Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107271.D
Acq On : 10 Jul 2018 14:35
Operator : JU/SJ
Sample : J3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 212-72-11940-R4-VNJ-242

Quant Time: Jul 10 15:44:30 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	32081	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	110135	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	49981	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	106290	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	104557	20.00	ng		-0.02
86) Perylene-d12	15.68	264	77026	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	192774	101.75	ng		-0.02
7) Phenol-d6	6.59	99	228460	96.56	ng		-0.02
23) Nitrobenzene-d5	7.51	82	134379	67.81	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	61058	105.40	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	203342	65.47	ng		-0.03
78) Terphenyl-d14	13.07	244	260217	60.29	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	4036	2.036	ng		83
19) n-Nitroso-di-n-propylamine	7.51	70	17163	11.005	ng	#	73
25) Isophorone	7.51	82	134378	38.479	ng	#	64
31) Naphthalene	8.24	128	19863	3.858	ng		98
37) 2-Methylnaphthalene	8.94	142	11791	3.455	ng		91
48) Acenaphthylene	9.85	152	11304	2.284	ng		97
49) Dimethylphthalate	9.69	163	44084	11.760	ng		99
51) Acenaphthene	10.02	154	16454	5.279	ng		95
54) Dibenzofuran	10.19	168	27597	6.465	ng		95
55) 4-Nitrophenol	10.19	139	9252	14.511	ng	#	9
57) Fluorene	10.54	166	37313	11.016	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	3778	2.978	ng	#	1
70) Phenanthrene	11.51	178	288948	56.363	ng		99
71) Anthracene	11.56	178	91665	17.518	ng		98
72) Carbazole	11.72	167	18704	3.818	ng		98
74) Fluoranthene	12.71	202	342551	60.623	ng		95
77) Pyrene	12.94	202	293616	42.585	ng		99
80) Benzo(a)anthracene	14.13	228	145826	22.884	ng		98
82) Chrysene	14.17	228	119975	20.464	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	11483	3.168	ng	#	92
87) Benzo(b)fluoranthene	15.22	252	151583	31.680	ng		97
88) Benzo(k)fluoranthene	15.22	252	151583	33.267	ng		98
89) Benzo(a)pyrene	15.62	252	79430	18.674	ng		95
90) Dibenzo(a,h)anthracene	17.27	278	12570	3.487	ng	#	89
91) Benzo(g,h,i)perylene	17.76	276	43411	12.321	ng	#	88

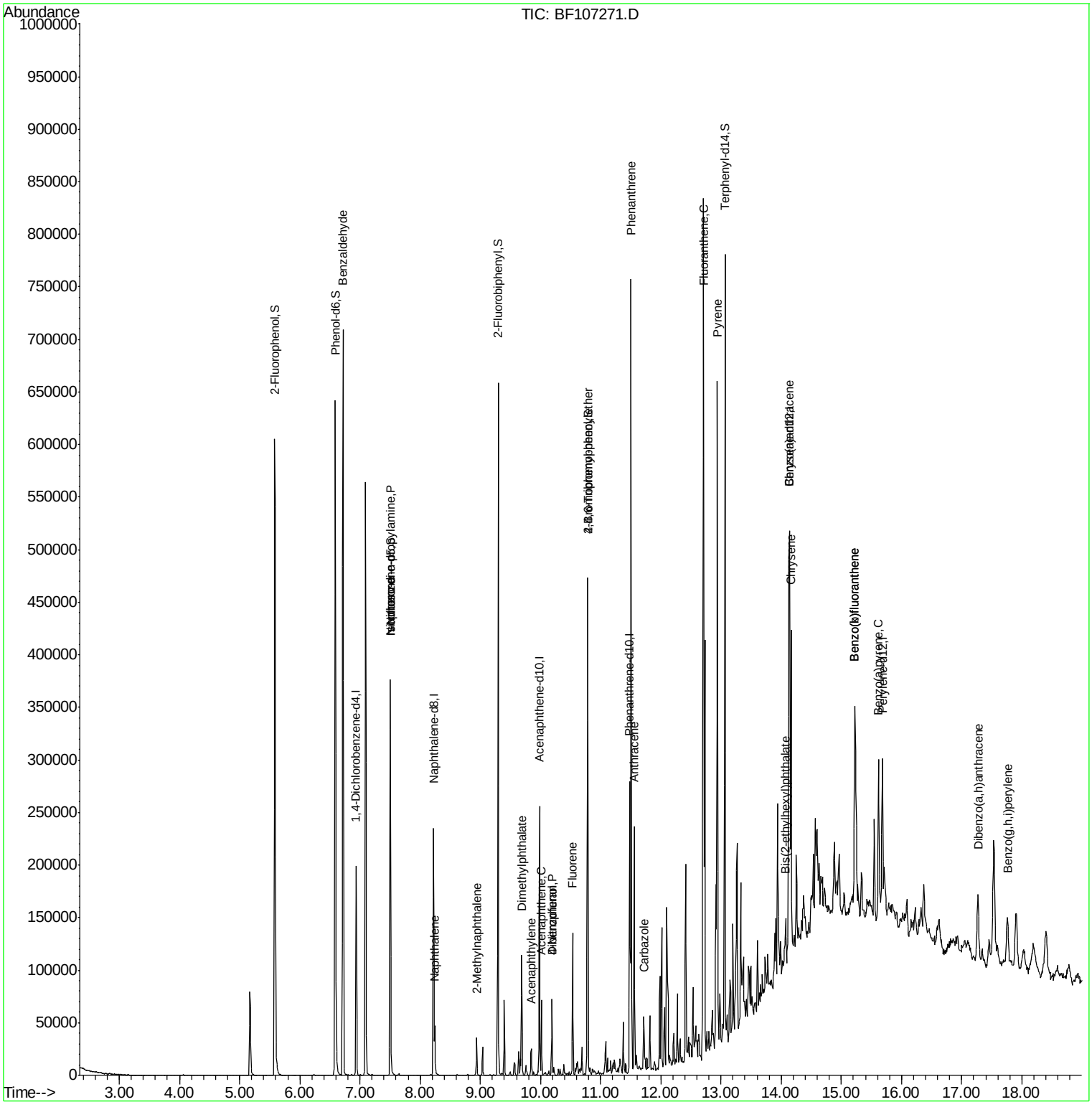
(#) = qualifier out of range (m) = manual integration (+) = signals summed

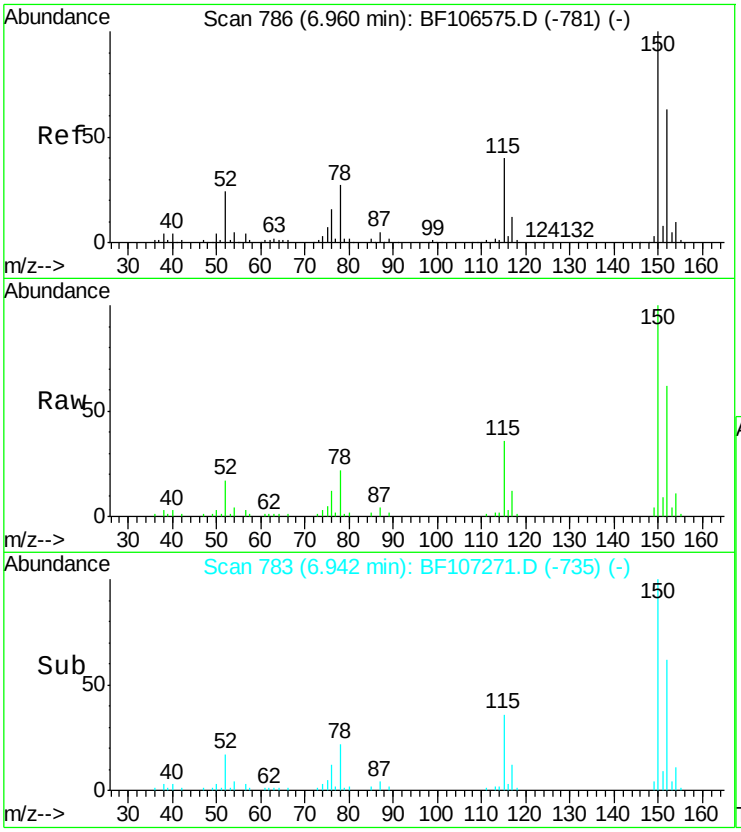
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107271.D
Acq On : 10 Jul 2018 14:35
Operator : JU/SJ
Sample : J3891-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Quant Time: Jul 10 15:44:30 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



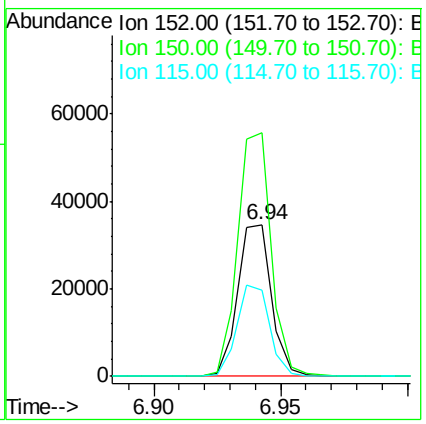


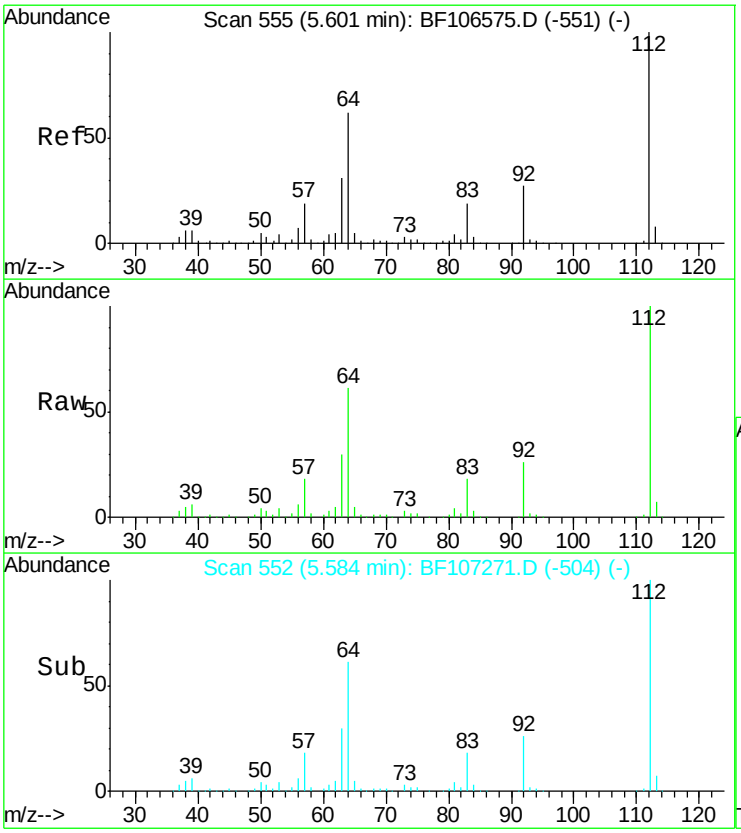
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:152 Resp: 32081

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	57.1	50.1	75.1

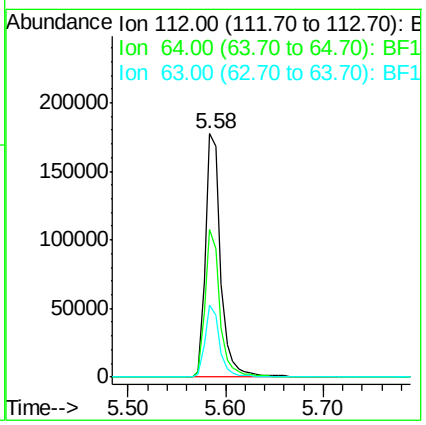


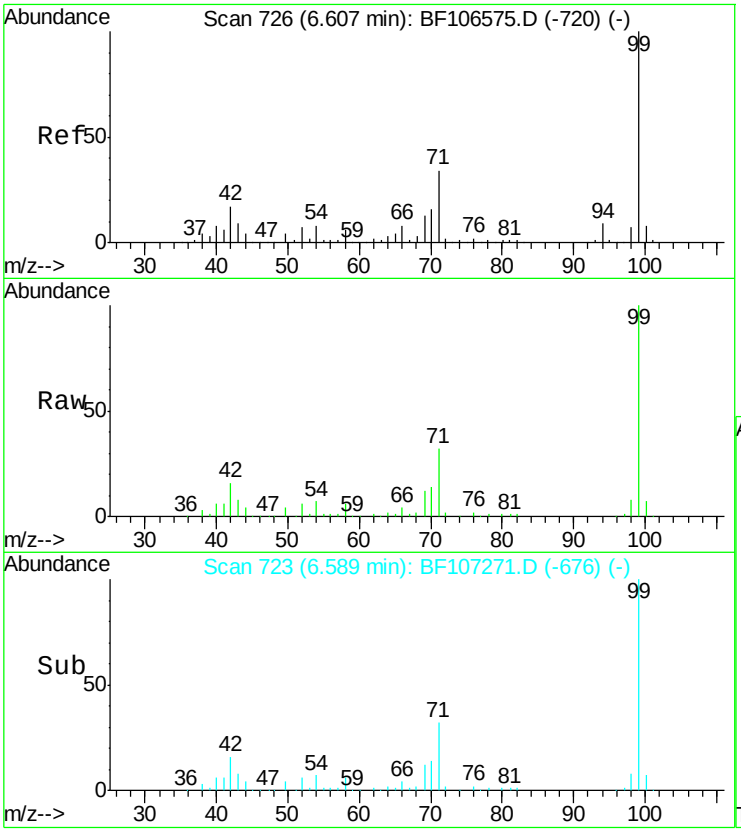


#5
2-Fluorophenol
Concen: 101.751 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:112 Resp: 192774

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	29.6	23.7	35.5



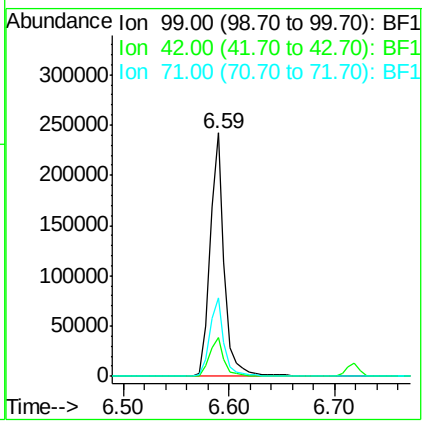


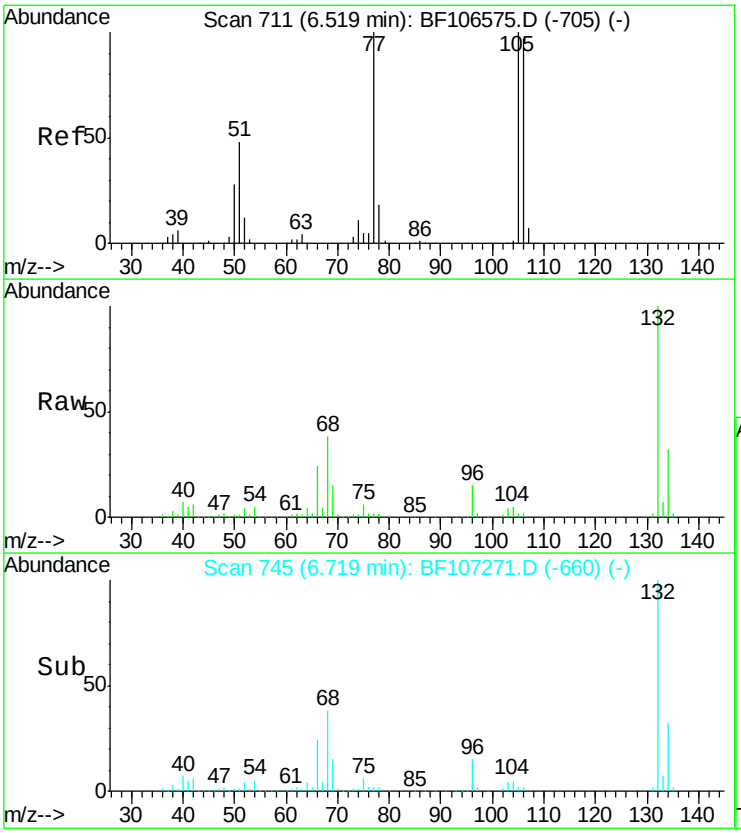
#7
Phenol-d6
Concen: 96.562 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 99 Resp: 228460

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.4	25.4	38.0

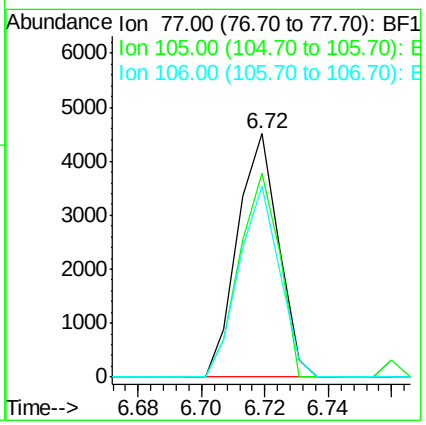


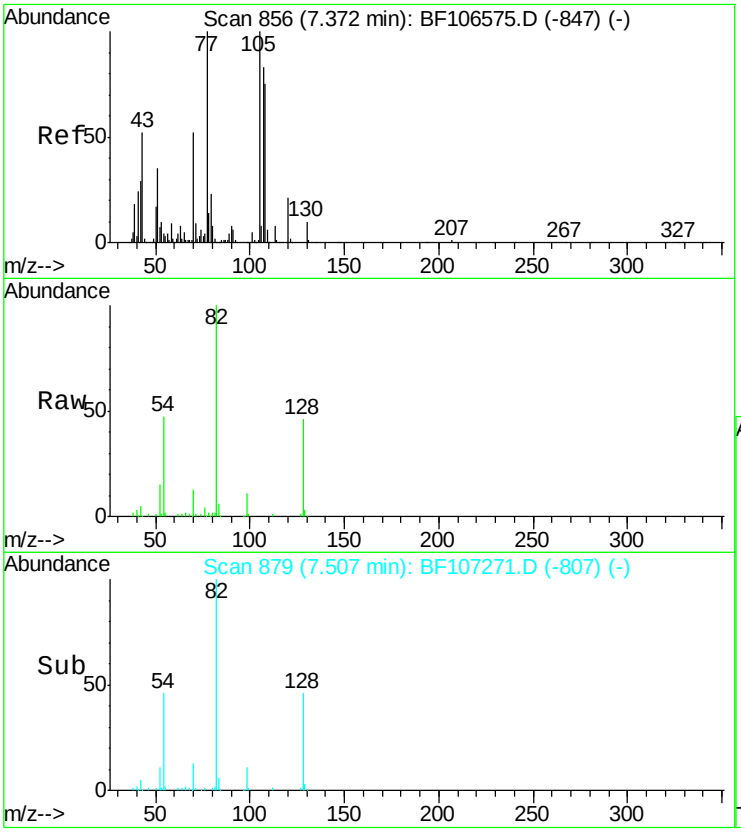


#9
Benzaldehyde
Concen: 2.036 ng
RT: 6.72 min Scan# 745
Delta R.T. 0.20 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion: 77 Resp: 4036

Ion	Ratio	Lower	Upper
77	100		
105	84.0	81.1	121.1
106	78.5	74.5	114.5



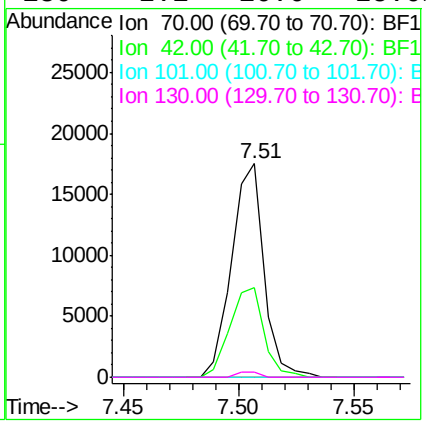


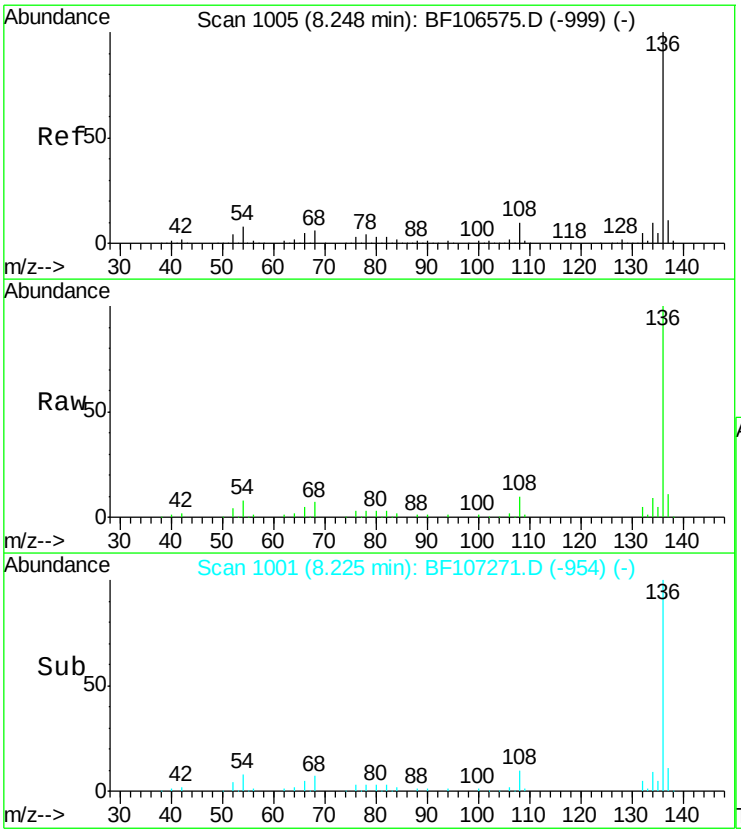
#19
n-Nitroso-di-n-propylamine
Concen: 11.005 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 70 Resp: 17163

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

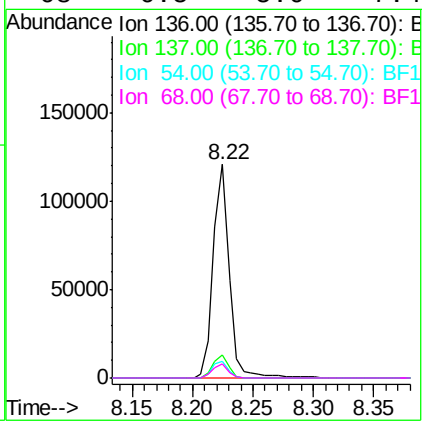


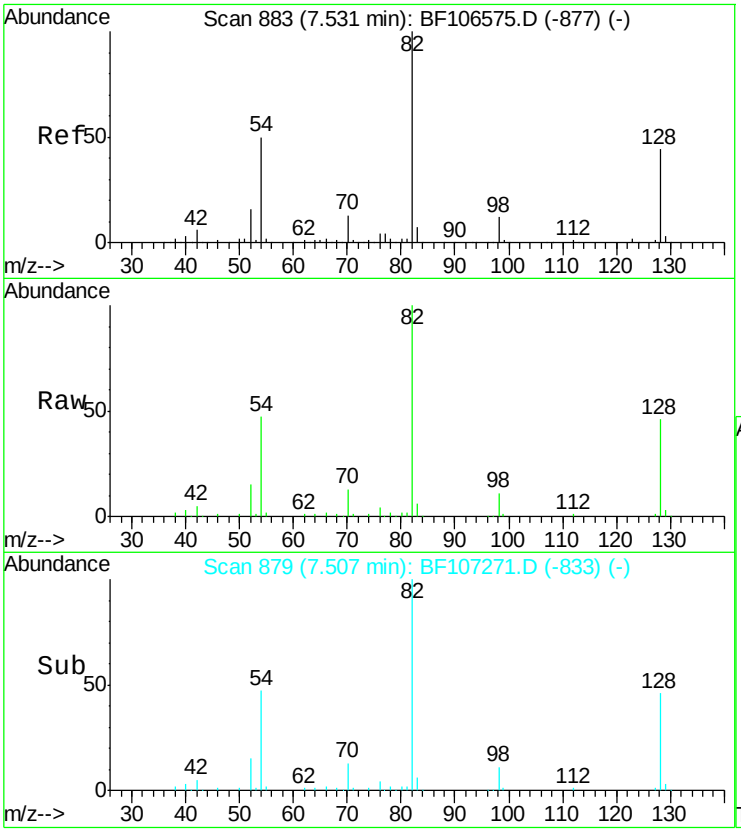


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:136 Resp: 110135

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	6.5	5.0	7.4



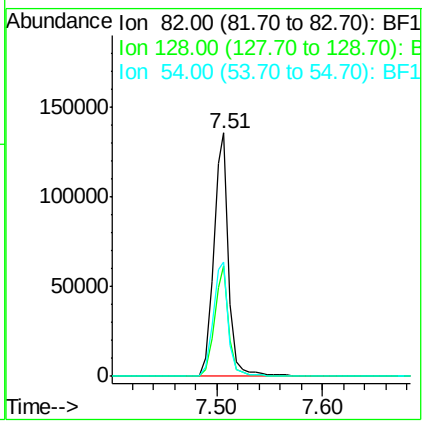


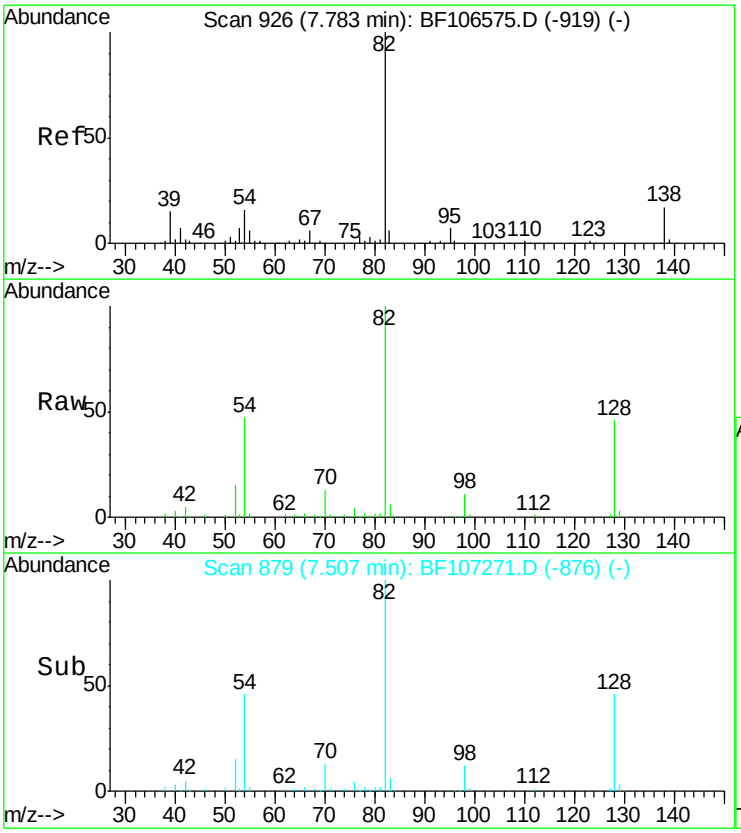
#23
Nitrobenzene-d5
Concen: 67.807 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion: 82 Resp: 134379

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	47.0	41.4	62.2

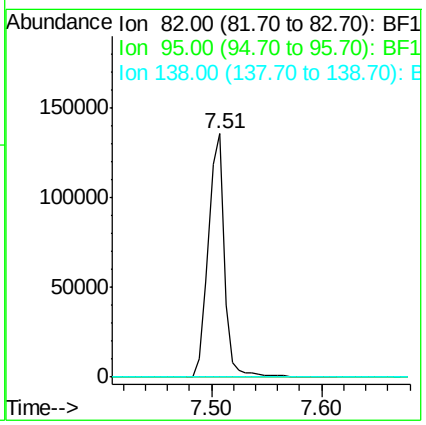


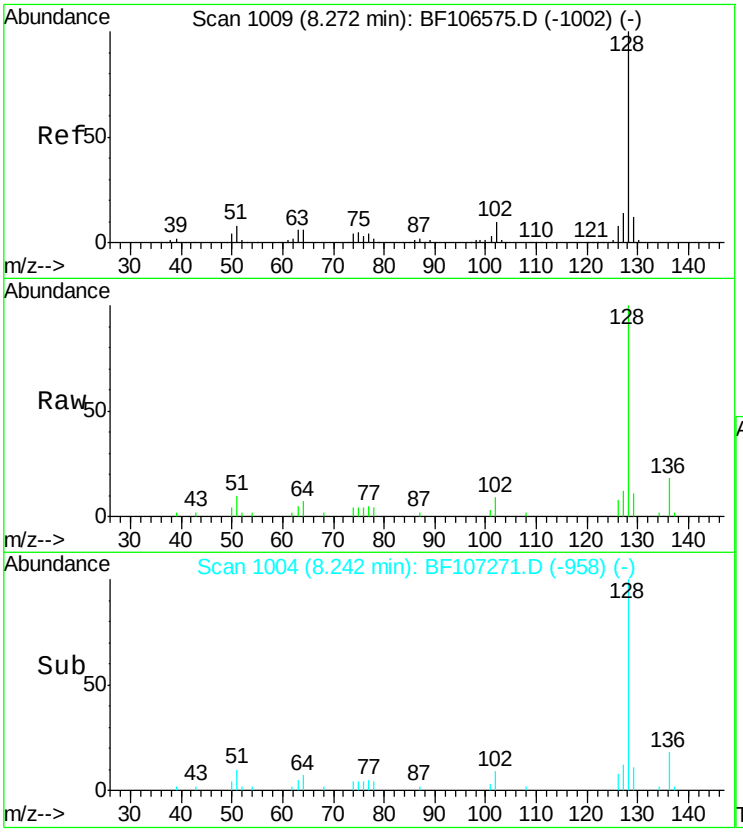


#25
Isophorone
Concen: 38.479 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion: 82 Resp: 134378

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



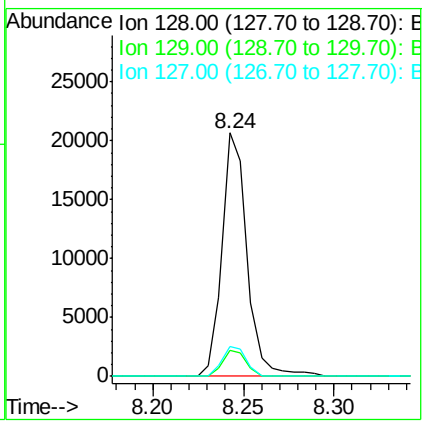


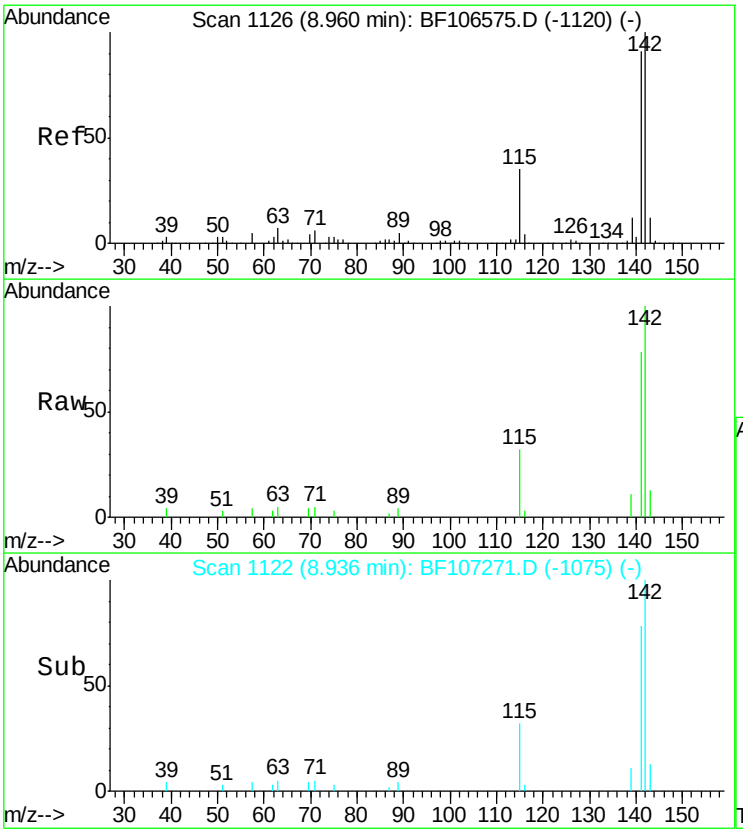
#31
Naphthalene
Concen: 3.858 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:128 Resp: 19863

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.0	10.9	16.3

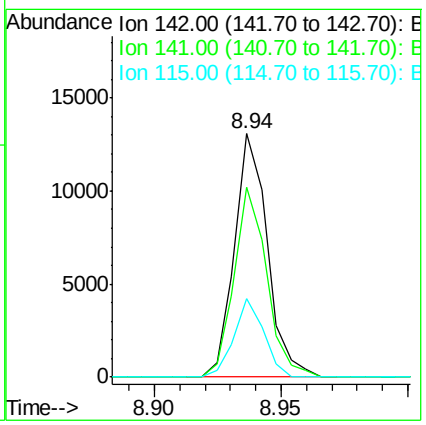


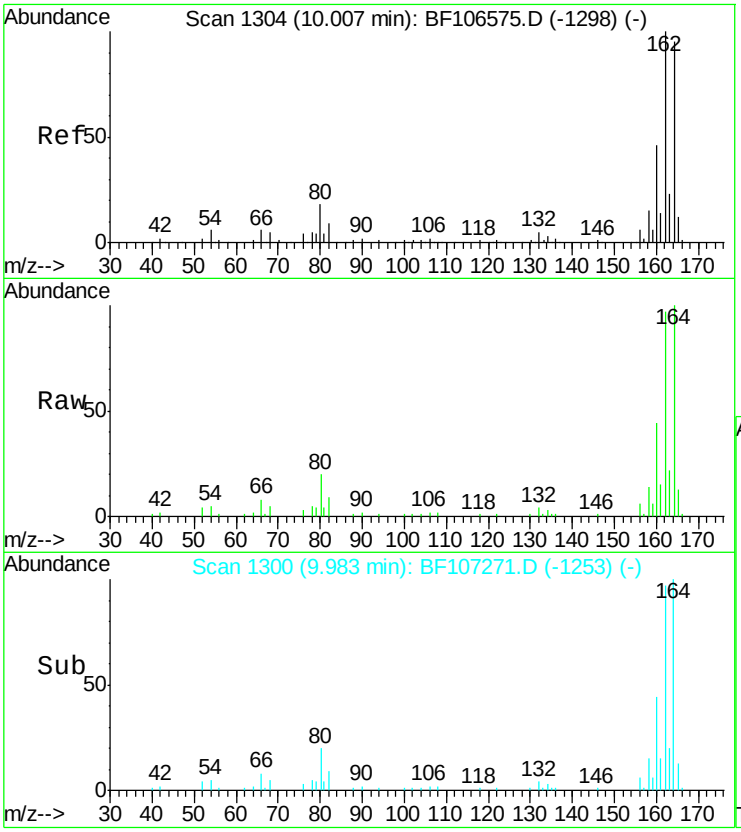


#37
2-Methylnaphthalene
Concen: 3.455 ng
RT: 8.94 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:142 Resp: 11791

Ion	Ratio	Lower	Upper
142	100		
141	77.7	70.8	106.2
115	32.1	26.1	39.1



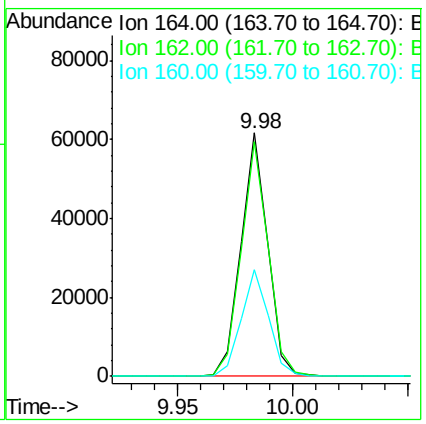


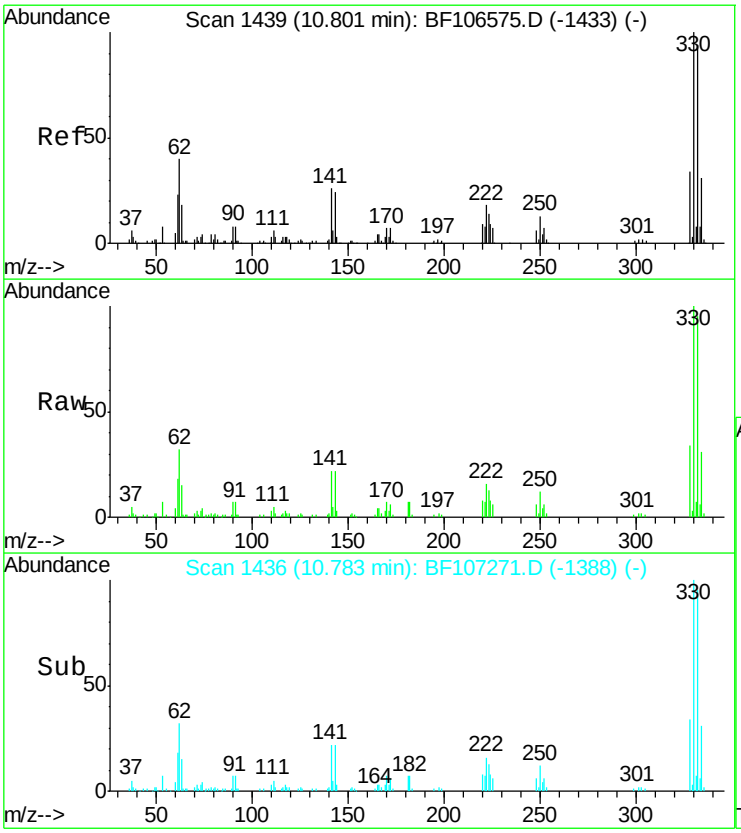
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:164 Resp: 49981

Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	43.9	38.3	57.5

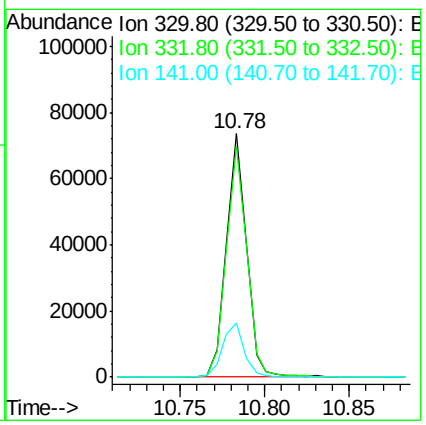


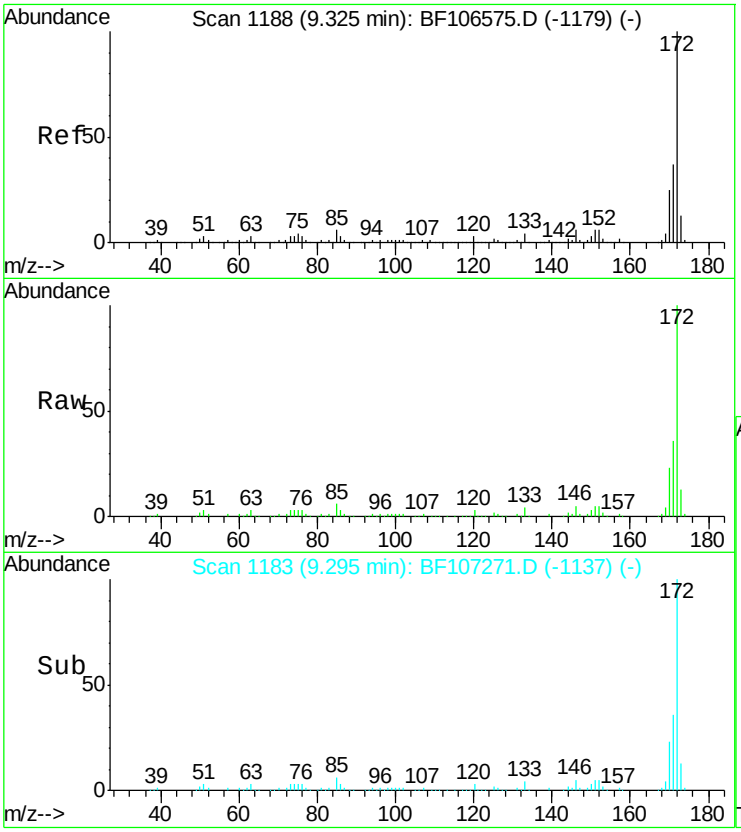


#41
2,4,6-Tribromophenol
Concen: 105.401 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:330 Resp: 61058

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	23.5	29.9	44.9#



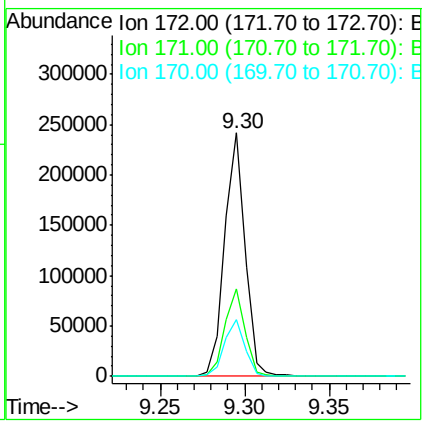


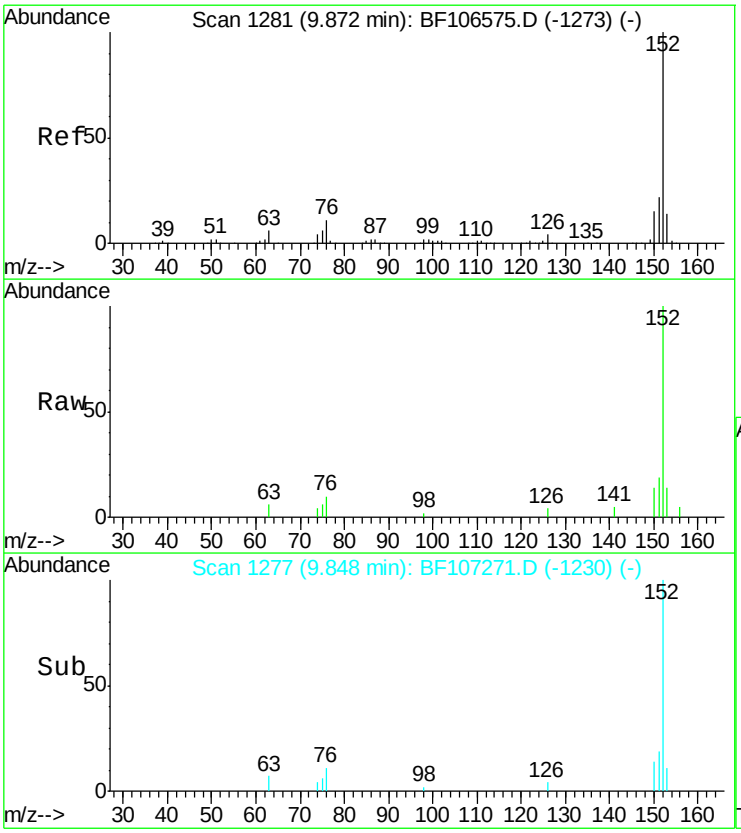
#44
2-Fluorobiphenyl
Concen: 65.474 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:172 Resp: 203342

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4

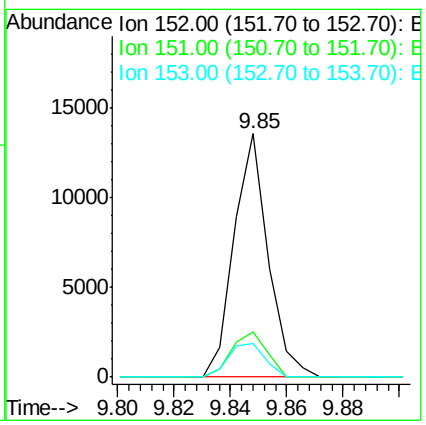


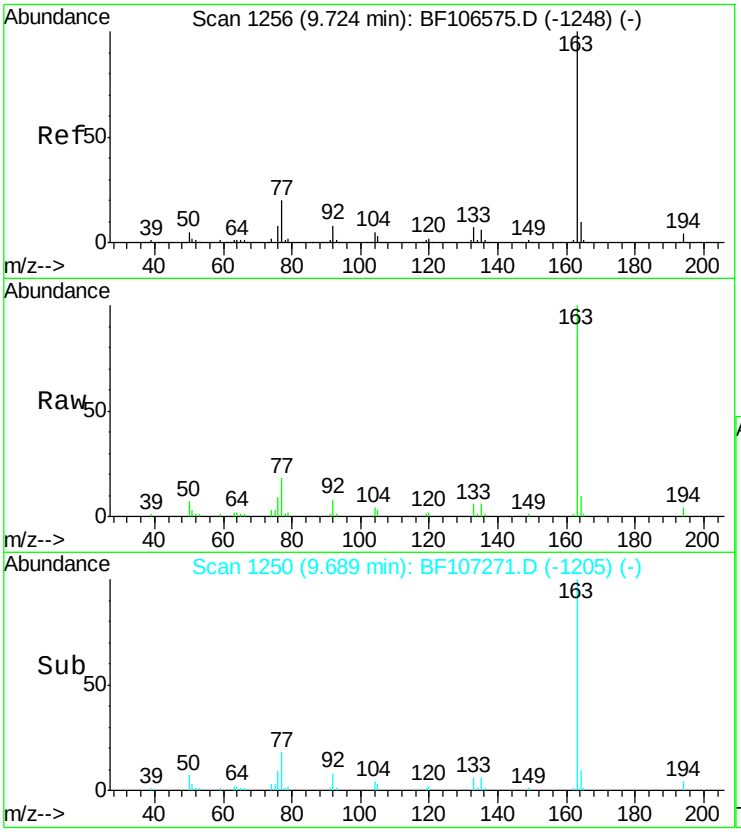


#48
Acenaphthylene
Concen: 2.284 ng
RT: 9.85 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:152 Resp: 11304

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.3	24.5
153	14.0	10.7	16.1



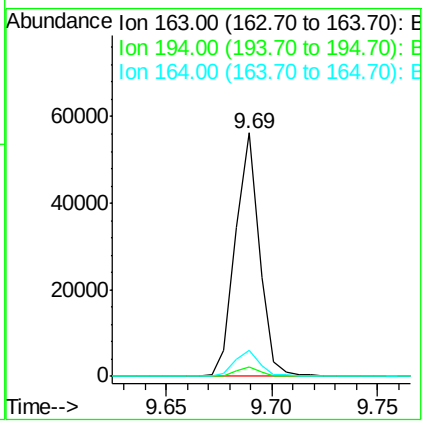


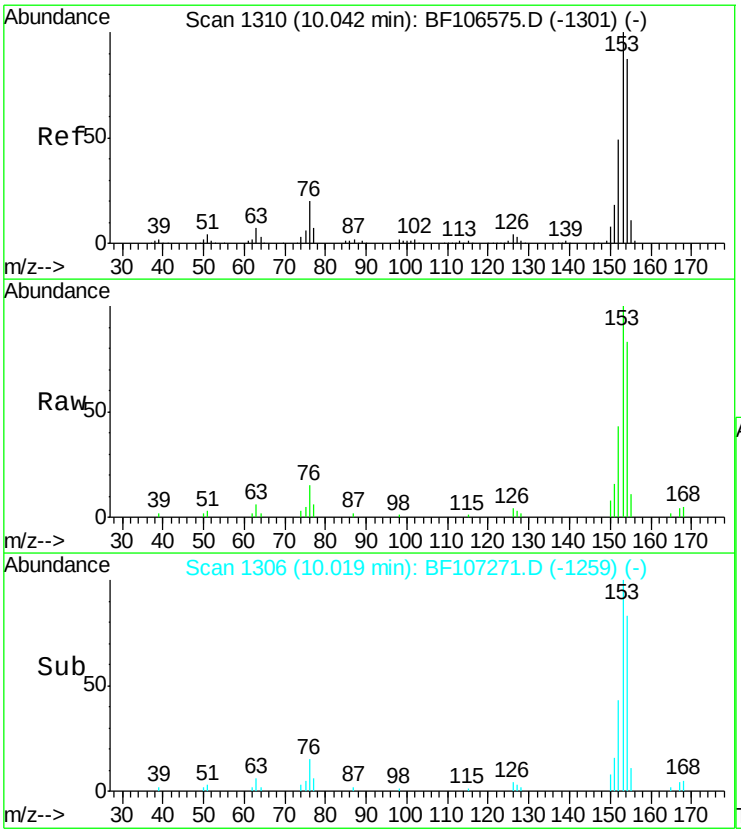
#49
Dimethylphthalate
Concen: 11.760 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:163 Resp: 44084

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

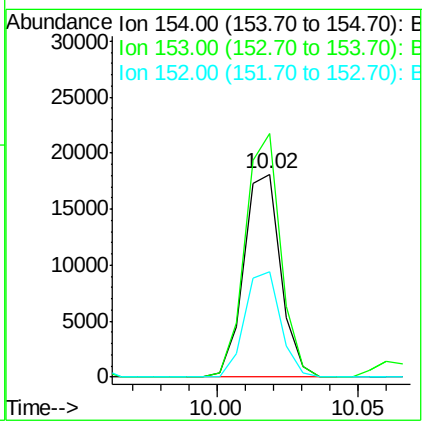


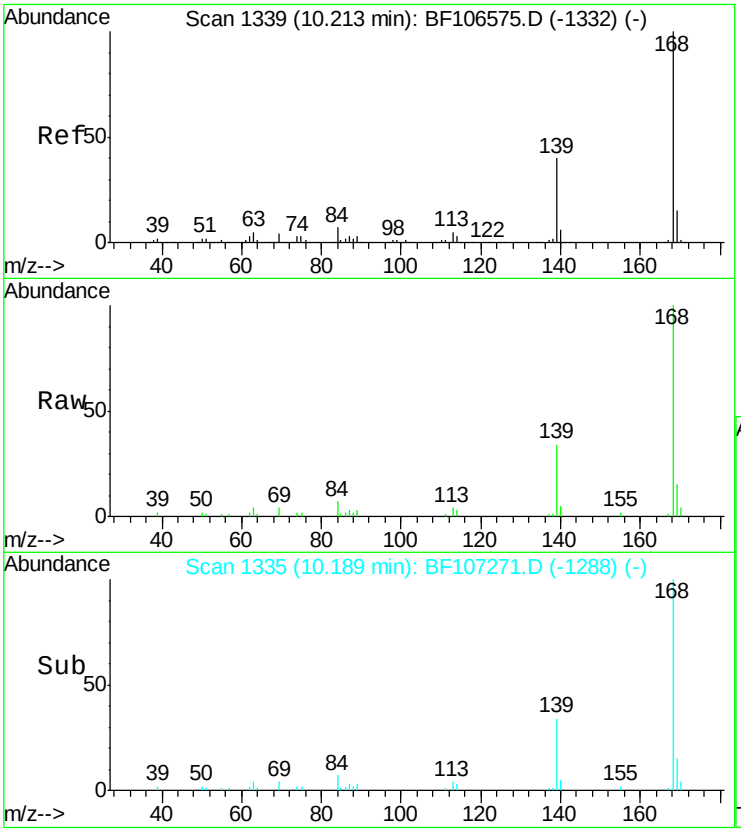


#51
Acenaphthene
Concen: 5.279 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:154 Resp: 16454

Ion	Ratio	Lower	Upper
154	100		
153	119.9	91.2	136.8
152	51.8	43.8	65.8



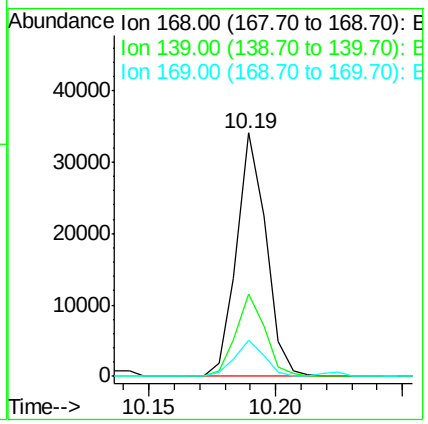


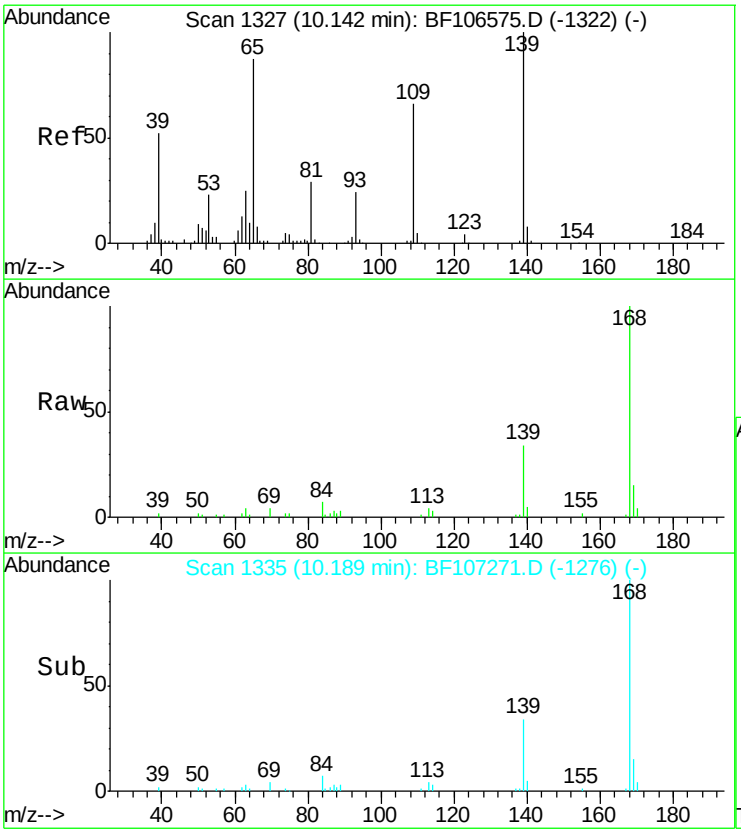
#54
Dibenzofuran
Concen: 6.465 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:168 Resp: 27597

Ion	Ratio	Lower	Upper
168	100		
139	33.8	30.1	45.1
169	14.8	10.9	16.3

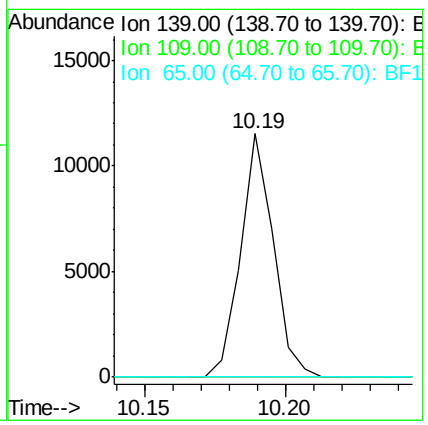


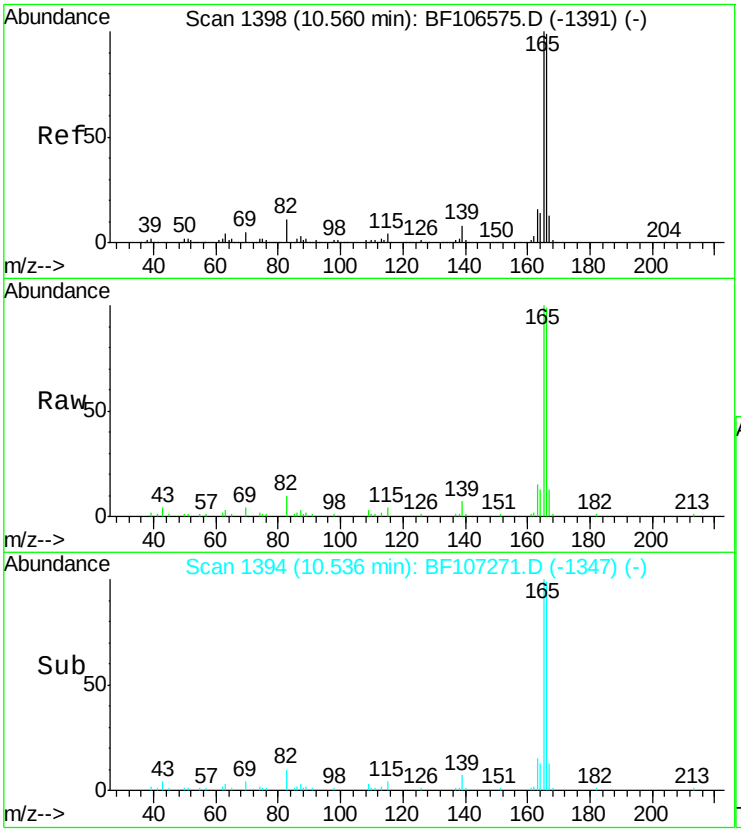


#55
4-Nitrophenol
Concen: 14.511 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:139 Resp: 9252

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



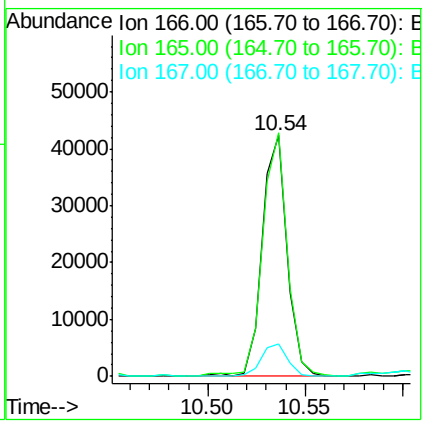


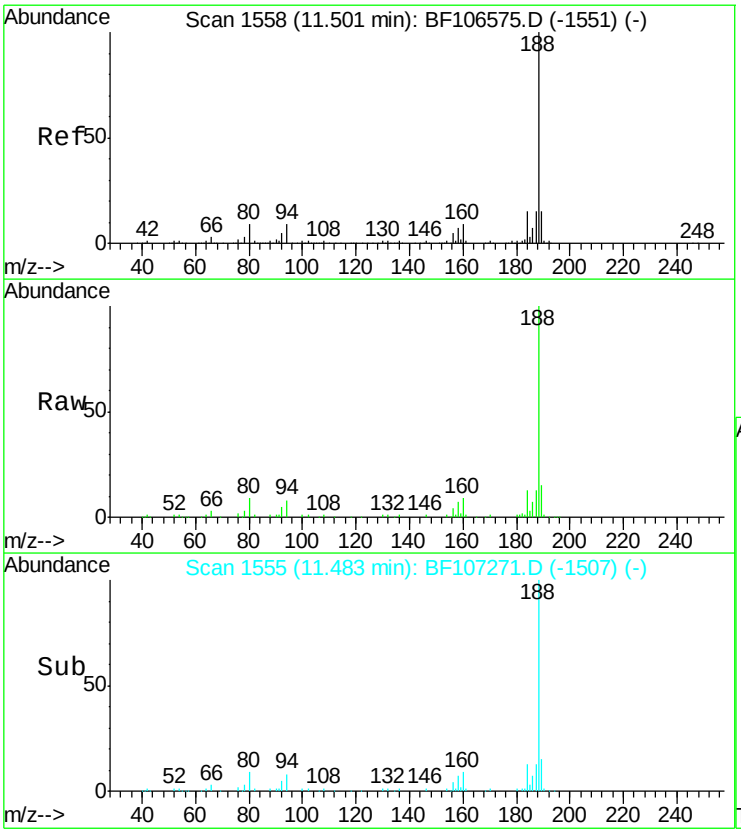
#57
Fluorene
Concen: 11.016 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:166 Resp: 37313

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	13.5	10.6	16.0

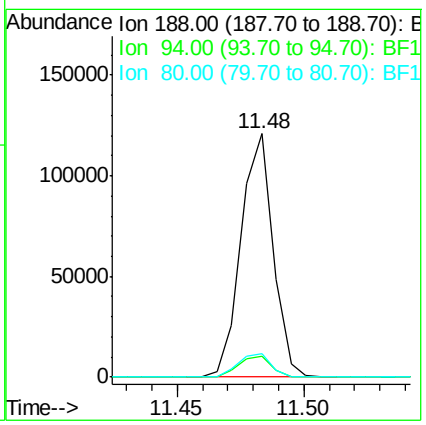


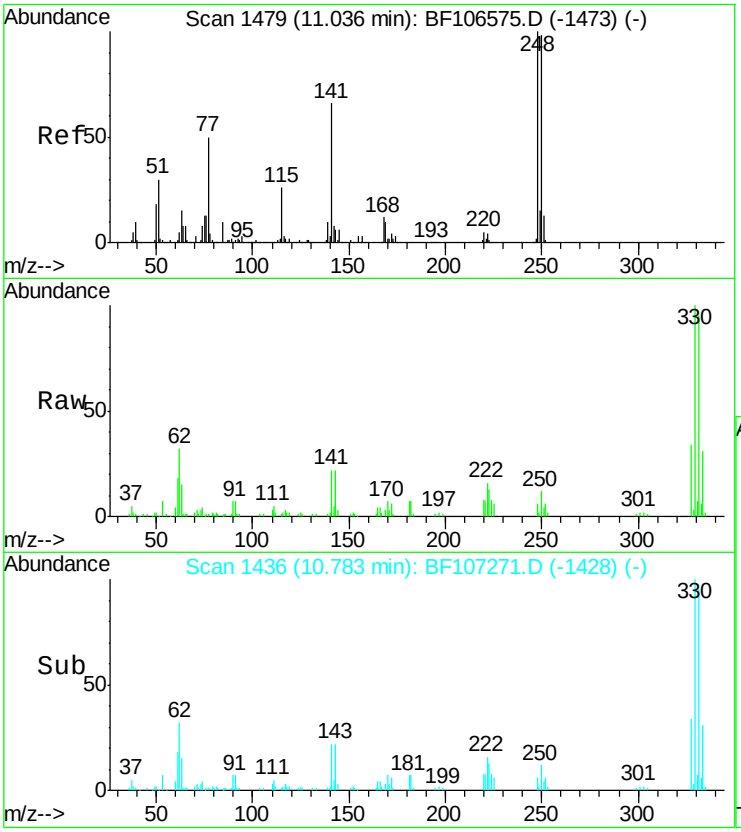


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:188 Resp: 106290

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.4	9.2	13.8



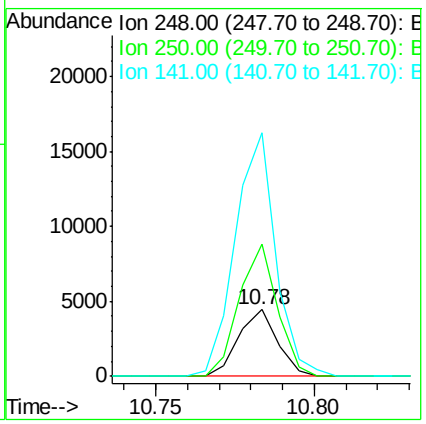


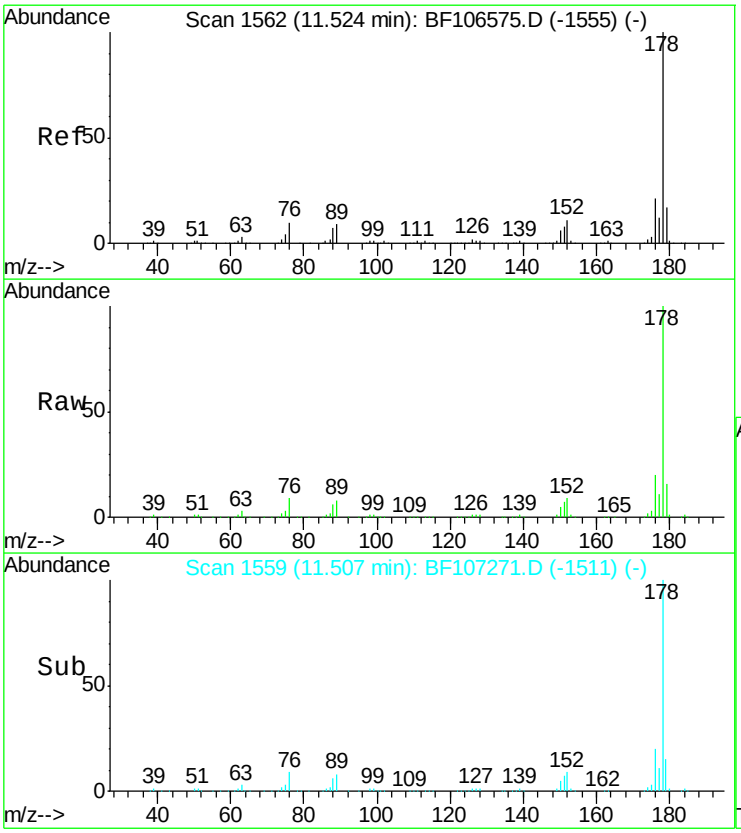
#66
4-Bromophenyl-phenylether
Concen: 2.978 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:248 Resp: 3778

Ion	Ratio	Lower	Upper
248	100		
250	198.0	76.9	115.3#
141	364.4	74.4	111.6#

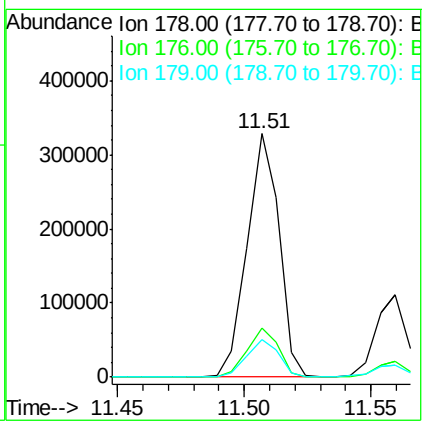


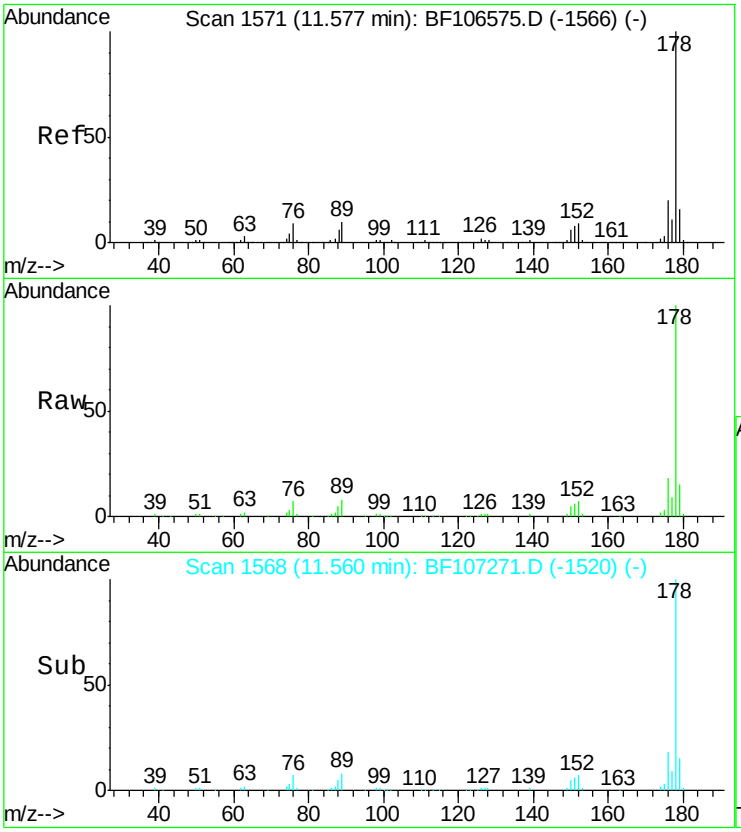


#70
Phenanthrene
Concen: 56.363 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:178 Resp: 288948

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6



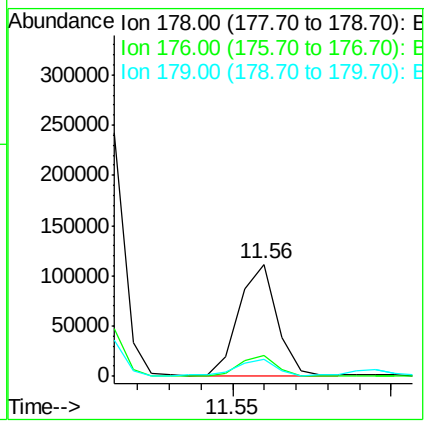


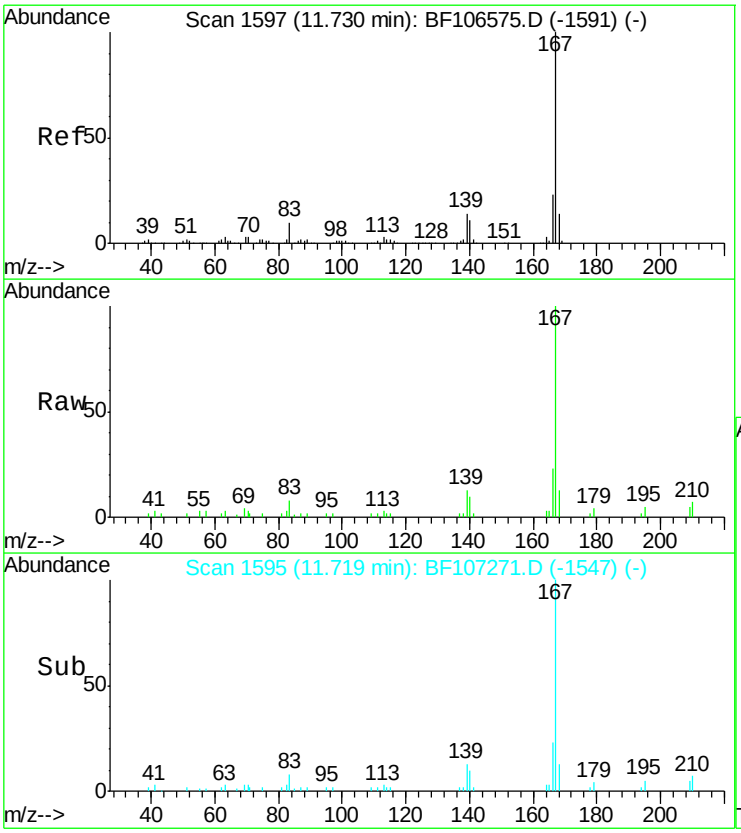
#71
Anthracene
Concen: 17.518 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:178 Resp: 91665

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	19.0

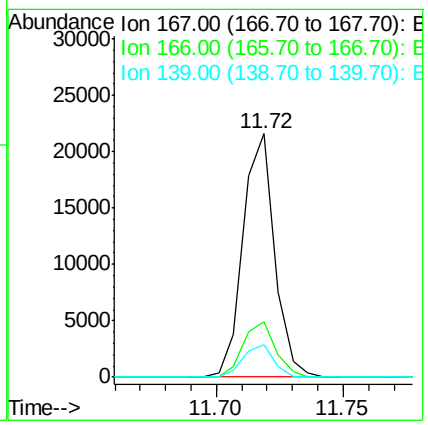


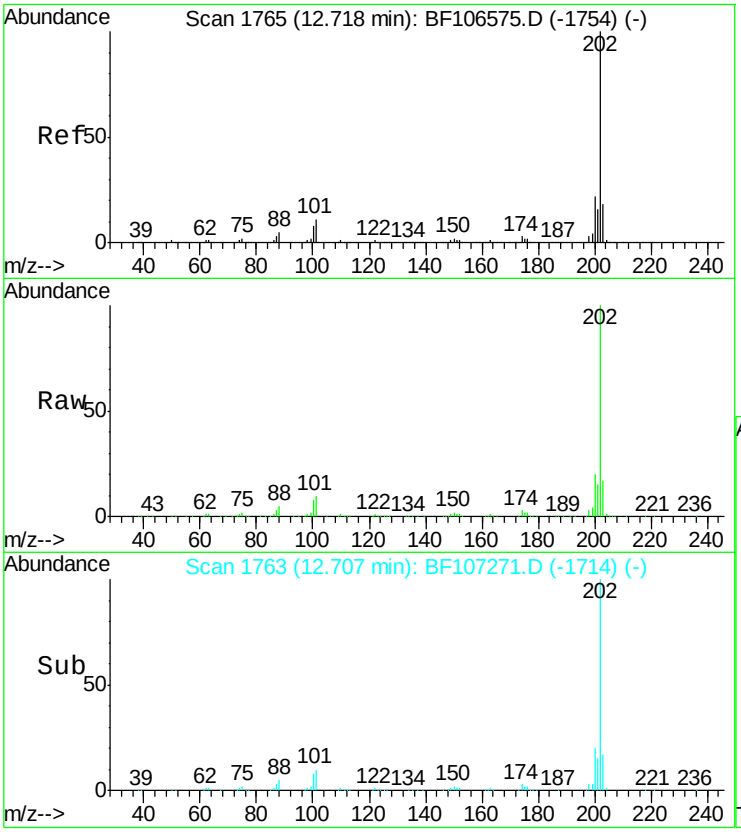


#72
Carbazole
Concen: 3.818 ng
RT: 11.72 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:167 Resp: 18704

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.2	10.9	16.3



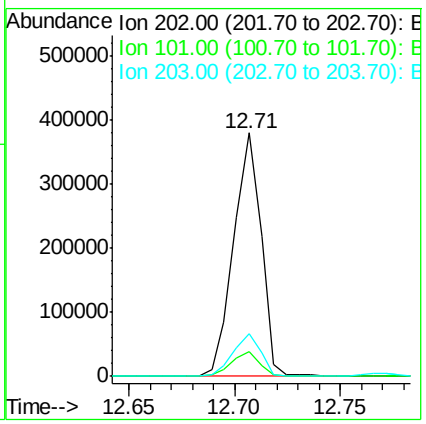


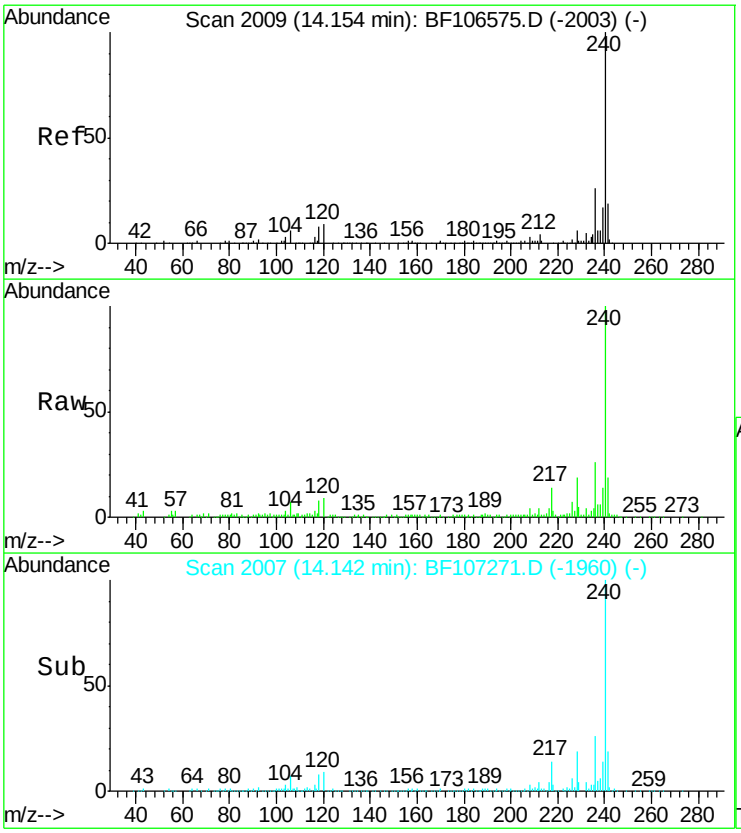
#74
Fluoranthene
Concen: 60.623 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:202 Resp: 342551

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.4	0.0	38.1

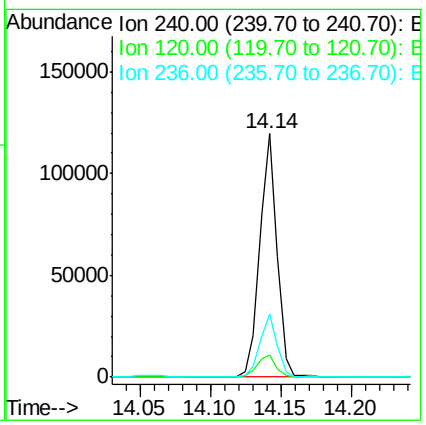


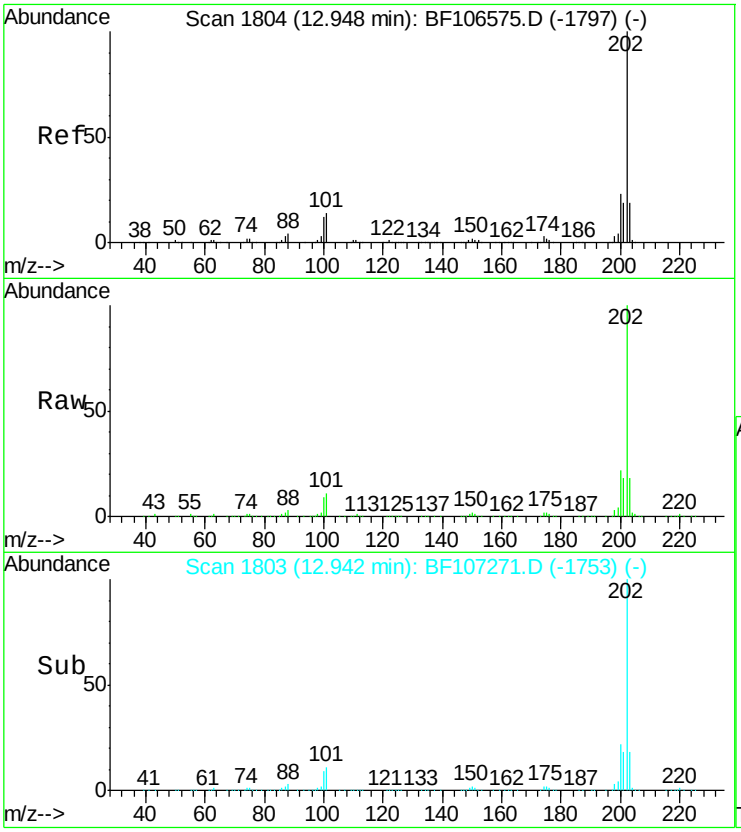


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:240 Resp: 104557

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	26.0	20.7	31.1



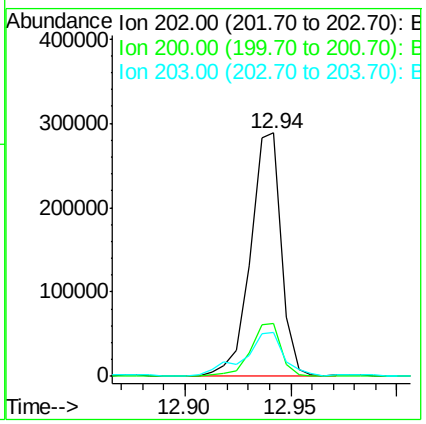


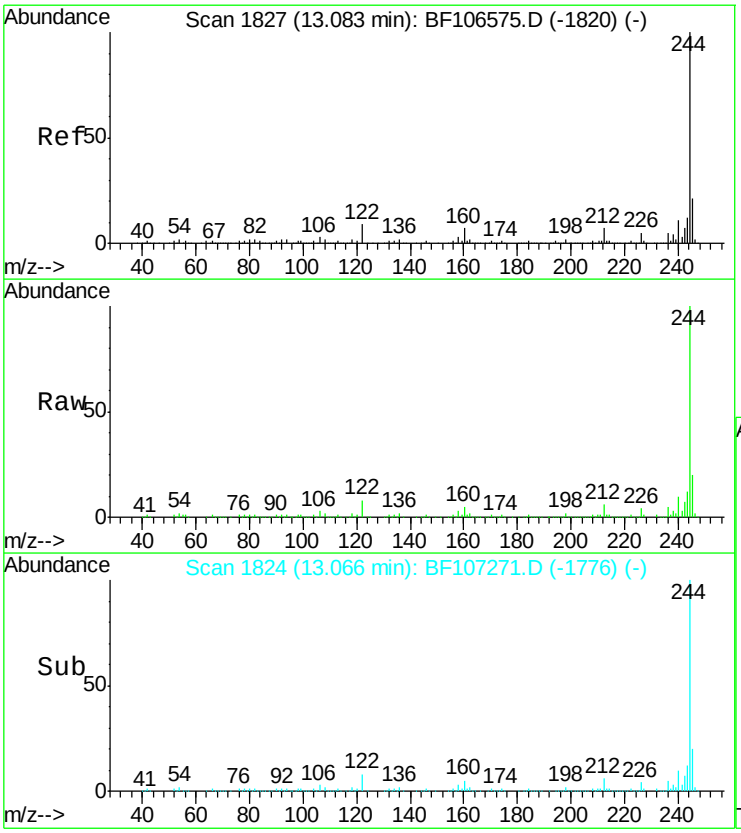
#77
Pyrene
Concen: 42.585 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:202 Resp: 293616

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.2	14.3	21.5

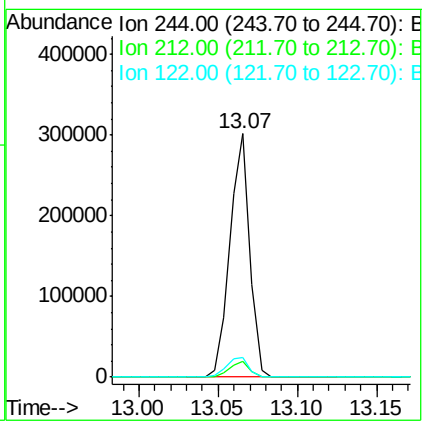


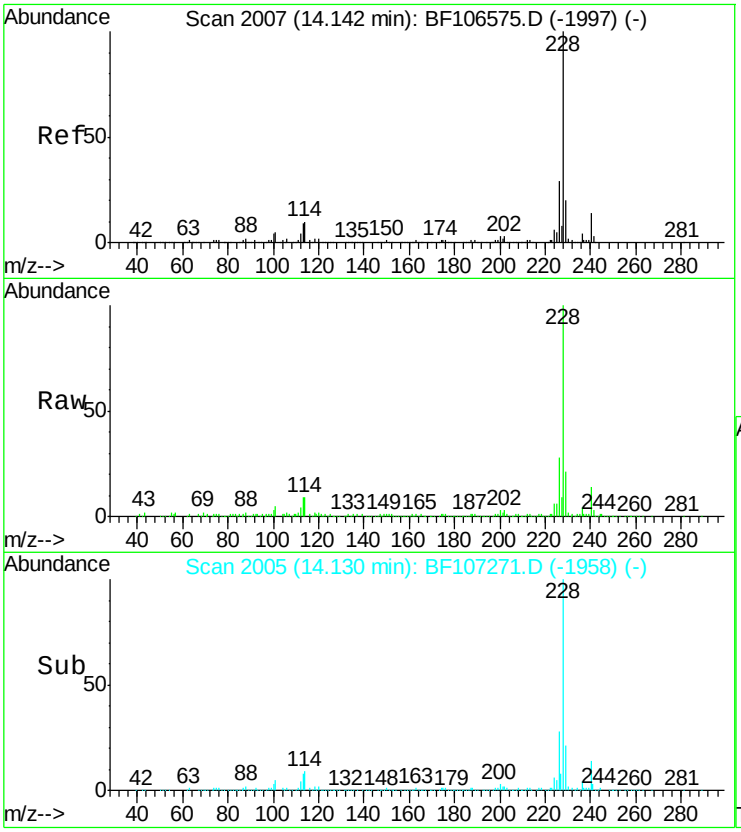


#78
Terphenyl-d14
Concen: 60.285 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:244 Resp: 260217

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.0	11.0	16.4#



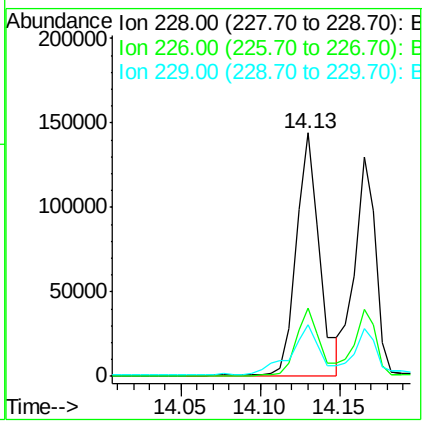


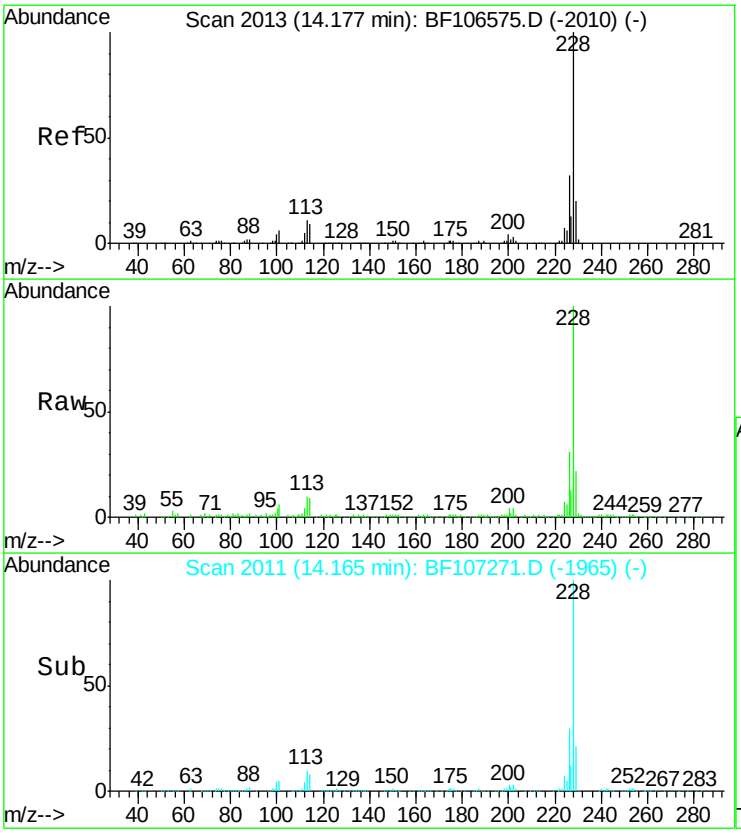
#80
Benzo(a)anthracene
Concen: 22.884 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:228 Resp: 145826

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.3	15.8	23.6

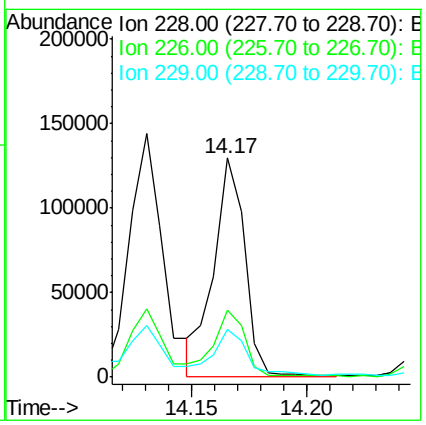


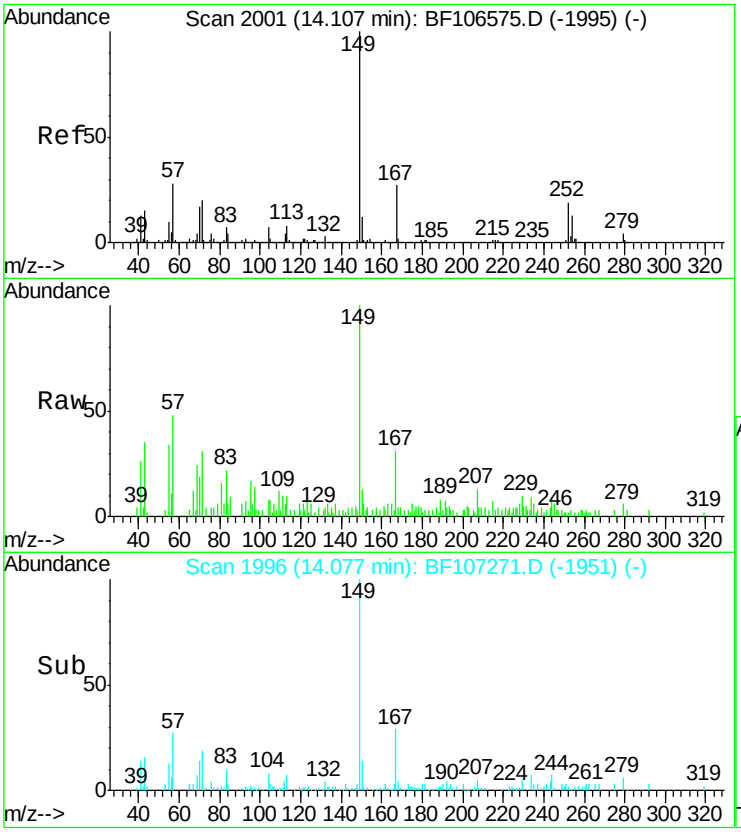


#82
Chrysene
Concen: 20.464 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:228 Resp: 119975

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.0	16.2	24.4



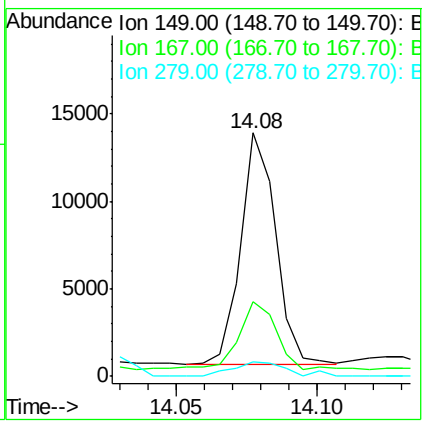


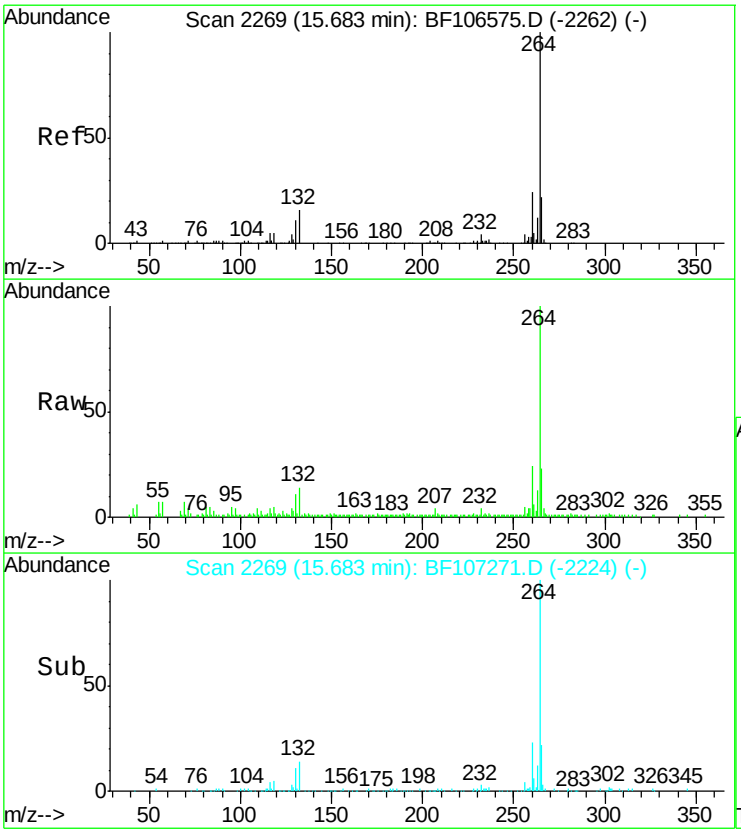
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.168 ng
RT: 14.08 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:149 Resp: 11483

Ion	Ratio	Lower	Upper
149	100		
167	30.6	21.3	31.9
279	5.8	3.0	4.4#

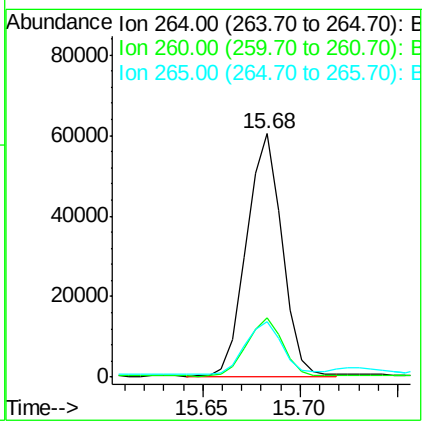


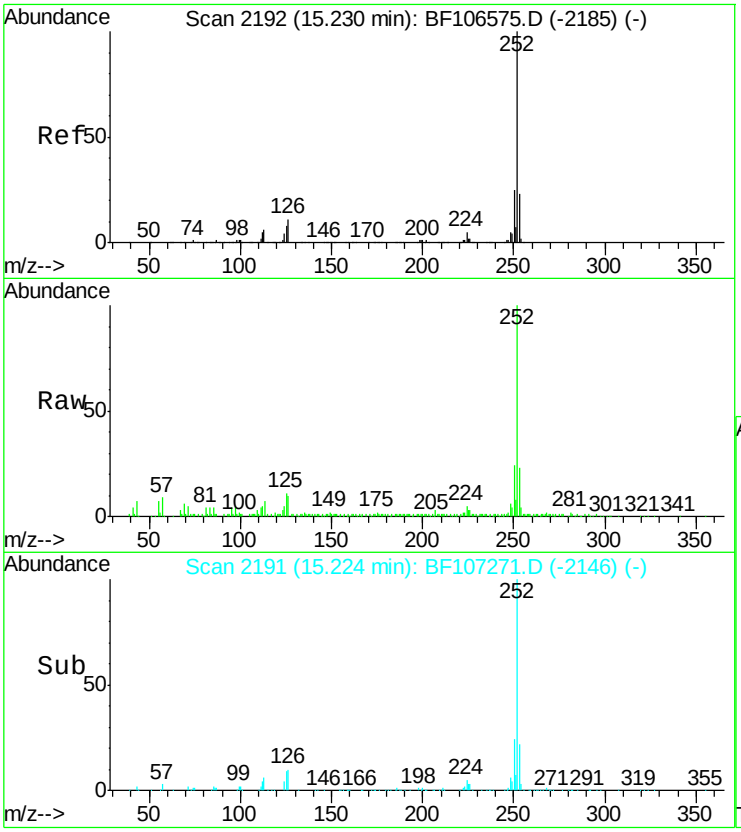


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:264 Resp: 77026

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.6	17.5	26.3



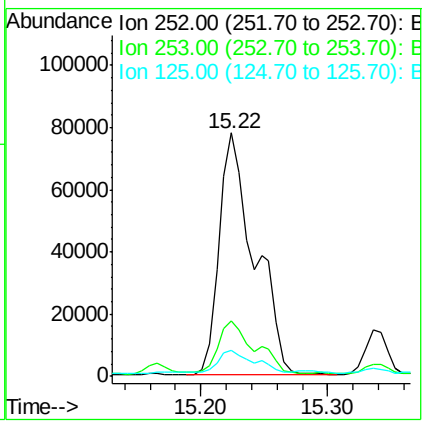


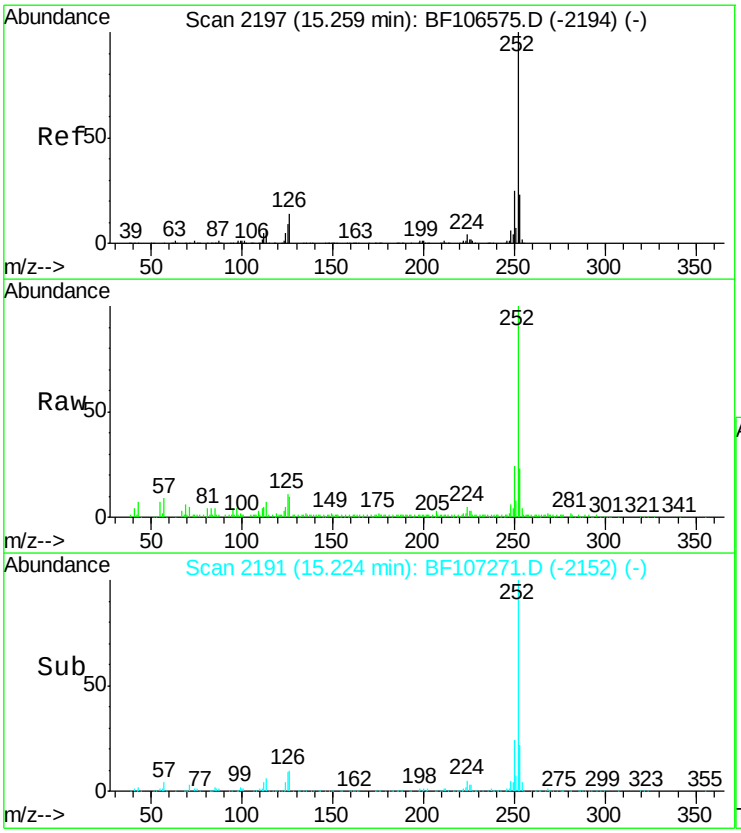
#87
Benzo(b)fluoranthene
Concen: 31.680 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:252 Resp: 151583

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	10.7	9.0	13.6

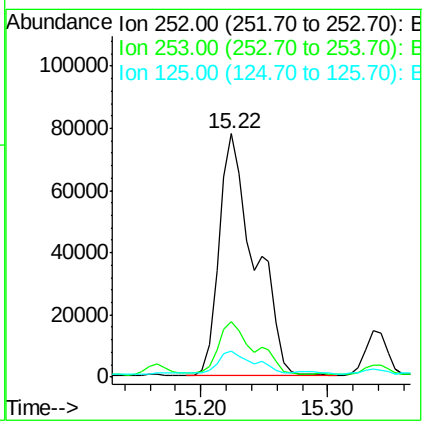


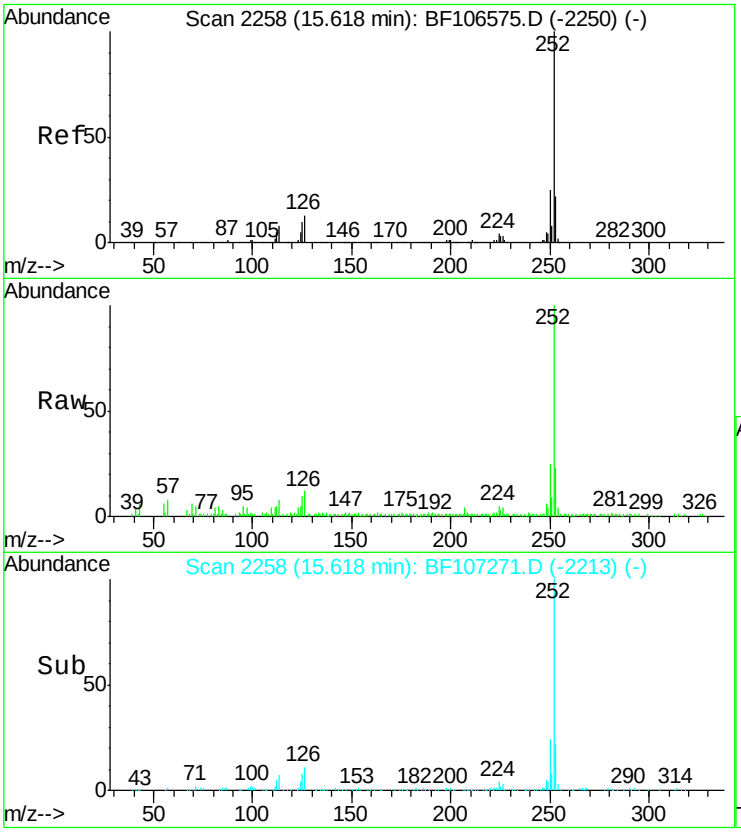


#88
Benzo(k)fluoranthene
Concen: 33.267 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:252 Resp: 151583

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.7	10.2	15.2



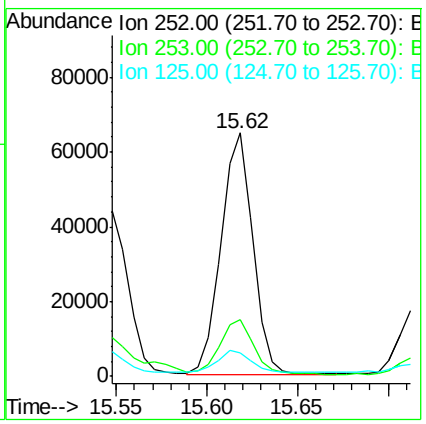


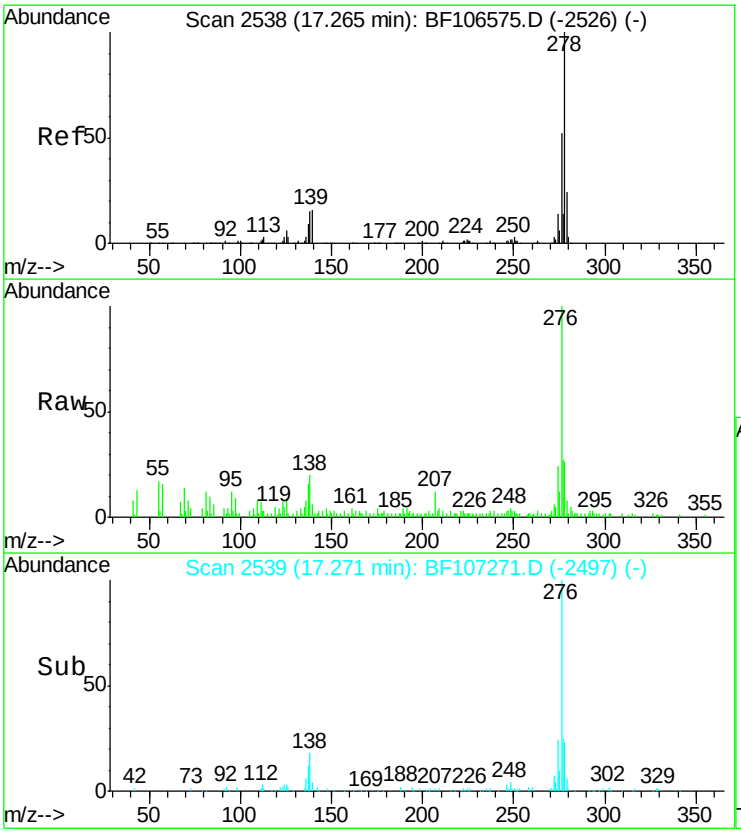
#89
Benzo(a)pyrene
Concen: 18.674 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:252 Resp: 79430

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.9	9.8	14.6

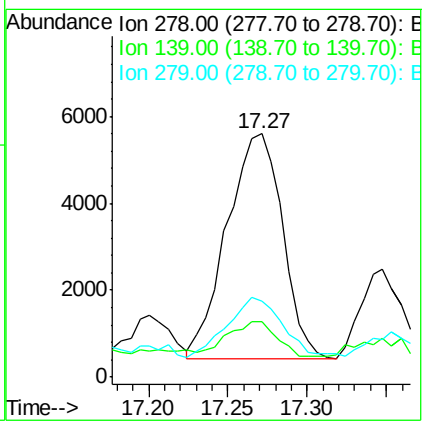


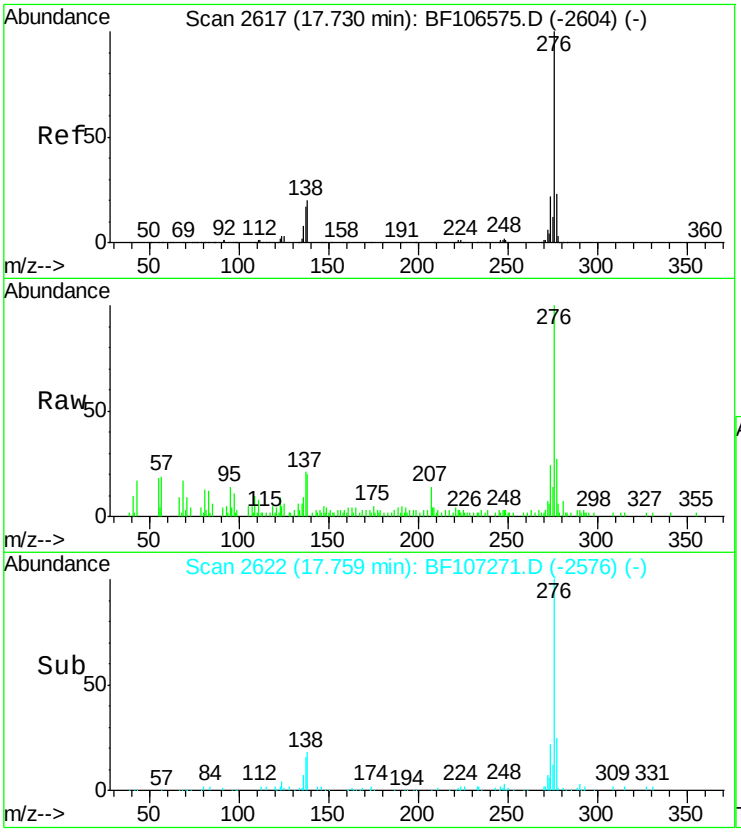


#90
Dibenzo(a,h)anthracene
Concen: 3.487 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.05 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:278 Resp: 12570

Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.9	23.9
279	31.1	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 12.321 ng
RT: 17.76 min Scan# 2622
Delta R.T. -0.03 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

Tgt Ion:276 Resp: 43411

Ion	Ratio	Lower	Upper
276	100		
277	27.0	17.9	26.9#
138	19.7	21.8	32.8#