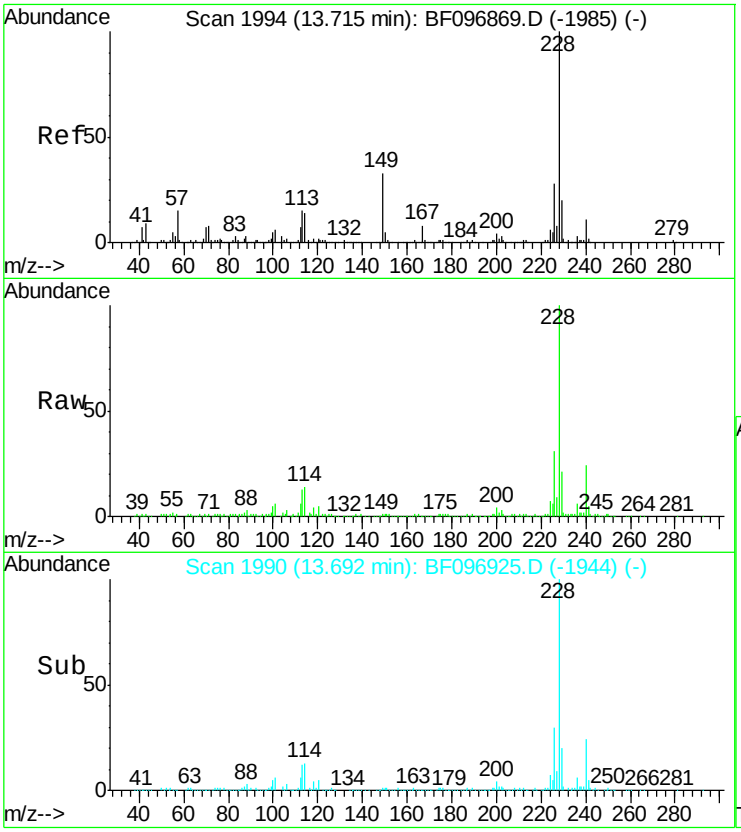


#78
Terphenyl-d14
Concen: 43.59 ng
RT: 12.66 min Scan# 1814
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:244 Resp: 482776

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	16.0	10.3	15.5#



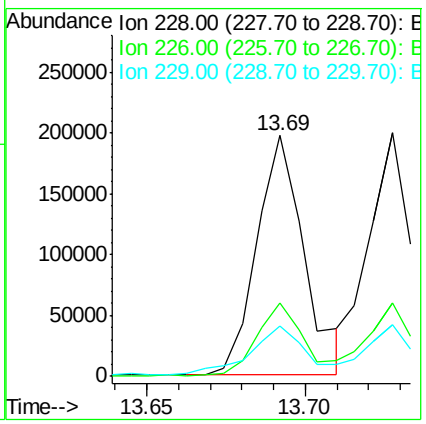


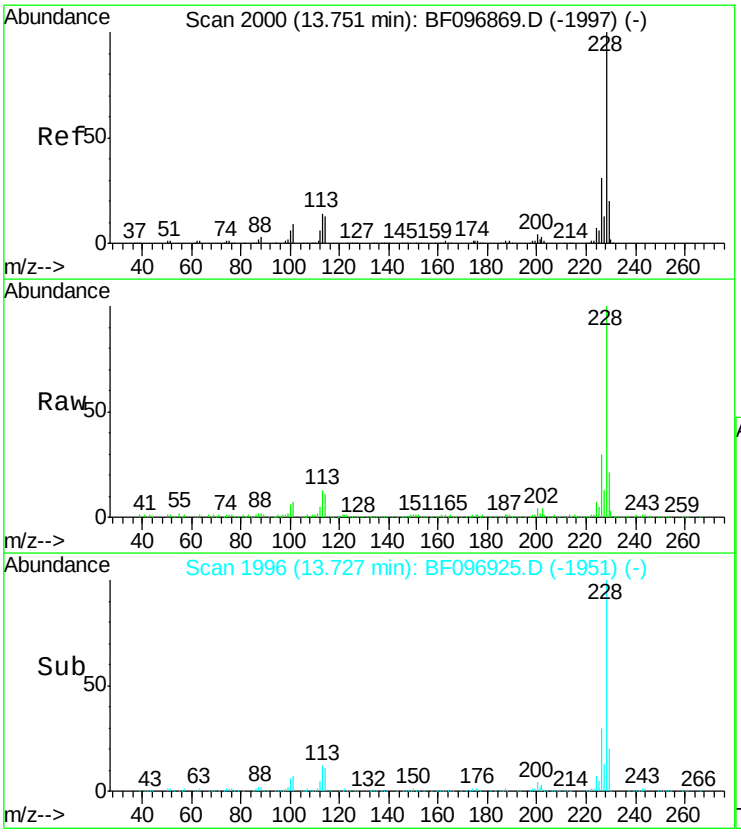
#80
Benzo(a)anthracene
Concen: 17.08 ng
RT: 13.69 min Scan# 1990
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:228 Resp: 204399

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	20.7	16.3	24.5

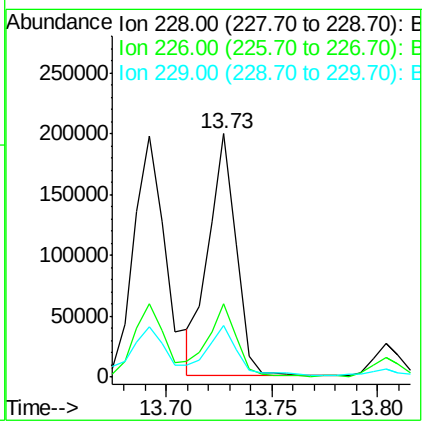


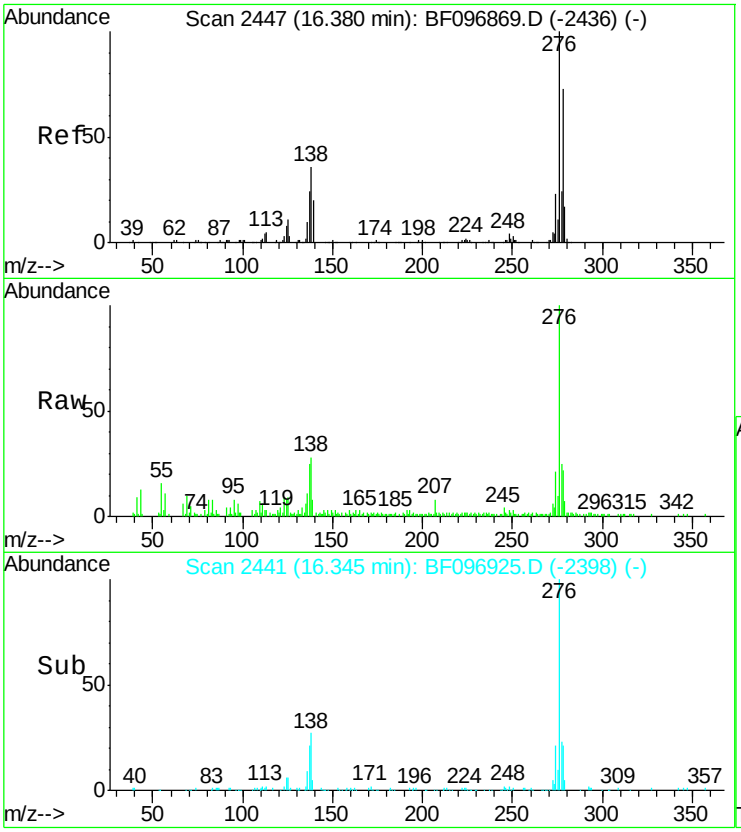


#82
Chrysene
Concen: 15.40 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:228 Resp: 181425

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.0	15.8	23.6



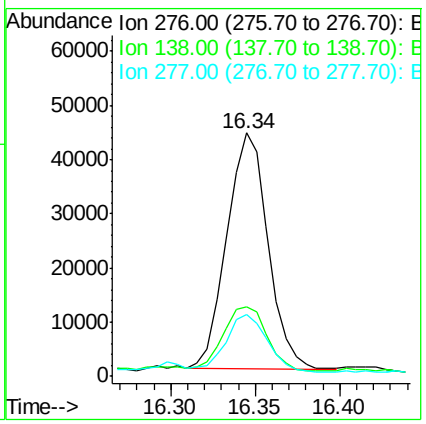


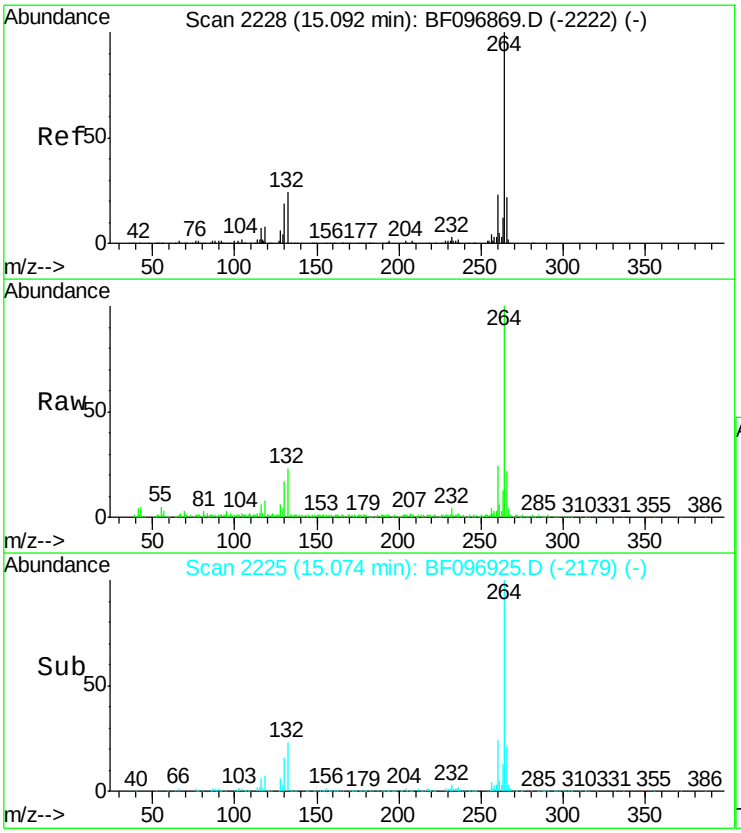
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.82 ng
RT: 16.34 min Scan# 2441
Delta R.T. -0.05 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:276 Resp: 74175

Ion	Ratio	Lower	Upper
276	100		
138	29.3	27.8	41.6
277	24.8	20.2	30.4

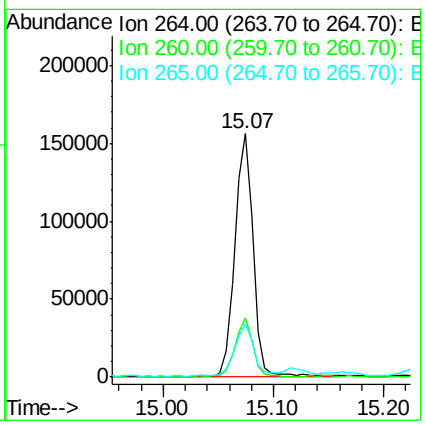


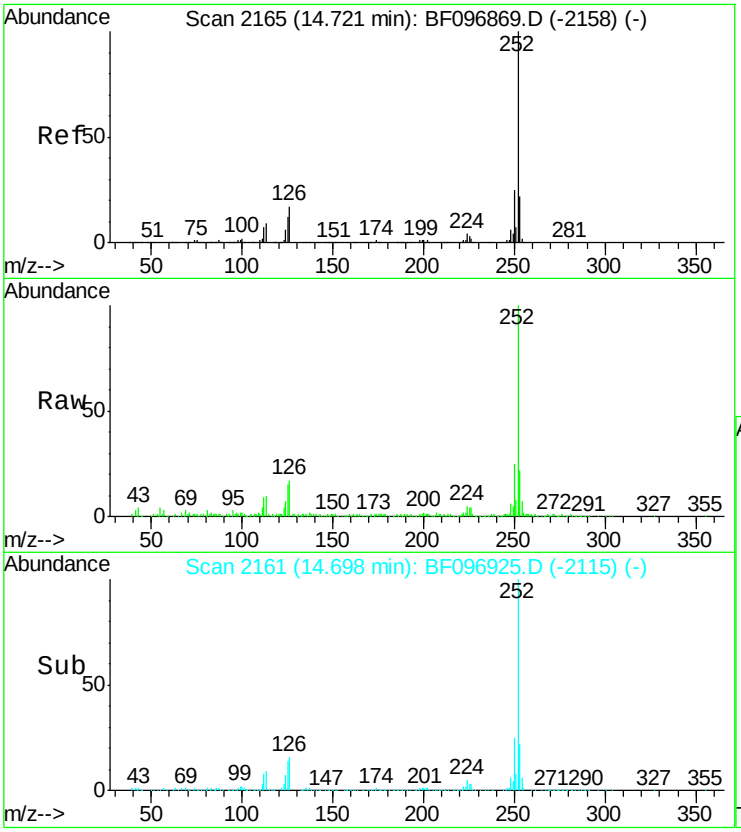


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:264 Resp: 183816

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.2	25.8



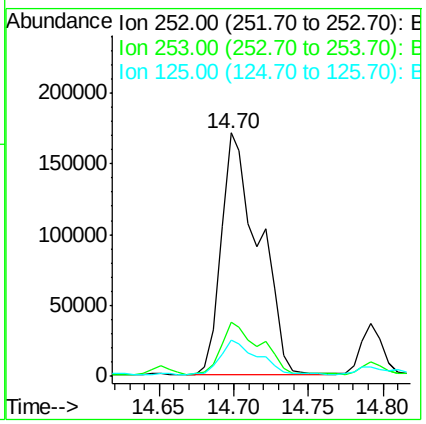


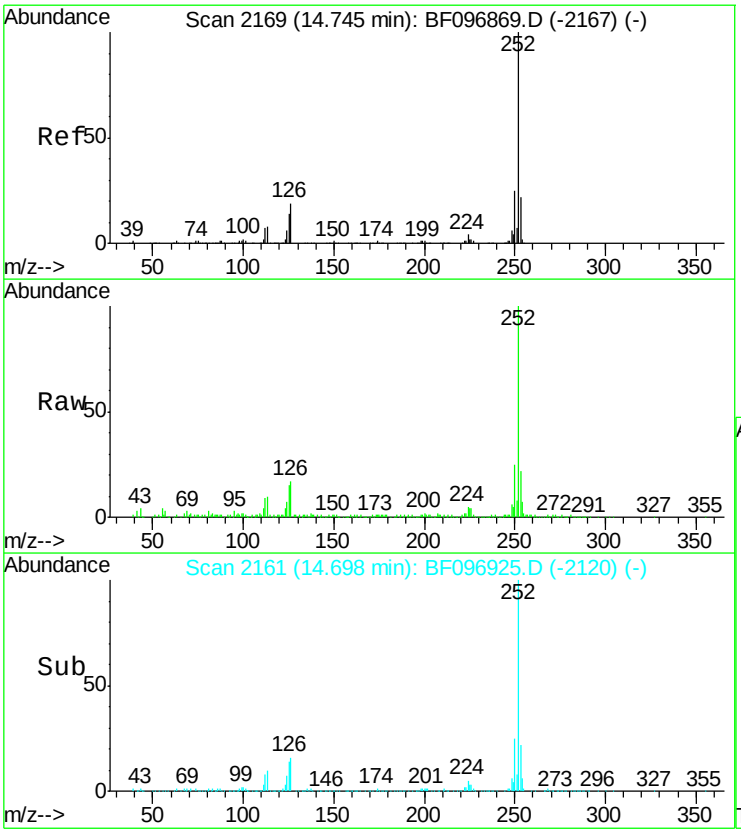
#87
Benzo(b)fluoranthene
Concen: 27.16 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:252 Resp: 301077

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	15.0	9.8	14.8#

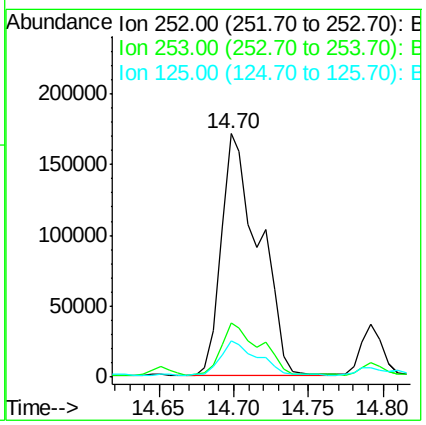


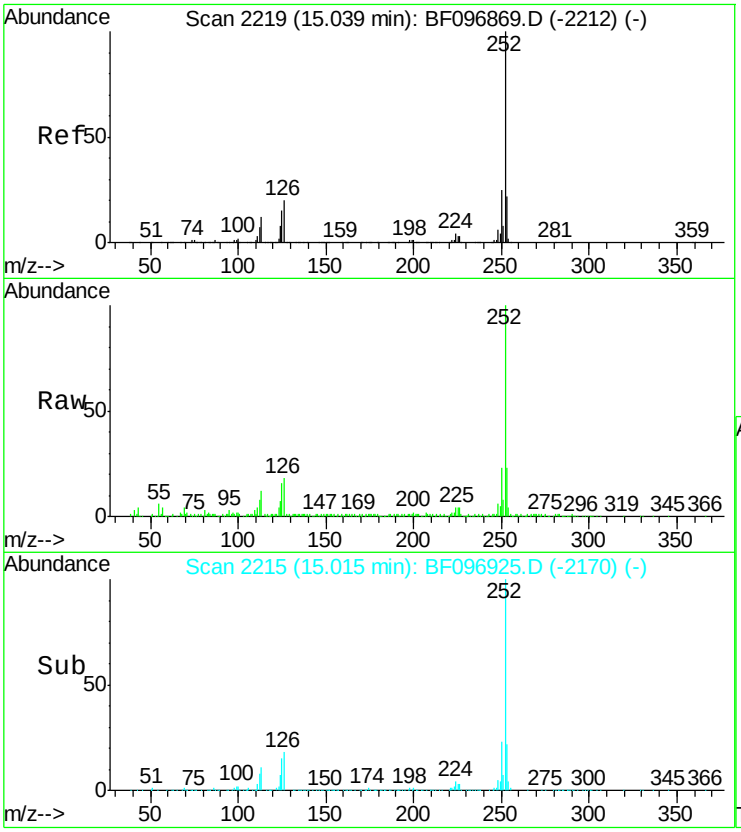


#88
Benzo(k)fluoranthene
Concen: 28.68 ng
RT: 14.70 min Scan# 2161
Delta R.T. -0.06 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:252 Resp: 301077

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	15.0	13.1	19.7



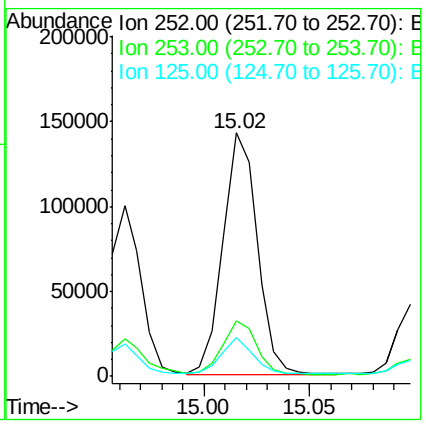


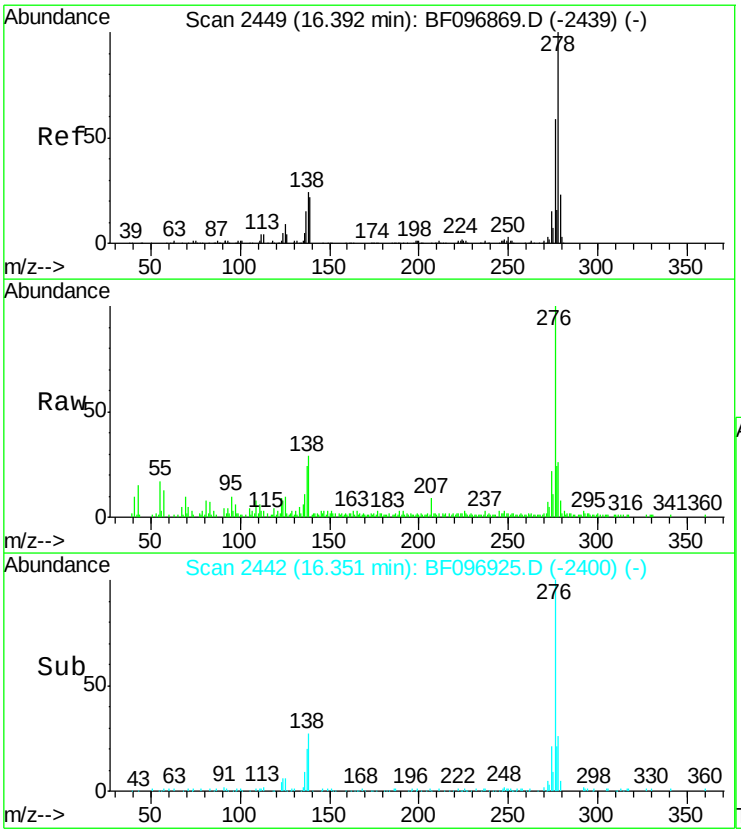
#89
Benzo(a)pyrene
Concen: 15.85 ng
RT: 15.02 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:252 Resp: 161139

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	16.0	11.0	16.4

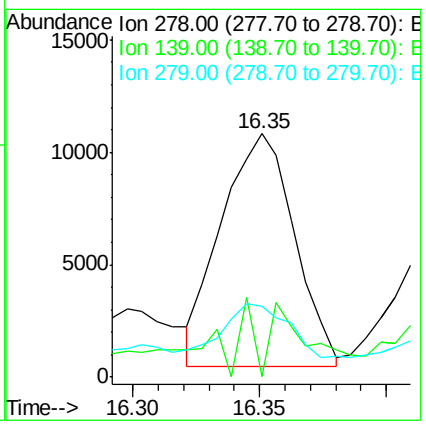


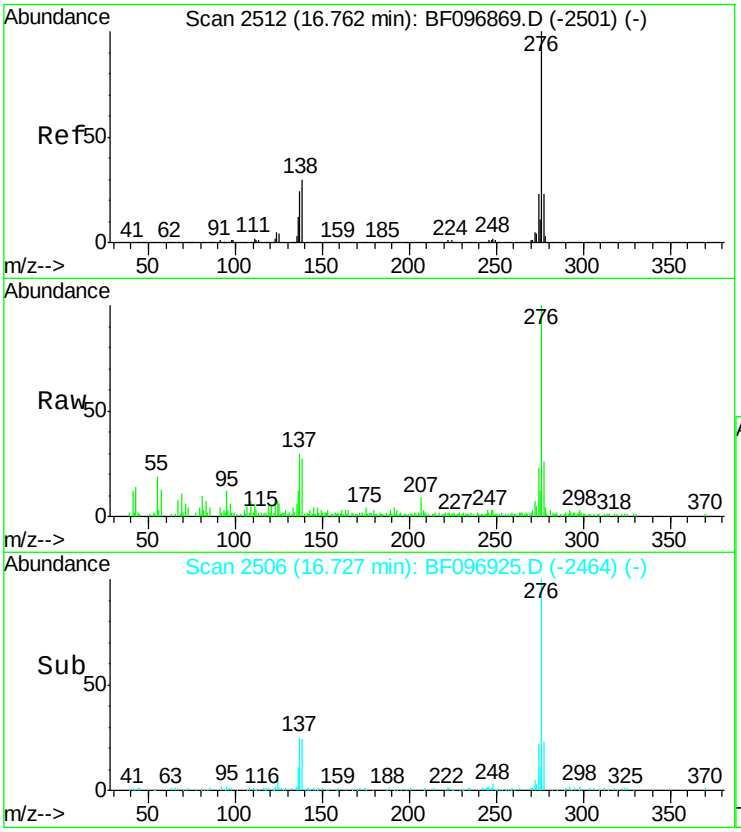


#90
Dibenzo(a,h)anthracene
Concen: 2.22 ng
RT: 16.35 min Scan# 2442
Delta R.T. -0.05 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Tgt Ion:278 Resp: 20749

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	29.2	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 6.99 ng
RT: 16.73 min Scan# 2506
Delta R.T. -0.05 min
Lab File: BF096925.D
Acq: 21 Jul 2017 00:21

Instrument :
BNA_F
ClientSampleId :
OR-02-071917

Tgt Ion:276 Resp: 70012

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	27.0	25.4	38.0