Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107280.D
Acq On : 10 Jul 2018 18:35
Operator : JU/SJ
Sample : J3891-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12002-RBR-RBR-VNJ-230RE

Quant Time: Jul 11 01:08:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	30943	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	106903	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	50062	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	105461	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	97178	20.00	ng		-0.03
86) Perylene-d12	15.68	264	71986	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	174748	95.63	ng		-0.02
7) Phenol-d6	6.58	99	205483	90.04	ng		-0.03
23) Nitrobenzene-d5	7.50	82	120316	62.55	ng		-0.04
41) 2,4,6-Tribromophenol	10.78	330	54231	93.46	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	179116	55.43	ng		-0.03
78) Terphenyl-d14	13.06	244	208049	51.86	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	15332	10.193	ng	#	75
20) 3+4-Methylphenols	7.38	107	452	Below Cal		#	69
25) Isophorone	7.50	82	120315	35.494	ng	#	64
31) Naphthalene	8.24	128	28900	5.782	ng		99
37) 2-Methylnaphthalene	8.94	142	8261	2.494	ng		95
49) Dimethylphthalate	9.69	163	38683	10.303	ng		97
51) Acenaphthene	10.01	154	10697	3.426	ng		99
54) Dibenzofuran	10.19	168	18043	4.220	ng		94
55) 4-Nitrophenol	10.19	139	6090	9.536	ng	#	9
56) 2,4-Dinitrotoluene	9.98	165	6722	6.477	ng	#	21
57) Fluorene	10.53	166	24025	7.082	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	3169	2.518	ng	#	1
70) Phenanthrene	11.51	178	195247	38.385	ng		98
71) Anthracene	11.55	178	54305	10.460	ng		99
72) Carbazole	11.71	167	16573	3.409	ng		99
74) Fluoranthene	12.70	202	233890	41.718	ng		97
77) Pyrene	12.94	202	205334	32.042	ng		100
80) Benzo(a)anthracene	14.12	228	99961	16.878	ng		98
82) Chrysene	14.16	228	78116	14.336	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	6959	2.066	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.26	276	34676	7.499	ng	#	88
87) Benzo(b)fluoranthene	15.22	252	111994	25.045	ng		97
88) Benzo(k)fluoranthene	15.22	252	111994	26.299	ng	#	97
89) Benzo(a)pyrene	15.61	252	61191	15.393	ng		96
91) Benzo(g,h,i)perylene	17.75	276	33685	10.230	ng	#	89

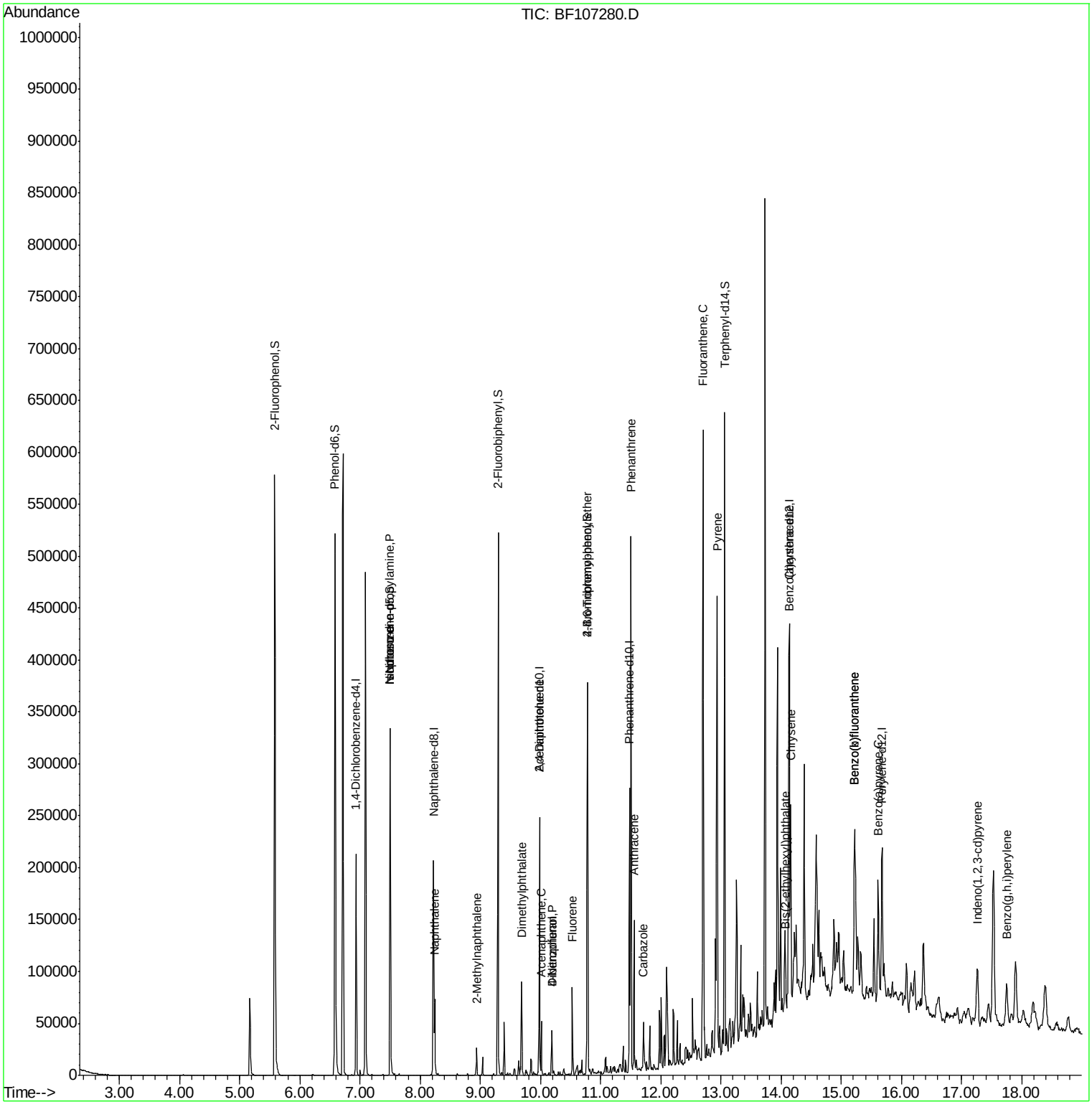
(#) = qualifier out of range (m) = manual integration (+) = signals summed

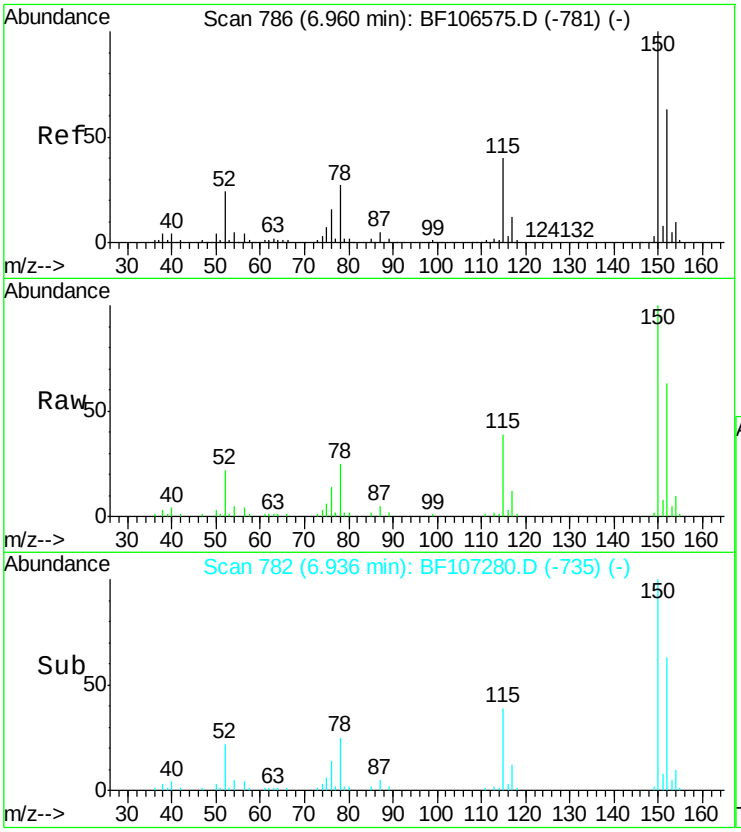
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107280.D
Acq On : 10 Jul 2018 18:35
Operator : JU/SJ
Sample : J3891-05RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Quant Time: Jul 11 01:08:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration



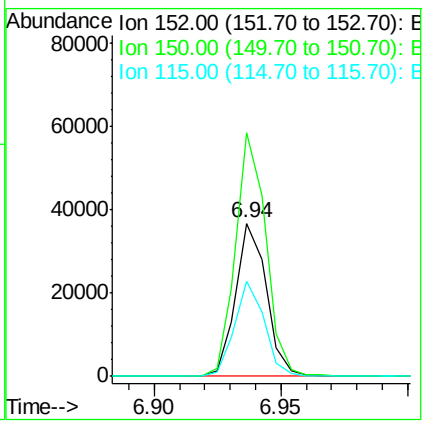


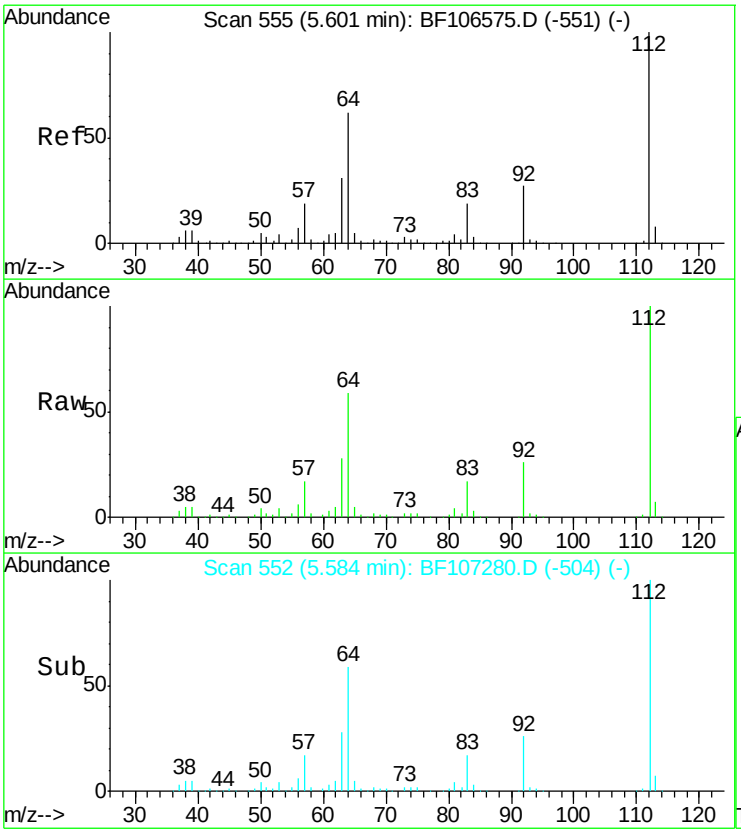
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:152 Resp: 30943

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.1	50.1	75.1

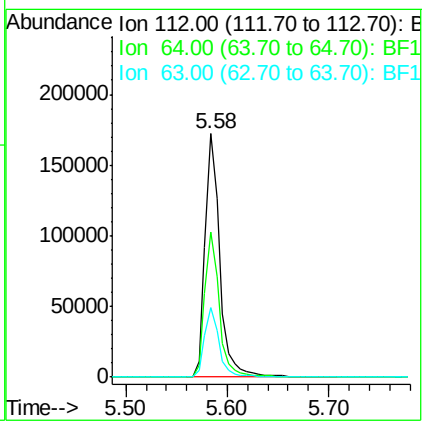


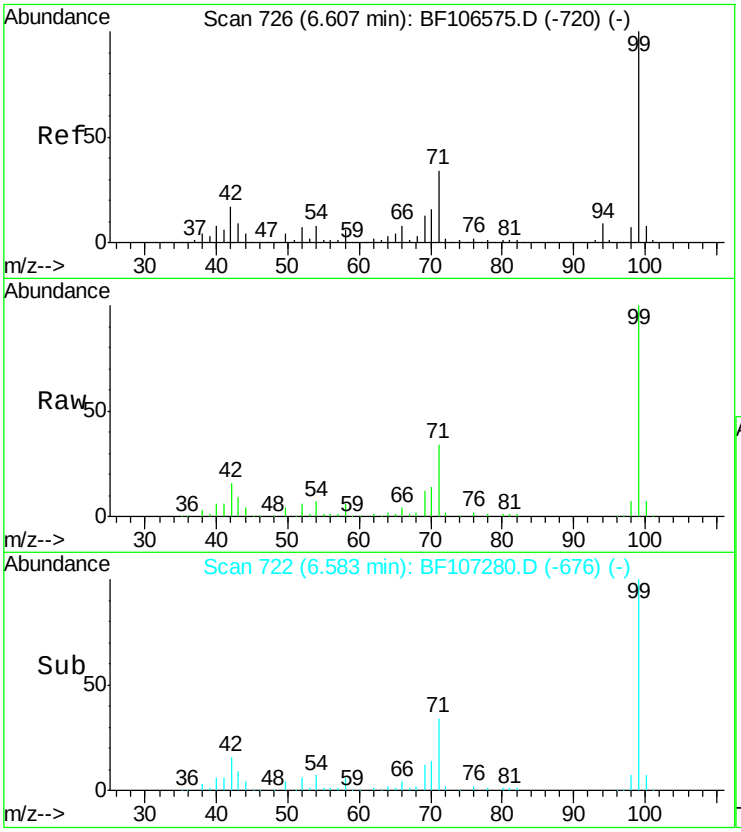


#5
2-Fluorophenol
Concen: 95.629 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:112 Resp: 174748

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	28.4	23.7	35.5



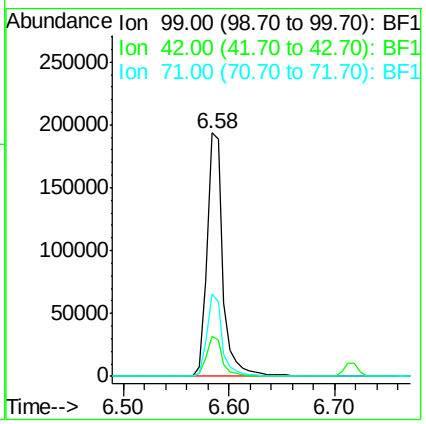


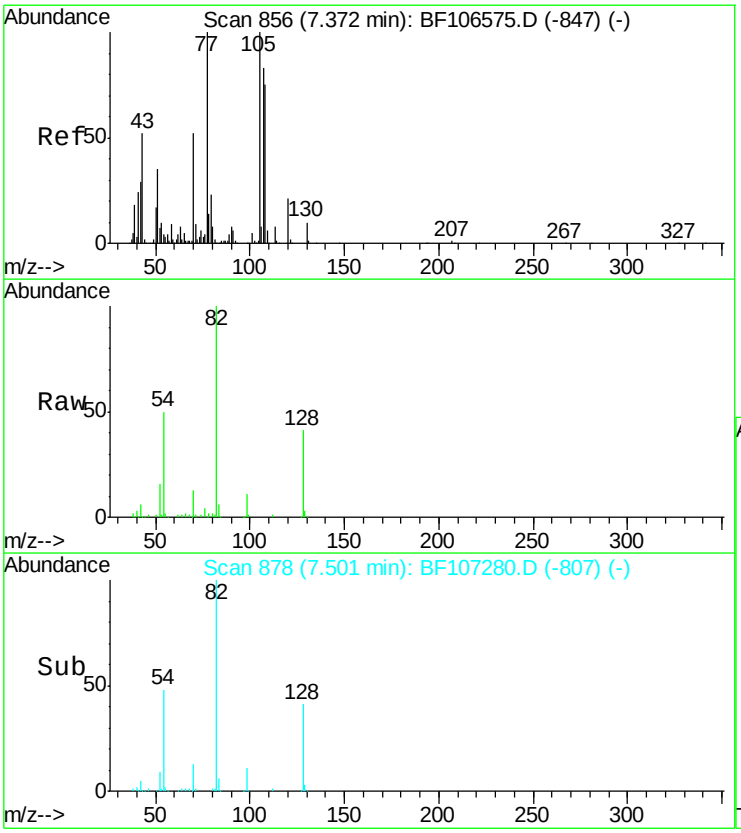
#7
Phenol-d6
Concen: 90.044 ng
RT: 6.58 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion: 99 Resp: 205483

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.7	25.4	38.0

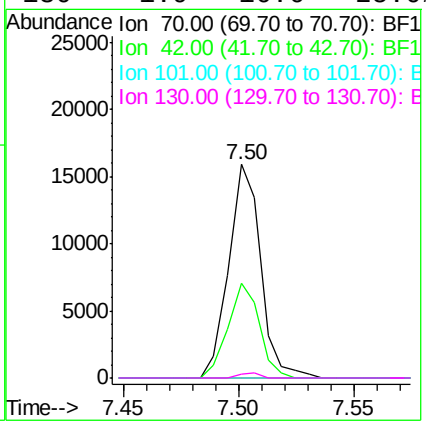


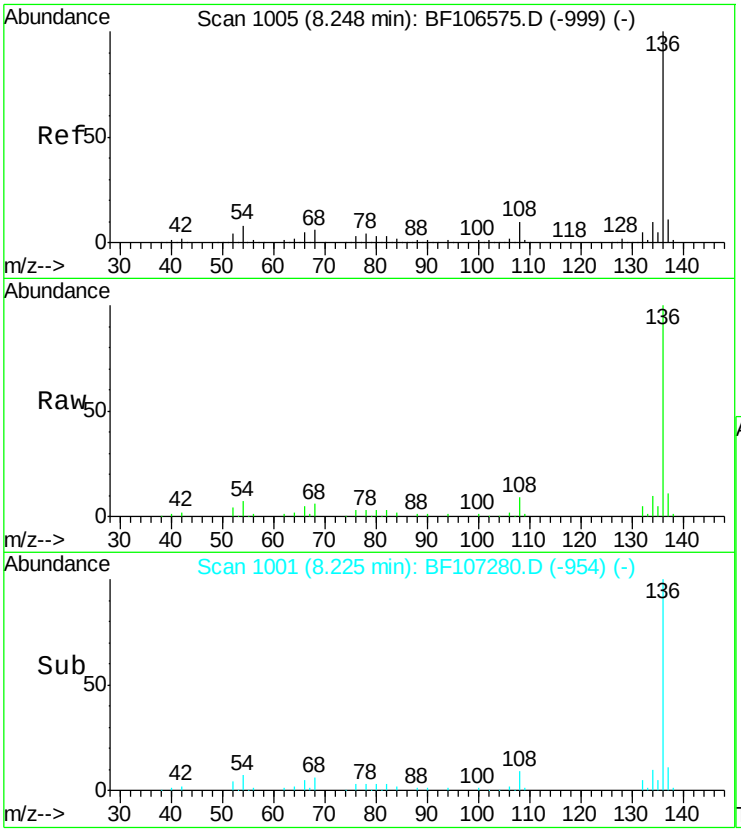


#19
n-Nitroso-di-n-propylamine
Concen: 10.193 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion: 70 Resp: 15332

Ion	Ratio	Lower	Upper
70	100		
42	44.3	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



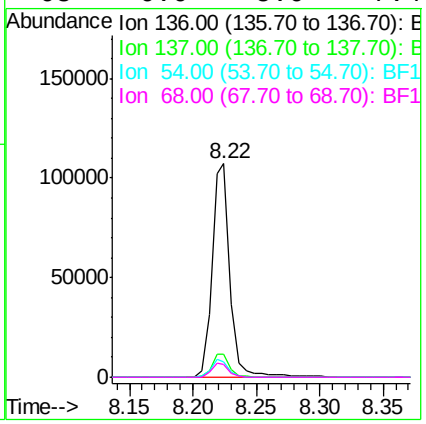


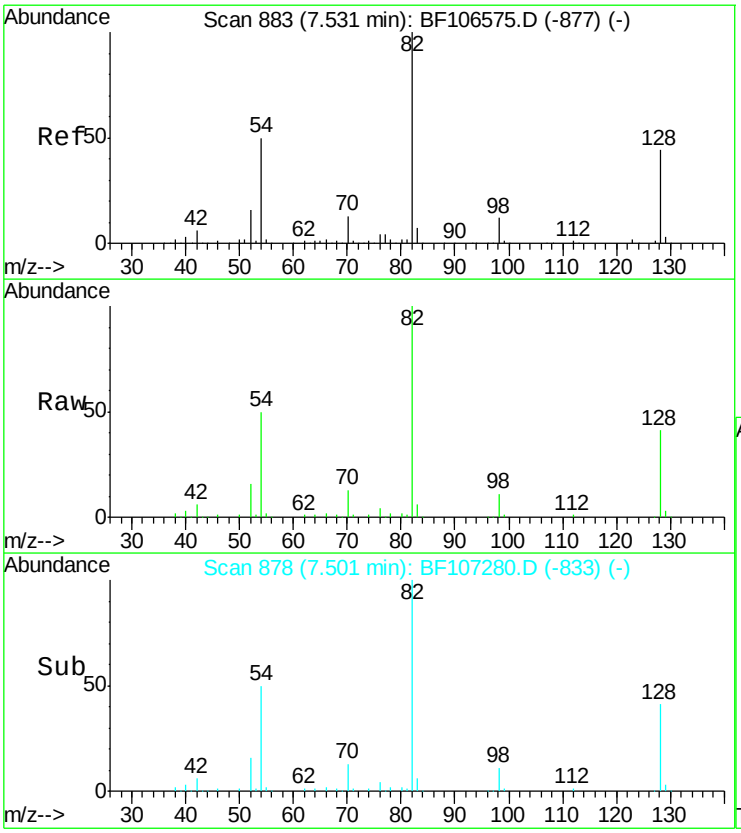
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:136 Resp: 106903

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.6	9.8
68	6.0	5.0	7.4

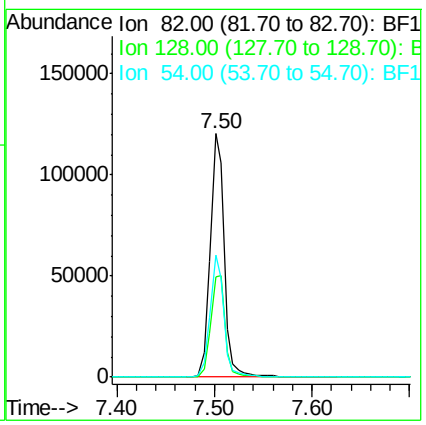


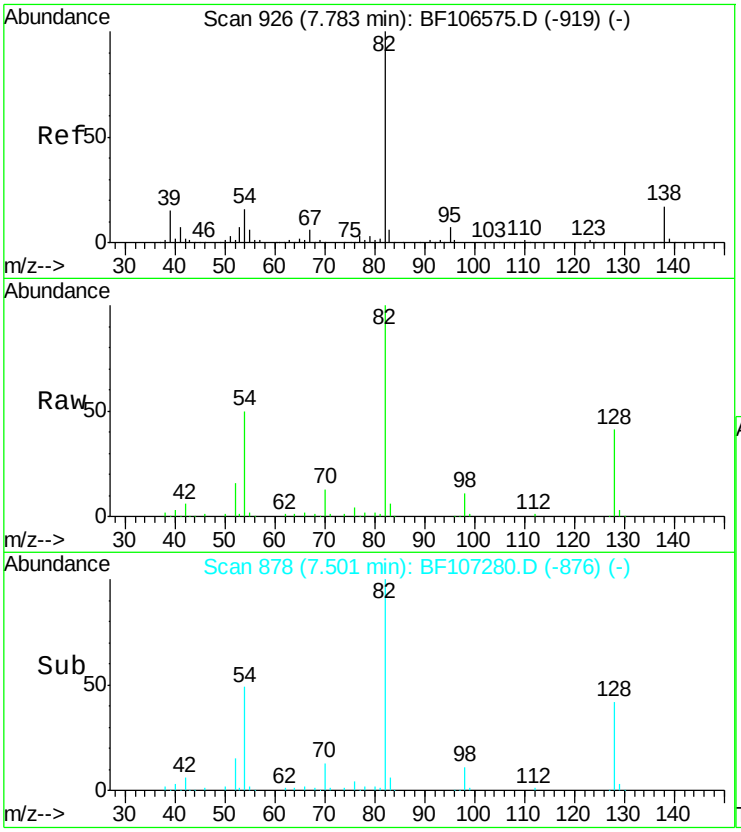


#23
Nitrobenzene-d5
Concen: 62.546 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion: 82 Resp: 120316

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	50.0	41.4	62.2



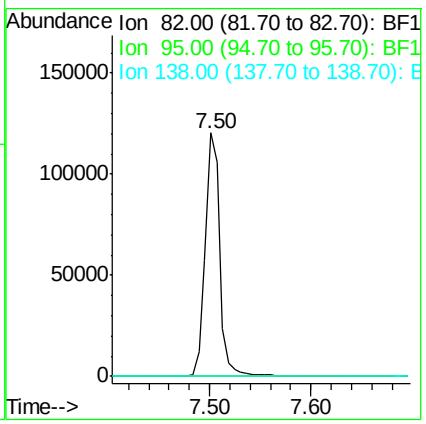


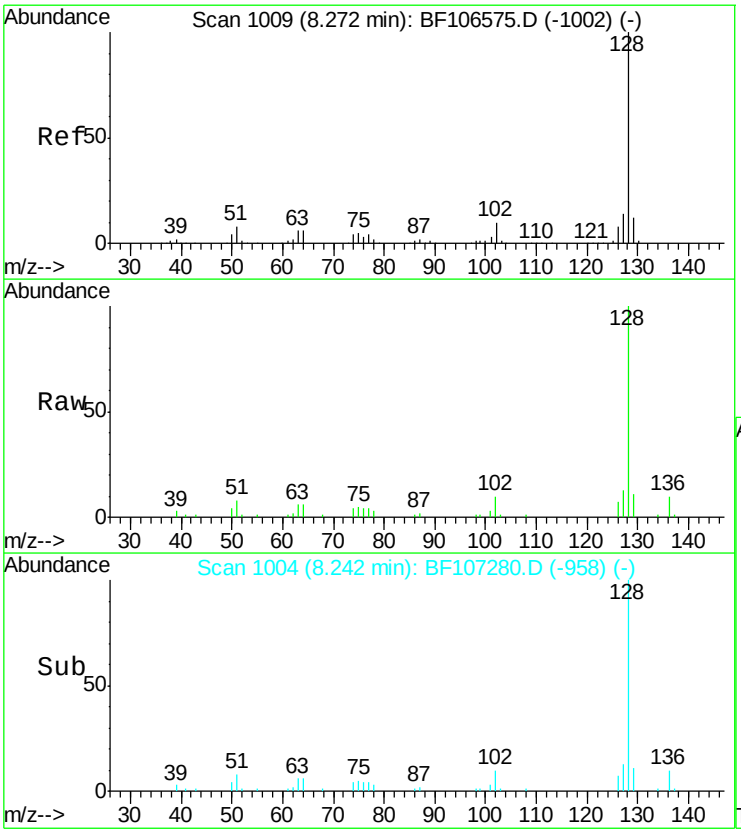
#25
Isophorone
Concen: 35.494 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion: 82 Resp: 120315

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

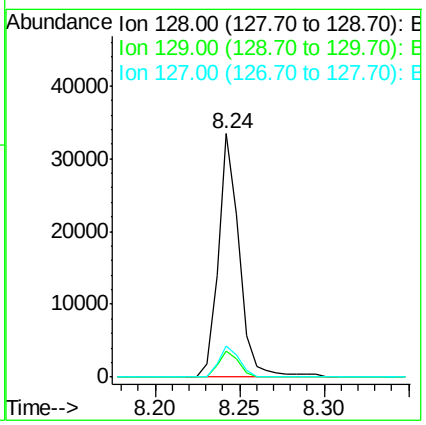


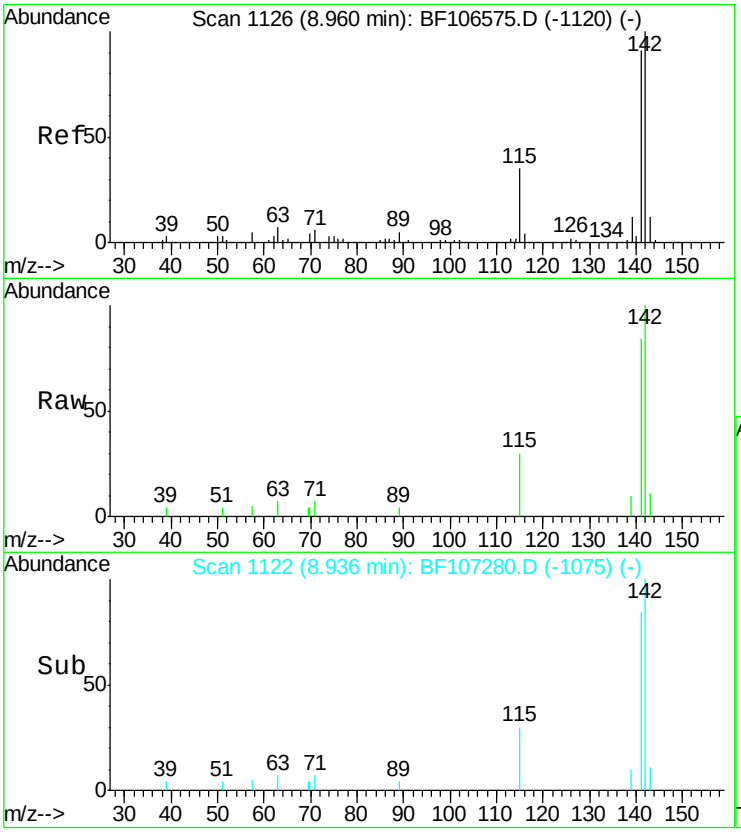


#31
Naphthalene
Concen: 5.782 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:128 Resp: 28900

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.9	16.3



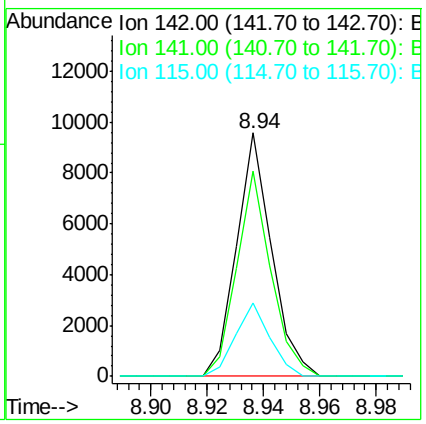


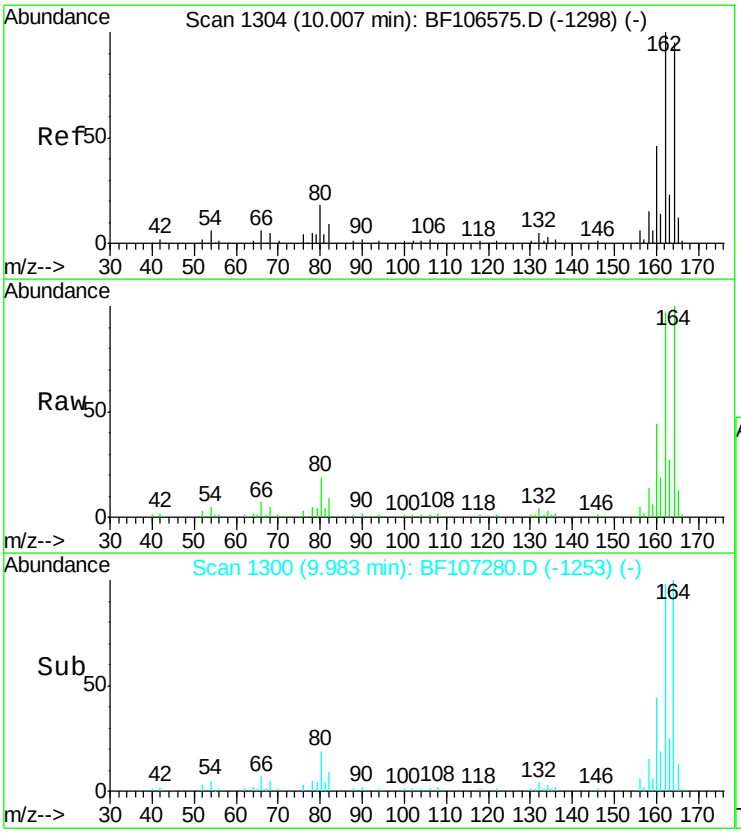
#37
2-Methylnaphthalene
Concen: 2.494 ng
RT: 8.94 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:142 Resp: 8261

Ion	Ratio	Lower	Upper
142	100		
141	84.1	70.8	106.2
115	30.0	26.1	39.1

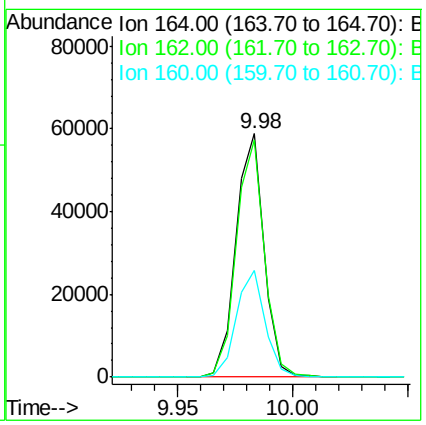


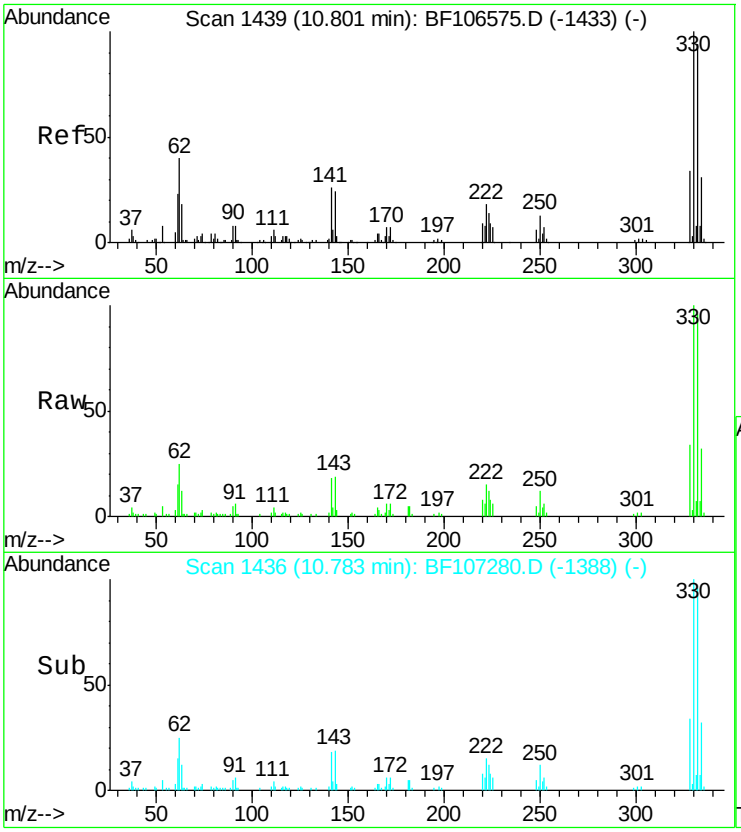


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:164 Resp: 50062

Ion	Ratio	Lower	Upper
164	100		
162	97.3	86.1	129.1
160	43.8	38.3	57.5



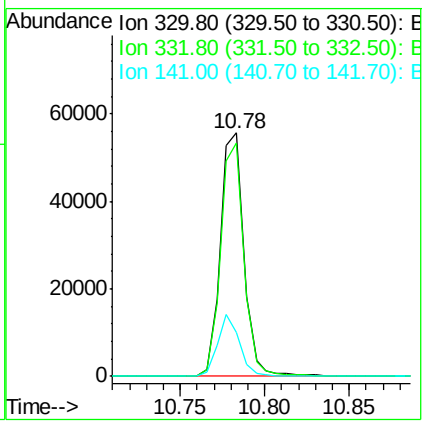


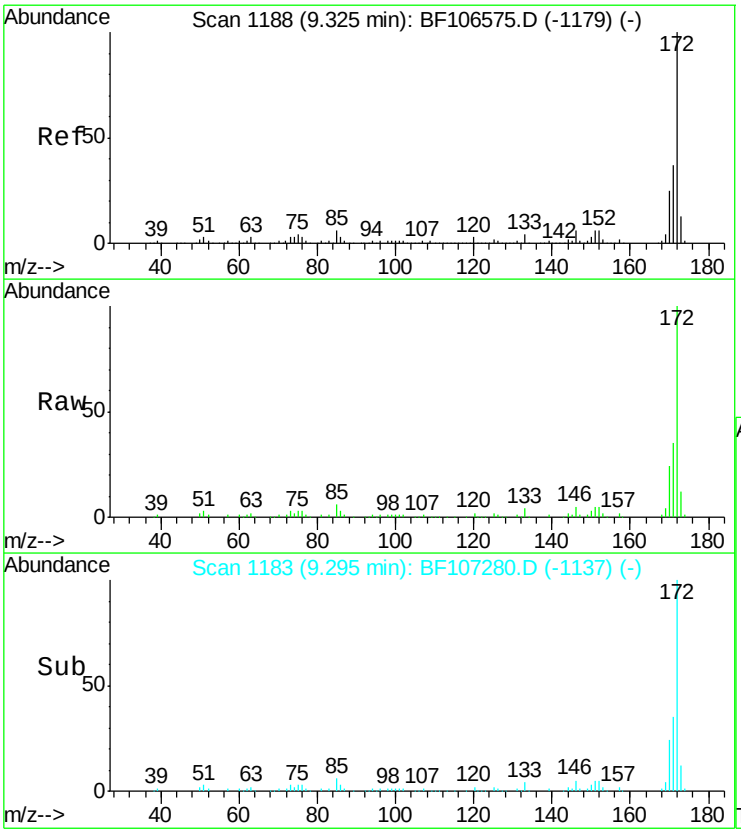
#41
2,4,6-Tribromophenol
Concen: 93.464 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:330 Resp: 54231

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	23.6	29.9	44.9#

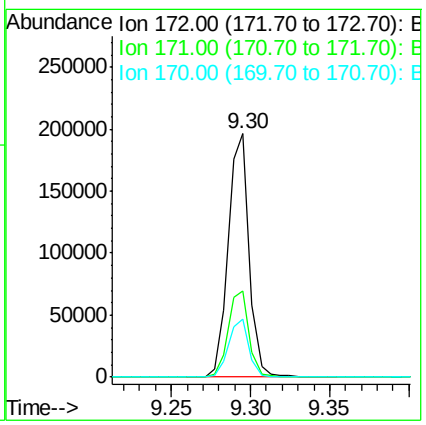


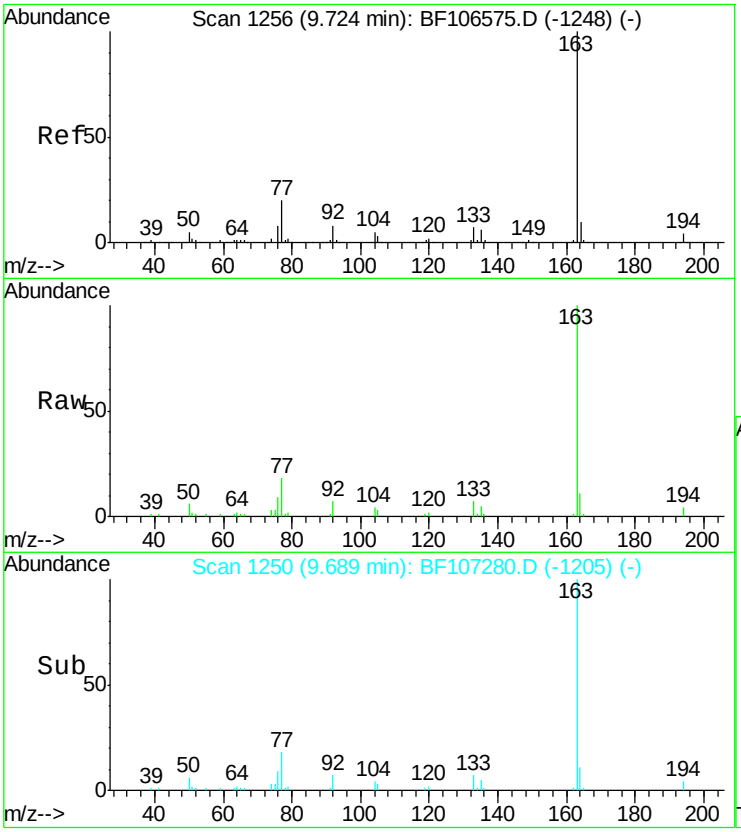


#44
2-Fluorobiphenyl
Concen: 55.428 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:172 Resp: 179116

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4



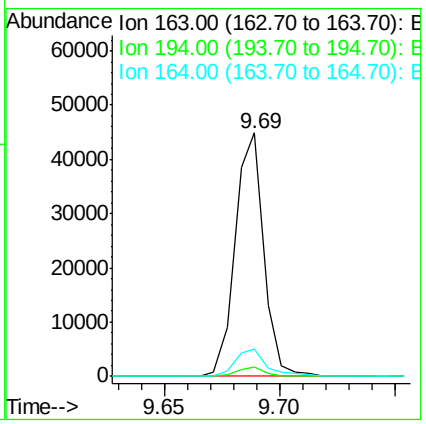


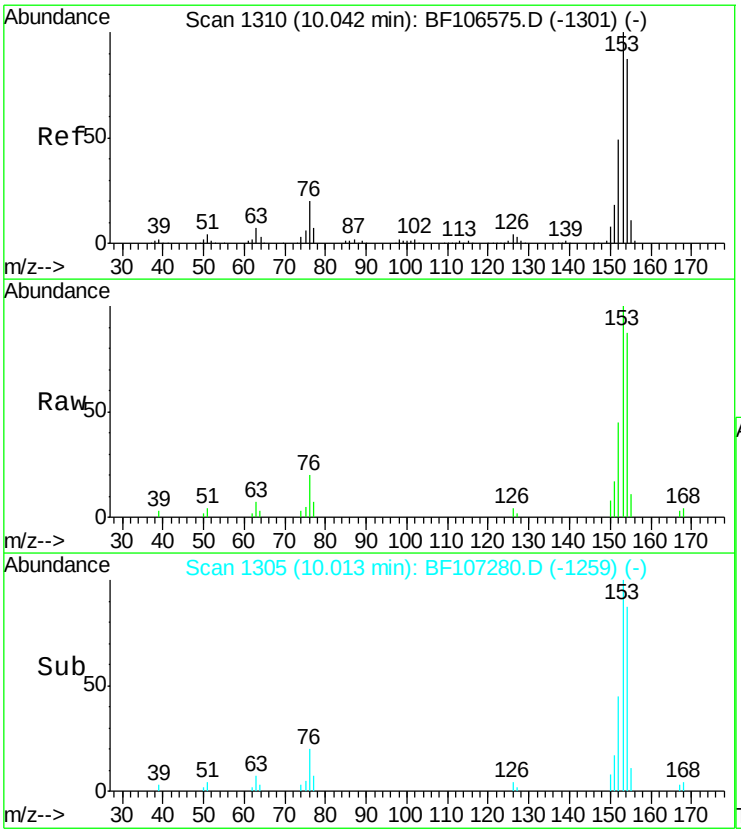
#49
Dimethylphthalate
Concen: 10.303 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:163 Resp: 38683

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.3	8.2	12.2

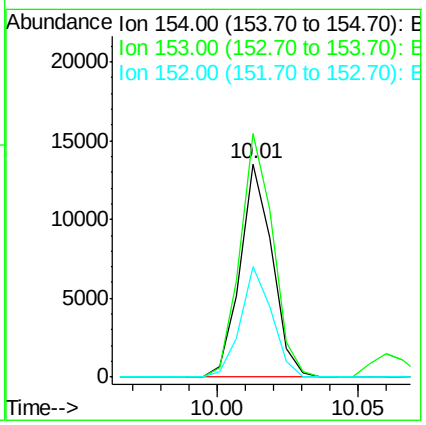


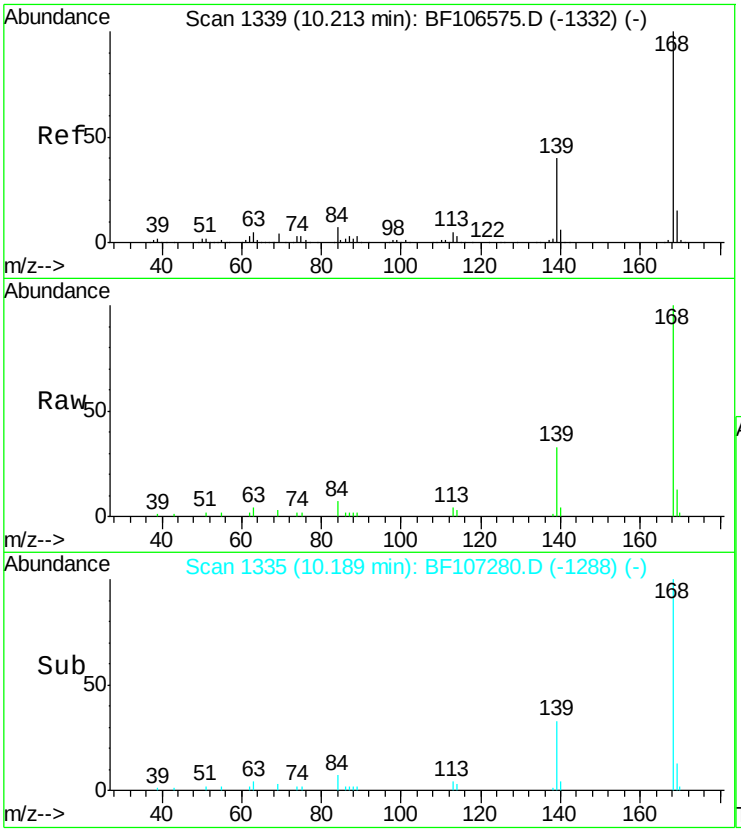


#51
Acenaphthene
Concen: 3.426 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:154 Resp: 10697

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	51.9	43.8	65.8



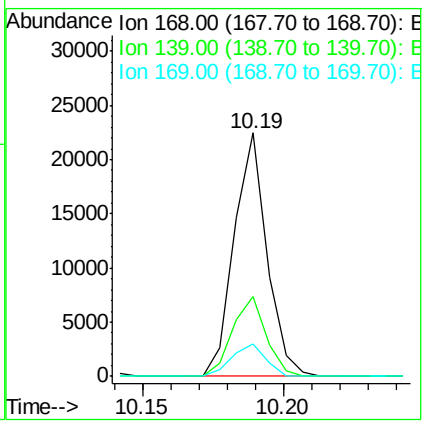


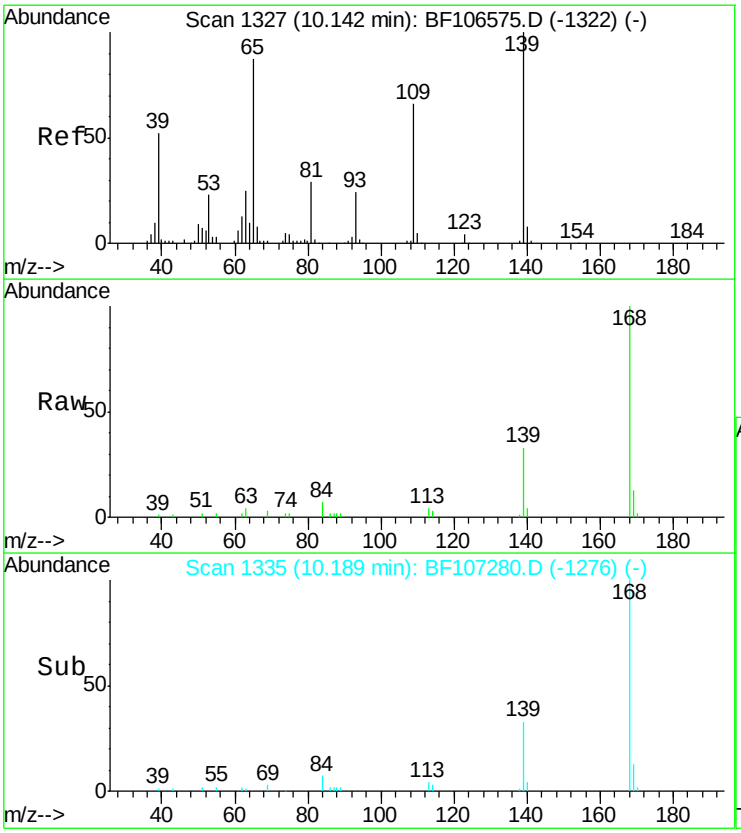
#54
Dibenzofuran
Concen: 4.220 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:168 Resp: 18043

Ion	Ratio	Lower	Upper
168	100		
139	32.7	30.1	45.1
169	13.2	10.9	16.3

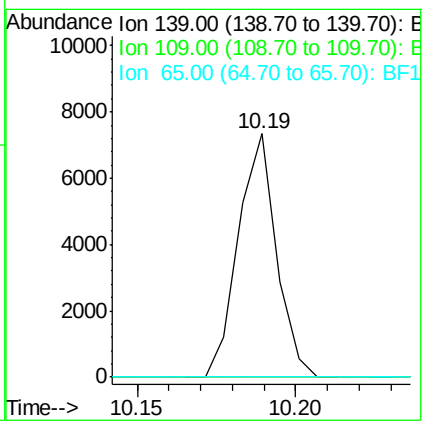


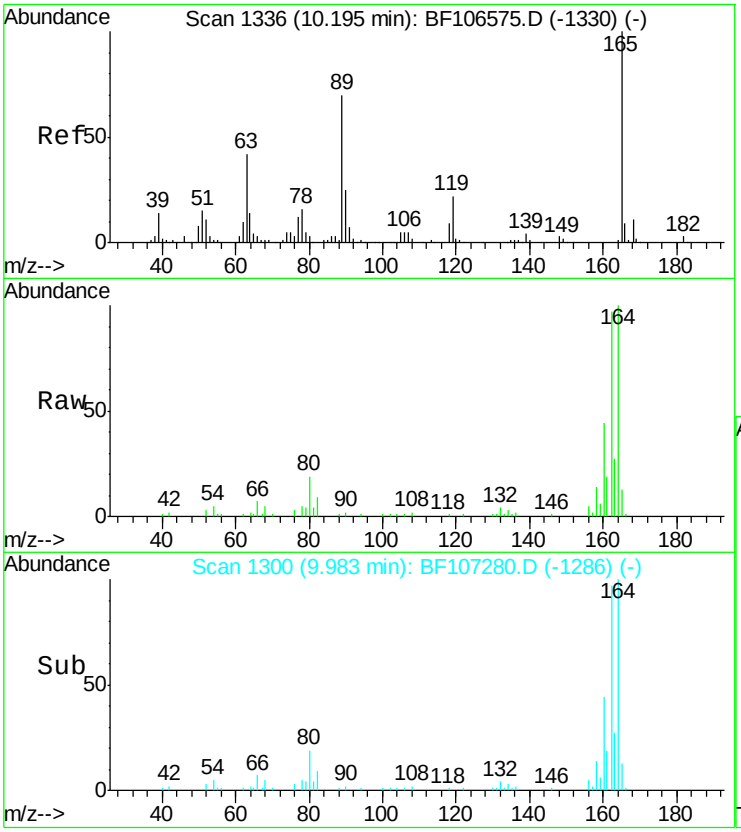


#55
4-Nitrophenol
Concen: 9.536 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:139 Resp: 6090

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



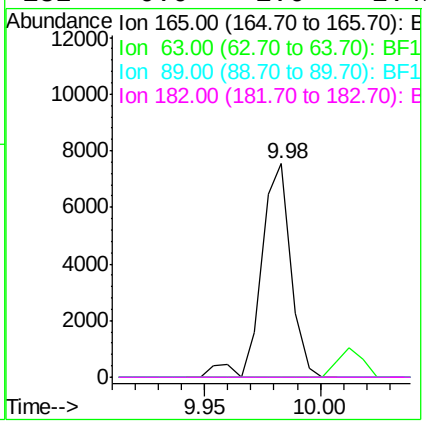


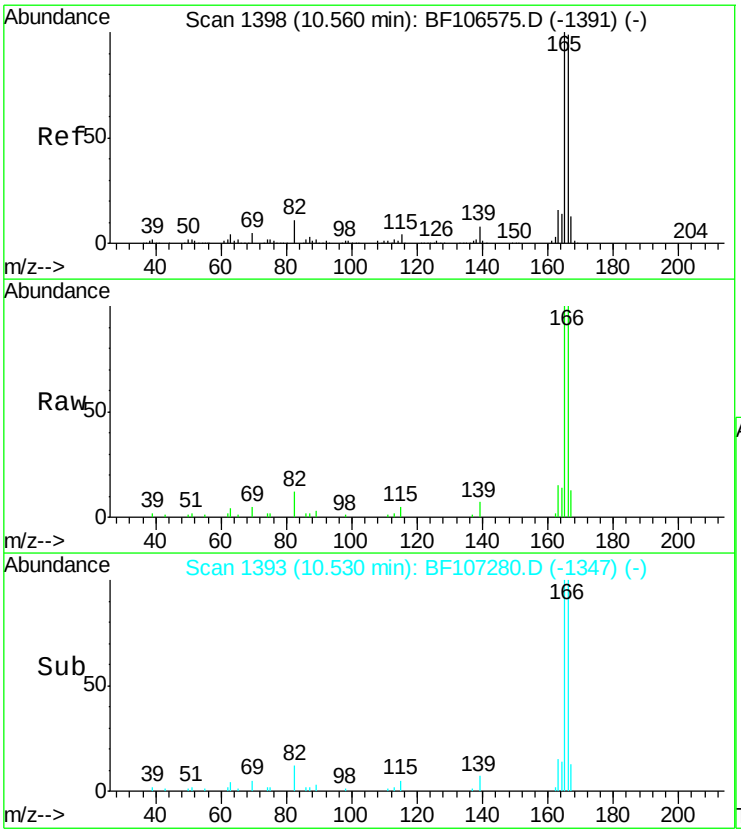
#56
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:165 Resp: 6722

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

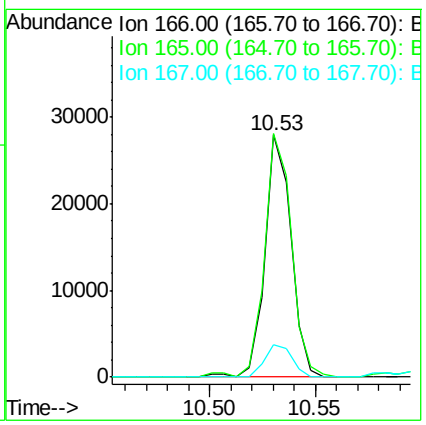


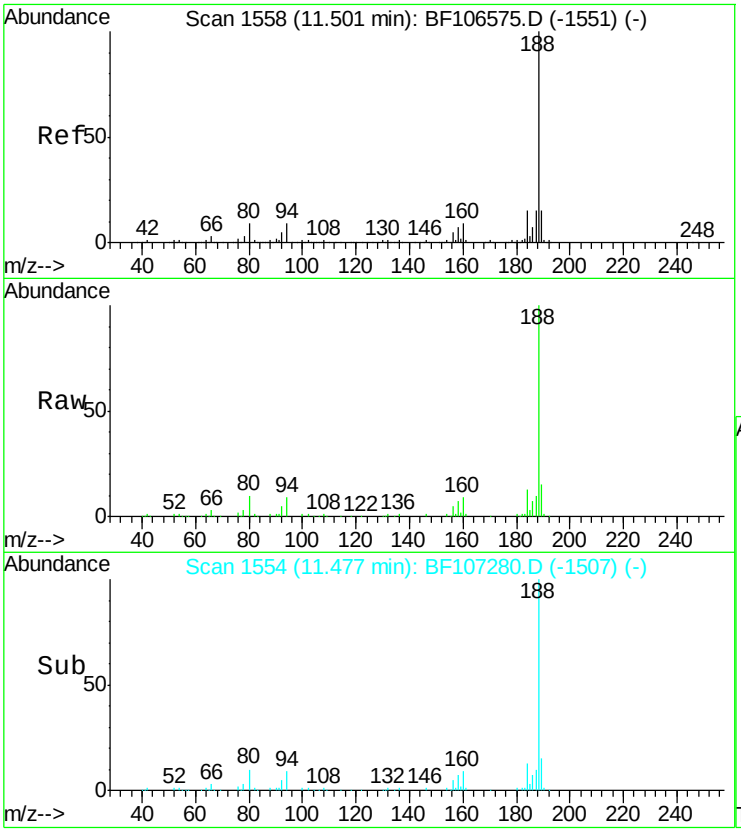


#57
Fluorene
Concen: 7.082 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:166 Resp: 24025

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	13.4	10.6	16.0



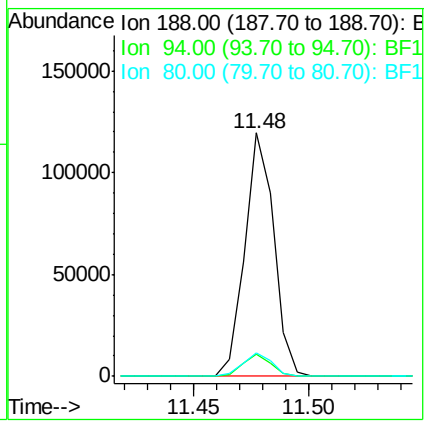


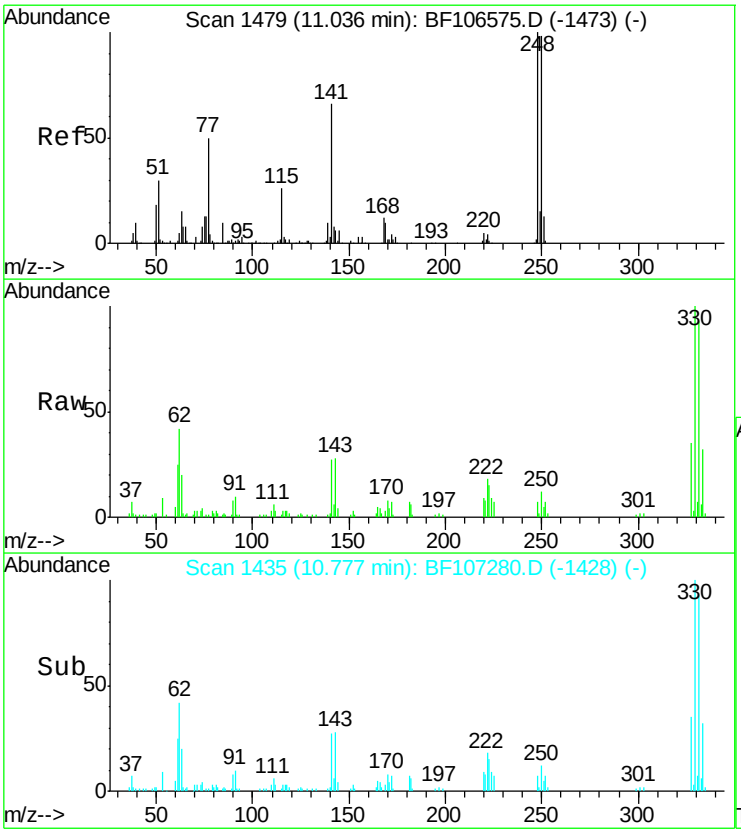
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:188 Resp: 105461

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.7	9.2	13.8

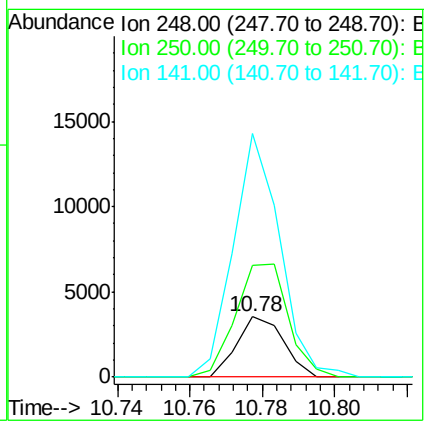


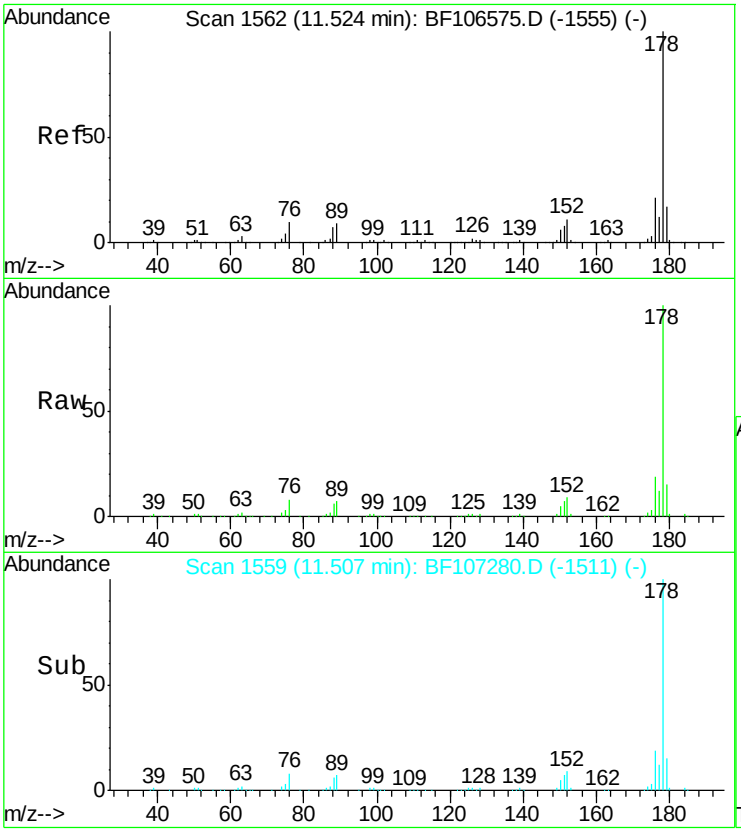


#66
4-Bromophenyl-phenylether
Concen: 2.518 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.26 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:248 Resp: 3169

Ion	Ratio	Lower	Upper
248	100		
250	185.3	76.9	115.3#
141	402.6	74.4	111.6#



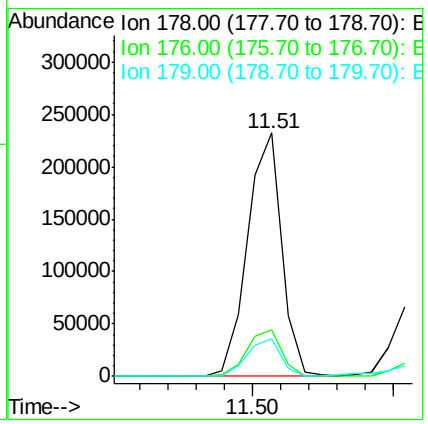


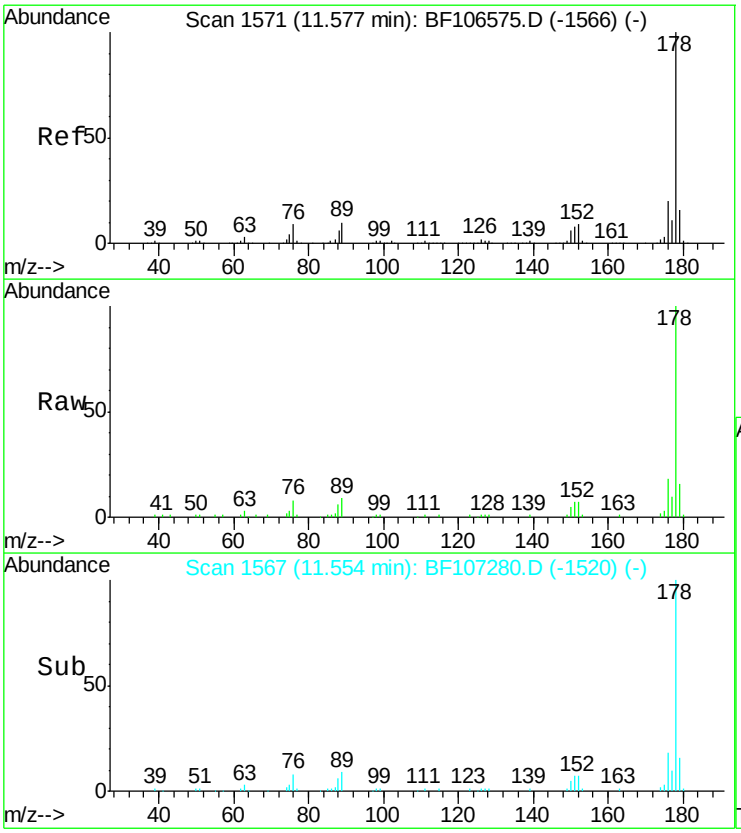
#70
Phenanthrene
Concen: 38.385 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:178 Resp: 195247

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	13.0	19.6

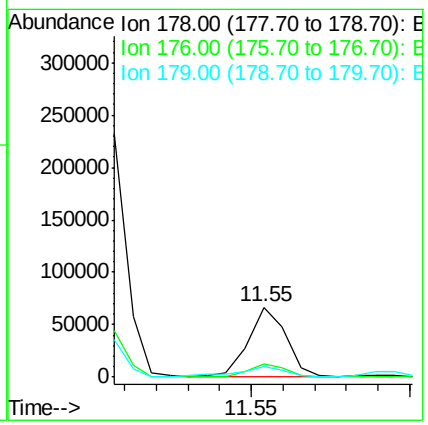


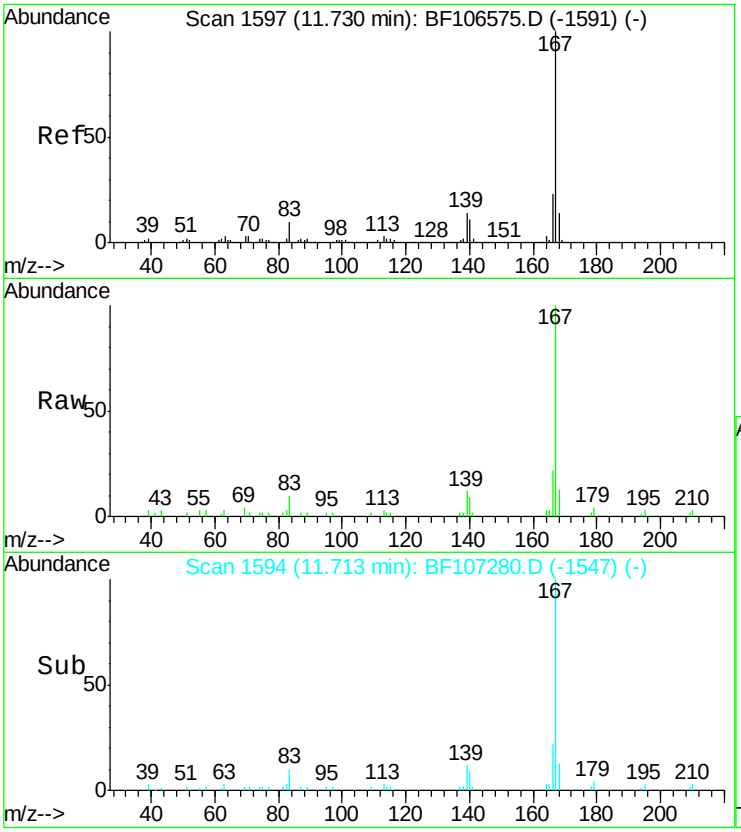


#71
Anthracene
Concen: 10.460 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:178 Resp: 54305

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.7	12.6	19.0



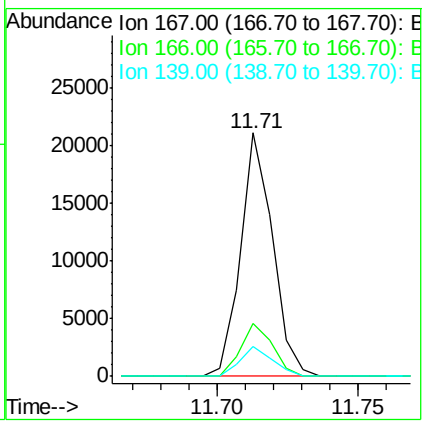


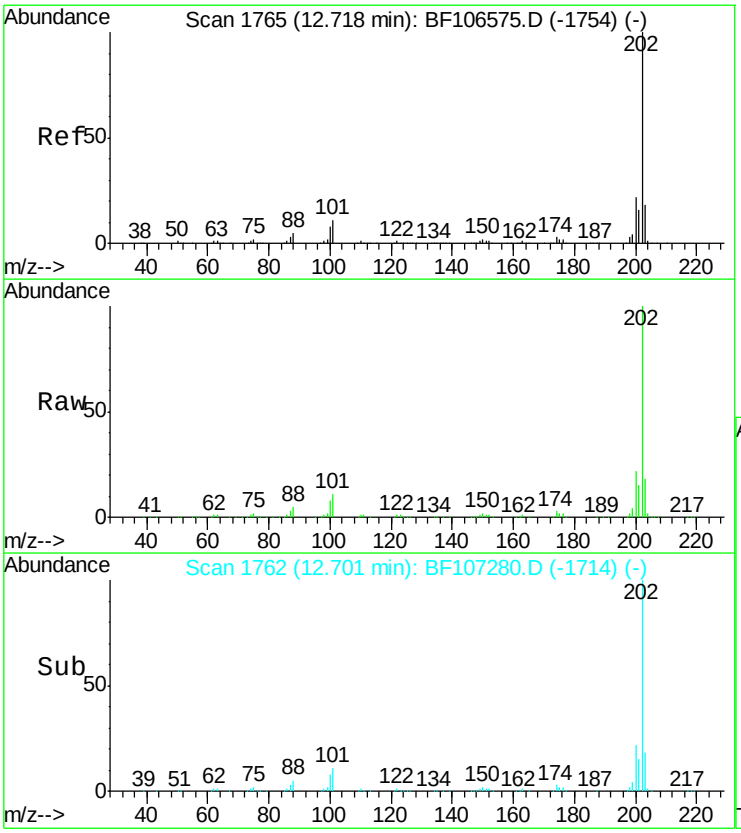
#72
Carbazole
Concen: 3.409 ng
RT: 11.71 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:167 Resp: 16573

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.4	10.9	16.3

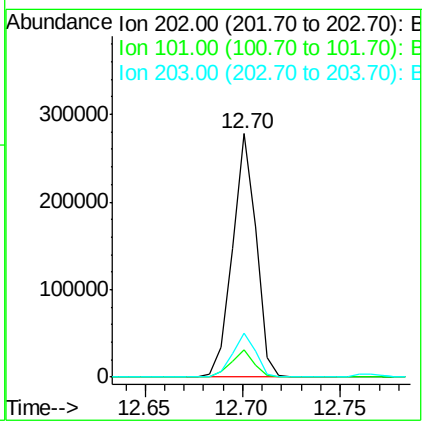


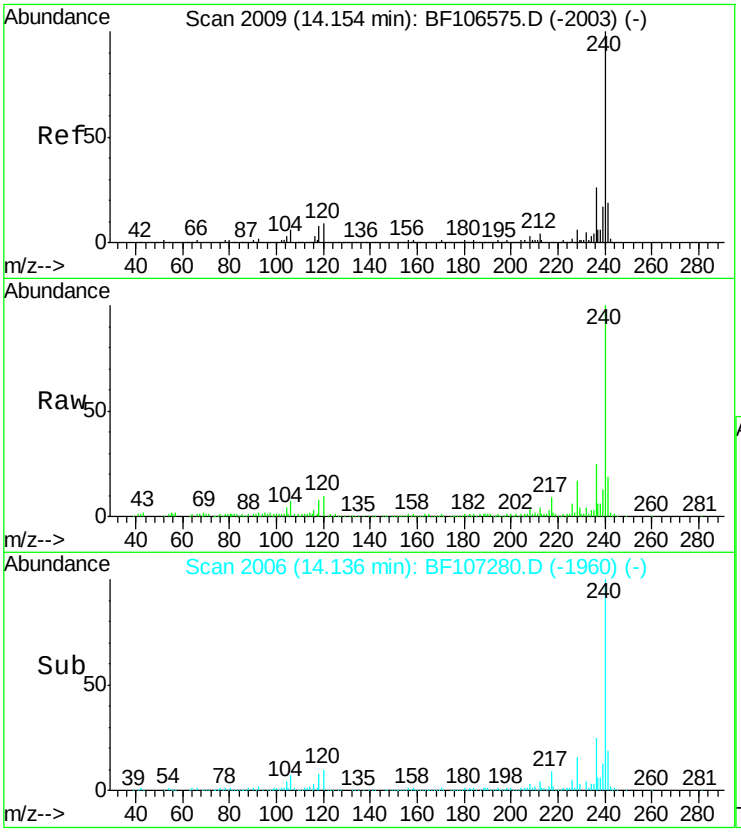


#74
Fluoranthene
Concen: 41.718 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:202 Resp: 233890

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.0	0.0	38.1



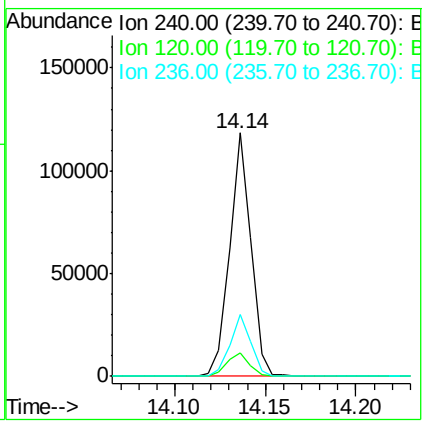


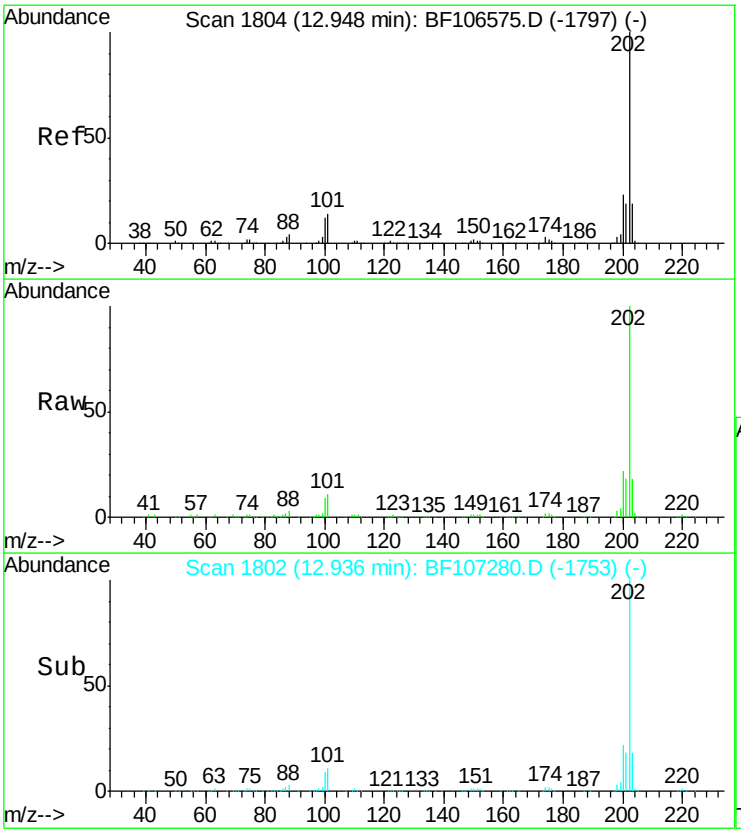
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:240 Resp: 97178

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.3	20.7	31.1

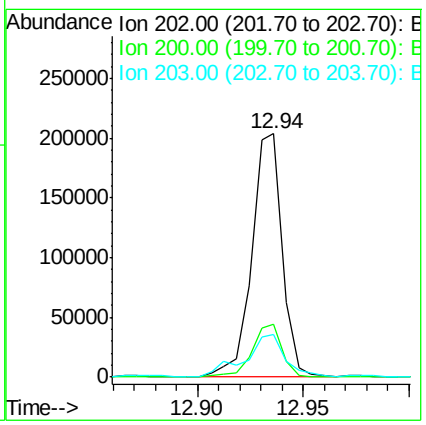


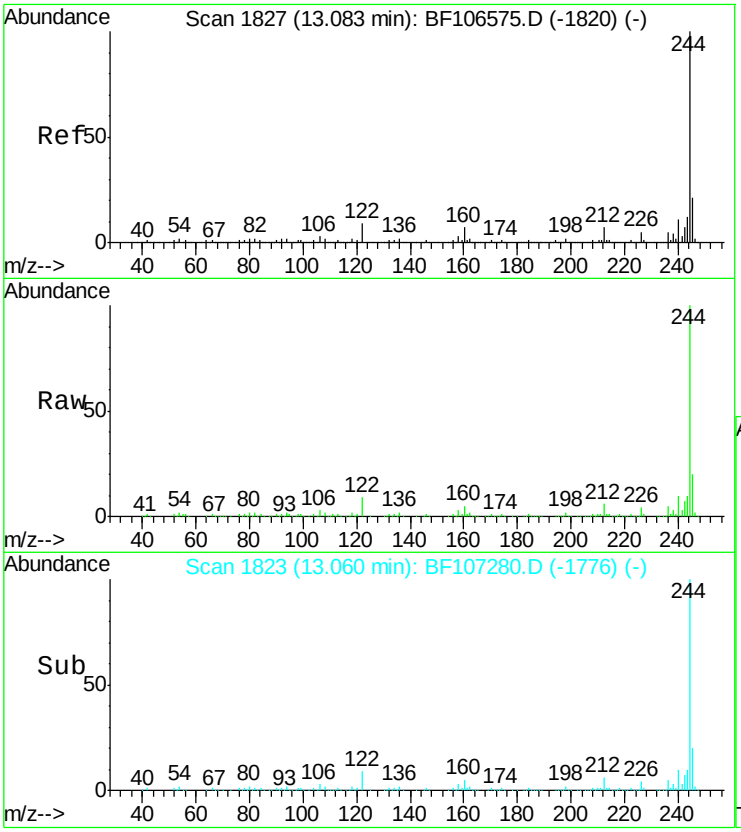


#77
Pyrene
Concen: 32.042 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:202 Resp: 205334

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5



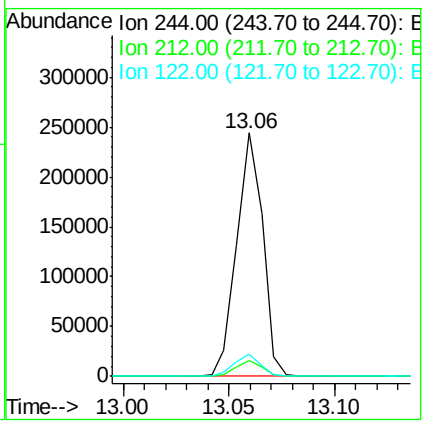


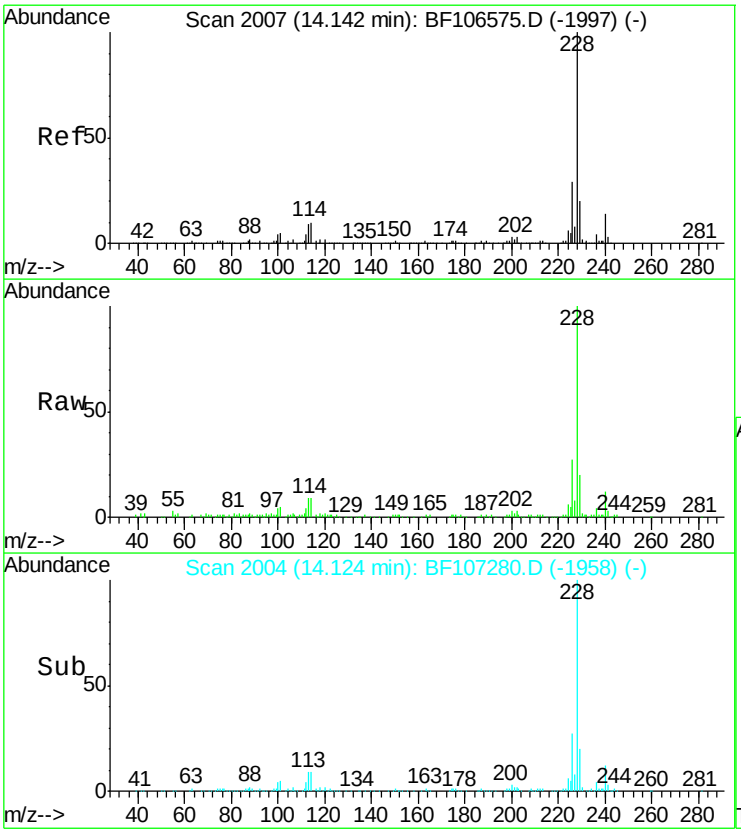
#78
Terphenyl-d14
Concen: 51.859 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:244 Resp: 208049

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.0	11.0	16.4#

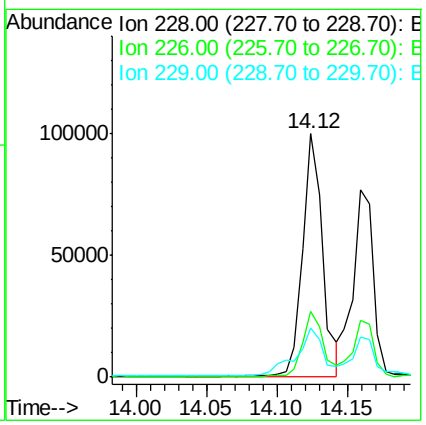


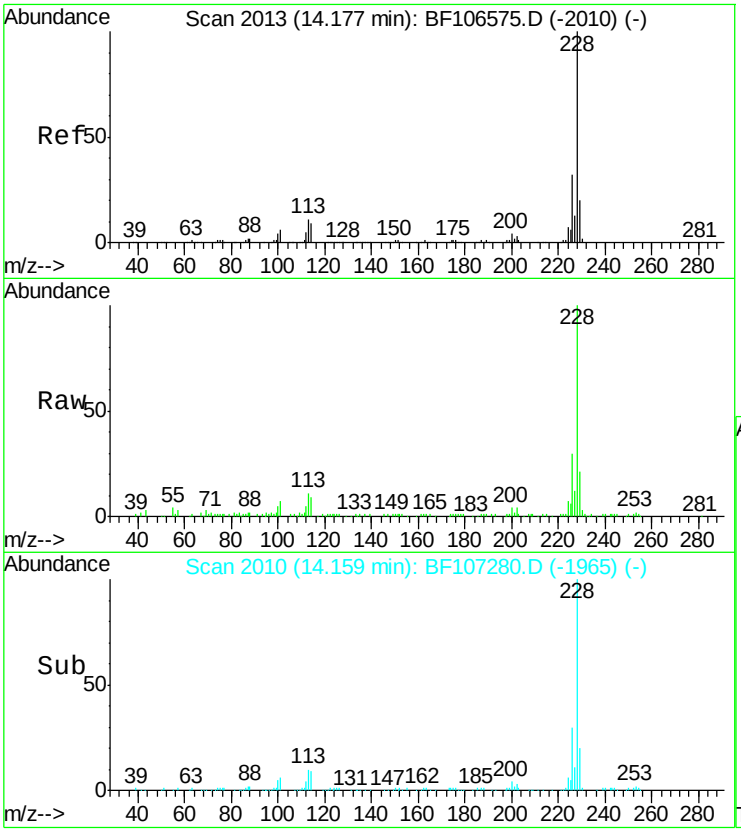


#80
Benzo(a)anthracene
Concen: 16.878 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:228 Resp: 99961

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	15.8	23.6



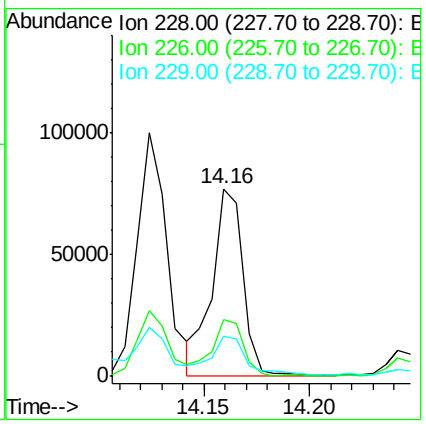


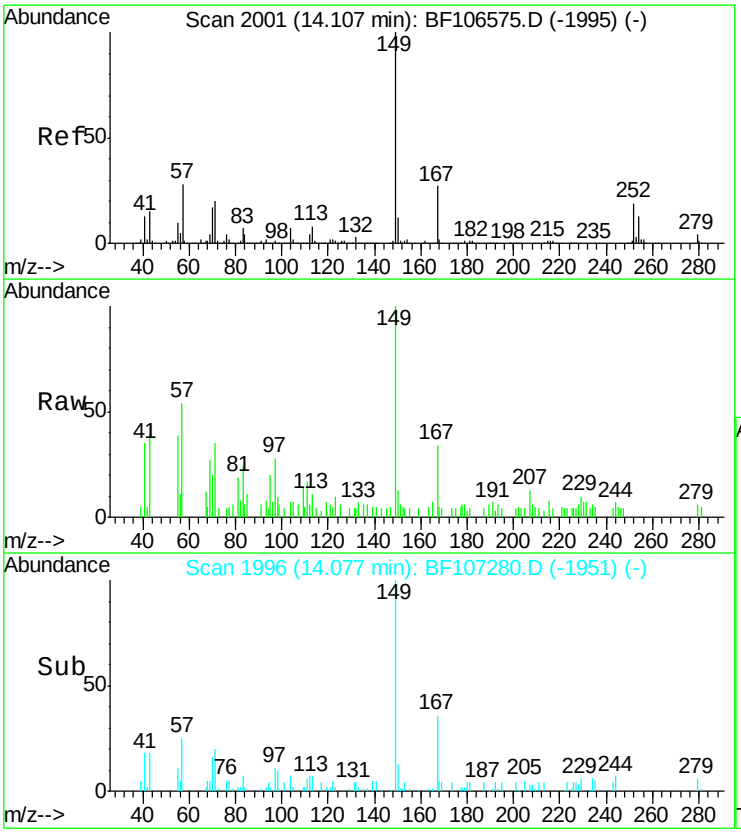
#82
Chrysene
Concen: 14.336 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:228 Resp: 78116

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.5	16.2	24.4

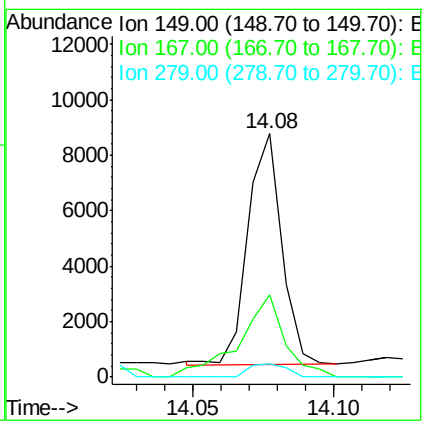


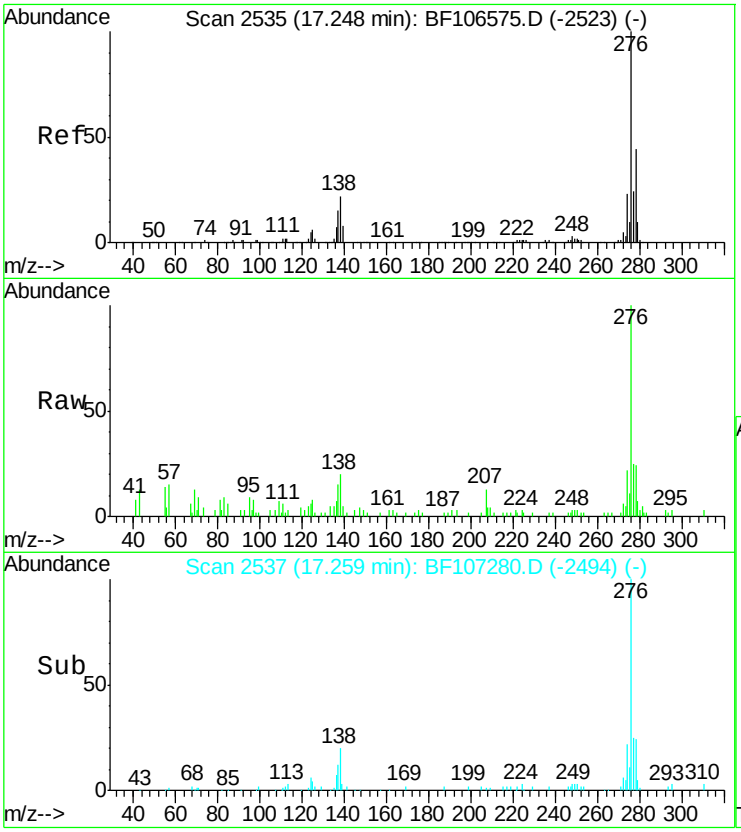


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.066 ng
RT: 14.08 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:149 Resp: 6959

Ion	Ratio	Lower	Upper
149	100		
167	34.1	21.3	31.9#
279	5.6	3.0	4.4#



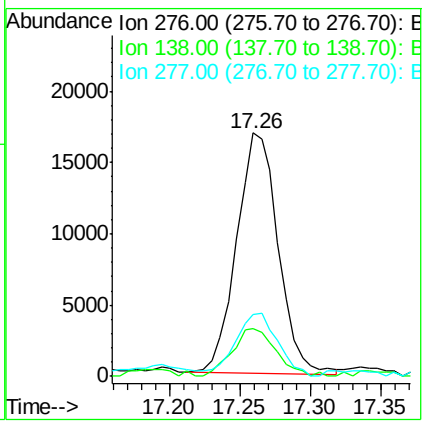


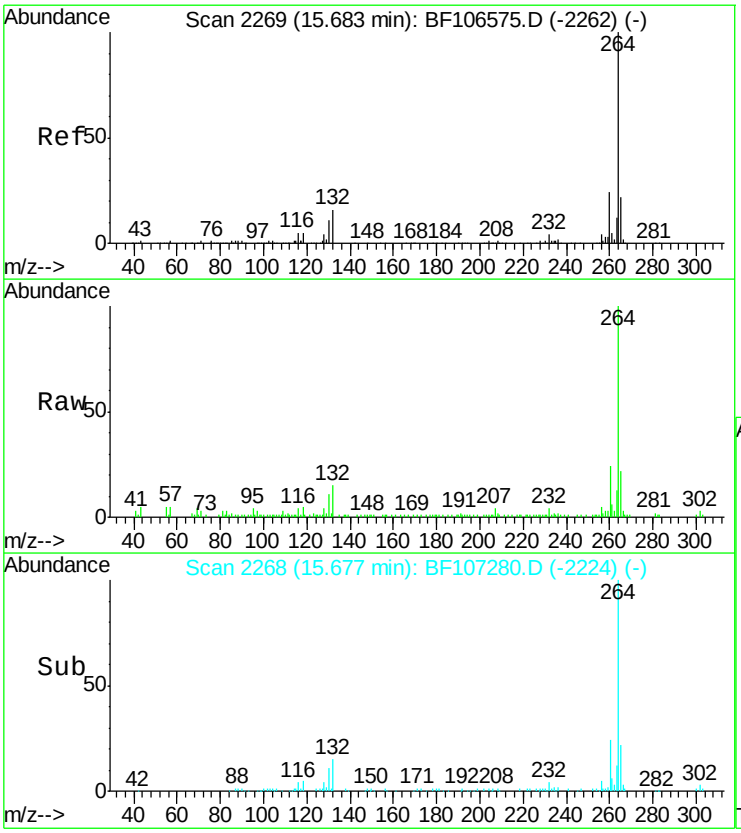
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.499 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:276 Resp: 34676

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	27.0	20.1	30.1

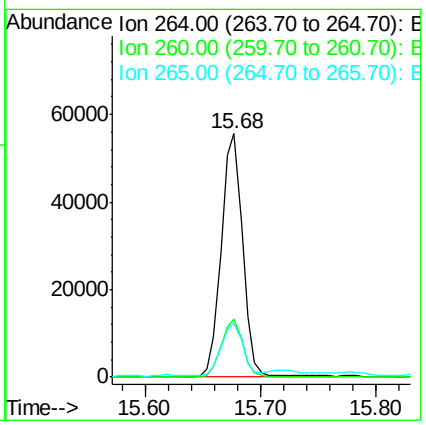


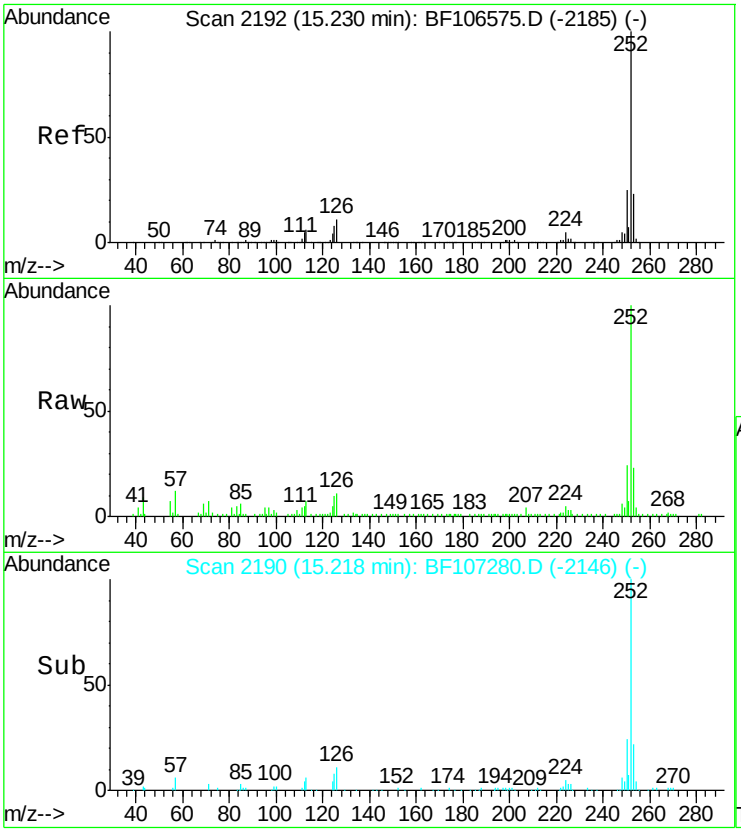


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:264 Resp: 71986

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	17.5	26.3



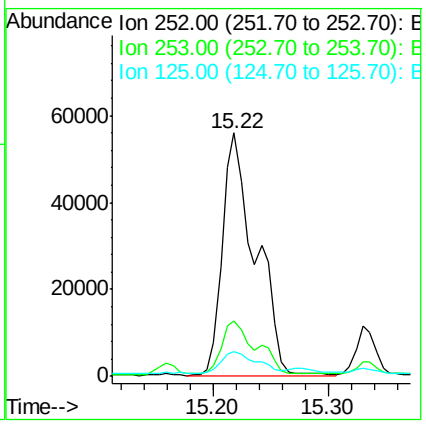


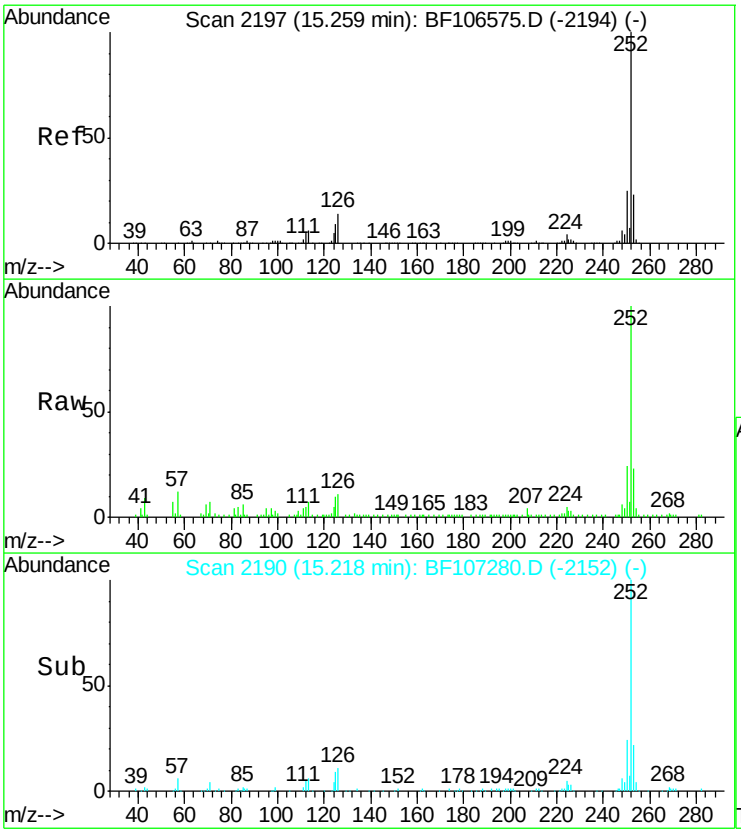
#87
Benzo(b)fluoranthene
Concen: 25.045 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:252 Resp: 111994

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.0	9.0	13.6

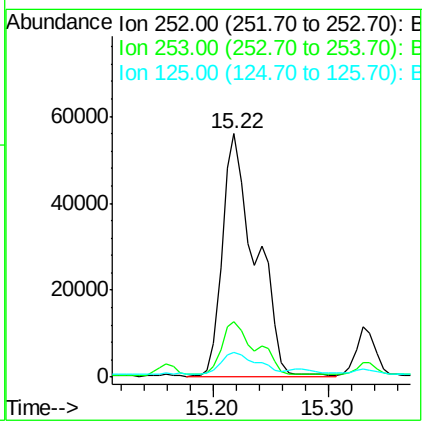


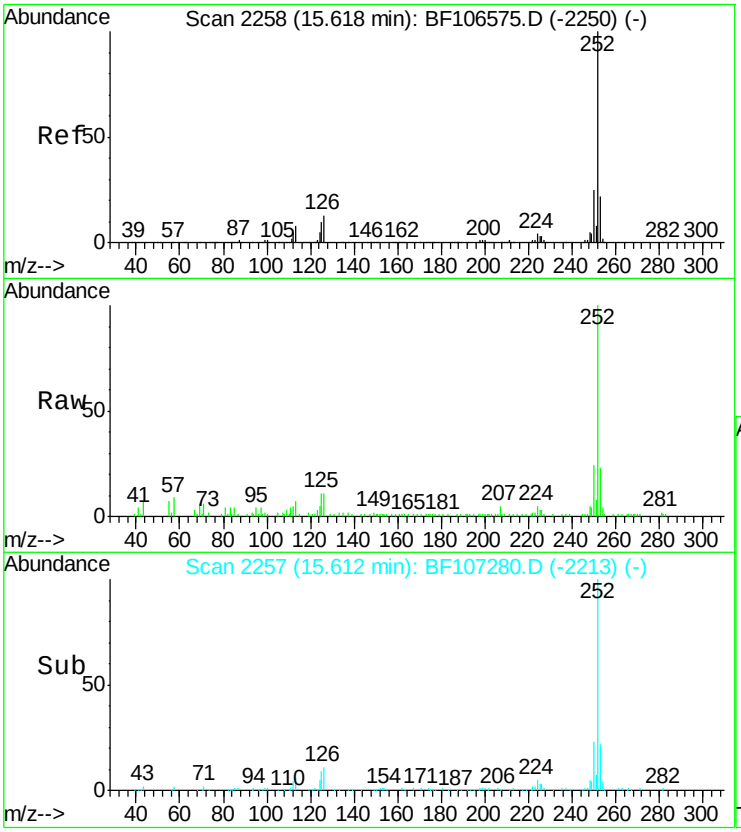


#88
Benzo(k)fluoranthene
Concen: 26.299 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:252 Resp: 111994

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.0	10.2	15.2#



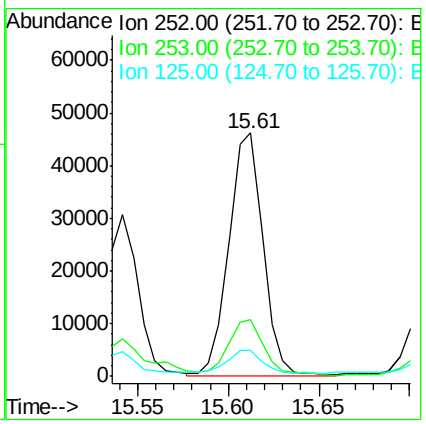


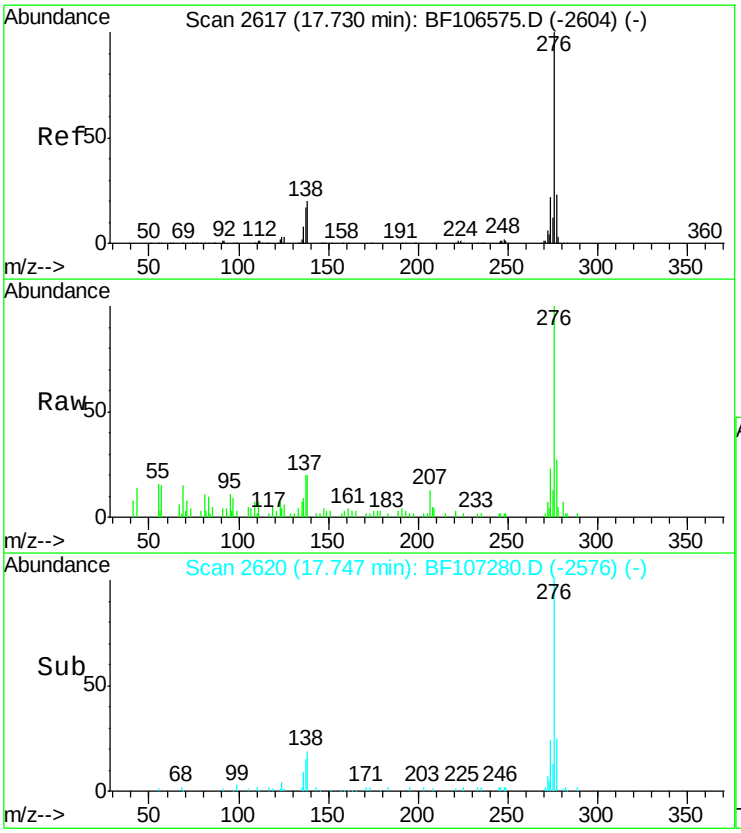
#89
Benzo(a)pyrene
Concen: 15.393 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:252 Resp: 61191

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	10.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 10.230 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:276 Resp: 33685

Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	20.3	21.8	32.8#