Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 10 15:44:47 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	28833	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	100429	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	47615	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	102113	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	101962	20.00	ng		-0.02
86) Perylene-d12	15.68	264	74693	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	167232	98.21	ng		-0.02
7) Phenol-d6	6.59	99	194960	91.69	ng		-0.02
23) Nitrobenzene-d5	7.51	82	113306	62.70	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	52629	95.36	ng		-0.02
44) 2-Fluorobiphenyl	9.29	172	171202	55.79	ng		-0.03
78) Terphenyl-d14	13.07	244	208412	49.51	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	14217	10.143	ng	#	74
20) 3+4-Methylphenols	7.38	107	579	Below Cal		#	63
25) Isophorone	7.51	82	113305	35.581	ng	#	64
31) Naphthalene	8.24	128	27005	5.751	ng		98
37) 2-Methylnaphthalene	8.94	142	7797	2.505	ng		95
49) Dimethylphthalate	9.69	163	36831	10.313	ng		97
51) Acenaphthene	10.02	154	9960	3.354	ng		99
54) Dibenzofuran	10.19	168	17642	4.339	ng		94
55) 4-Nitrophenol	10.19	139	5826	9.592	ng	#	9
56) 2,4-Dinitrotoluene	9.98	165	6398	6.482	ng	#	21
57) Fluorene	10.54	166	23095	7.157	ng		100
66) 4-Bromophenyl-phenylether	10.78	248	3258	2.673	ng	#	1
70) Phenanthrene	11.51	178	192854	39.157	ng		99
71) Anthracene	11.56	178	52573	10.458	ng		98
72) Carbazole	11.72	167	15941	3.387	ng		94
74) Fluoranthene	12.71	202	233539	43.021	ng		94
77) Pyrene	12.94	202	208697	31.039	ng		100
80) Benzo(a)anthracene	14.13	228	106560	17.148	ng		99
82) Chrysene	14.17	228	80662	14.109	ng		97
83) Bis(2-ethylhexyl)phthalate	14.08	149	7437	2.104	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.27	276	34483	7.107	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	113911	24.550	ng		97
88) Benzo(k)fluoranthene	15.22	252	113875	25.772	ng		97
89) Benzo(a)pyrene	15.62	252	63713	15.446	ng		96
90) Dibenzo(a,h)anthracene	17.28	278	10999	3.146	ng	#	92
91) Benzo(g,h,i)perylene	17.76	276	34510	10.100	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107272.D
Acq On : 10 Jul 2018 15:02
Operator : JU/SJ
Sample : J3891-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 10 15:44:47 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
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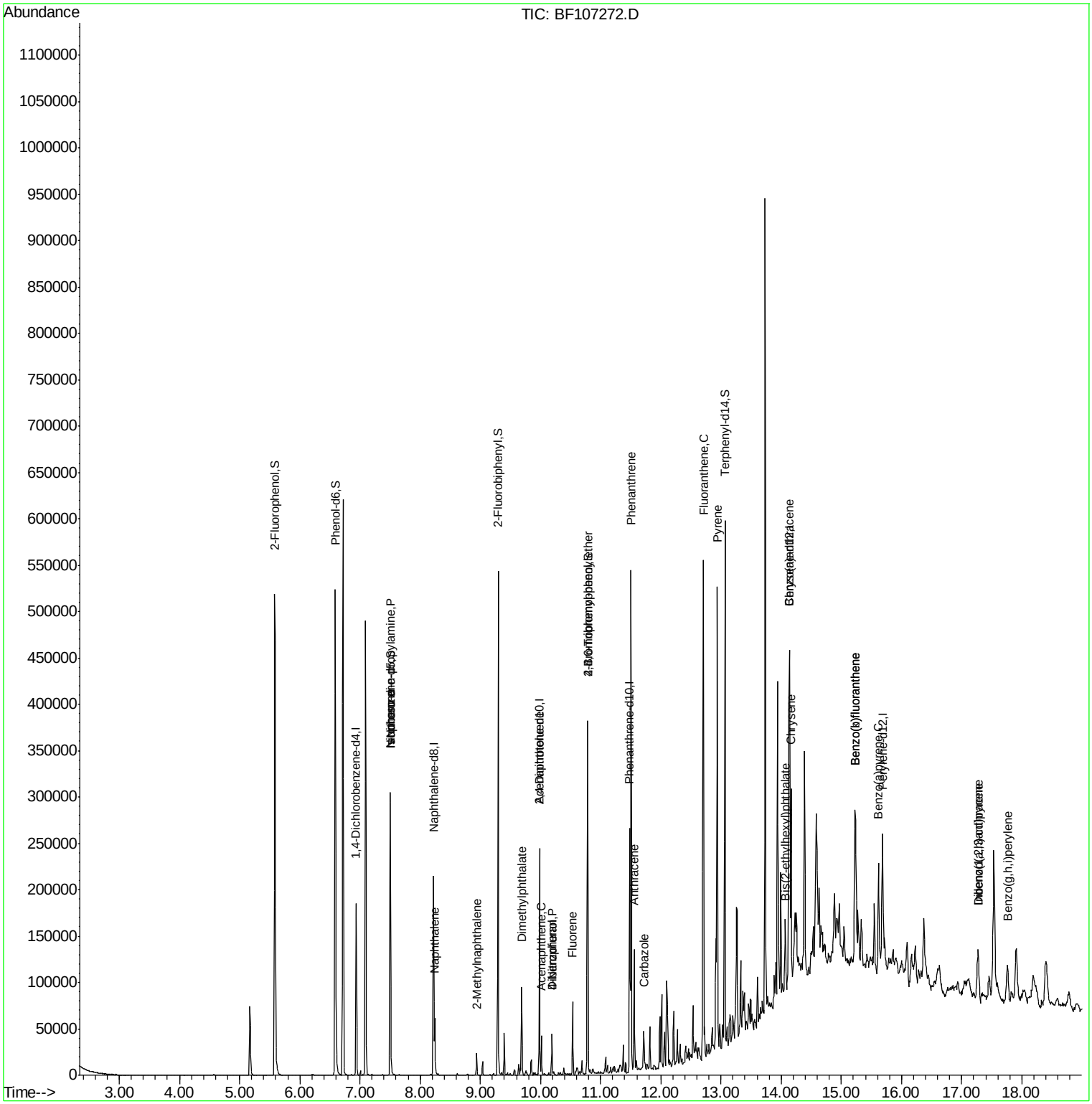
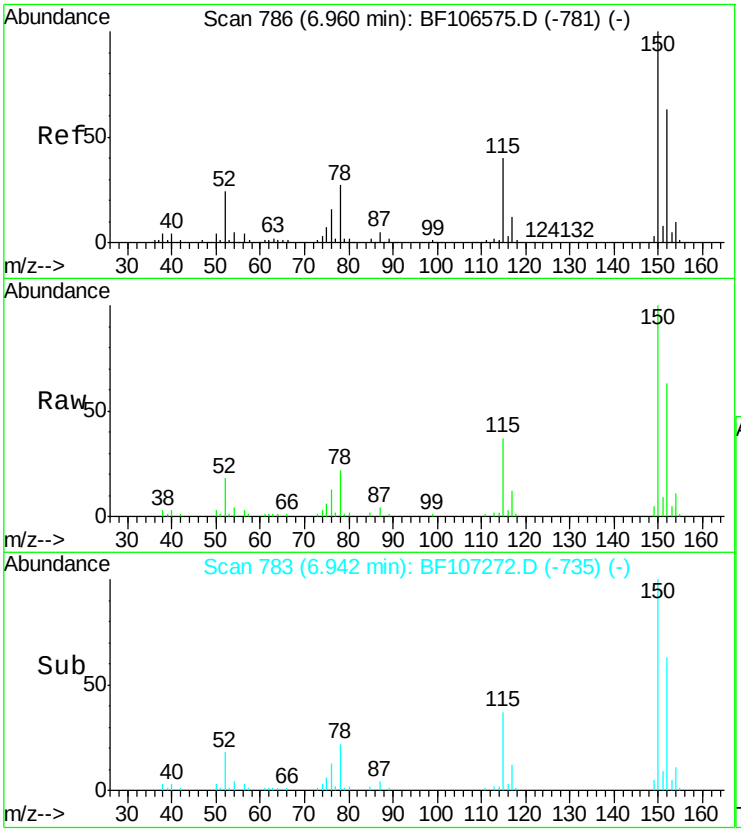


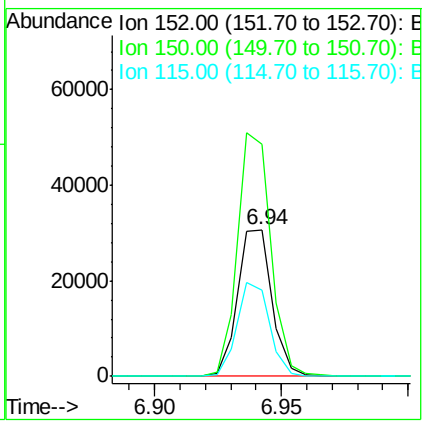


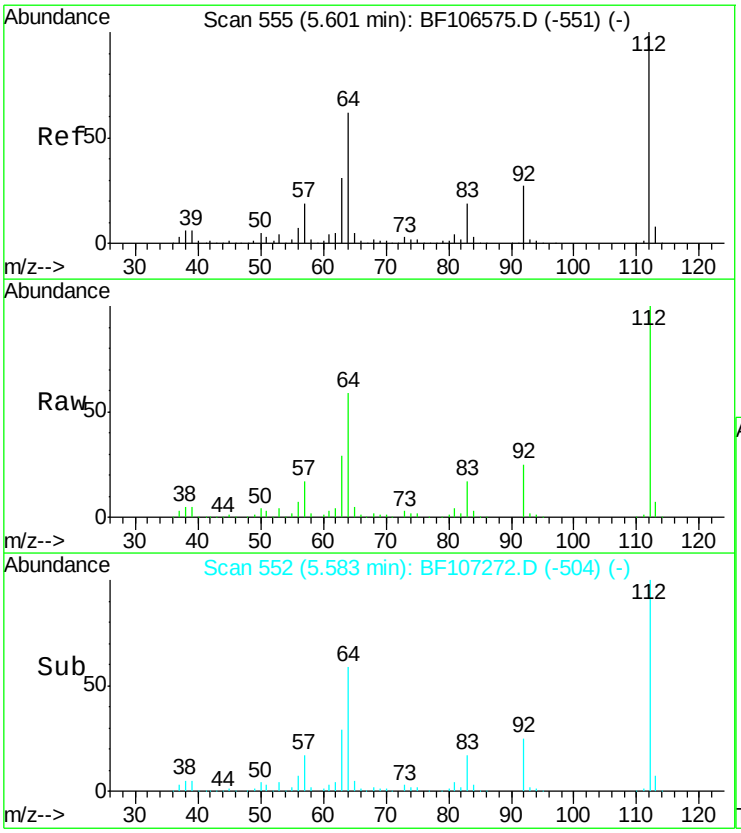
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:152 Resp: 28833

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	58.5	50.1	75.1

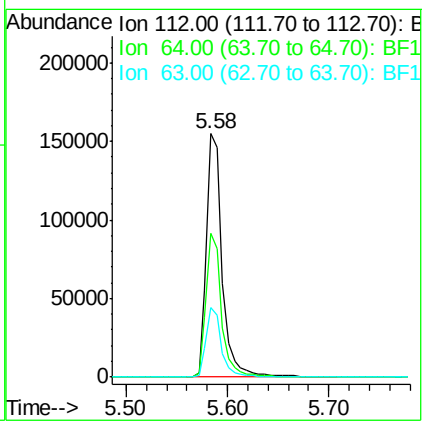


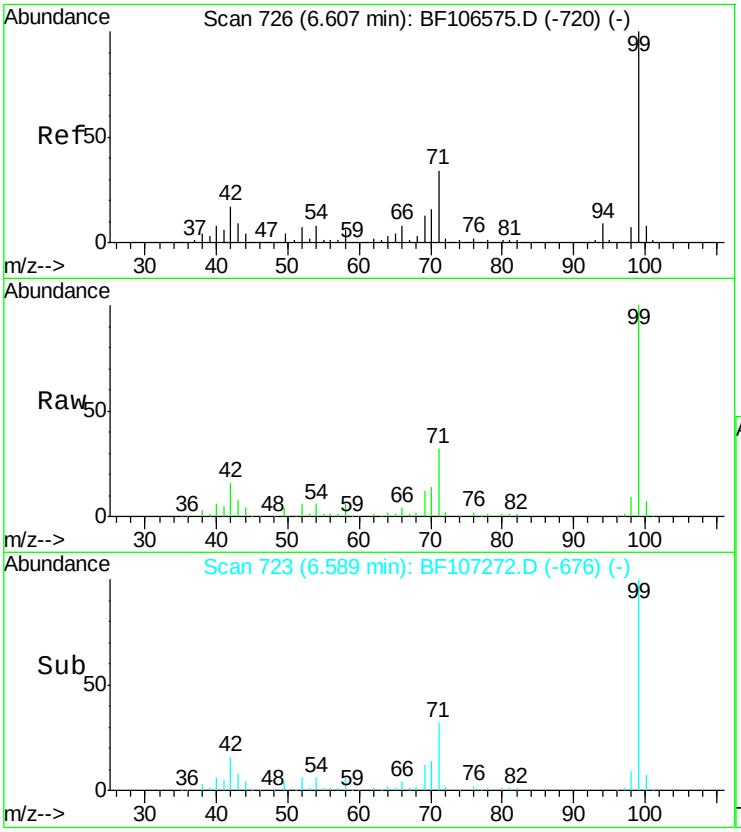


#5
2-Fluorophenol
Concen: 98.213 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:112 Resp: 167232

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	28.6	23.7	35.5



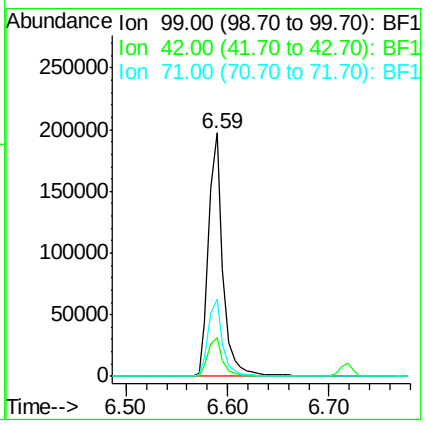


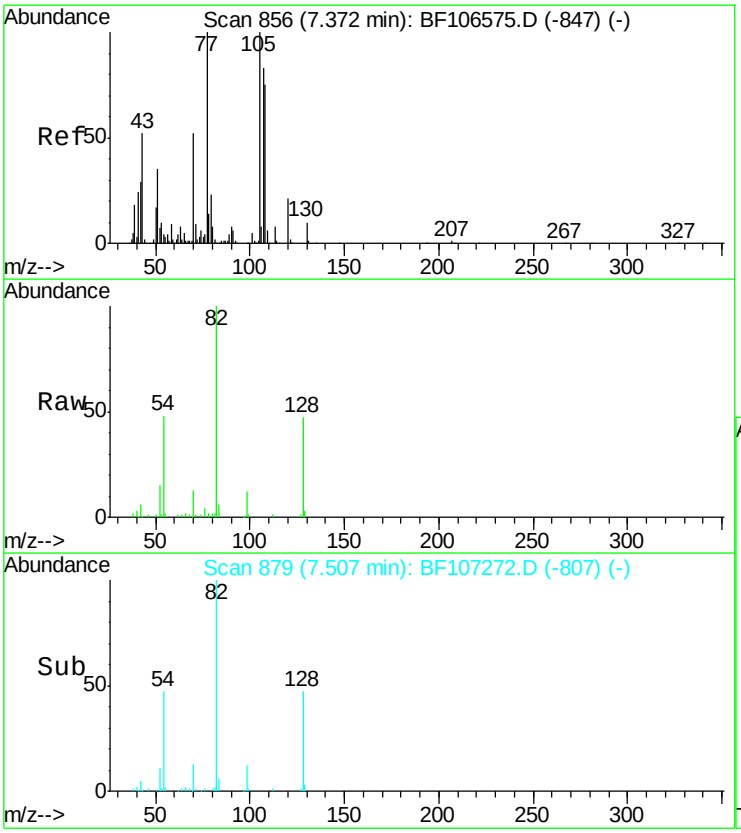
#7
Phenol-d6
Concen: 91.685 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion: 99 Resp: 194960

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	31.8	25.4	38.0

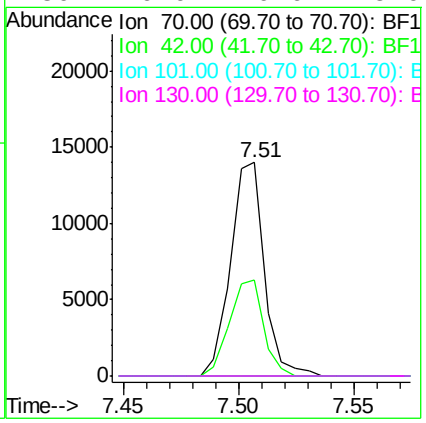


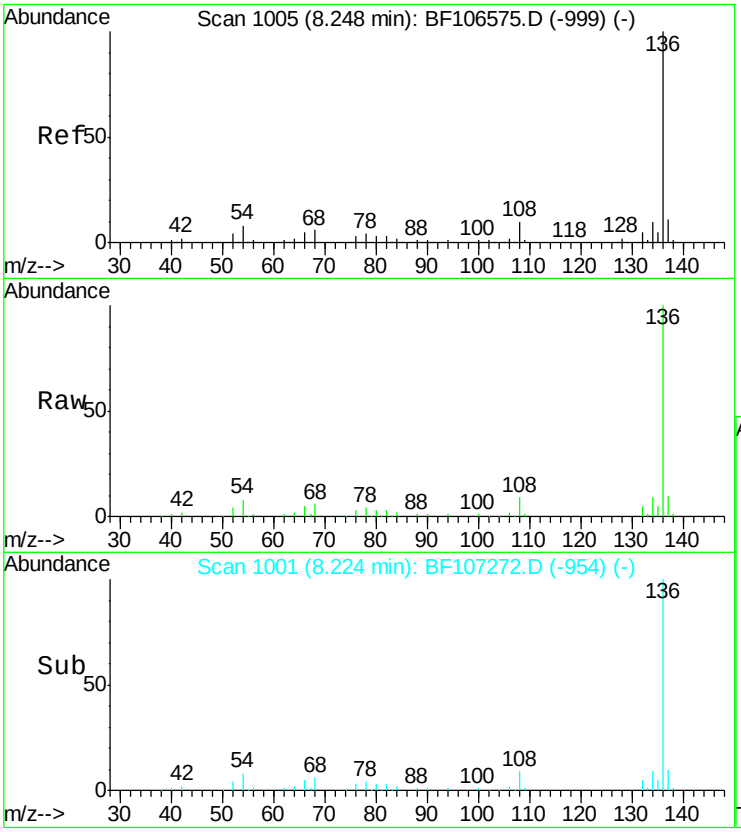


#19
n-Nitroso-di-n-propylamine
Concen: 10.143 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion: 70 Resp: 14217

Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



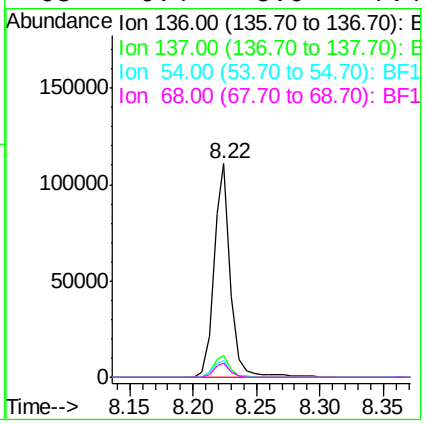


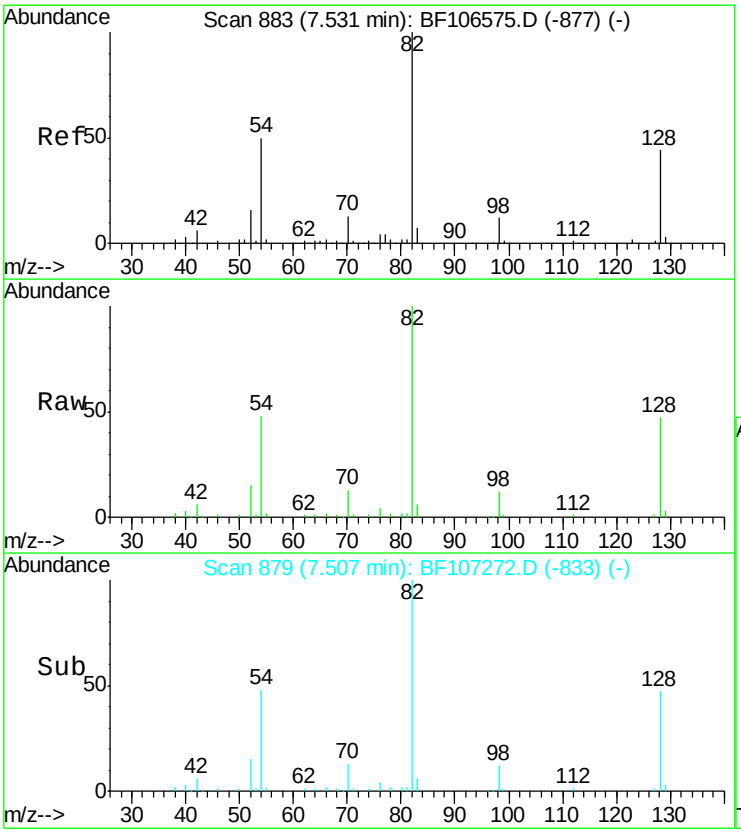
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:136 Resp: 100429

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4

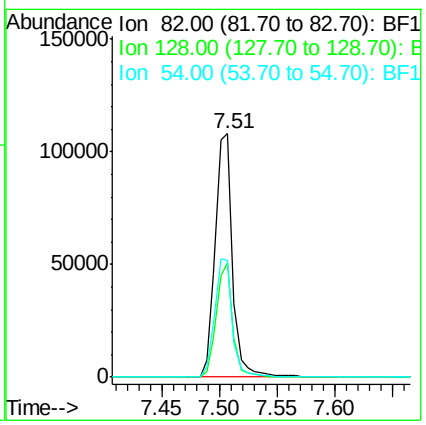


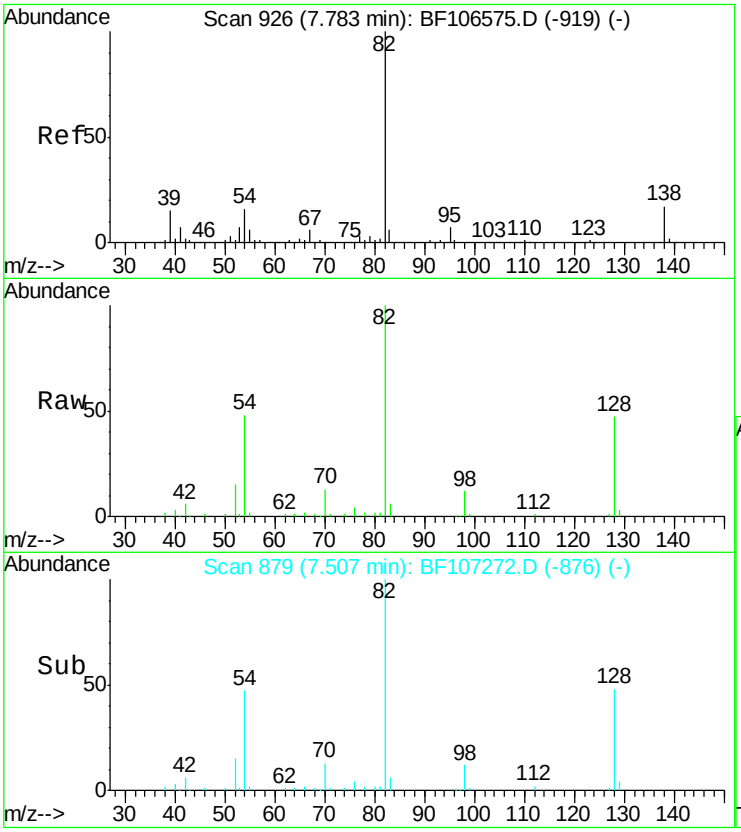


#23
Nitrobenzene-d5
Concen: 62.699 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion: 82 Resp: 113306

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	47.8	41.4	62.2



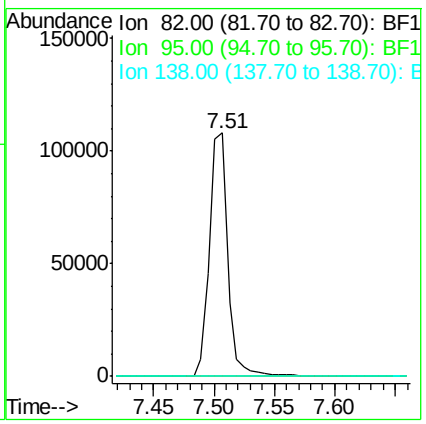


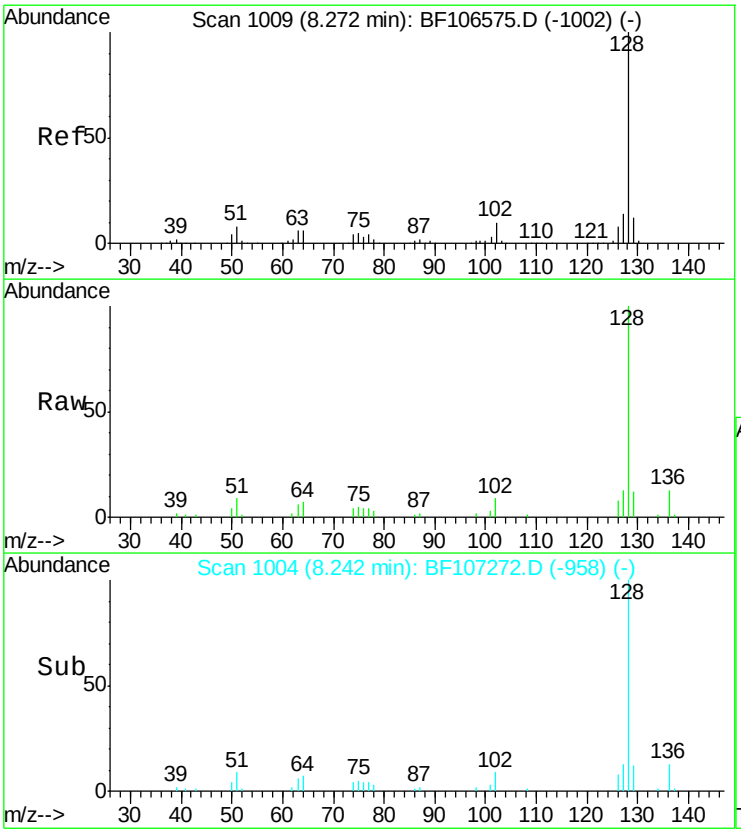
#25
Isophorone
Concen: 35.581 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion: 82 Resp: 113305

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

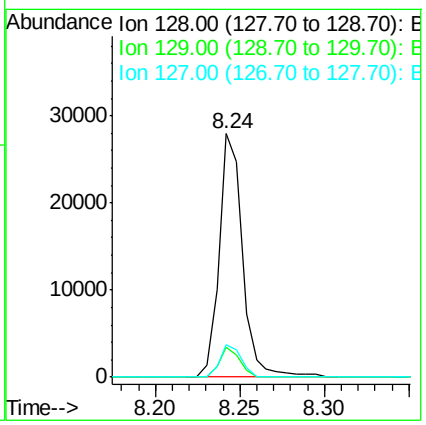


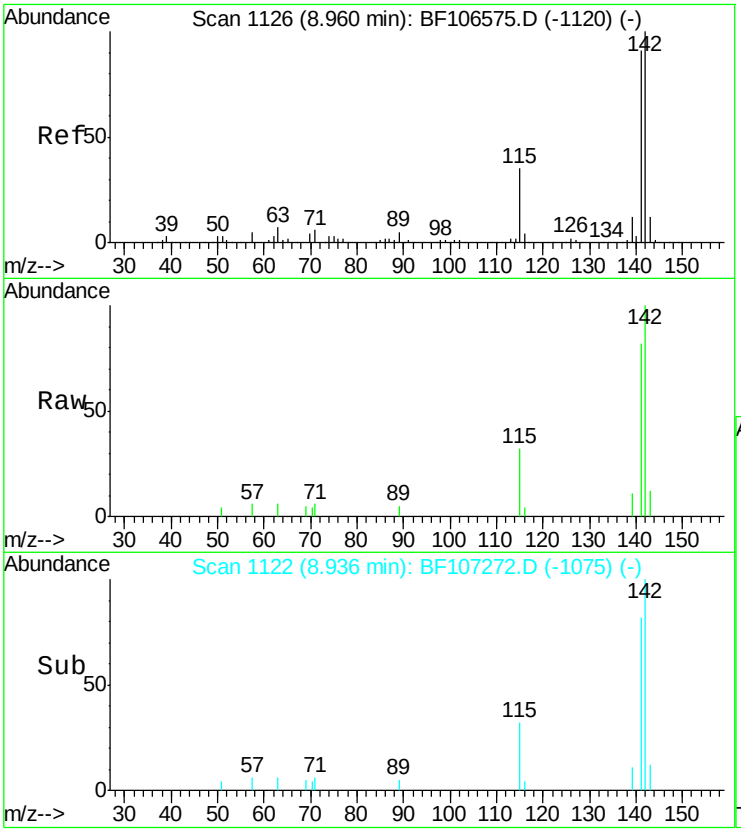


#31
Naphthalene
Concen: 5.751 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:128 Resp: 27005

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	13.3	10.9	16.3



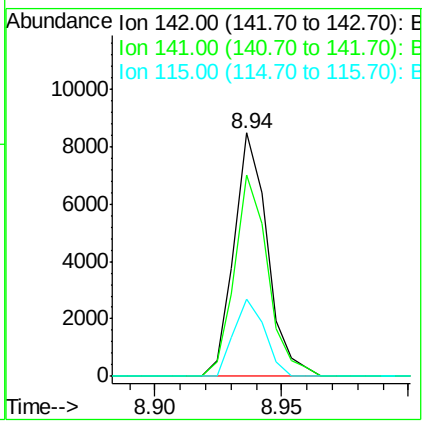


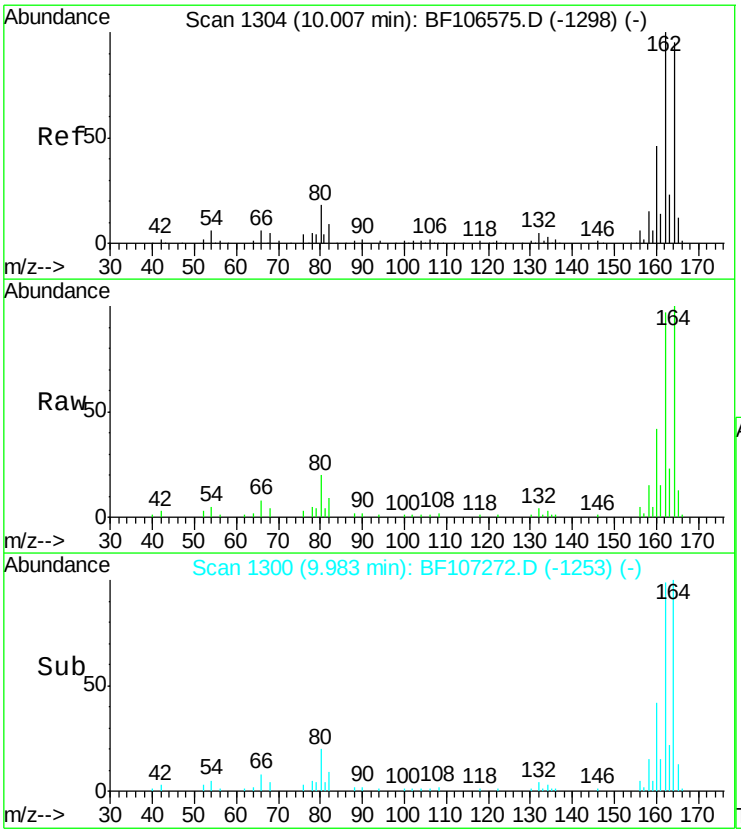
#37
2-Methylnaphthalene
Concen: 2.505 ng
RT: 8.94 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:142 Resp: 7797

Ion	Ratio	Lower	Upper
142	100		
141	82.5	70.8	106.2
115	31.6	26.1	39.1

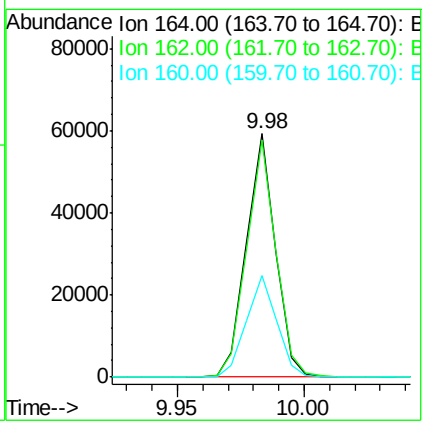


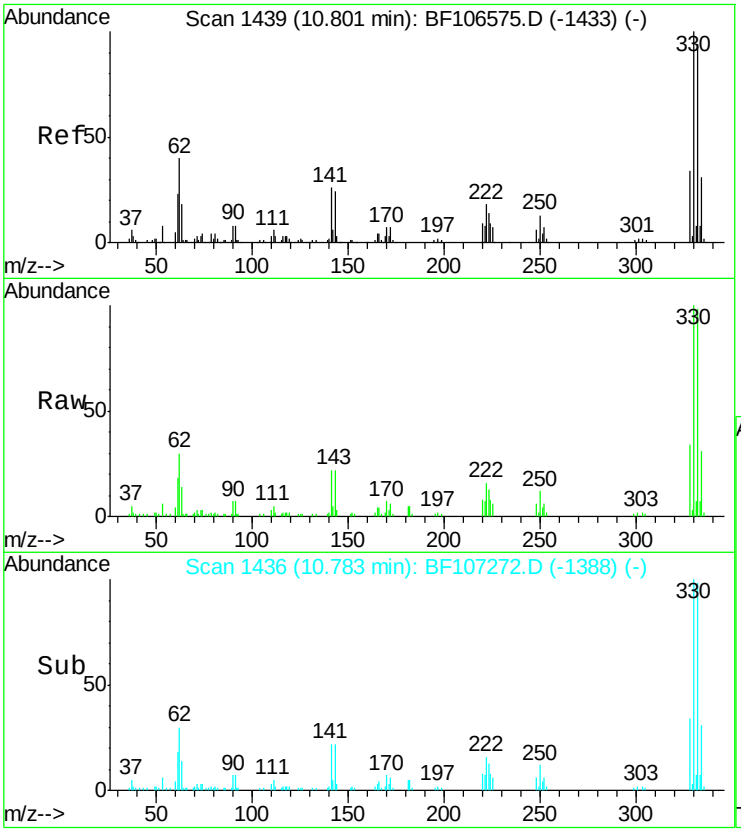


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:164 Resp: 47615

Ion	Ratio	Lower	Upper
164	100		
162	97.5	86.1	129.1
160	41.6	38.3	57.5



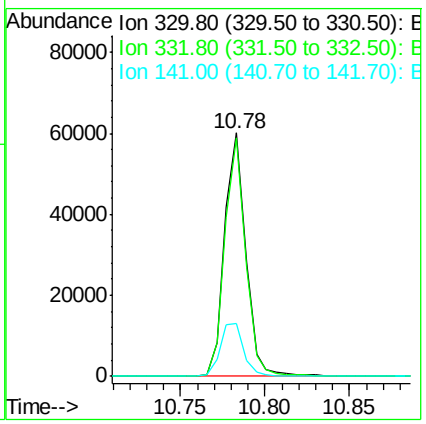


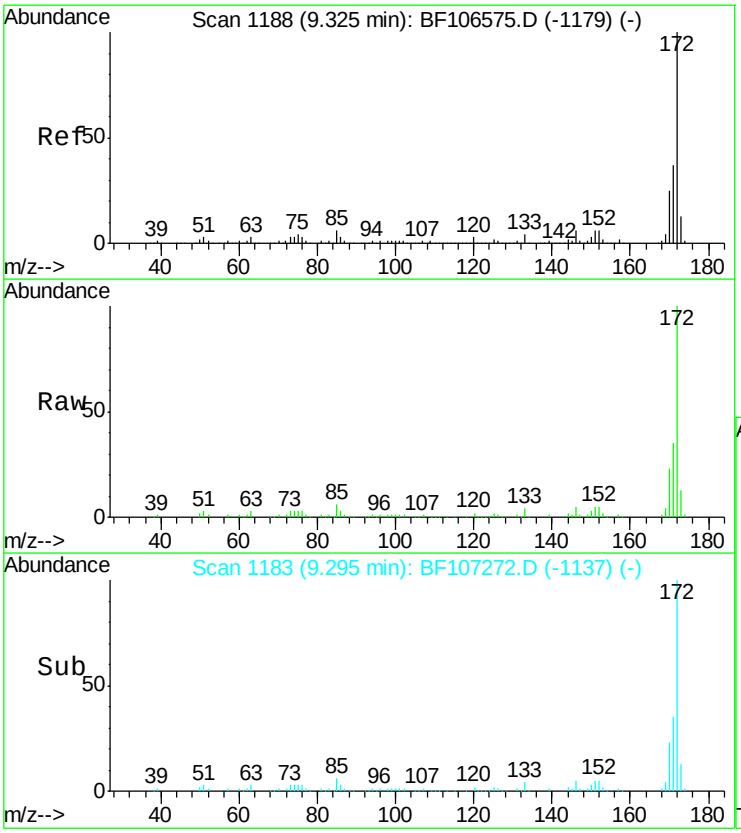
#41
2,4,6-Tribromophenol
Concen: 95.365 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:330 Resp: 52629

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.9	29.9	44.9#

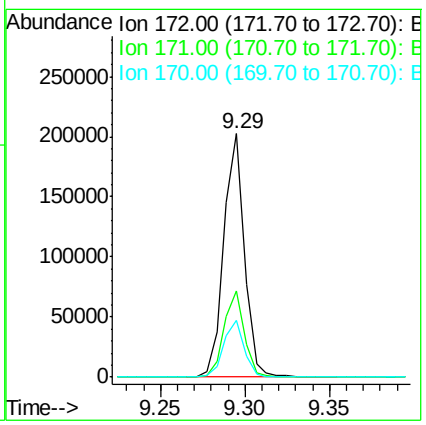


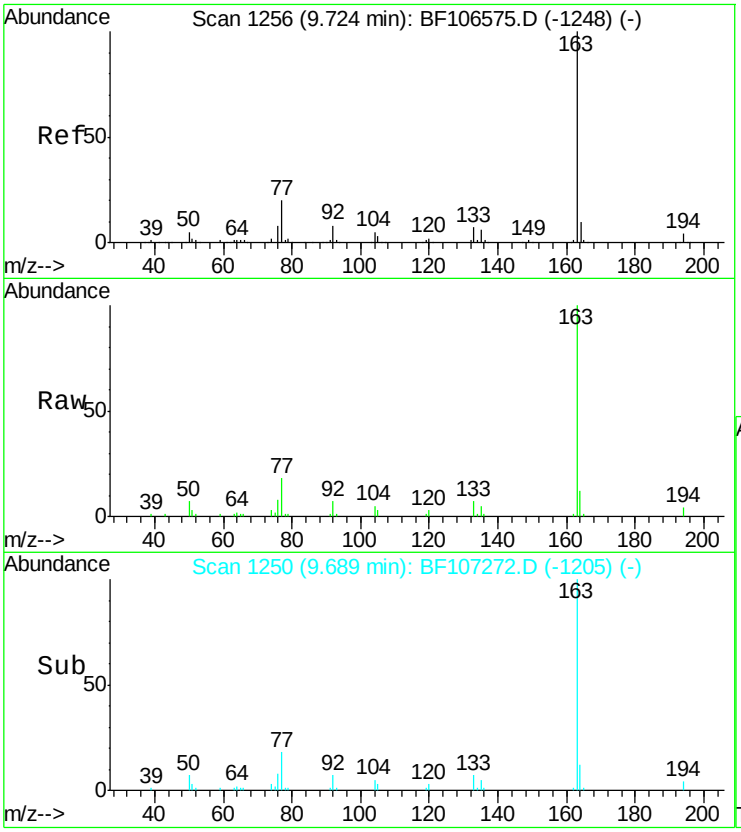


#44
2-Fluorobiphenyl
Concen: 55.790 ng
RT: 9.29 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:172 Resp: 171202

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4



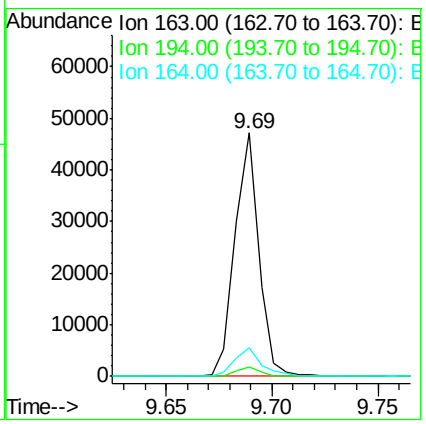


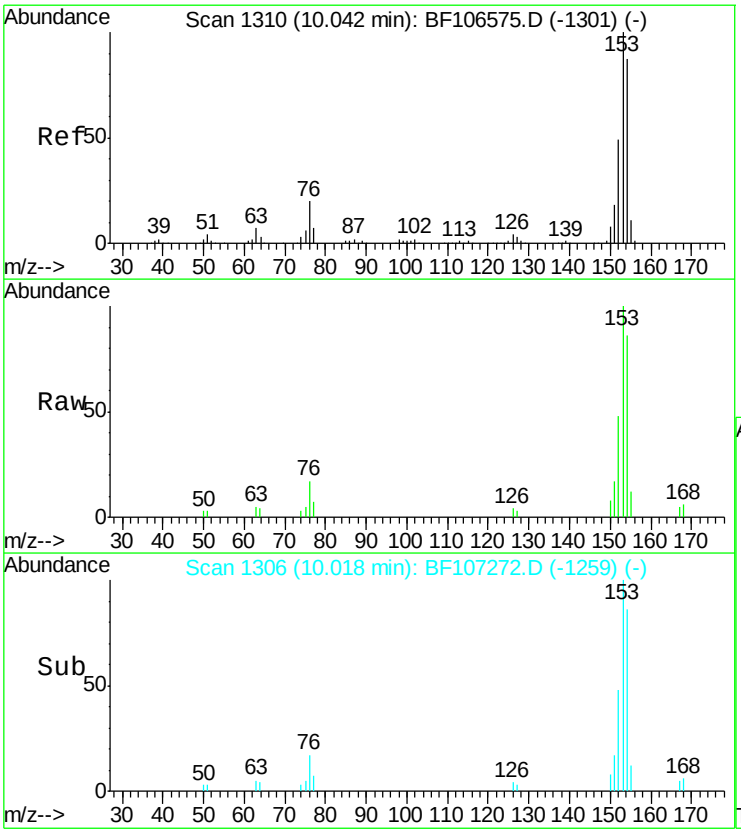
#49
Dimethylphthalate
Concen: 10.313 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:163 Resp: 36831

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.5	8.2	12.2

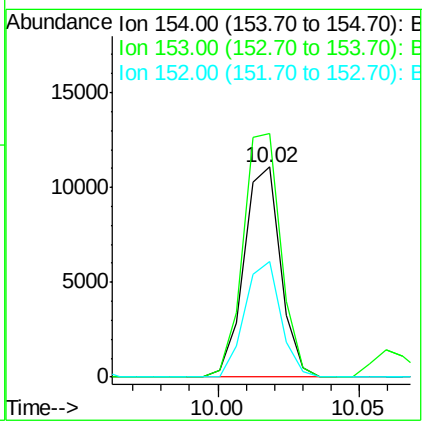


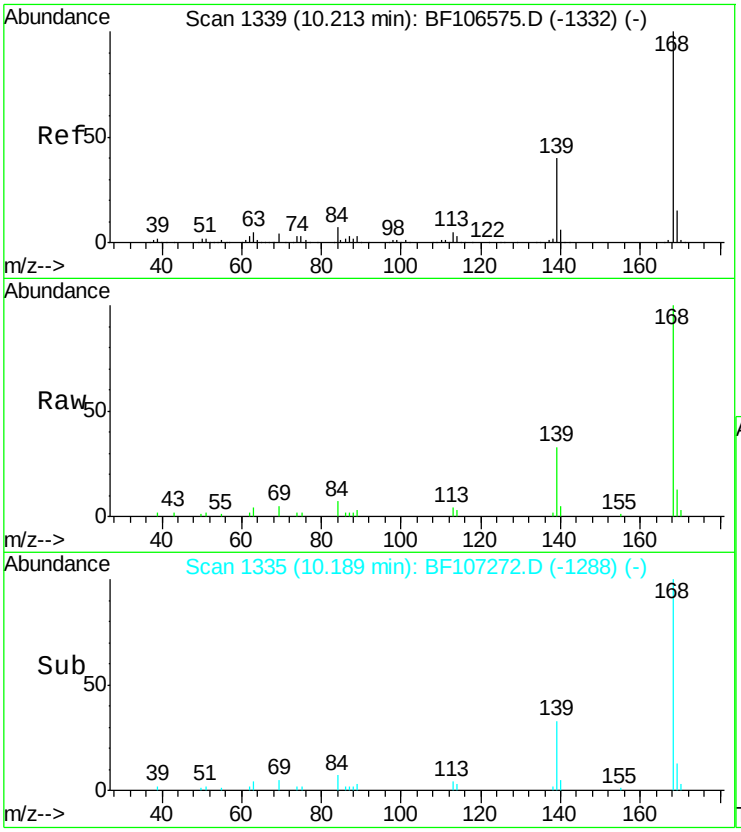


#51
Acenaphthene
Concen: 3.354 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:154 Resp: 9960

Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	55.2	43.8	65.8



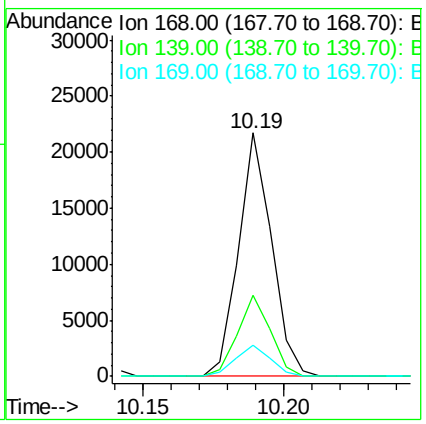


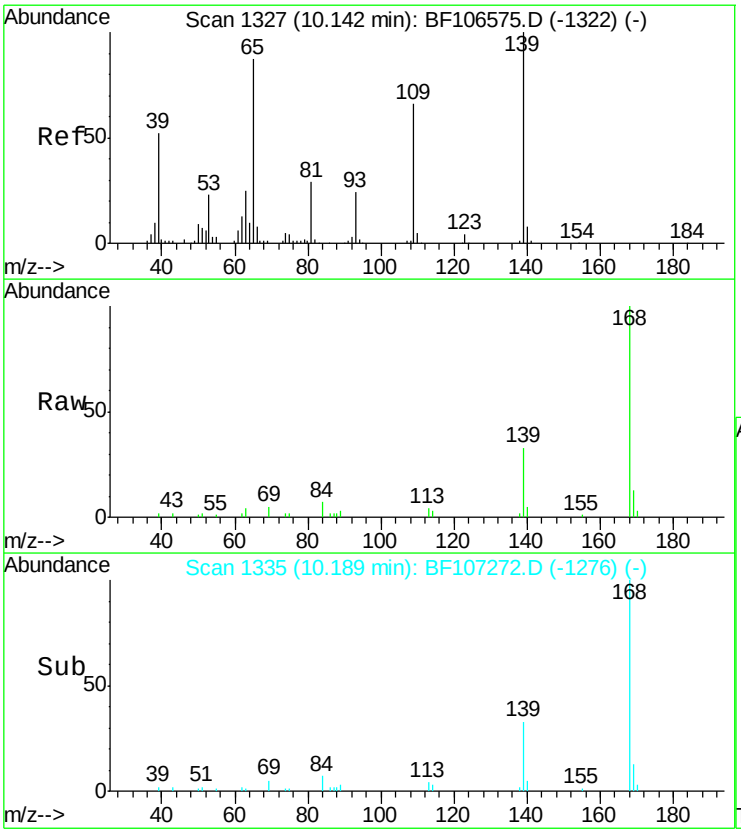
#54
Dibenzofuran
Concen: 4.339 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:168 Resp: 17642

Ion	Ratio	Lower	Upper
168	100		
139	33.3	30.1	45.1
169	12.8	10.9	16.3

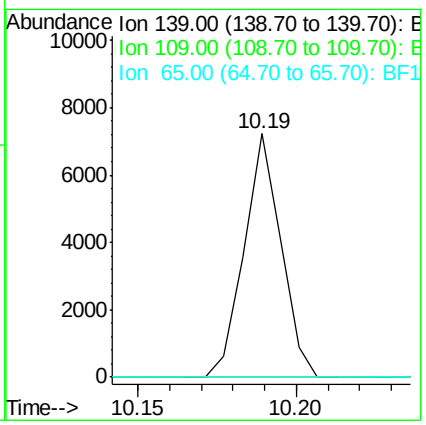


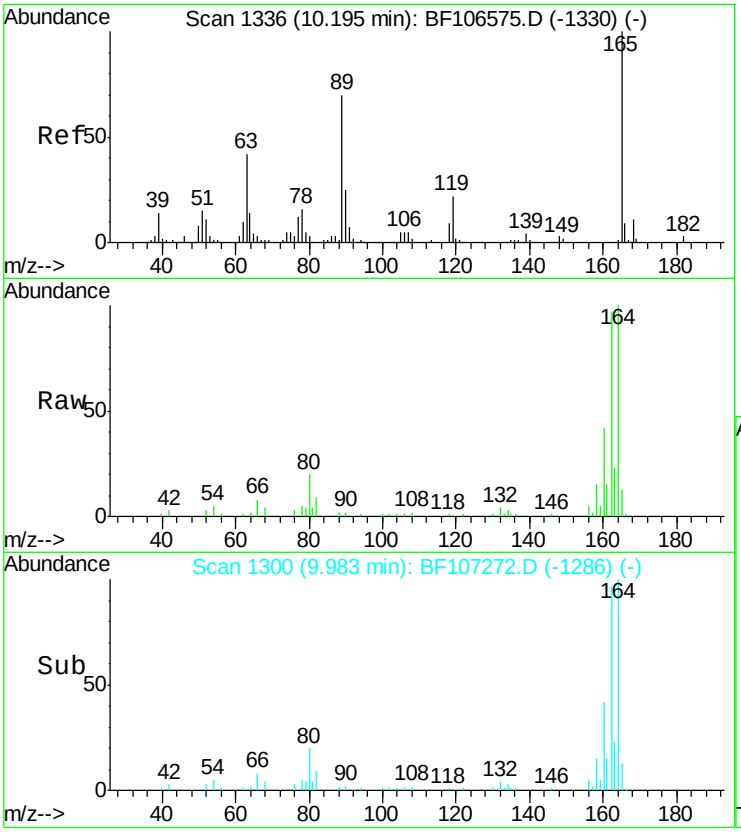


#55
4-Nitrophenol
Concen: 9.592 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:139 Resp: 5826

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



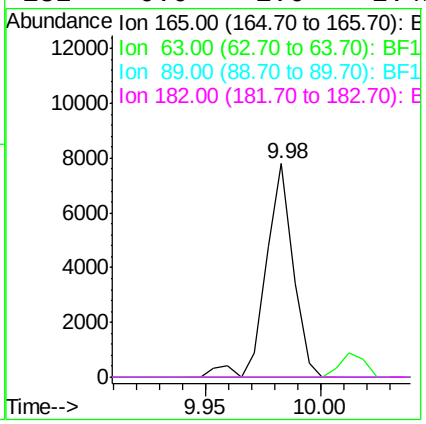


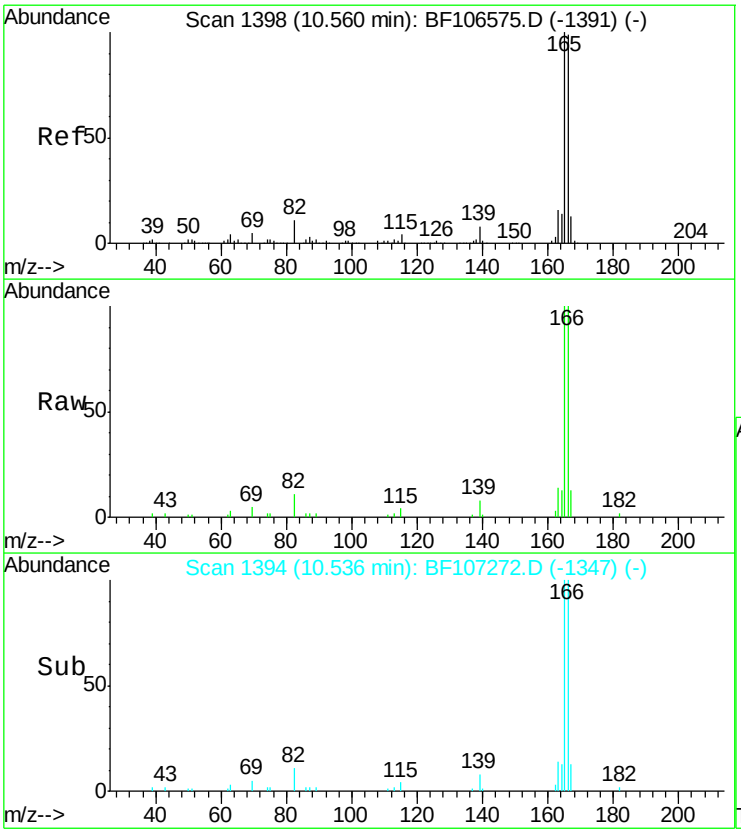
#56
2,4-Dinitrotoluene
Concen: 6.482 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:165 Resp: 6398

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#

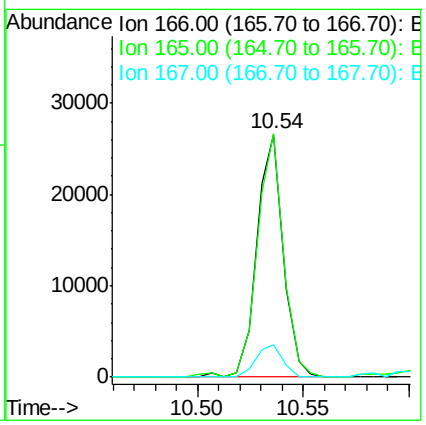


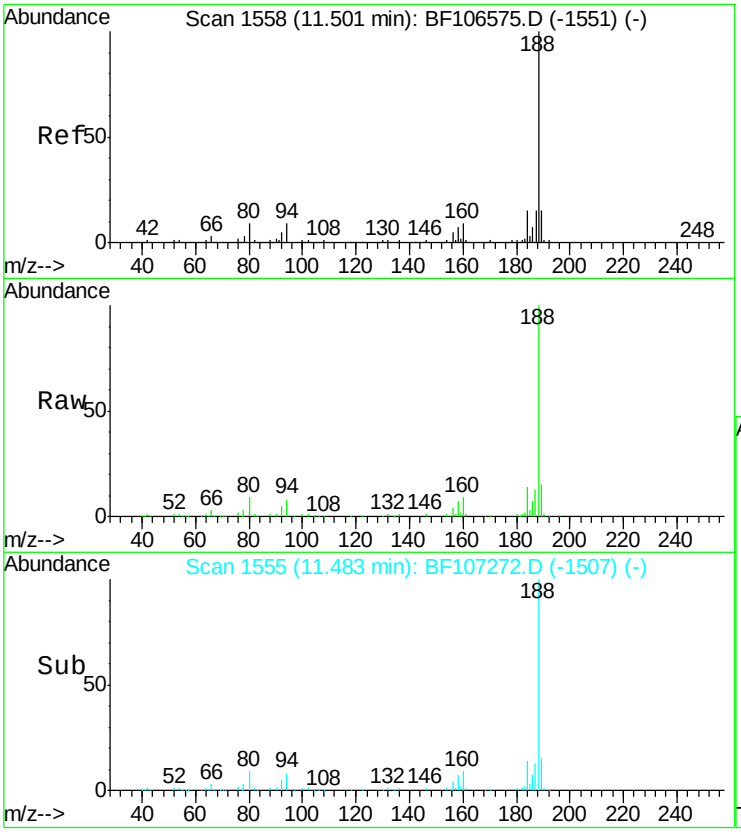


#57
Fluorene
Concen: 7.157 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:166 Resp: 23095

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	13.2	10.6	16.0



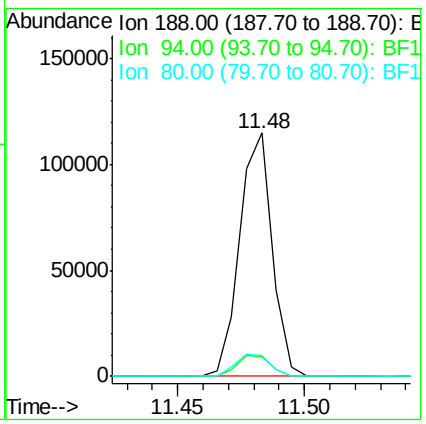


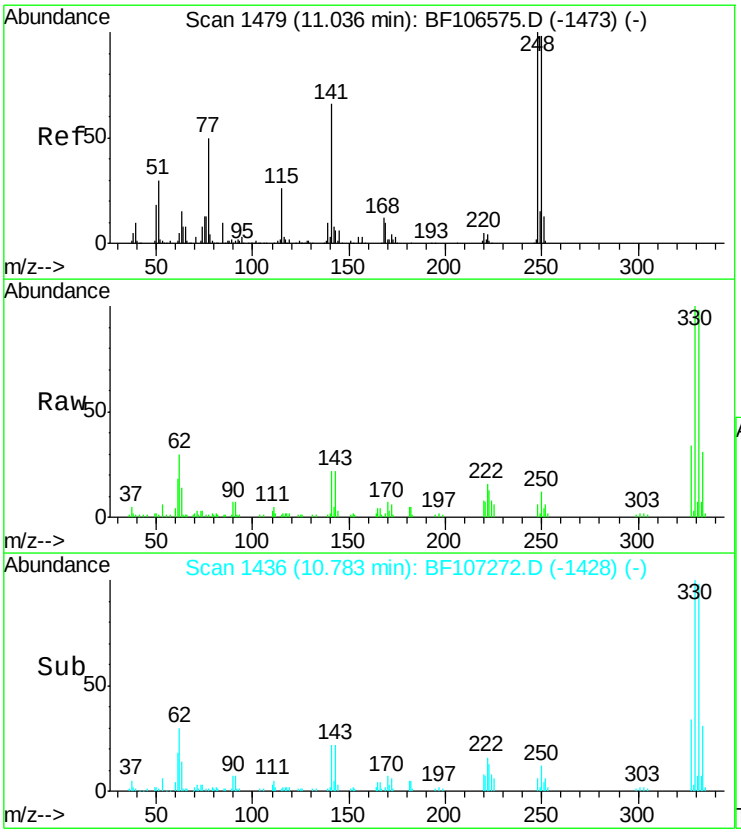
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:188 Resp: 102113

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.8	9.2	13.8#

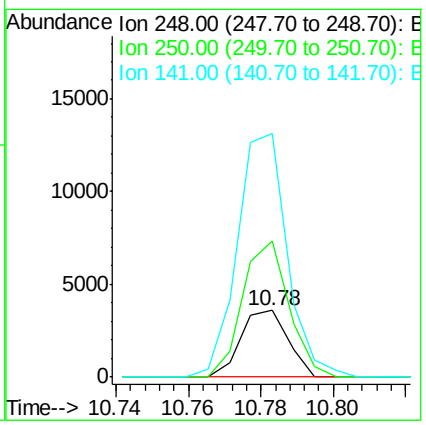


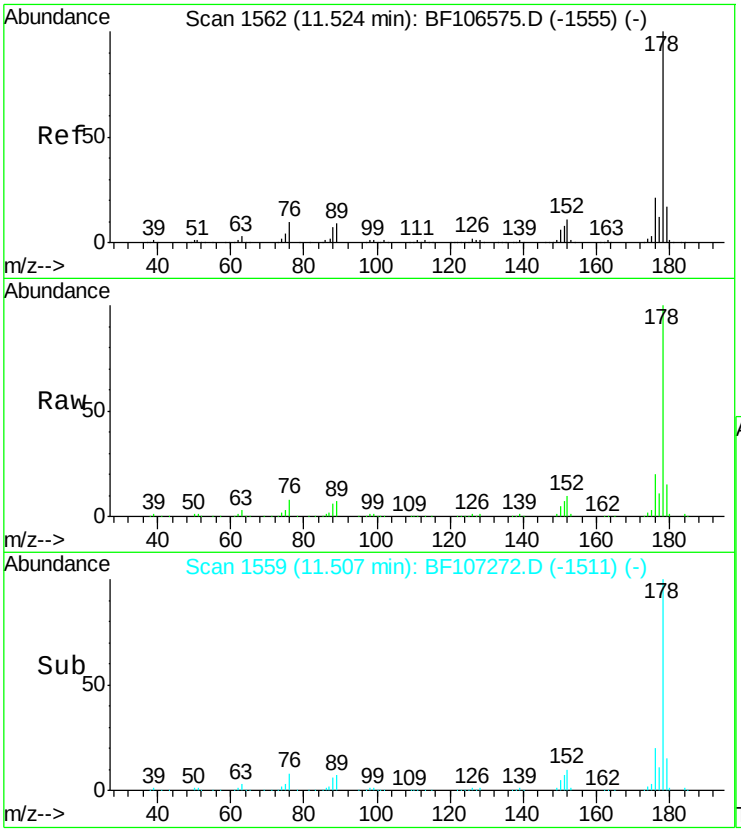


#66
4-Bromophenyl-phenylether
Concen: 2.673 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:248 Resp: 3258

Ion	Ratio	Lower	Upper
248	100		
250	202.9	76.9	115.3#
141	364.5	74.4	111.6#



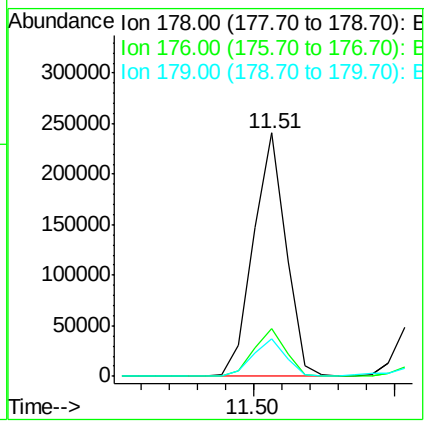


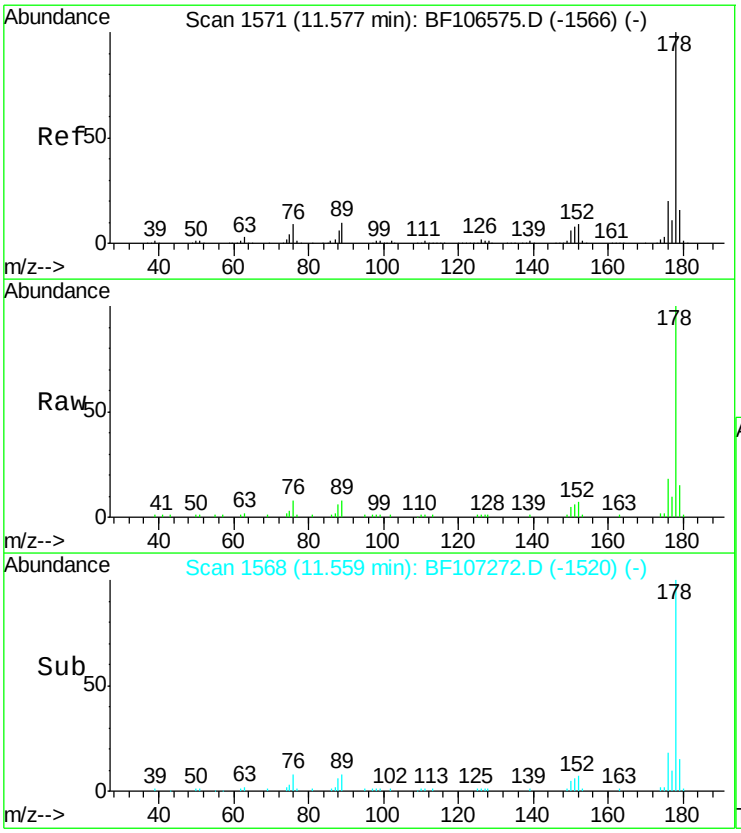
#70
Phenanthrene
Concen: 39.157 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:178 Resp: 192854

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

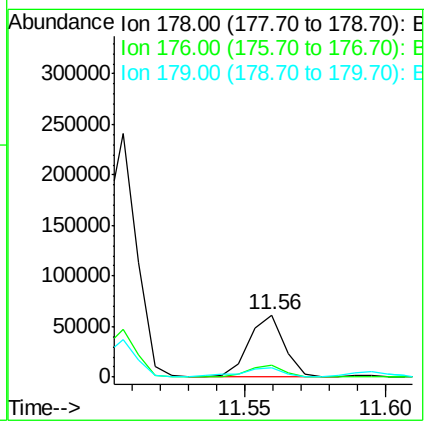


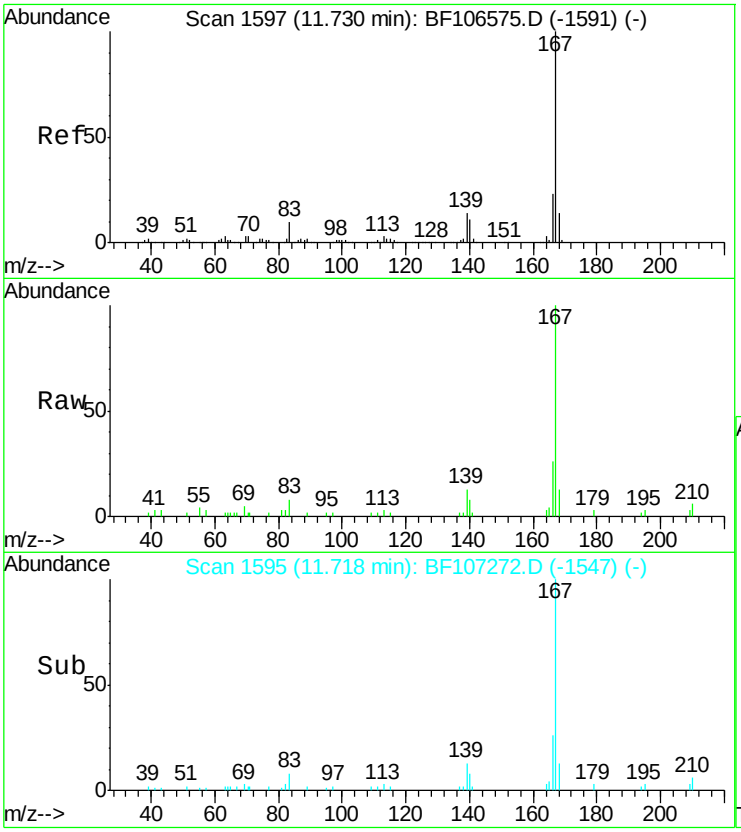


#71
Anthracene
Concen: 10.458 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:178 Resp: 52573

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.4	12.6	19.0



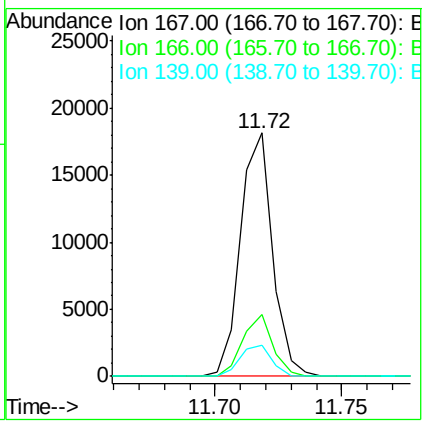


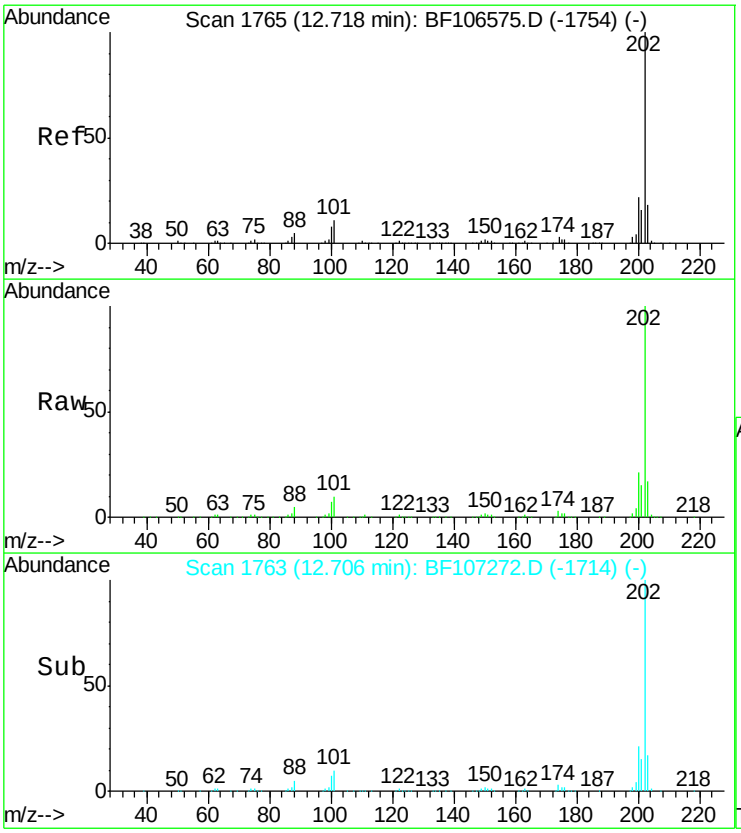
#72
Carbazole
Concen: 3.387 ng
RT: 11.72 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:167 Resp: 15941

Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.6	26.4
139	12.8	10.9	16.3

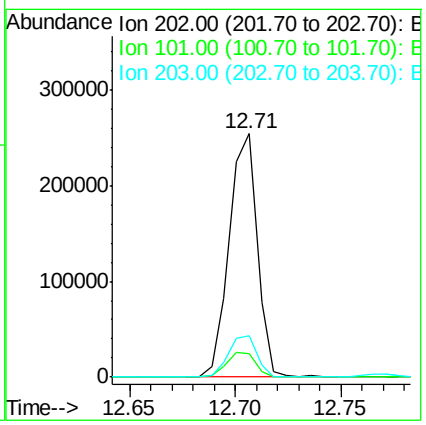


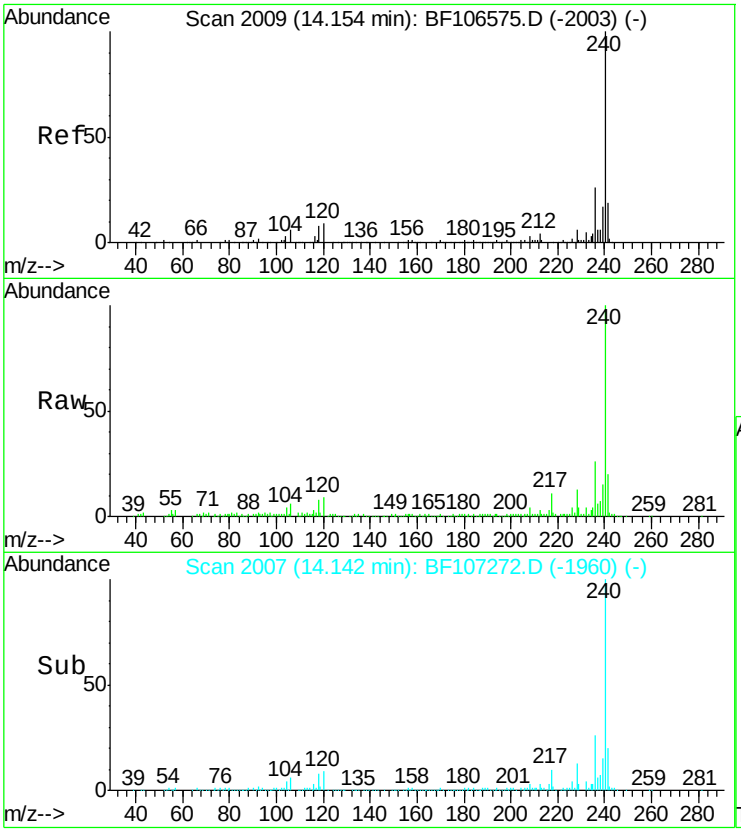


#74
Fluoranthene
Concen: 43.021 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:202 Resp: 233539

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.2	0.0	38.1



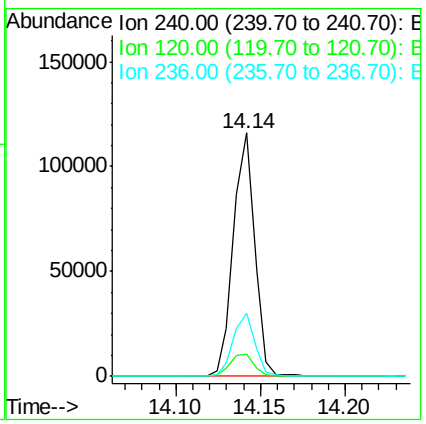


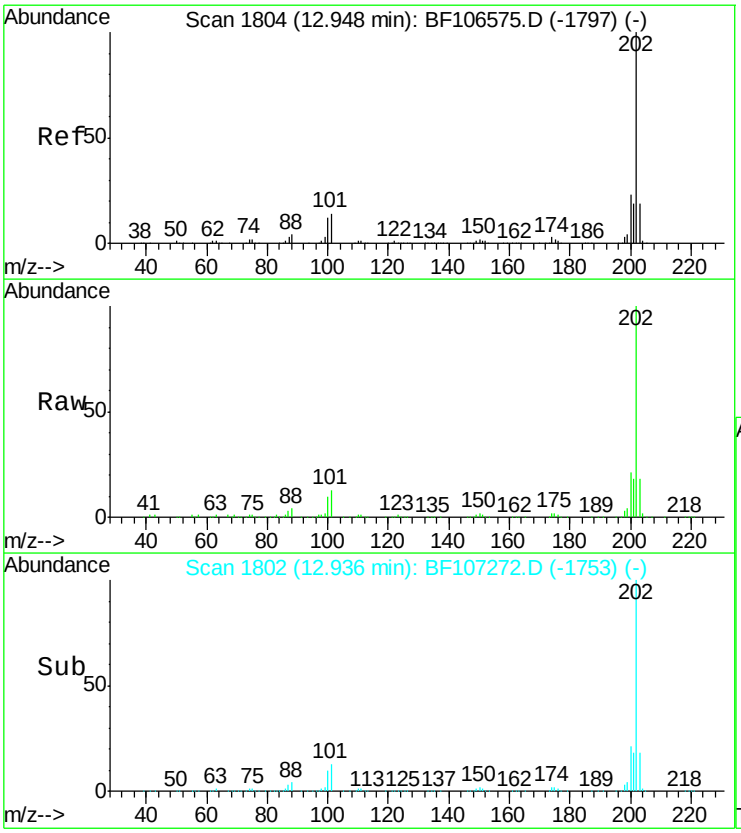
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:240 Resp: 101962

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.8	20.7	31.1

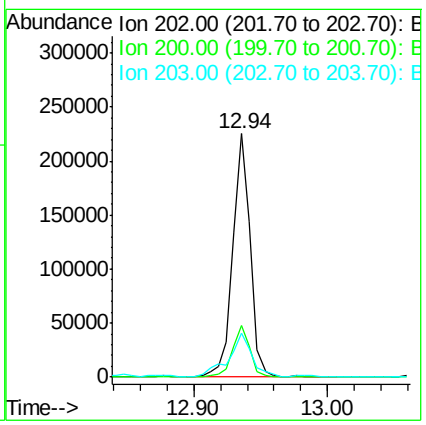


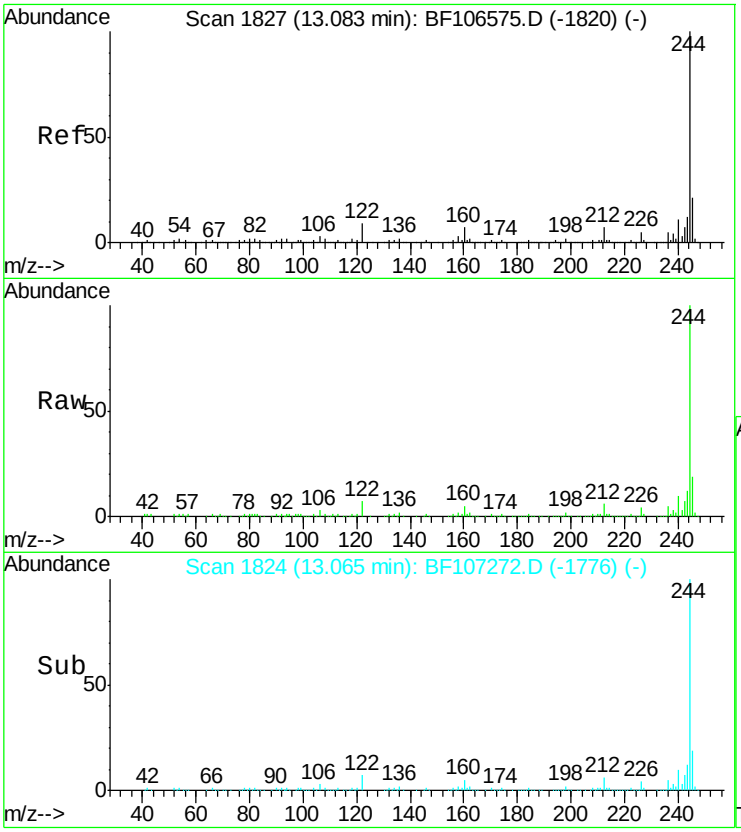


#77
Pyrene
Concen: 31.039 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:202 Resp: 208697

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.3	21.5



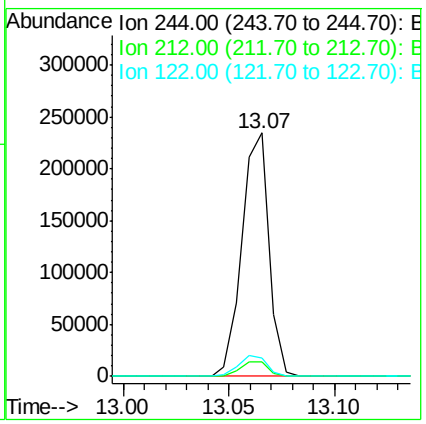


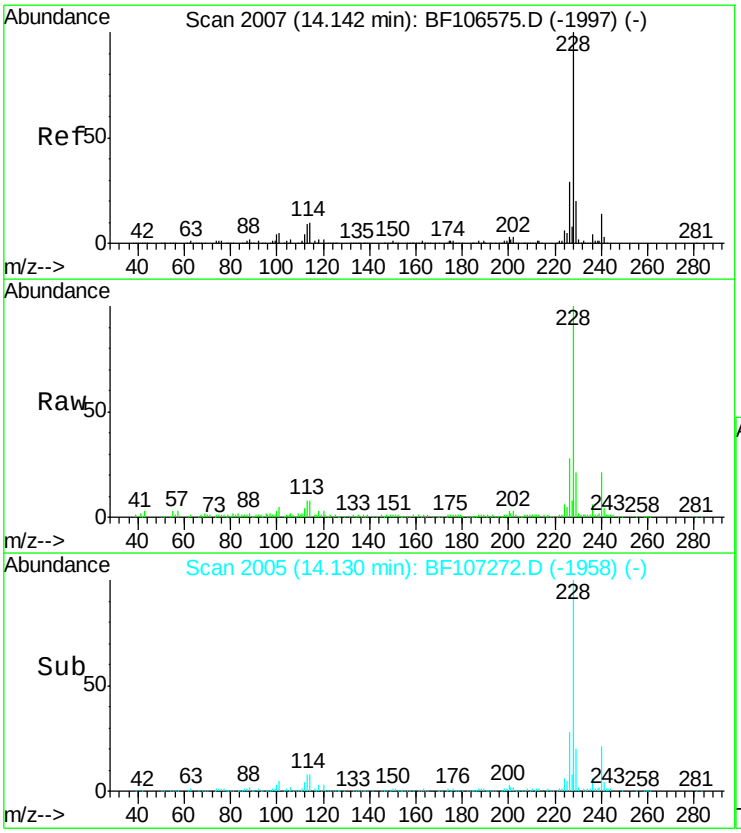
#78
Terphenyl-d14
Concen: 49.512 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:244 Resp: 208412

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	7.4	11.0	16.4#

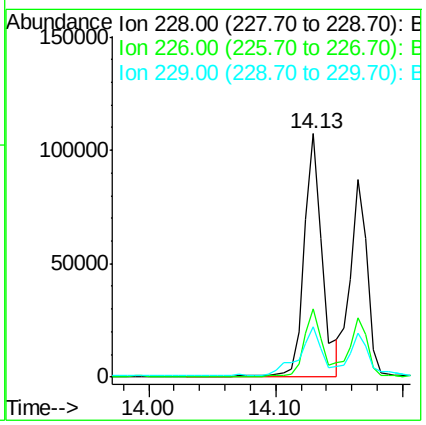


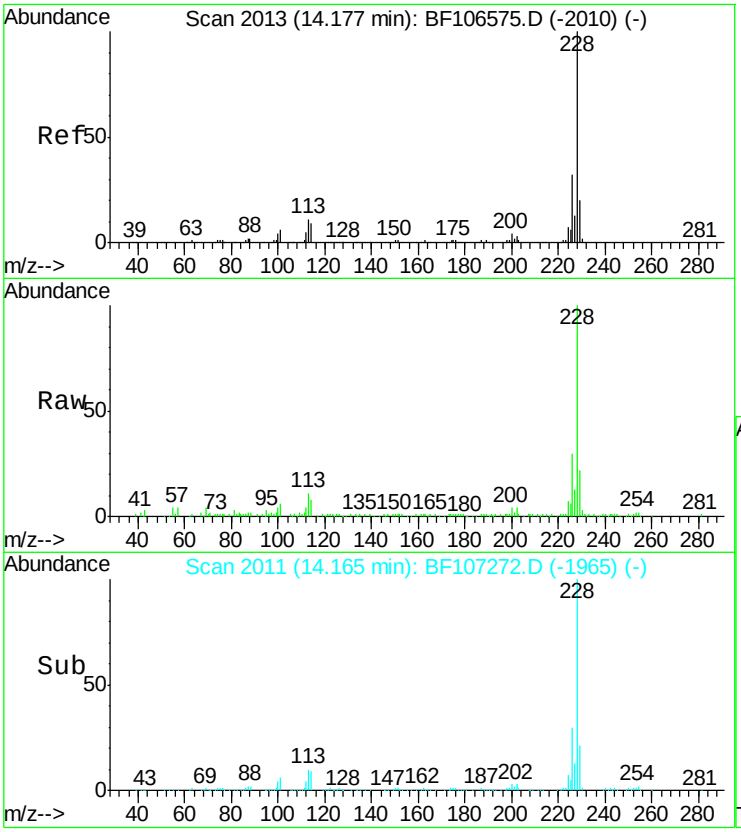


#80
Benzo(a)anthracene
Concen: 17.148 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:228 Resp: 106560

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.6	15.8	23.6



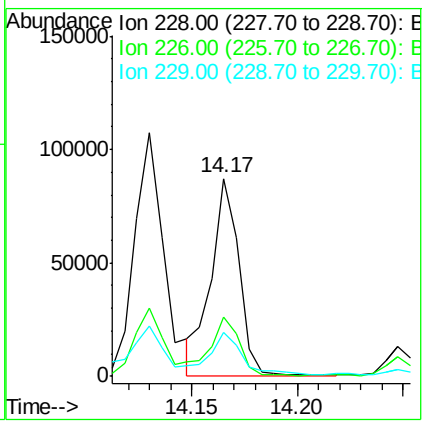


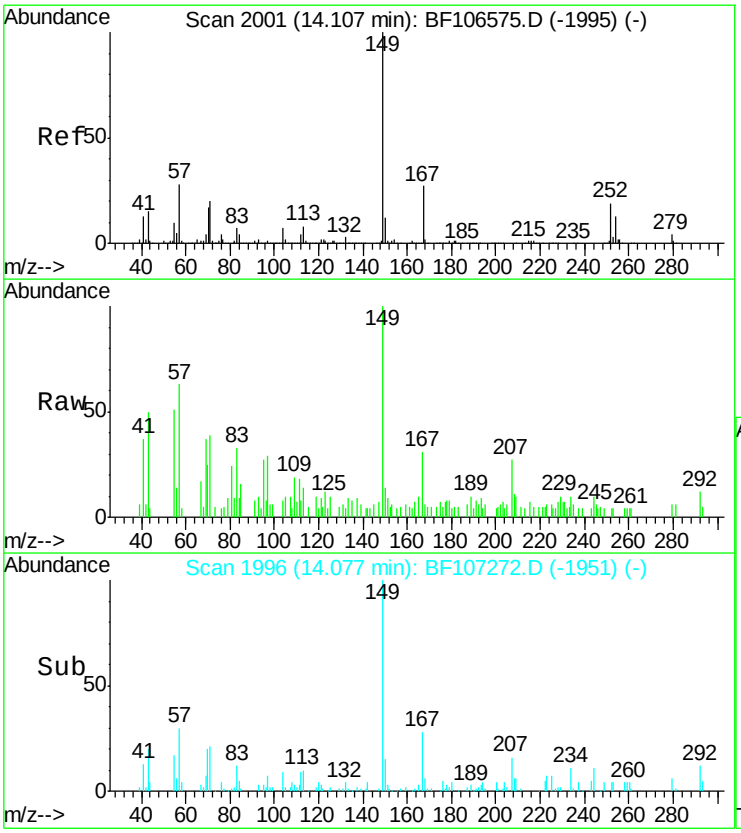
#82
Chrysene
Concen: 14.109 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:228 Resp: 80662

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.9	16.2	24.4

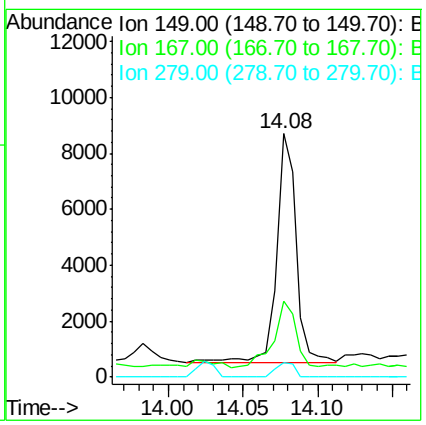


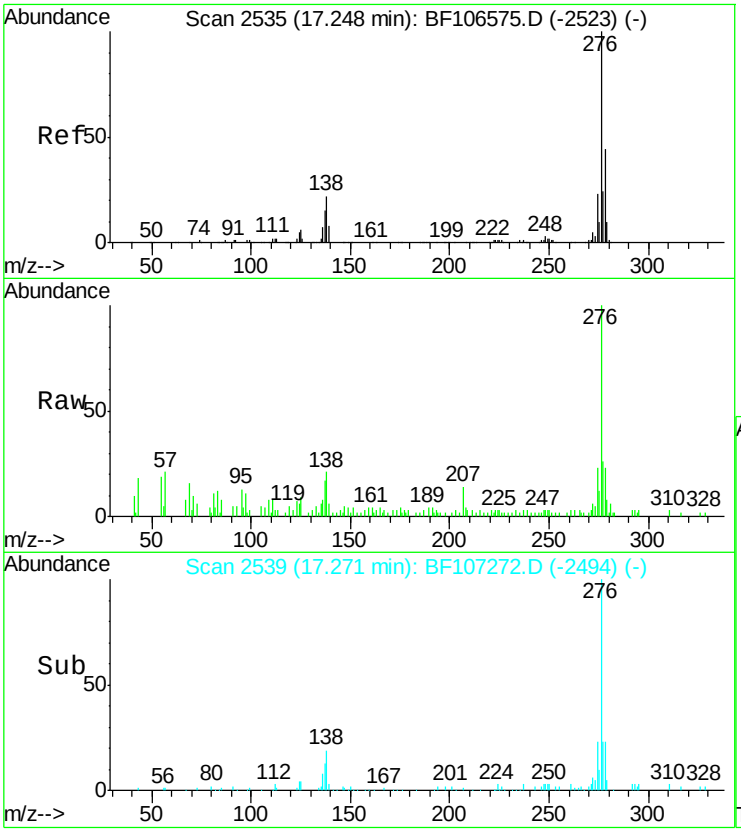


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.104 ng
RT: 14.08 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:149 Resp: 7437

Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.3	31.9
279	5.7	3.0	4.4#



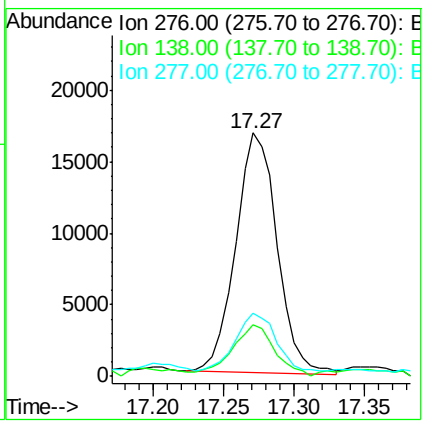


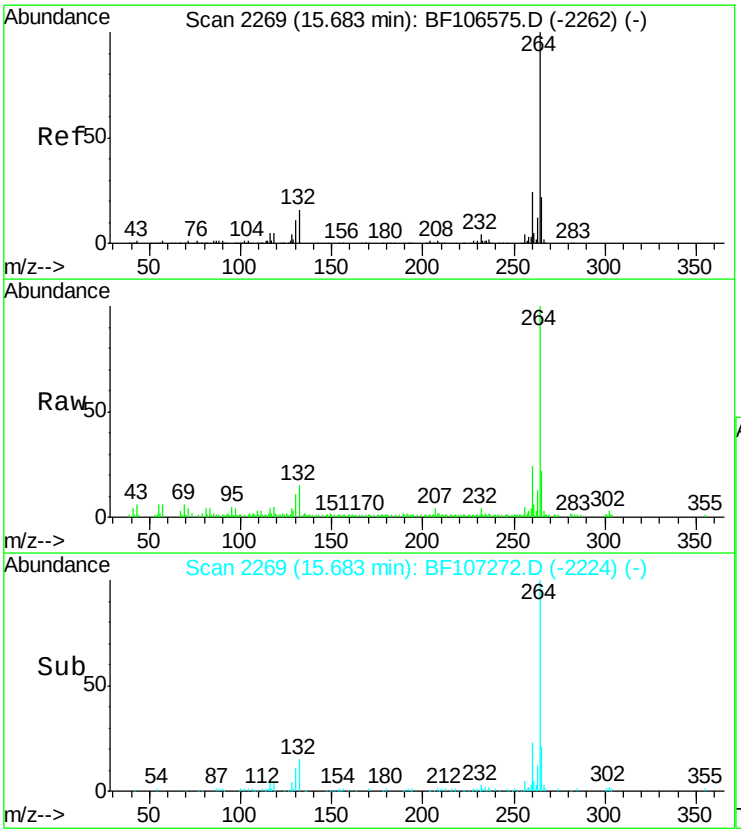
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.107 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:276 Resp: 34483

Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.0	37.6#
277	23.7	20.1	30.1

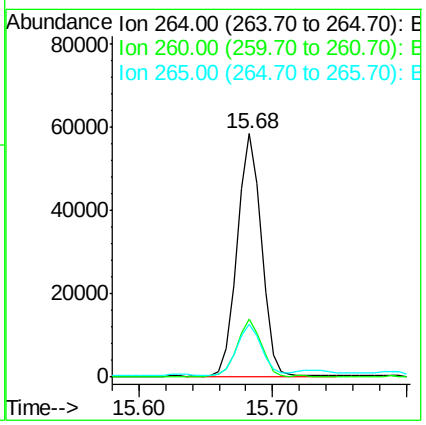


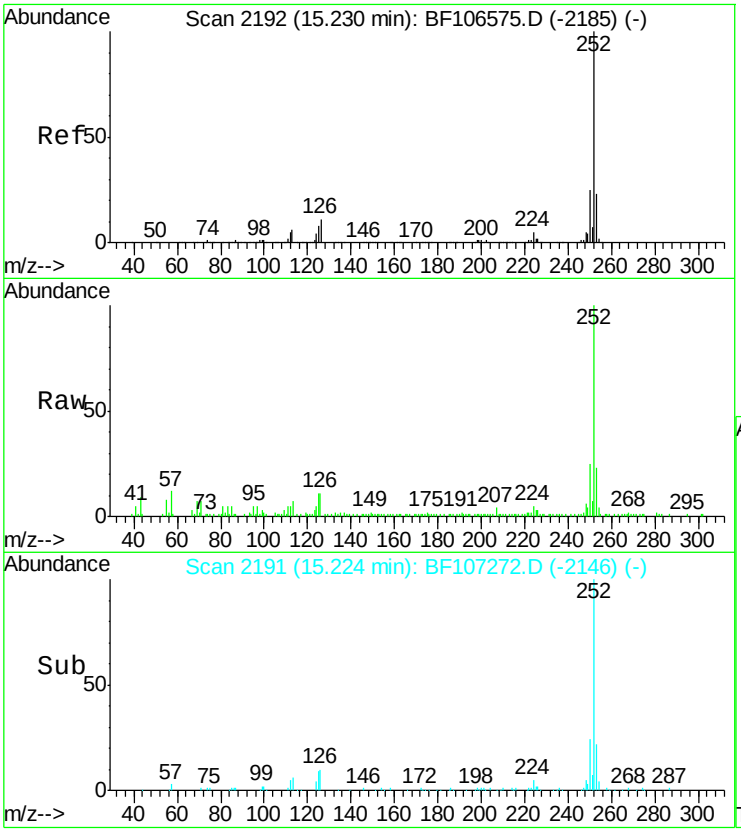


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:264 Resp: 74693

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3



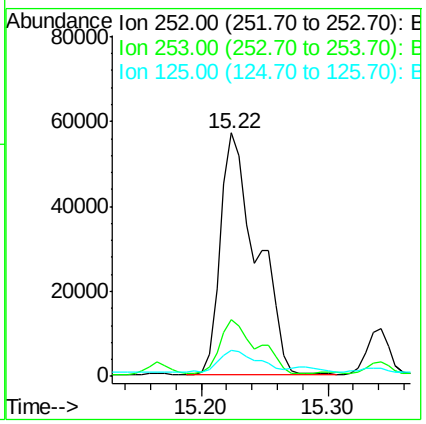


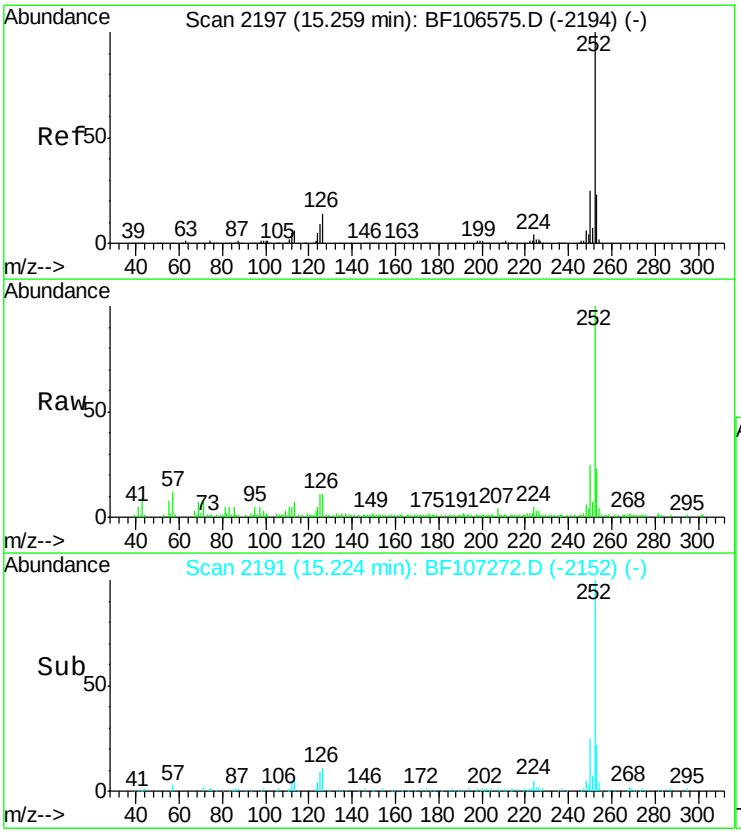
#87
Benzo(b)fluoranthene
Concen: 24.550 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:252 Resp: 113911

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	10.6	9.0	13.6

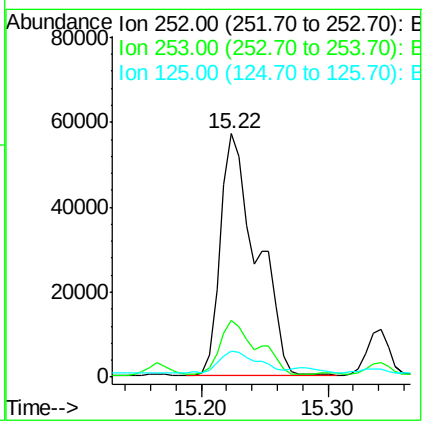


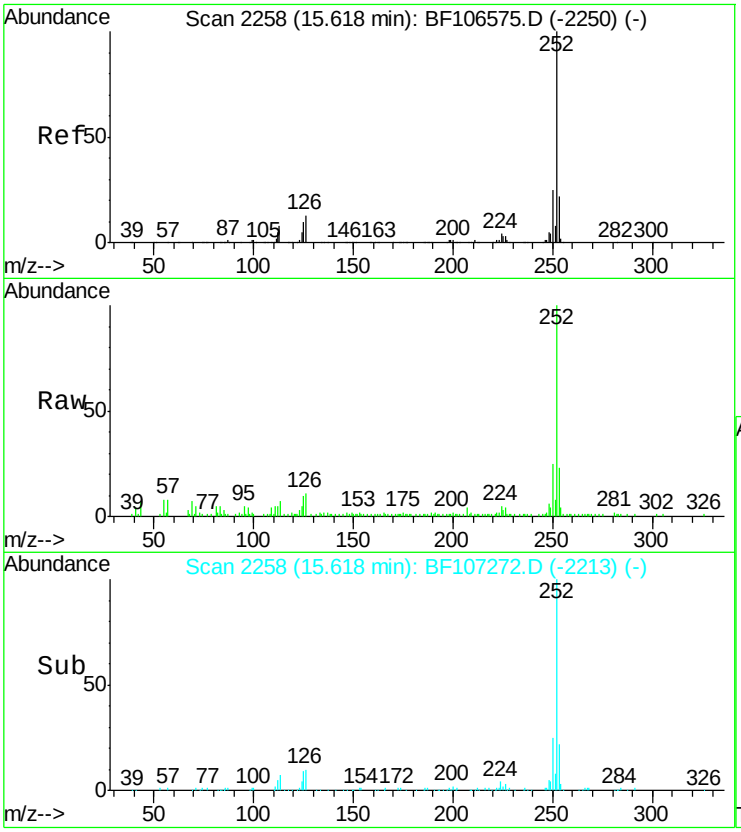


#88
Benzo(k)fluoranthene
Concen: 25.772 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:252 Resp: 113875

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.6	10.2	15.2



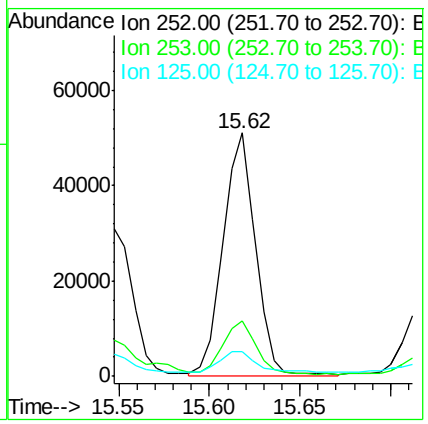


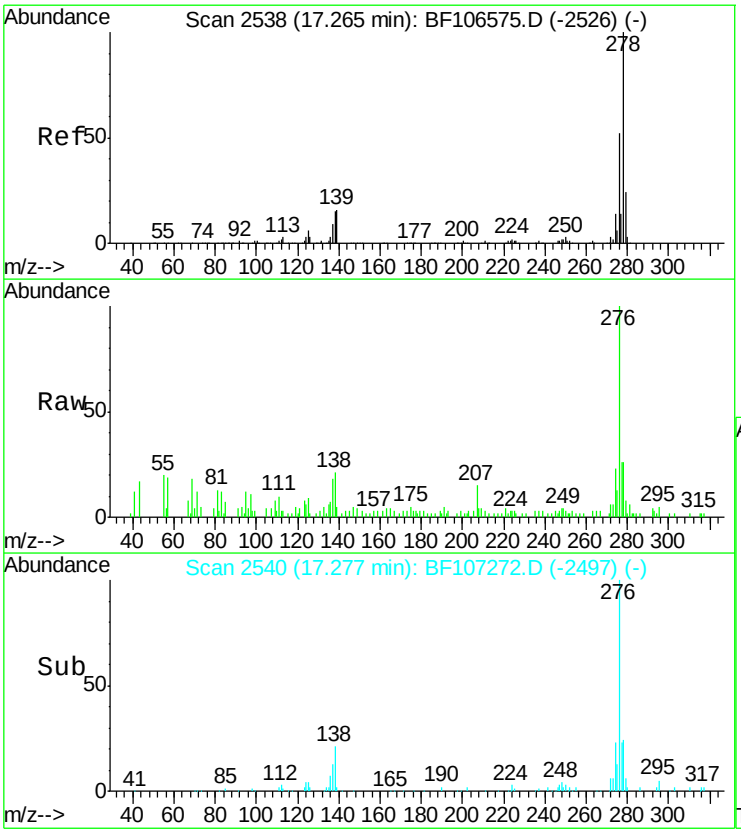
#89
Benzo(a)pyrene
Concen: 15.446 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:252 Resp: 63713

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.3	9.8	14.6

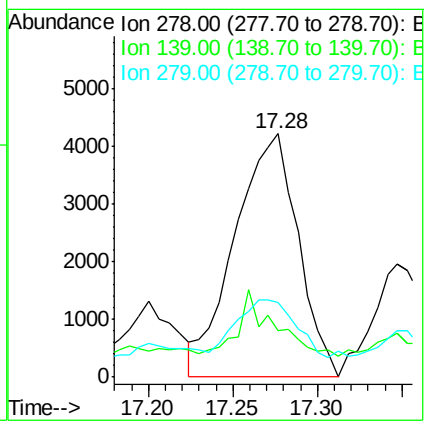


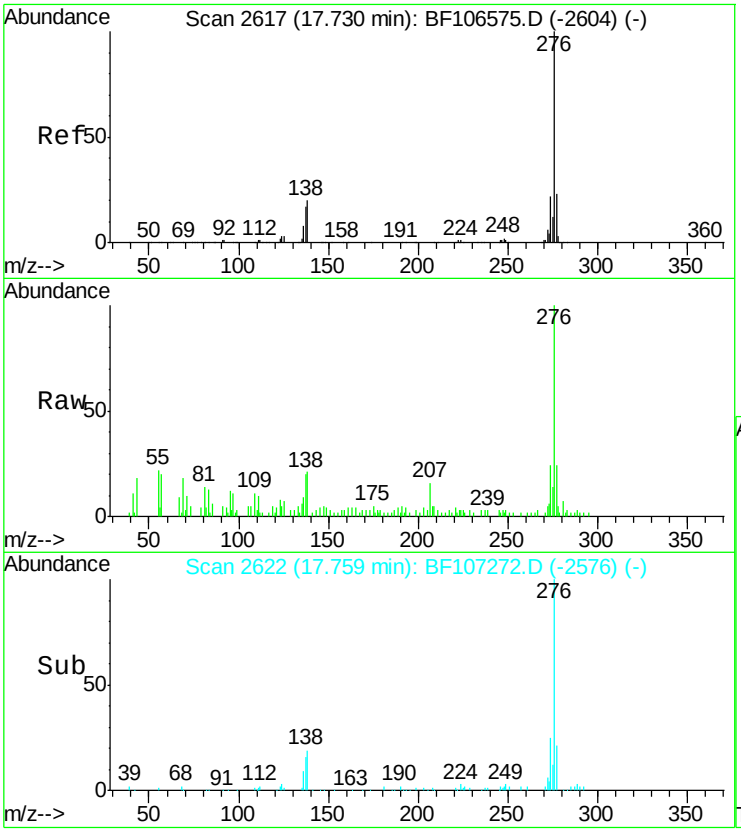


#90
Dibenzo(a,h)anthracene
Concen: 3.146 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

Tgt Ion:278 Resp: 10999

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.9	23.9
279	30.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 10.100 ng
RT: 17.76 min Scan# 2622
Delta R.T. -0.03 min
Lab File: BF107272.D
Acq: 10 Jul 2018 15:02

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

Tgt Ion:276 Resp: 34510

Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.0	21.8	32.8#